

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121224\
 Data File : VN085187.D
 Acq On : 12 Dec 2024 16:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2024
 Supervised By : Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 04:24:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	157264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	250897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	100858	45.024	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.040%		
35) Dibromofluoromethane	8.159	113	81940	48.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.860%		
50) Toluene-d8	10.565	98	286244	47.207	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.420%		
62) 4-Bromofluorobenzene	12.847	95	110700	48.818	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	64335	36.179	ug/l	96
3) Chloromethane	2.359	50	70976	34.413	ug/l	98
4) Vinyl Chloride	2.512	62	75490	40.728	ug/l	95
5) Bromomethane	2.942	94	52817	50.840	ug/l	94
6) Chloroethane	3.118	64	53524	42.843	ug/l	96
7) Trichlorofluoromethane	3.495	101	142515	45.200	ug/l	98
8) Diethyl Ether	3.953	74	51996	48.452	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	83299	46.581	ug/l	99
10) Methyl Iodide	4.583	142	102709	43.390	ug/l	95
11) Tert butyl alcohol	5.518	59	74390	248.505	ug/l #	95
12) 1,1-Dichloroethene	4.342	96	75550	45.261	ug/l	93
13) Acrolein	4.171	56	51064	255.643	ug/l	99
14) Allyl chloride	5.024	41	114050	40.531	ug/l	91
15) Acrylonitrile	5.712	53	211919	250.050	ug/l	99
16) Acetone	4.418	43	174331	267.212	ug/l	99
17) Carbon Disulfide	4.712	76	188561	38.272	ug/l	96
18) Methyl Acetate	5.018	43	102208	48.992	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	273352	50.121	ug/l	97
20) Methylene Chloride	5.271	84	89549	44.981	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	79034	44.994	ug/l	88
22) Diisopropyl ether	6.665	45	270635	47.786	ug/l	97
23) Vinyl Acetate	6.594	43	978510	250.444	ug/l	99
24) 1,1-Dichloroethane	6.565	63	160137	47.250	ug/l	98
25) 2-Butanone	7.477	43	267815	251.085	ug/l	96
26) 2,2-Dichloropropane	7.489	77	151677	47.928	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	99477	46.976	ug/l	99
28) Bromochloromethane	7.806	49	55177	43.129	ug/l	93
29) Tetrahydrofuran	7.830	42	172608	260.225	ug/l	99
30) Chloroform	7.965	83	170468	47.284	ug/l	97
31) Cyclohexane	8.253	56	118868	39.835	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	156188	47.943	ug/l	98
36) 1,1-Dichloropropene	8.365	75	112100	48.915	ug/l	99
37) Ethyl Acetate	7.553	43	107759	51.721	ug/l	99
38) Carbon Tetrachloride	8.359	117	139715	52.815	ug/l	100
39) Methylcyclohexane	9.594	83	117395	49.295	ug/l	97
40) Benzene	8.600	78	354747	48.941	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	63059	54.665	ug/l	97
42) 1,2-Dichloroethane	8.665	62	123989	50.001	ug/l	100
43) Isopropyl Acetate	8.683	43	193442	44.699	ug/l	99
44) Trichloroethene	9.347	130	84967	50.441	ug/l	93
45) 1,2-Dichloropropane	9.618	63	88723	49.697	ug/l	98
46) Dibromomethane	9.706	93	64197	51.750	ug/l	99
47) Bromodichloromethane	9.882	83	138381	52.632	ug/l	99
48) Methyl methacrylate	9.677	41	88355	54.864	ug/l	99
49) 1,4-Dioxane	9.688	88	29783	1066.431	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	574816	290.798	ug/l	99
52) Toluene	10.624	92	222486	51.849	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	138602	52.581	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	148027	52.934	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	87061	54.471	ug/l	100
56) Ethyl methacrylate	10.871	69	140927	60.340	ug/l	99
57) 1,3-Dichloropropane	11.159	76	146182	51.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	312019	272.352	ug/l	99
59) 2-Hexanone	11.194	43	425793	288.015	ug/l	100
60) Dibromochloromethane	11.359	129	107520	55.043	ug/l	100
61) 1,2-Dibromoethane	11.465	107	88737	53.646	ug/l	97
64) Tetrachloroethene	11.100	164	76338	50.944	ug/l	96
65) Chlorobenzene	11.888	112	245940	48.766	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	92252	51.953	ug/l	99
67) Ethyl Benzene	11.959	91	436384	53.333	ug/l	99
68) m/p-Xylenes	12.071	106	338767	108.750	ug/l	98
69) o-Xylene	12.394	106	159020	53.665	ug/l	99
70) Styrene	12.406	104	279996	56.820	ug/l	99
71) Bromoform	12.576	173	77538	58.827	ug/l #	96
73) Isopropylbenzene	12.694	105	421314	54.208	ug/l	99
74) N-amyl acetate	12.494	43	168193	52.516	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	124180	46.790	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	100849m	50.326	ug/l	
77) Bromobenzene	12.976	156	103632	49.548	ug/l	100
78) n-propylbenzene	13.035	91	496070	55.338	ug/l	99
79) 2-Chlorotoluene	13.123	91	303924	50.788	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	359675	55.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46836	51.596	ug/l	98
82) 4-Chlorotoluene	13.218	91	311019	49.926	ug/l	100
83) tert-Butylbenzene	13.435	119	295702	52.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	360867	53.755	ug/l	98
85) sec-Butylbenzene	13.612	105	419768	55.376	ug/l	100
86) p-Isopropyltoluene	13.723	119	352018	56.255	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	187382	45.422	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	188708	44.824	ug/l	99
89) n-Butylbenzene	14.053	91	299144	51.406	ug/l	99
90) Hexachloroethane	14.329	117	68565	50.268	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	179308	45.359	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24250	47.252	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	94237	43.880	ug/l	98
94) Hexachlorobutadiene	15.500	225	46613	47.029	ug/l	97
95) Naphthalene	15.641	128	281522	46.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	90499	44.163	ug/l	97

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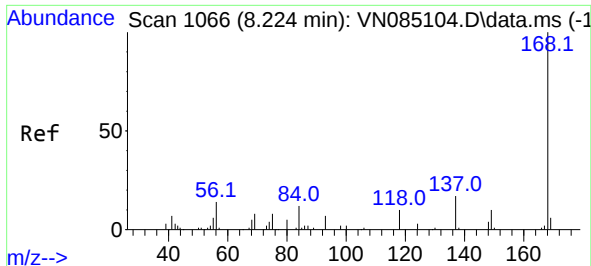
Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

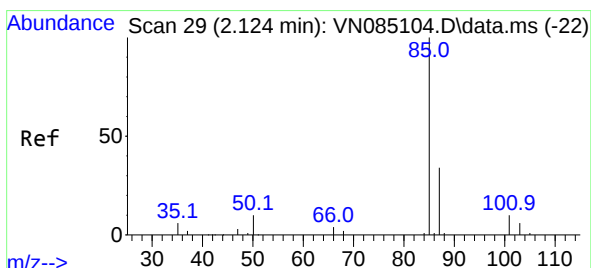
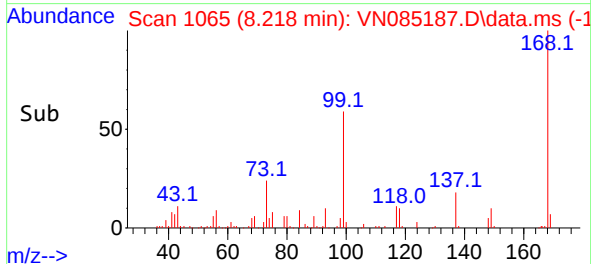
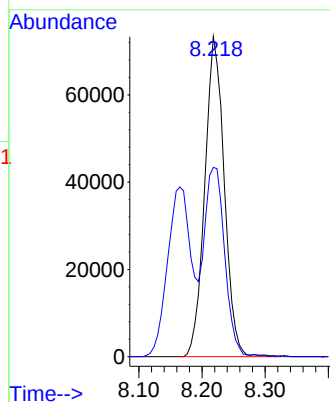
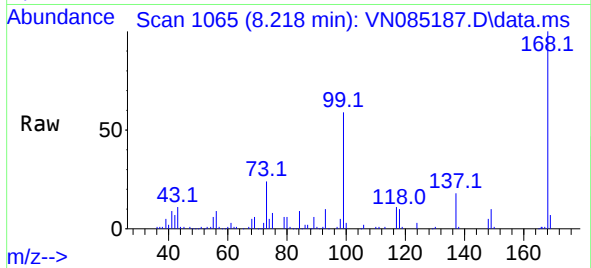
VSTDCCC050EC

Tgt Ion:168 Resp: 157264
Ion Ratio Lower Upper
168 100
99 58.8 51.2 76.8

Manual Integrations

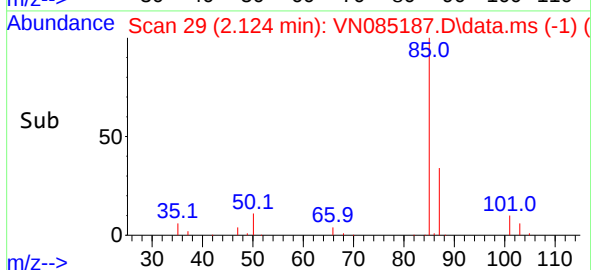
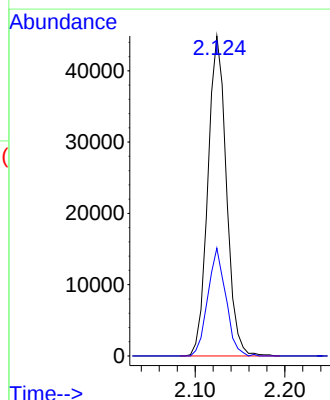
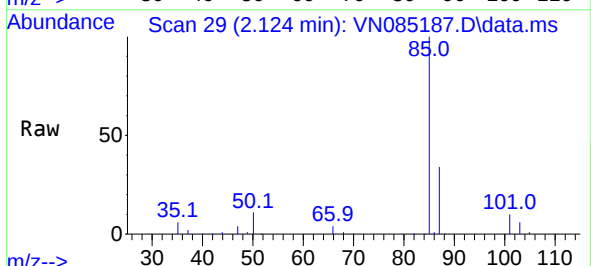
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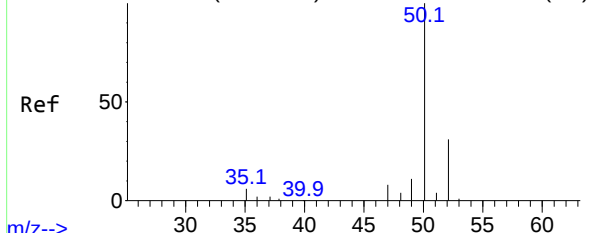


#2
Dichlorodifluoromethane
Concen: 36.179 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

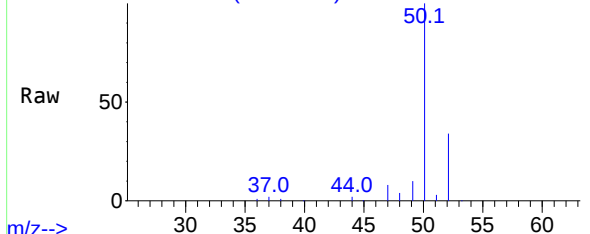
Tgt Ion: 85 Resp: 64335
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.1



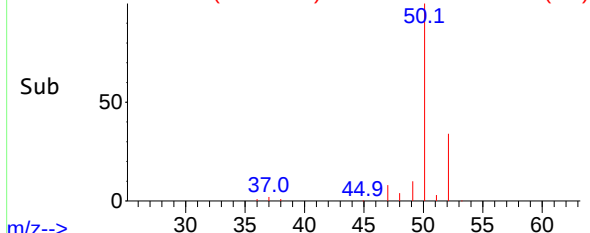
Abundance Scan 69 (2.359 min): VN085104.D\data.ms (-62)



Abundance Scan 69 (2.359 min): VN085187.D\data.ms



Abundance Scan 69 (2.359 min): VN085187.D\data.ms (-18)



#3

Chloromethane

Concen: 34.413 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Tgt Ion: 50 Resp: 70970

Ion Ratio Lower Upper

50 100

52 33.6 27.8 41.8

Instrument :

MSVOA_N

ClientSampleId :

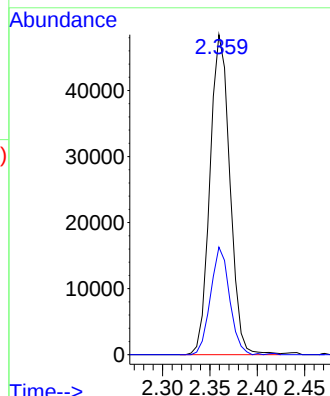
VSTDCCC050EC

Manual Integrations

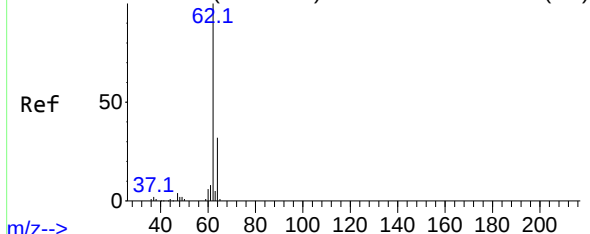
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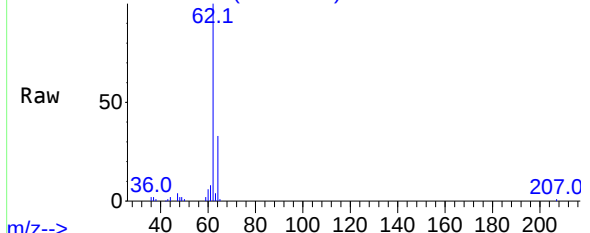
Supervised By :Mahesh Dadoda 12/13/2024



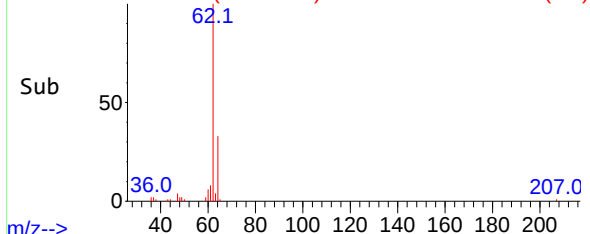
Abundance Scan 95 (2.512 min): VN085104.D\data.ms (-87)



Abundance Scan 95 (2.512 min): VN085187.D\data.ms



Abundance Scan 95 (2.512 min): VN085187.D\data.ms (-44)



#4

Vinyl Chloride

Concen: 40.728 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN085187.D

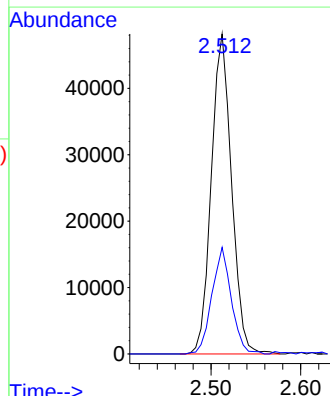
Acq: 12 Dec 2024 16:29

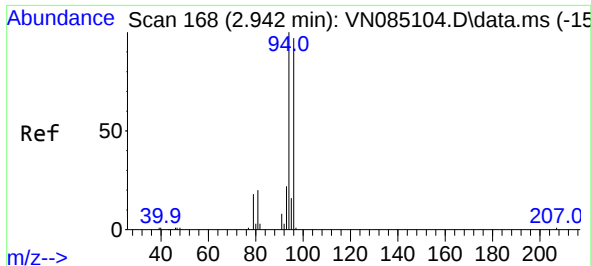
Tgt Ion: 62 Resp: 75490

Ion Ratio Lower Upper

62 100

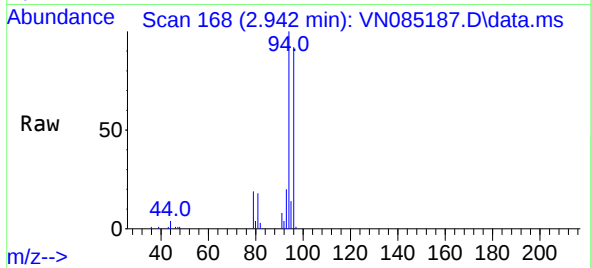
64 33.3 24.6 36.8





#5
Bromomethane
Concen: 50.840 ug/l
RT: 2.942 min Scan# 10
Delta R.T. 0.041 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

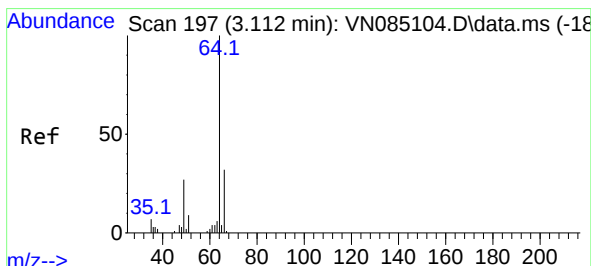
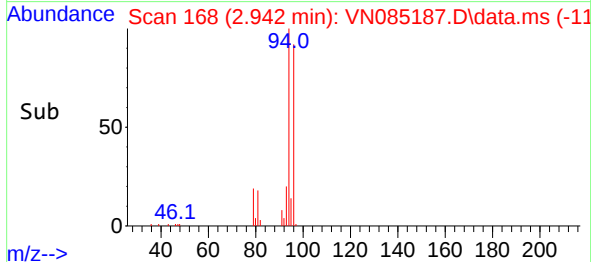
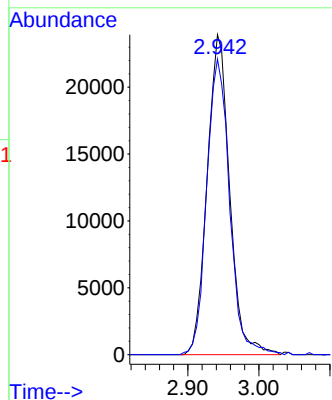
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Tgt Ion: 94 Resp: 5281
Ion Ratio Lower Upper
94 100
96 92.3 78.7 118.1

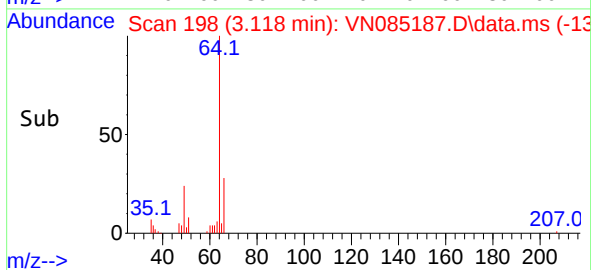
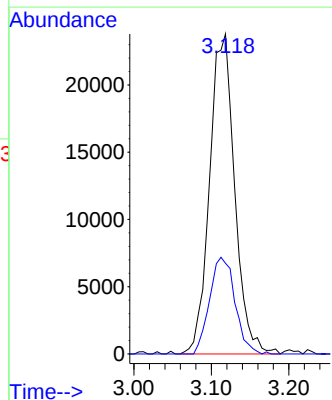
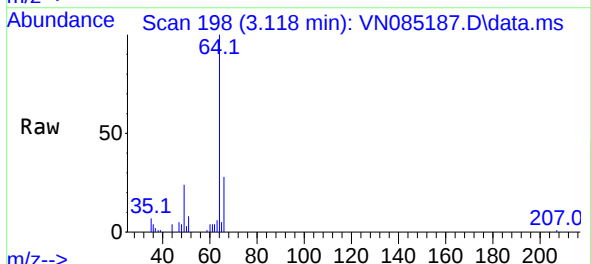
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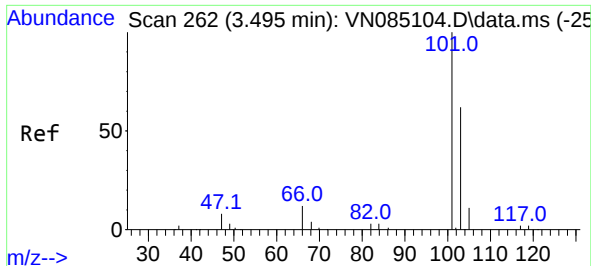
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#6
Chloroethane
Concen: 42.843 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.053 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

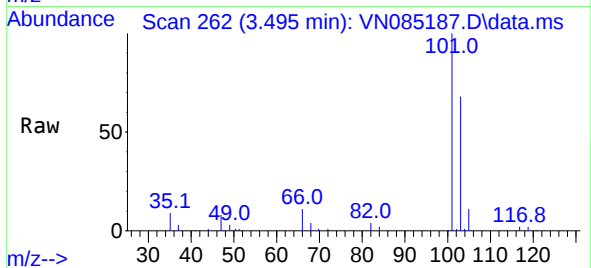
Tgt Ion: 64 Resp: 53524
Ion Ratio Lower Upper
64 100
66 28.4 24.4 36.6





#7
Trichlorofluoromethane
Concen: 45.200 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.035 min
Lab File: VN085187.D
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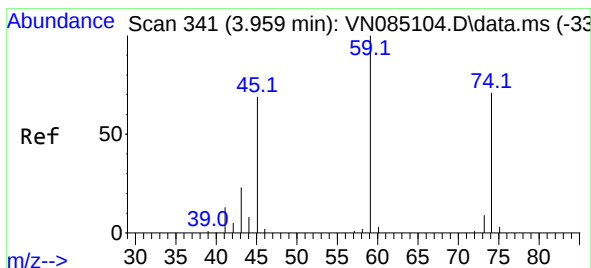
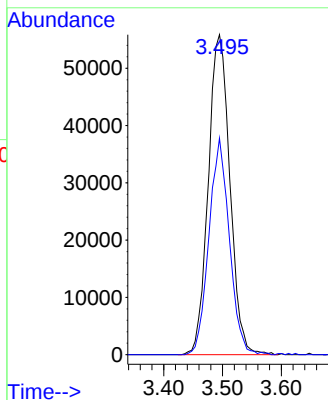
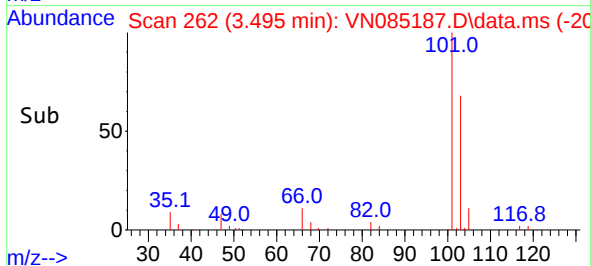
Instrument :
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VSTDCCC050EC



Tgt Ion:101 Resp: 14251
Ion Ratio Lower Upper
101 100
103 67.7 52.6 78.8

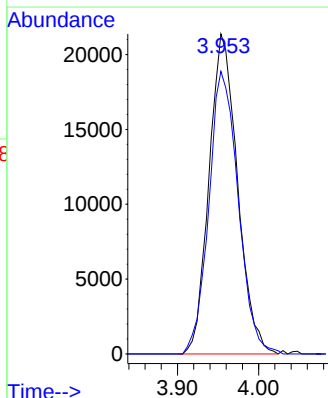
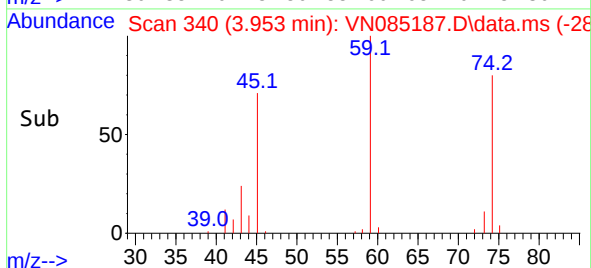
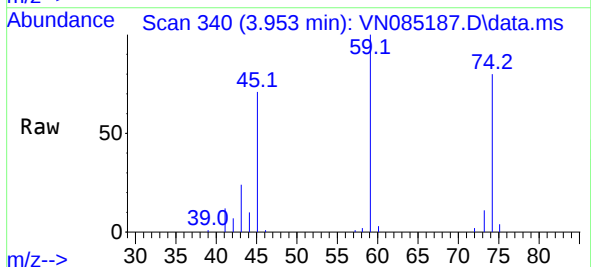
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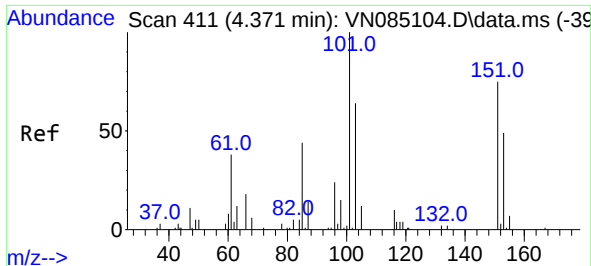
Reviewed By :John Carlone 12/13/2024
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#8
Diethyl Ether
Concen: 48.452 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 74 Resp: 51996
Ion Ratio Lower Upper
74 100
45 91.2 46.7 140.1





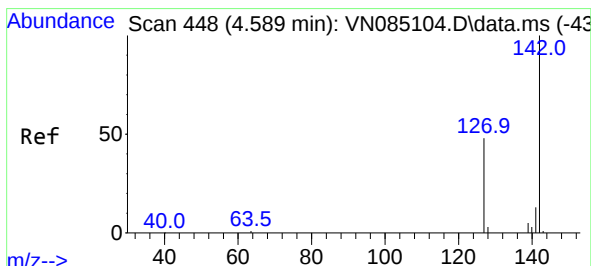
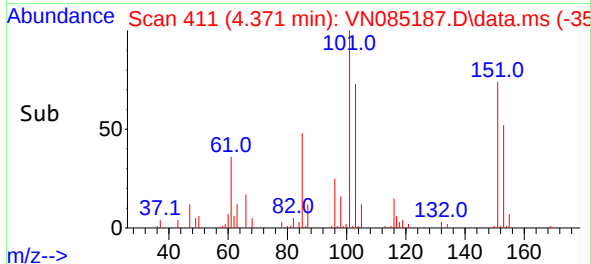
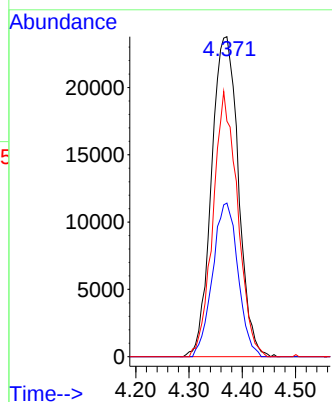
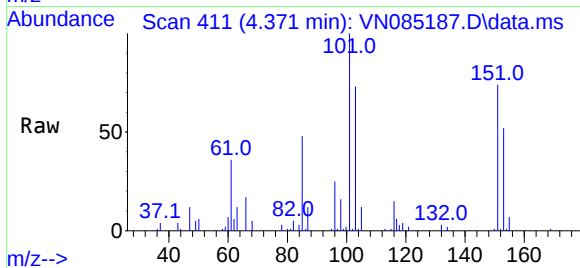
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.581 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 83299
Ion Ratio Lower Upper
101 100
85 45.3 36.9 55.3
151 75.7 60.8 91.2

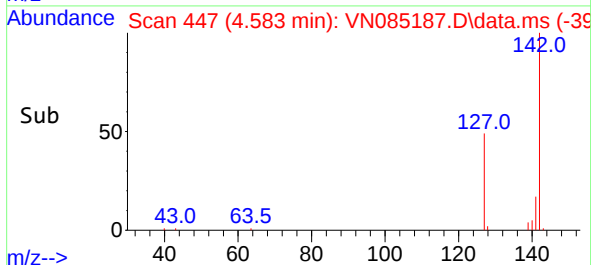
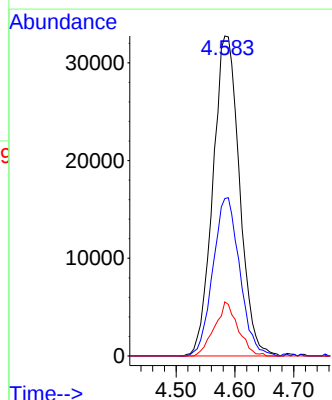
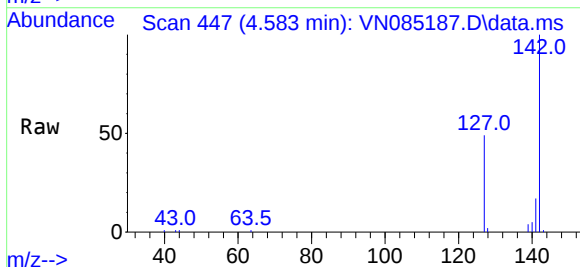
Manual Integrations
APPROVED

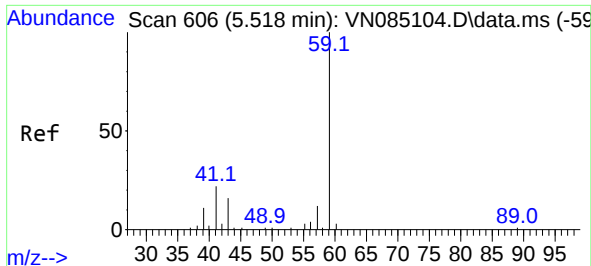
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#10
Methyl Iodide
Concen: 43.390 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

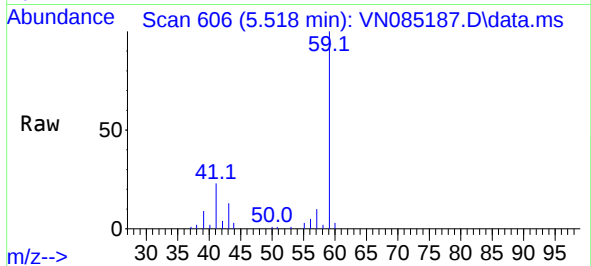
Tgt Ion:142 Resp: 102709
Ion Ratio Lower Upper
142 100
127 49.2 36.6 54.8
141 16.9 12.2 18.4





#11
Tert butyl alcohol
Concen: 248.505 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.024 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

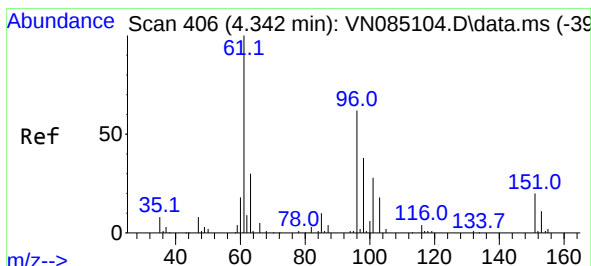
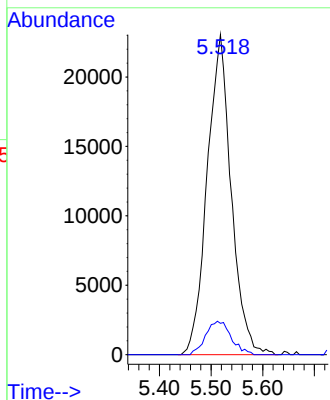
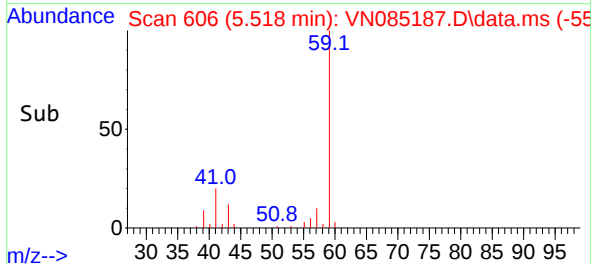
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



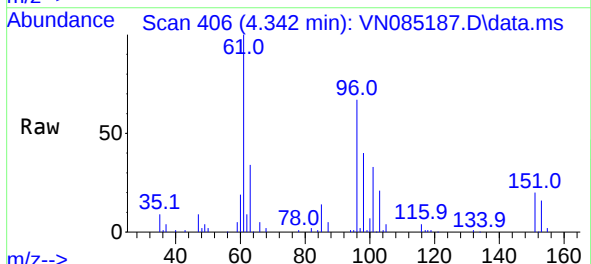
Tgt Ion: 59 Resp: 74390
Ion Ratio Lower Upper
59 100
57 11.1 7.4 11.0

Manual Integrations
APPROVED

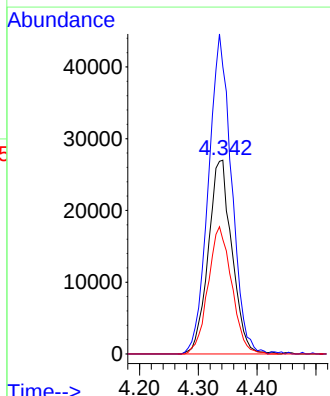
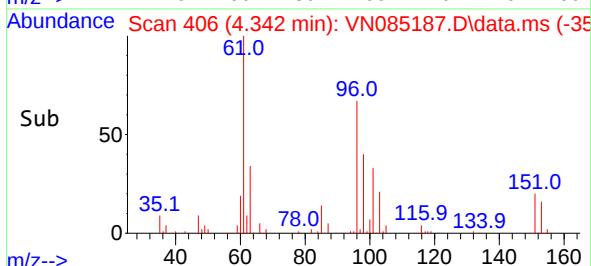
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

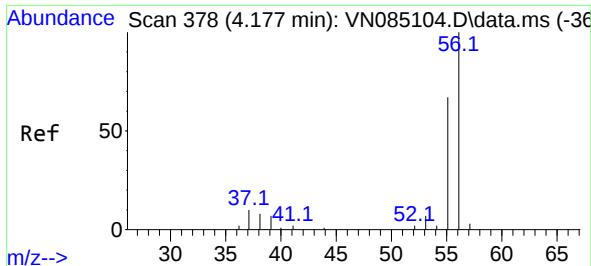


#12
1,1-Dichloroethene
Concen: 45.261 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.023 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



Tgt Ion: 96 Resp: 75550
Ion Ratio Lower Upper
96 100
61 148.2 127.8 191.8
98 59.1 49.2 73.8





#13

Acrolein

Concen: 255.643 ug/l

RT: 4.171 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 51064

Ion Ratio Lower Upper

56 100

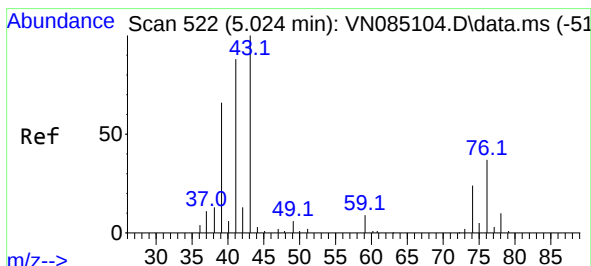
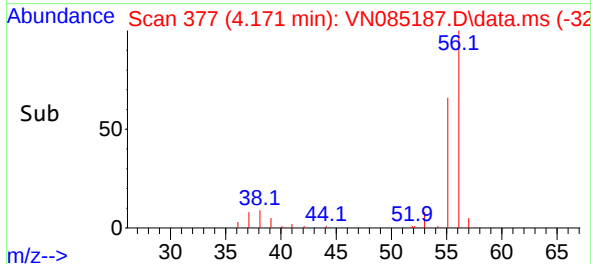
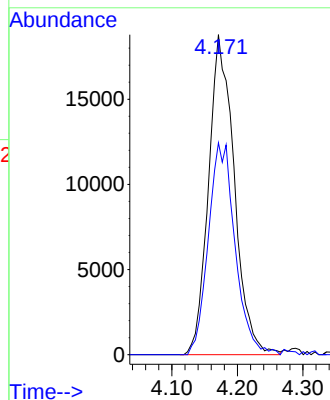
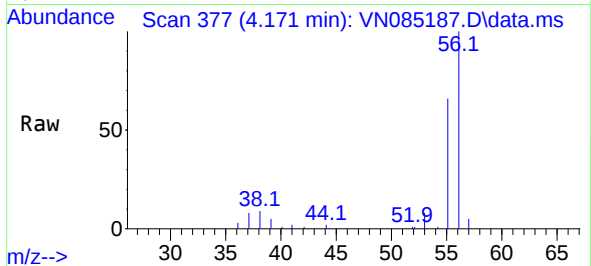
55 69.0 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#14

Allyl chloride

Concen: 40.531 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.018 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

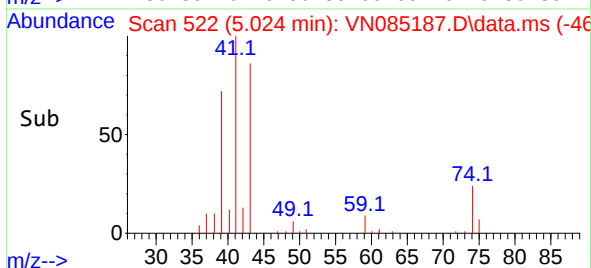
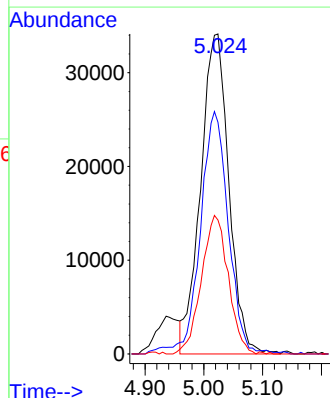
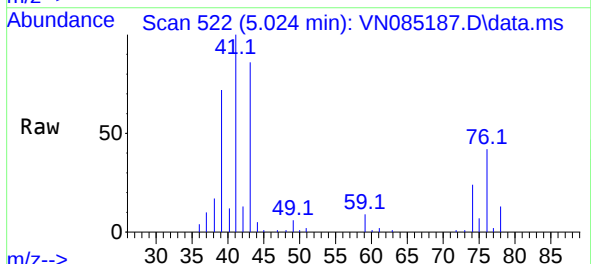
Tgt Ion: 41 Resp: 114050

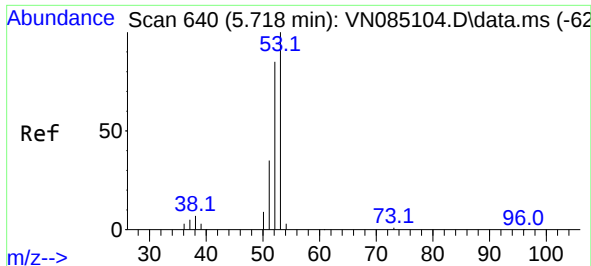
Ion Ratio Lower Upper

41 100

39 75.1 53.8 80.8

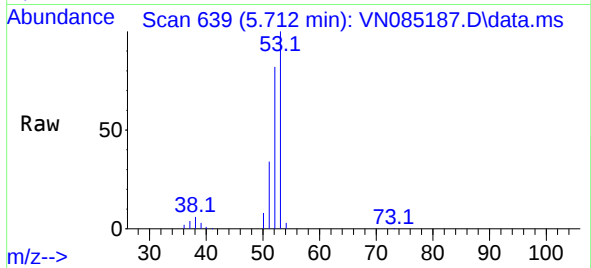
76 41.1 29.3 43.9





#15
Acrylonitrile
Concen: 250.050 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

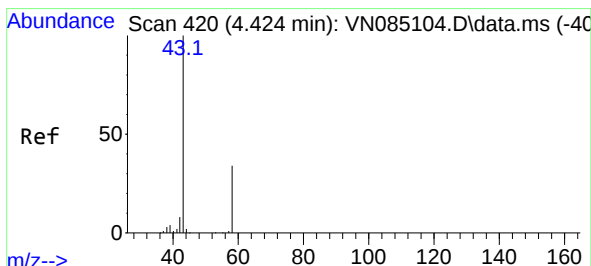
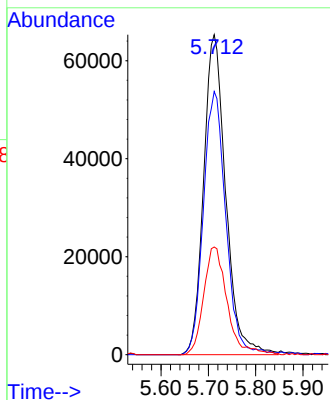
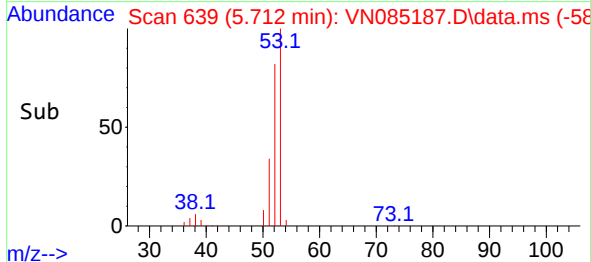
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 211919
Ion Ratio Lower Upper
53 100
52 83.2 65.5 98.3
51 35.6 28.4 42.6

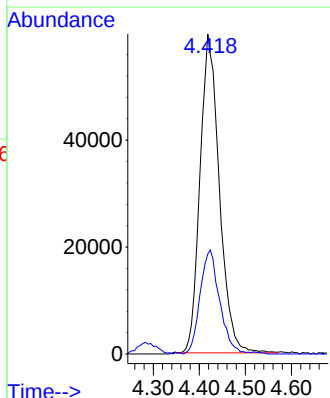
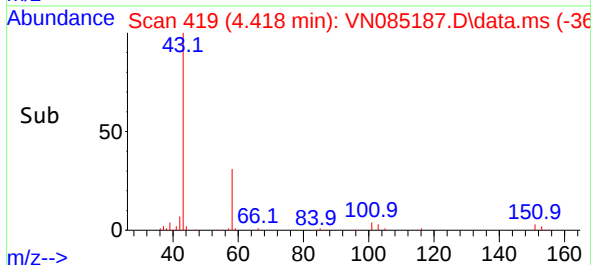
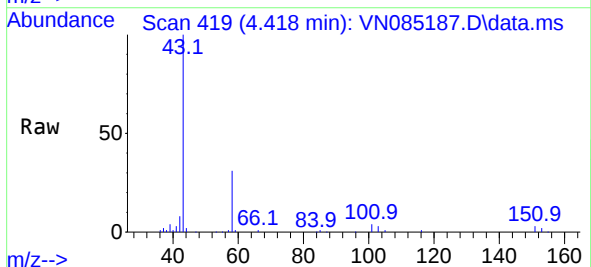
Manual Integrations
APPROVED

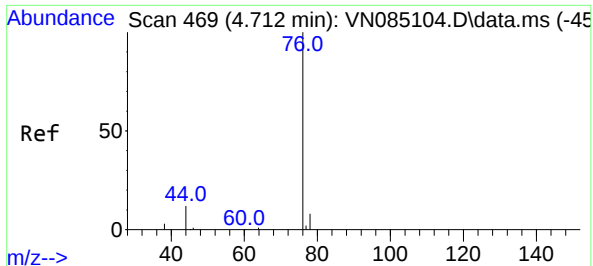
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#16
Acetone
Concen: 267.212 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

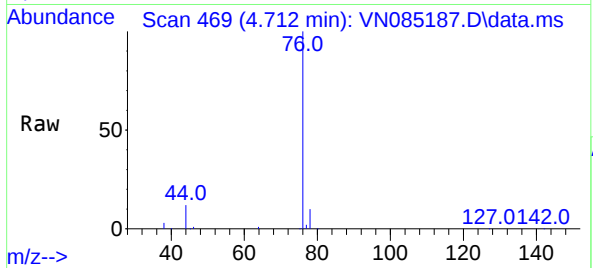
Tgt Ion: 43 Resp: 174331
Ion Ratio Lower Upper
43 100
58 31.4 25.4 38.2





#17
Carbon Disulfide
Concen: 38.272 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.018 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

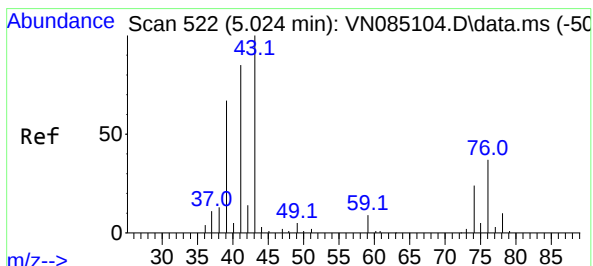
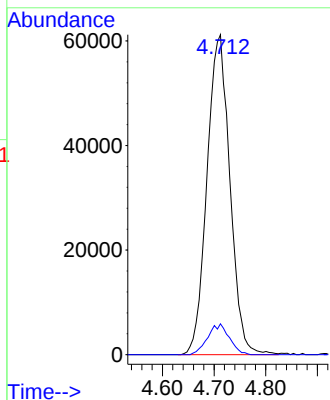
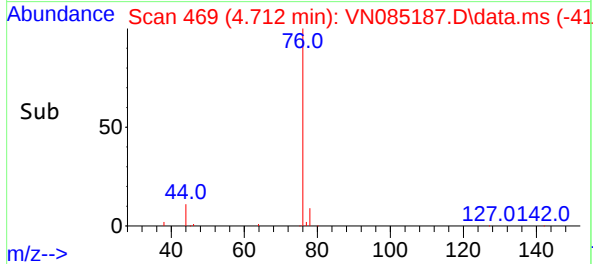
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



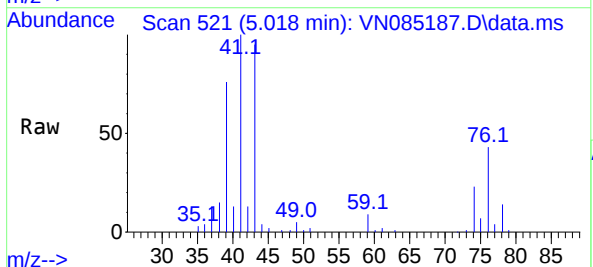
Tgt Ion: 76 Resp: 18856
Ion Ratio Lower Upper
76 100
78 9.7 6.5 9.7

Manual Integrations
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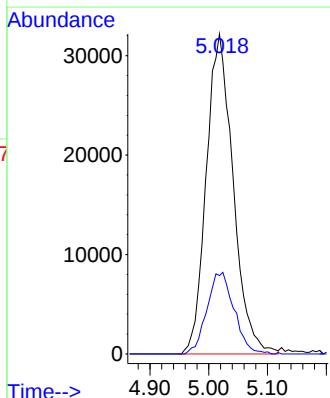
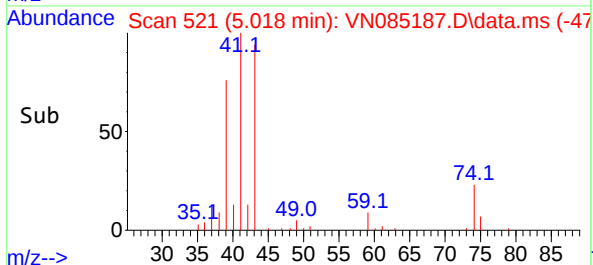
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

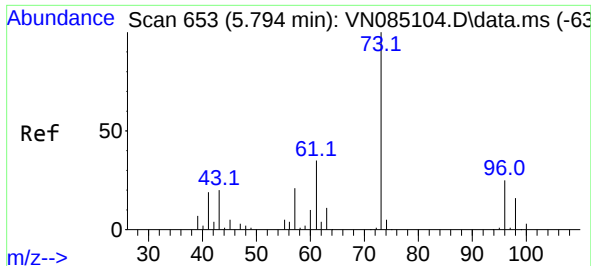


#18
Methyl Acetate
Concen: 48.992 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



Tgt Ion: 43 Resp: 102208
Ion Ratio Lower Upper
43 100
74 25.8 20.1 30.1





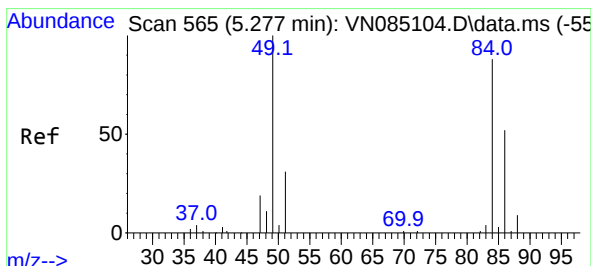
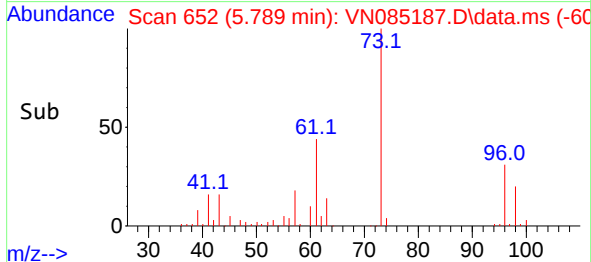
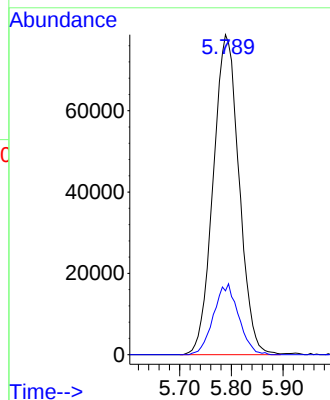
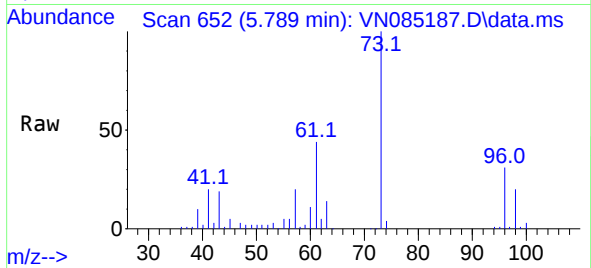
#19
Methyl tert-butyl Ether
Concen: 50.121 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 273352
Ion Ratio Lower Upper
73 100
57 19.9 17.0 25.4

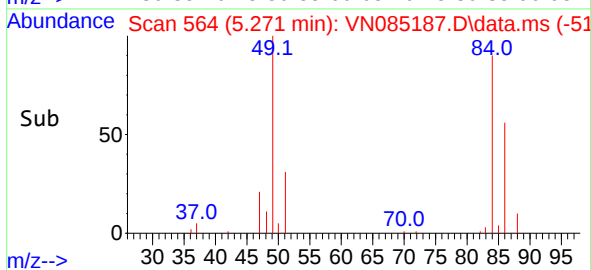
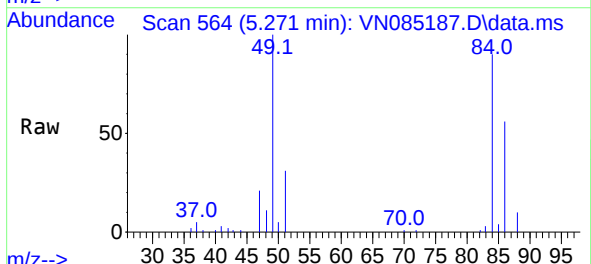
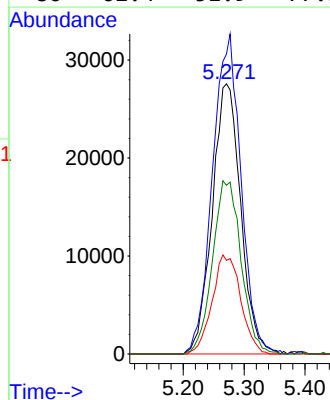
Manual Integrations
APPROVED

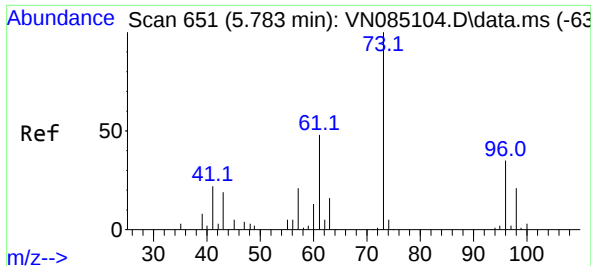
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#20
Methylene Chloride
Concen: 44.981 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

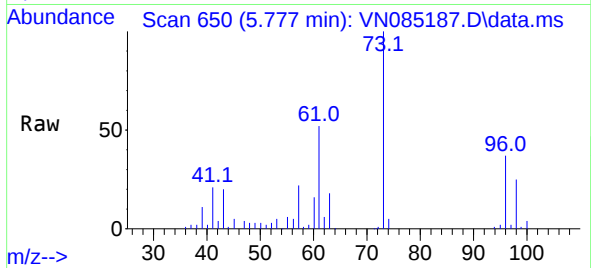
Tgt Ion: 84 Resp: 89549
Ion Ratio Lower Upper
84 100
49 111.0 92.7 139.1
51 34.7 29.4 44.2
86 62.4 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 44.994 ug/l
RT: 5.777 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

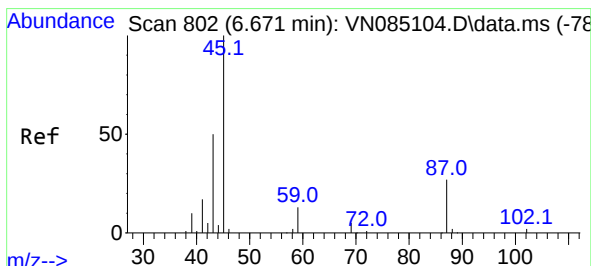
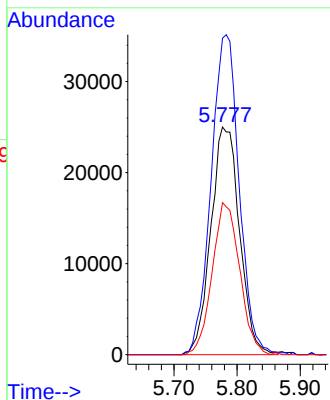
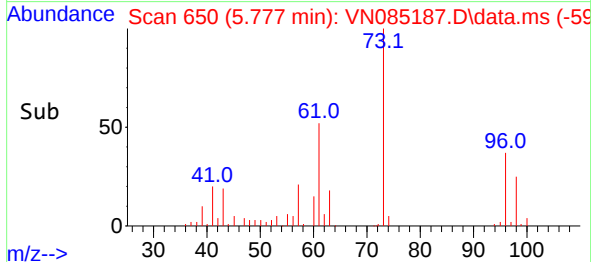
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



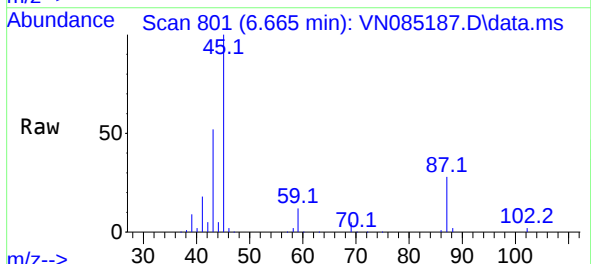
Tgt Ion: 96 Resp: 79034
Ion Ratio Lower Upper
96 100
61 139.0 100.7 151.1
98 66.7 45.8 68.6

Manual Integrations
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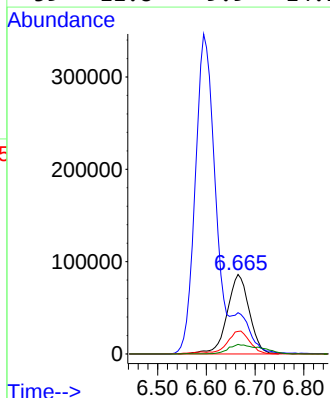
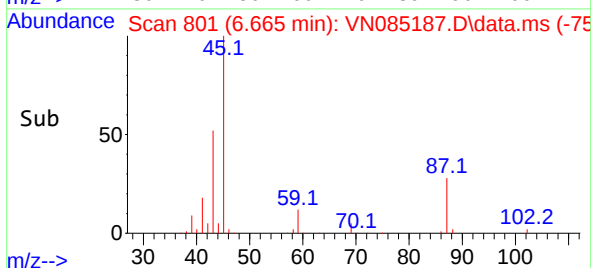
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

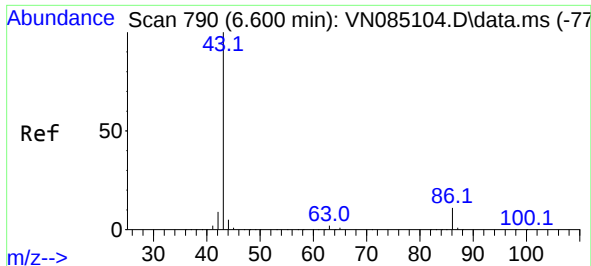


#22
Diisopropyl ether
Concen: 47.786 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



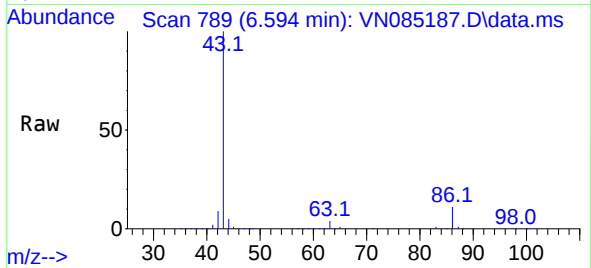
Tgt Ion: 45 Resp: 270635
Ion Ratio Lower Upper
45 100
43 50.5 42.7 64.1
87 28.2 22.6 34.0
59 11.8 9.9 14.9





#23
 Vinyl Acetate
 Concen: 250.444 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29

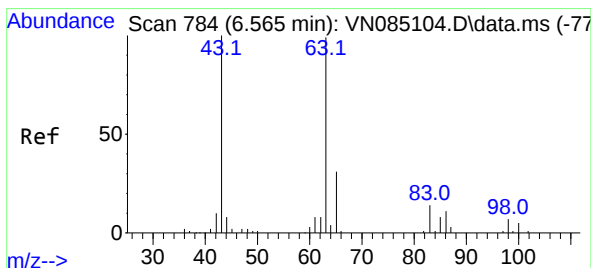
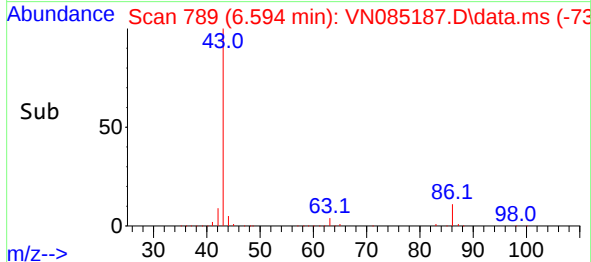
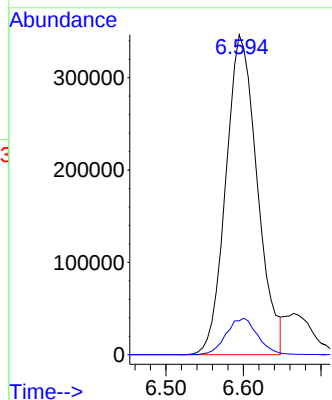
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 978510
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.9 13.3

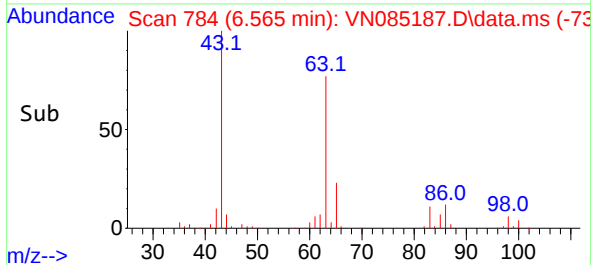
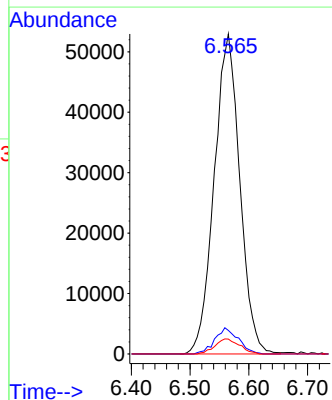
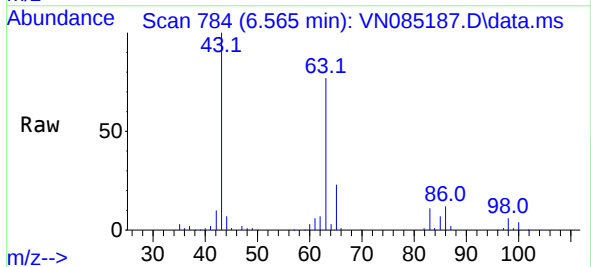
Manual Integrations
 APPROVED

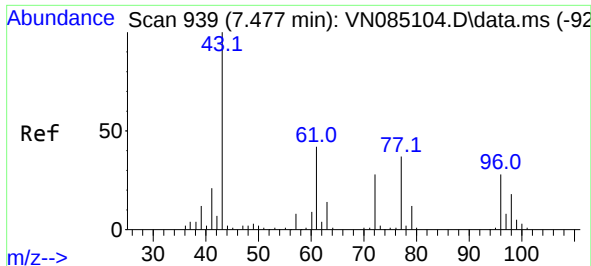
Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024



#24
 1,1-Dichloroethane
 Concen: 47.250 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29

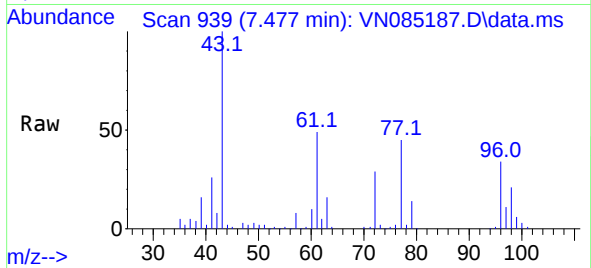
Tgt Ion: 63 Resp: 160137
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.6 2.2 6.6





#25
2-Butanone
Concen: 251.085 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

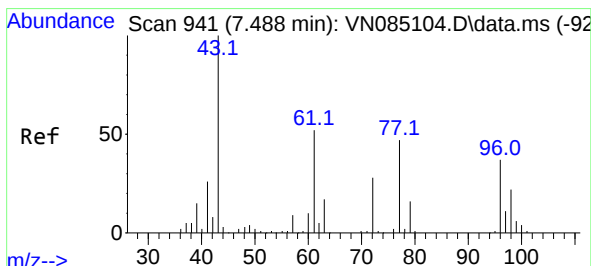
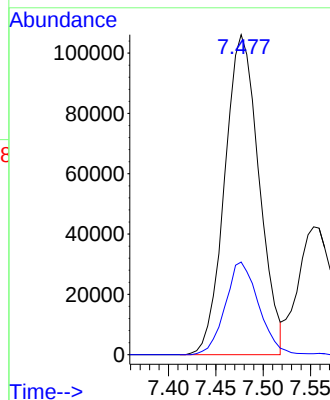
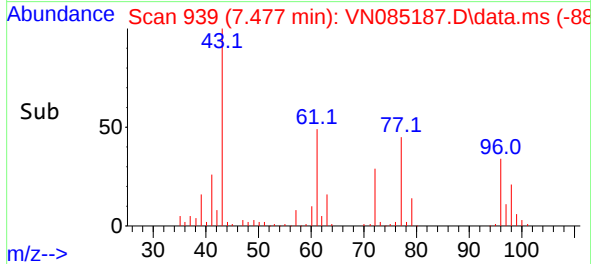
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



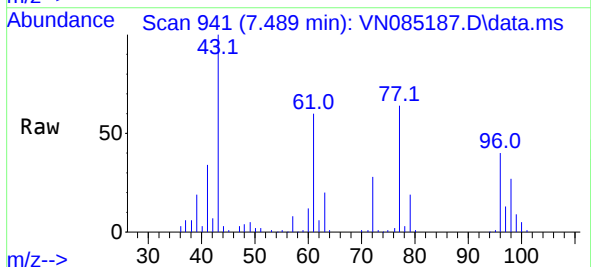
Tgt Ion: 43 Resp: 267815
Ion Ratio Lower Upper
43 100
72 29.0 21.4 32.0

Manual Integrations
APPROVED

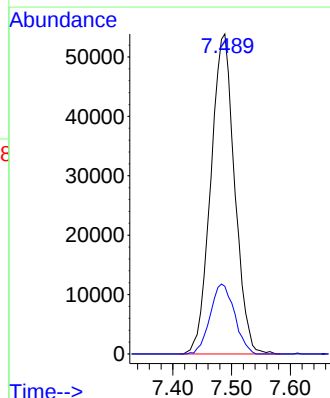
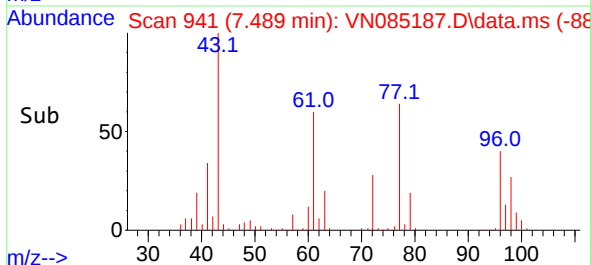
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

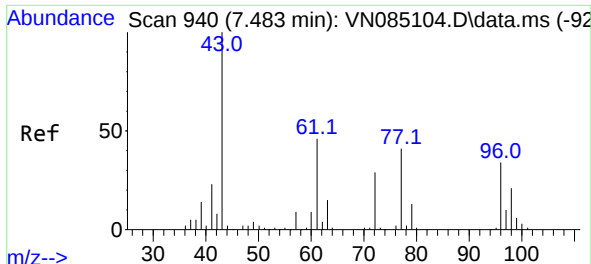


#26
2,2-Dichloropropane
Concen: 47.928 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



Tgt Ion: 77 Resp: 151677
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.7





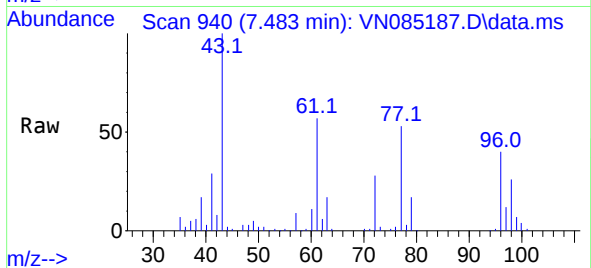
#27
cis-1,2-Dichloroethene
Concen: 46.976 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



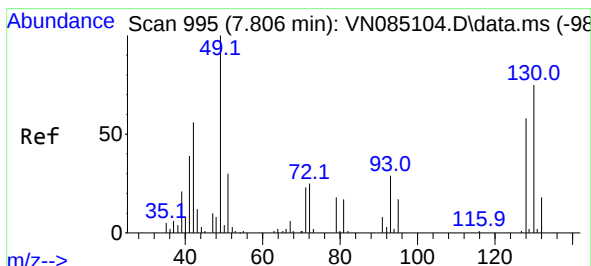
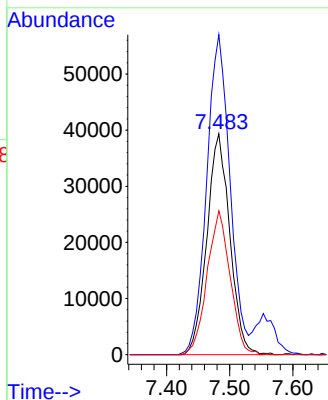
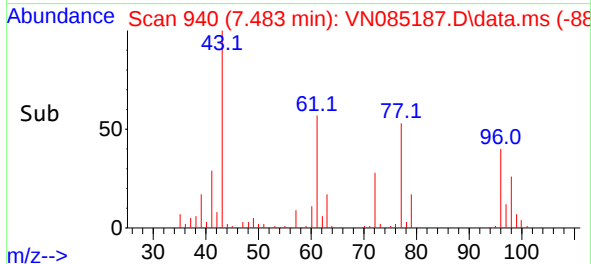
Tgt Ion: 96 Resp: 9947
Ion Ratio Lower Upper
96 100
61 147.0 0.0 291.6
98 65.1 0.0 129.8

Manual Integrations

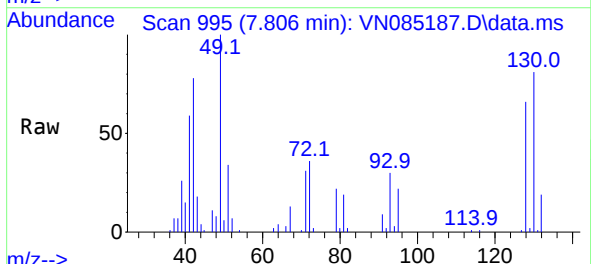
APPROVED

Reviewed By :John Carlone 12/13/2024

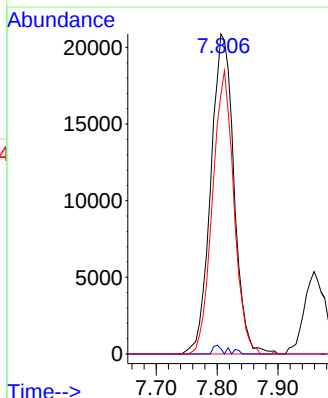
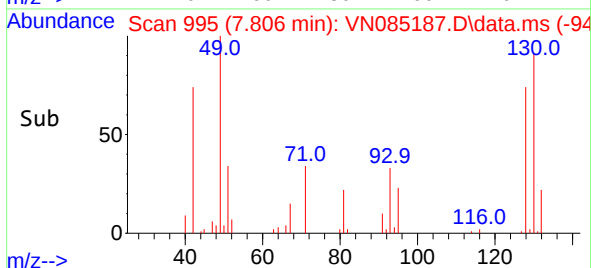
Supervised By :Mahesh Dadoda 12/13/2024

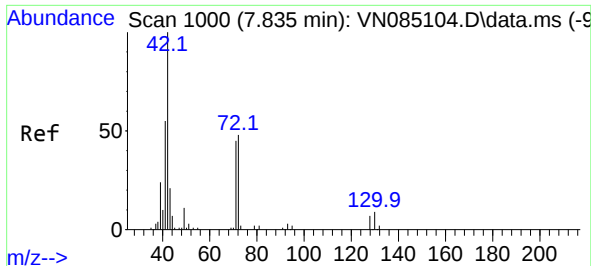


#28
Bromochloromethane
Concen: 43.129 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



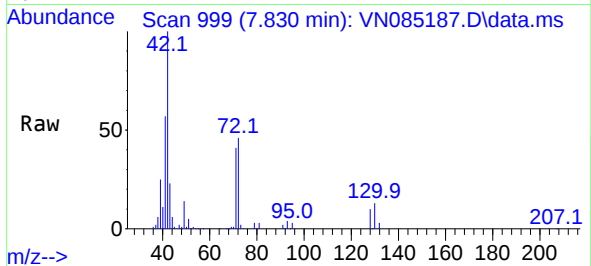
Tgt Ion: 49 Resp: 55177
Ion Ratio Lower Upper
49 100
129 0.3 0.0 4.0
130 81.4 60.6 90.8





#29
Tetrahydrofuran
Concen: 260.225 ug/l
RT: 7.830 min Scan# 999
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

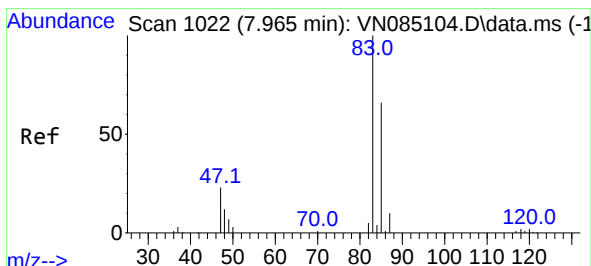
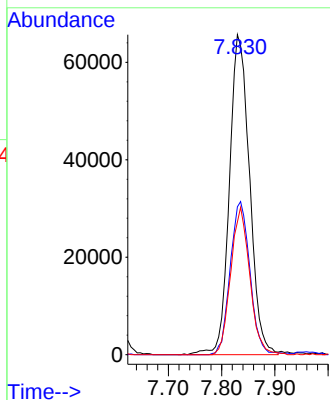
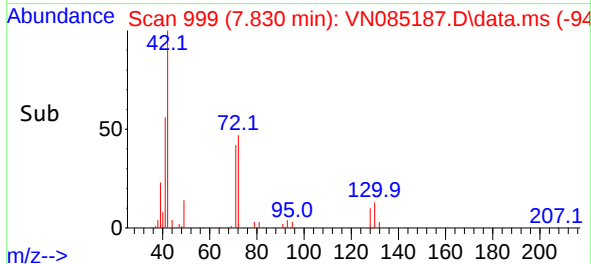
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 172608
Ion Ratio Lower Upper
42 100
72 46.9 37.0 55.4
71 43.5 35.0 52.4

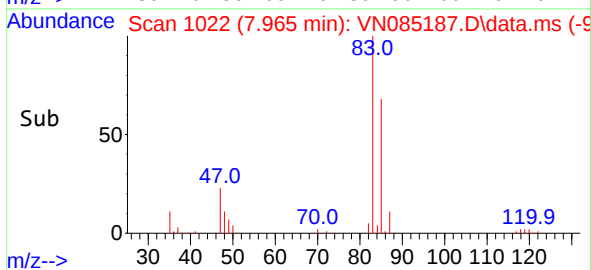
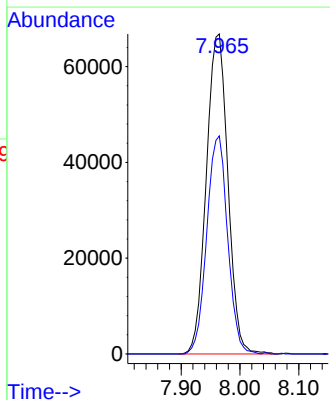
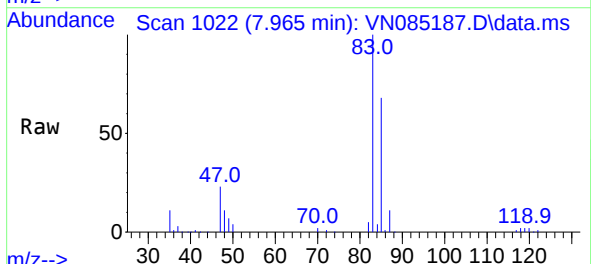
Manual Integrations
APPROVED

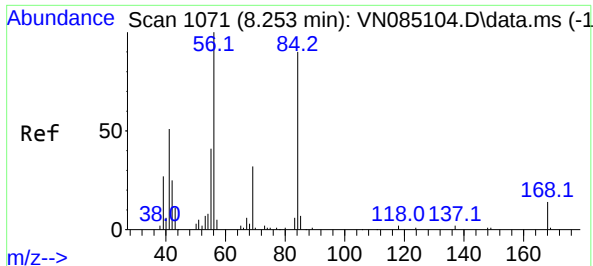
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#30
Chloroform
Concen: 47.284 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

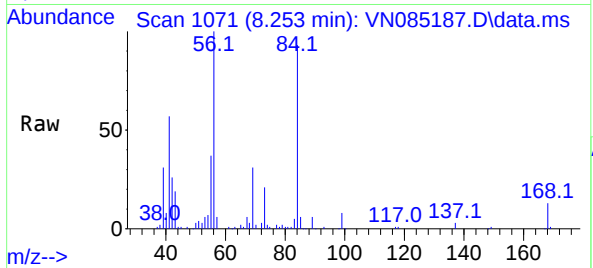
Tgt Ion: 83 Resp: 170468
Ion Ratio Lower Upper
83 100
85 68.1 52.6 78.8





#31
Cyclohexane
Concen: 39.835 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

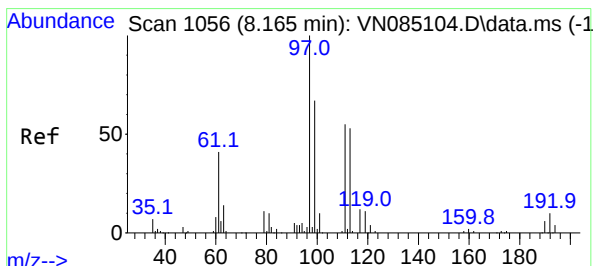
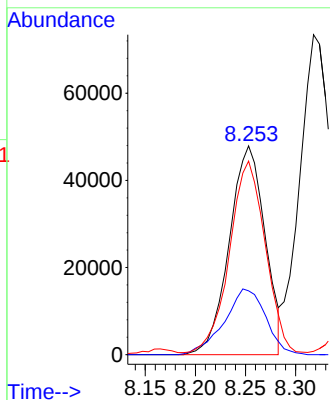
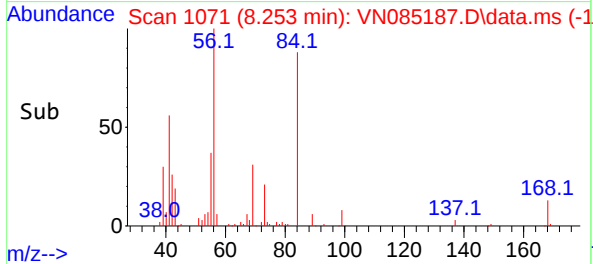
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



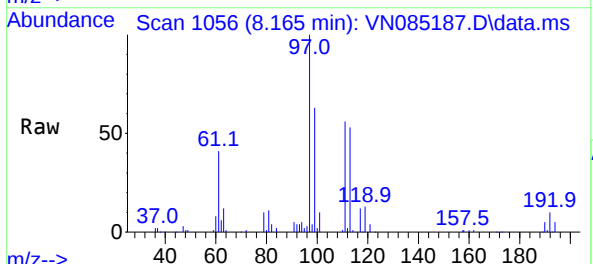
Tgt Ion: 56 Resp: 11886
Ion Ratio Lower Upper
56 100
69 30.6 24.6 36.8
84 91.7 71.4 107.2

Manual Integrations
APPROVED

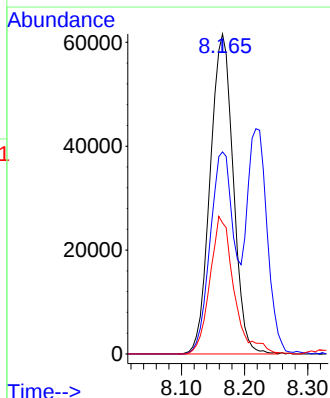
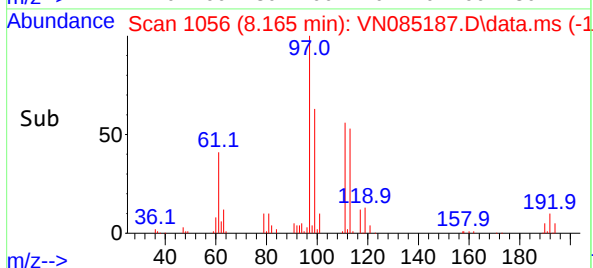
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

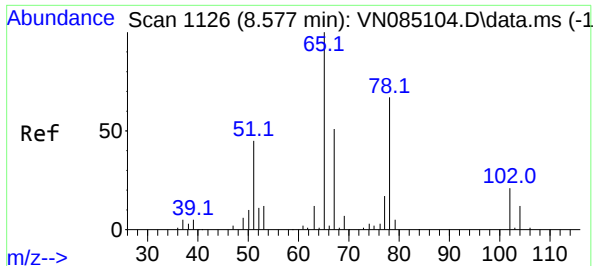


#32
1,1,1-Trichloroethane
Concen: 47.943 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



Tgt Ion: 97 Resp: 156188
Ion Ratio Lower Upper
97 100
99 66.4 51.0 76.4
61 45.0 36.2 54.2





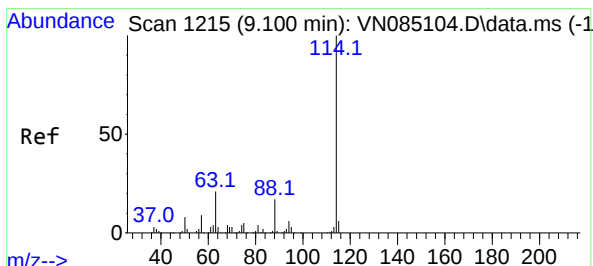
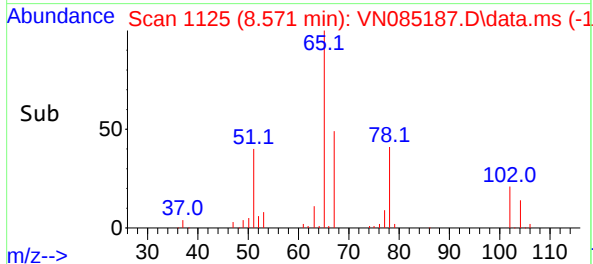
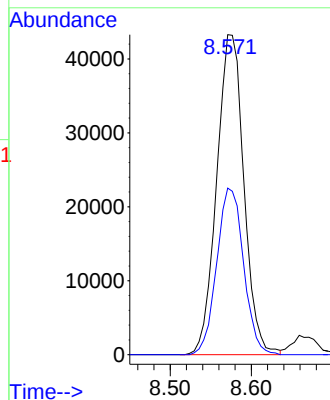
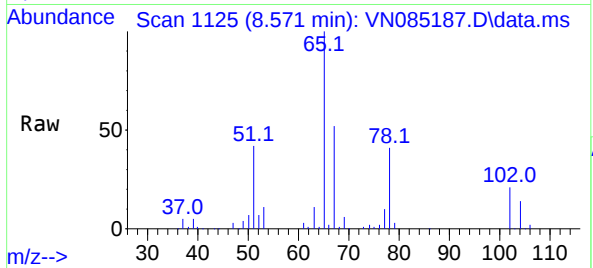
#33
1,2-Dichloroethane-d4
Concen: 45.024 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 100858
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.0

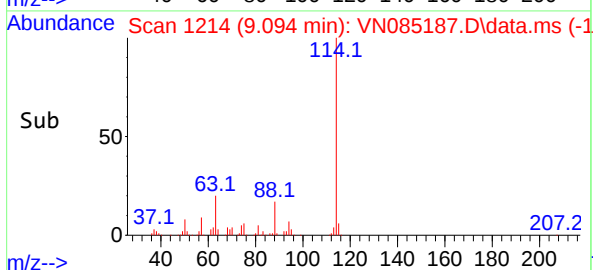
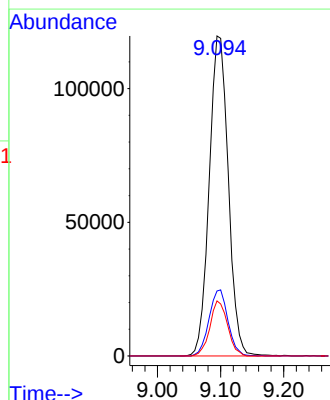
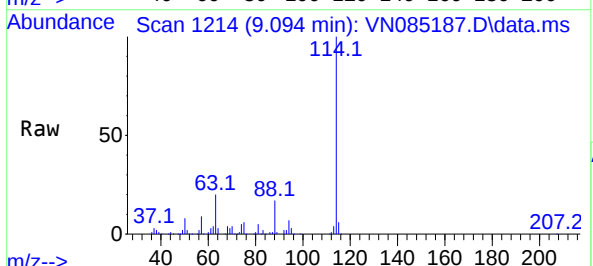
Manual Integrations
APPROVED

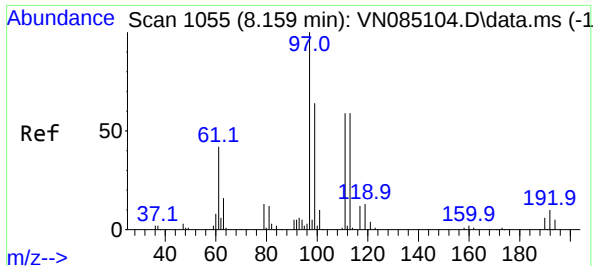
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

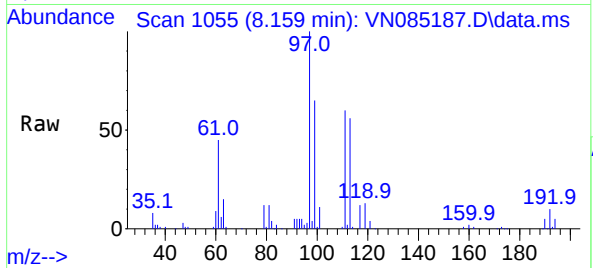
Tgt Ion:114 Resp: 250897
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 17.2 0.0 34.8





#35
Dibromofluoromethane
Concen: 48.429 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

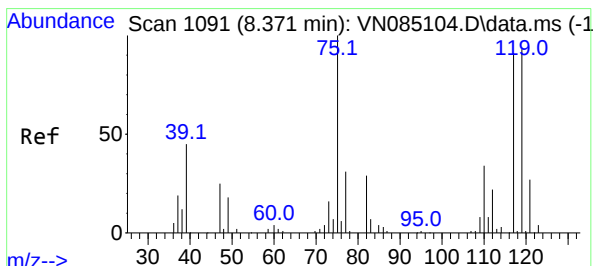
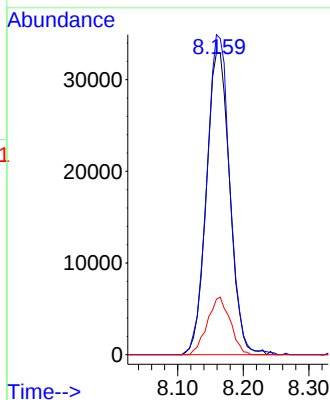
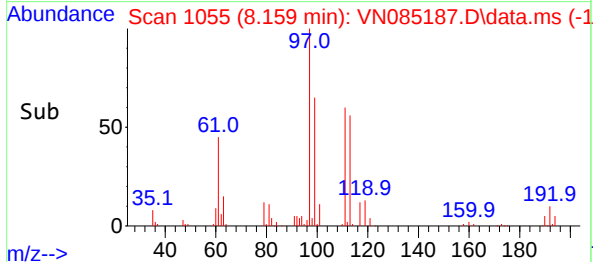
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



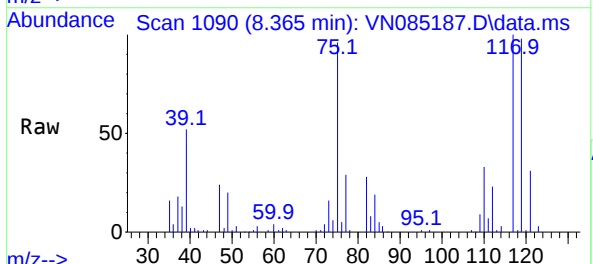
Tgt Ion: 113 Resp: 81940
Ion Ratio Lower Upper
113 100
111 104.0 82.0 123.0
192 18.6 14.8 22.2

Manual Integrations
APPROVED

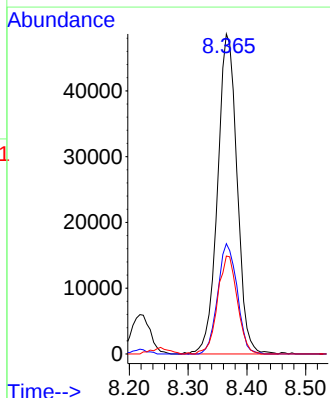
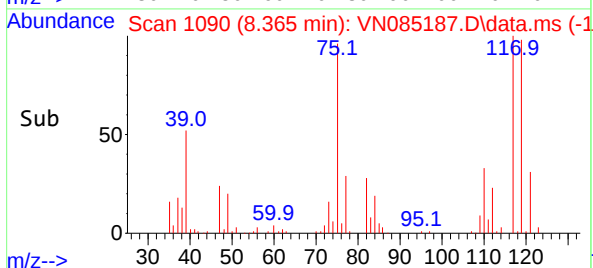
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

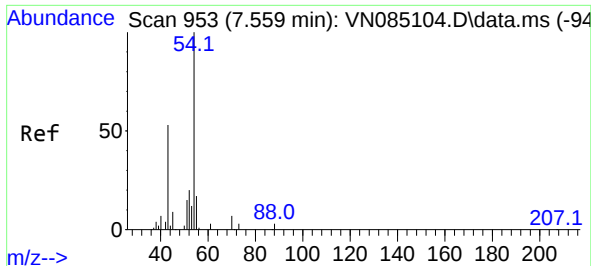


#36
1,1-Dichloropropene
Concen: 48.915 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



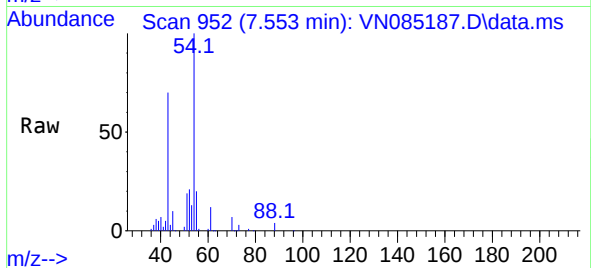
Tgt Ion: 75 Resp: 112100
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.6
77 30.9 24.2 36.4





#37
Ethyl Acetate
Concen: 51.721 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

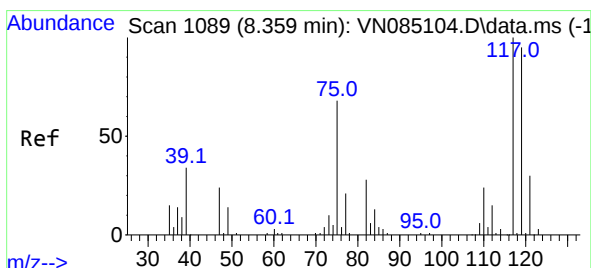
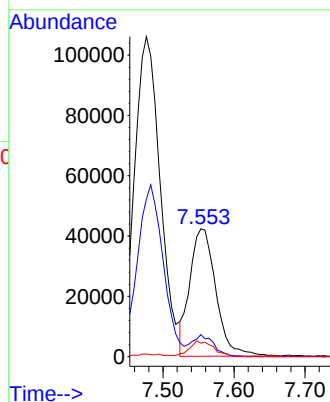
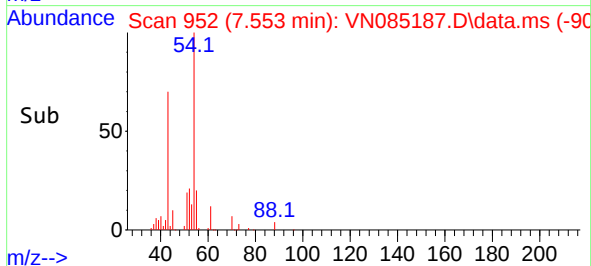
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 107759
Ion Ratio Lower Upper
43 100
61 14.8 11.7 17.5
70 11.4 9.3 13.9

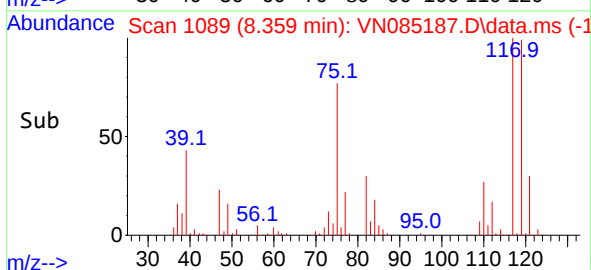
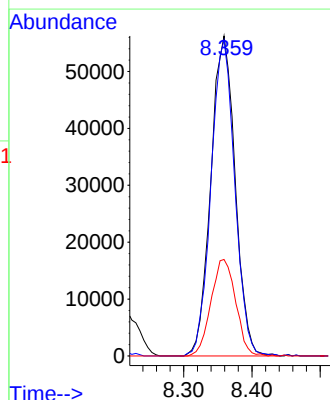
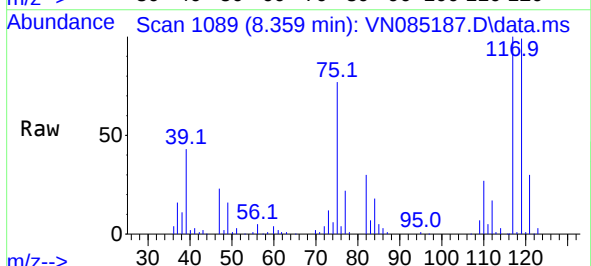
Manual Integrations
APPROVED

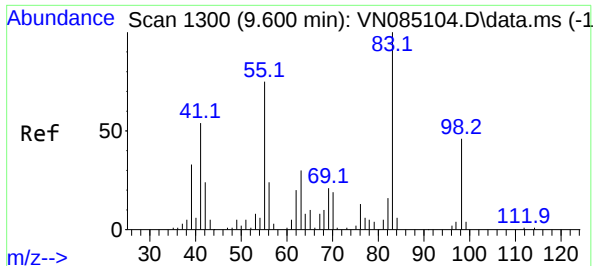
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#38
Carbon Tetrachloride
Concen: 52.815 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion:117 Resp: 139715
Ion Ratio Lower Upper
117 100
119 98.7 78.6 117.8
121 30.1 24.2 36.2





#39
Methylcyclohexane
Concen: 49.295 ug/l
RT: 9.594 min Scan# 11739
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

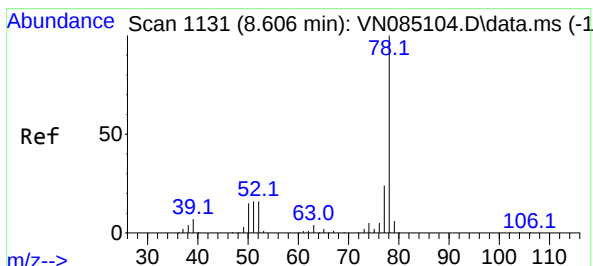
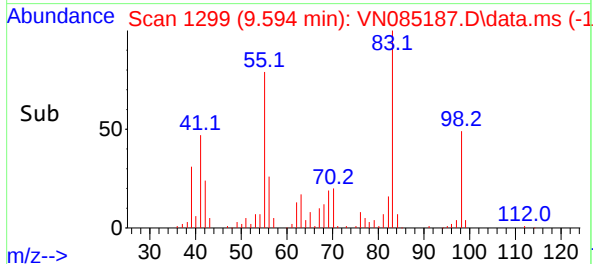
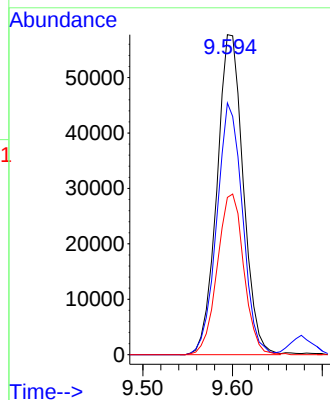
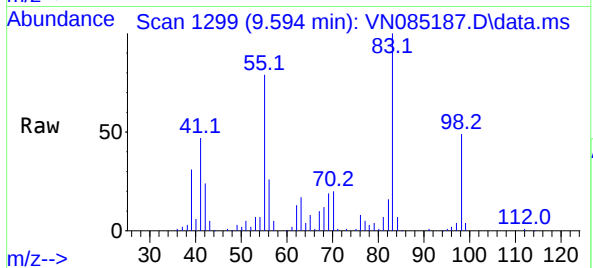
Tgt Ion: 83 Resp: 11739
Ion Ratio Lower Upper
83 100
55 78.7 61.8 92.6
98 49.2 37.0 55.6

Manual Integrations

APPROVED

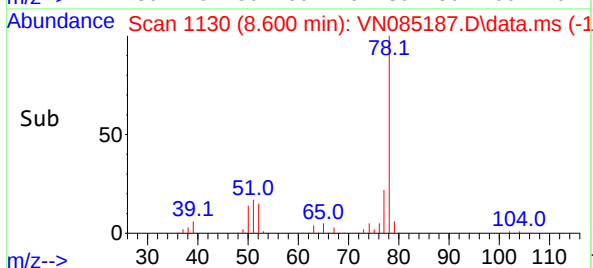
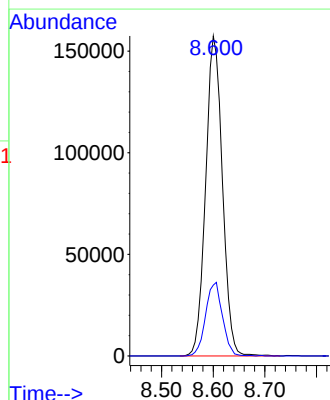
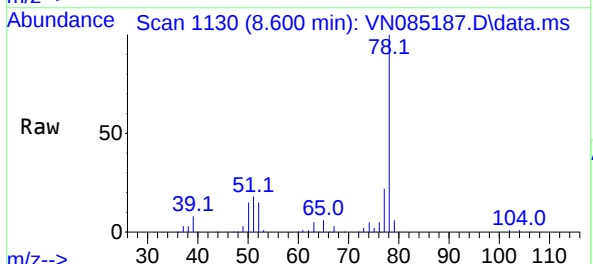
Reviewed By :John Carlone 12/13/2024

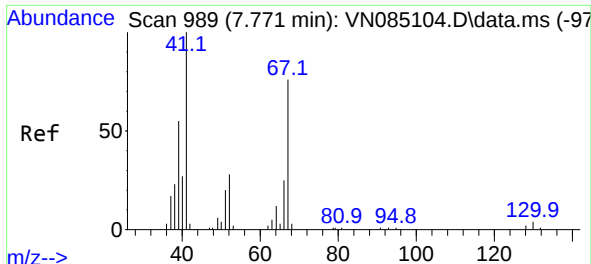
Supervised By :Mahesh Dadoda 12/13/2024



#40
Benzene
Concen: 48.941 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 78 Resp: 354747
Ion Ratio Lower Upper
78 100
77 22.1 18.5 27.7





#41
Methacrylonitrile
Concen: 54.665 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

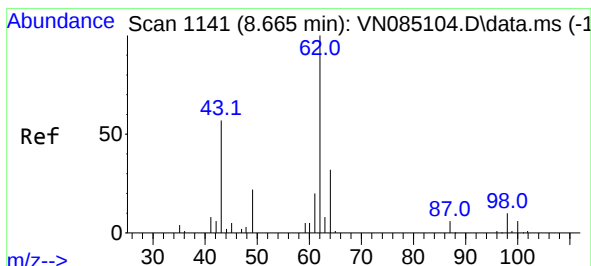
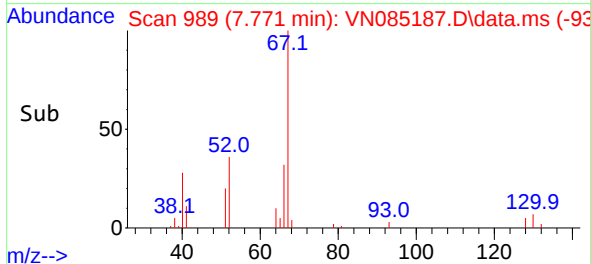
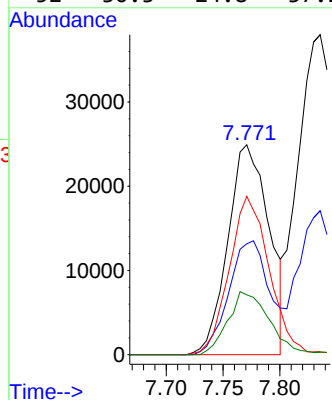
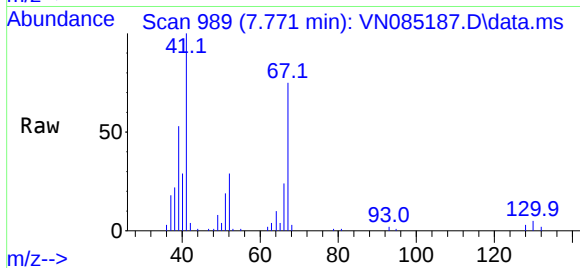
VSTDCCC050EC

Tgt Ion: 41 Resp: 63059
Ion Ratio Lower Upper
41 100
39 56.2 42.6 63.8
67 73.2 59.9 89.9
52 30.3 24.8 37.2

Manual Integrations

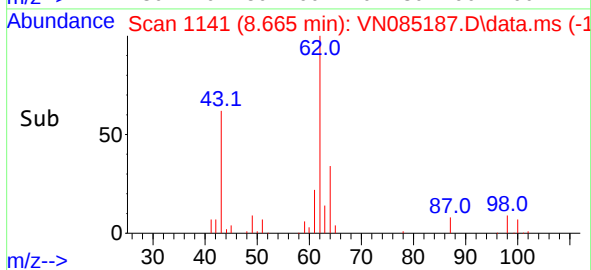
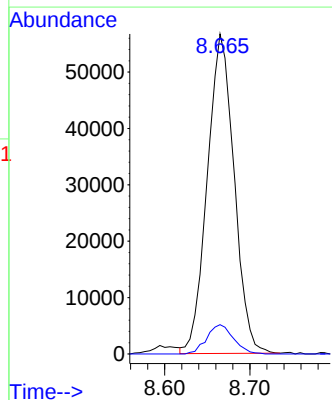
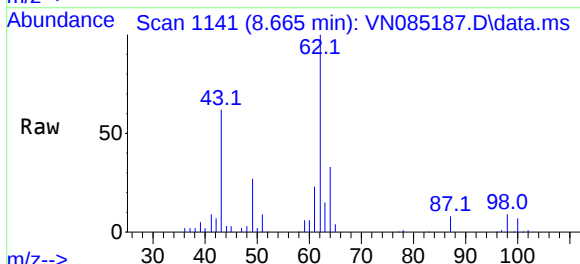
APPROVED

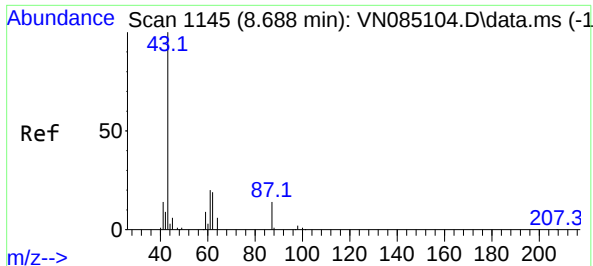
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#42
1,2-Dichloroethane
Concen: 50.001 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

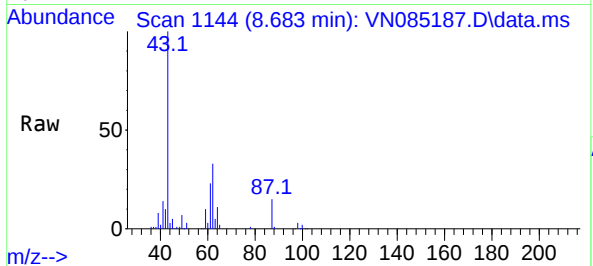
Tgt Ion: 62 Resp: 123989
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.2





#43
Isopropyl Acetate
Concen: 44.699 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

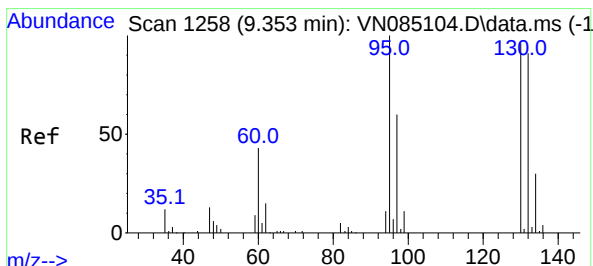
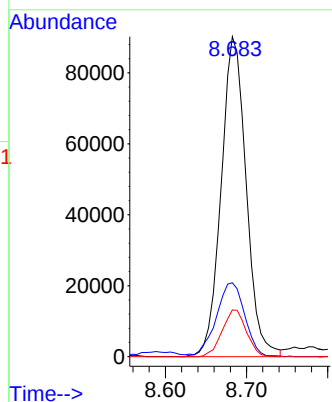
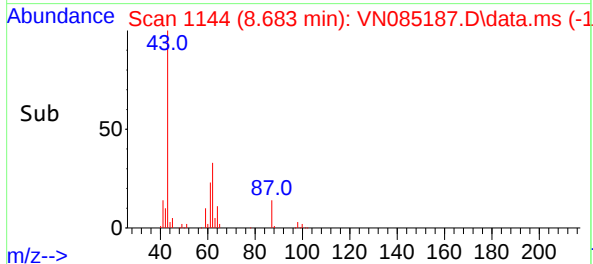
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 19344
Ion Ratio Lower Upper
43 100
61 26.5 20.6 30.8
87 14.1 11.0 16.4

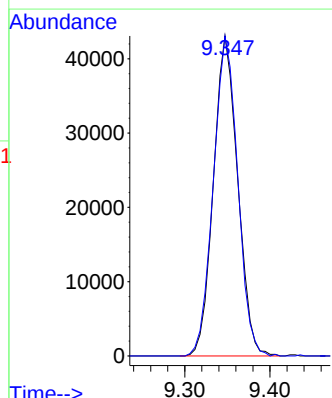
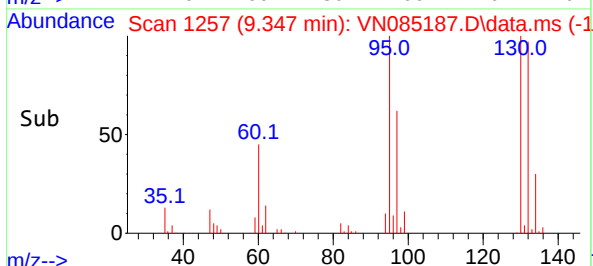
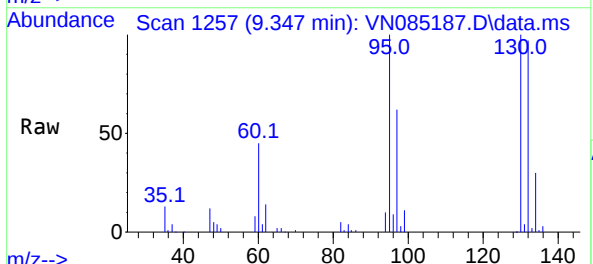
Manual Integrations
APPROVED

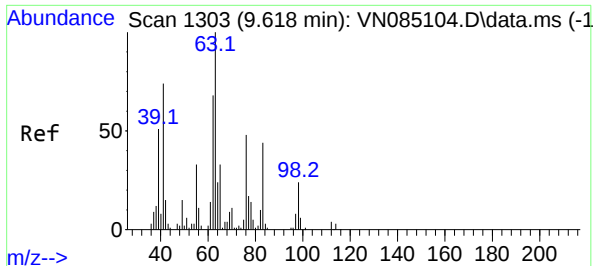
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#44
Trichloroethene
Concen: 50.441 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

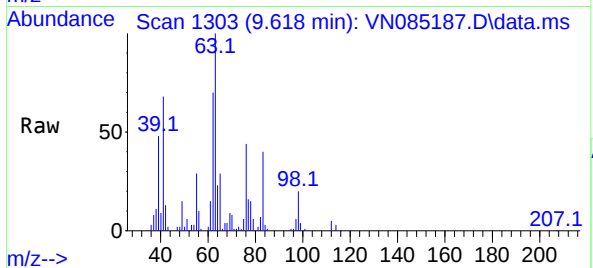
Tgt Ion:130 Resp: 84967
Ion Ratio Lower Upper
130 100
95 99.9 0.0 213.4





#45
1,2-Dichloropropane
Concen: 49.697 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

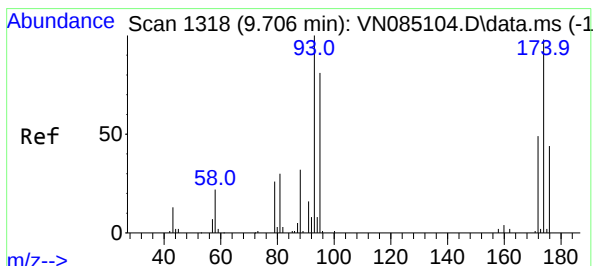
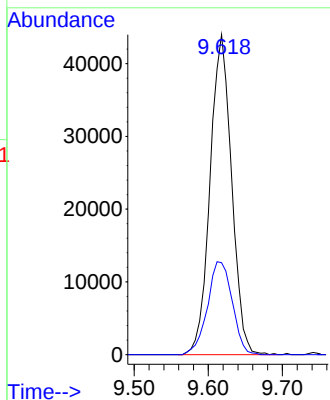
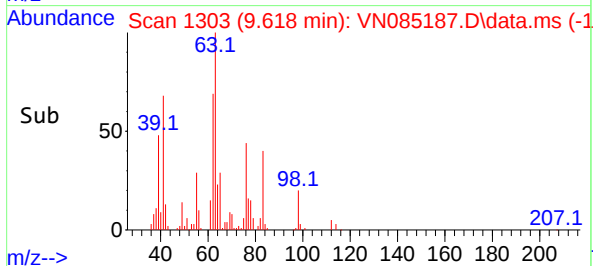
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



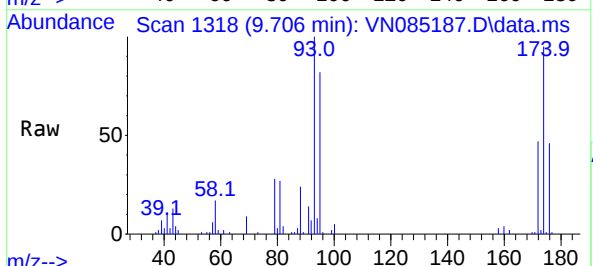
Tgt Ion: 63 Resp: 8872
Ion Ratio Lower Upper
63 100
65 28.7 24.0 36.0

Manual Integrations
APPROVED

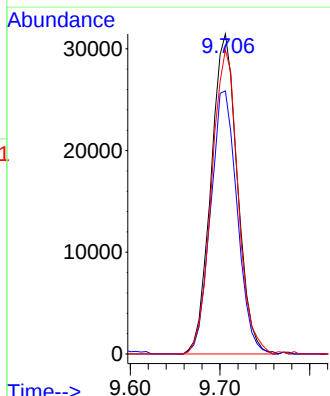
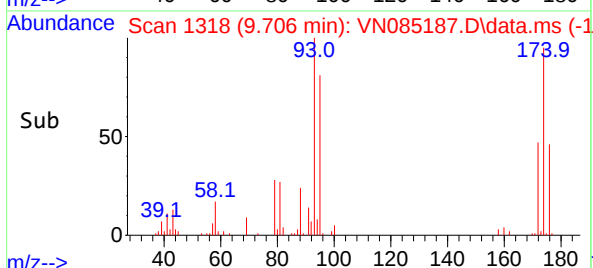
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

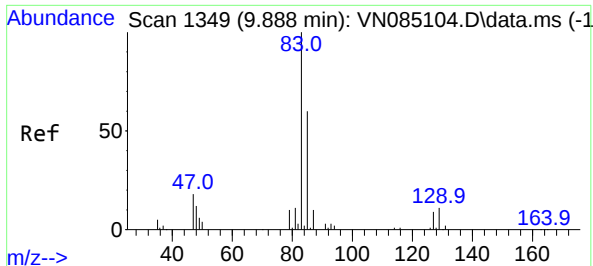


#46
Dibromomethane
Concen: 51.750 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



Tgt Ion: 93 Resp: 64197
Ion Ratio Lower Upper
93 100
95 82.8 66.2 99.4
174 94.7 74.9 112.3





#47
Bromodichloromethane
Concen: 52.632 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

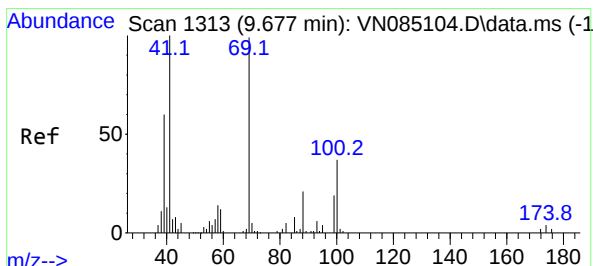
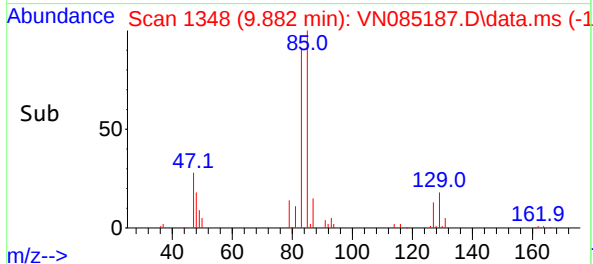
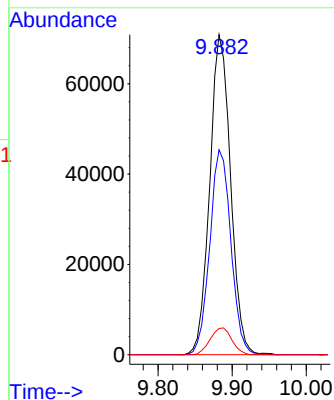
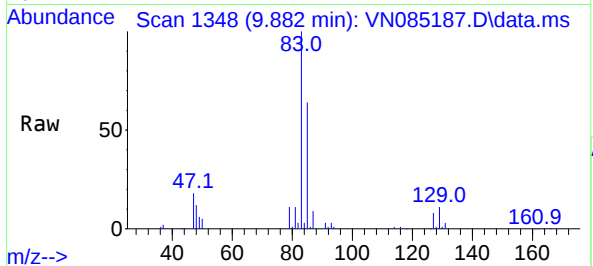
Tgt Ion: 83 Resp: 13838
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 8.2 7.1 10.7

Manual Integrations

APPROVED

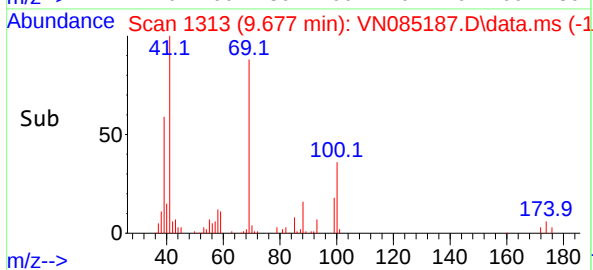
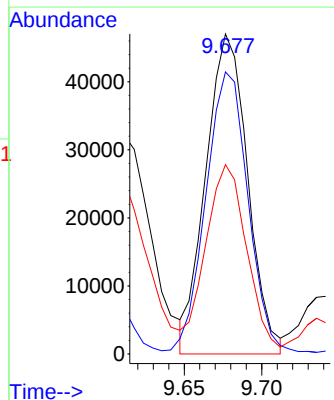
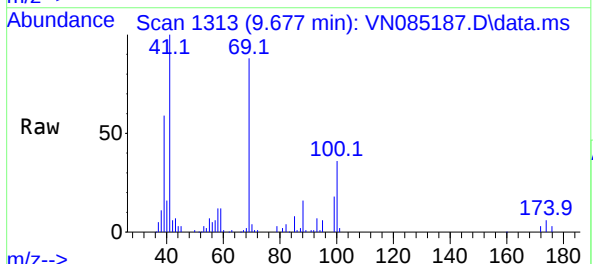
Reviewed By :John Carlone 12/13/2024

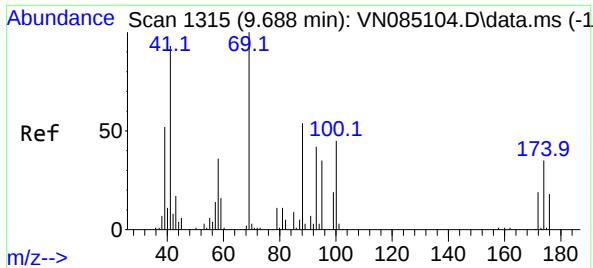
Supervised By :Mahesh Dadoda 12/13/2024



#48
Methyl methacrylate
Concen: 54.864 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 41 Resp: 88355
Ion Ratio Lower Upper
41 100
69 90.1 73.2 109.8
39 58.6 46.2 69.4





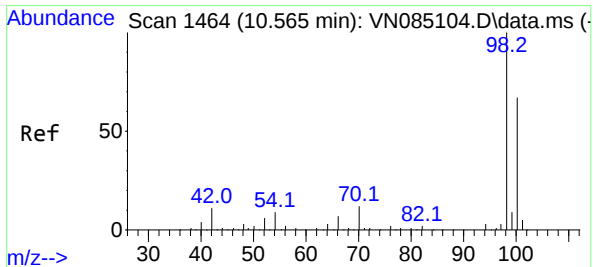
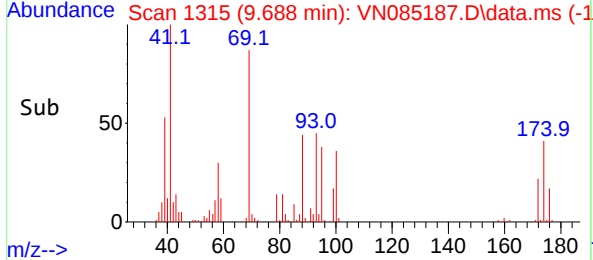
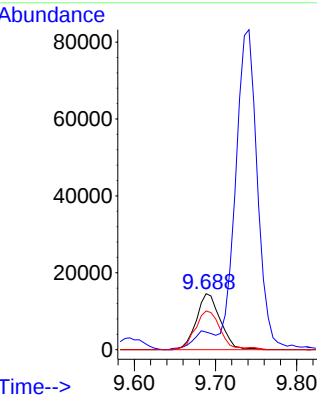
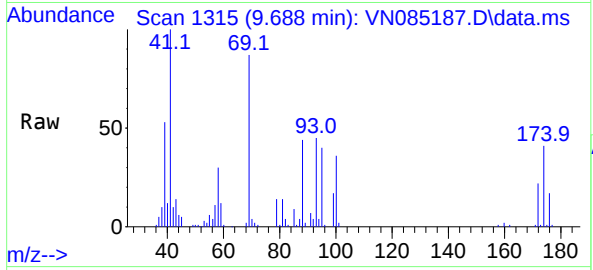
#49
1,4-Dioxane
Concen: 1066.431 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 2978
Ion Ratio Lower Upper
88 100
43 30.3 16.7 25.1
58 71.1 56.5 84.7

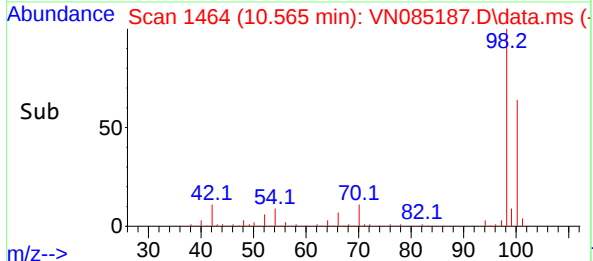
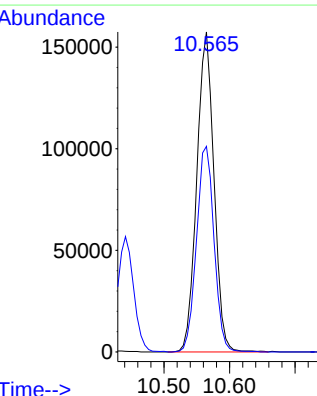
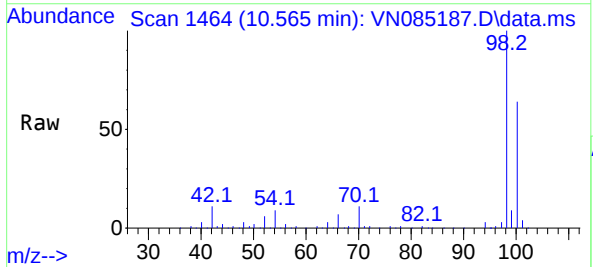
Manual Integrations
APPROVED

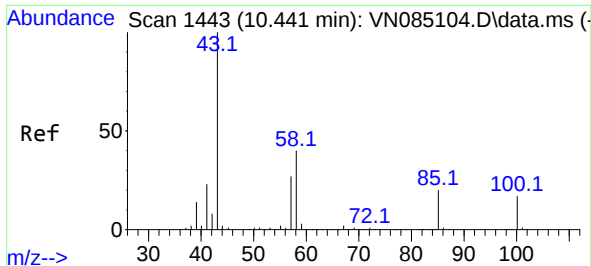
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#50
Toluene-d8
Concen: 47.207 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

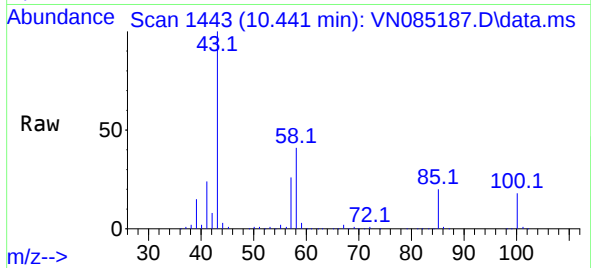
Tgt Ion: 98 Resp: 286244
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 290.798 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

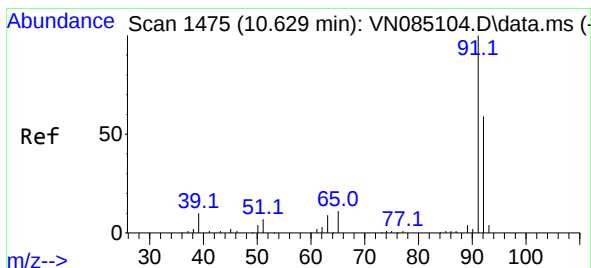
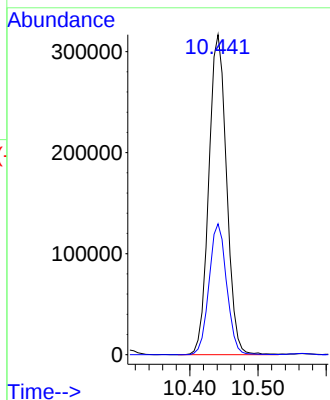
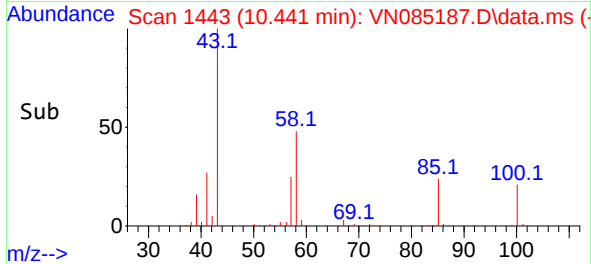
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



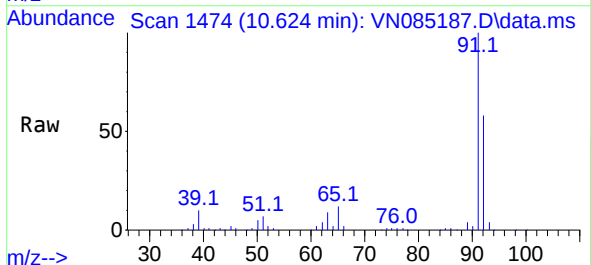
Tgt Ion: 43 Resp: 574810
Ion Ratio Lower Upper
43 100
58 40.5 32.1 48.1

Manual Integrations
APPROVED

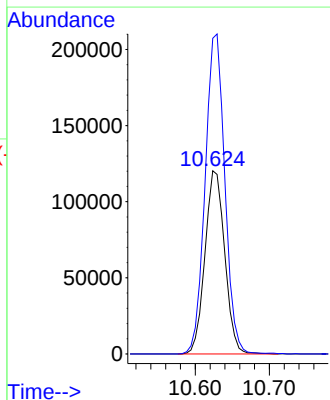
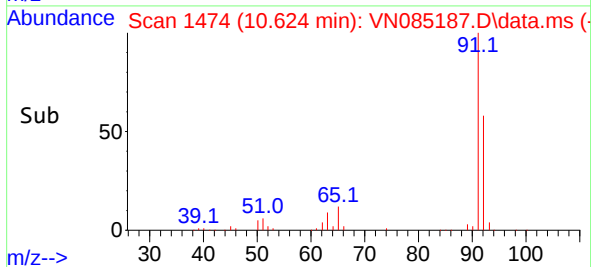
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

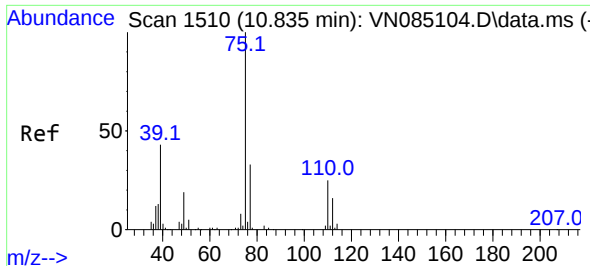


#52
Toluene
Concen: 51.849 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



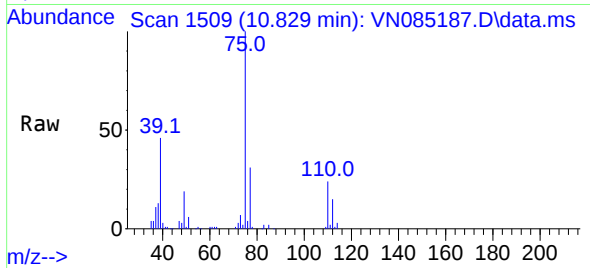
Tgt Ion: 92 Resp: 222486
Ion Ratio Lower Upper
92 100
91 174.4 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 52.581 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

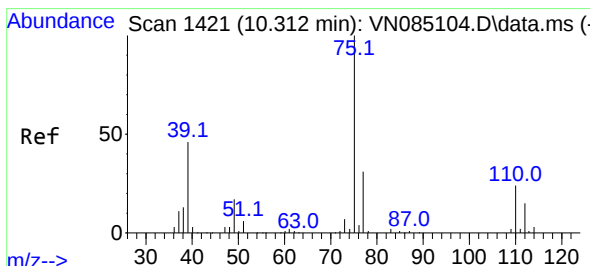
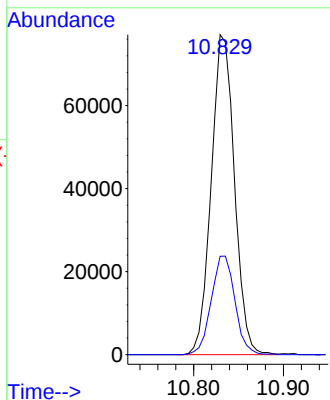
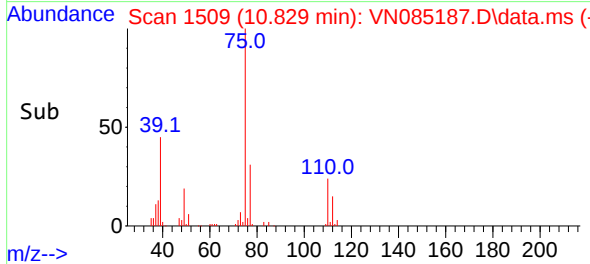
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 138602
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4

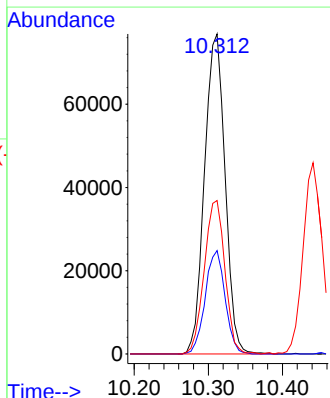
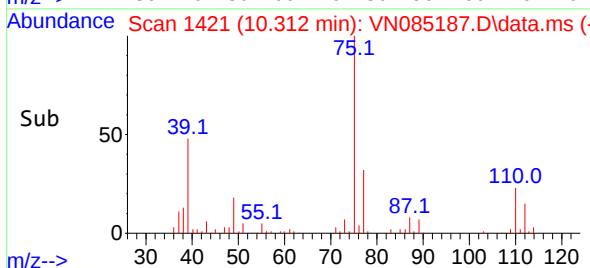
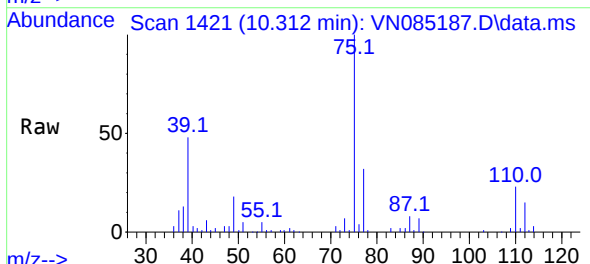
Manual Integrations
APPROVED

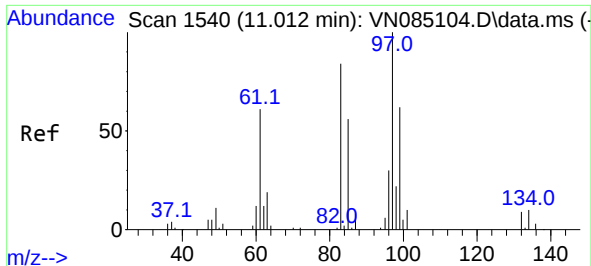
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#54
cis-1,3-Dichloropropene
Concen: 52.934 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 75 Resp: 148027
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4
39 47.9 37.6 56.4





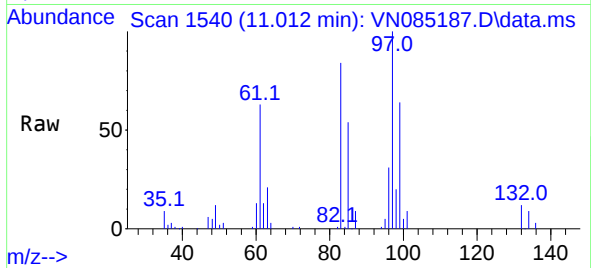
#55
1,1,2-Trichloroethane
Concen: 54.471 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 8706

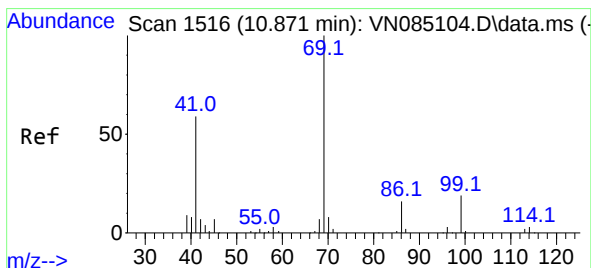
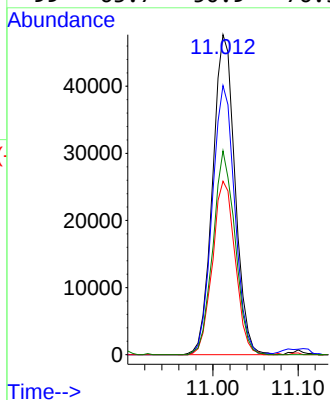
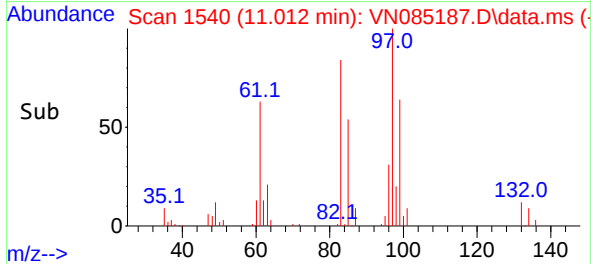
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.4	101.2
85	54.2	43.1	64.7
99	63.7	50.9	76.3

Manual Integrations

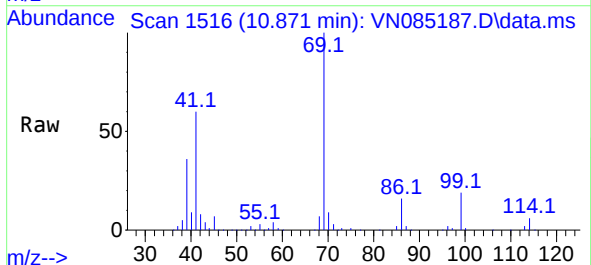
APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024

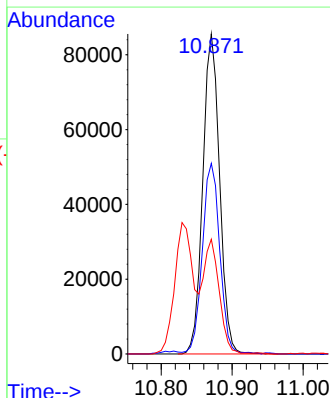
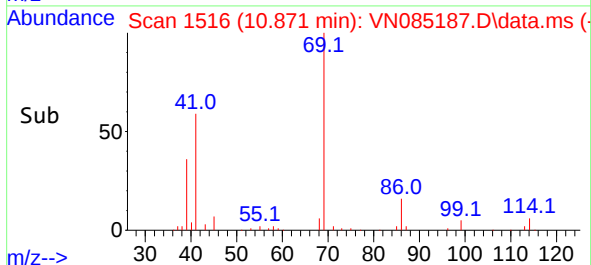


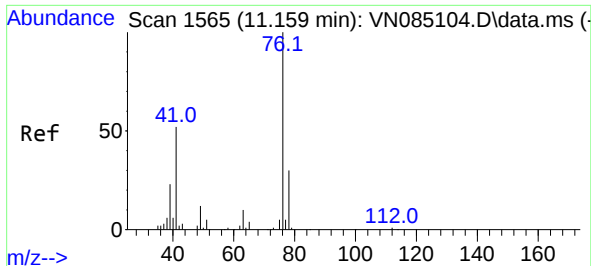
#56
Ethyl methacrylate
Concen: 60.340 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



Tgt Ion: 69 Resp: 140927

Ion	Ratio	Lower	Upper
69	100		
41	62.0	50.0	75.0
39	32.9	27.0	40.6





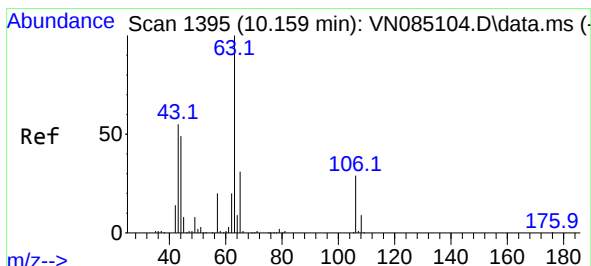
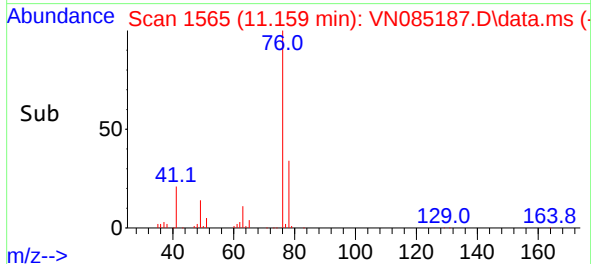
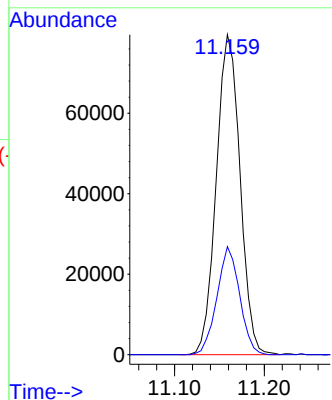
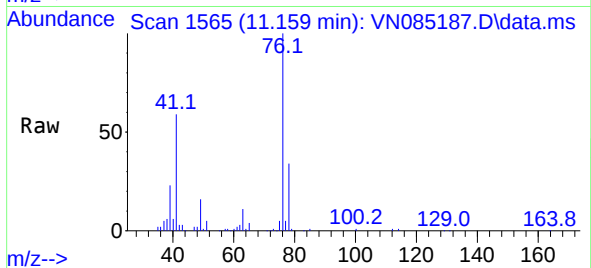
#57
1,3-Dichloropropane
Concen: 51.966 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 14618
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

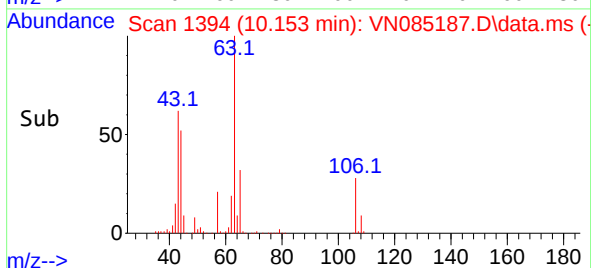
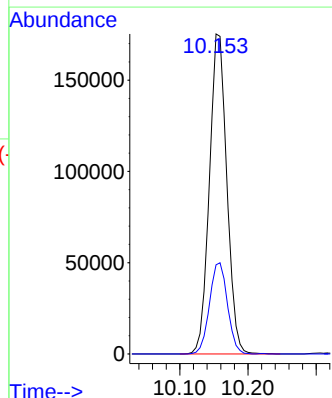
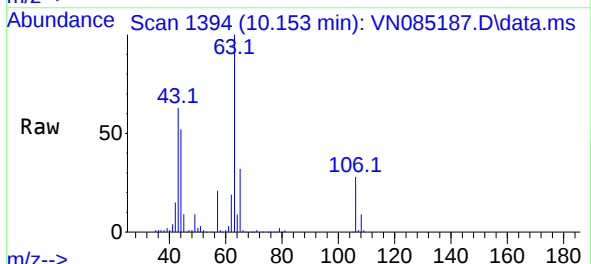
Manual Integrations
APPROVED

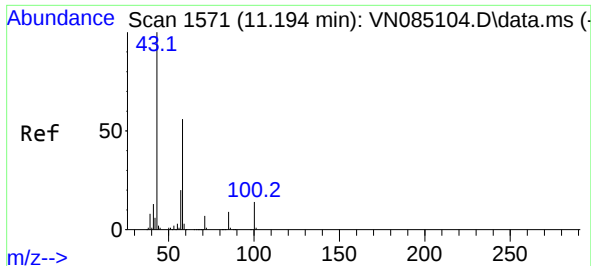
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 272.352 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

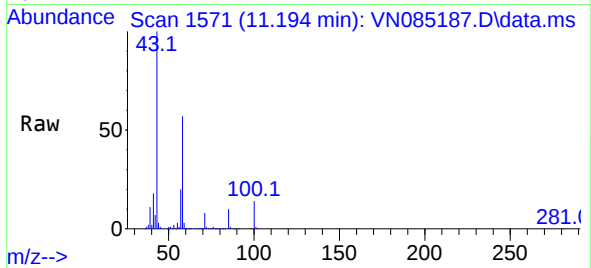
Tgt Ion: 63 Resp: 312019
Ion Ratio Lower Upper
63 100
106 29.3 23.0 34.6





#59
2-Hexanone
Concen: 288.015 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

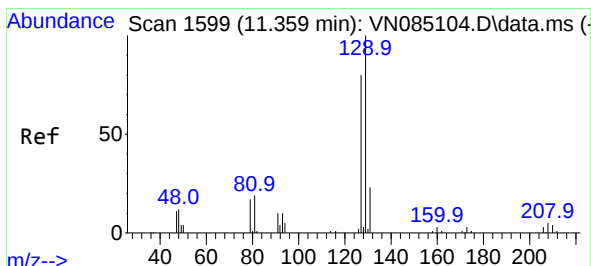
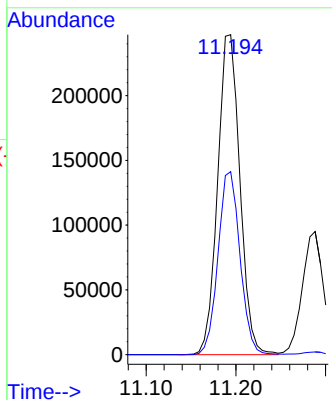
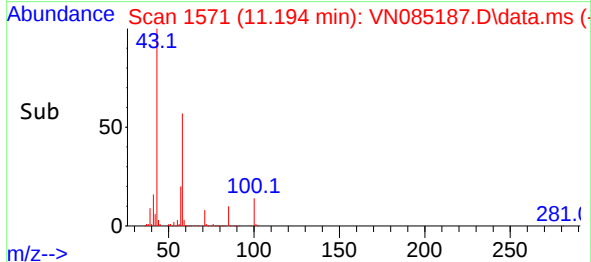
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 42579
Ion Ratio Lower Upper
43 100
58 56.4 28.3 85.0

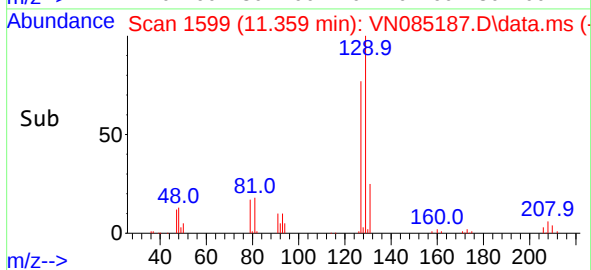
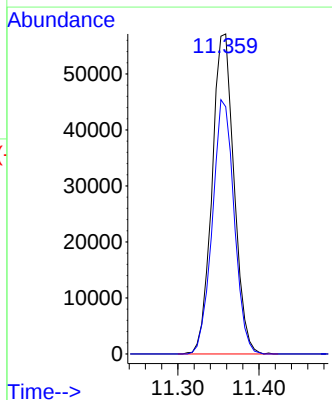
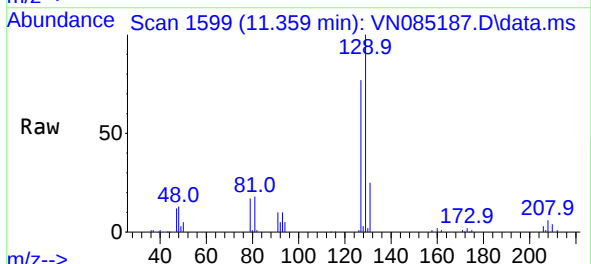
Manual Integrations
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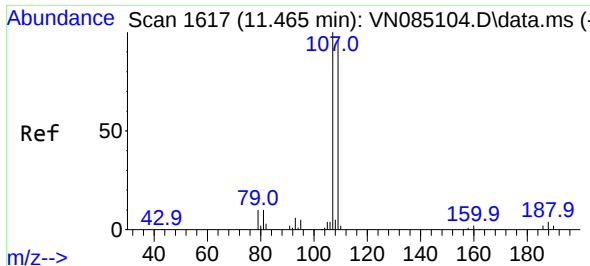
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#60
Dibromochloromethane
Concen: 55.043 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion:129 Resp: 107520
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6





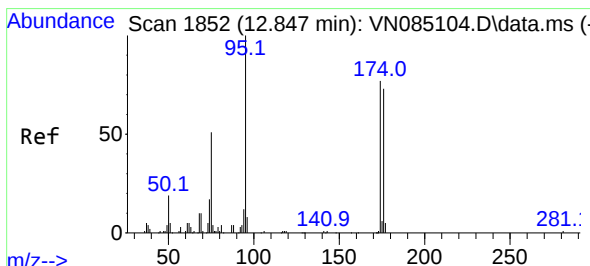
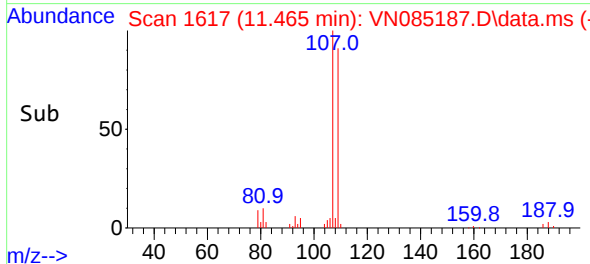
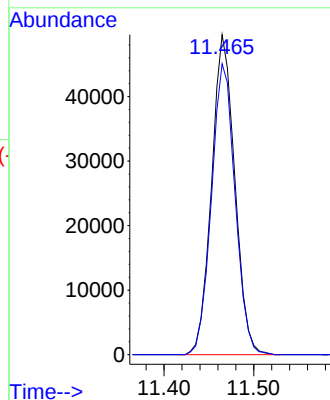
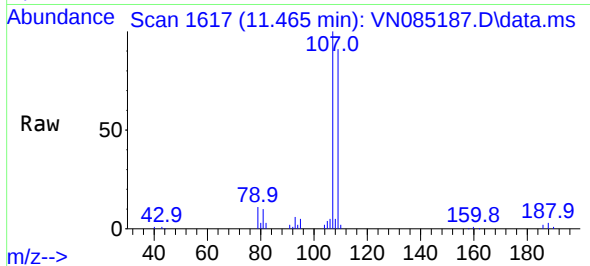
#61
1,2-Dibromoethane
Concen: 53.646 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 8873
Ion Ratio Lower Upper
107 100
109 92.6 76.1 114.1

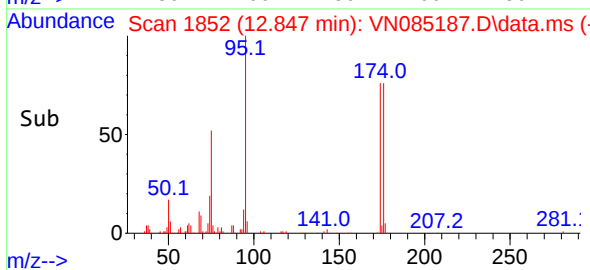
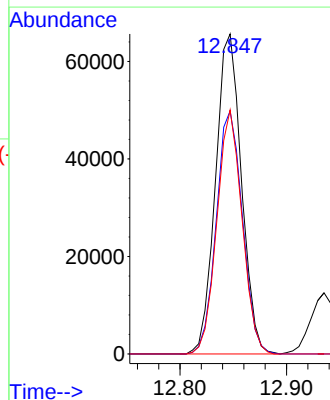
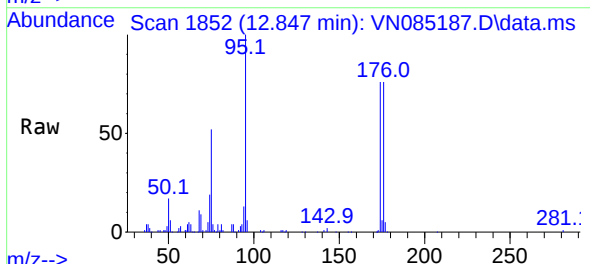
Manual Integrations
APPROVED

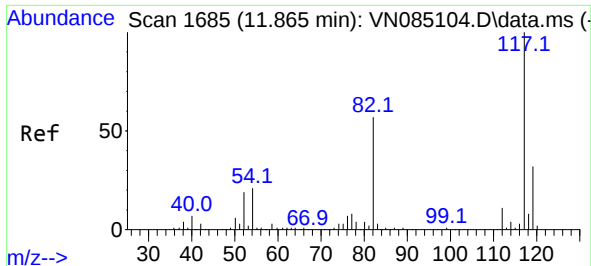
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#62
4-Bromofluorobenzene
Concen: 48.818 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

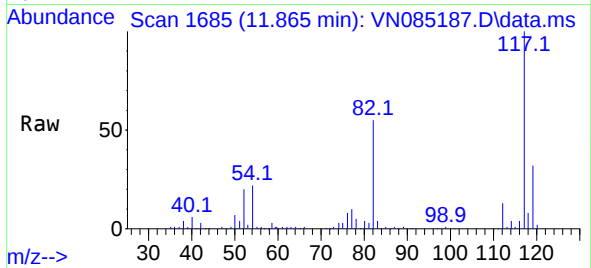
Tgt Ion: 95 Resp: 110700
Ion Ratio Lower Upper
95 100
174 76.8 0.0 146.6
176 73.9 0.0 141.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

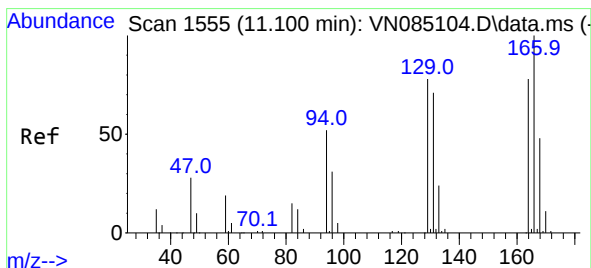
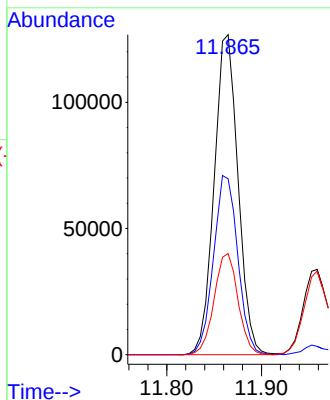
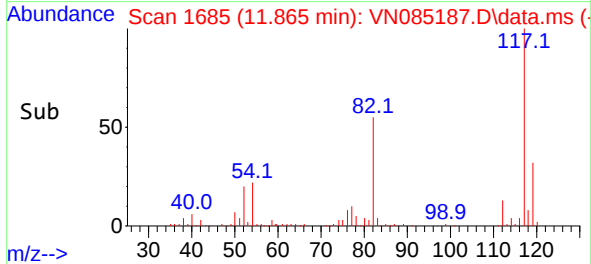
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



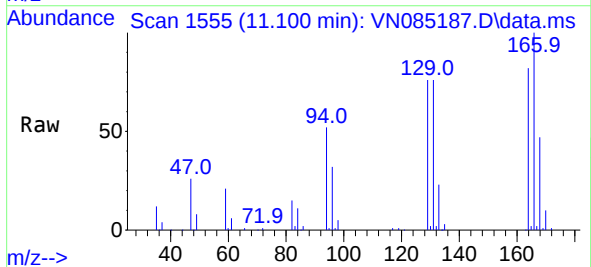
Tgt Ion:117 Resp: 222380
Ion Ratio Lower Upper
117 100
82 55.0 46.0 69.0
119 31.6 25.6 38.4

Manual Integrations
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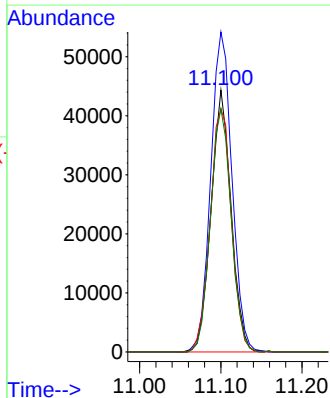
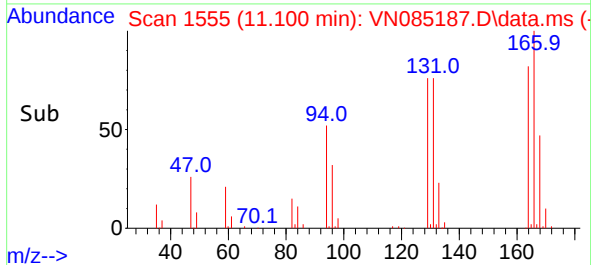
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

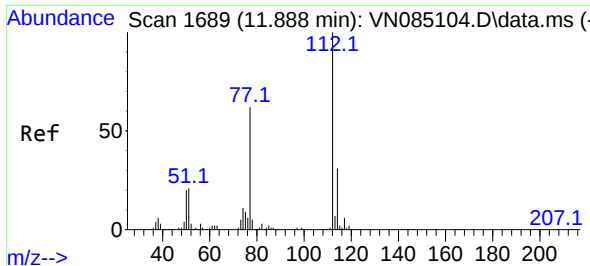


#64
Tetrachloroethene
Concen: 50.944 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



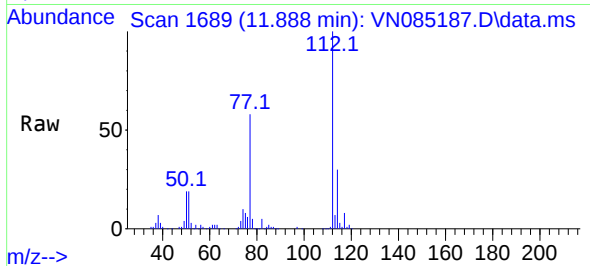
Tgt Ion:164 Resp: 76338
Ion Ratio Lower Upper
164 100
166 122.1 100.6 151.0
129 92.9 77.7 116.5
131 92.7 77.2 115.8





#65
Chlorobenzene
Concen: 48.766 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

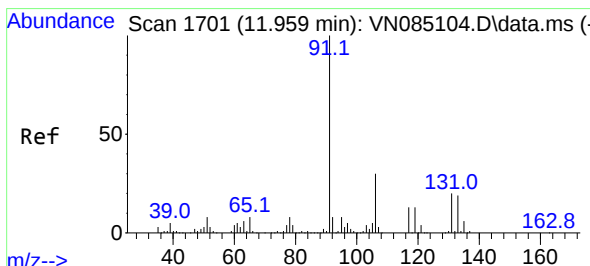
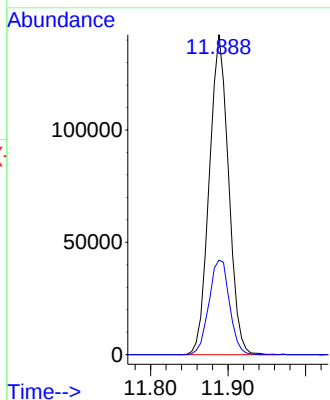
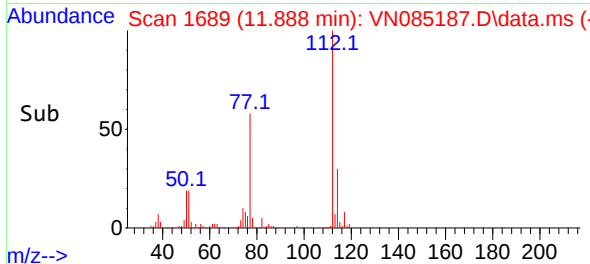
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



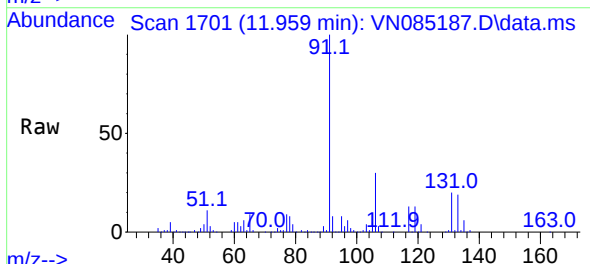
Tgt Ion:112 Resp: 245940
Ion Ratio Lower Upper
112 100
114 29.5 25.8 38.6

Manual Integrations
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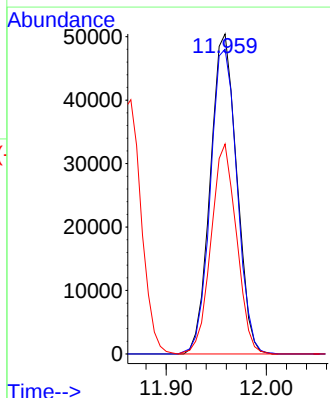
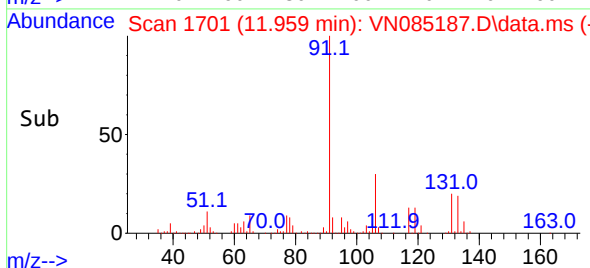
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

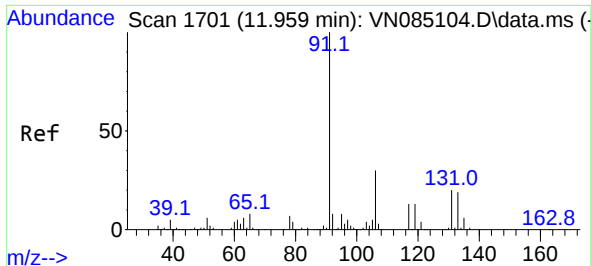


#66
1,1,1,2-Tetrachloroethane
Concen: 51.953 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



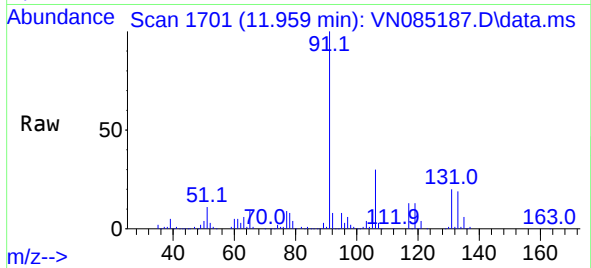
Tgt Ion:131 Resp: 92252
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 63.4 32.1 96.3





#67
Ethyl Benzene
Concen: 53.333 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

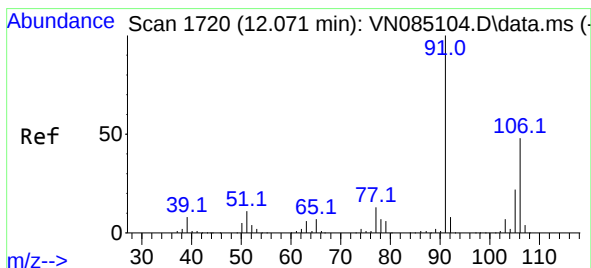
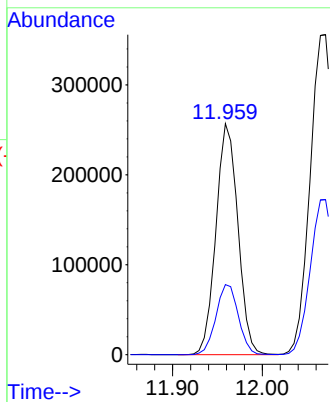
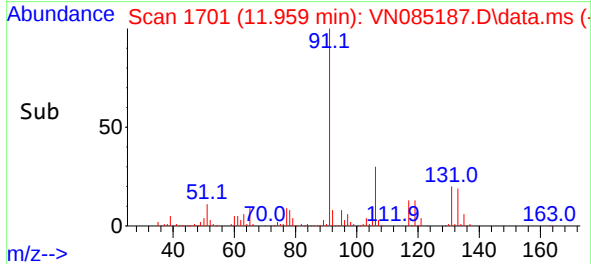
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 436384
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

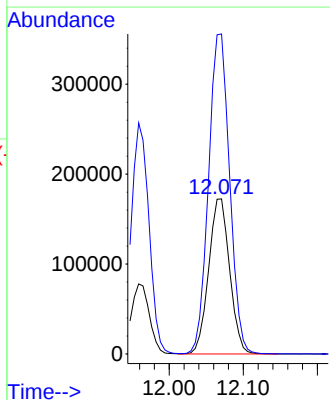
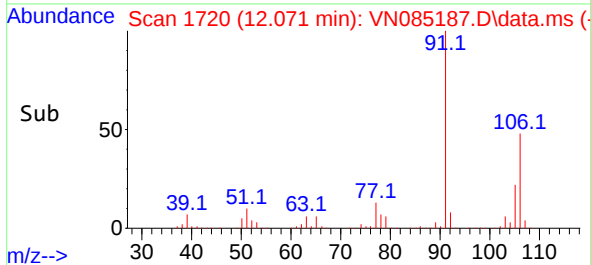
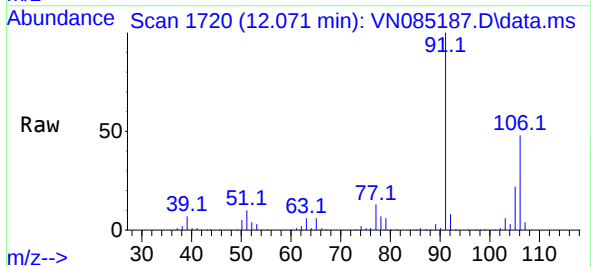
Manual Integrations
APPROVED

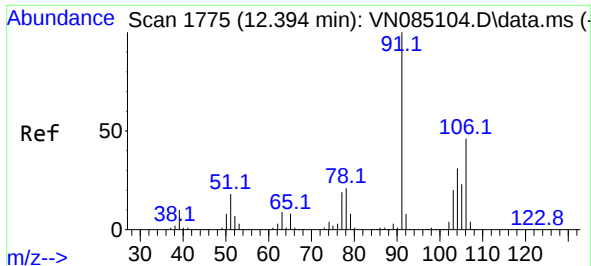
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#68
m/p-Xylenes
Concen: 108.750 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion:106 Resp: 338767
Ion Ratio Lower Upper
106 100
91 207.5 168.0 252.0





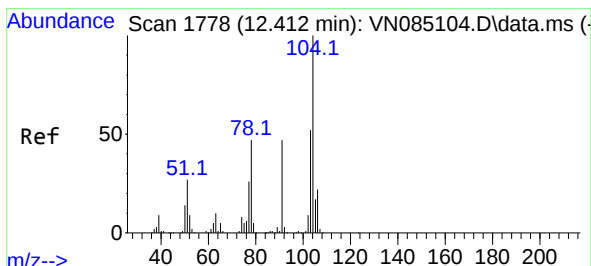
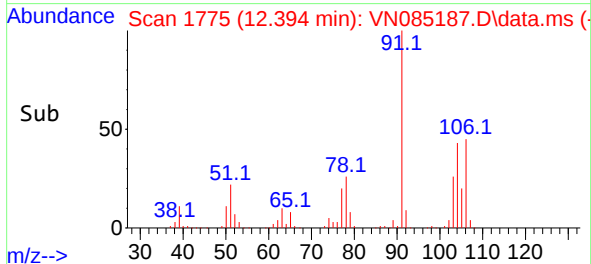
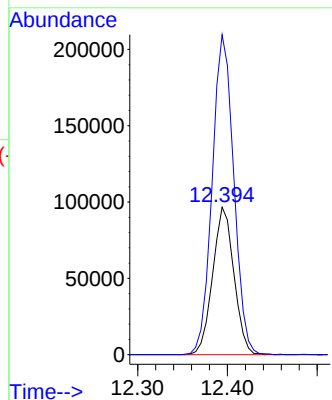
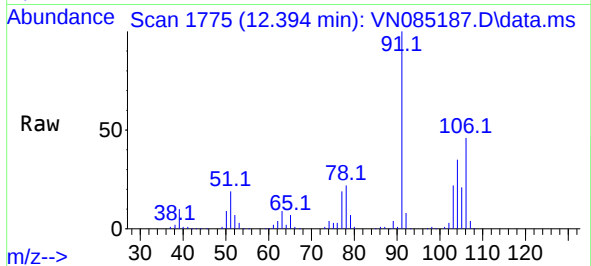
#69
o-Xylene
Concen: 53.665 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 159020
Ion Ratio Lower Upper
106 100
91 220.2 110.7 331.9

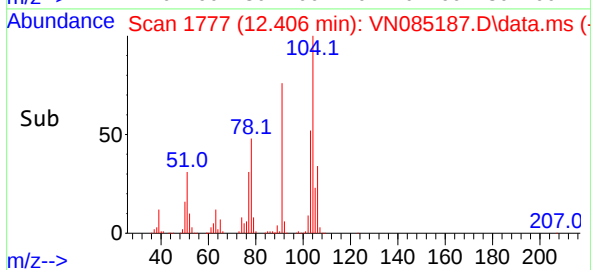
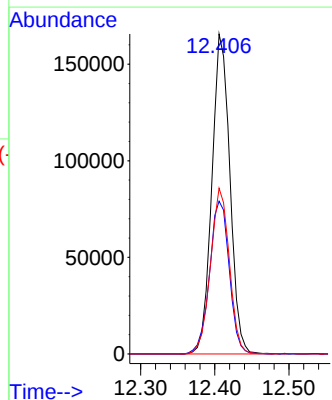
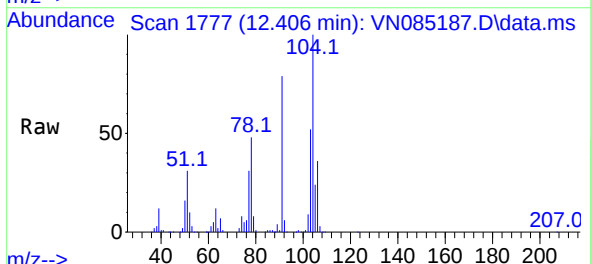
Manual Integrations
APPROVED

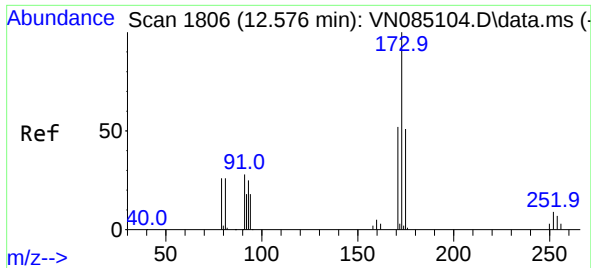
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#70
Styrene
Concen: 56.820 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

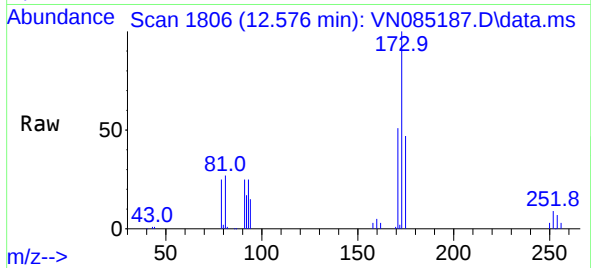
Tgt Ion:104 Resp: 279996
Ion Ratio Lower Upper
104 100
78 52.2 42.3 63.5
103 54.2 44.2 66.2





#71
Bromoform
Concen: 58.827 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

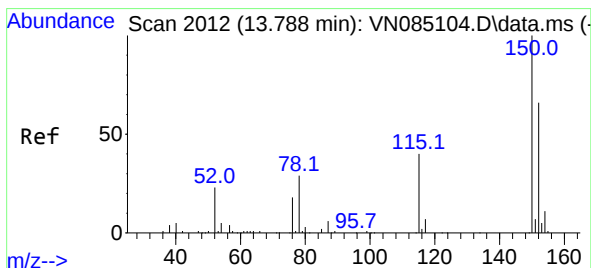
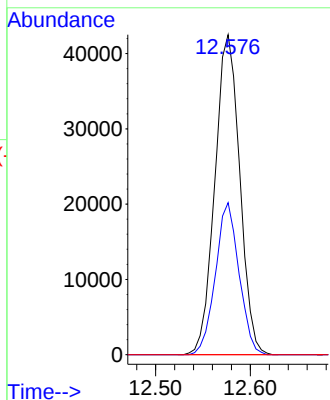
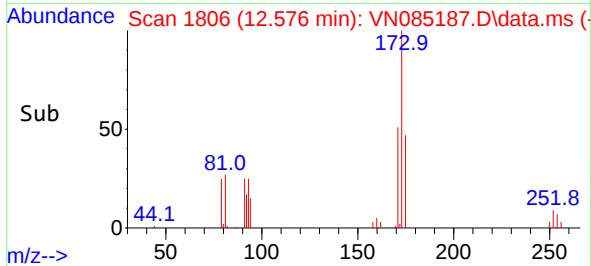
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



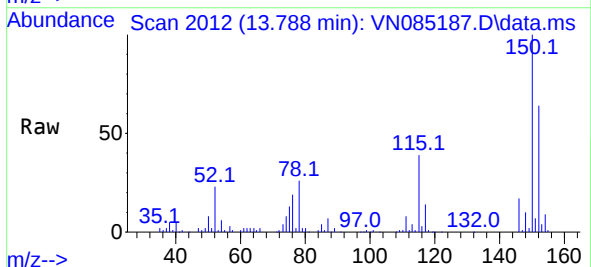
Tgt Ion:173 Resp: 77538
Ion Ratio Lower Upper
173 100
175 45.0 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
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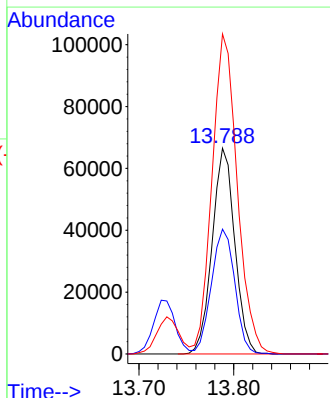
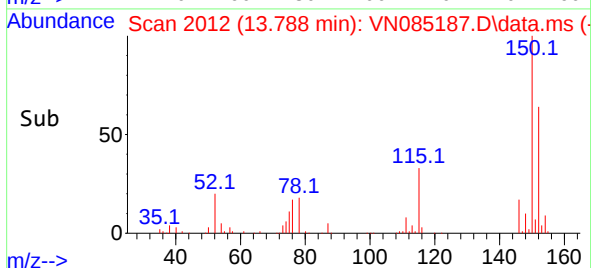
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

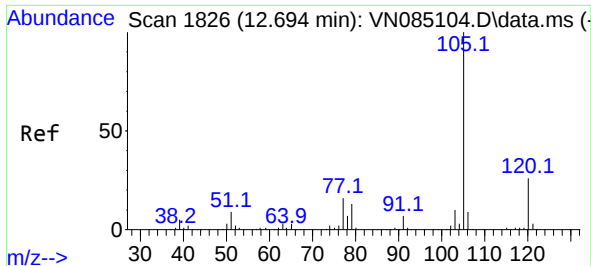


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



Tgt Ion:152 Resp: 110170
Ion Ratio Lower Upper
152 100
115 63.0 31.7 95.1
150 173.9 0.0 351.4





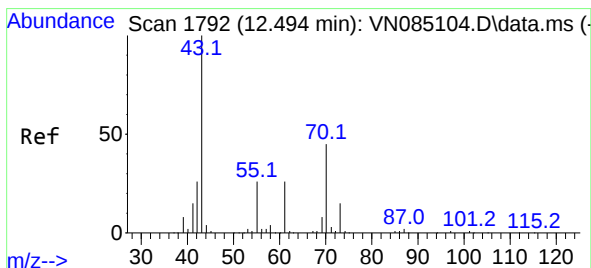
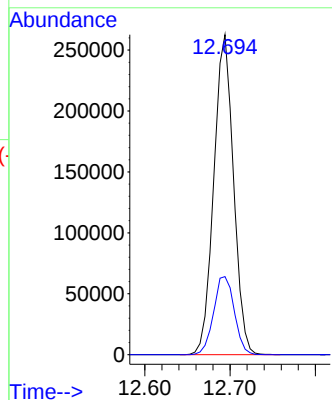
#73
Isopropylbenzene
Concen: 54.208 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 421314
Ion Ratio Lower Upper
105 100
120 25.7 13.0 39.0

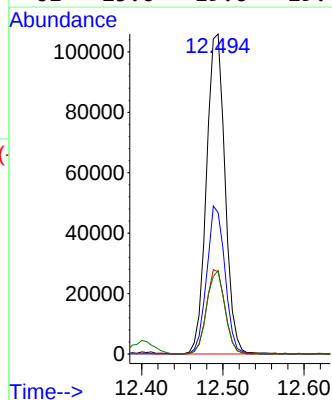
Manual Integrations
APPROVED

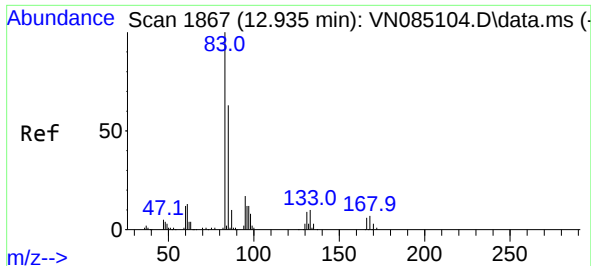
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#74
N-ethyl acetate
Concen: 52.516 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

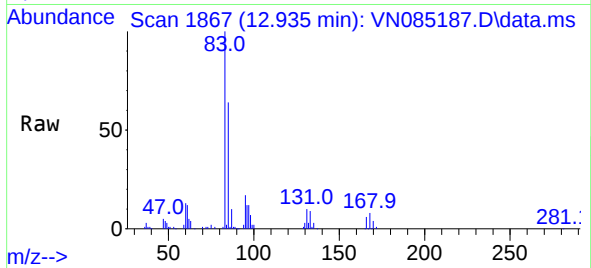
Tgt Ion: 43 Resp: 168193
Ion Ratio Lower Upper
43 100
70 45.3 34.6 51.8
55 26.2 20.5 30.7
61 25.6 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.790 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

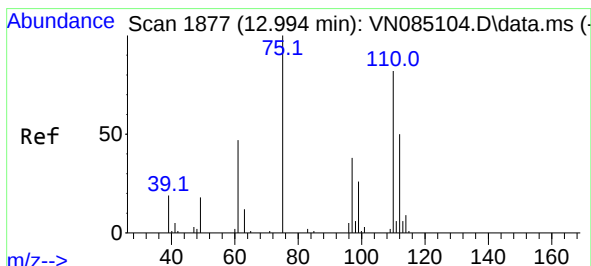
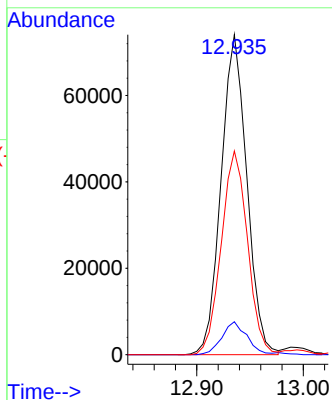
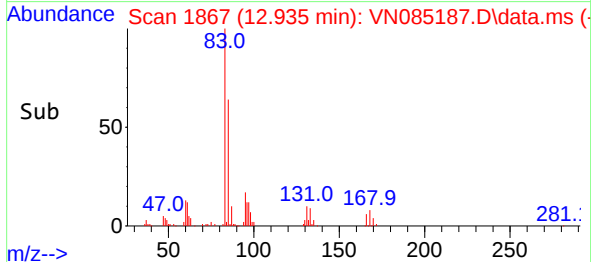
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



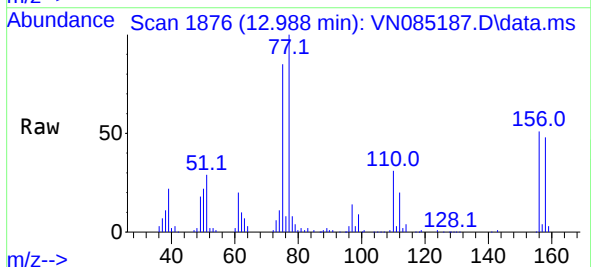
Tgt Ion: 83 Resp: 124180
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 65.0 32.1 96.3

Manual Integrations
APPROVED

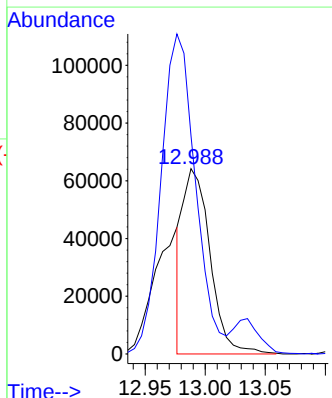
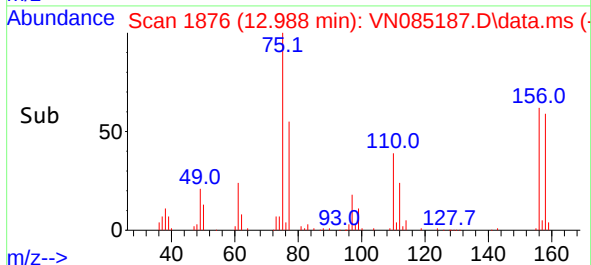
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

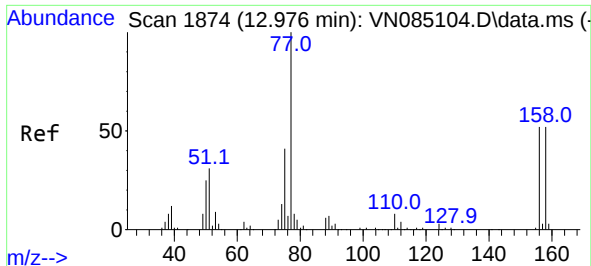


#76
1,2,3-Trichloropropane
Concen: 50.326 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



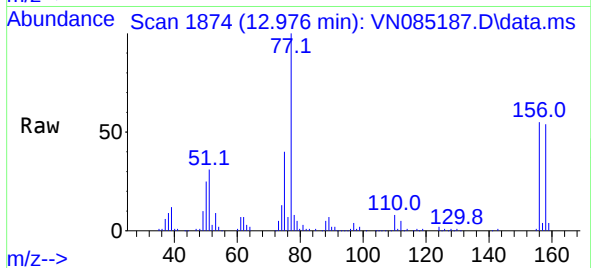
Tgt Ion: 75 Resp: 100849
Ion Ratio Lower Upper
75 100
77 219.7 109.1 327.4





#77
Bromobenzene
Concen: 49.548 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

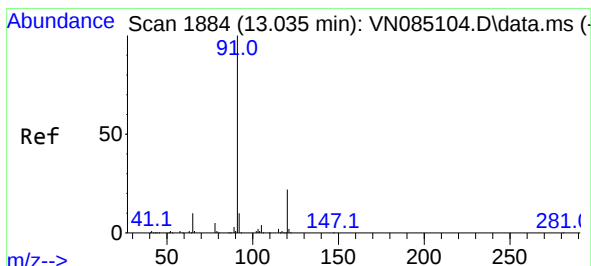
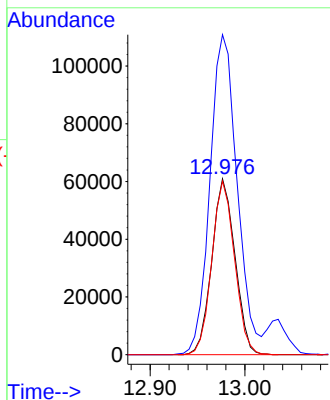
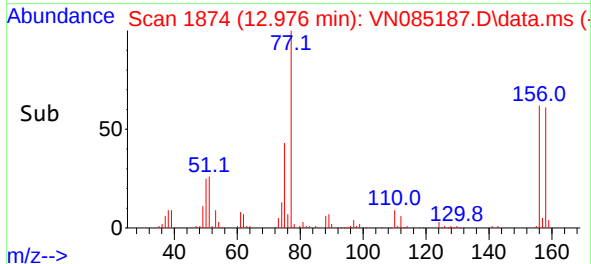
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



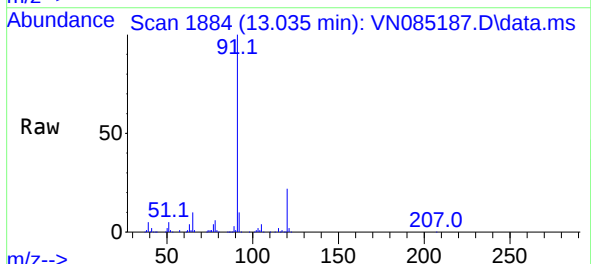
Tgt Ion:156 Resp: 103632
Ion Ratio Lower Upper
156 100
77 213.8 107.2 321.6
158 96.9 48.5 145.6

Manual Integrations
APPROVED

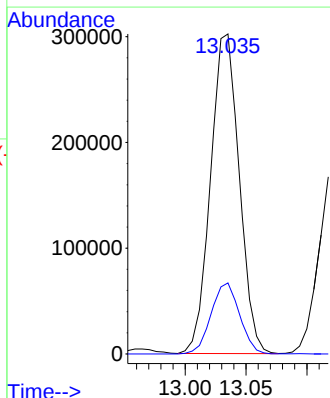
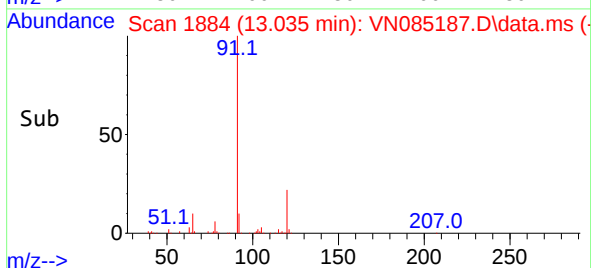
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

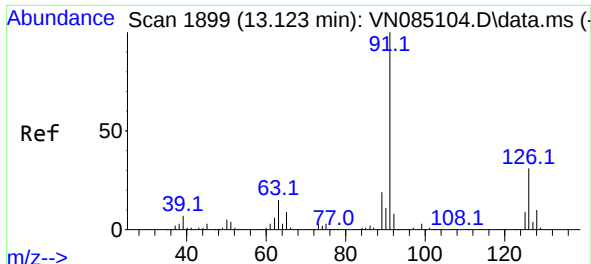


#78
n-propylbenzene
Concen: 55.338 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



Tgt Ion: 91 Resp: 496070
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.9





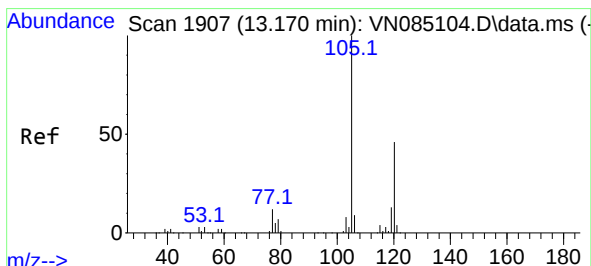
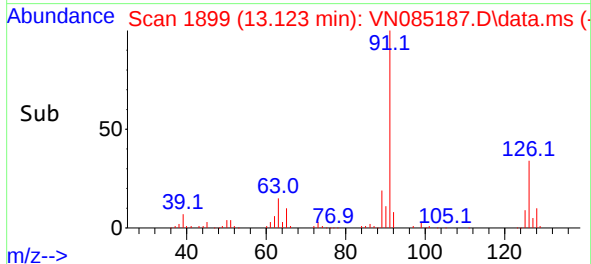
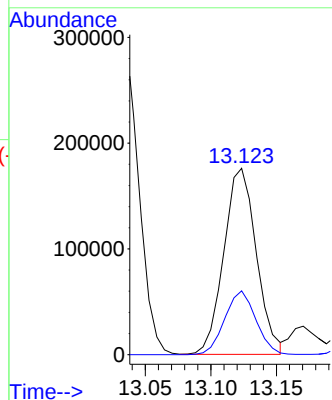
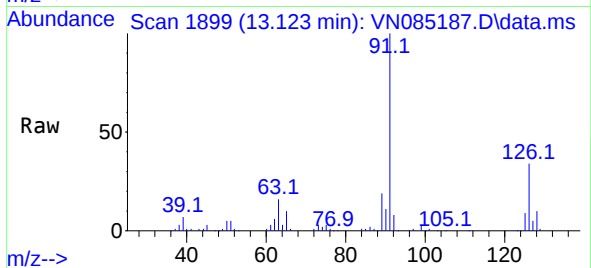
#79
2-Chlorotoluene
Concen: 50.788 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 303924
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.3

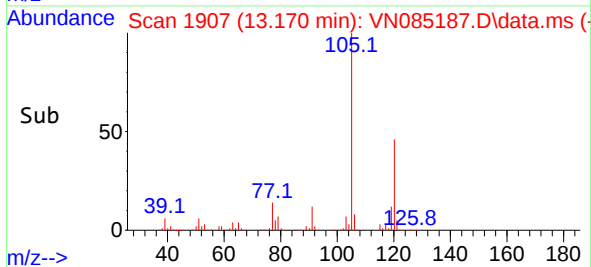
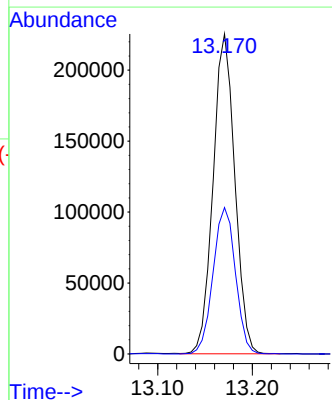
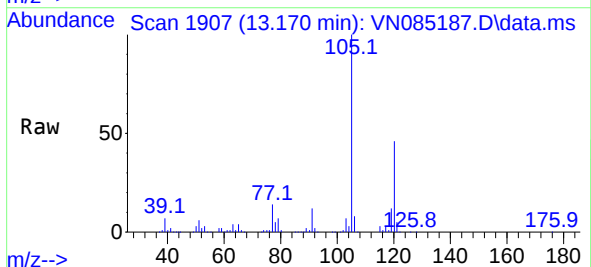
Manual Integrations
APPROVED

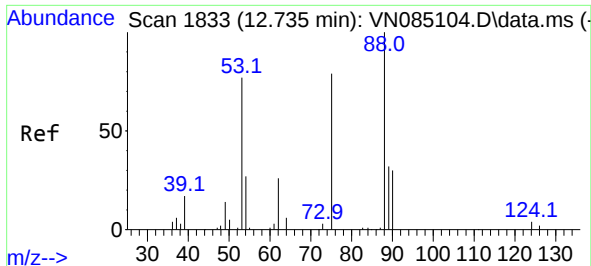
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.150 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

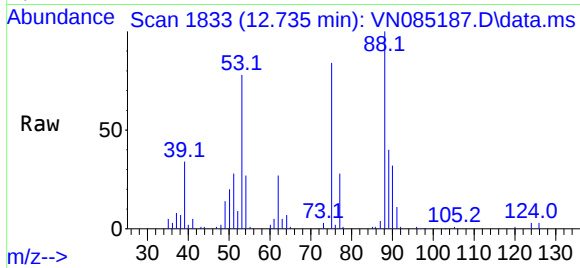
Tgt Ion:105 Resp: 359675
Ion Ratio Lower Upper
105 100
120 47.1 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 51.596 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

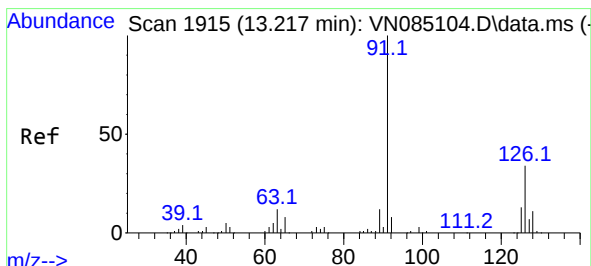
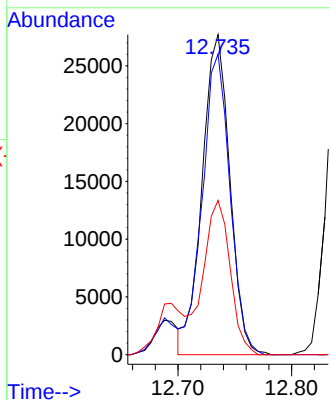
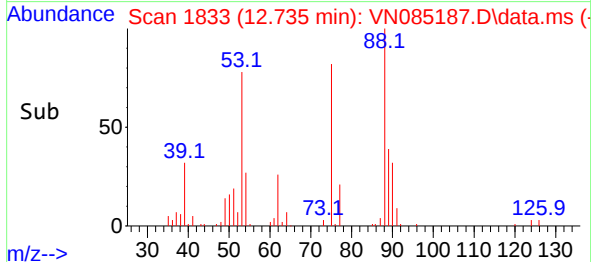
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



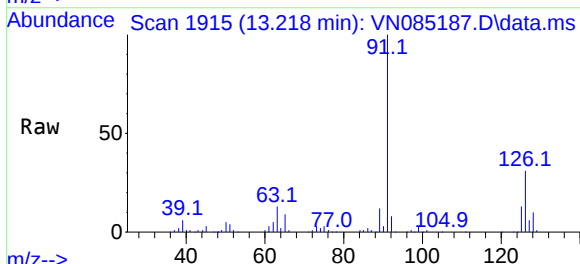
Tgt Ion: 75 Resp: 46830
Ion Ratio Lower Upper
75 100
53 94.7 78.2 117.4
89 47.5 37.9 56.9

Manual Integrations
APPROVED

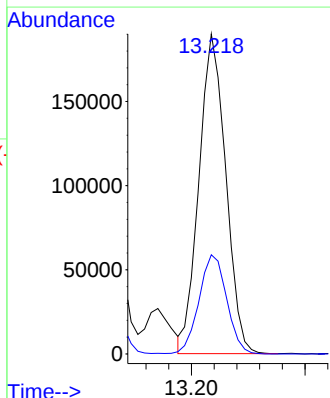
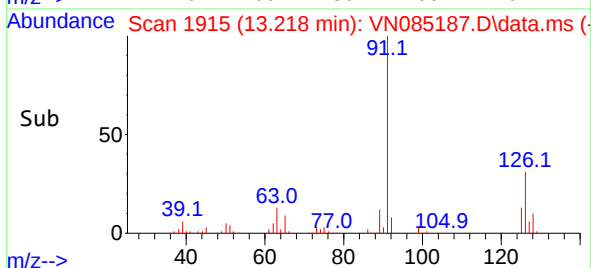
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

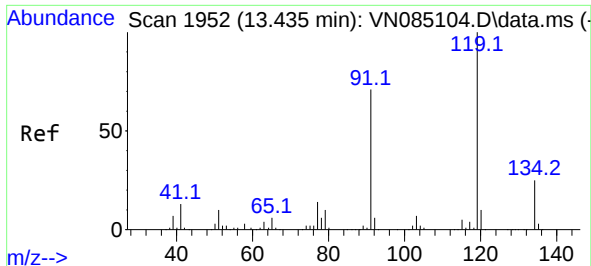


#82
4-Chlorotoluene
Concen: 49.926 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



Tgt Ion: 91 Resp: 311019
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3





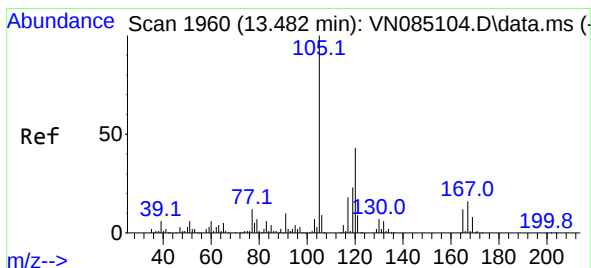
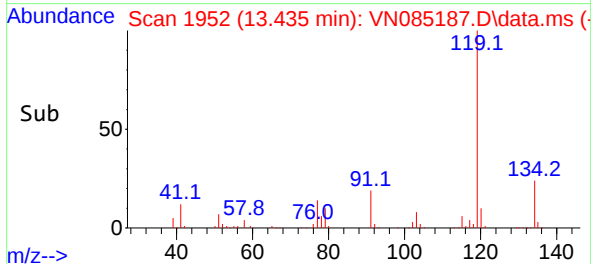
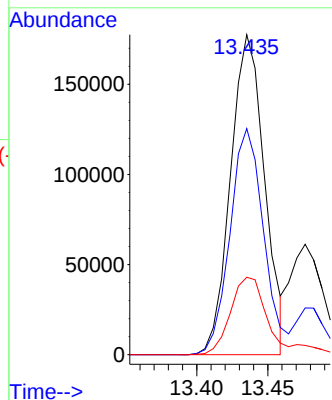
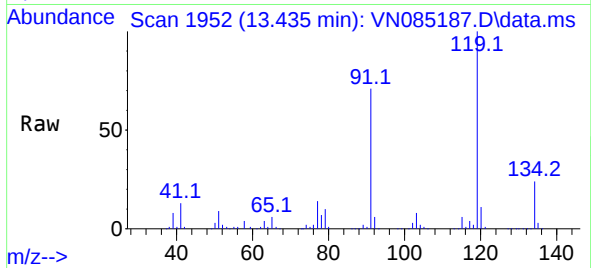
#83
tert-Butylbenzene
Concen: 52.696 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 295702
Ion Ratio Lower Upper
119 100
91 70.2 35.1 105.5
134 27.3 12.1 36.3

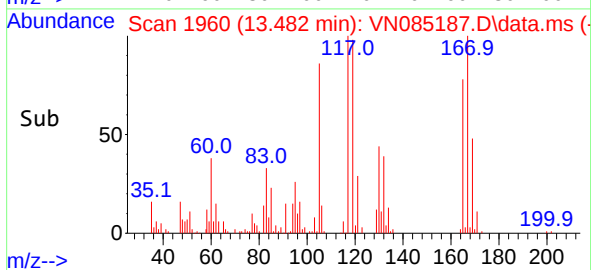
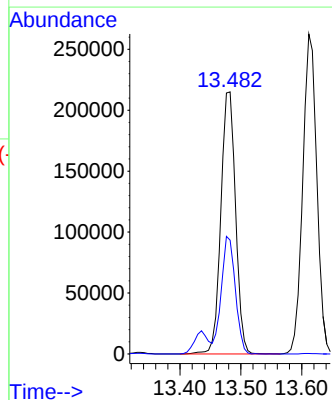
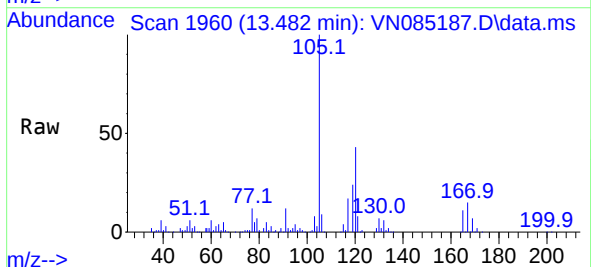
Manual Integrations
APPROVED

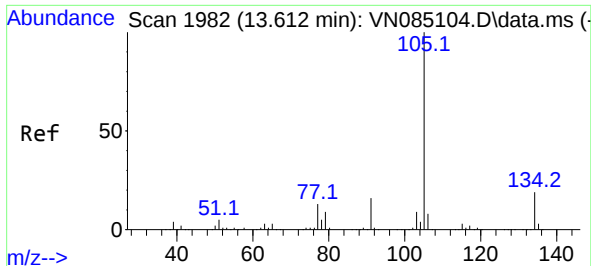
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.755 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion:105 Resp: 360867
Ion Ratio Lower Upper
105 100
120 42.6 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 55.376 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

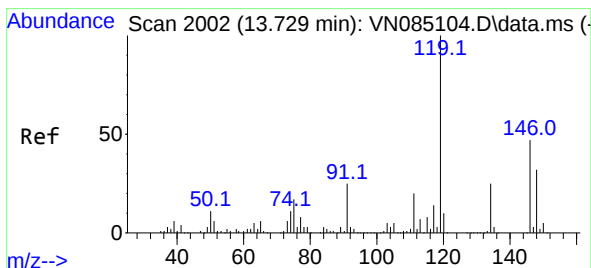
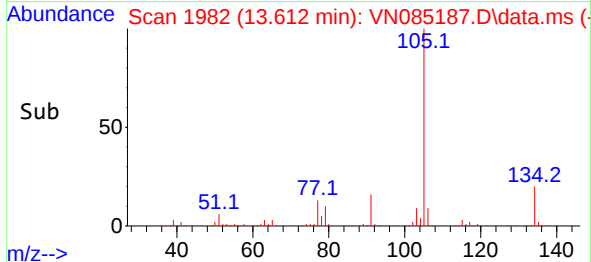
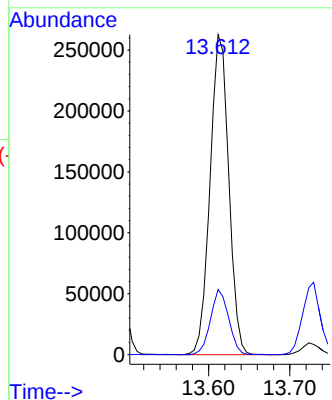
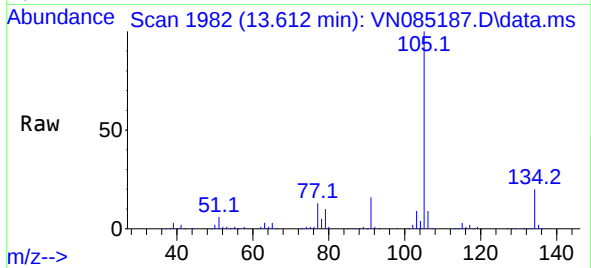
VSTDCCC050EC

Tgt Ion:105 Resp: 41976
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations

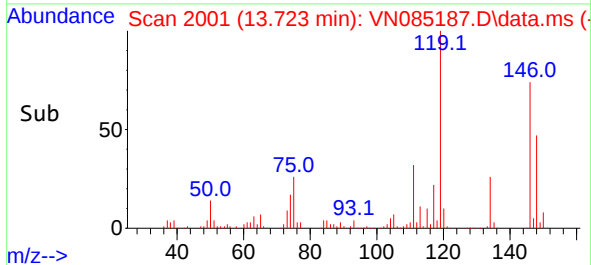
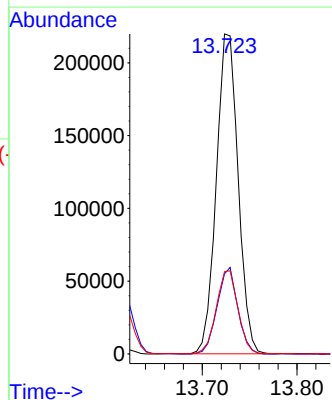
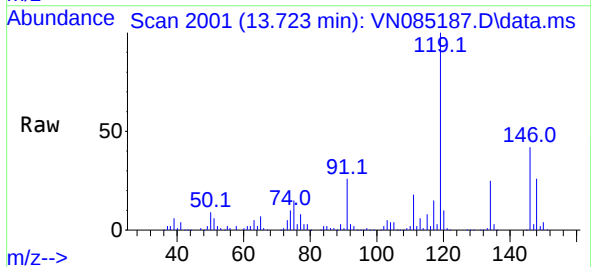
APPROVED

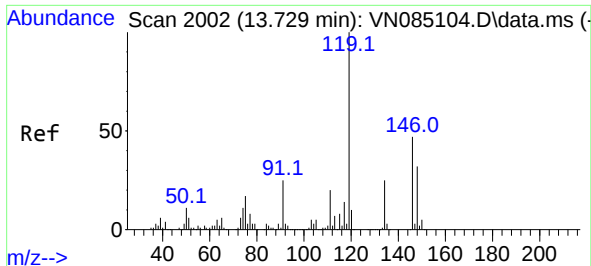
Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024



#86
 p-Isopropyltoluene
 Concen: 56.255 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29

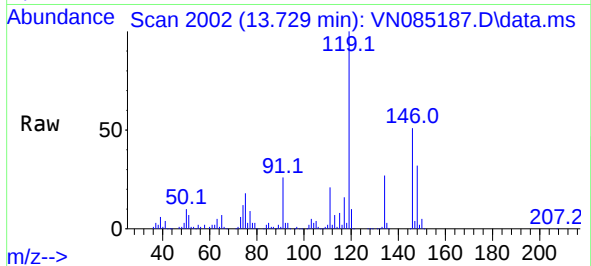
Tgt Ion:119 Resp: 352018
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 26.1 12.8 38.4





#87
1,3-Dichlorobenzene
Concen: 45.422 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

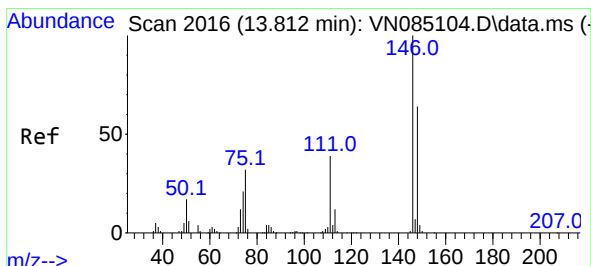
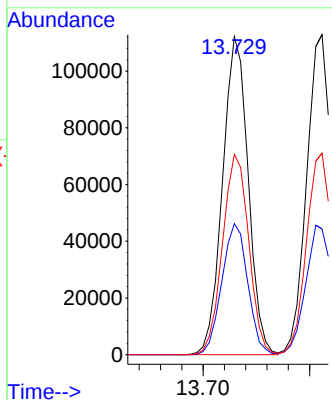
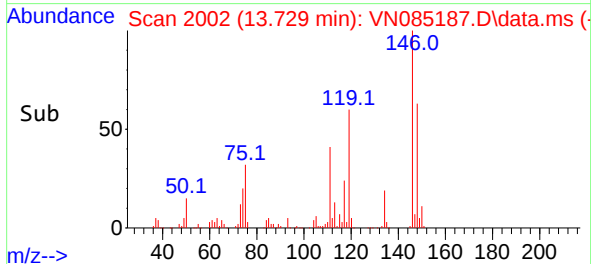
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



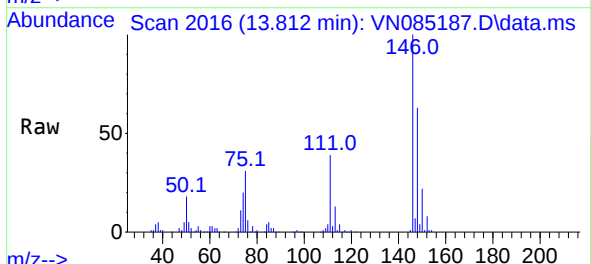
Tgt Ion:146 Resp: 187382
Ion Ratio Lower Upper
146 100
111 41.6 21.6 65.0
148 64.5 32.2 96.6

Manual Integrations
APPROVED

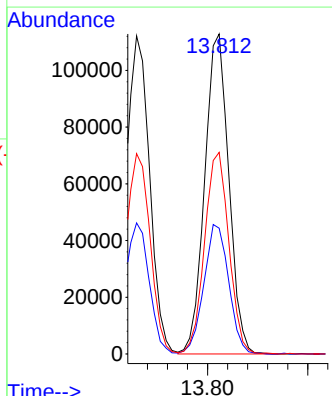
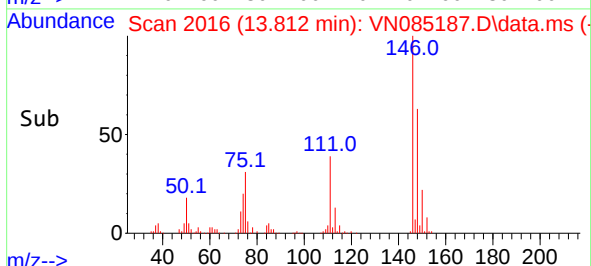
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

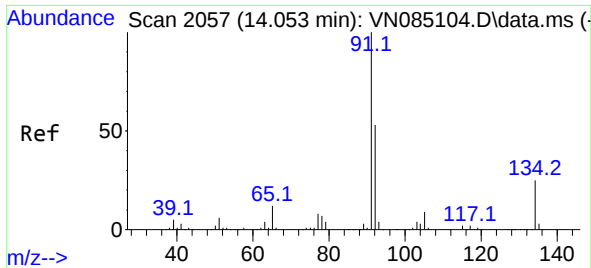


#88
1,4-Dichlorobenzene
Concen: 44.824 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



Tgt Ion:146 Resp: 188708
Ion Ratio Lower Upper
146 100
111 41.8 20.9 62.8
148 63.6 31.3 93.9





#89
n-Butylbenzene
Concen: 51.406 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

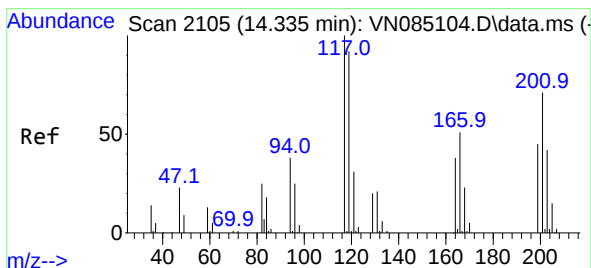
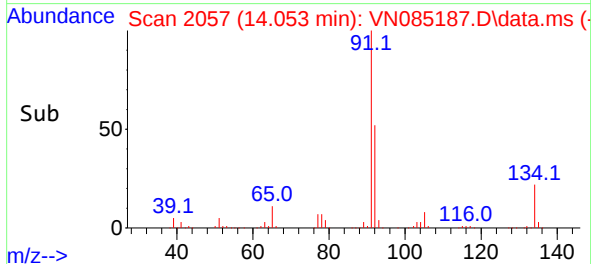
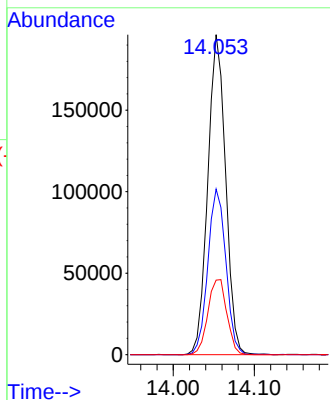
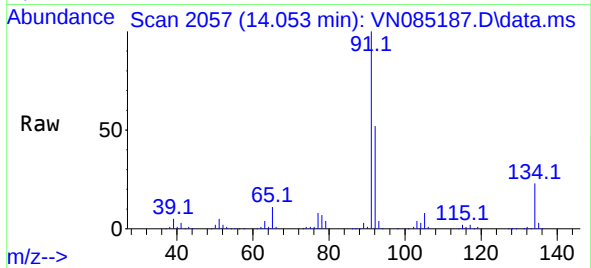
VSTDCCC050EC

Tgt Ion: 91 Resp: 299144
Ion Ratio Lower Upper
91 100
92 52.4 26.8 80.3
134 25.0 12.8 38.4

Manual Integrations

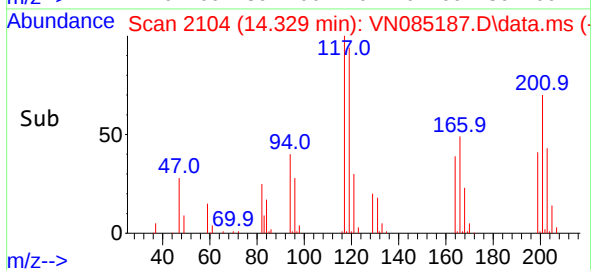
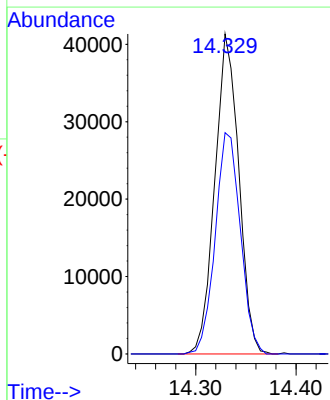
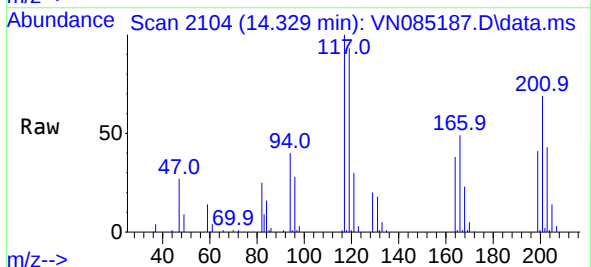
APPROVED

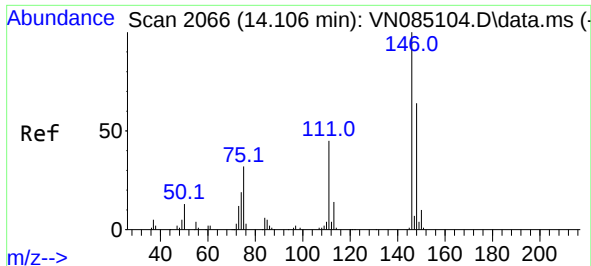
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#90
Hexachloroethane
Concen: 50.268 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion:117 Resp: 68565
Ion Ratio Lower Upper
117 100
201 72.5 35.2 105.6





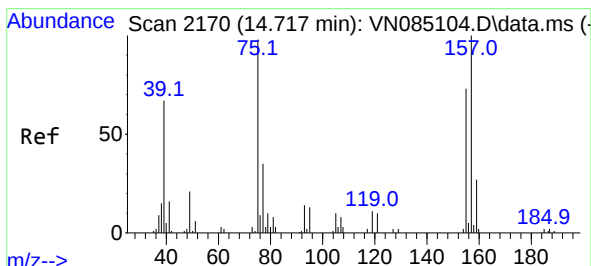
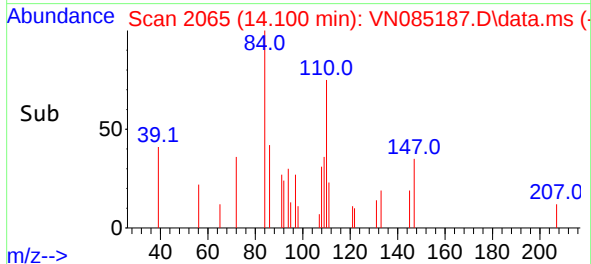
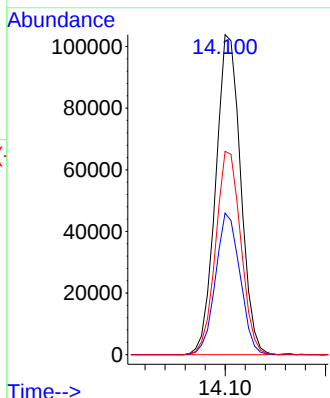
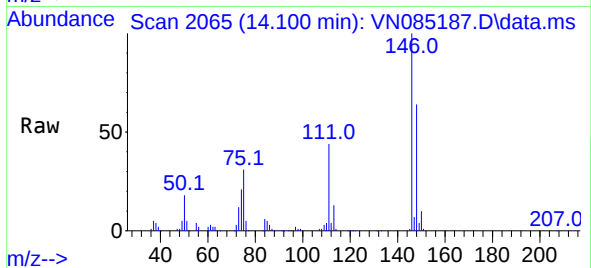
#91
1,2-Dichlorobenzene
Concen: 45.359 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 179308
Ion Ratio Lower Upper
146 100
111 43.5 21.9 65.8
148 64.1 31.1 93.2

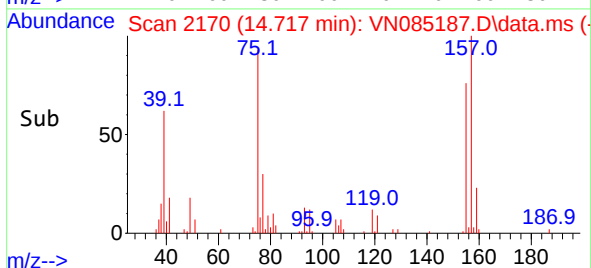
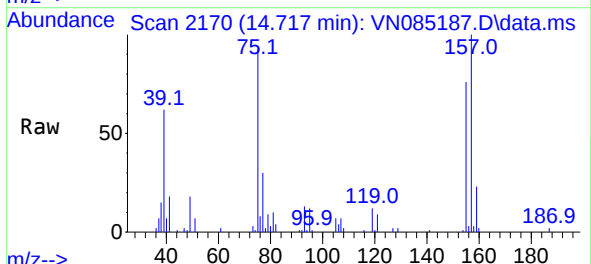
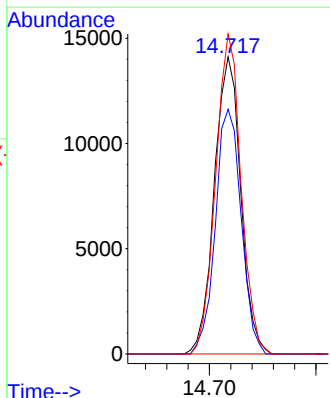
Manual Integrations
APPROVED

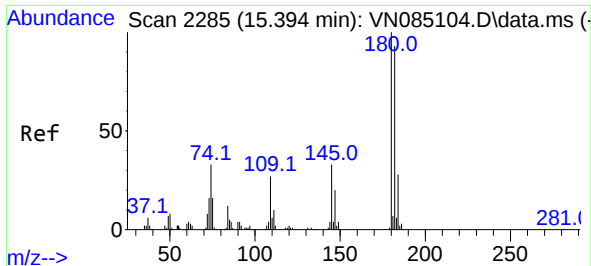
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.252 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

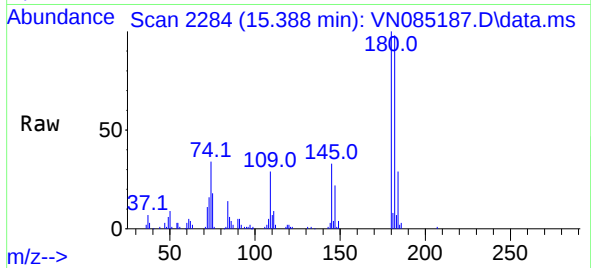
Tgt Ion: 75 Resp: 24250
Ion Ratio Lower Upper
75 100
155 80.6 38.9 116.7
157 103.7 48.3 144.9





#93
1,2,4-Trichlorobenzene
Concen: 43.880 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

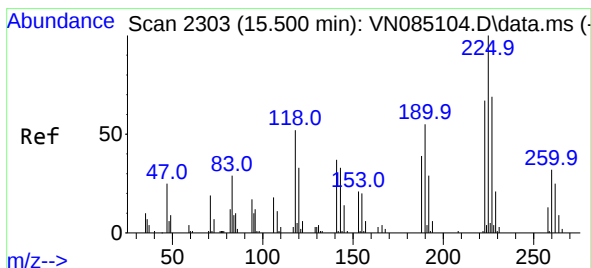
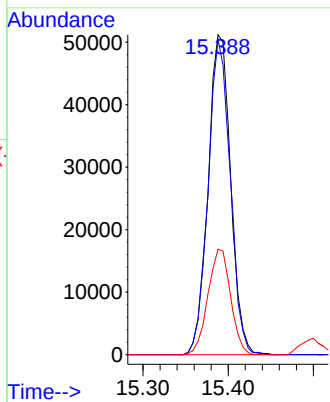
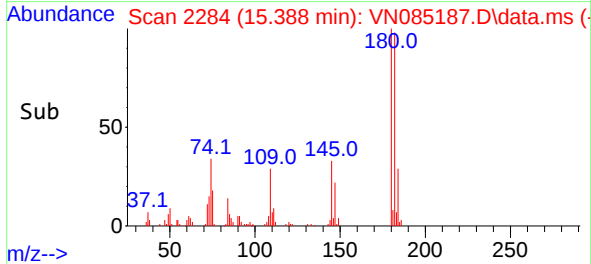
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



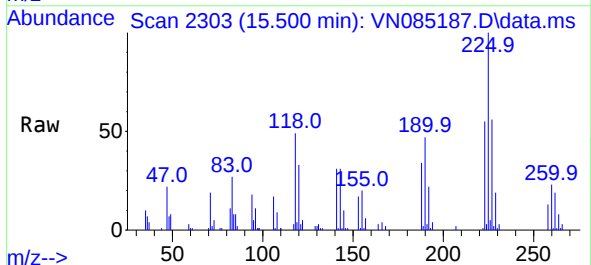
Tgt Ion:180 Resp: 9423
Ion Ratio Lower Upper
180 100
182 96.3 46.9 140.8
145 33.1 16.3 48.8

Manual Integrations
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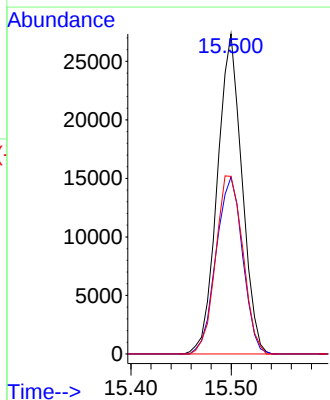
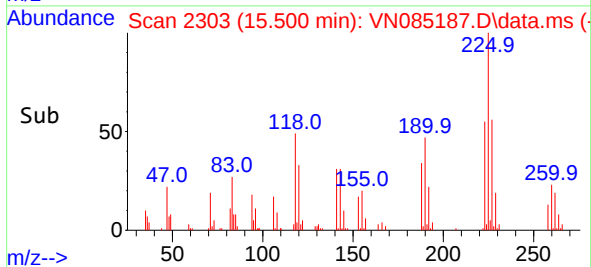
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

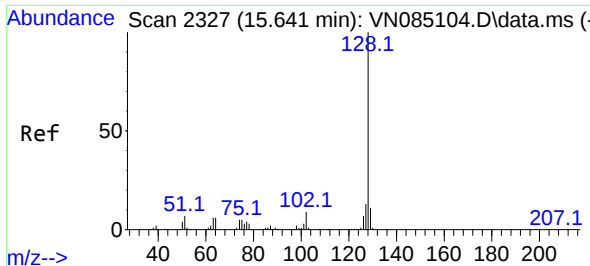


#94
Hexachlorobutadiene
Concen: 47.029 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



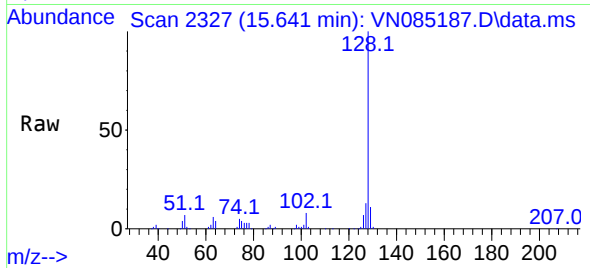
Tgt Ion:225 Resp: 46613
Ion Ratio Lower Upper
225 100
223 59.5 30.9 92.8
227 61.4 31.5 94.5





#95
Naphthalene
Concen: 46.025 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

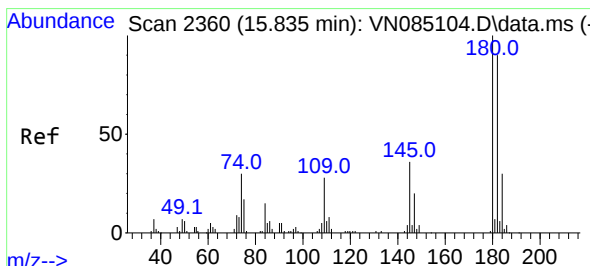
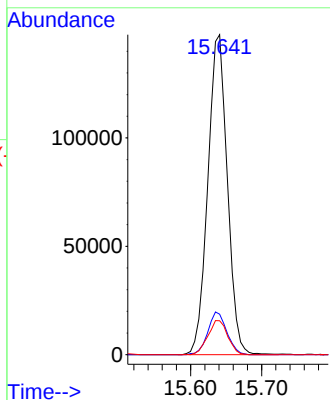
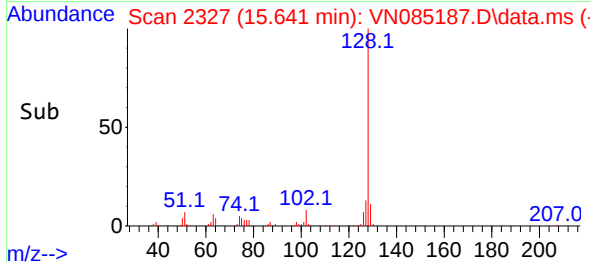
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 28152
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 44.163 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion:180 Resp: 90499
Ion Ratio Lower Upper
180 100
182 96.4 46.4 139.2
145 34.2 17.3 52.0

