

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085246.D
 Acq On : 18 Dec 2024 12:20
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:17:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	130776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	226121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	202175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106671	46.668	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.340%
35) Dibromofluoromethane	8.165	113	76633	48.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	10.565	98	290413	49.981	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.847	95	105807	50.983	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	112357	53.932	ug/l	100
3) Chloromethane	2.359	50	98202	49.453	ug/l	100
4) Vinyl Chloride	2.512	62	95687	51.429	ug/l	100
5) Bromomethane	2.948	94	61747	50.591	ug/l	100
6) Chloroethane	3.112	64	59950	52.450	ug/l	100
7) Trichlorofluoromethane	3.495	101	159703	53.154	ug/l	100
8) Diethyl Ether	3.953	74	50744	53.771	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	81240	50.415	ug/l	100
10) Methyl Iodide	4.589	142	96420	52.478	ug/l	100
11) Tert butyl alcohol	5.518	59	75947	239.194	ug/l	100
12) 1,1-Dichloroethene	4.336	96	77860	52.162	ug/l	100
13) Acrolein	4.177	56	87320	238.807	ug/l	100
14) Allyl chloride	5.018	41	131650	50.809	ug/l	100
15) Acrylonitrile	5.712	53	219108	253.360	ug/l	100
16) Acetone	4.424	43	190678	241.671	ug/l	100
17) Carbon Disulfide	4.712	76	238489	46.819	ug/l	100
18) Methyl Acetate	5.018	43	108674	48.652	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	272038	53.173	ug/l	100
20) Methylene Chloride	5.277	84	86992	50.403	ug/l	100
21) trans-1,2-Dichloroethene	5.777	96	80363	48.833	ug/l	100
22) Diisopropyl ether	6.671	45	299652	54.338	ug/l	100
23) Vinyl Acetate	6.600	43	1169229	274.391	ug/l	100
24) 1,1-Dichloroethane	6.565	63	161717	50.625	ug/l	100
25) 2-Butanone	7.483	43	305214	252.603	ug/l	100
26) 2,2-Dichloropropane	7.489	77	151231	51.127	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	97457	50.863	ug/l	100
28) Bromochloromethane	7.812	49	80429	49.924	ug/l	100
29) Tetrahydrofuran	7.836	42	206011	264.498	ug/l	100
30) Chloroform	7.965	83	167564	49.119	ug/l	100
31) Cyclohexane	8.253	56	144815	48.970	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	154270	50.738	ug/l	100
36) 1,1-Dichloropropene	8.365	75	117851	53.239	ug/l	100
37) Ethyl Acetate	7.559	43	128415	50.284	ug/l	100
38) Carbon Tetrachloride	8.359	117	134463	50.239	ug/l	100
39) Methylcyclohexane	9.600	83	127487	55.345	ug/l	100
40) Benzene	8.600	78	356428	51.757	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	67891	52.164	ug/l	100
42) 1,2-Dichloroethane	8.665	62	133901	51.047	ug/l	100
43) Isopropyl Acetate	8.683	43	222131	47.563	ug/l	100
44) Trichloroethene	9.347	130	77472	50.530	ug/l	100
45) 1,2-Dichloropropane	9.618	63	88662	51.998	ug/l	100
46) Dibromomethane	9.706	93	62433	51.292	ug/l	100
47) Bromodichloromethane	9.888	83	136033	52.162	ug/l	100
48) Methyl methacrylate	9.677	41	104091	54.371	ug/l	100
49) 1,4-Dioxane	9.688	88	32375	1072.564	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	659177	268.625	ug/l	100
52) Toluene	10.630	92	222639	53.767	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	139692	54.953	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	146338	54.146	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	79593	51.334	ug/l	100
56) Ethyl methacrylate	10.871	69	143324	48.679	ug/l	100
57) 1,3-Dichloropropane	11.159	76	143772	52.685	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	330686	237.370	ug/l	100
59) 2-Hexanone	11.194	43	481438	275.229	ug/l	100
60) Dibromochloromethane	11.359	129	98456	53.579	ug/l	100
61) 1,2-Dibromoethane	11.465	107	83433	52.243	ug/l	100
64) Tetrachloroethene	11.100	164	68884	50.633	ug/l	100
65) Chlorobenzene	11.888	112	230185	50.650	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	81411	51.346	ug/l	100
67) Ethyl Benzene	11.959	91	432126	55.475	ug/l	100
68) m/p-Xylenes	12.071	106	326353	112.019	ug/l	100
69) o-Xylene	12.394	106	153932	56.212	ug/l	100
70) Styrene	12.412	104	264043	57.757	ug/l	100
71) Bromoform	12.576	173	65175	52.440	ug/l #	100
73) Isopropylbenzene	12.694	105	392326	55.168	ug/l	100
74) N-amyl acetate	12.494	43	201427	56.710	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	124004	48.940	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	104619m	48.643	ug/l	
77) Bromobenzene	12.976	156	92703	49.649	ug/l	100
78) n-propylbenzene	13.035	91	482260	55.295	ug/l	100
79) 2-Chlorotoluene	13.123	91	296469	53.539	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	339950	57.311	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	45606	51.534	ug/l	100
82) 4-Chlorotoluene	13.218	91	302755	54.029	ug/l	100
83) tert-Butylbenzene	13.435	119	278102	55.284	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	342945	56.562	ug/l	100
85) sec-Butylbenzene	13.612	105	403570	57.544	ug/l	100
86) p-Isopropyltoluene	13.729	119	333452	49.170	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	174288	50.687	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	173955	48.893	ug/l	100
89) n-Butylbenzene	14.053	91	293263	56.861	ug/l	100
90) Hexachloroethane	14.335	117	65949	51.190	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	168371	52.646	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26335	54.197	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	84825	51.814	ug/l	100
94) Hexachlorobutadiene	15.494	225	38359	45.082	ug/l	100
95) Naphthalene	15.641	128	286912	52.921	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	82767	50.616	ug/l	100

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Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

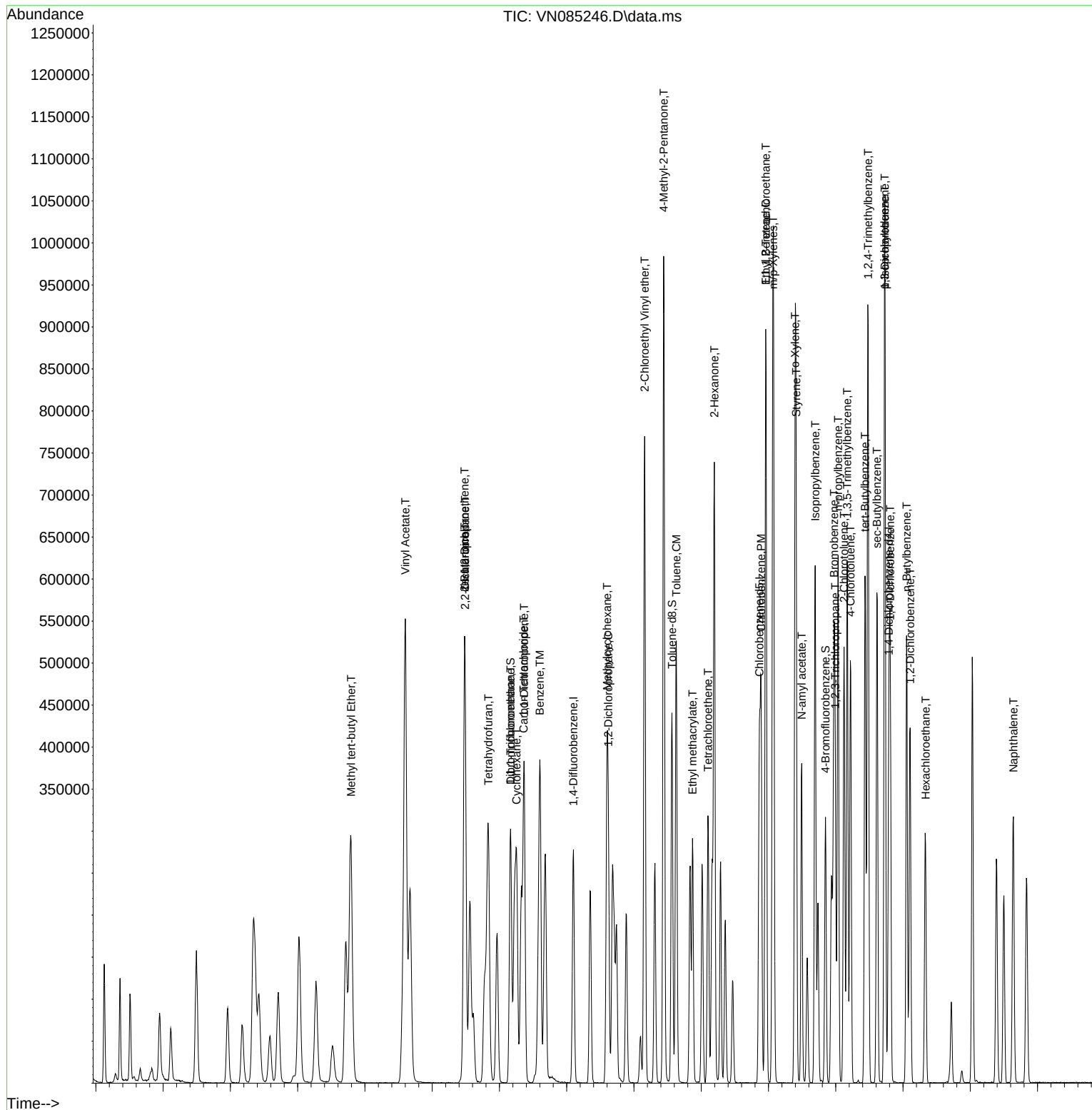
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Data File : VN085246.D
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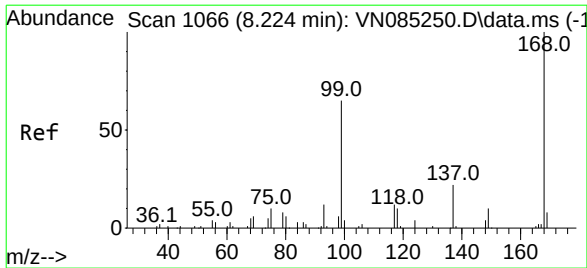
Instrument :
MSVOA_N
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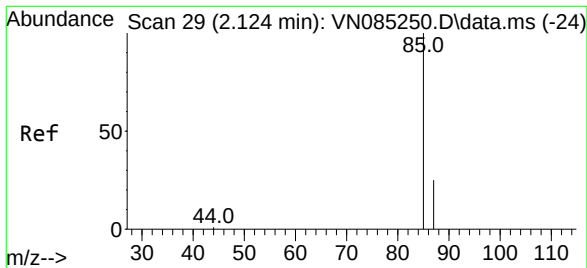
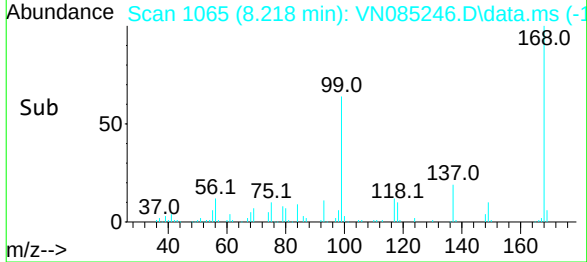
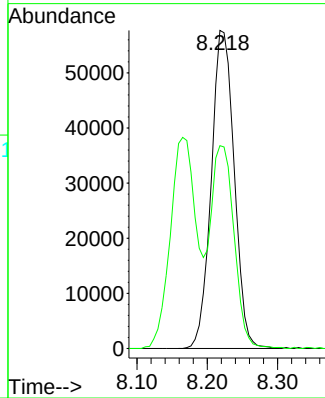
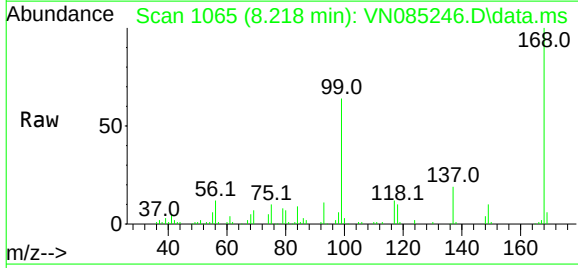
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 168 Resp: 130776
Ion Ratio Lower Upper
168 100
99 63.4 50.7 76.1

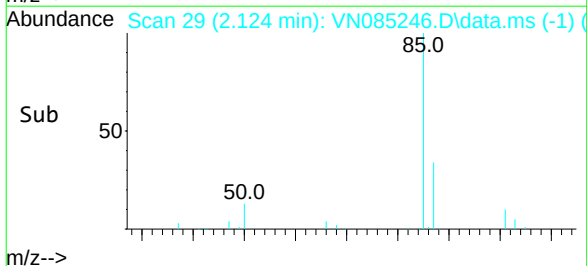
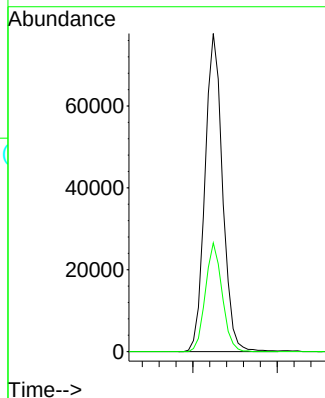
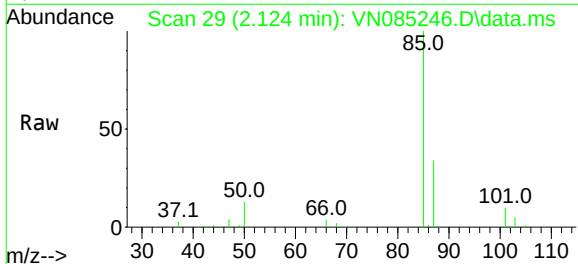
Manual Integrations
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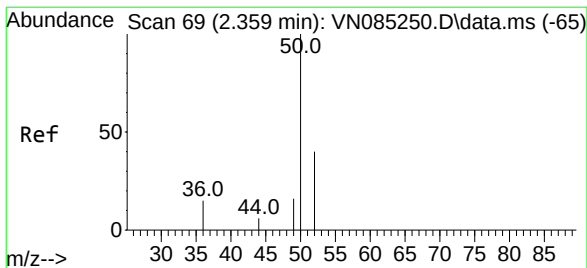
Reviewed By : John Carlone 12/20/2024
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#2
Dichlorodifluoromethane
Concen: 53.932 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion: 85 Resp: 112357
Ion Ratio Lower Upper
85 100
87 34.2 17.1 51.3





#3

Chloromethane

Concen: 49.453 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 98202

Ion Ratio Lower Upper

50 100

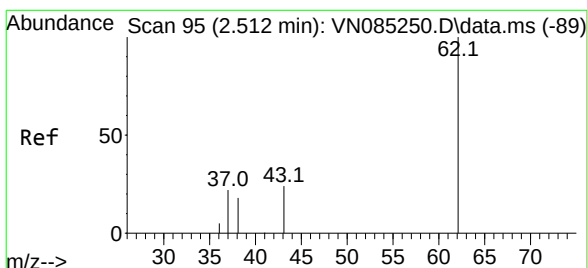
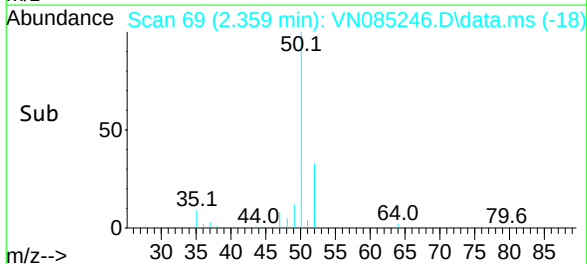
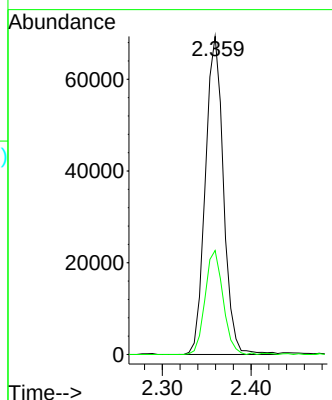
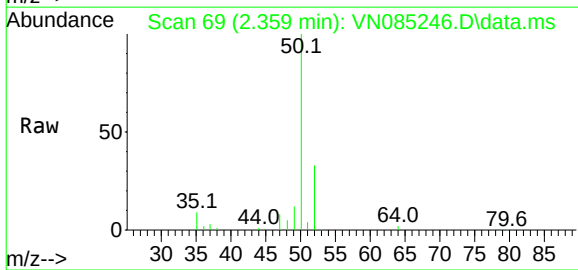
52 32.7 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.429 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085246.D

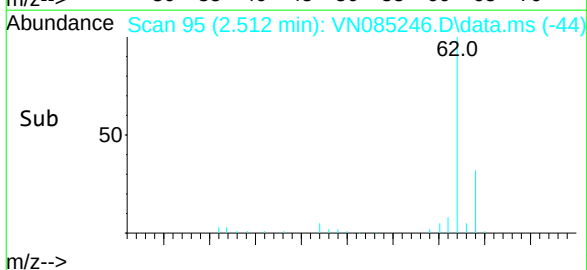
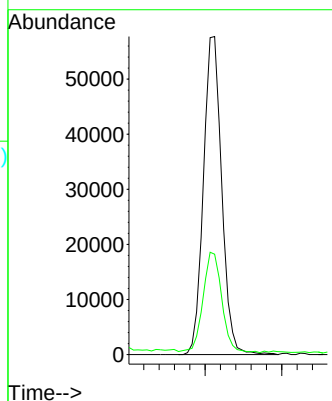
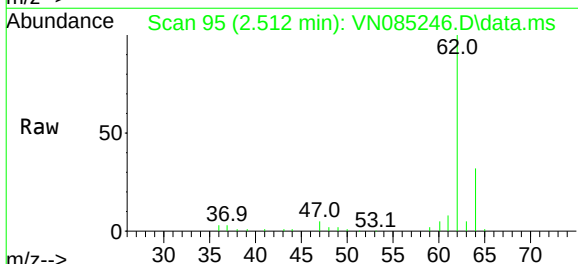
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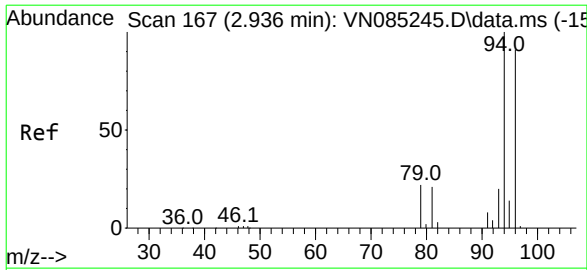
Tgt Ion: 62 Resp: 95687

Ion Ratio Lower Upper

62 100

64 30.6 24.5 36.7





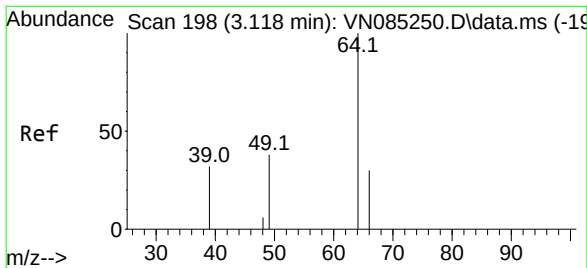
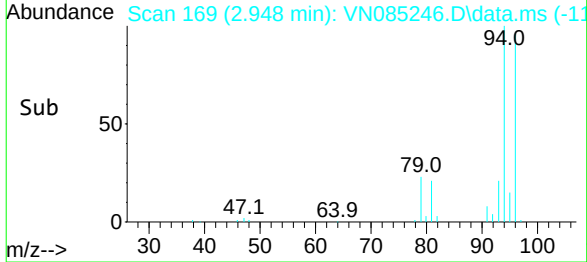
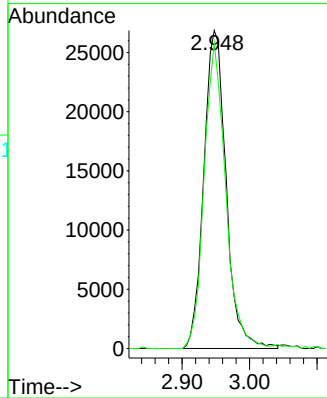
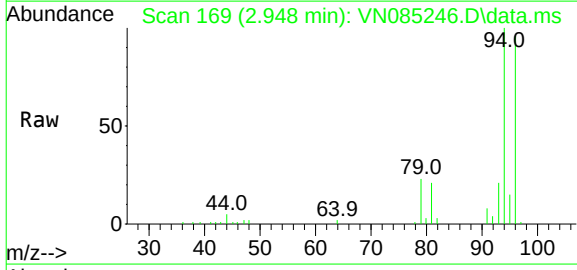
#5
Bromomethane
Concen: 50.591 ug/l
RT: 2.948 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 61747
Ion Ratio Lower Upper
94 100
96 96.0 76.8 115.2

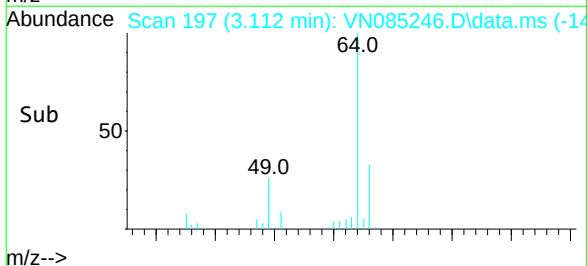
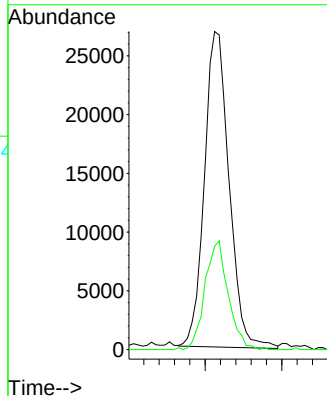
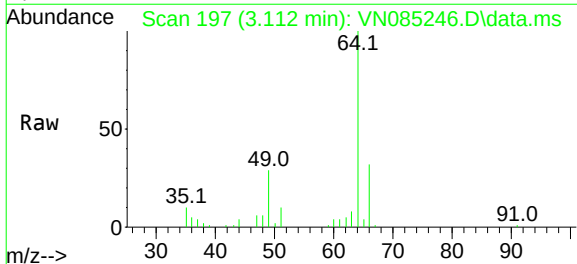
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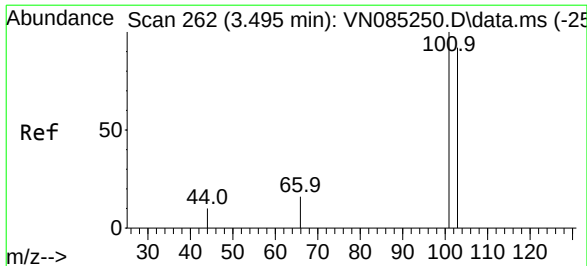
Reviewed By :John Carlone 12/20/2024
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#6
Chloroethane
Concen: 52.450 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

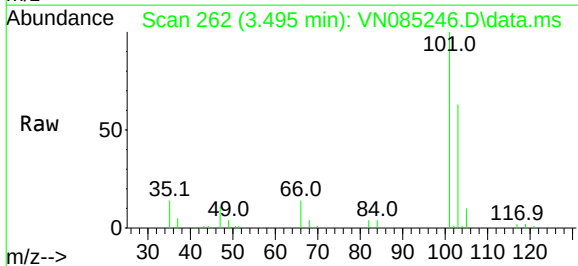
Tgt Ion: 64 Resp: 59950
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 53.154 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

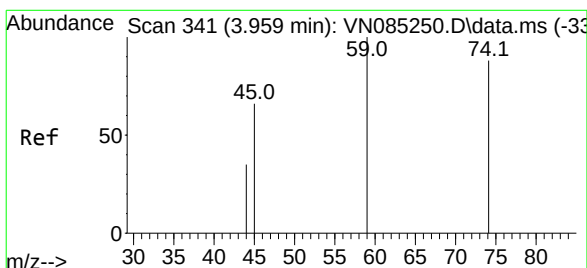
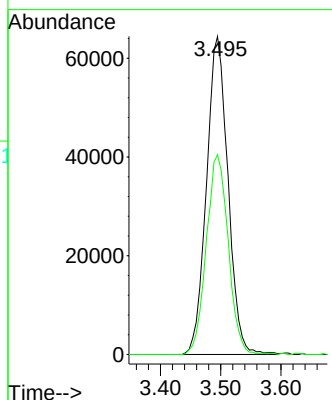
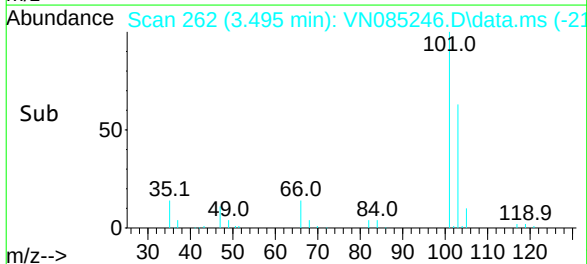
Instrument :
MSVOA_N
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Tgt Ion: 101 Resp: 159703
Ion Ratio Lower Upper
101 100
103 62.8 50.2 75.4

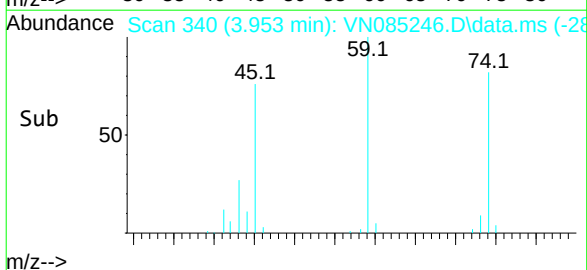
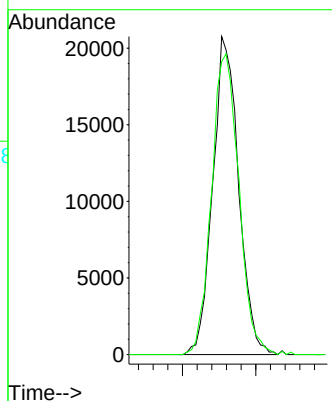
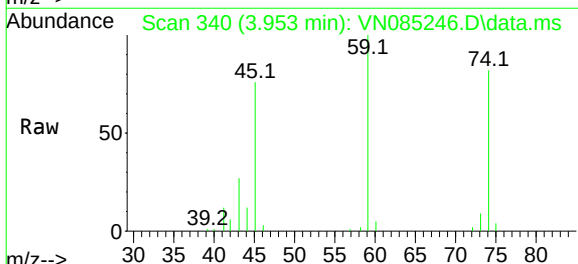
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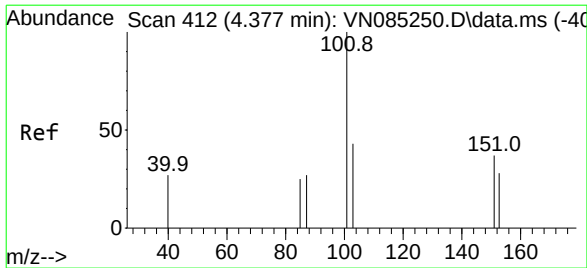
Reviewed By : John Carlone 12/20/2024
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#8
Diethyl Ether
Concen: 53.771 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN085246.D
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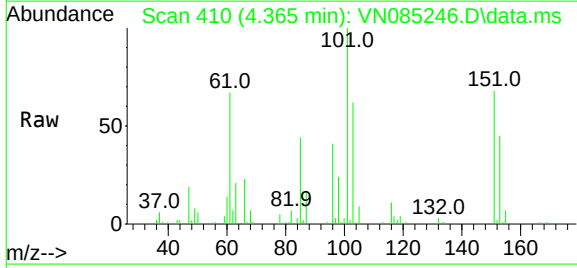
Tgt Ion: 74 Resp: 50744
Ion Ratio Lower Upper
74 100
45 100.1 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.415 ug/l
RT: 4.365 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

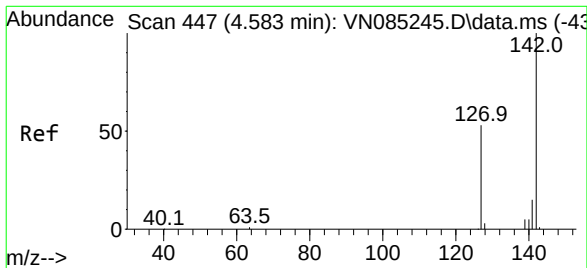
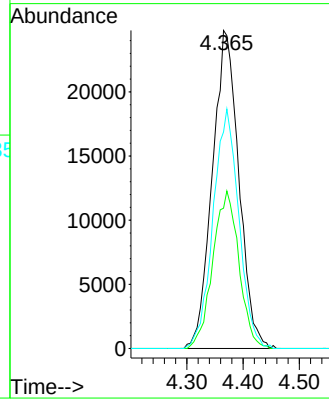
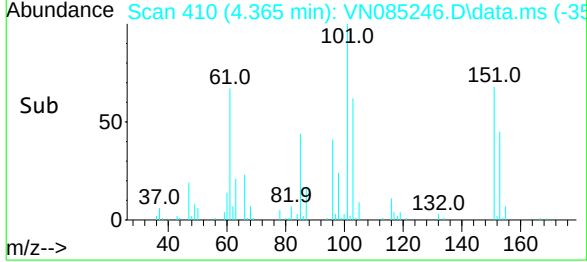
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



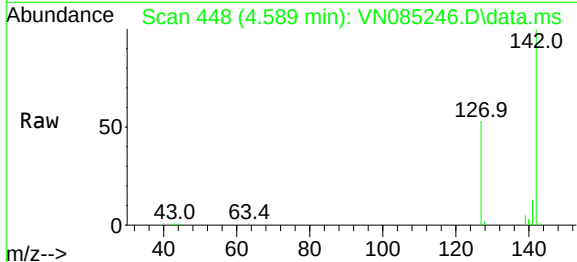
Tgt Ion:101 Resp: 81240
Ion Ratio Lower Upper
101 100
85 48.7 39.0 58.4
151 73.2 58.6 87.8

Manual Integrations
APPROVED

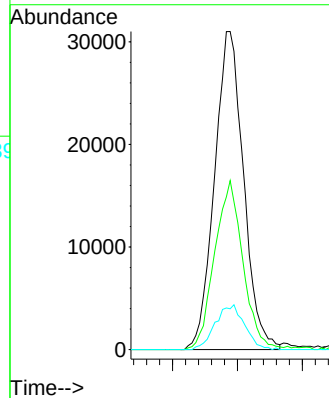
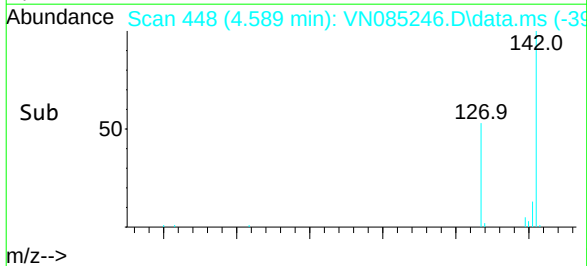
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

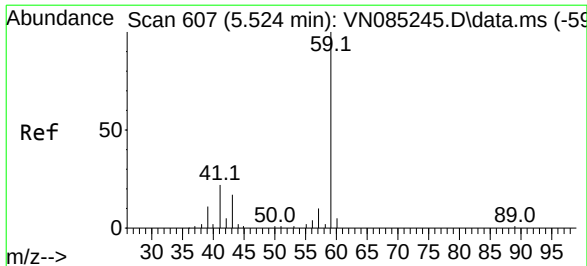


#10
Methyl Iodide
Concen: 52.478 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20



Tgt Ion:142 Resp: 96420
Ion Ratio Lower Upper
142 100
127 53.1 42.5 63.7
141 12.8 10.2 15.4





#11

Tert butyl alcohol

Concen: 239.194 ug/l

RT: 5.518 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

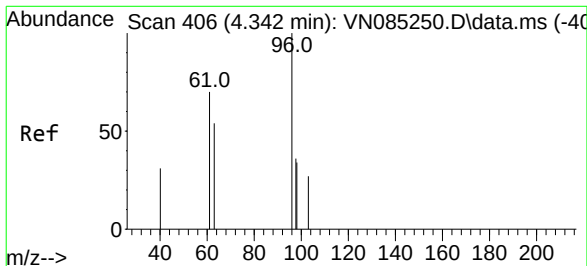
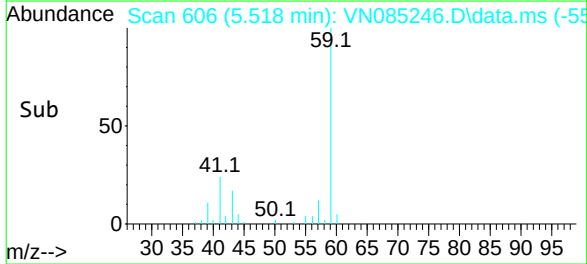
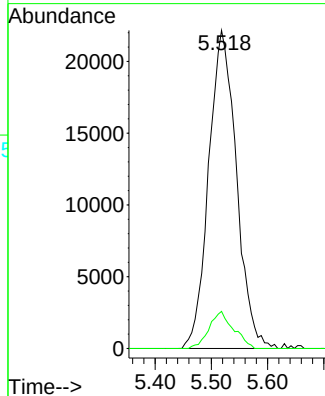
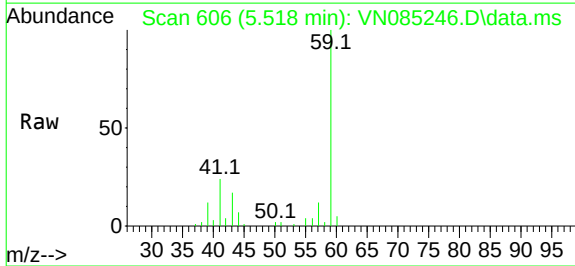
Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#12

1,1-Dichloroethene

Concen: 52.162 ug/l

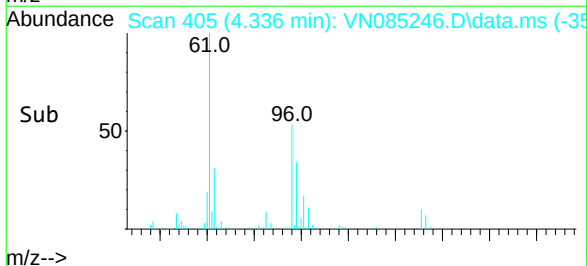
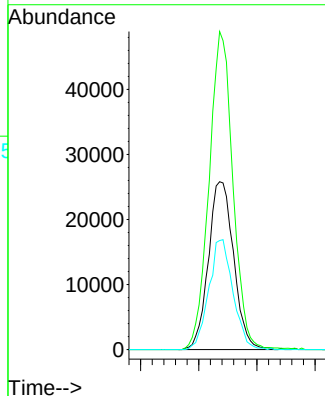
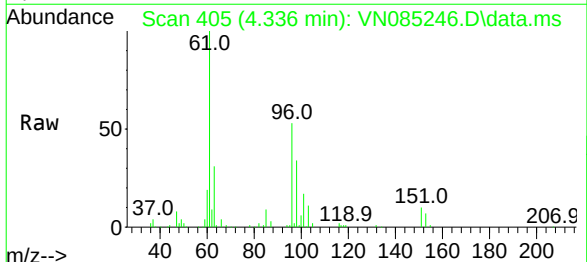
RT: 4.336 min Scan# 405

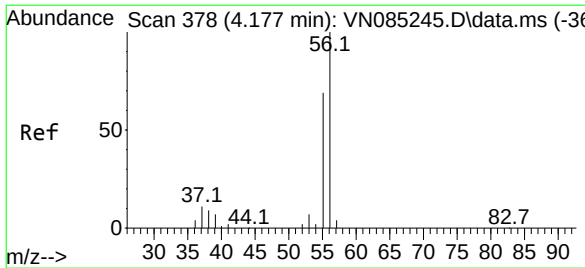
Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	189.5	151.6	227.4
98	64.9	51.9	77.9





#13

Acrolein

Concen: 238.807 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 87320

Ion Ratio Lower Upper

56 100

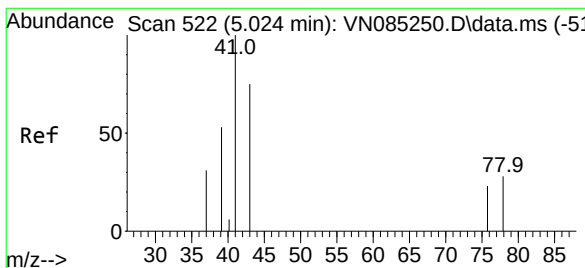
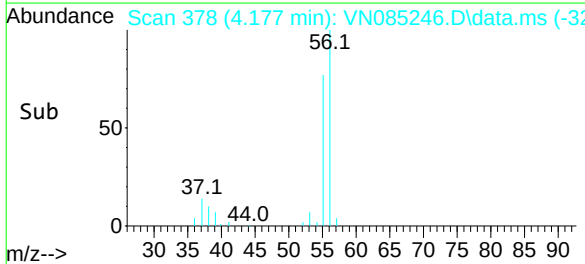
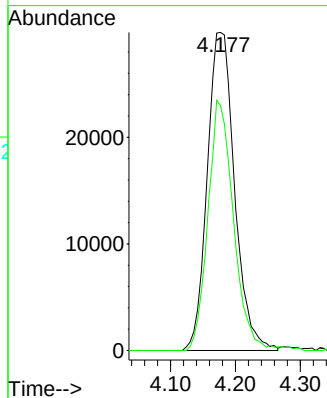
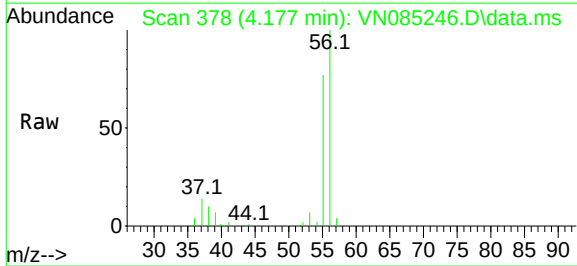
55 73.8 59.0 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Allyl chloride

Concen: 50.809 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

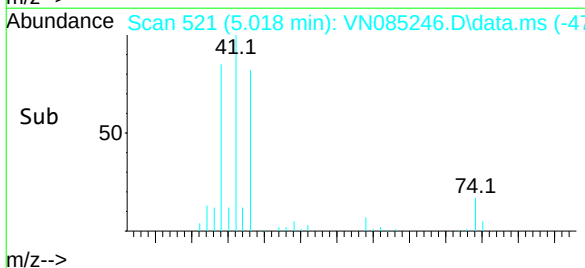
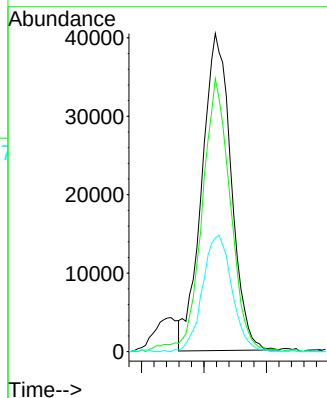
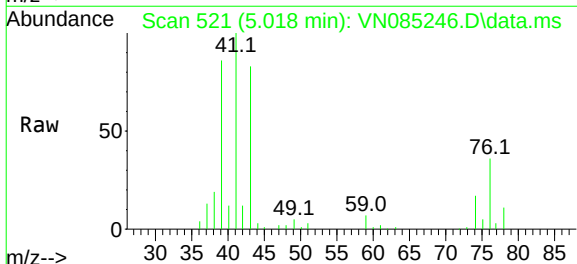
Tgt Ion: 41 Resp: 131650

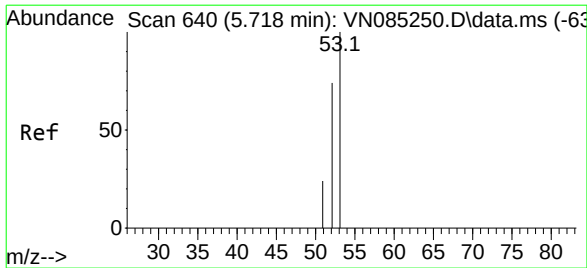
Ion Ratio Lower Upper

41 100

39 83.4 66.7 100.1

76 36.8 29.4 44.2





#15

Acrylonitrile

Concen: 253.360 ug/l

RT: 5.712 min Scan# 63

Delta R.T. 0.000 min

Lab File: VN085246.D

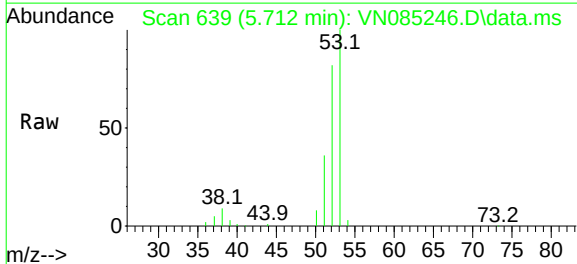
Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



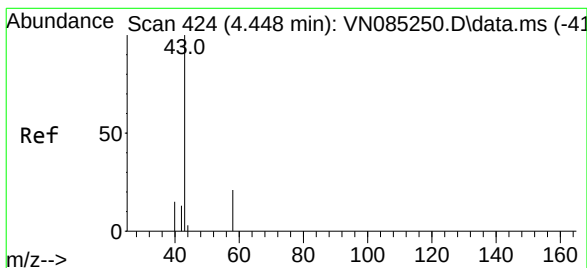
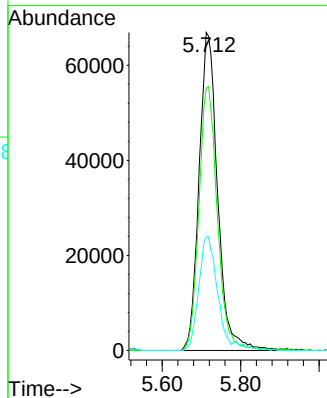
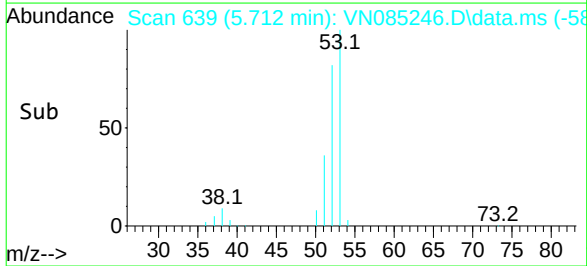
Tgt Ion:	53	Resp:	219108
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.3	99.5
51	35.2	28.2	42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#16

Acetone

Concen: 241.671 ug/l

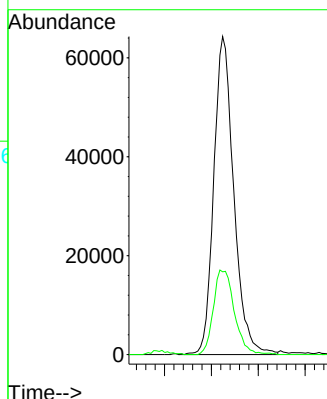
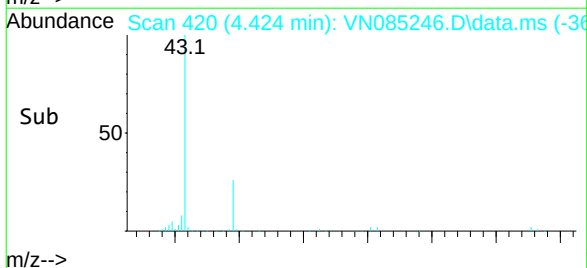
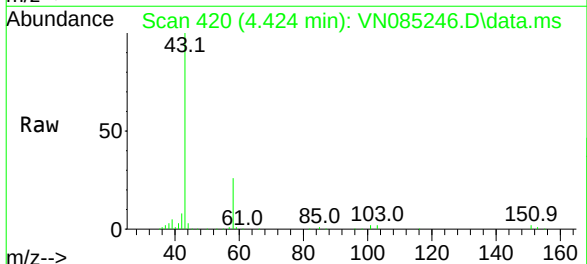
RT: 4.424 min Scan# 420

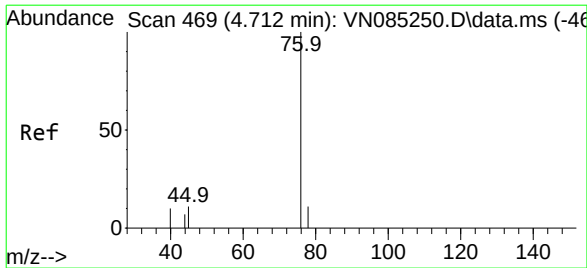
Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

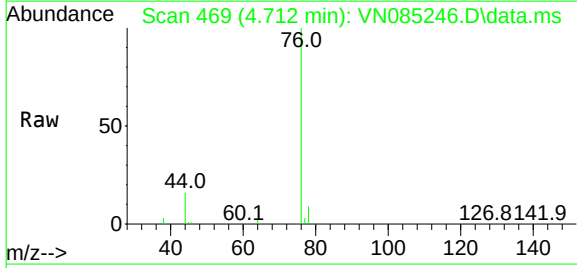
Tgt Ion:	43	Resp:	190678
Ion	Ratio	Lower	Upper
43	100		
58	26.0	20.8	31.2





#17
Carbon Disulfide
Concen: 46.819 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

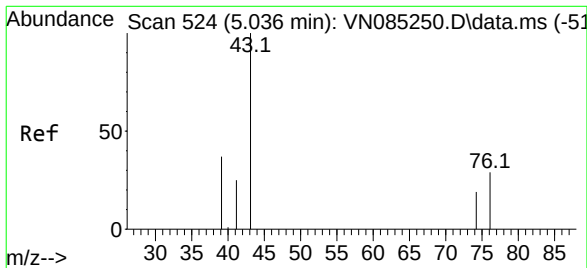
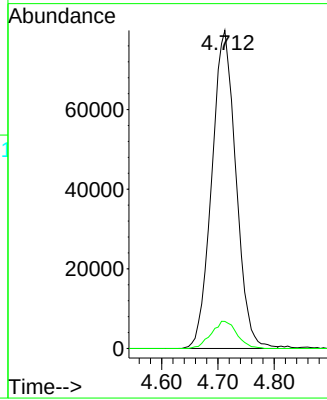
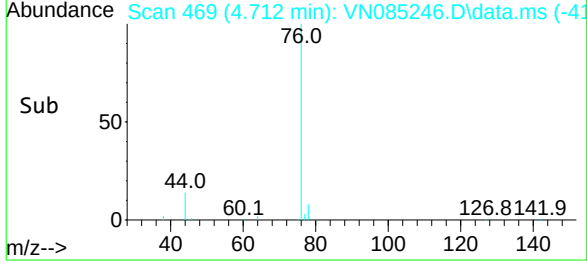
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 238489
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

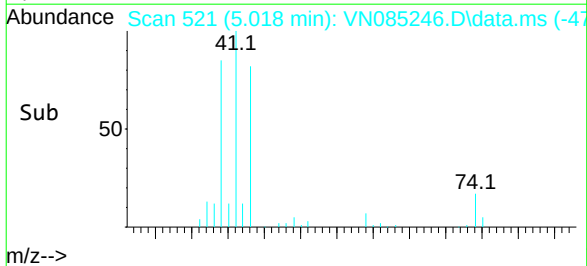
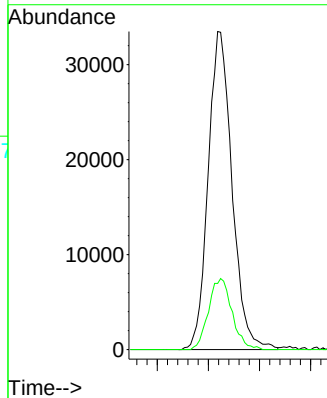
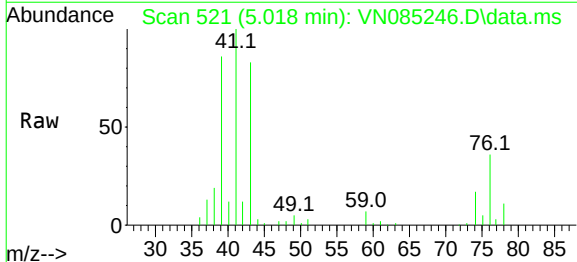
Manual Integrations
APPROVED

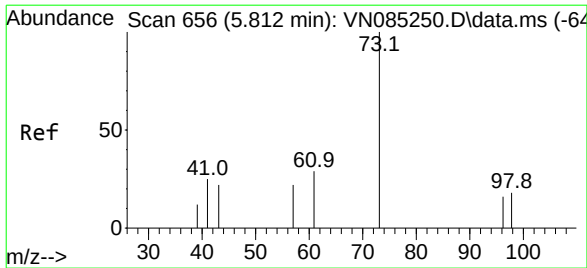
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 48.652 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion: 43 Resp: 108674
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





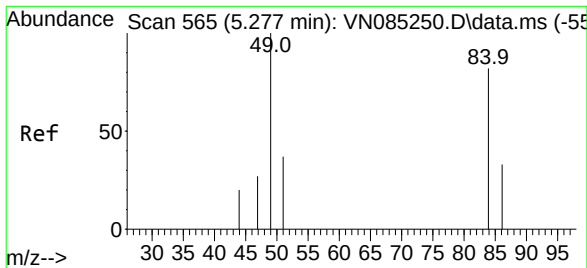
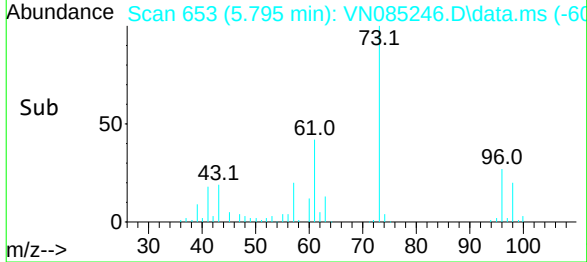
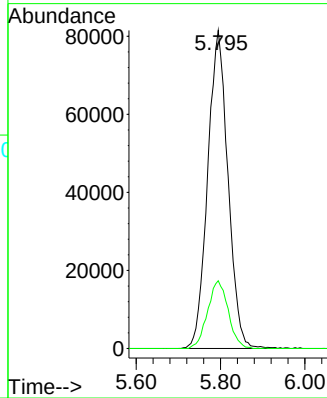
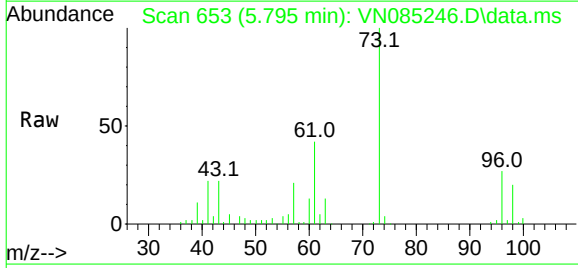
#19
Methyl tert-butyl Ether
Concen: 53.173 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 272038
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

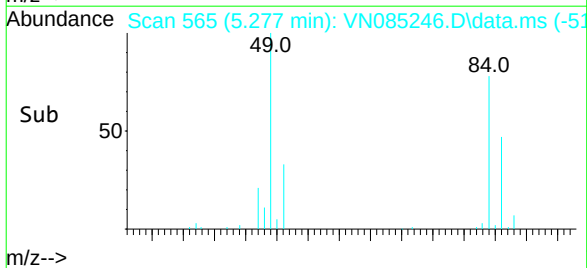
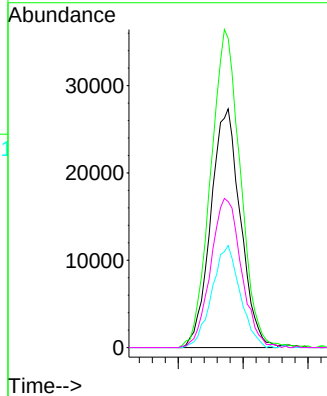
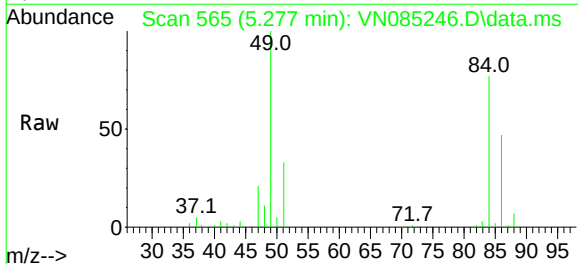
Manual Integrations
APPROVED

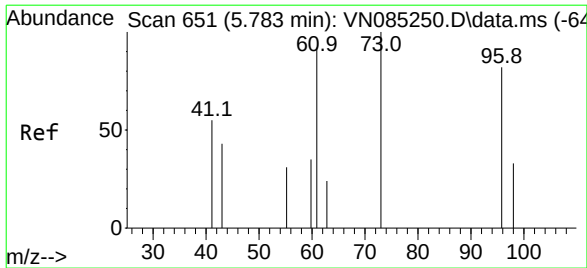
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 50.403 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

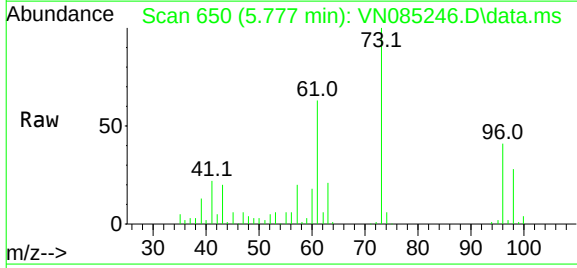
Tgt Ion: 84 Resp: 86992
Ion Ratio Lower Upper
84 100
49 129.5 103.6 155.4
51 42.7 34.2 51.2
86 61.1 48.9 73.3





#21
trans-1,2-Dichloroethene
Concen: 48.833 ug/l
RT: 5.777 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

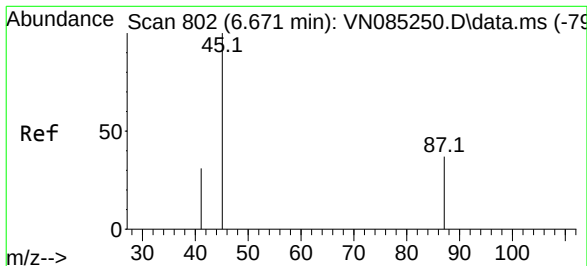
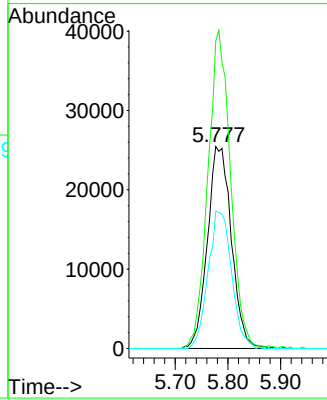
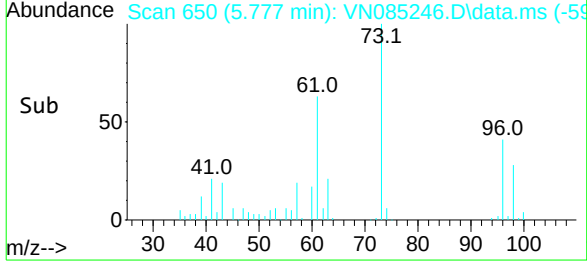
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



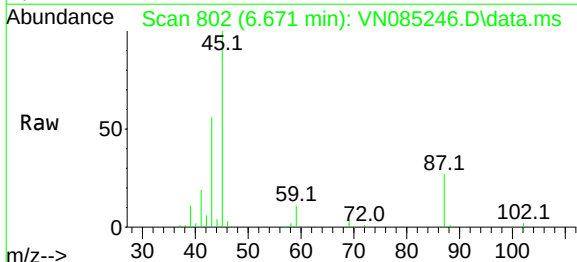
Tgt Ion: 96 Resp: 80363
Ion Ratio Lower Upper
96 100
61 152.5 122.0 183.0
98 67.9 54.3 81.5

Manual Integrations
APPROVED

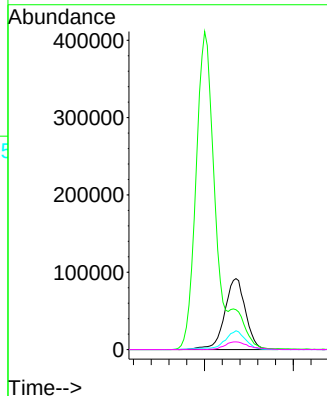
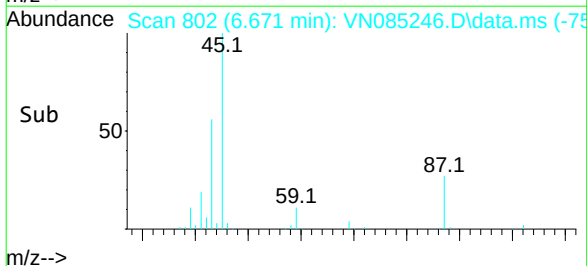
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

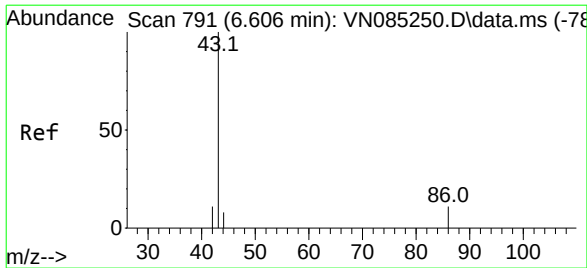


#22
Diisopropyl ether
Concen: 54.338 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20



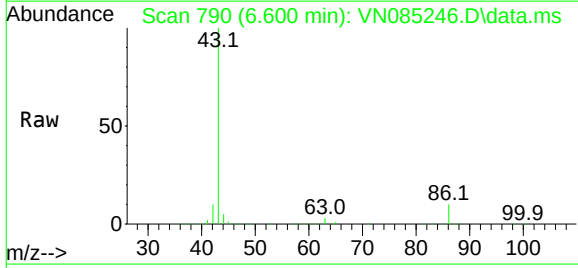
Tgt Ion: 45 Resp: 299652
Ion Ratio Lower Upper
45 100
43 54.7 43.8 65.6
87 26.5 21.2 31.8
59 10.8 8.6 13.0





#23
 Vinyl Acetate
 Concen: 274.391 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN085246.D
 Acq: 18 Dec 2024 12:20

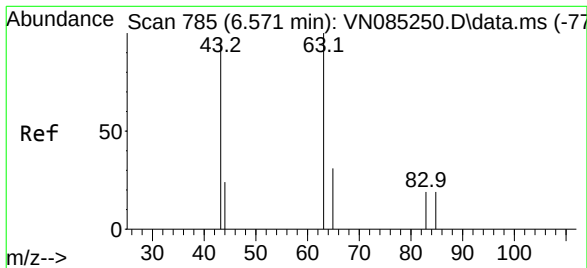
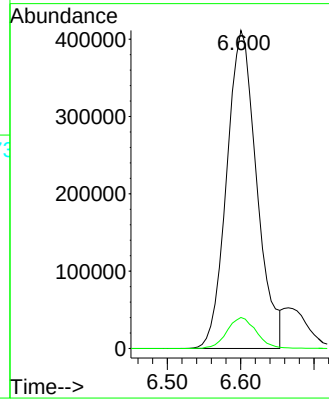
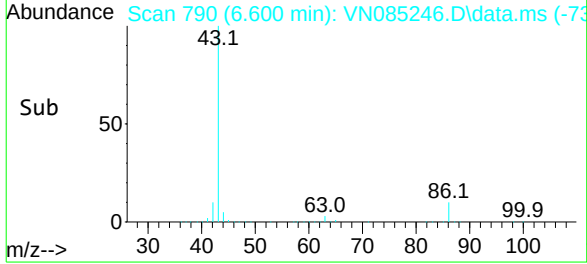
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



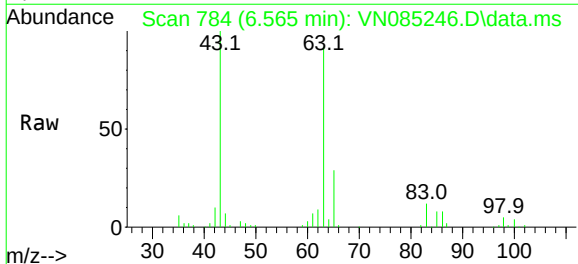
Tgt Ion: 43 Resp: 1169229
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
 APPROVED

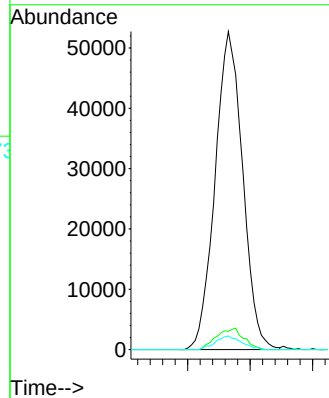
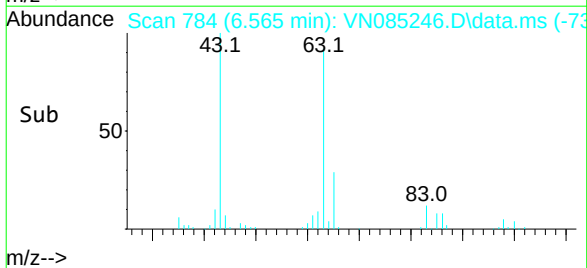
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

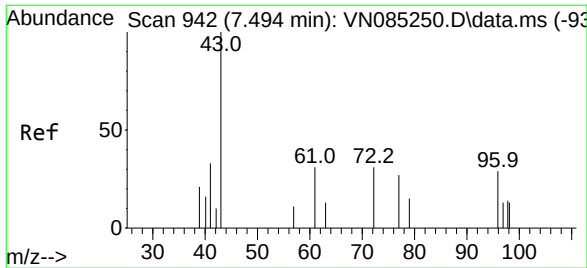


#24
 1,1-Dichloroethane
 Concen: 50.625 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085246.D
 Acq: 18 Dec 2024 12:20



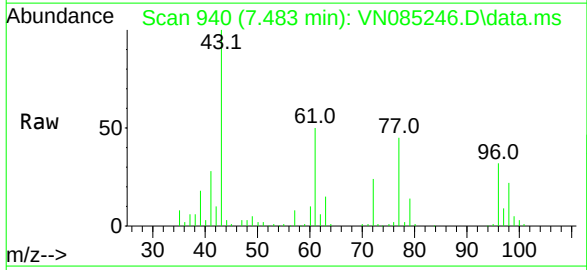
Tgt Ion: 63 Resp: 161717
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 252.603 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

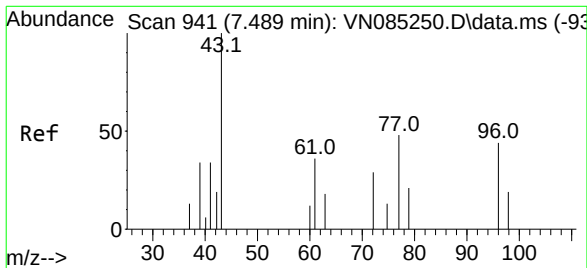
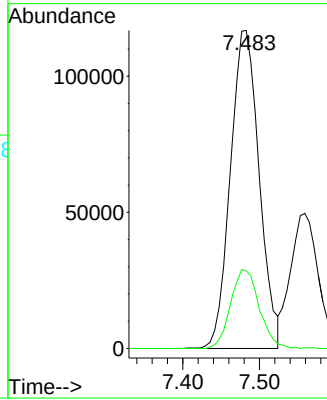
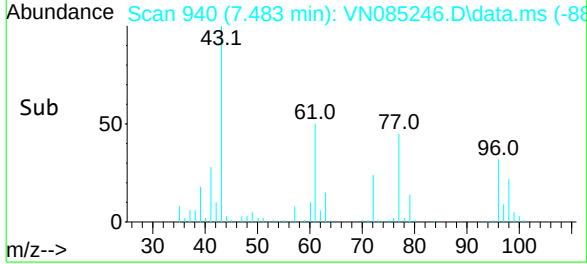
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 305214
Ion Ratio Lower Upper
43 100
72 24.5 19.6 29.4

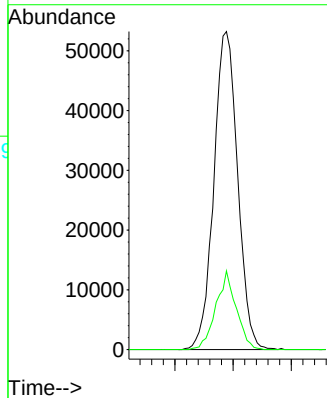
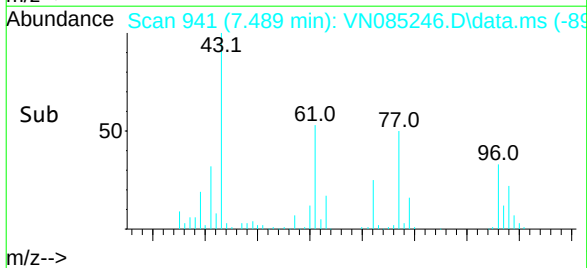
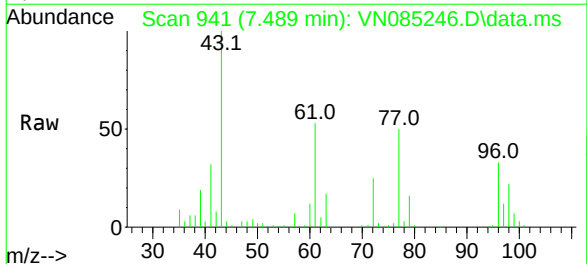
Manual Integrations
APPROVED

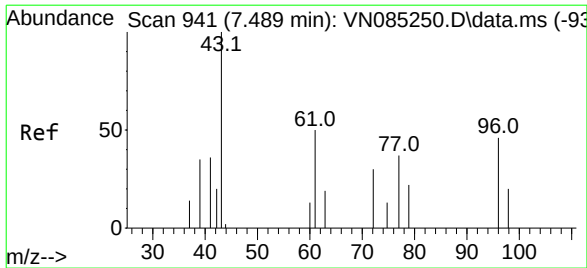
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
2,2-Dichloropropane
Concen: 51.127 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion: 77 Resp: 151231
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.6





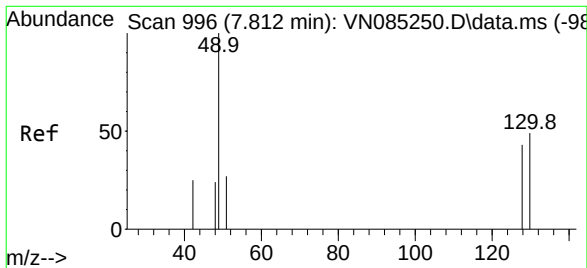
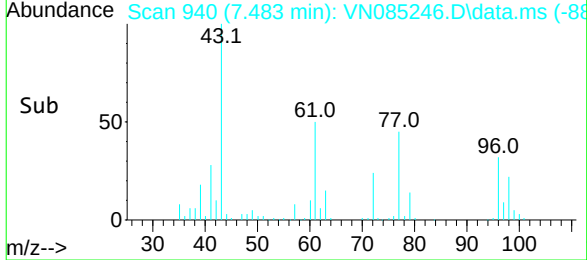
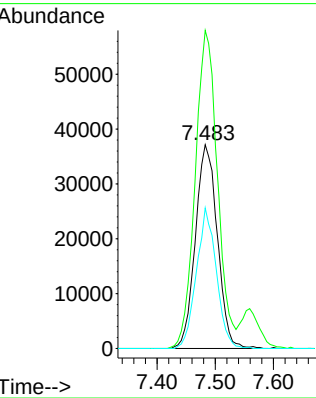
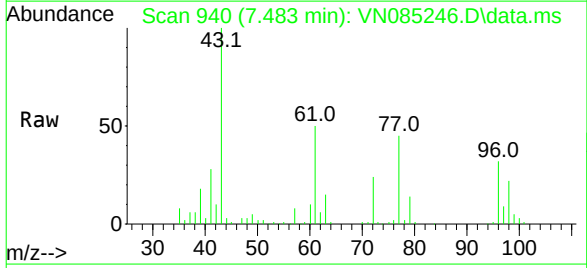
#27
cis-1,2-Dichloroethene
Concen: 50.863 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 97457
Ion Ratio Lower Upper
96 100
61 158.2 0.0 316.4
98 62.7 0.0 125.4

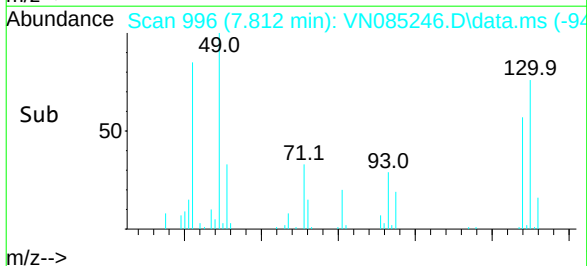
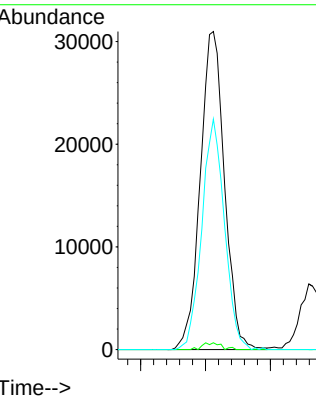
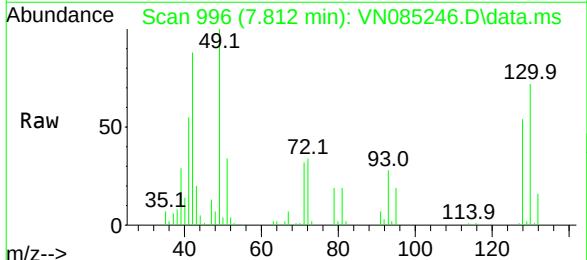
Manual Integrations
APPROVED

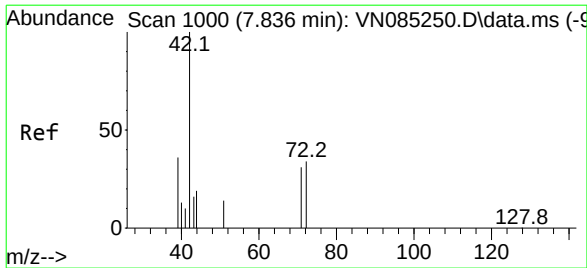
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28
Bromochloromethane
Concen: 49.924 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion: 49 Resp: 80429
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 67.6 54.1 81.1





#29

Tetrahydrofuran

Concen: 264.498 ug/l

RT: 7.836 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

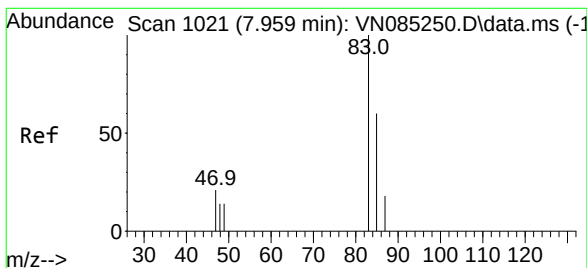
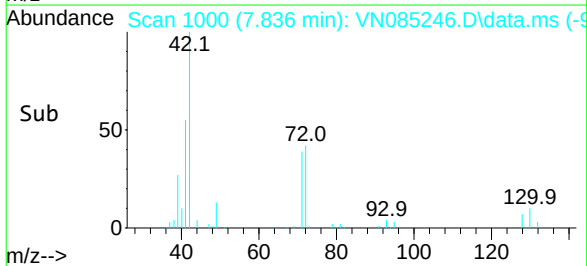
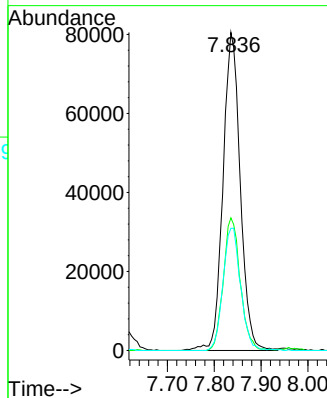
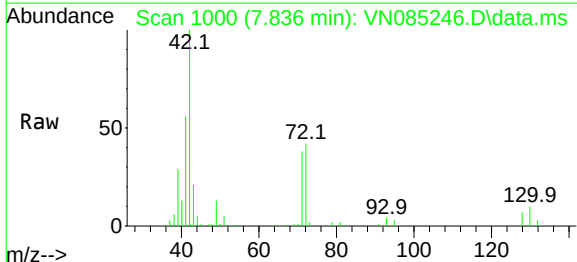
Tgt Ion:	42	Resp:	206011
Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.7	49.1
71	39.3	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#30

Chloroform

Concen: 49.119 ug/l

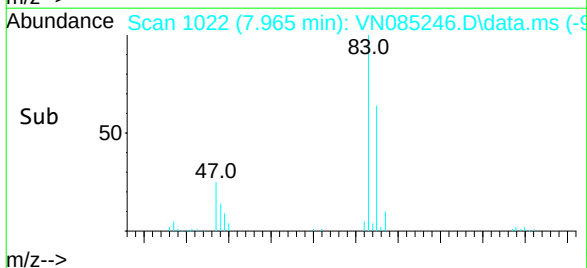
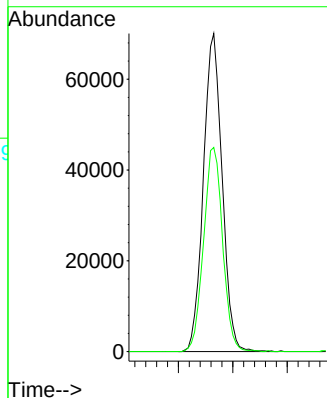
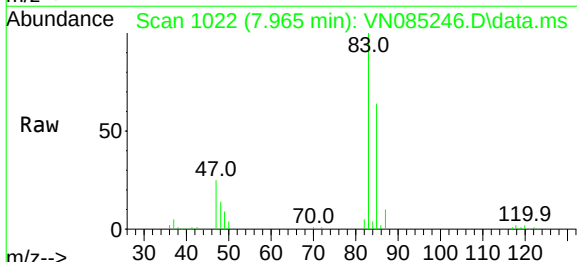
RT: 7.965 min Scan# 1022

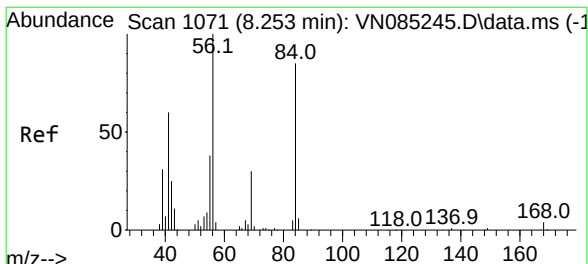
Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

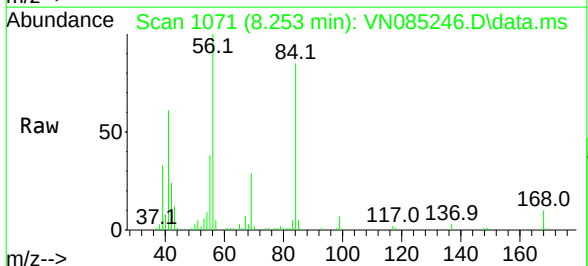
Tgt Ion:	83	Resp:	167564
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.0





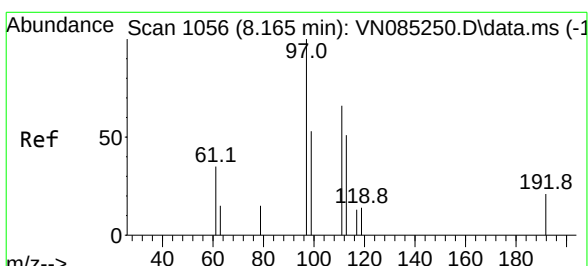
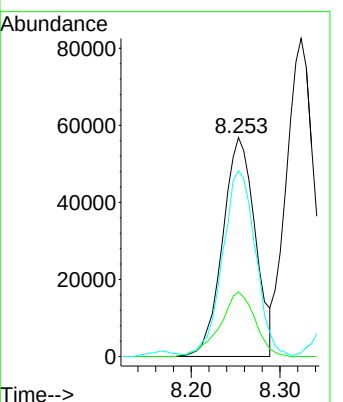
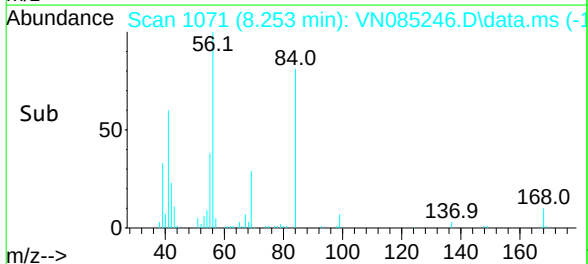
#31
Cyclohexane
Concen: 48.970 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument : MSVOA_N
ClientSampleId : VSTDICCC050

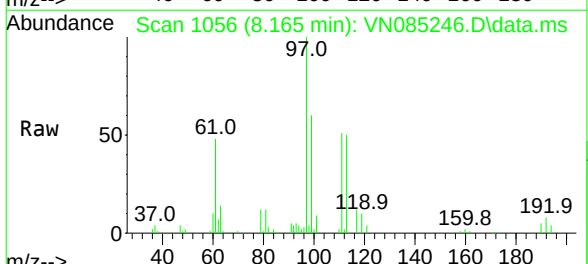


Tgt Ion:	56	Resp:	144815
Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.6	35.4
84	83.2	66.6	99.8

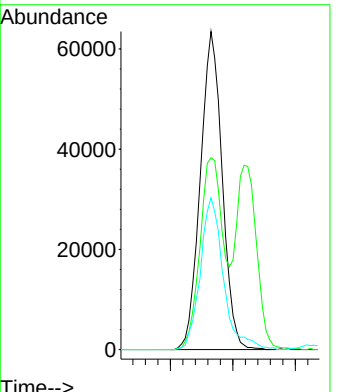
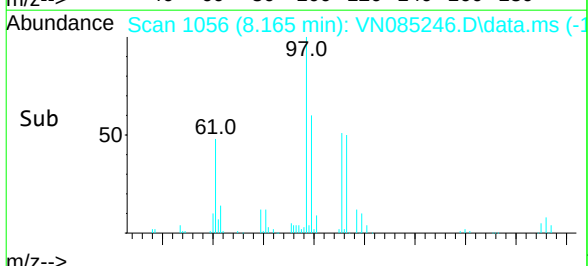
Manual Integrations
APPROVED
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

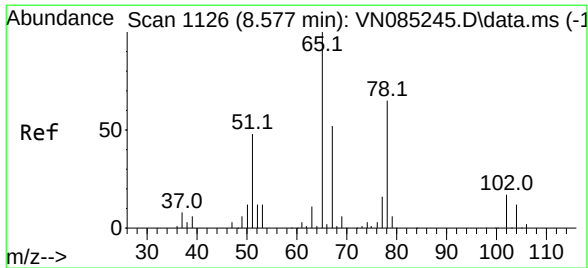


#32
1,1,1-Trichloroethane
Concen: 50.738 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20



Tgt Ion:	97	Resp:	154270
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	50.5	40.4	60.6





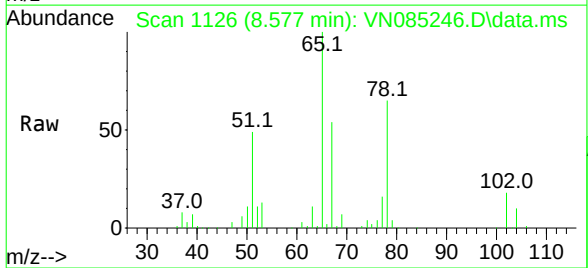
#33
 1,2-Dichloroethane-d4
 Concen: 46.668 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085246.D
 Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

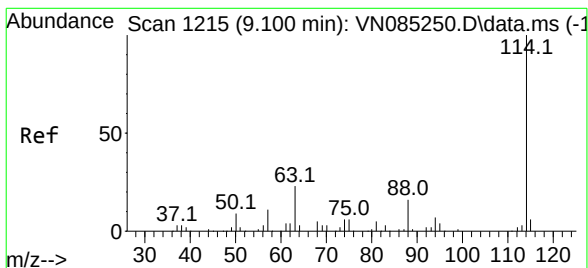
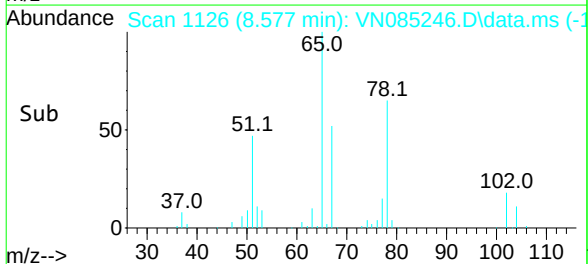
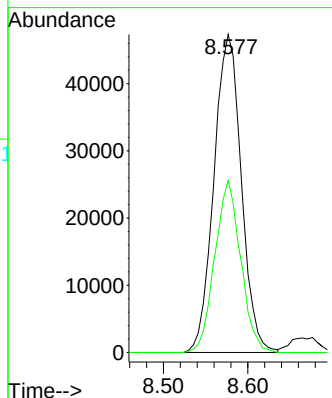
VSTDICCC050



Tgt Ion: 65 Resp: 106671
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2

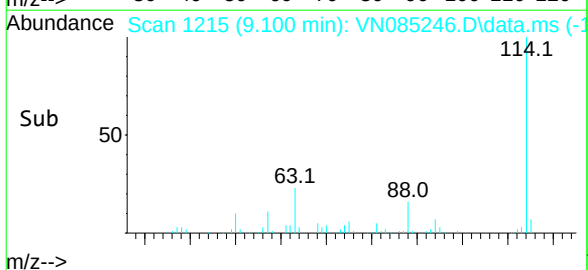
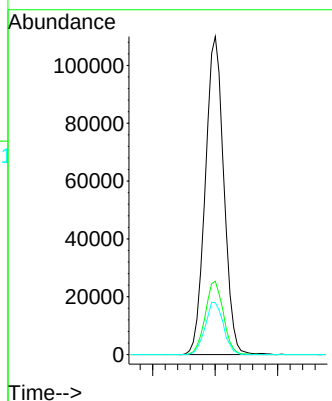
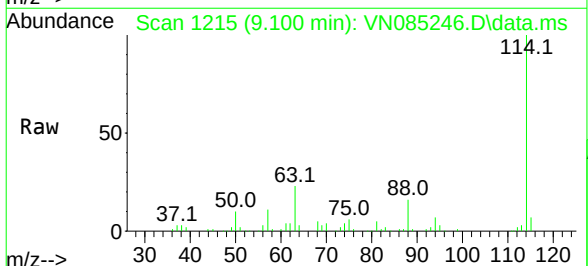
Manual Integrations
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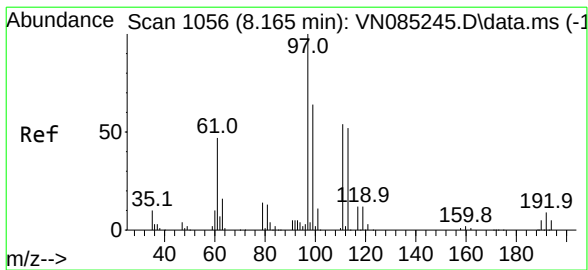
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN085246.D
 Acq: 18 Dec 2024 12:20

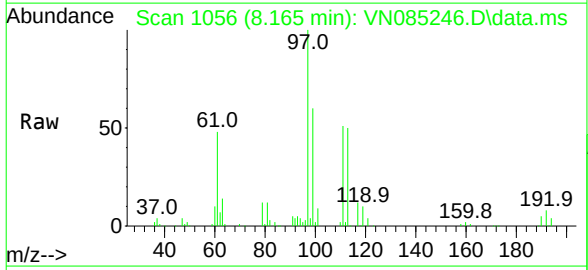
Tgt Ion:114 Resp: 226121
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.2
 88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.205 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

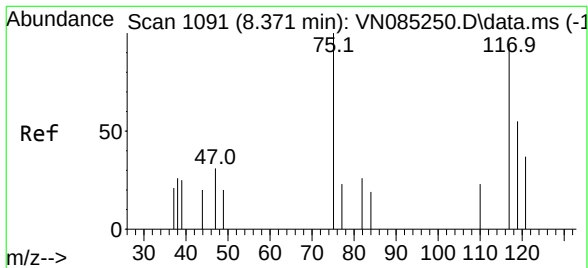
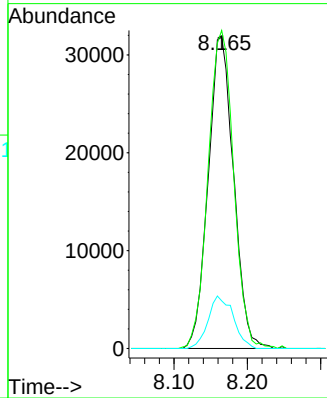
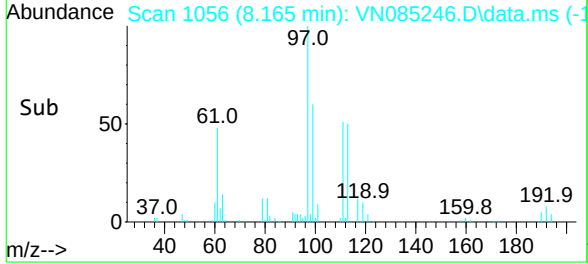
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.1	123.1
192	16.7	13.4	20.0

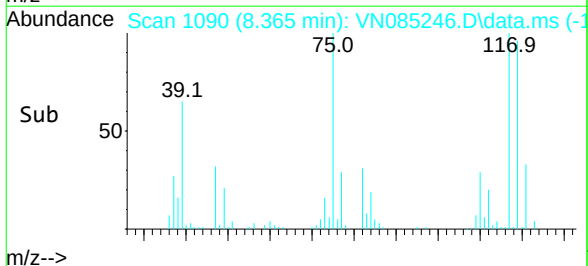
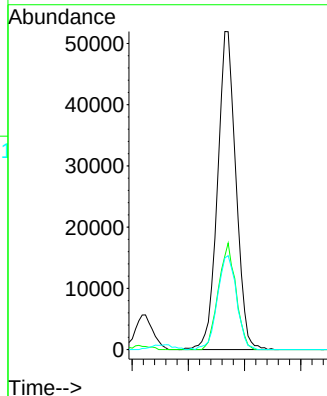
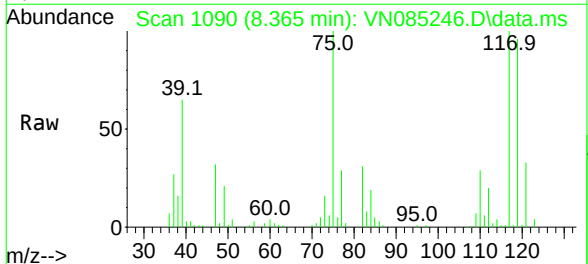
Manual Integrations
APPROVED

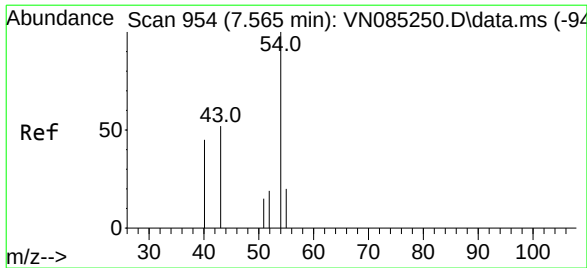
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#36
1,1-Dichloropropene
Concen: 53.239 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

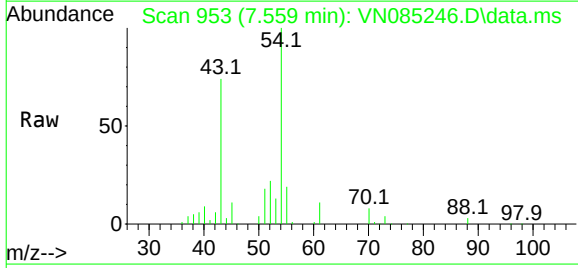
Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.0	16.0	48.0
77	30.7	24.6	36.8





#37
Ethyl Acetate
Concen: 50.284 ug/l
RT: 7.559 min Scan# 954
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

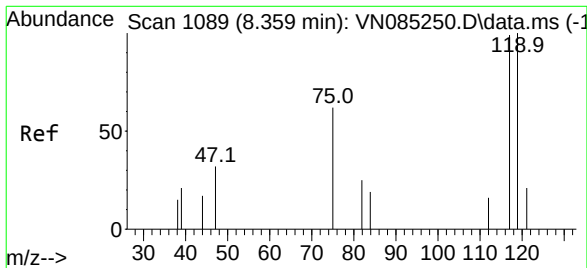
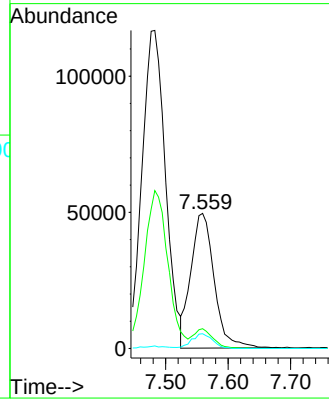
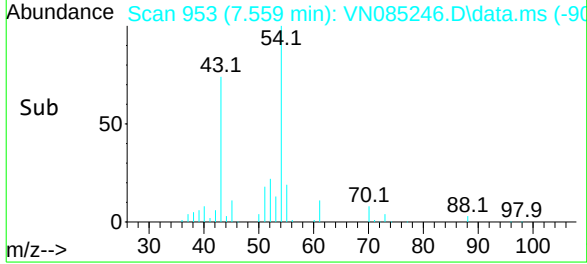
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 128415
Ion Ratio Lower Upper
43 100
61 12.2 9.8 14.6
70 9.8 7.8 11.8

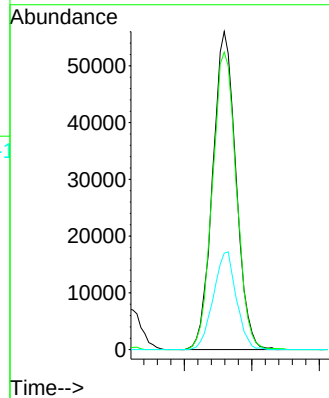
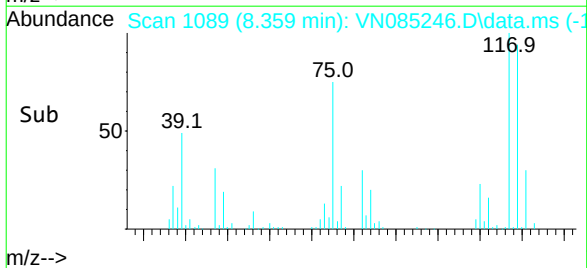
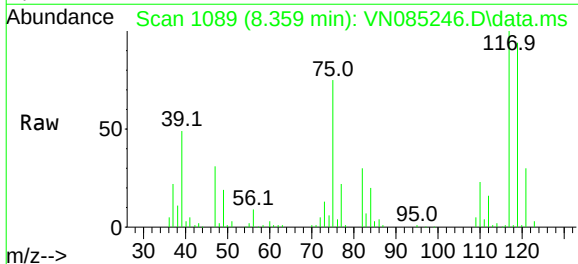
Manual Integrations
APPROVED

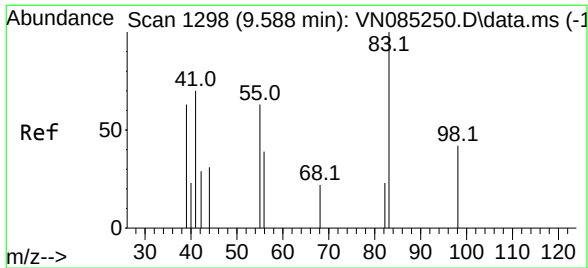
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 50.239 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

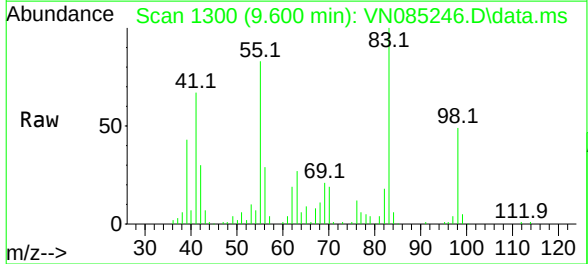
Tgt Ion:117 Resp: 134463
Ion Ratio Lower Upper
117 100
119 93.5 74.8 112.2
121 30.3 24.2 36.4





#39
Methylcyclohexane
Concen: 55.345 ug/l
RT: 9.600 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

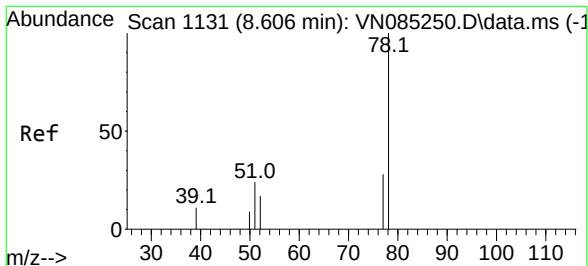
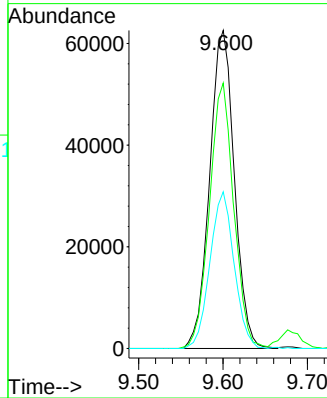
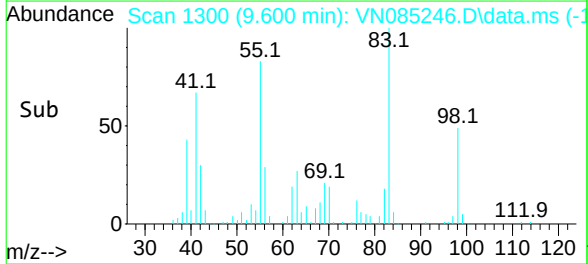
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 127487
Ion Ratio Lower Upper
83 100
55 83.5 66.8 100.2
98 49.3 39.4 59.2

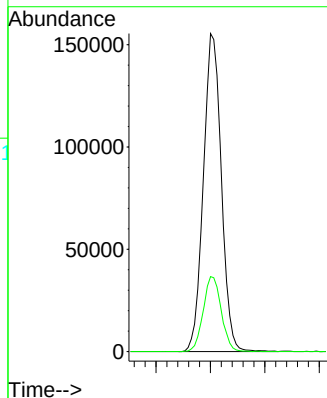
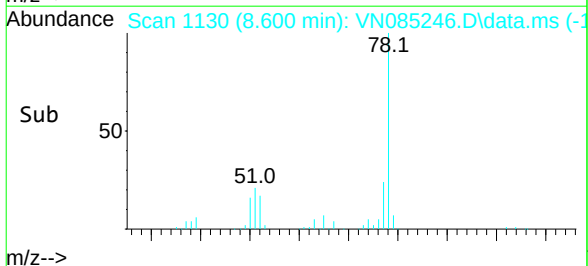
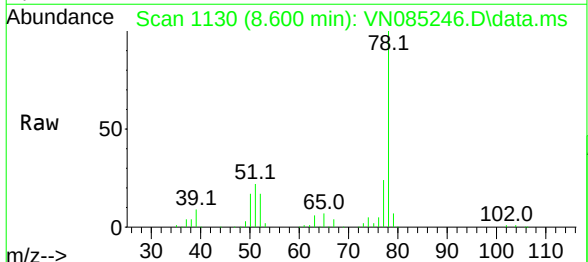
Manual Integrations
APPROVED

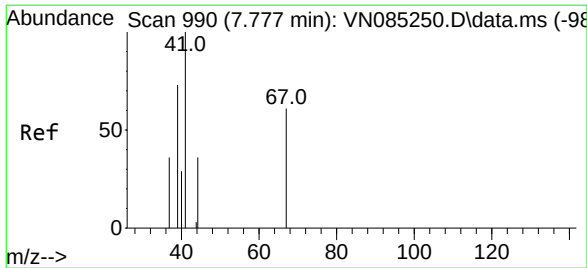
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
Benzene
Concen: 51.757 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion: 78 Resp: 356428
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





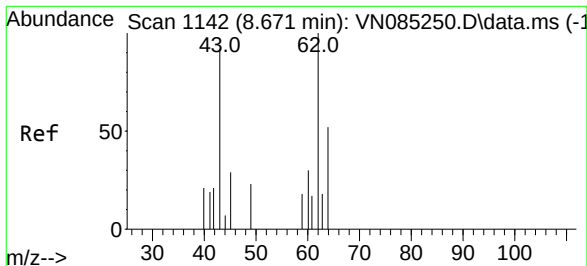
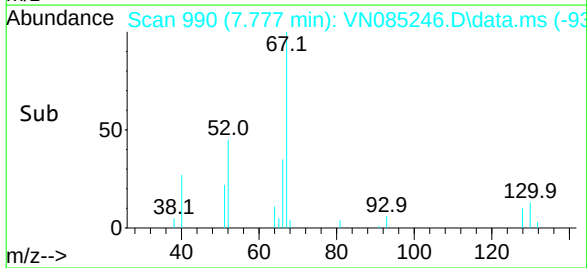
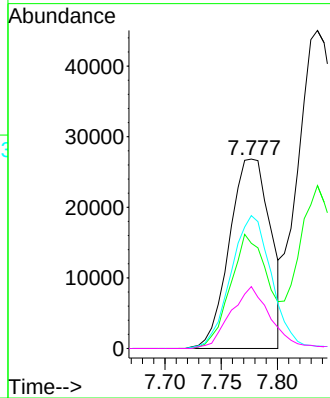
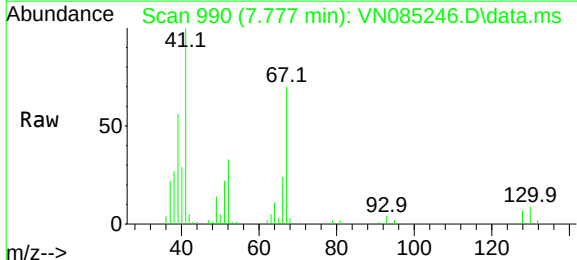
#41
Methacrylonitrile
Concen: 52.164 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	67891
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.0	66.0
67	70.0	56.0	84.0
52	32.2	25.8	38.6

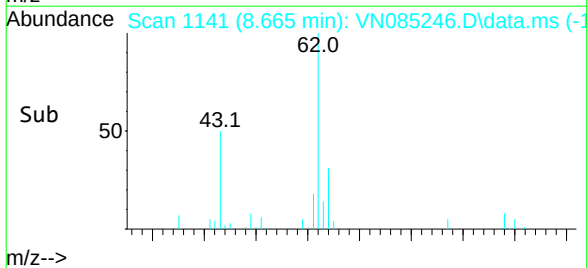
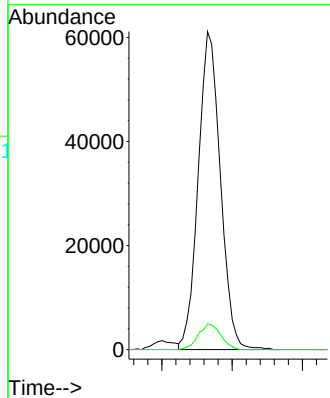
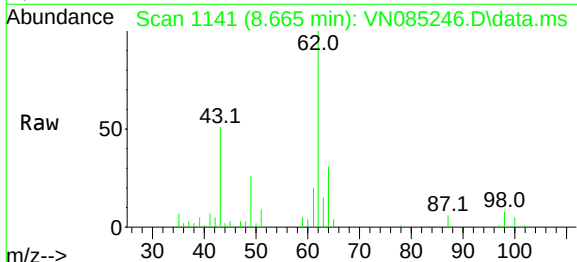
Manual Integrations
APPROVED

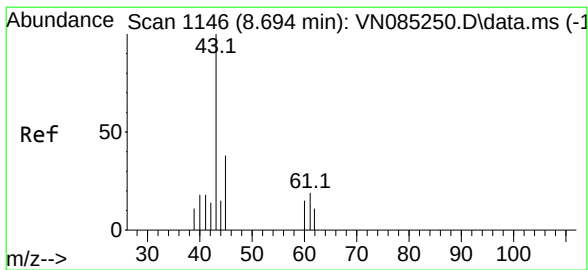
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 51.047 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion:	62	Resp:	133901
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4





#43

Isopropyl Acetate

Concen: 47.563 ug/l

RT: 8.683 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 222131

Ion Ratio Lower Upper

43 100

61 23.7 19.0 28.4

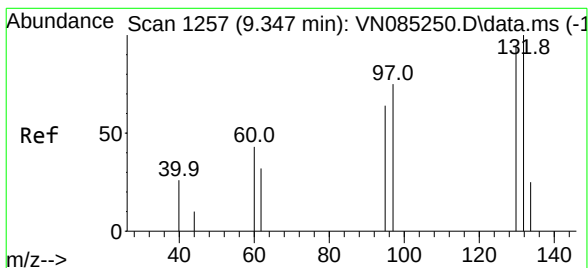
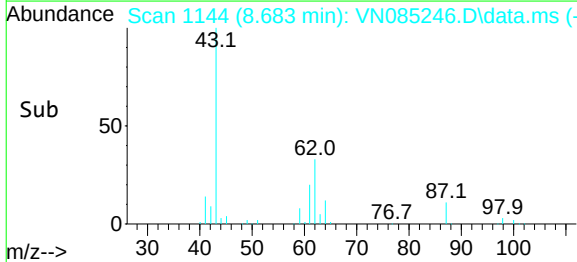
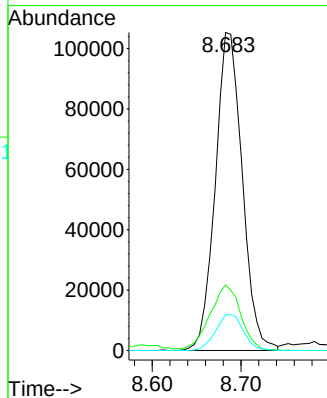
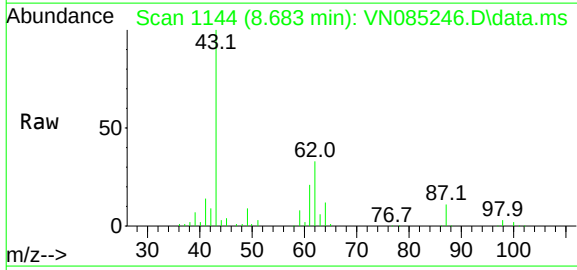
87 11.6 9.3 13.9

Manual Integrations

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Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#44

Trichloroethene

Concen: 50.530 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085246.D

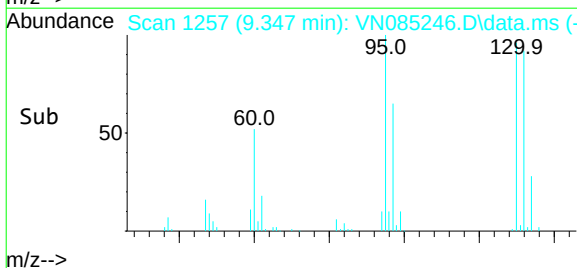
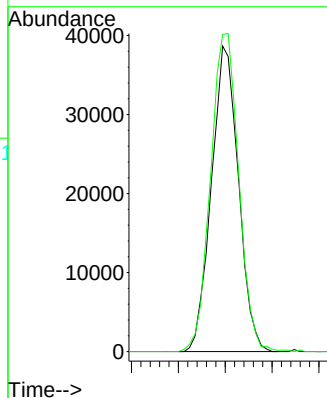
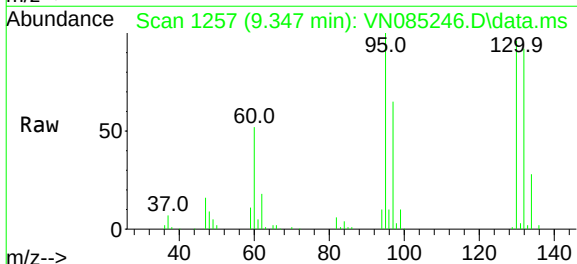
Acq: 18 Dec 2024 12:20

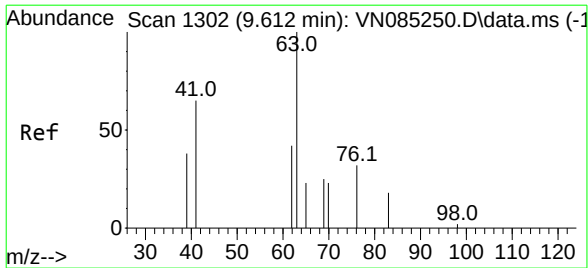
Tgt Ion:130 Resp: 77472

Ion Ratio Lower Upper

130 100

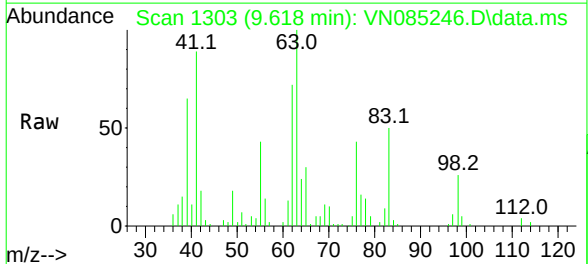
95 103.8 0.0 207.6





#45
1,2-Dichloropropane
Concen: 51.998 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

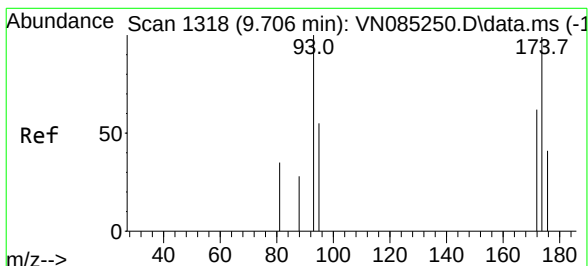
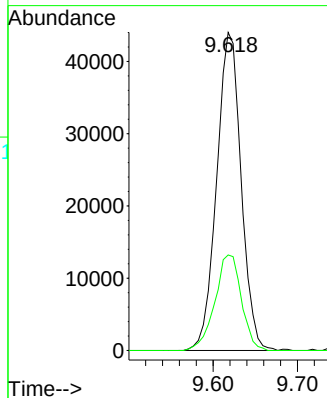
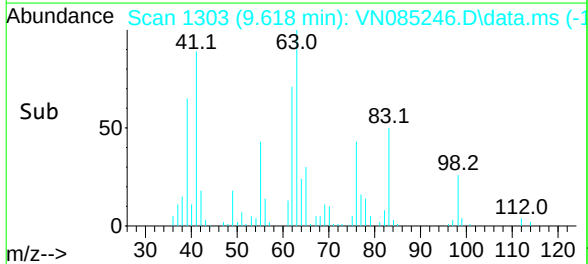
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 63 Resp: 88662
Ion Ratio Lower Upper
63 100
65 30.0 24.0 36.0

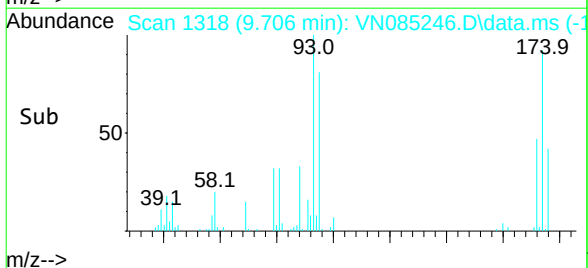
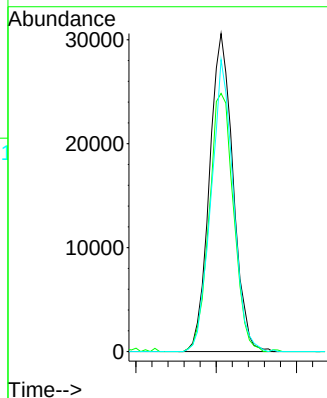
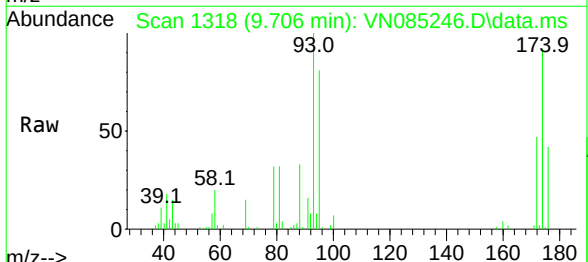
Manual Integrations
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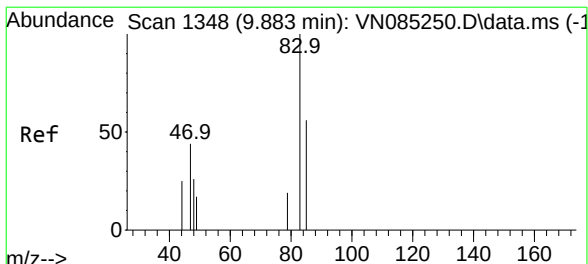
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
Dibromomethane
Concen: 51.292 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion: 93 Resp: 62433
Ion Ratio Lower Upper
93 100
95 83.8 67.0 100.6
174 86.6 69.3 103.9





#47
 Bromodichloromethane
 Concen: 52.162 ug/l
 RT: 9.888 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN085246.D
 Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

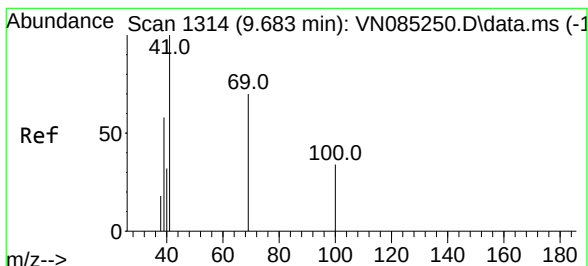
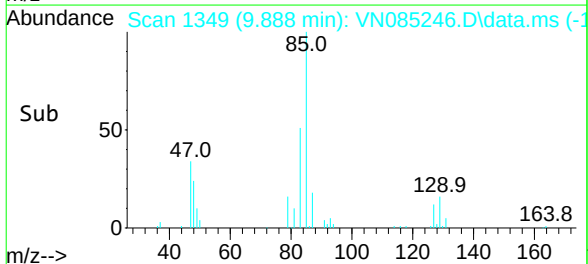
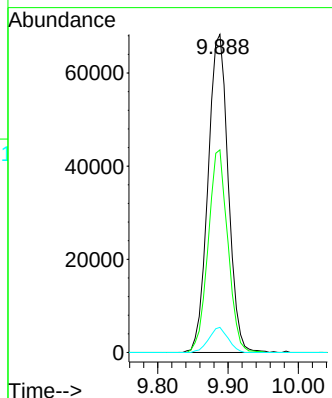
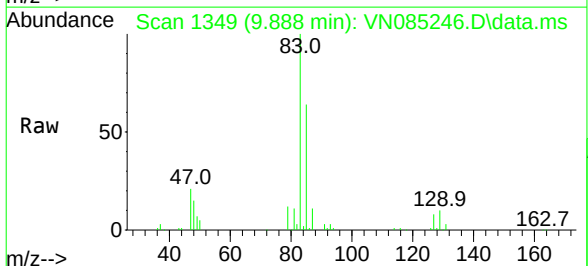
ClientSampleId :

VSTDICCC050

Tgt Ion:	83	Resp:	136033
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.4
127	7.9	6.3	9.5

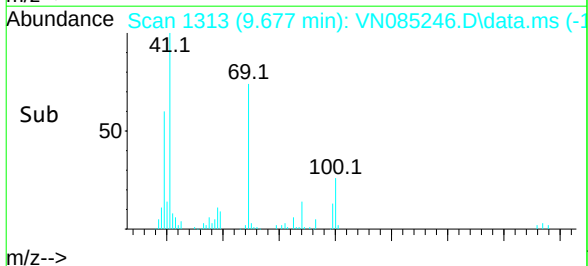
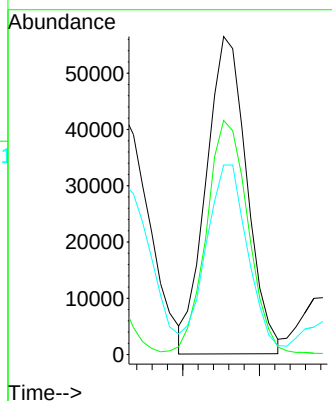
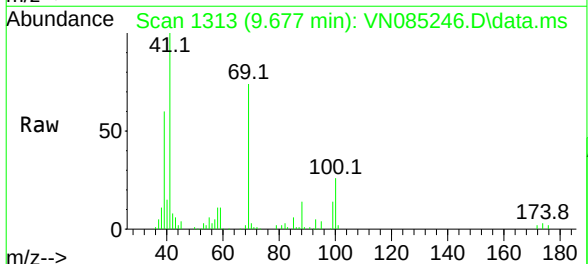
Manual Integrations
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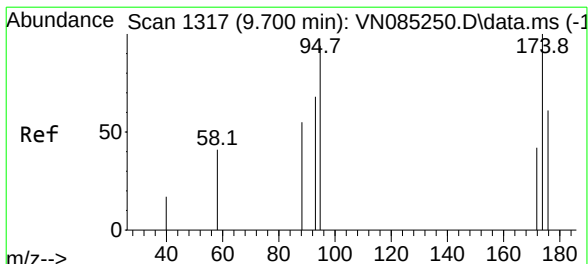
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#48
 Methyl methacrylate
 Concen: 54.371 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN085246.D
 Acq: 18 Dec 2024 12:20

Tgt Ion:	41	Resp:	104091
Ion	Ratio	Lower	Upper
41	100		
69	76.2	61.0	91.4
39	62.3	49.8	74.8





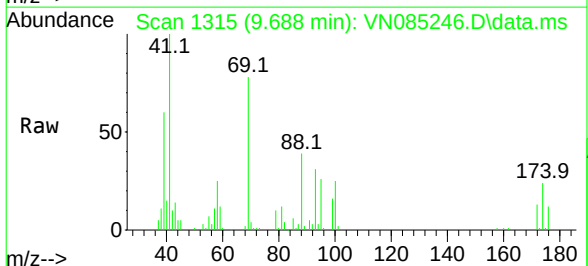
#49
1,4-Dioxane
Concen: 1072.564 ug/l
RT: 9.688 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

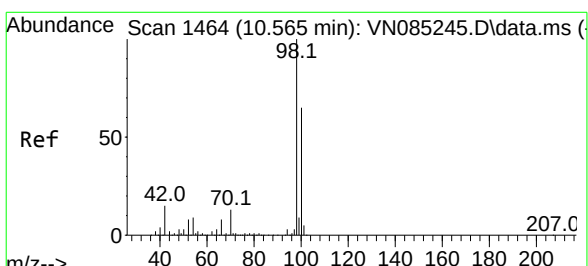
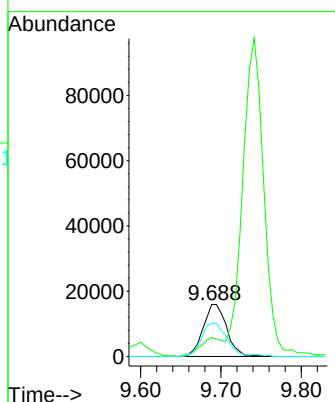
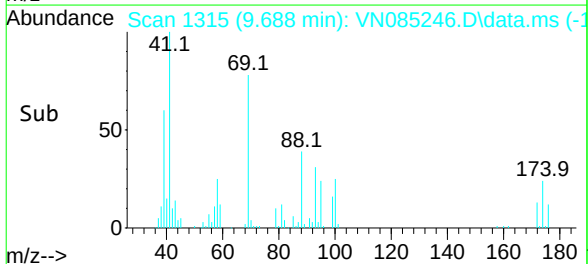


Tgt Ion: 88 Resp: 32375

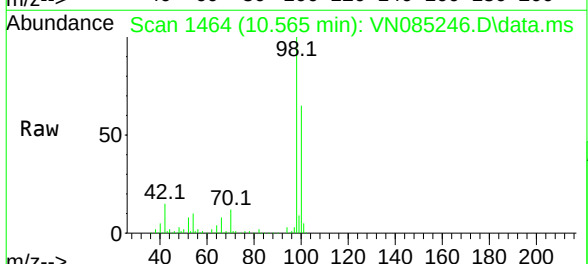
Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.6	38.4
58	70.6	56.5	84.7

Manual Integrations
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Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

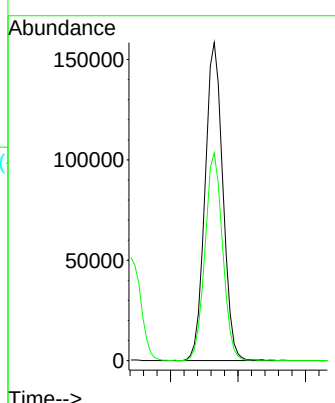
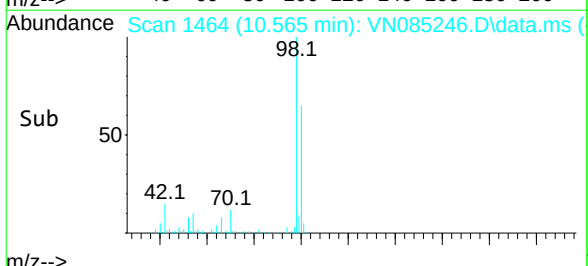


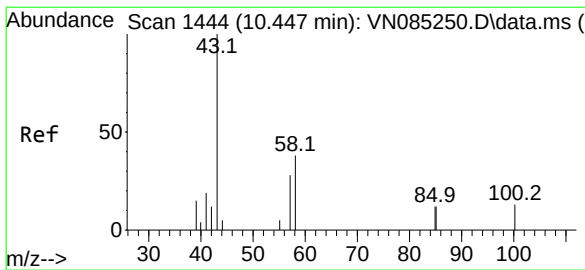
#50
Toluene-d8
Concen: 49.981 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20



Tgt Ion: 98 Resp: 290413

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





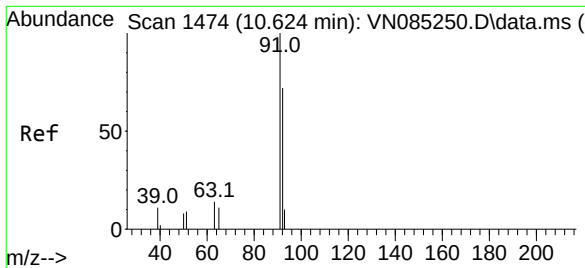
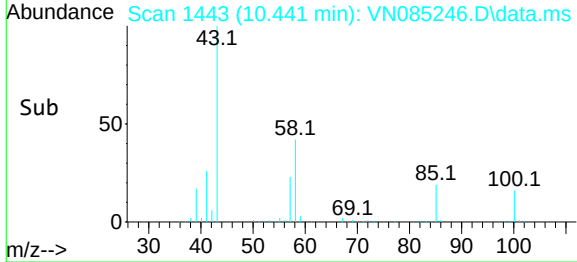
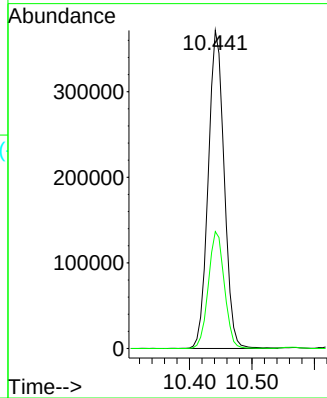
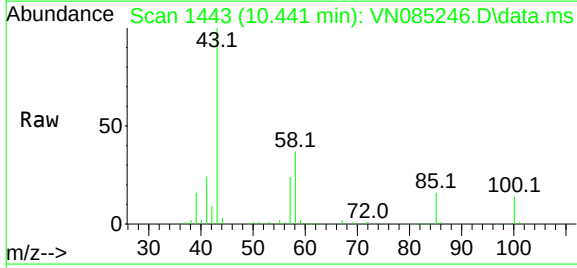
#51
4-Methyl-2-Pentanone
Concen: 268.625 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 659177
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.2

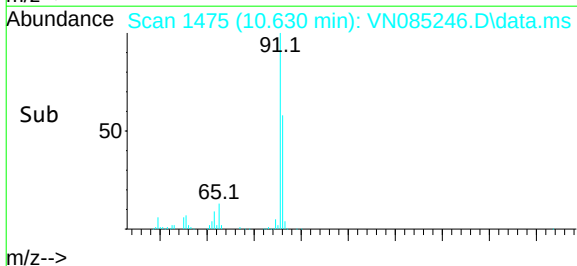
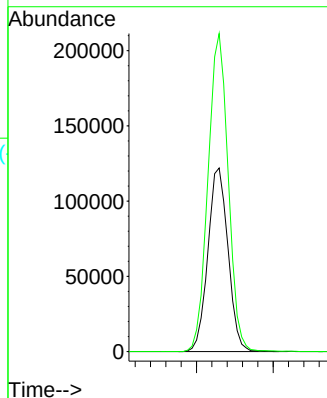
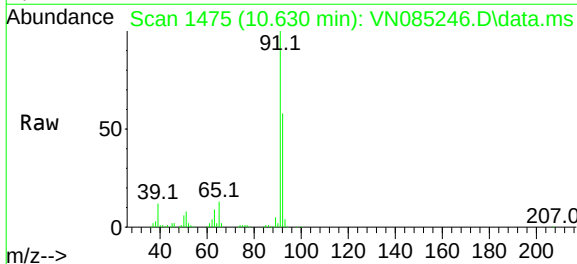
Manual Integrations
APPROVED

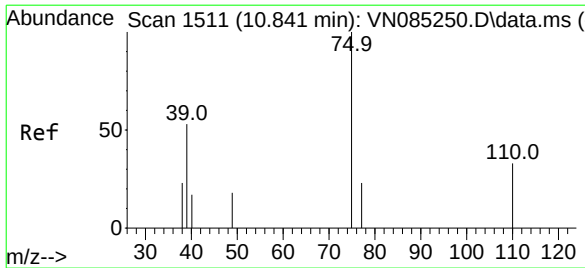
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Toluene
Concen: 53.767 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

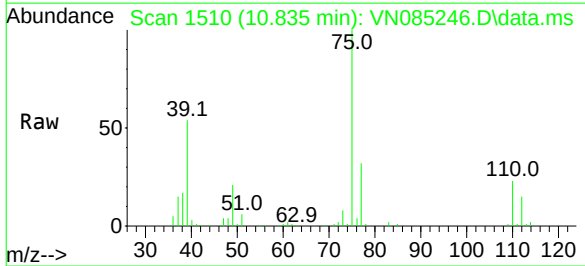
Tgt Ion: 92 Resp: 222639
Ion Ratio Lower Upper
92 100
91 173.6 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 54.953 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

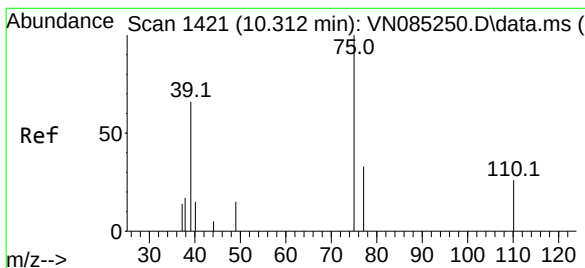
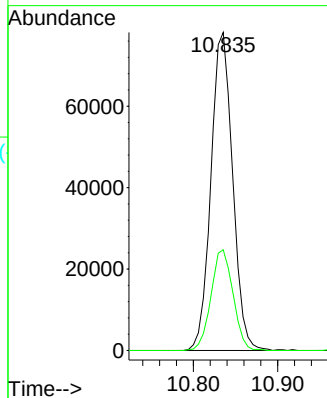
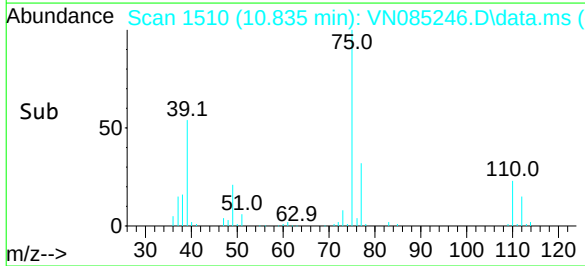
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 139692
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

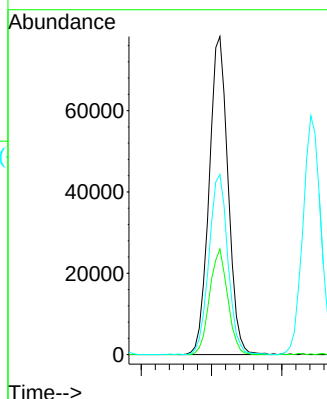
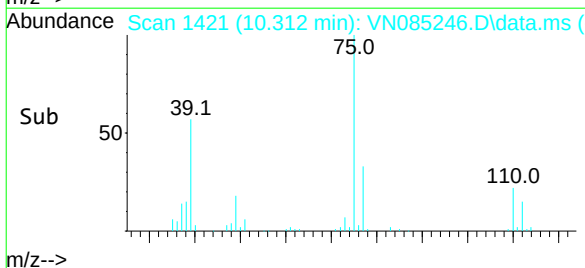
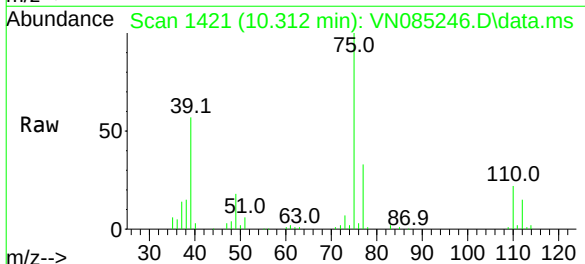
Manual Integrations
APPROVED

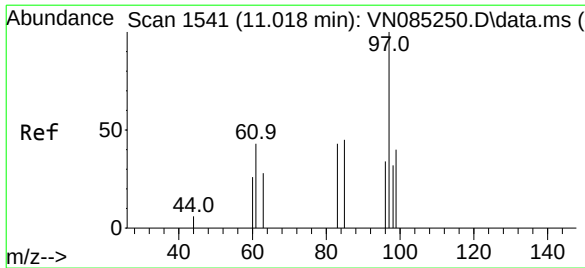
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#54
cis-1,3-Dichloropropene
Concen: 54.146 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

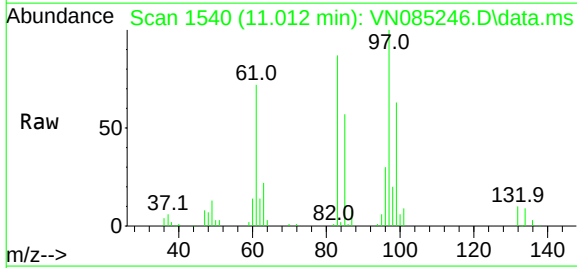
Tgt Ion: 75 Resp: 146338
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
39 56.6 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 51.334 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

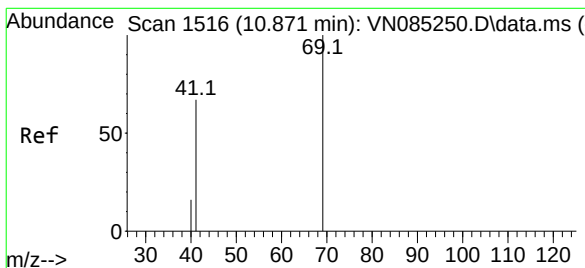
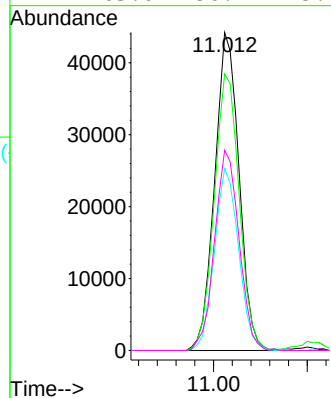
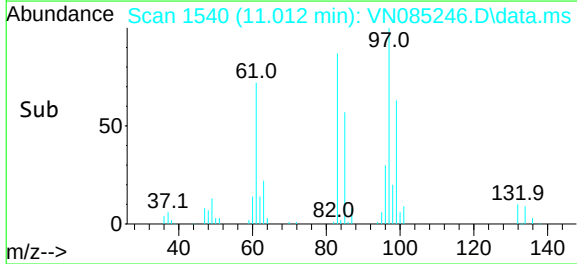
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:	97	Resp:	79593
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.6	104.4
85	57.1	45.7	68.5
99	63.0	50.4	75.6

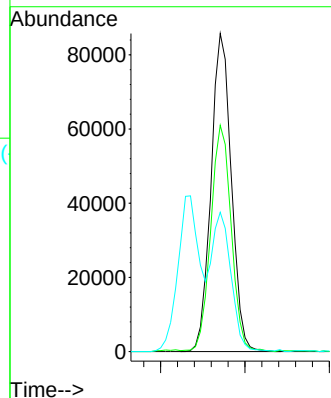
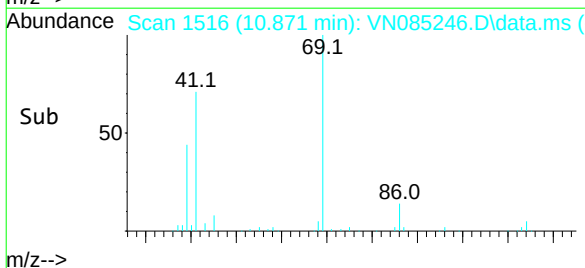
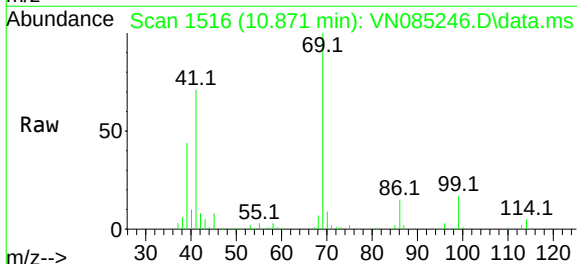
Manual Integrations
APPROVED

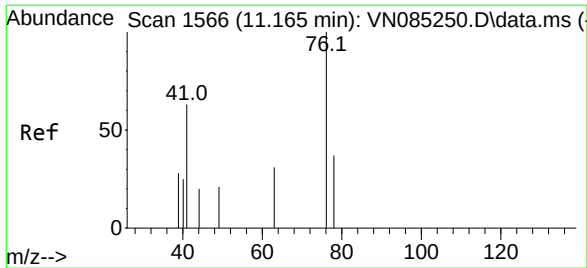
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
Ethyl methacrylate
Concen: 48.679 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

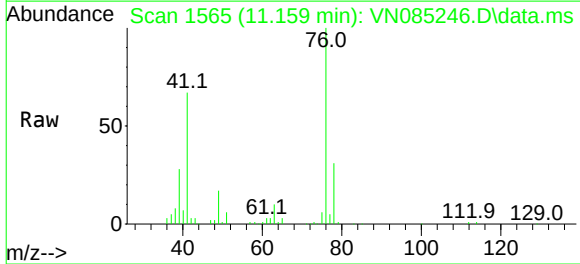
Tgt Ion:	69	Resp:	143324
Ion	Ratio	Lower	Upper
69	100		
41	71.9	57.5	86.3
39	41.8	33.4	50.2





#57
1,3-Dichloropropane
Concen: 52.685 ug/l
RT: 11.159 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

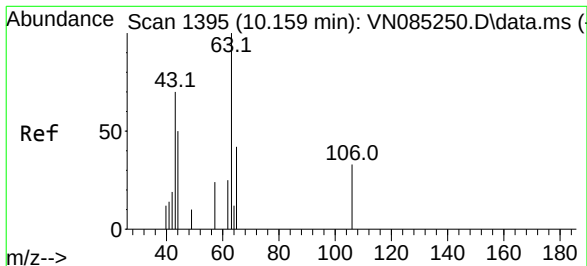
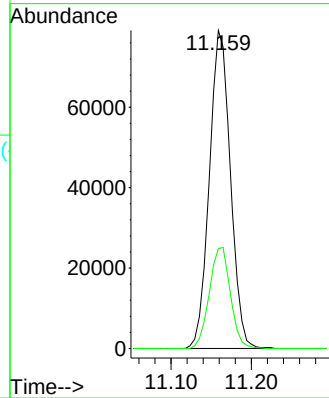
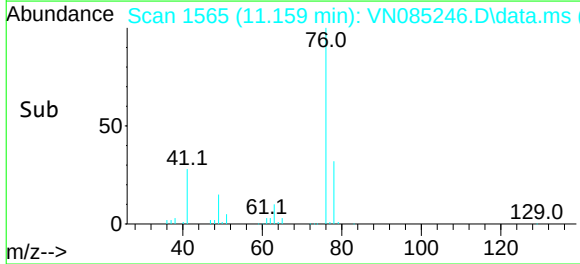
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 143772
Ion Ratio Lower Upper
76 100
78 31.8 25.4 38.2

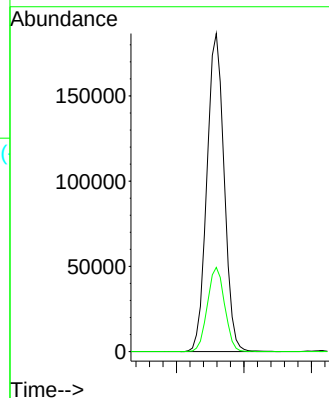
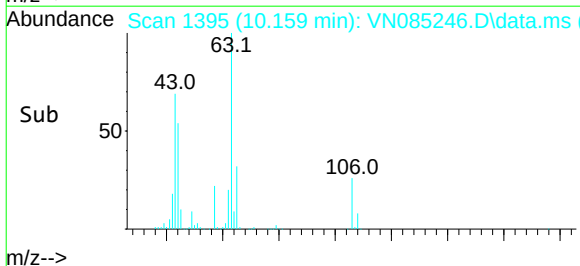
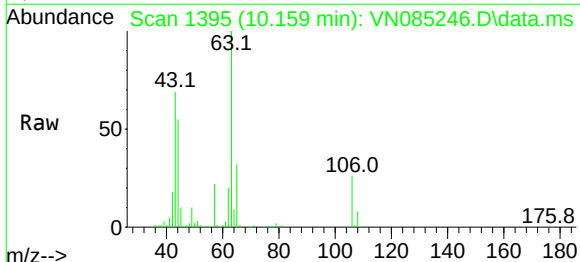
Manual Integrations
APPROVED

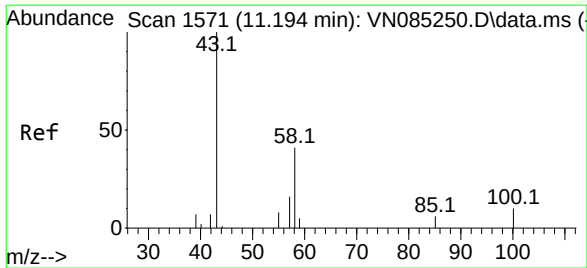
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 237.370 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion: 63 Resp: 330686
Ion Ratio Lower Upper
63 100
106 26.5 21.2 31.8





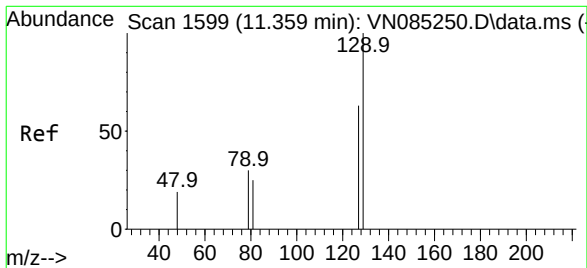
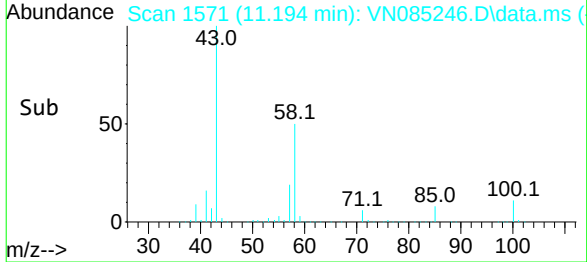
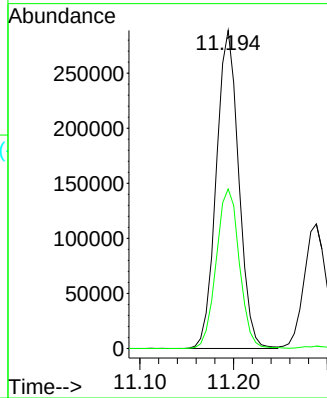
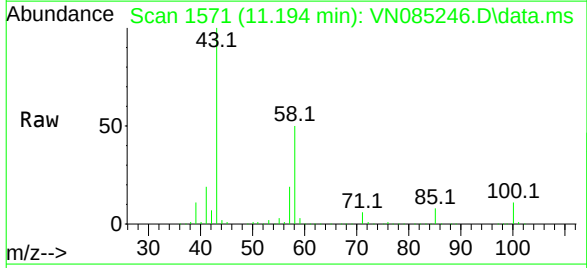
#59
2-Hexanone
Concen: 275.229 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 481438
Ion Ratio Lower Upper
43 100
58 51.6 25.8 77.4

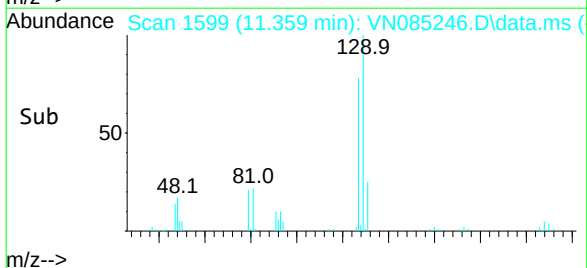
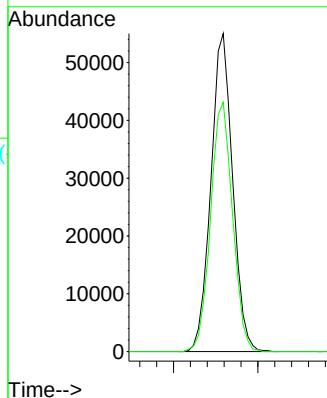
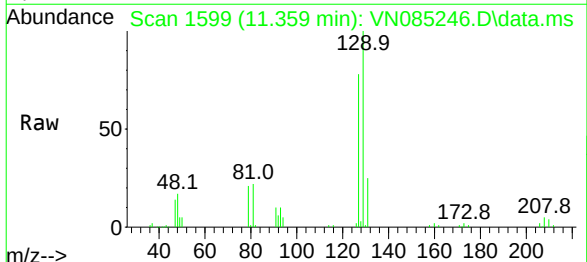
Manual Integrations
APPROVED

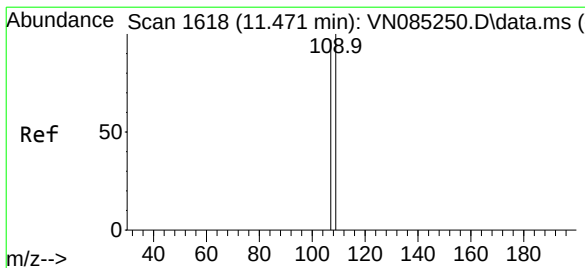
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 53.579 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

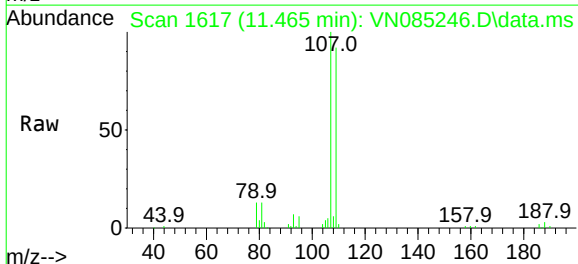
Tgt Ion:129 Resp: 98456
Ion Ratio Lower Upper
129 100
127 79.2 39.6 118.8





#61
1,2-Dibromoethane
Concen: 52.243 ug/l
RT: 11.465 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

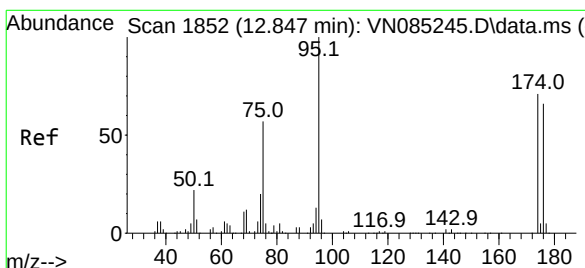
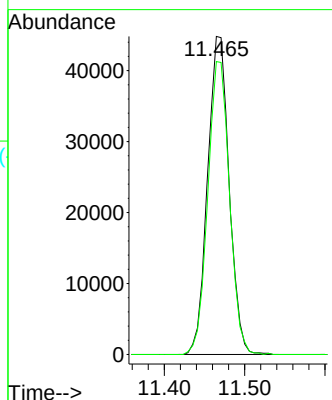
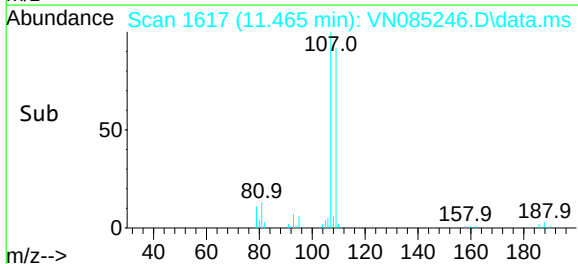
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 107 Resp: 83433
Ion Ratio Lower Upper
107 100
109 92.8 74.2 111.4

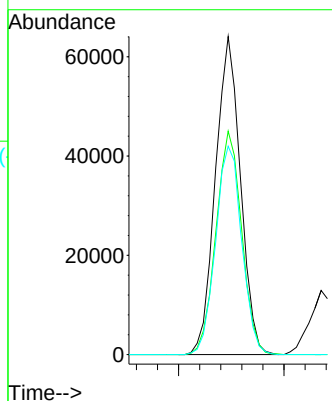
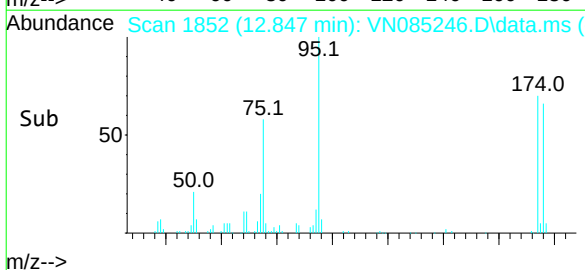
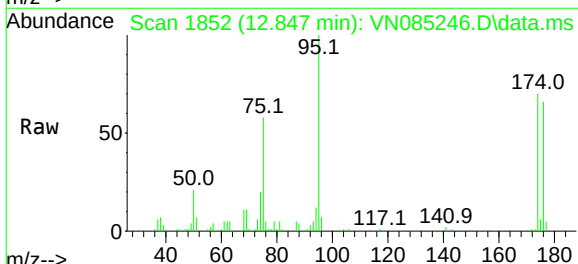
Manual Integrations
APPROVED

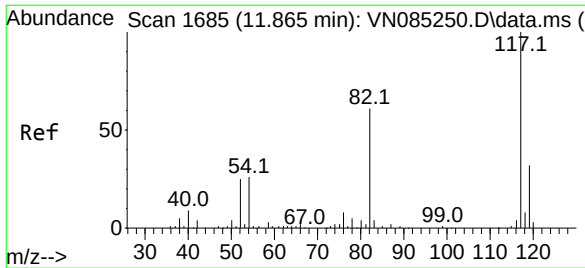
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#62
4-Bromofluorobenzene
Concen: 50.983 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion: 95 Resp: 105807
Ion Ratio Lower Upper
95 100
174 72.2 0.0 144.4
176 68.3 0.0 136.6





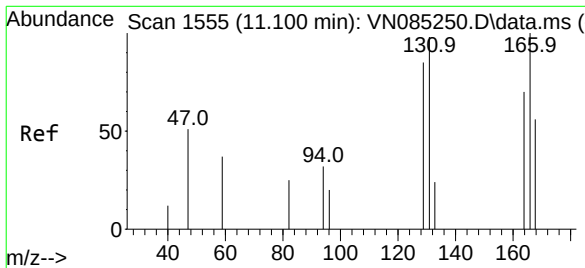
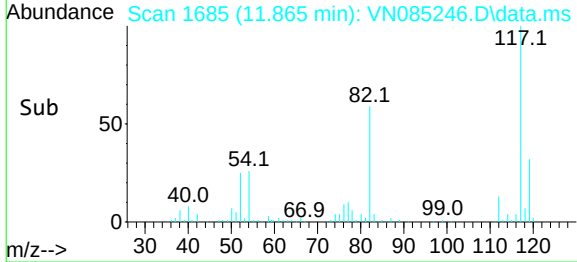
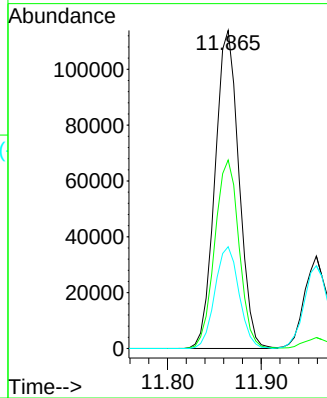
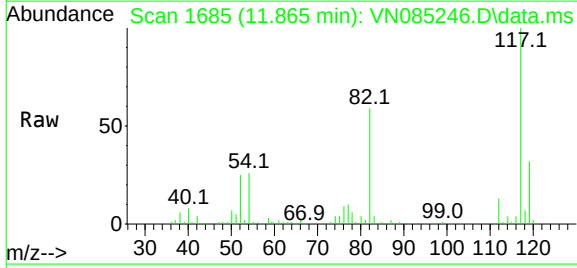
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 202175
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 32.0 25.6 38.4

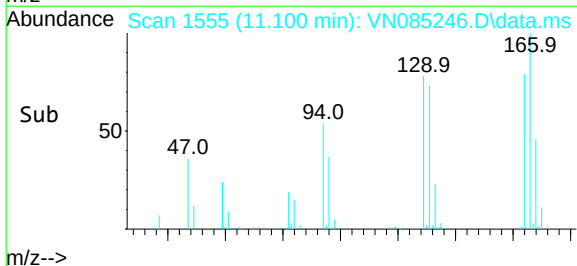
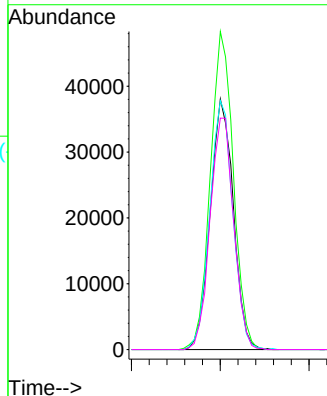
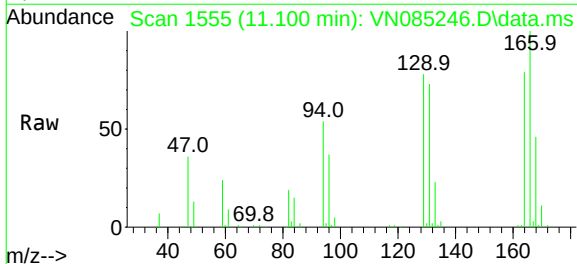
Manual Integrations
APPROVED

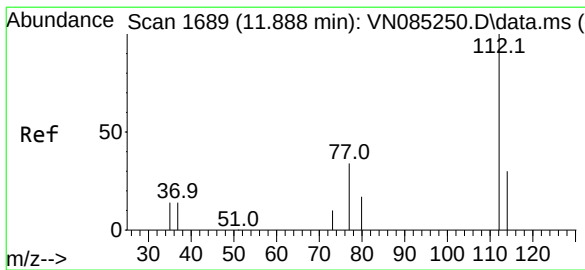
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#64
Tetrachloroethene
Concen: 50.633 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion:164 Resp: 68884
Ion Ratio Lower Upper
164 100
166 126.9 101.5 152.3
129 99.3 79.4 119.2
131 92.4 73.9 110.9





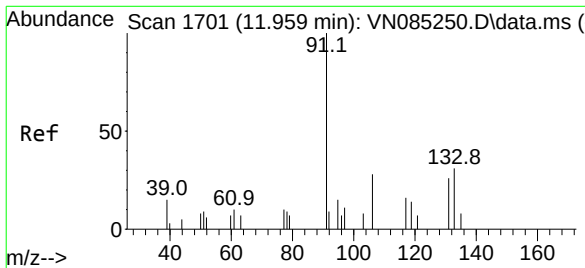
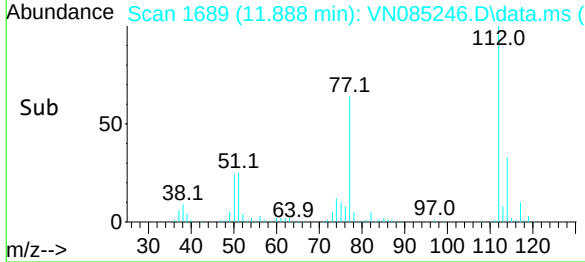
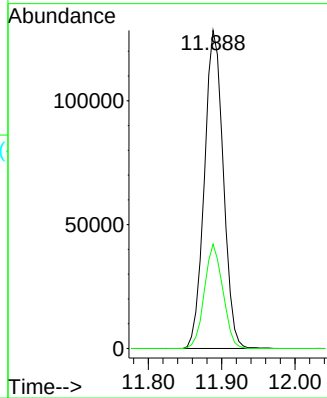
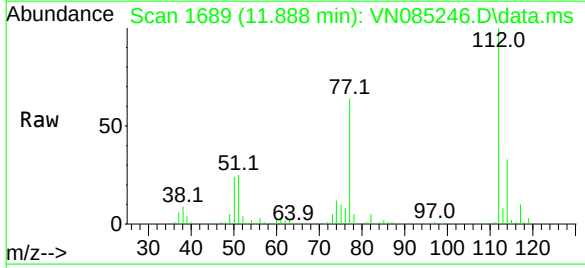
#65
Chlorobenzene
Concen: 50.650 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 230185
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4

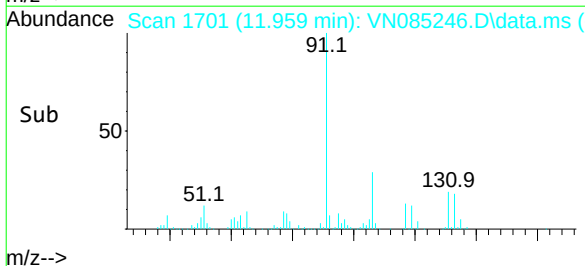
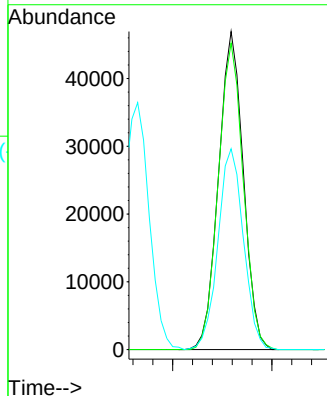
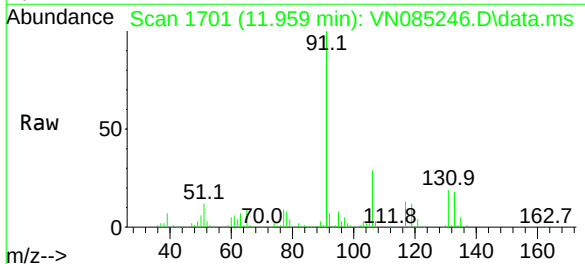
Manual Integrations
APPROVED

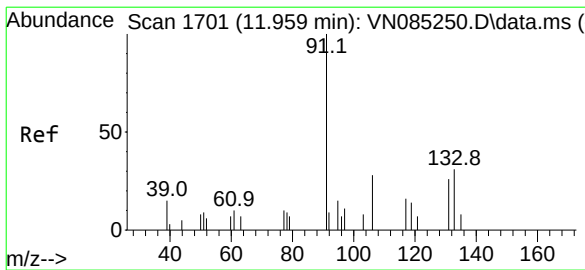
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.346 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

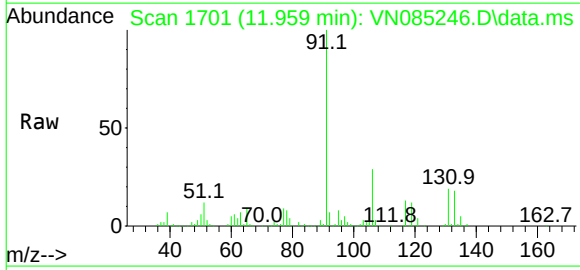
Tgt Ion:131 Resp: 81411
Ion Ratio Lower Upper
131 100
133 97.2 48.6 145.8
119 65.0 32.5 97.5





#67
Ethyl Benzene
Concen: 55.475 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

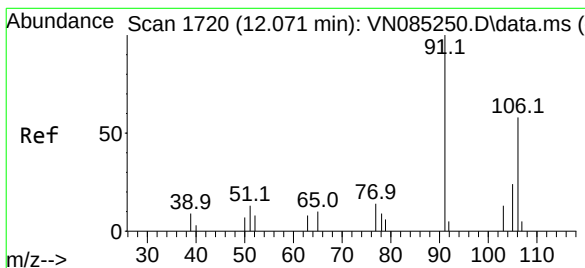
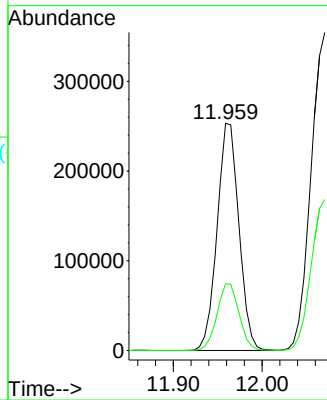
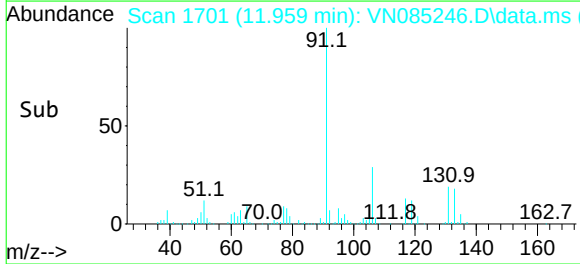
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 432126
Ion Ratio Lower Upper
91 100
106 29.4 23.5 35.3

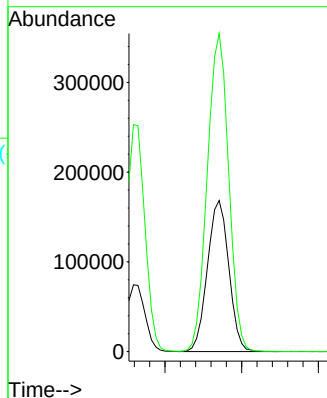
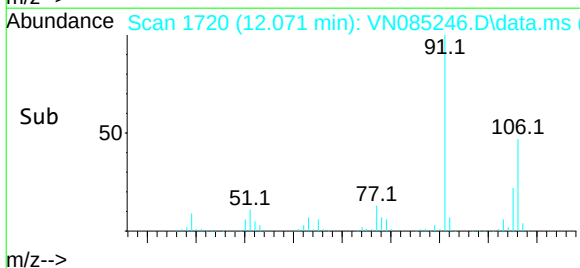
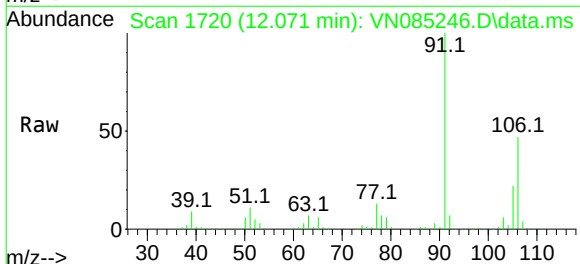
Manual Integrations
APPROVED

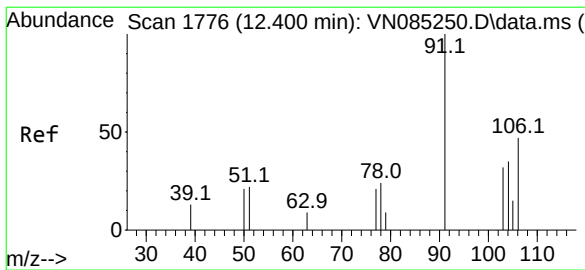
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#68
m/p-Xylenes
Concen: 112.019 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion:106 Resp: 326353
Ion Ratio Lower Upper
106 100
91 210.4 168.3 252.5





#69

o-Xylene

Concen: 56.212 ug/l

RT: 12.394 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:106 Resp: 153932

Ion Ratio Lower Upper

106 100

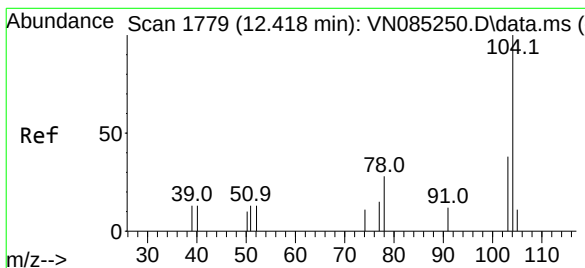
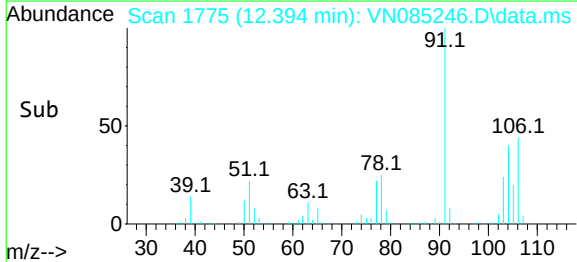
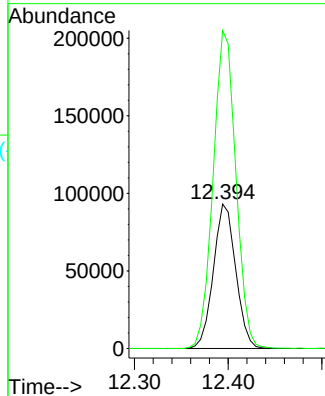
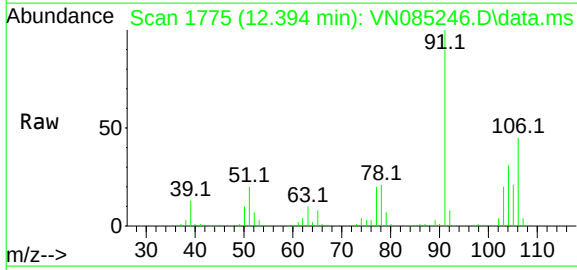
91 224.1 112.1 336.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#70

Styrene

Concen: 57.757 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

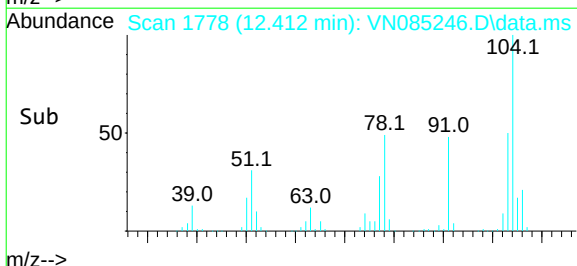
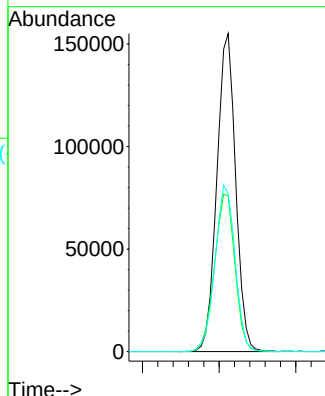
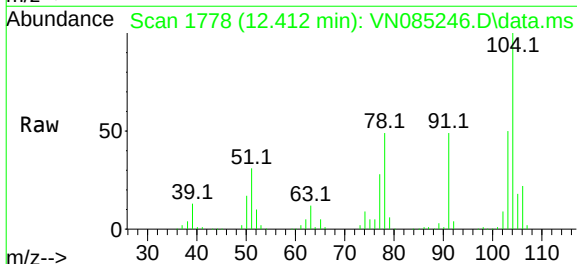
Tgt Ion:104 Resp: 264043

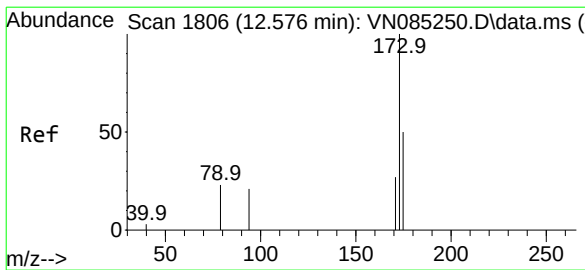
Ion Ratio Lower Upper

104 100

78 54.0 43.2 64.8

103 55.7 44.6 66.8





#71

Bromoform

Concen: 52.440 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

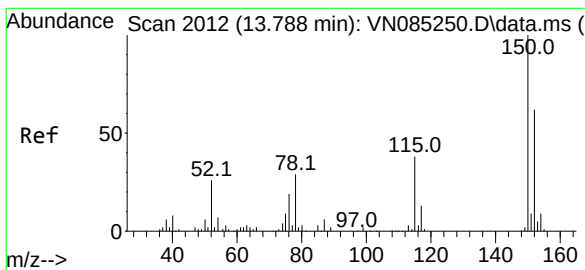
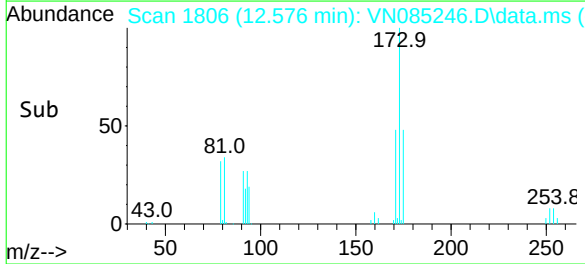
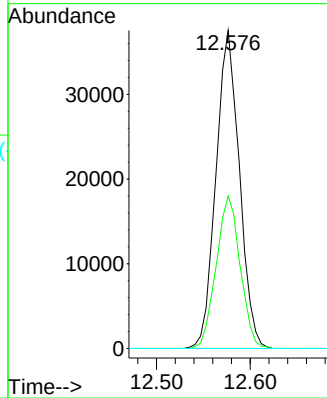
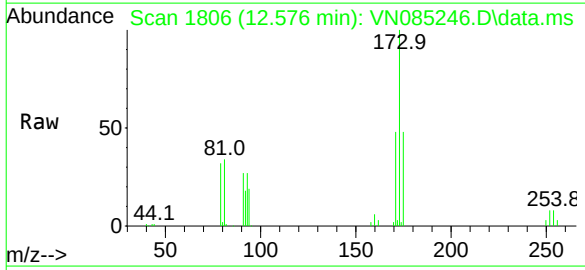
Tgt Ion:	173	Resp:	65175
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

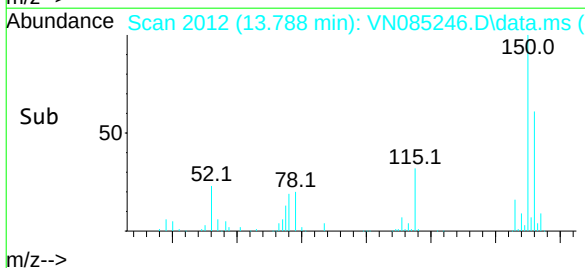
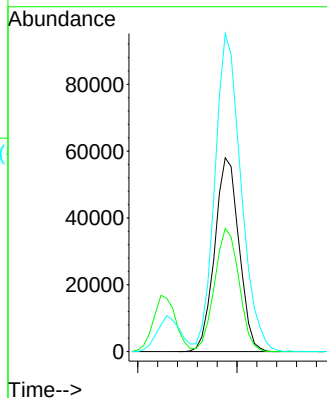
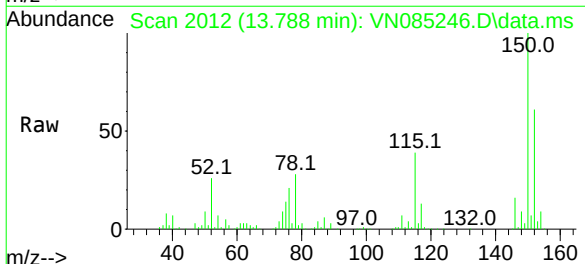
RT: 13.788 min Scan# 2012

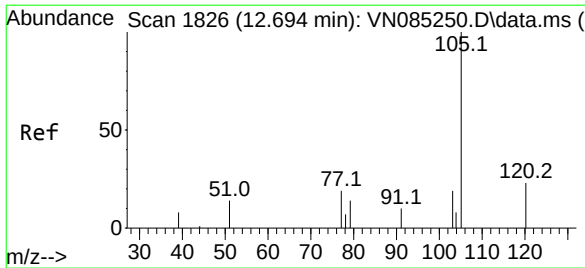
Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Tgt Ion:	152	Resp:	98582
Ion Ratio	Lower	Upper	
152	100		
115	64.2	32.1	96.3
150	177.3	0.0	354.6





#73

Isopropylbenzene

Concen: 55.168 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 392326

Ion Ratio Lower Upper

105 100

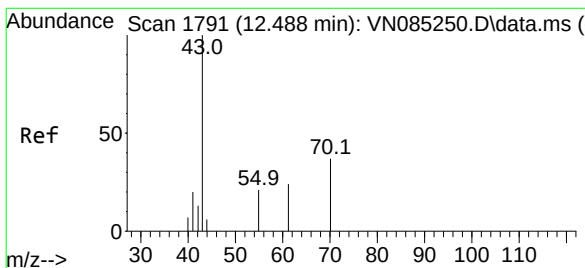
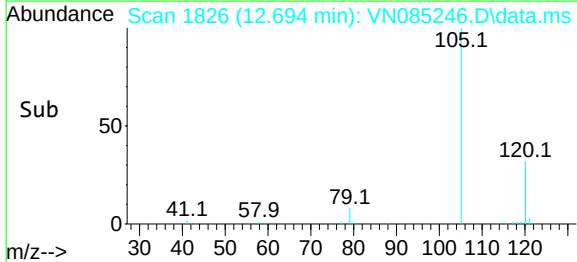
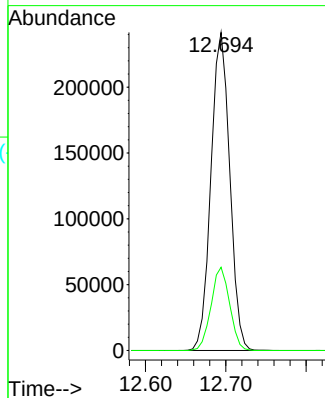
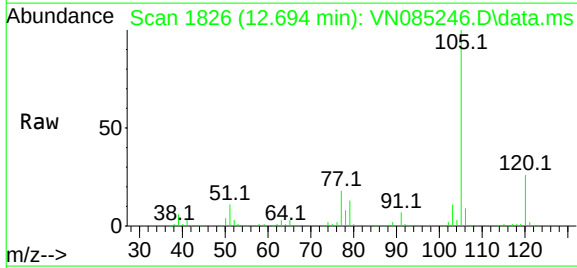
120 25.9 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

N-ethyl acetate

Concen: 56.710 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Tgt Ion: 43 Resp: 201427

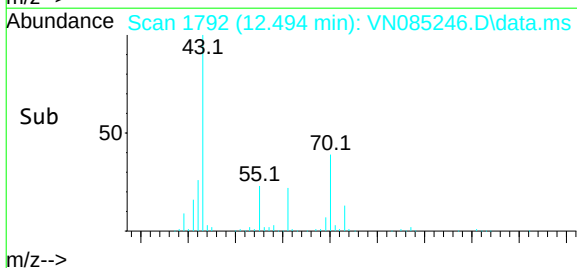
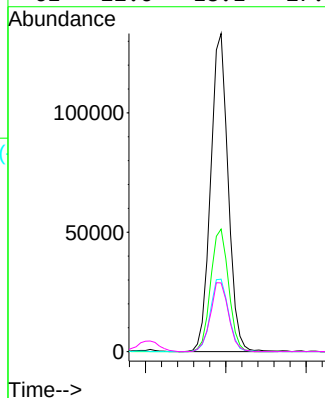
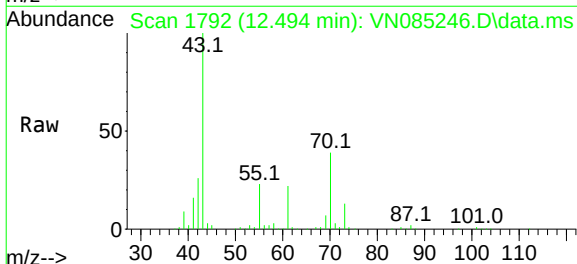
Ion Ratio Lower Upper

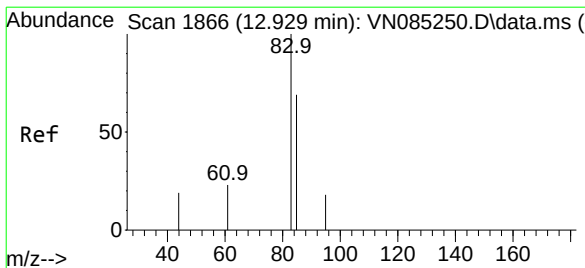
43 100

70 39.4 31.5 47.3

55 23.7 19.0 28.4

61 22.6 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.940 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

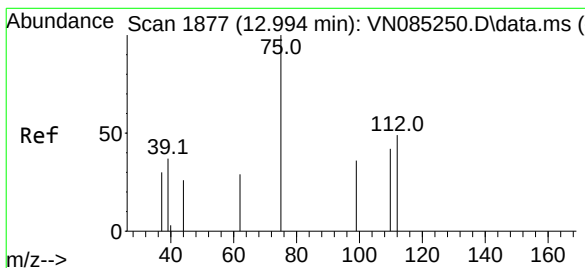
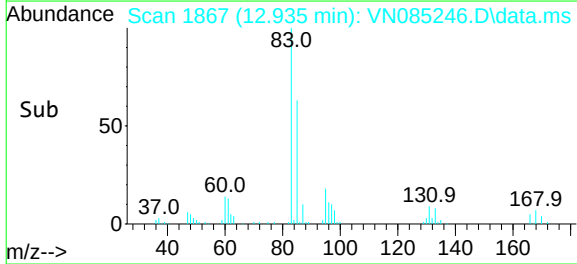
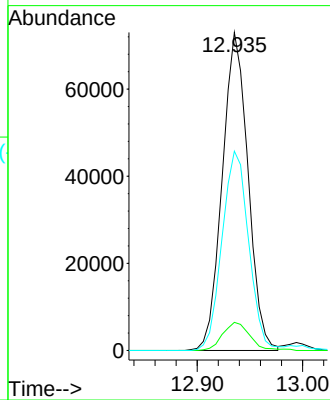
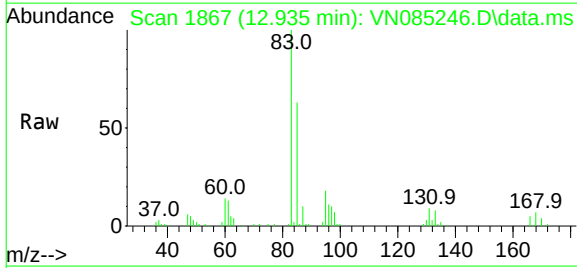
Tgt Ion:	83	Resp:	124004
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.1
85	64.9	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#76

1,2,3-Trichloropropane

Concen: 48.643 ug/l m

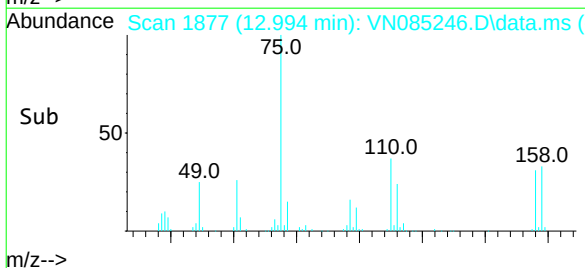
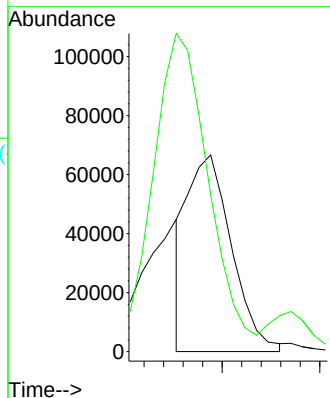
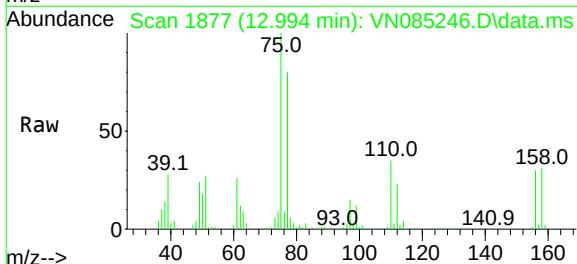
RT: 12.994 min Scan# 1877

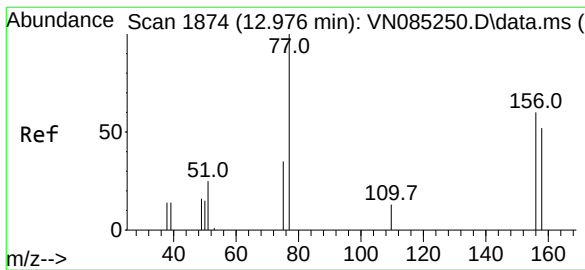
Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

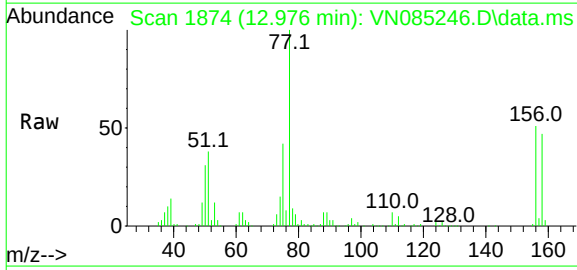
Tgt Ion:	75	Resp:	104619
Ion	Ratio	Lower	Upper
75	100		
77	205.1	102.6	307.7





#77
Bromobenzene
Concen: 49.649 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

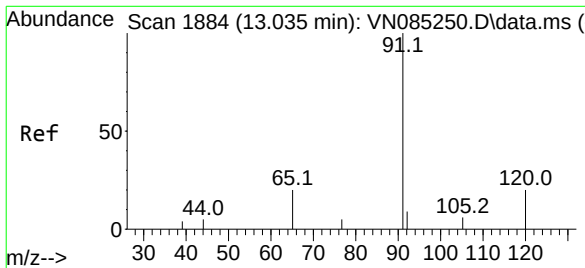
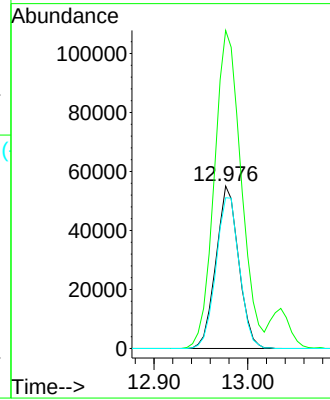
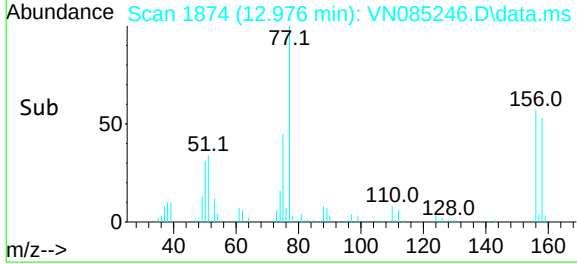
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 156 Resp: 92703
Ion Ratio Lower Upper
156 100
77 231.5 115.8 347.3
158 95.8 47.9 143.7

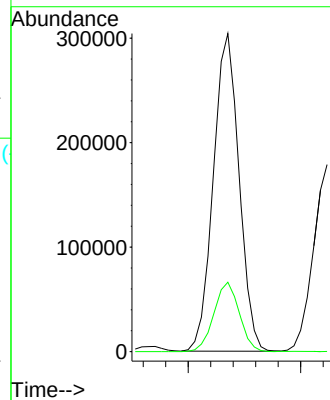
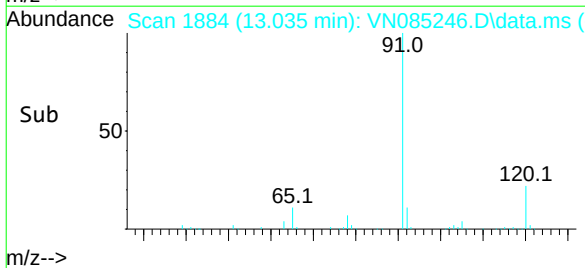
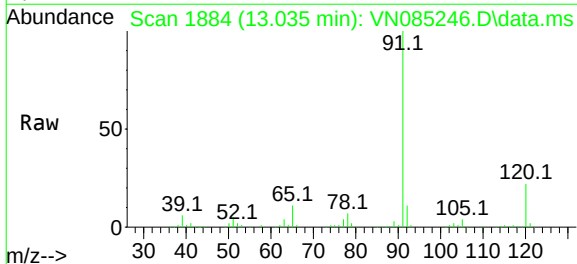
Manual Integrations
APPROVED

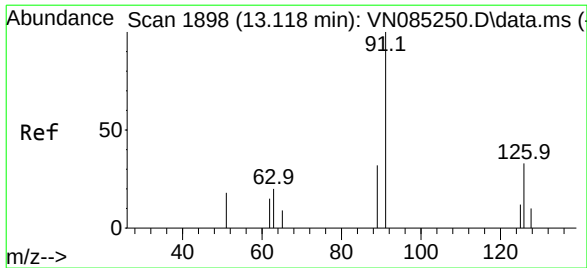
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
n-propylbenzene
Concen: 55.295 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion: 91 Resp: 482260
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





#79

2-Chlorotoluene

Concen: 53.539 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 296469

Ion Ratio Lower Upper

91 100

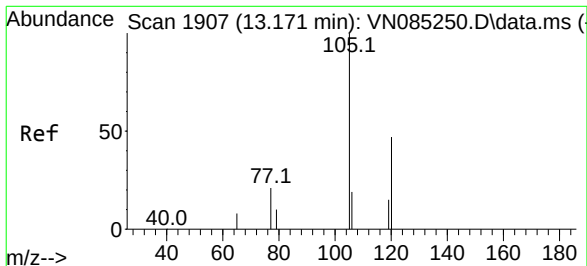
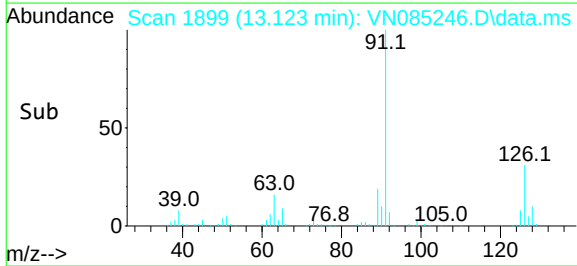
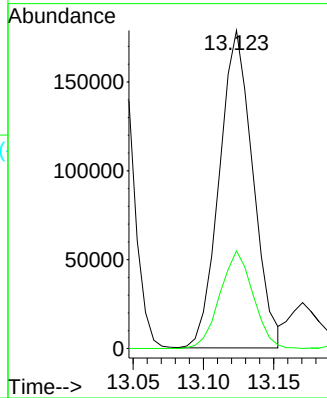
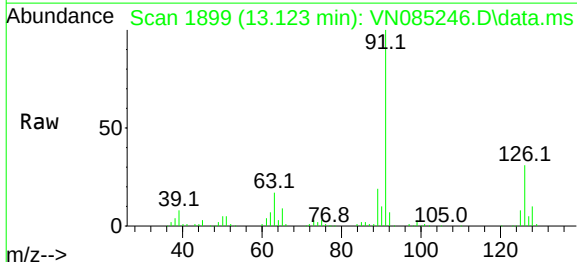
126 30.3 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 57.311 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085246.D

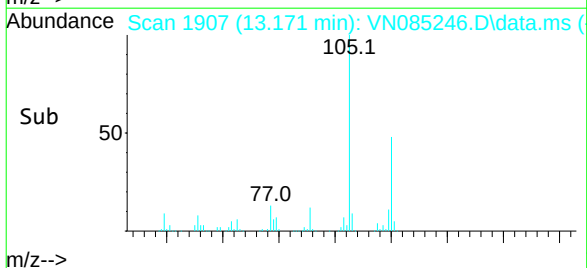
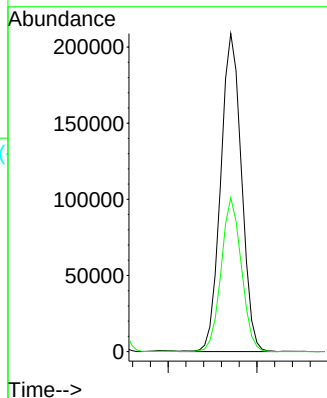
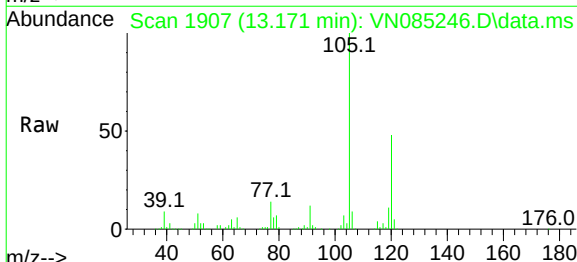
Acq: 18 Dec 2024 12:20

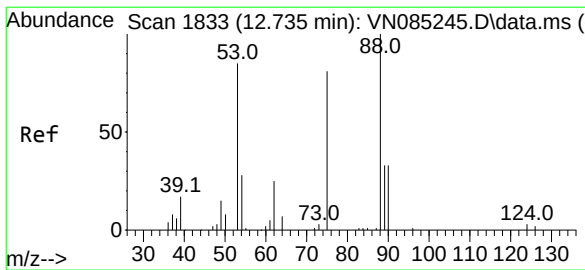
Tgt Ion:105 Resp: 339950

Ion Ratio Lower Upper

105 100

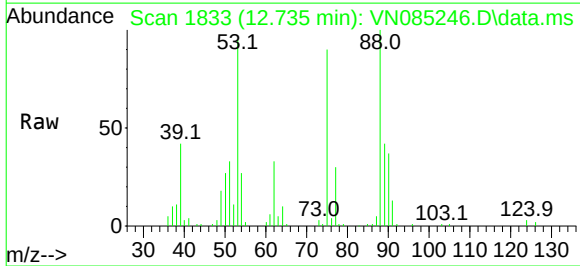
120 46.8 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 51.534 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

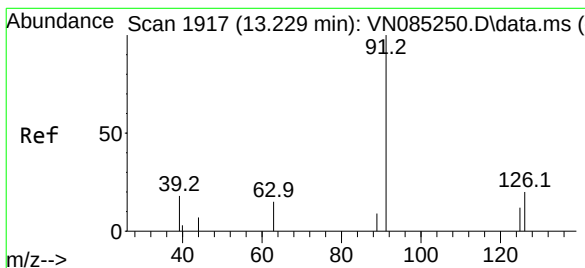
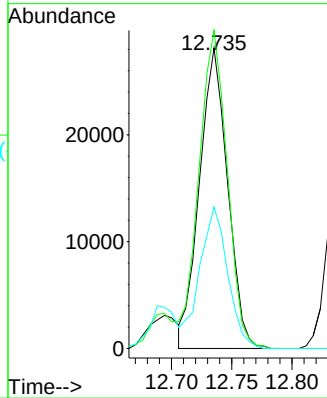
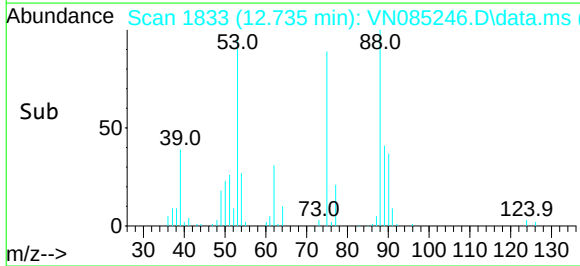
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 45606
Ion Ratio Lower Upper
75 100
53 106.1 84.9 127.3
89 47.4 37.9 56.9

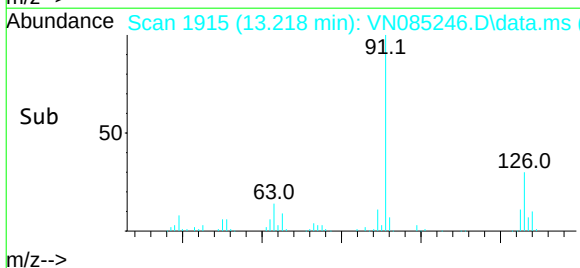
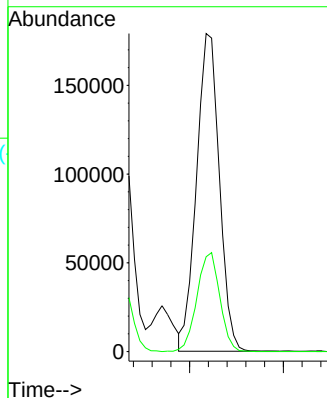
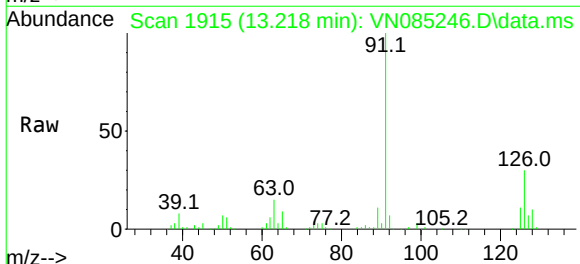
Manual Integrations
APPROVED

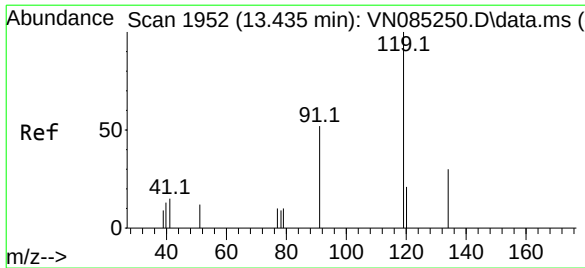
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 54.029 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion: 91 Resp: 302755
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8





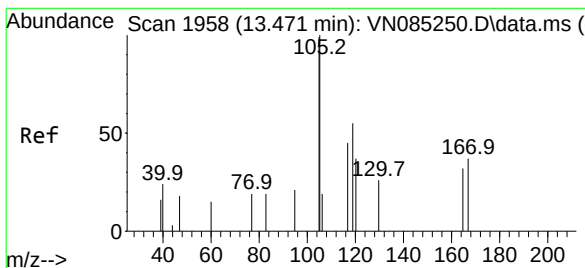
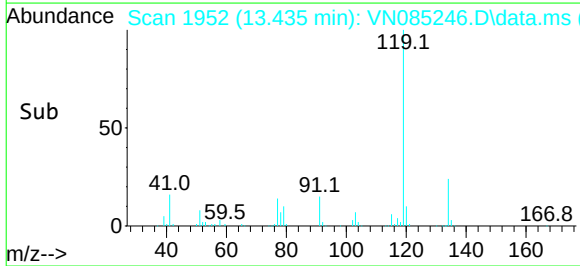
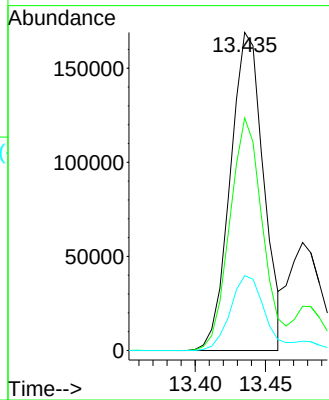
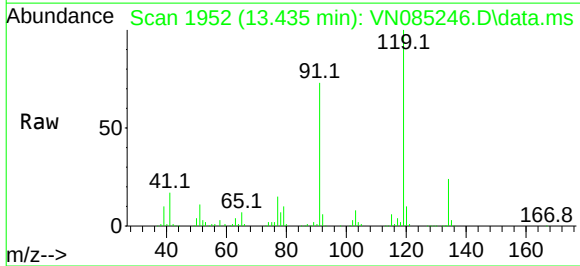
#83
tert-Butylbenzene
Concen: 55.284 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 278102
Ion Ratio Lower Upper
119 100
91 72.5 36.3 108.7
134 24.4 12.2 36.6

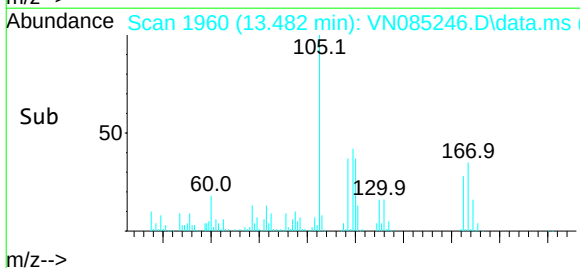
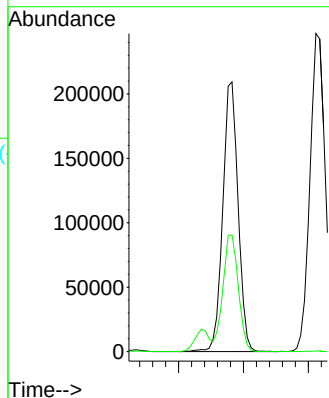
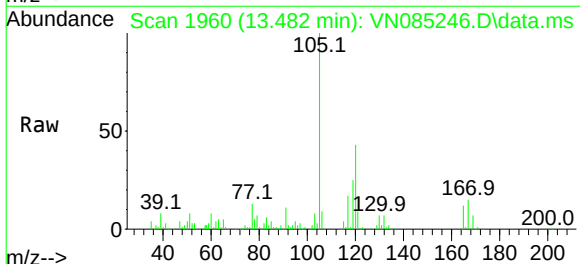
Manual Integrations
APPROVED

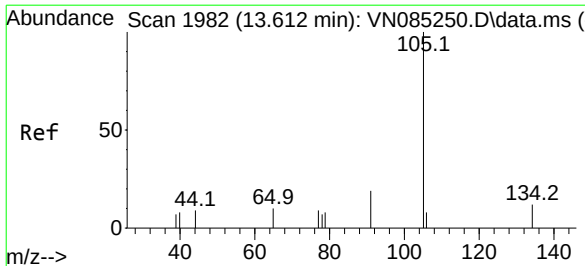
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 56.562 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion:105 Resp: 342945
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.3





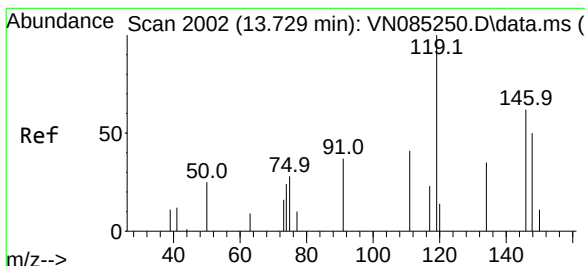
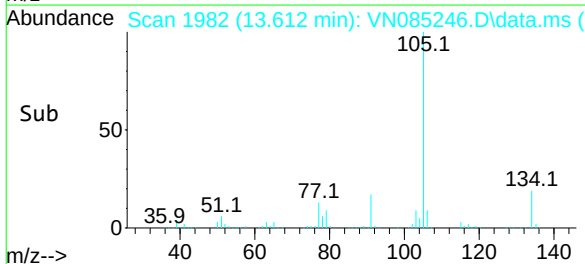
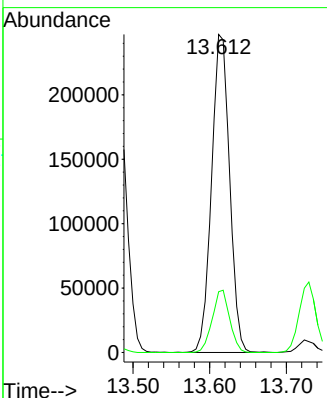
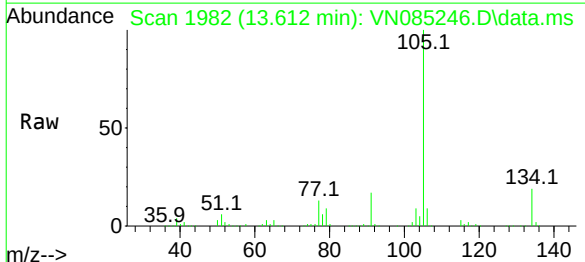
#85
sec-Butylbenzene
Concen: 57.544 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 403570
Ion Ratio Lower Upper
105 100
134 18.9 9.4 28.3

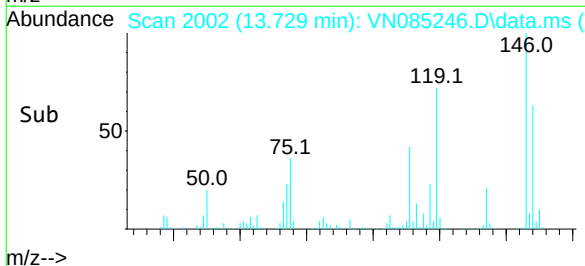
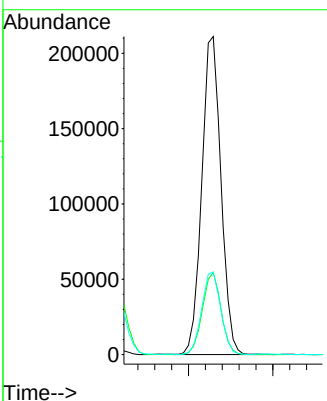
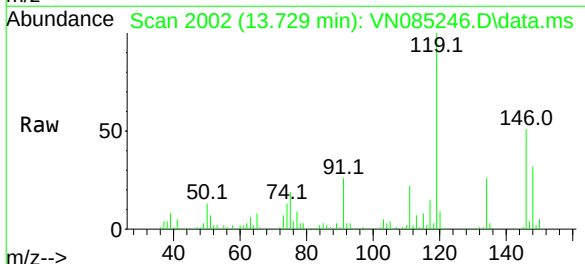
Manual Integrations
APPROVED

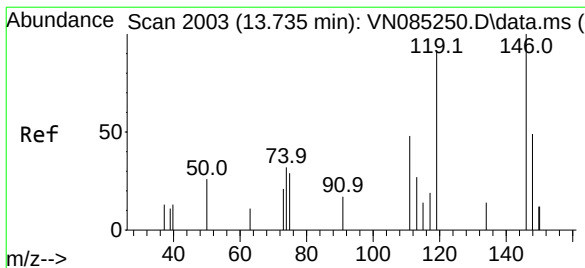
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#86
p-Isopropyltoluene
Concen: 49.170 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

Tgt Ion:119 Resp: 333452
Ion Ratio Lower Upper
119 100
134 25.0 12.5 37.5
91 25.9 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 50.687 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

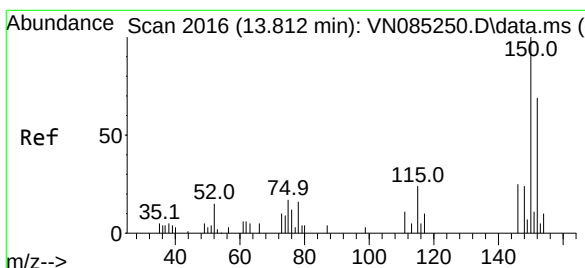
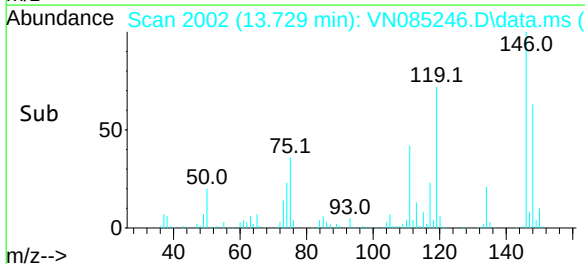
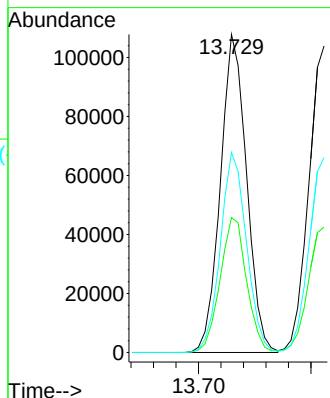
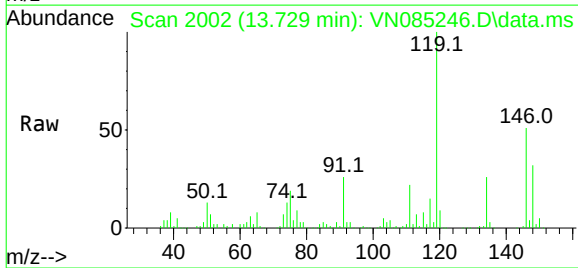
Tgt Ion:	146	Resp:	174288
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	62.7	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#88

1,4-Dichlorobenzene

Concen: 48.893 ug/l

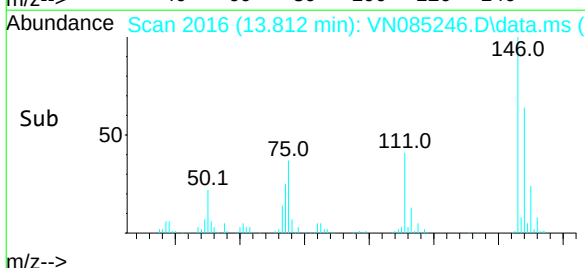
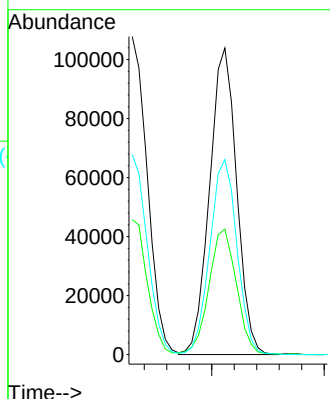
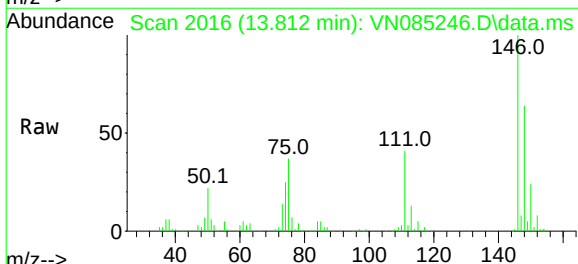
RT: 13.812 min Scan# 2016

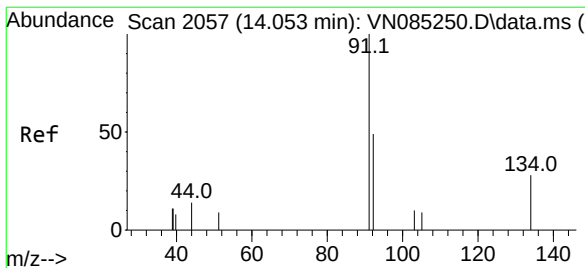
Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

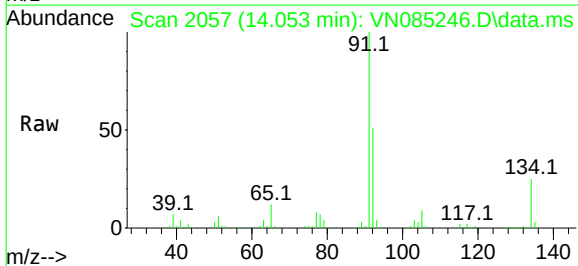
Tgt Ion:	146	Resp:	173955
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	63.9	31.9	95.9





#89
n-Butylbenzene
Concen: 56.861 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

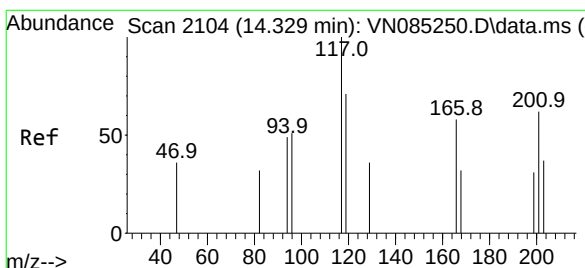
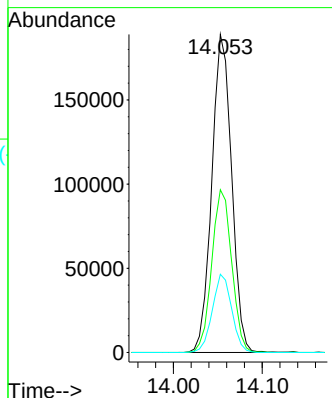
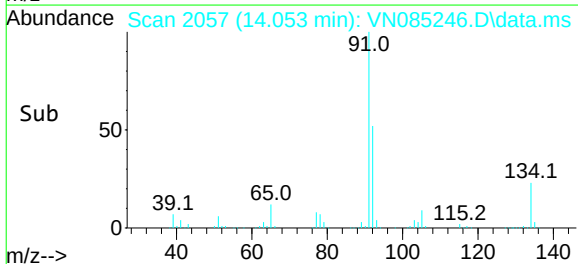
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 293263
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 24.0 12.0 36.0

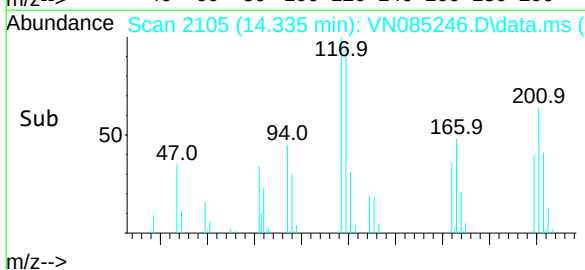
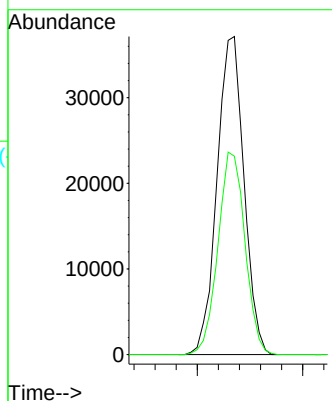
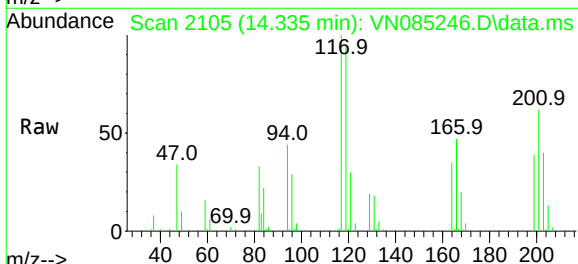
Manual Integrations
APPROVED

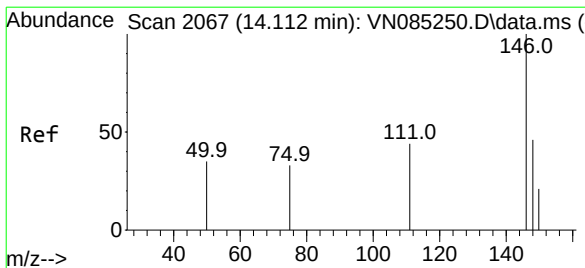
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#90
Hexachloroethane
Concen: 51.190 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

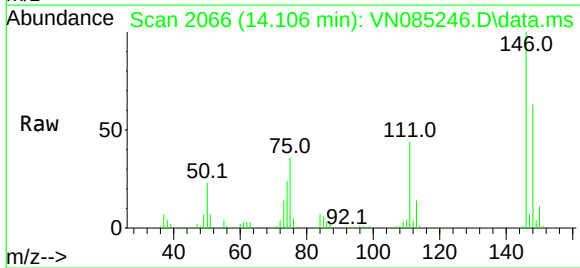
Tgt Ion:117 Resp: 65949
Ion Ratio Lower Upper
117 100
201 63.8 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 52.646 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

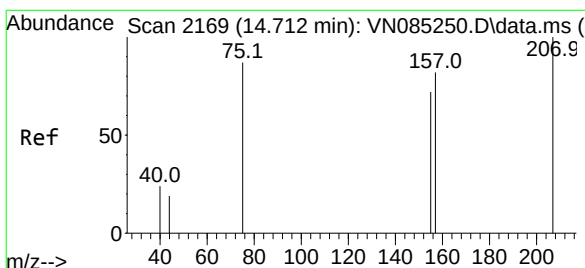
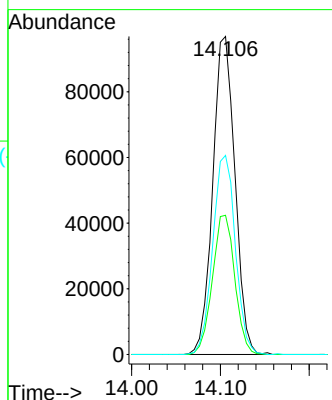
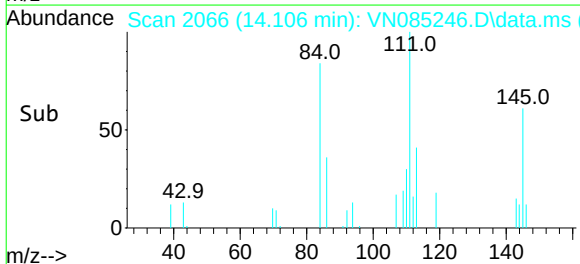
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



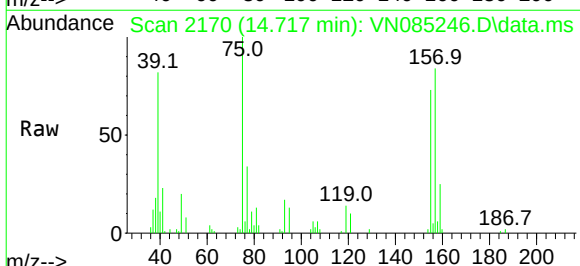
Tgt Ion: 146 Resp: 168371
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.1
148 63.9 31.9 95.9

Manual Integrations
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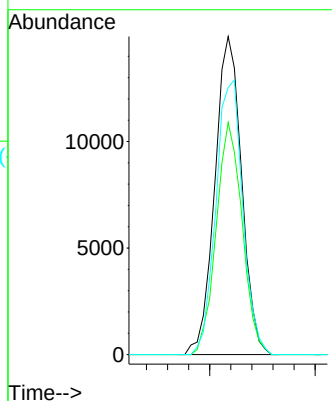
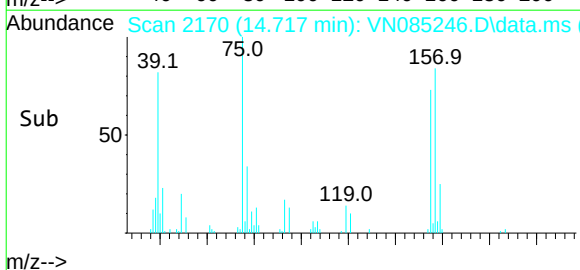
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024

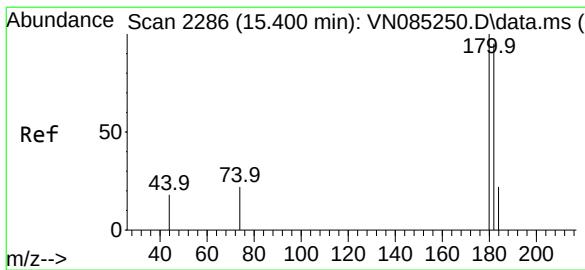


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.197 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20



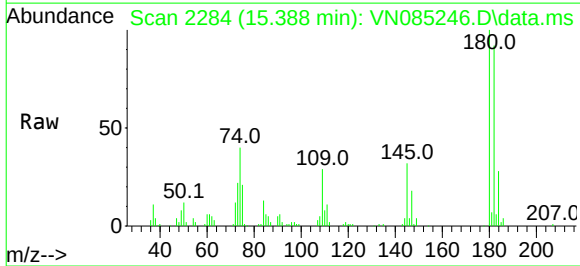
Tgt Ion: 75 Resp: 26335
Ion Ratio Lower Upper
75 100
155 70.8 35.4 106.2
157 86.6 43.3 129.9





#93
1,2,4-Trichlorobenzene
Concen: 51.814 ug/l
RT: 15.388 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20

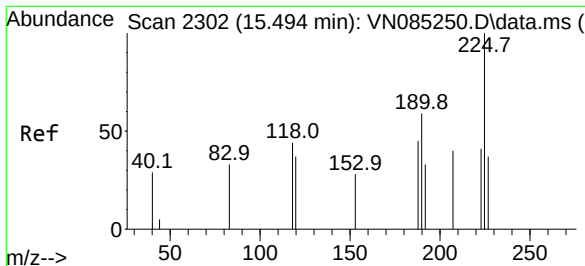
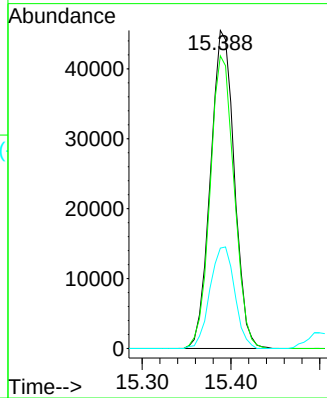
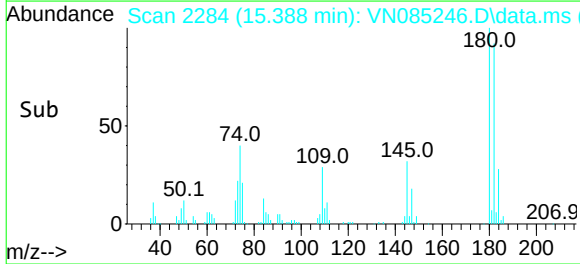
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



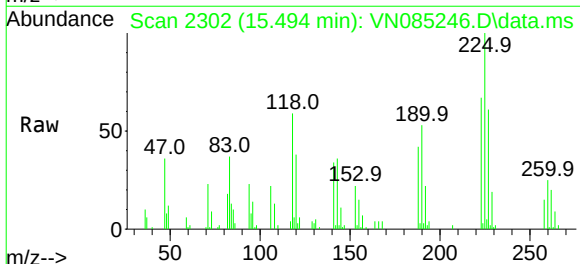
Tgt Ion:180 Resp: 84825
Ion Ratio Lower Upper
180 100
182 92.5 46.3 138.8
145 33.1 16.6 49.7

Manual Integrations
APPROVED

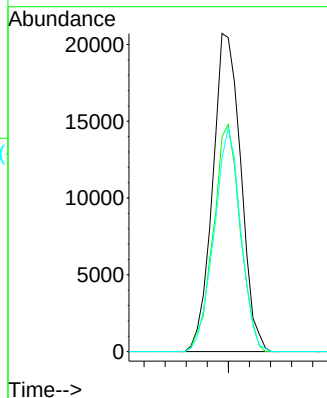
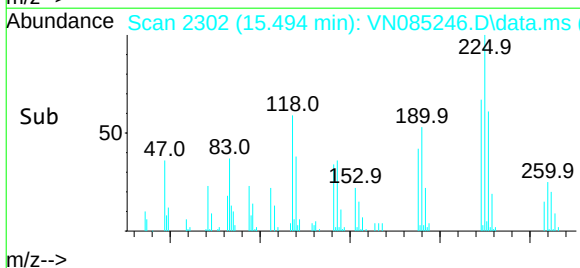
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

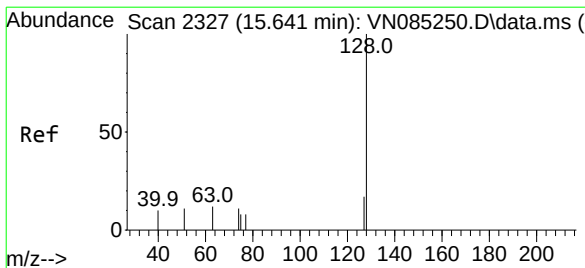


#94
Hexachlorobutadiene
Concen: 45.082 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN085246.D
Acq: 18 Dec 2024 12:20



Tgt Ion:225 Resp: 38359
Ion Ratio Lower Upper
225 100
223 68.1 34.1 102.2
227 66.4 33.2 99.6





#95

Naphthalene

Concen: 52.921 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Instrument :

MSVOA_N

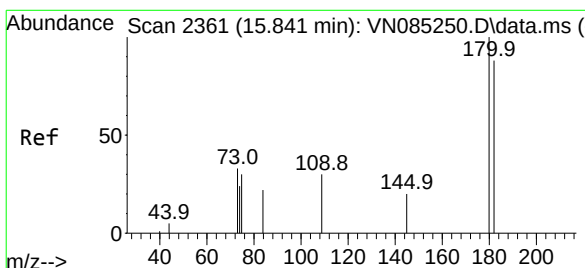
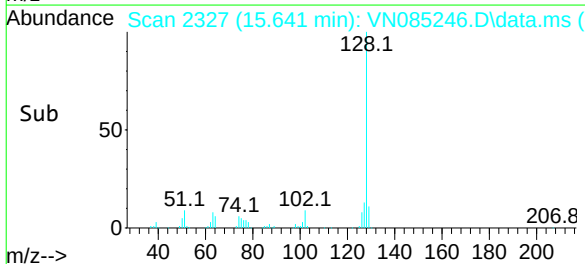
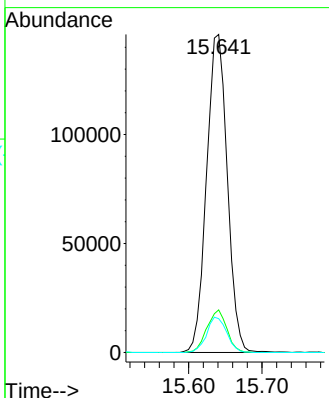
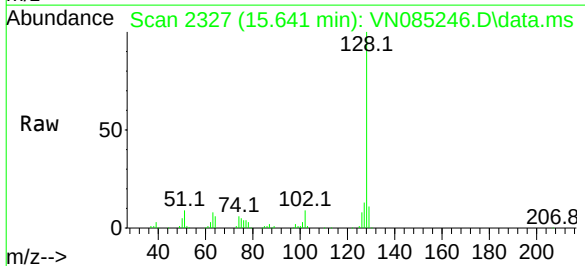
ClientSampleId :

VSTDICCC050

Tgt Ion:	128	Resp:	286912
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.616 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085246.D

Acq: 18 Dec 2024 12:20

Tgt Ion:	180	Resp:	82767
Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.6
145	35.2	17.6	52.8

