

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120324\
 Data File : VN085082.D
 Acq On : 03 Dec 2024 17:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:53:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	165115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112721	47.927	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.860%
35) Dibromofluoromethane	8.165	113	93165	51.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.640%
50) Toluene-d8	10.565	98	325082	50.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.847	95	131664	54.648	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	73664	39.455	ug/l	97
3) Chloromethane	2.359	50	87854	40.570	ug/l	96
4) Vinyl Chloride	2.512	62	86547	44.474	ug/l	97
5) Bromomethane	2.900	94	48794	44.735	ug/l	93
6) Chloroethane	3.077	64	56525	43.093	ug/l	98
7) Trichlorofluoromethane	3.477	101	154364	46.630	ug/l	96
8) Diethyl Ether	3.953	74	55544	49.297	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	90256	48.071	ug/l	98
10) Methyl Iodide	4.577	142	121244	48.785	ug/l	96
11) Tert butyl alcohol	5.536	59	74152	235.932	ug/l	96
12) 1,1-Dichloroethene	4.324	96	83323	47.544	ug/l	99
13) Acrolein	4.171	56	63990	305.123	ug/l	100
14) Allyl chloride	5.012	41	127810	43.261	ug/l	95
15) Acrylonitrile	5.712	53	209719	235.688	ug/l	99
16) Acetone	4.424	43	188097	274.603	ug/l	99
17) Carbon Disulfide	4.700	76	230721	44.603	ug/l	97
18) Methyl Acetate	5.012	43	103999	47.444	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	280936	49.063	ug/l	96
20) Methylene Chloride	5.265	84	95637	45.755	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	87032	47.191	ug/l	96
22) Diisopropyl ether	6.665	45	281333	47.313	ug/l	98
23) Vinyl Acetate	6.594	43	1047303	255.306	ug/l	99
24) 1,1-Dichloroethane	6.559	63	166145	46.692	ug/l	99
25) 2-Butanone	7.477	43	272328	243.176	ug/l	93
26) 2,2-Dichloropropane	7.483	77	156960	47.239	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	105561	47.479	ug/l	100
28) Bromochloromethane	7.812	49	63089	46.969	ug/l	95
29) Tetrahydrofuran	7.835	42	172105	247.129	ug/l	99
30) Chloroform	7.959	83	176700	46.682	ug/l	97
31) Cyclohexane	8.259	56	140512	44.850	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	161510	47.219	ug/l	98
36) 1,1-Dichloropropene	8.365	75	119459	49.060	ug/l	99
37) Ethyl Acetate	7.559	43	107567	48.593	ug/l	99
38) Carbon Tetrachloride	8.359	117	143416	51.025	ug/l	97
39) Methylcyclohexane	9.600	83	135863	53.695	ug/l	98
40) Benzene	8.600	78	382183	49.625	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	60844	49.642	ug/l	98
42) 1,2-Dichloroethane	8.665	62	127499	48.392	ug/l	100
43) Isopropyl Acetate	8.682	43	191833	41.720	ug/l	97
44) Trichloroethene	9.347	130	87140	48.688	ug/l	97
45) 1,2-Dichloropropane	9.618	63	92001	48.502	ug/l	99
46) Dibromomethane	9.706	93	64851	49.202	ug/l	99
47) Bromodichloromethane	9.882	83	137820	49.335	ug/l	97
48) Methyl methacrylate	9.677	41	87316	51.030	ug/l	100
49) 1,4-Dioxane	9.694	88	30423	1025.272	ug/l #	87
51) 4-Methyl-2-Pentanone	10.441	43	556464	264.955	ug/l	100
52) Toluene	10.629	92	241981	53.075	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	138262	49.367	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	152618	51.366	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	87582	51.573	ug/l	94
56) Ethyl methacrylate	10.871	69	140231	56.511	ug/l	99
57) 1,3-Dichloropropane	11.159	76	151735	50.767	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	323305	265.605	ug/l	99
59) 2-Hexanone	11.194	43	413761	263.414	ug/l	99
60) Dibromochloromethane	11.359	129	106148	51.145	ug/l	99
61) 1,2-Dibromoethane	11.471	107	87116	49.568	ug/l	99
64) Tetrachloroethene	11.100	164	76861	48.385	ug/l	96
65) Chlorobenzene	11.888	112	251311	47.005	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	92604	49.195	ug/l	98
67) Ethyl Benzene	11.959	91	448530	51.710	ug/l	99
68) m/p-Xylenes	12.070	106	344506	104.322	ug/l	99
69) o-Xylene	12.394	106	165811	52.784	ug/l	99
70) Styrene	12.412	104	279605	53.524	ug/l	99
71) Bromoform	12.576	173	69369	49.646	ug/l #	96
73) Isopropylbenzene	12.694	105	423179	48.571	ug/l	99
74) N-amyl acetate	12.494	43	168966	47.063	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	127412	42.826	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	102004m	45.408	ug/l	
77) Bromobenzene	12.976	156	104941	44.758	ug/l	99
78) n-propylbenzene	13.035	91	494462	49.204	ug/l	99
79) 2-Chlorotoluene	13.123	91	309129	46.082	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	367625	50.284	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	44928	44.152	ug/l	93
82) 4-Chlorotoluene	13.217	91	313905	44.950	ug/l	100
83) tert-Butylbenzene	13.435	119	302974	48.164	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	372668	49.520	ug/l	100
85) sec-Butylbenzene	13.612	105	422594	49.731	ug/l	99
86) p-Isopropyltoluene	13.729	119	359231	51.211	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	191219	41.348	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	192138	40.713	ug/l	99
89) n-Butylbenzene	14.053	91	302313	46.343	ug/l	99
90) Hexachloroethane	14.329	117	70315	45.987	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	187449	42.300	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23743	41.270	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	90538	37.607	ug/l	98
94) Hexachlorobutadiene	15.500	225	44494	40.045	ug/l	99
95) Naphthalene	15.635	128	271312	39.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	88992	38.740	ug/l	98

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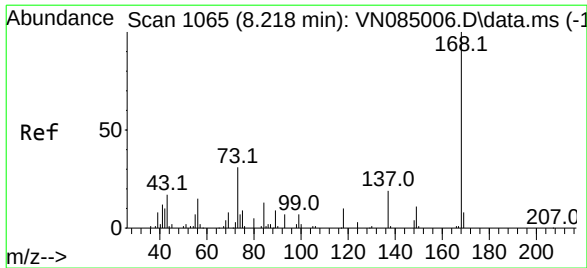
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/04/2024

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Response via : Initial Calibration

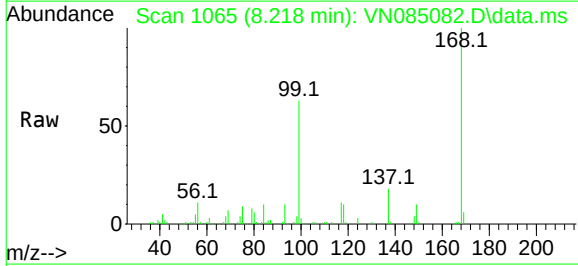
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
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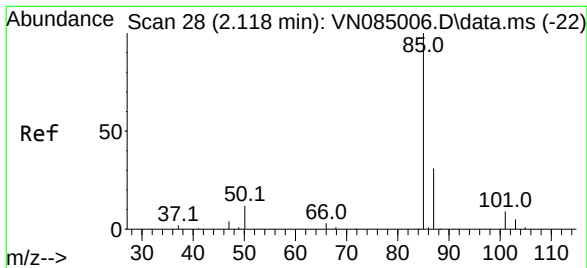
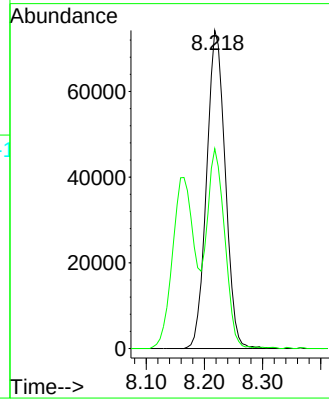
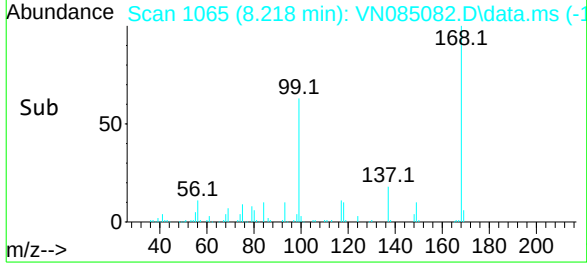
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 165115
Ion Ratio Lower Upper
168 100
99 62.8 51.2 76.8

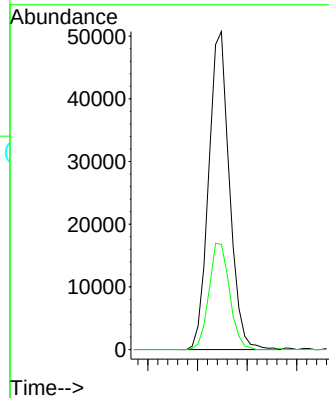
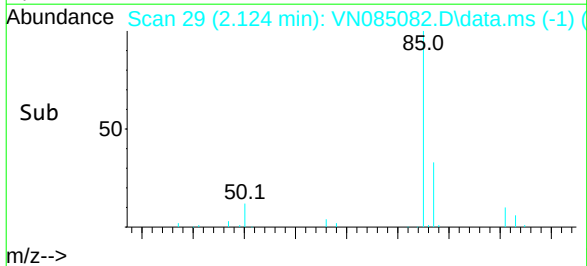
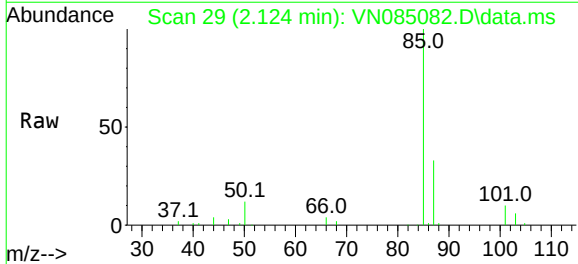
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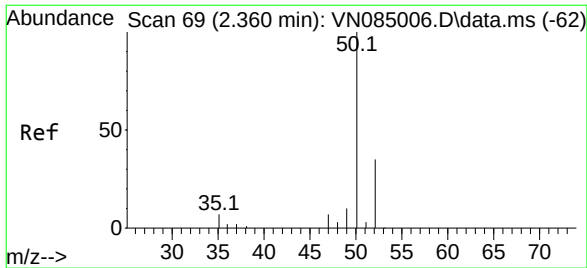
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#2
Dichlorodifluoromethane
Concen: 39.455 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

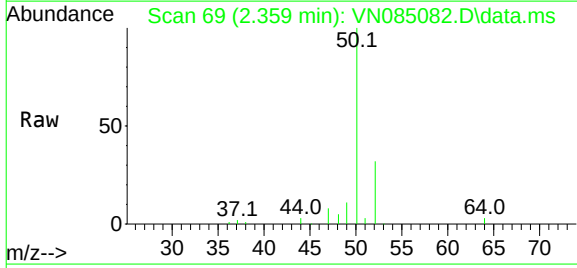
Tgt Ion: 85 Resp: 73664
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1





#3
Chloromethane
Concen: 40.570 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

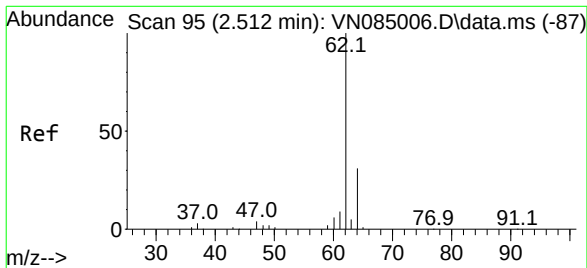
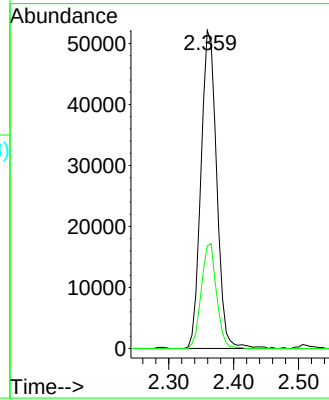
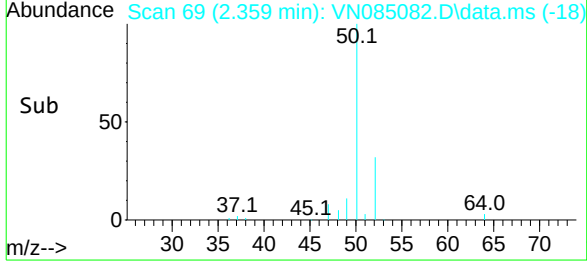
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Tgt Ion: 50 Resp: 87854
Ion Ratio Lower Upper
50 100
52 32.3 27.8 41.8

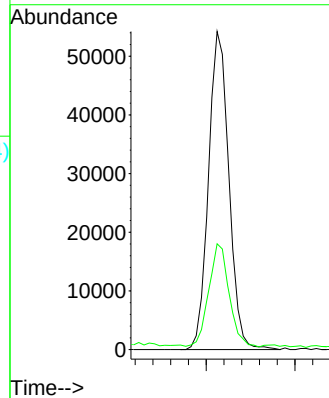
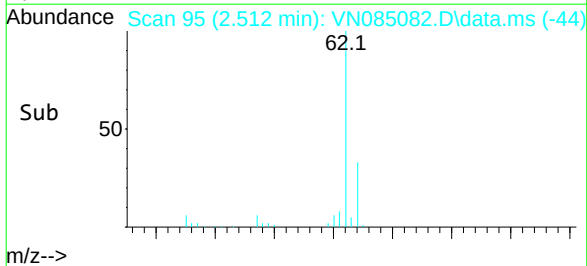
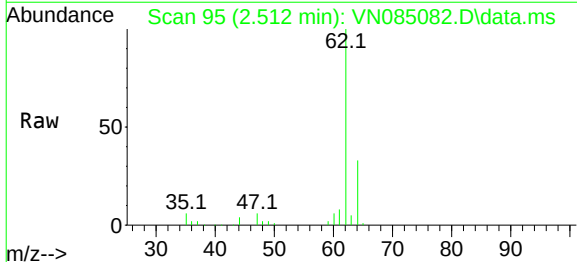
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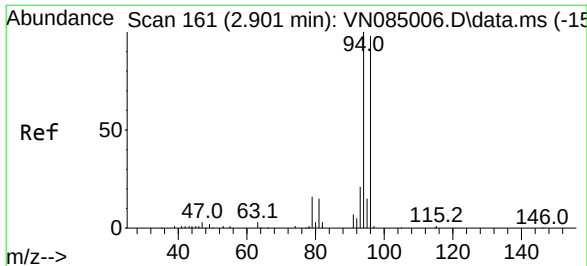
Reviewed By :John Carlone 12/04/2024
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#4
Vinyl Chloride
Concen: 44.474 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 62 Resp: 86547
Ion Ratio Lower Upper
62 100
64 32.2 24.6 36.8





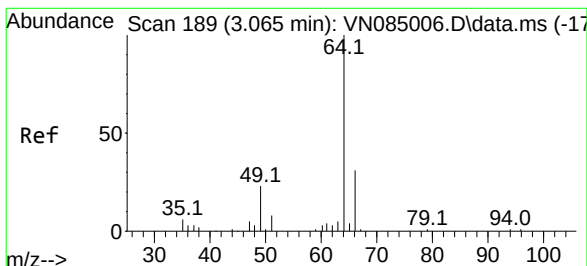
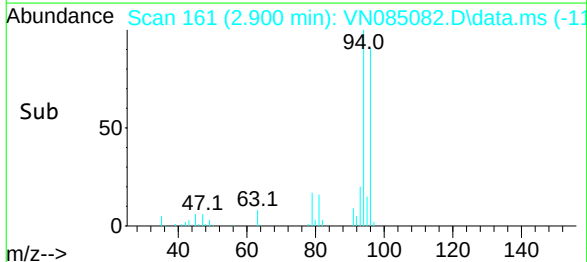
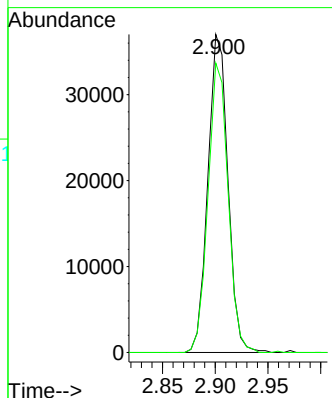
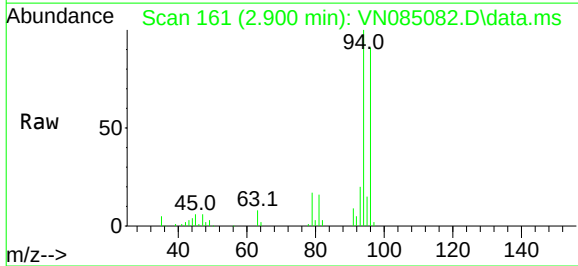
#5
Bromomethane
Concen: 44.735 ug/l
RT: 2.900 min Scan# 161
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 48794
Ion Ratio Lower Upper
94 100
96 91.0 78.7 118.1

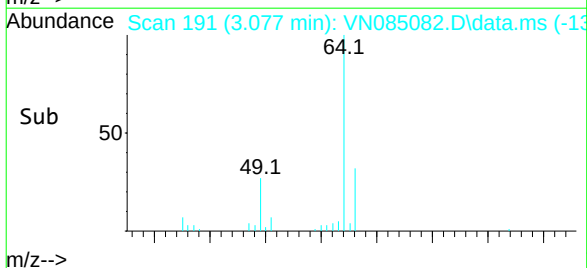
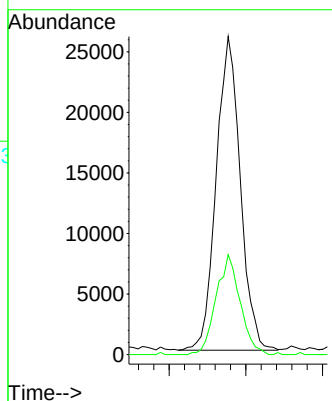
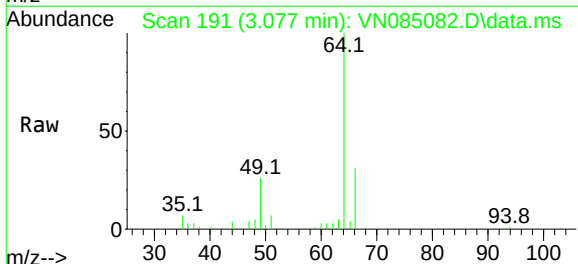
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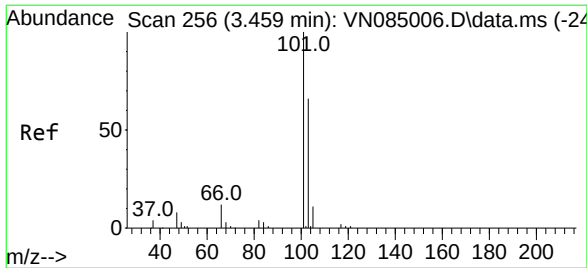
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#6
Chloroethane
Concen: 43.093 ug/l
RT: 3.077 min Scan# 191
Delta R.T. 0.012 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

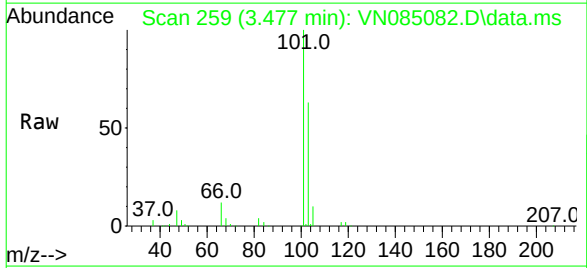
Tgt Ion: 64 Resp: 56525
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6





#7
Trichlorofluoromethane
Concen: 46.630 ug/l
RT: 3.477 min Scan# 256
Delta R.T. 0.017 min
Lab File: VN085082.D
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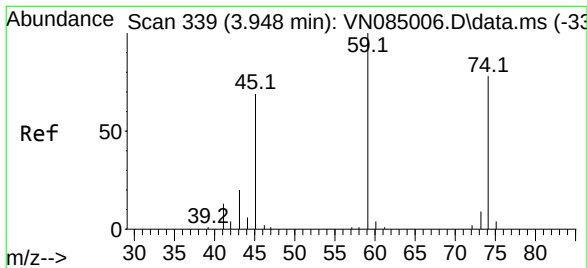
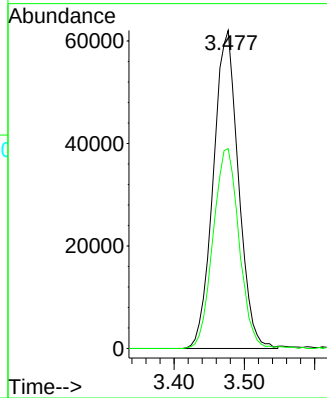
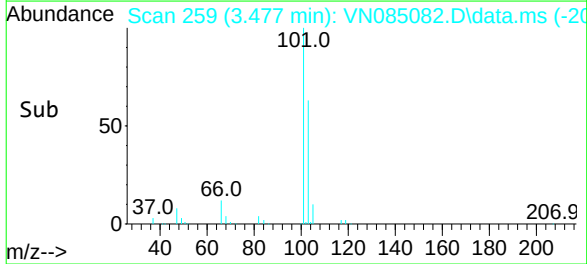
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 101 Resp: 154364
Ion Ratio Lower Upper
101 100
103 62.8 52.6 78.8

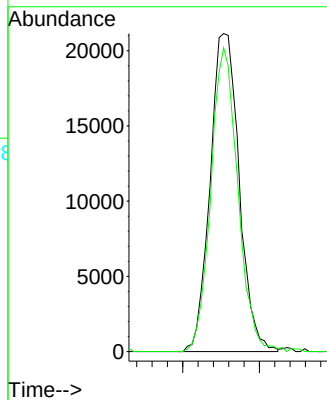
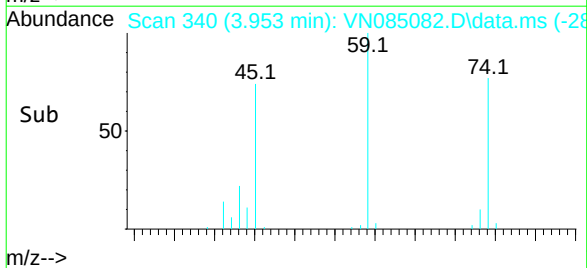
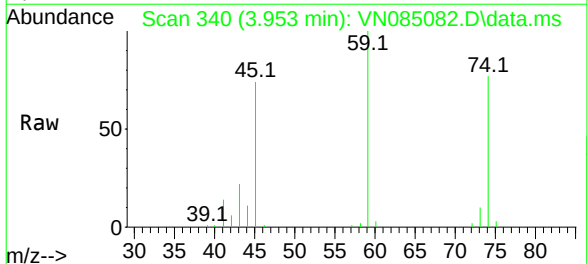
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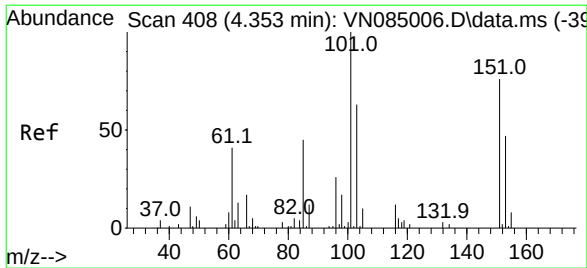
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#8
Diethyl Ether
Concen: 49.297 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 74 Resp: 55544
Ion Ratio Lower Upper
74 100
45 89.0 46.7 140.1





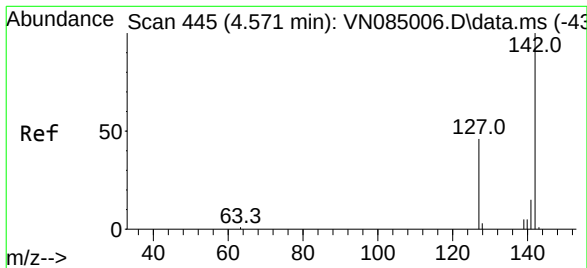
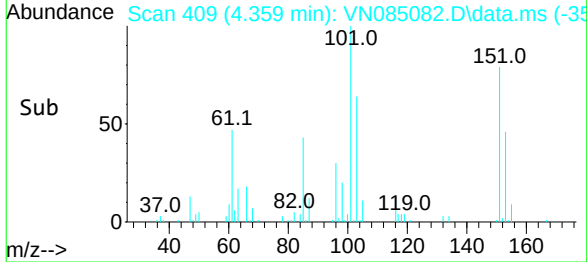
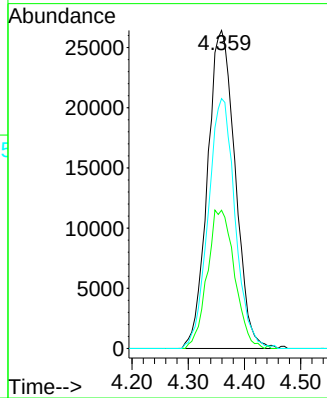
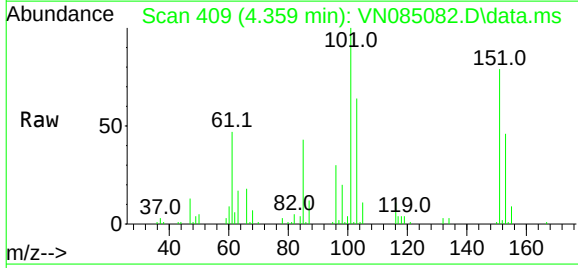
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.071 ug/l
RT: 4.359 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

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MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	101	Resp:	90256
Ion Ratio	Lower	Upper	
101	100		
85	42.9	36.9	55.3
151	76.4	60.8	91.2

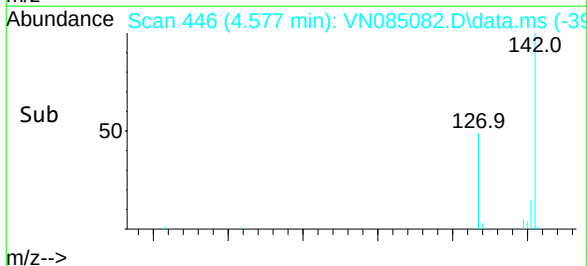
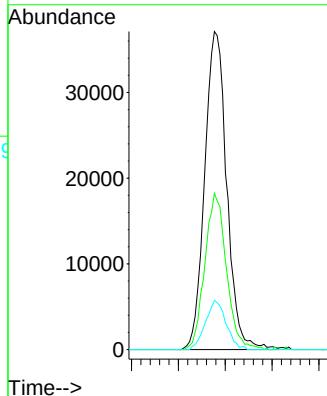
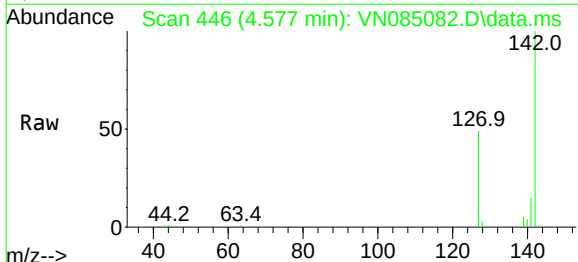
Manual Integrations
APPROVED

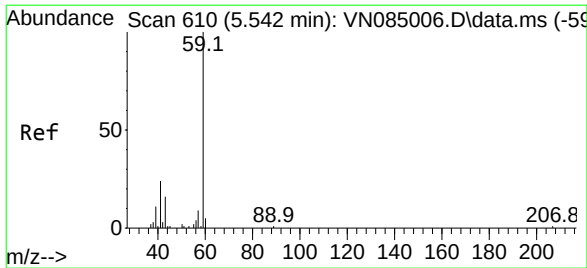
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#10
Methyl Iodide
Concen: 48.785 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion:	142	Resp:	121244
Ion Ratio	Lower	Upper	
142	100		
127	49.1	36.6	54.8
141	15.5	12.2	18.4





#11

Tert butyl alcohol

Concen: 235.932 ug/l

RT: 5.536 min Scan# 609

Delta R.T. -0.006 min

Lab File: VN085082.D

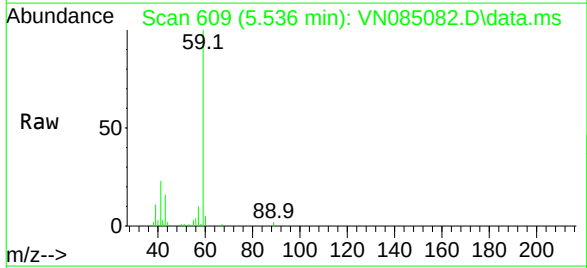
Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 59 Resp: 74152

Ion Ratio Lower Upper

59 100

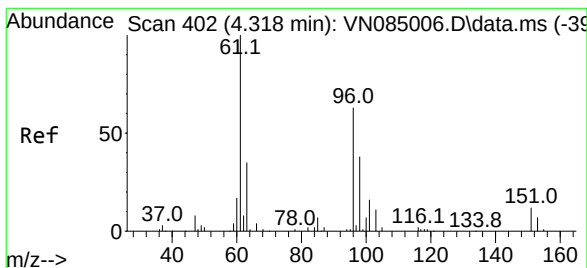
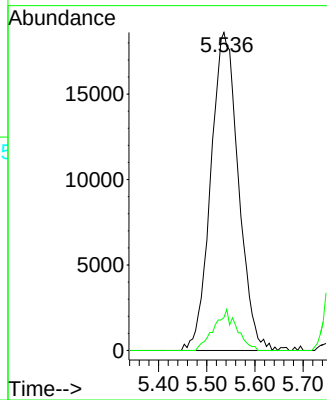
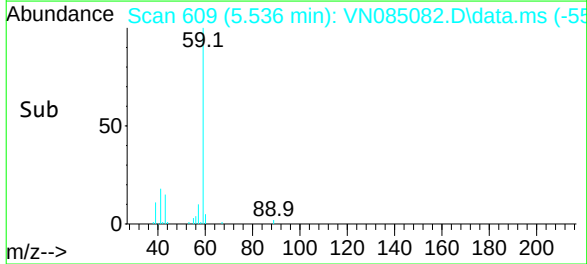
57 10.6 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#12

1,1-Dichloroethene

Concen: 47.544 ug/l

RT: 4.324 min Scan# 403

Delta R.T. 0.006 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

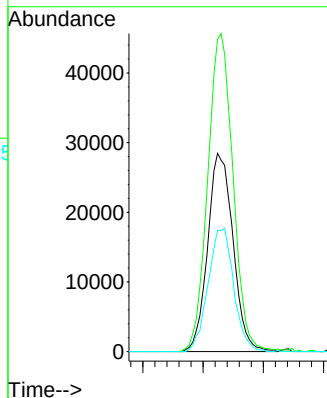
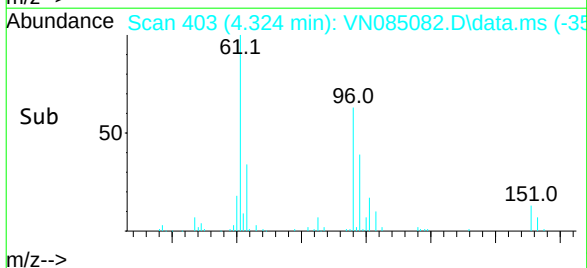
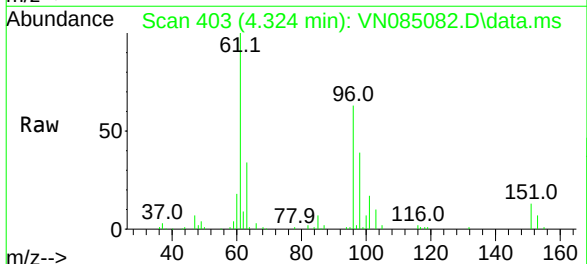
Tgt Ion: 96 Resp: 83323

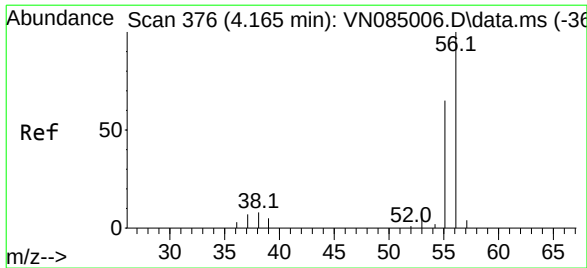
Ion Ratio Lower Upper

96 100

61 157.5 127.8 191.8

98 61.1 49.2 73.8





#13

Acrolein

Concen: 305.123 ug/l

RT: 4.171 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 63990

Ion Ratio Lower Upper

56 100

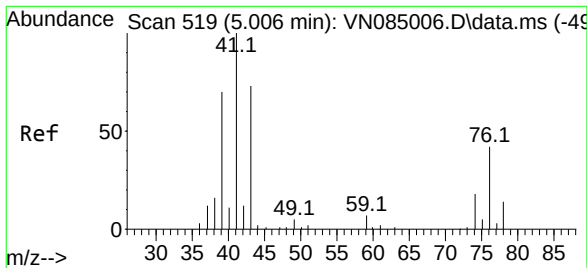
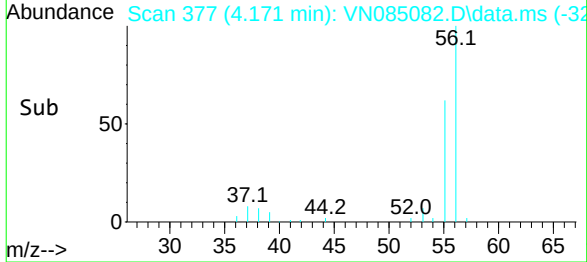
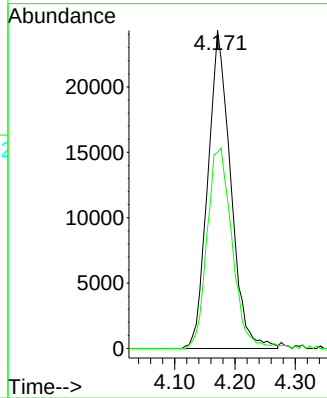
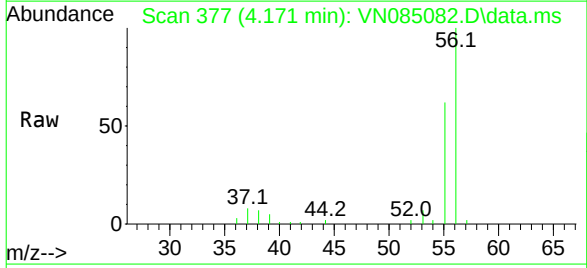
55 68.4 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#14

Allyl chloride

Concen: 43.261 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

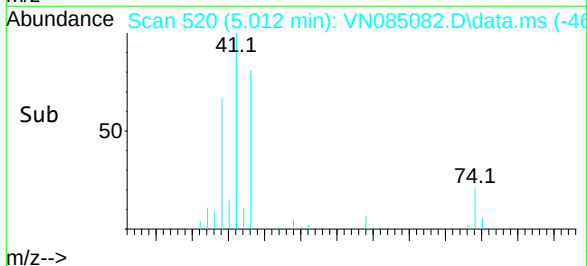
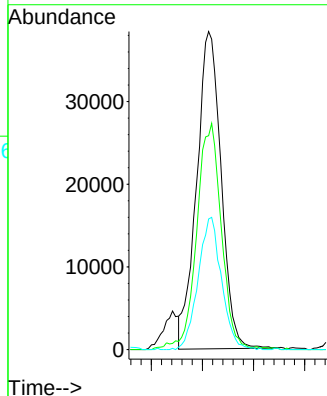
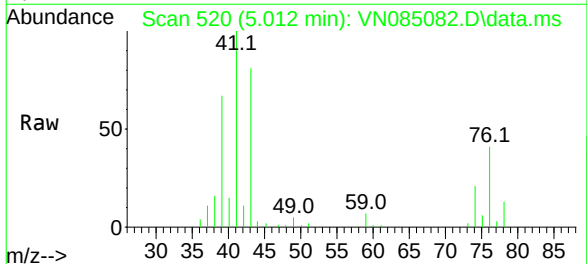
Tgt Ion: 41 Resp: 127810

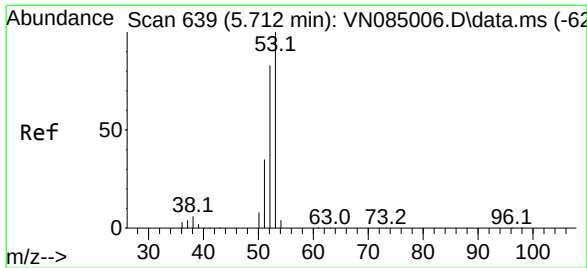
Ion Ratio Lower Upper

41 100

39 71.8 53.8 80.8

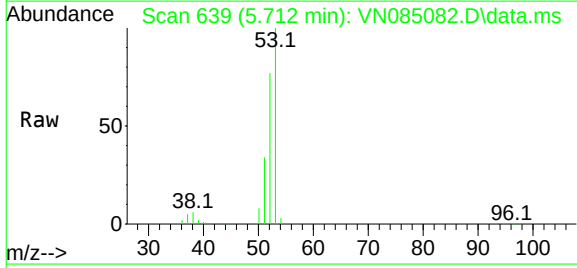
76 39.8 29.3 43.9





#15
Acrylonitrile
Concen: 235.688 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

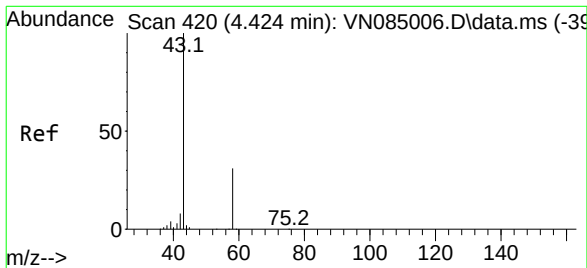
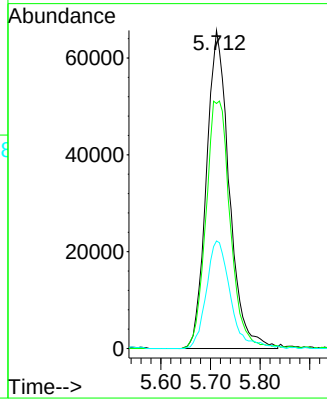
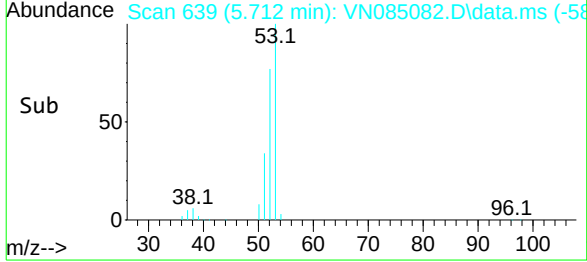
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 209719
Ion Ratio Lower Upper
53 100
52 82.9 65.5 98.3
51 35.8 28.4 42.6

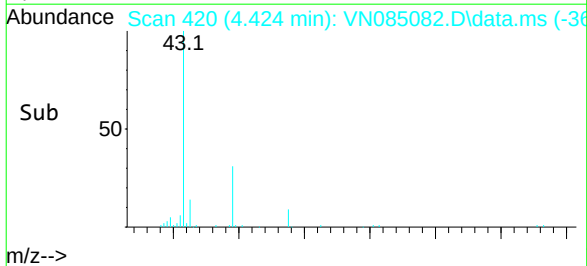
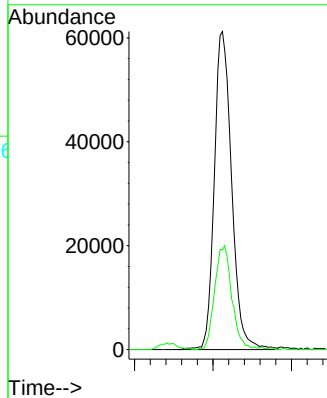
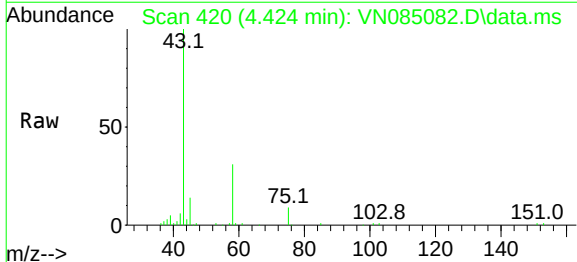
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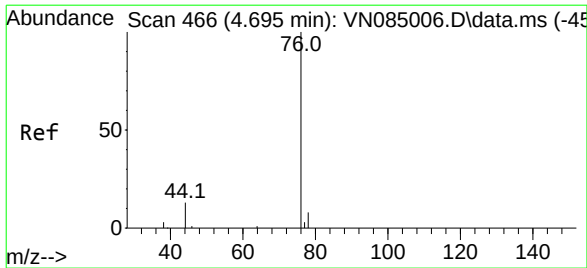
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#16
Acetone
Concen: 274.603 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 43 Resp: 188097
Ion Ratio Lower Upper
43 100
58 31.3 25.4 38.2





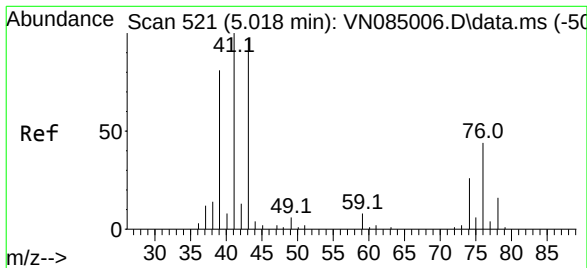
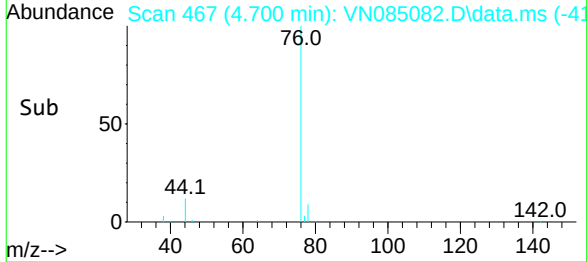
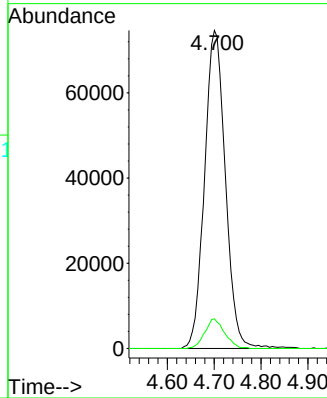
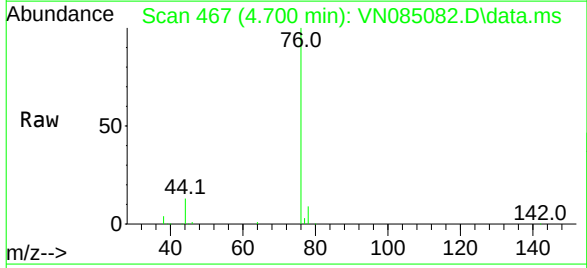
#17
Carbon Disulfide
Concen: 44.603 ug/l
RT: 4.700 min Scan# 46
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 230721
Ion Ratio Lower Upper
76 100
78 9.3 6.5 9.7

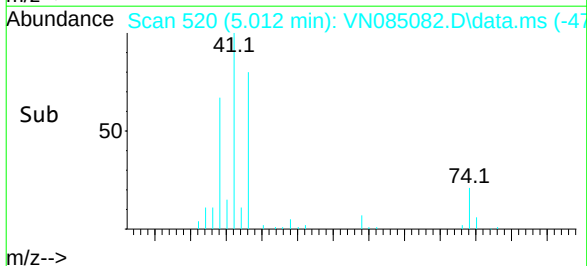
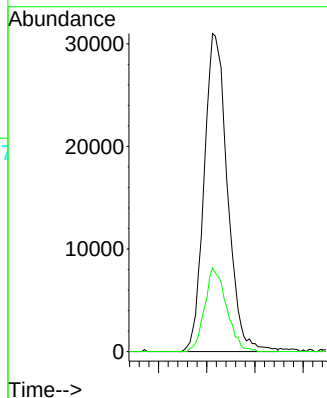
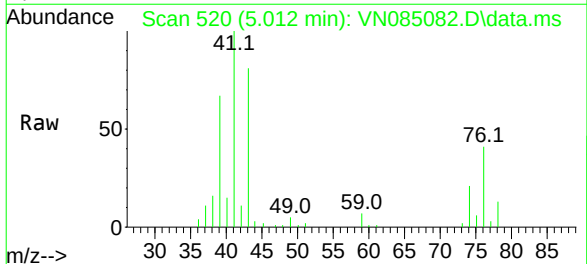
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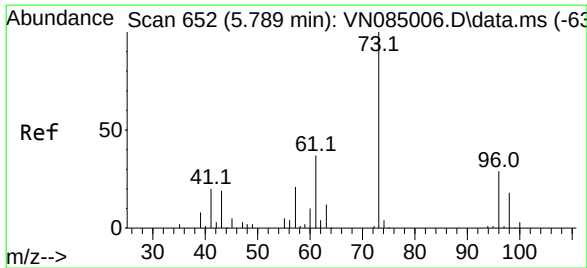
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#18
Methyl Acetate
Concen: 47.444 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 43 Resp: 103999
Ion Ratio Lower Upper
43 100
74 24.7 20.1 30.1





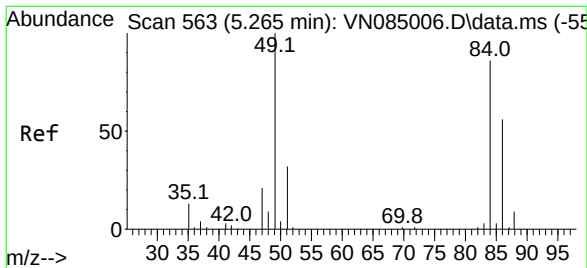
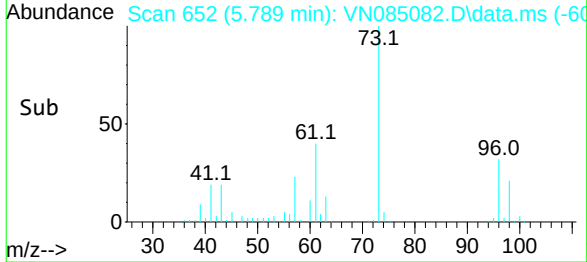
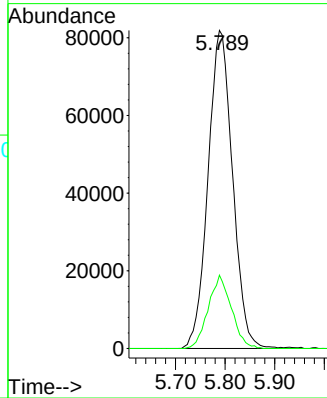
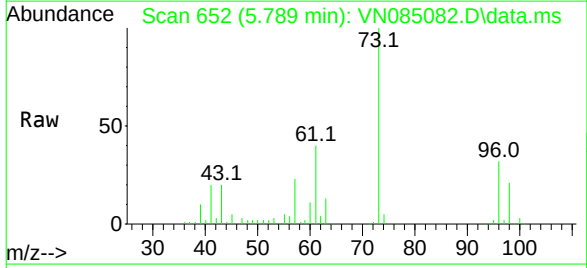
#19
Methyl tert-butyl Ether
Concen: 49.063 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 280936
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.4

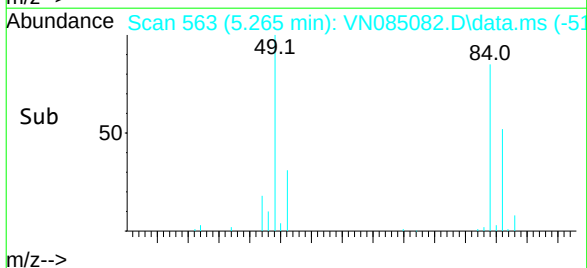
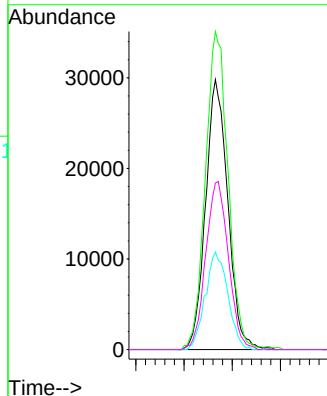
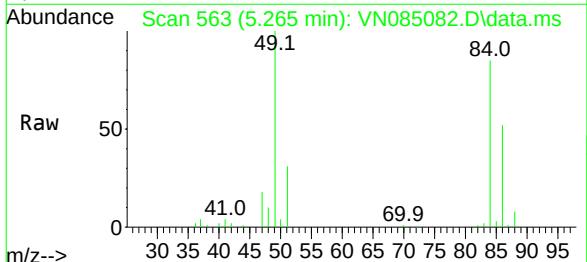
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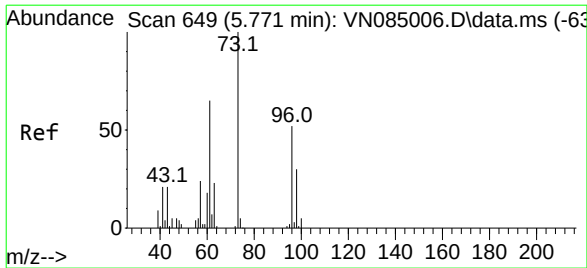
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#20
Methylene Chloride
Concen: 45.755 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 84 Resp: 95637
Ion Ratio Lower Upper
84 100
49 117.8 92.7 139.1
51 36.1 29.4 44.2
86 61.7 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 47.191 ug/l

RT: 5.777 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 87032

Ion Ratio Lower Upper

96 100

61 131.4 100.7 151.1

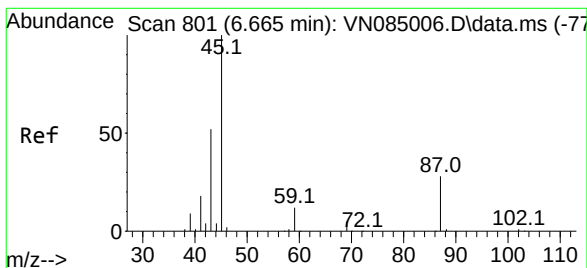
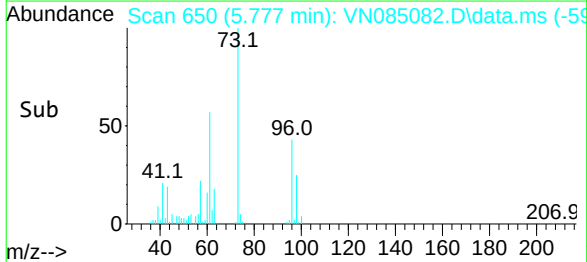
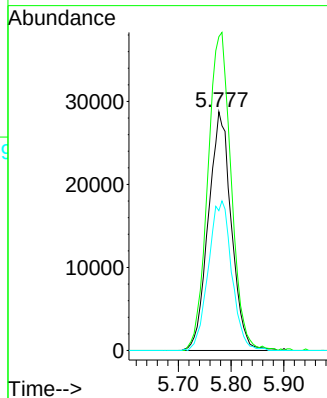
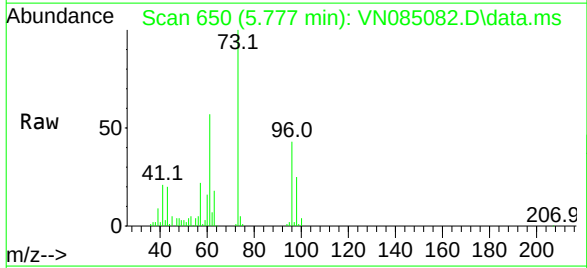
98 58.6 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#22

Diisopropyl ether

Concen: 47.313 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.000 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

Tgt Ion: 45 Resp: 281333

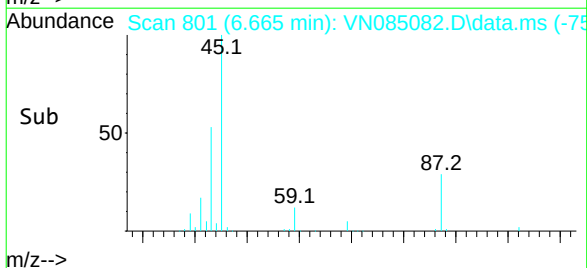
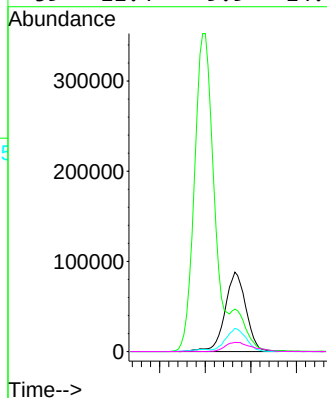
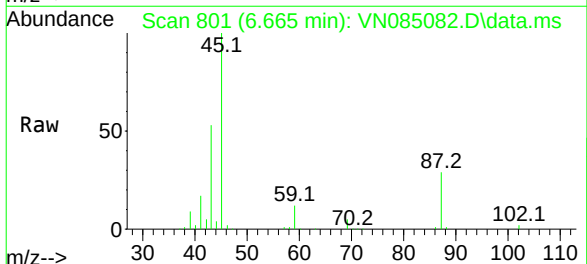
Ion Ratio Lower Upper

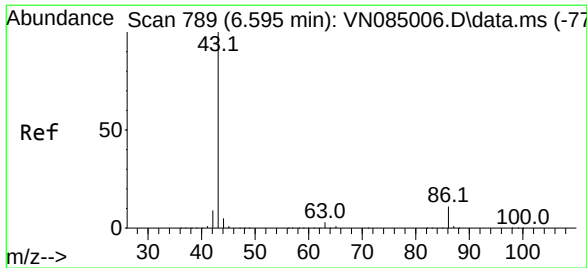
45 100

43 52.0 42.7 64.1

87 29.2 22.6 34.0

59 11.4 9.9 14.9





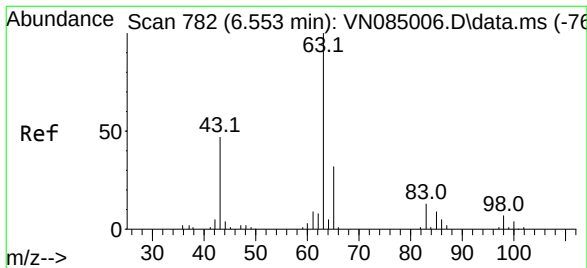
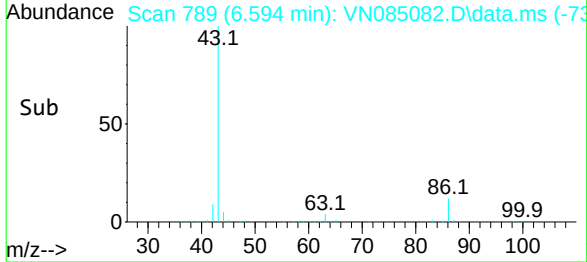
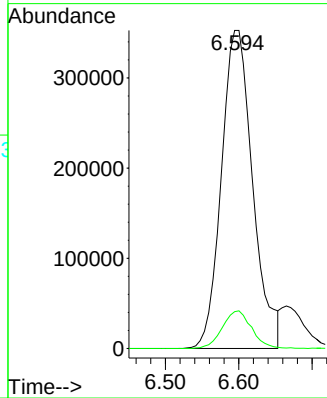
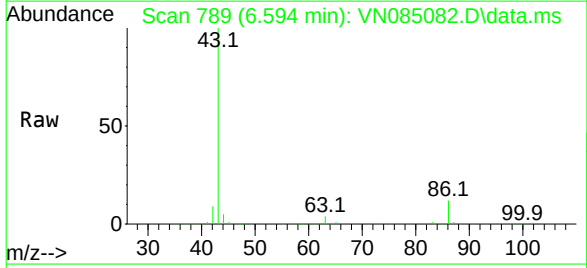
#23
 Vinyl Acetate
 Concen: 255.306 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1047303
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.9 13.3

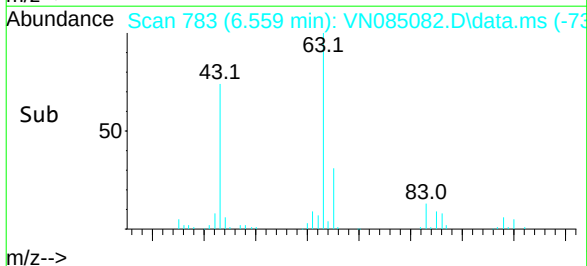
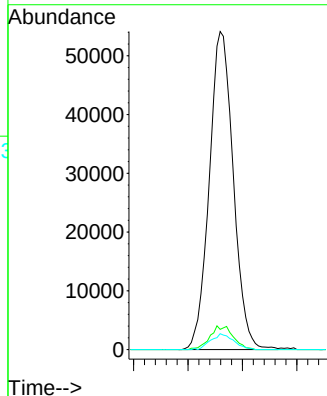
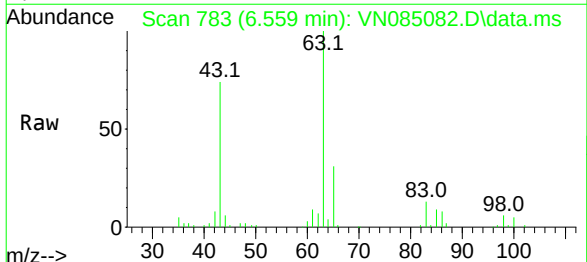
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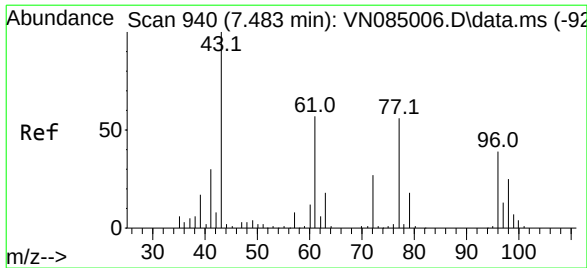
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024



#24
 1,1-Dichloroethane
 Concen: 46.692 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14

Tgt Ion: 63 Resp: 166145
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 5.0 2.2 6.6





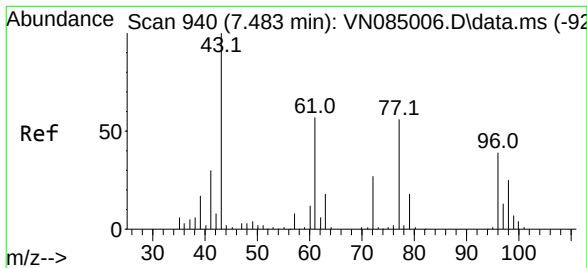
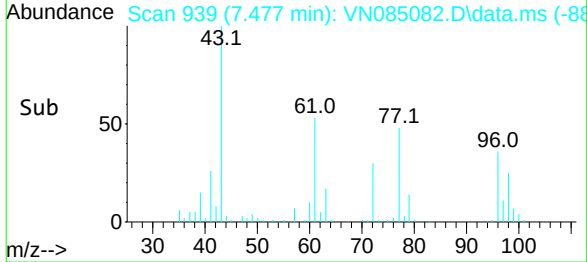
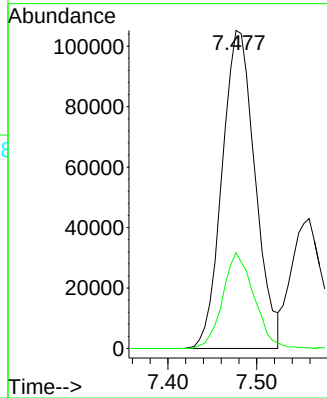
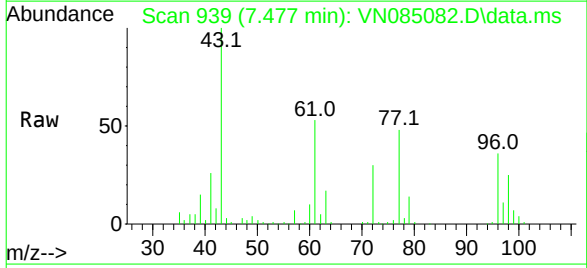
#25
2-Butanone
Concen: 243.176 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 272328
Ion Ratio Lower Upper
43 100
72 30.1 21.4 32.0

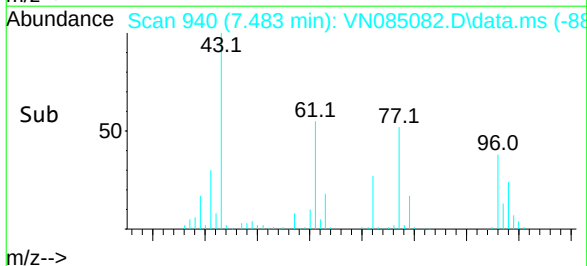
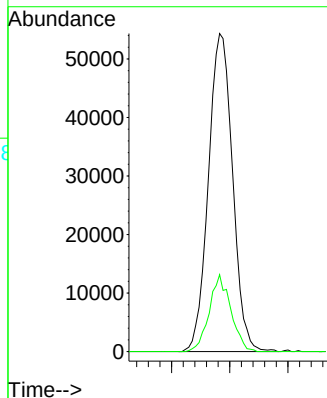
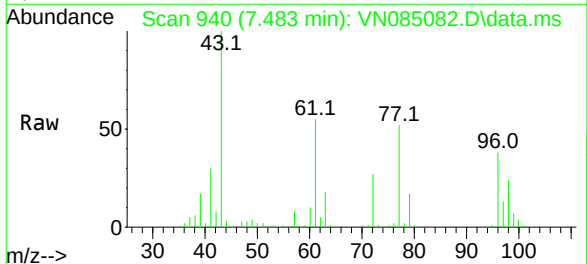
Manual Integrations
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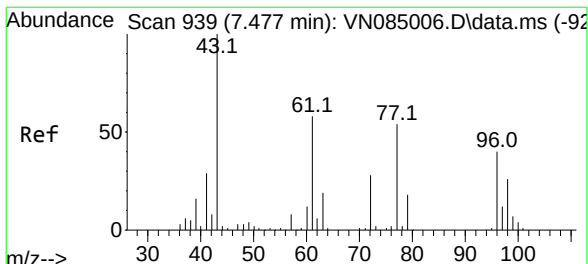
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#26
2,2-Dichloropropane
Concen: 47.239 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 77 Resp: 156960
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 47.479 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

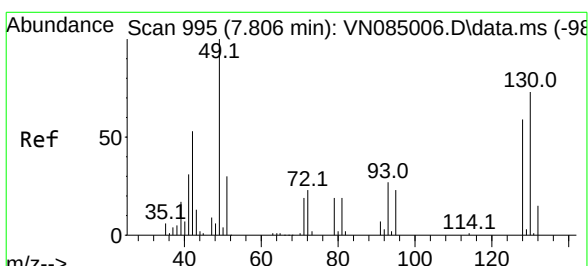
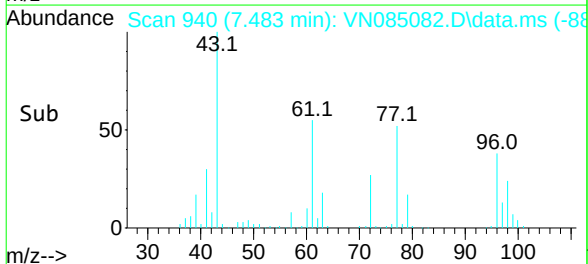
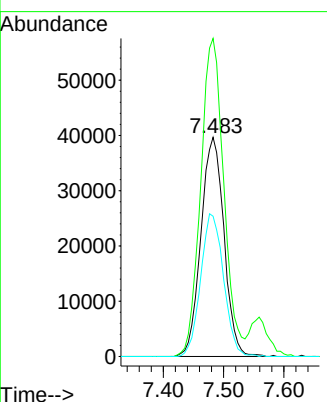
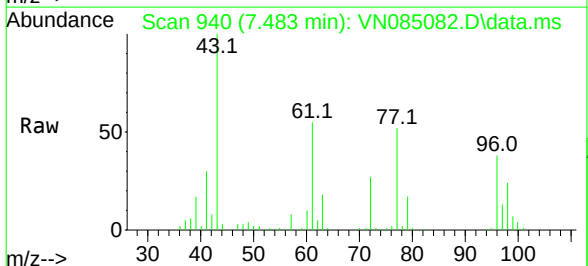
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96	Resp: 105561
Ion Ratio	Lower Upper
96	100
61	145.8 0.0 291.6
98	64.6 0.0 129.8

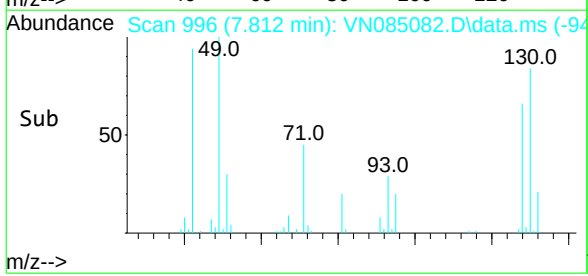
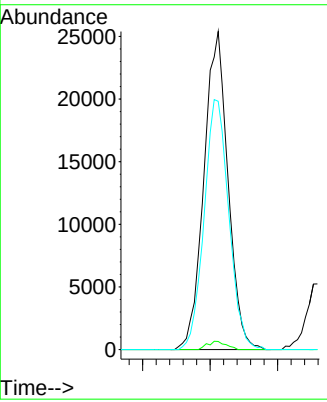
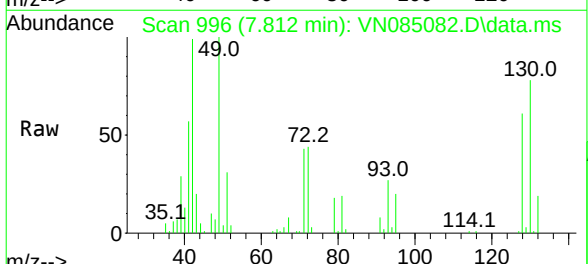
Manual Integrations
 APPROVED

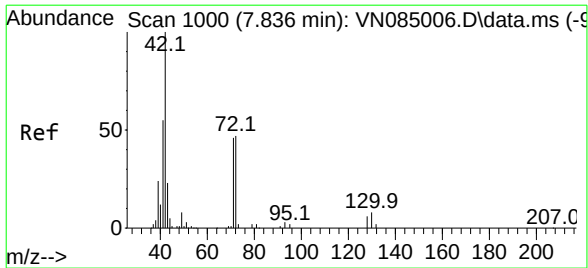
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024



#28
 Bromochloromethane
 Concen: 46.969 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14

Tgt Ion: 49	Resp: 63089
Ion Ratio	Lower Upper
49	100
129	2.0 0.0 4.0
130	80.5 60.6 90.8





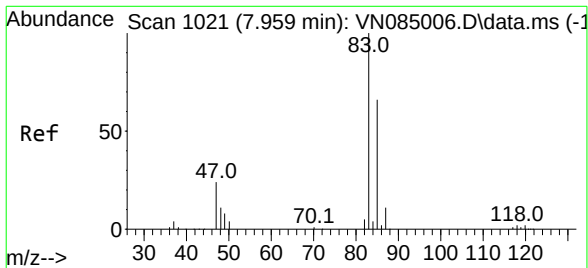
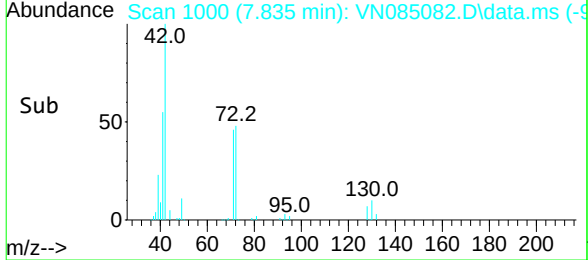
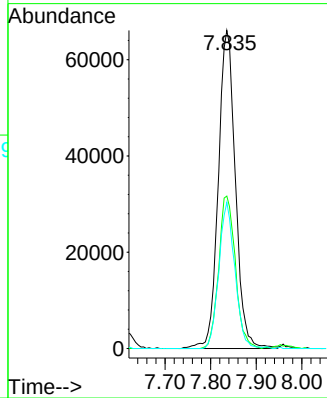
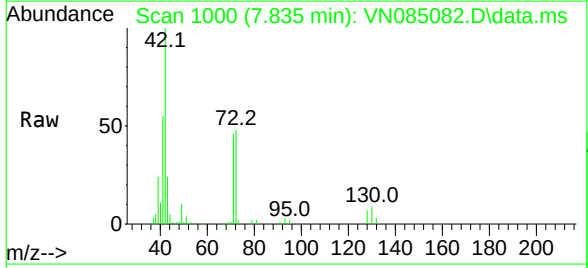
#29
Tetrahydrofuran
Concen: 247.129 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 172105
Ion Ratio Lower Upper
42 100
72 46.9 37.0 55.4
71 43.0 35.0 52.4

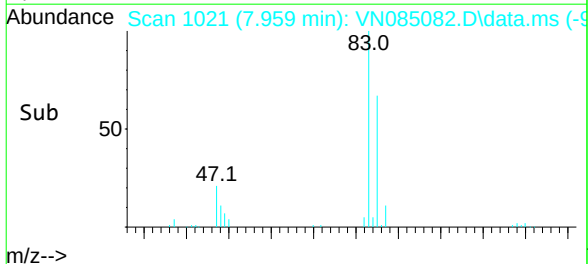
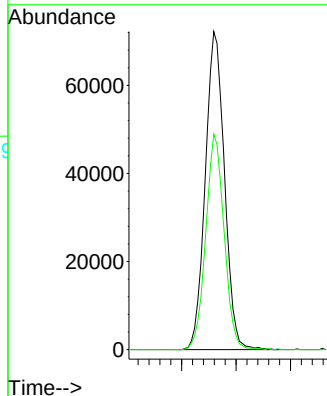
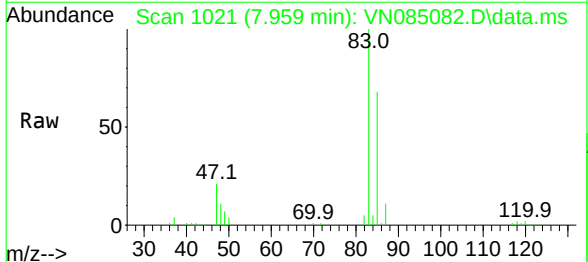
Manual Integrations
APPROVED

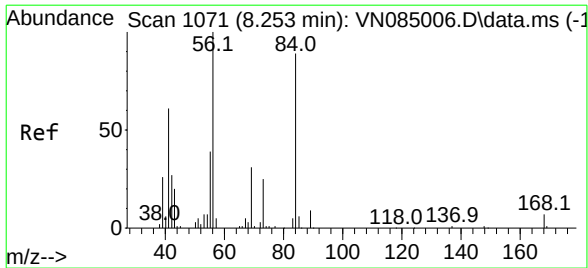
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#30
Chloroform
Concen: 46.682 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

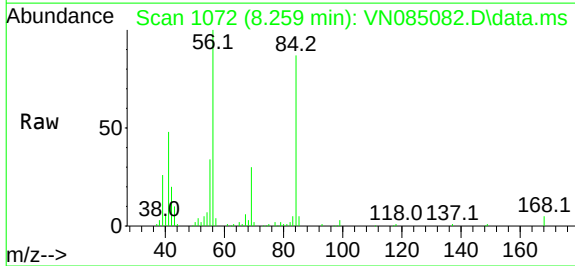
Tgt Ion: 83 Resp: 176700
Ion Ratio Lower Upper
83 100
85 67.8 52.6 78.8





#31
Cyclohexane
Concen: 44.850 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

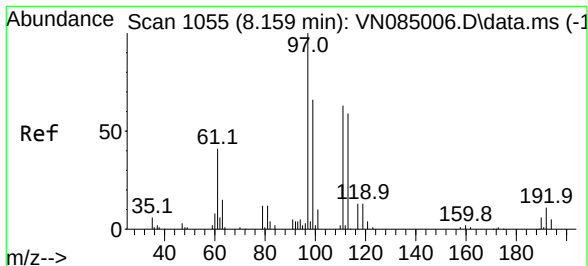
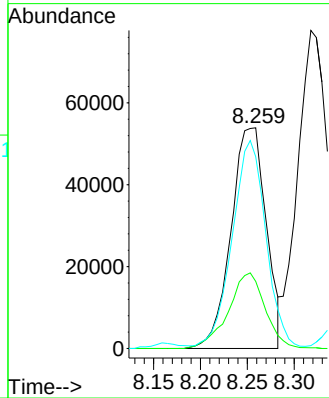
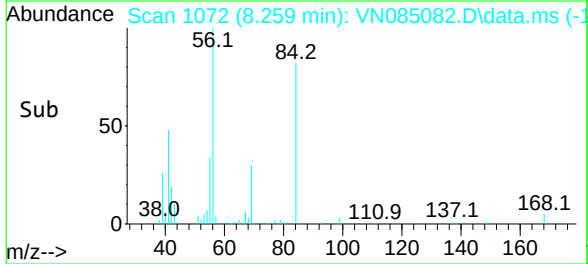
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 140512
Ion Ratio Lower Upper
56 100
69 30.4 24.6 36.8
84 85.5 71.4 107.2

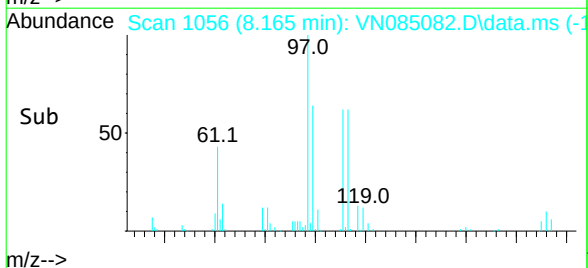
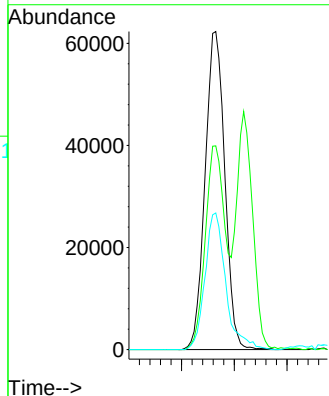
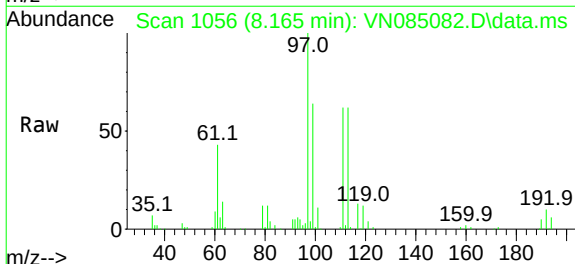
Manual Integrations
APPROVED

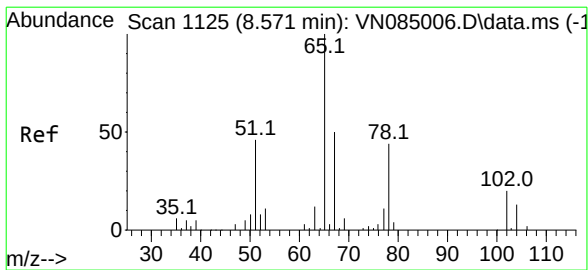
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#32
1,1,1-Trichloroethane
Concen: 47.219 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 97 Resp: 161510
Ion Ratio Lower Upper
97 100
99 66.0 51.0 76.4
61 45.5 36.2 54.2





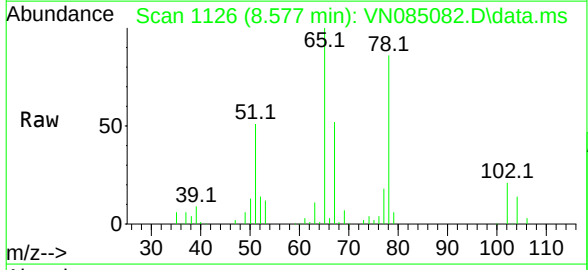
#33
 1,2-Dichloroethane-d4
 Concen: 47.927 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

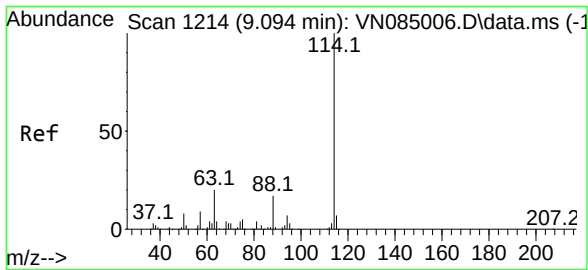
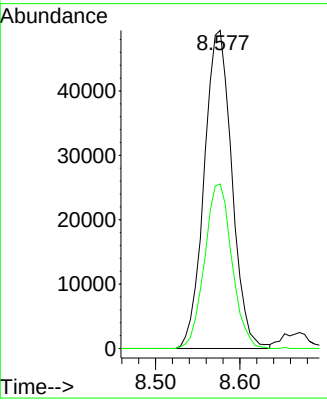
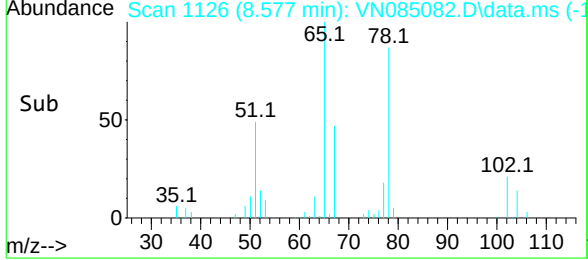


Tgt Ion: 65 Resp: 112721
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.0

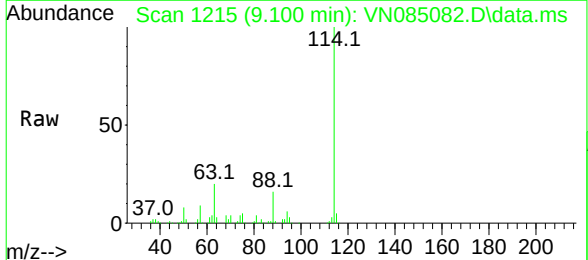
Manual Integrations

APPROVED

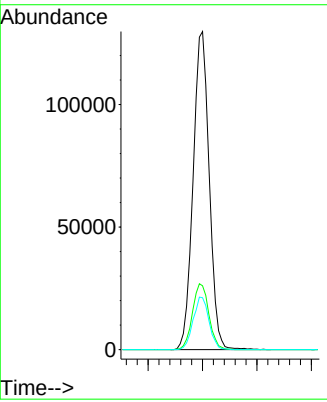
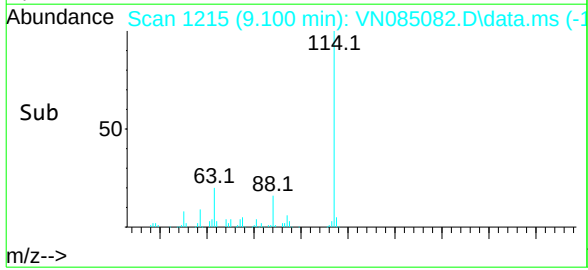
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024

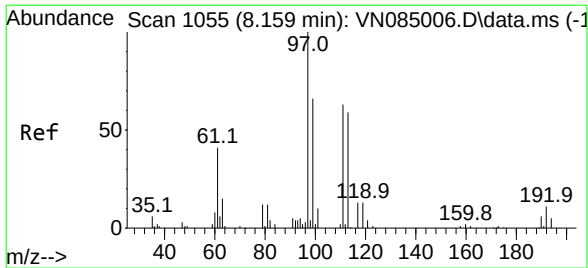


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14



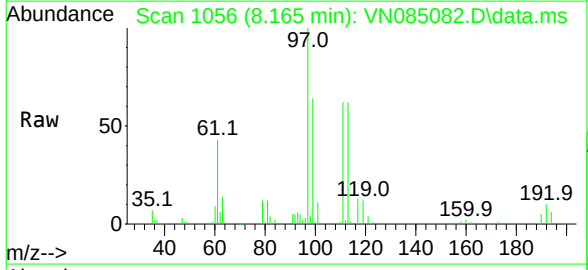
Tgt Ion:114 Resp: 266577
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.0
 88 16.3 0.0 34.8





#35
 Dibromofluoromethane
 Concen: 51.824 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14

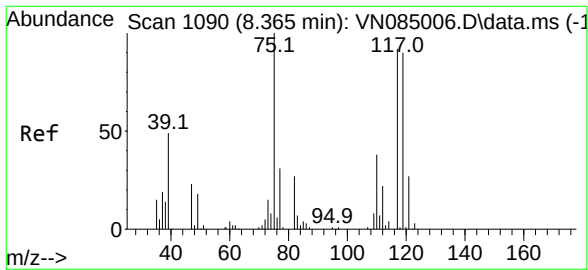
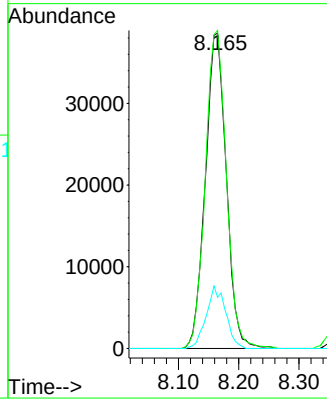
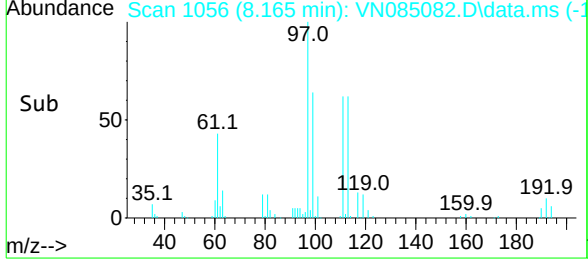
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	113	Resp:	93165
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	18.4	14.8	22.2

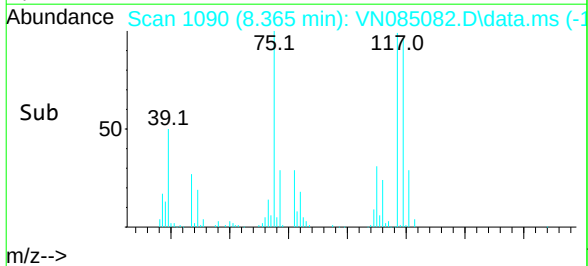
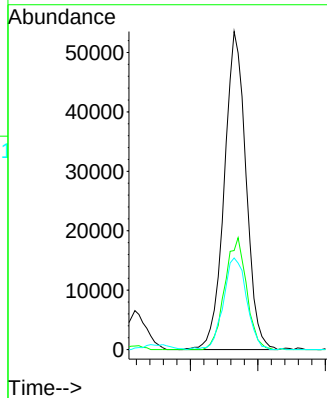
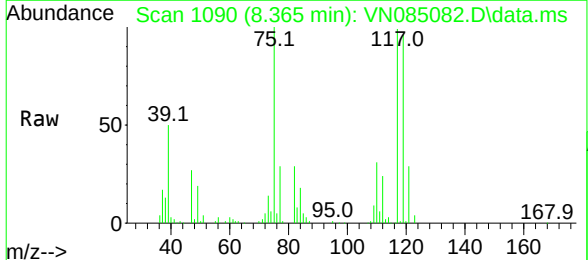
Manual Integrations
 APPROVED

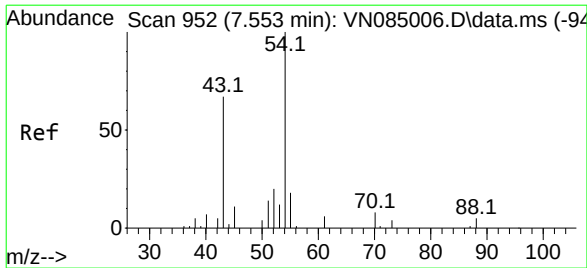
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024



#36
 1,1-Dichloropropene
 Concen: 49.060 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14

Tgt Ion:	75	Resp:	119459
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.2	51.6
77	30.9	24.2	36.4





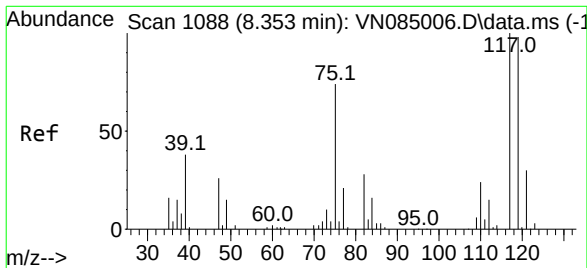
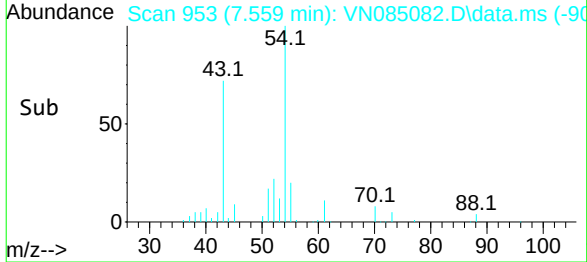
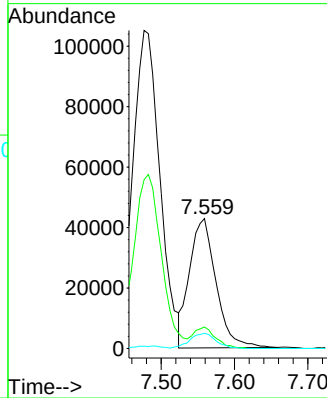
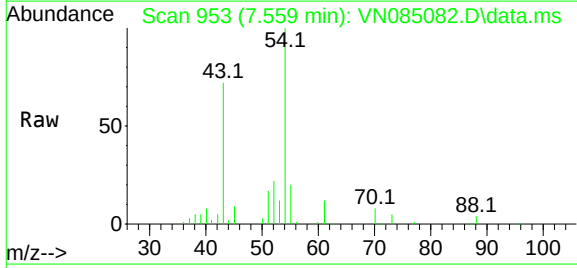
#37
Ethyl Acetate
Concen: 48.593 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 107567
Ion Ratio Lower Upper
43 100
61 13.9 11.7 17.5
70 11.6 9.3 13.9

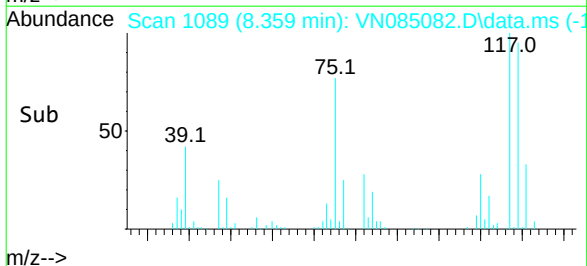
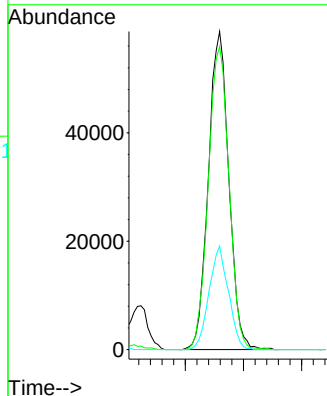
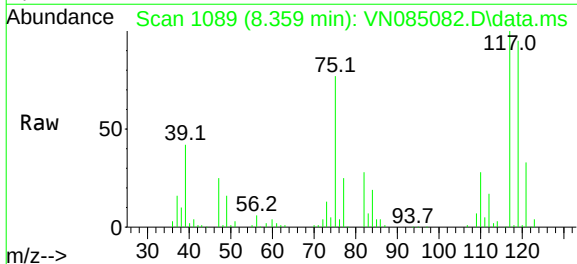
Manual Integrations
APPROVED

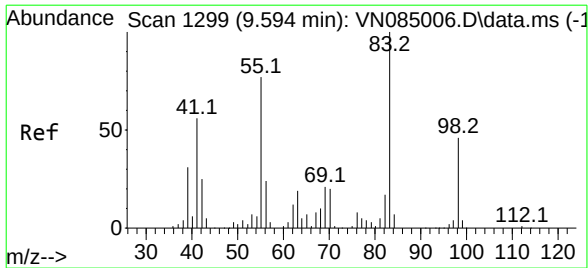
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#38
Carbon Tetrachloride
Concen: 51.025 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

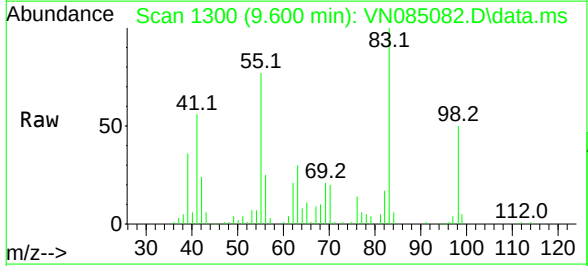
Tgt Ion:117 Resp: 143416
Ion Ratio Lower Upper
117 100
119 95.3 78.6 117.8
121 32.6 24.2 36.2





#39
Methylcyclohexane
Concen: 53.695 ug/l
RT: 9.600 min Scan# 13
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

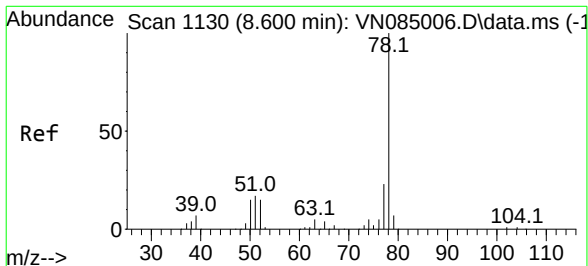
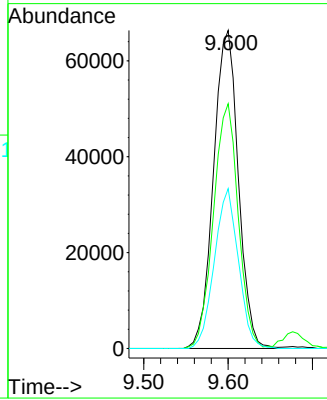
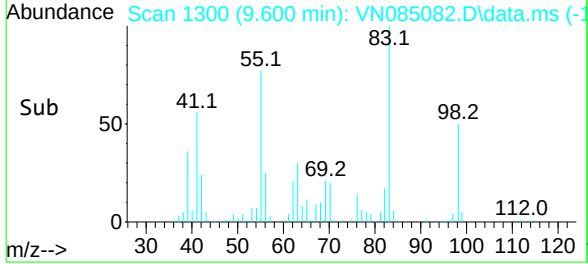
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 135863
Ion Ratio Lower Upper
83 100
55 77.0 61.8 92.6
98 50.3 37.0 55.6

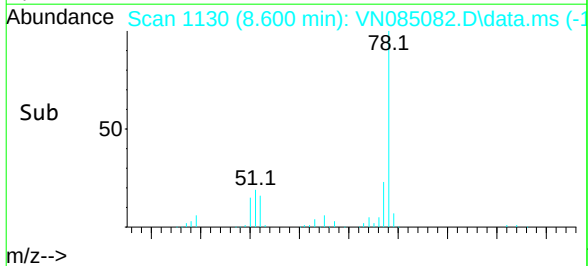
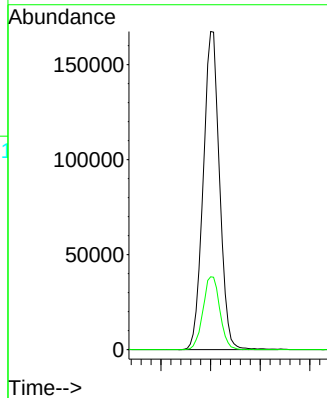
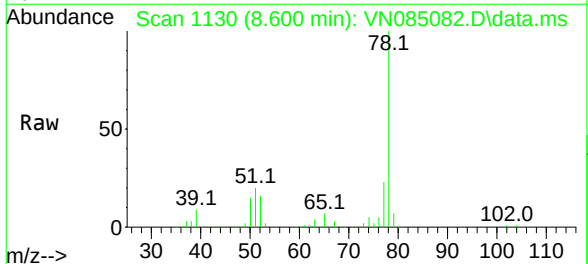
Manual Integrations
APPROVED

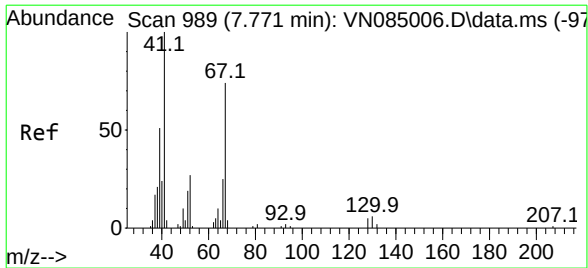
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#40
Benzene
Concen: 49.625 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 78 Resp: 382183
Ion Ratio Lower Upper
78 100
77 22.9 18.5 27.7





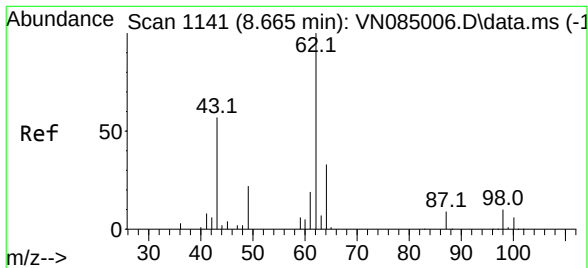
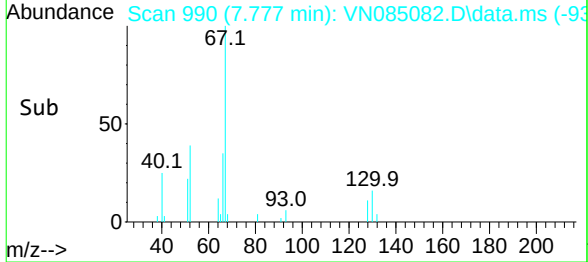
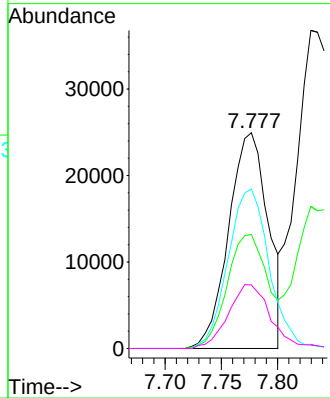
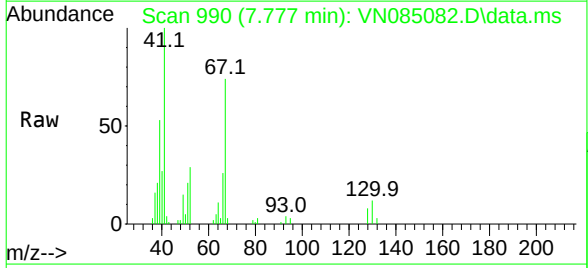
#41
Methacrylonitrile
Concen: 49.642 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41	Resp: 60844
Ion Ratio	Lower Upper
41 100	
39 54.4	42.6 63.8
67 77.1	59.9 89.9
52 31.8	24.8 37.2

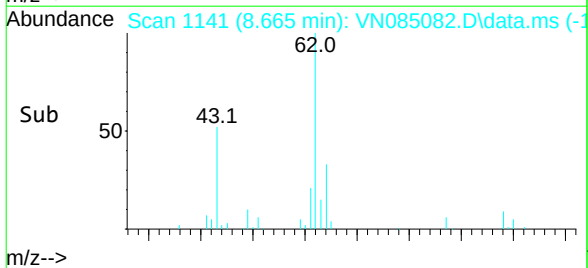
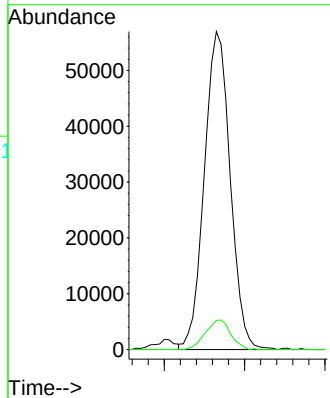
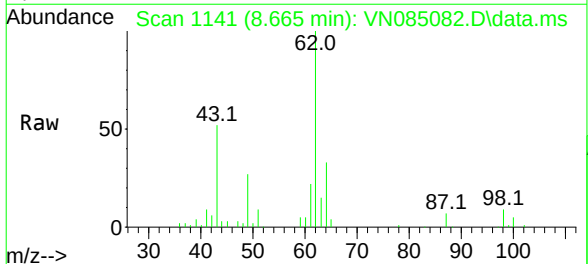
Manual Integrations
APPROVED

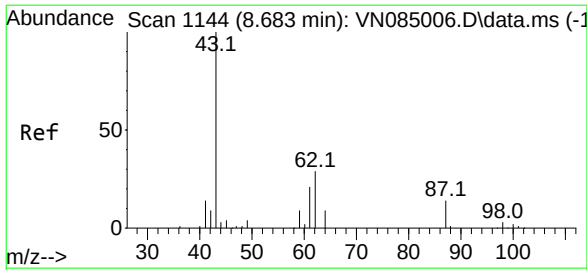
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#42
1,2-Dichloroethane
Concen: 48.392 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt	Ion: 62	Resp: 127499	
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





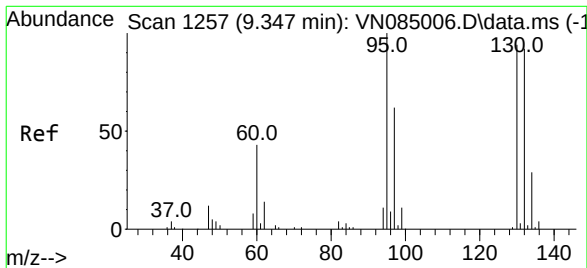
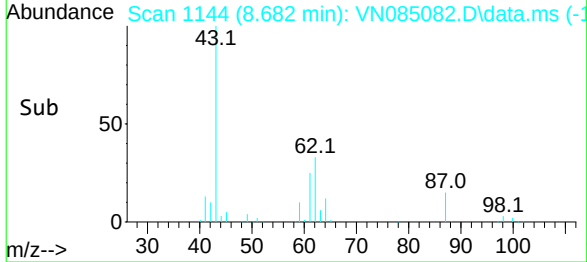
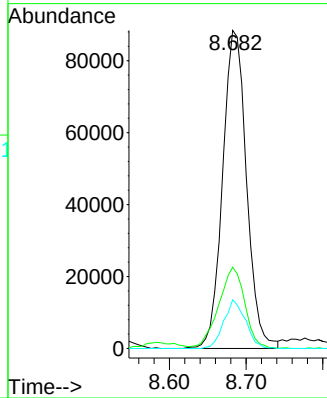
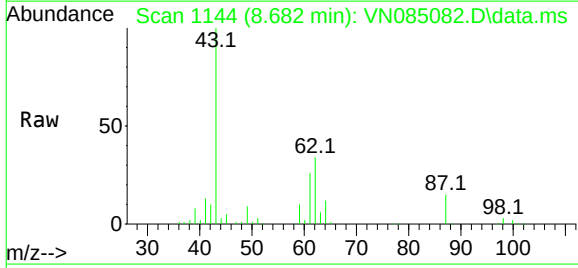
#43
Isopropyl Acetate
Concen: 41.720 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 191833
Ion Ratio Lower Upper
43 100
61 28.0 20.6 30.8
87 13.9 11.0 16.4

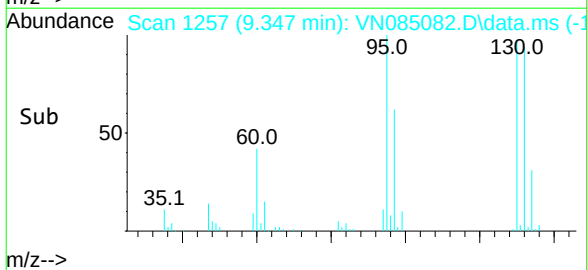
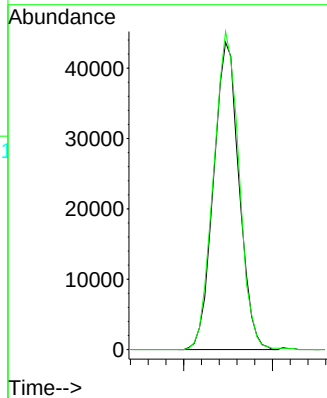
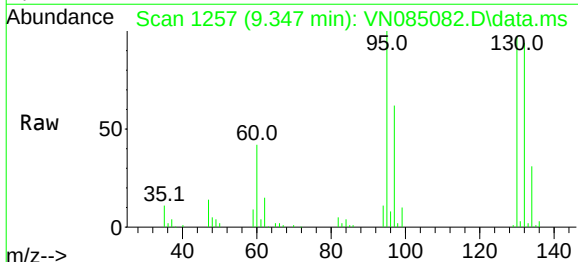
Manual Integrations
APPROVED

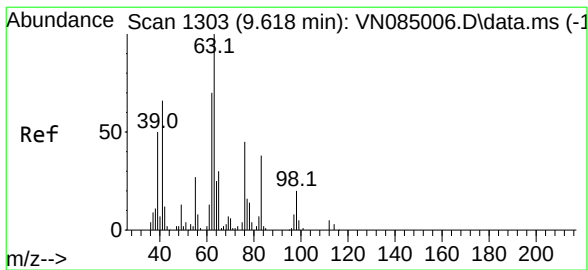
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#44
Trichloroethene
Concen: 48.688 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

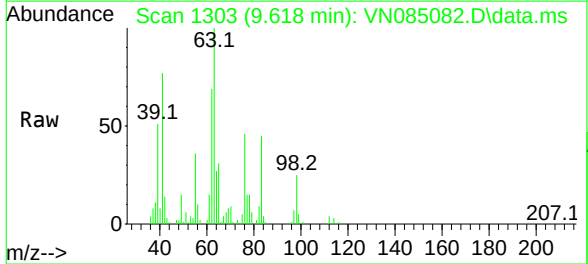
Tgt Ion:130 Resp: 87140
Ion Ratio Lower Upper
130 100
95 103.5 0.0 213.4





#45
1,2-Dichloropropane
Concen: 48.502 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

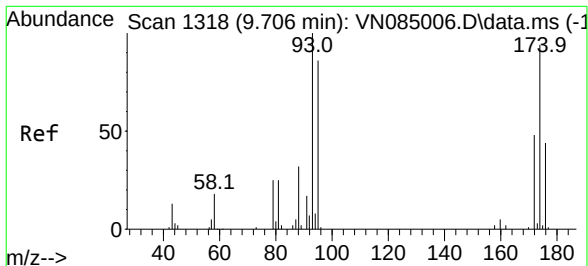
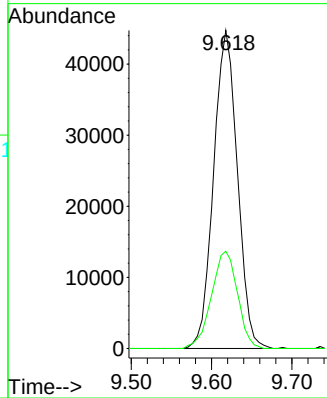
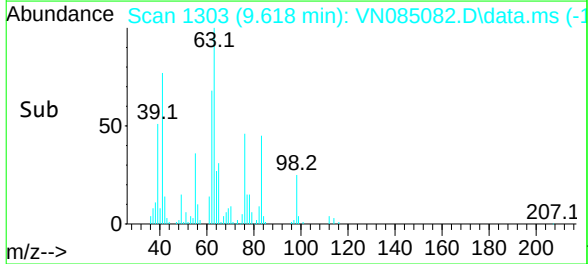
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 92001
Ion Ratio Lower Upper
63 100
65 30.6 24.0 36.0

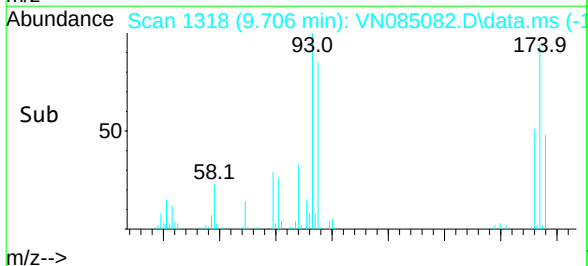
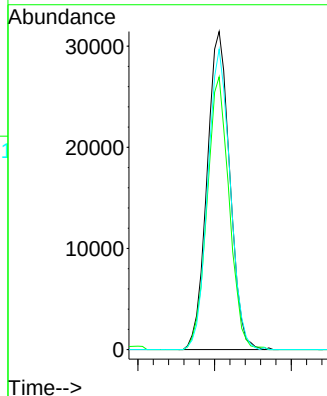
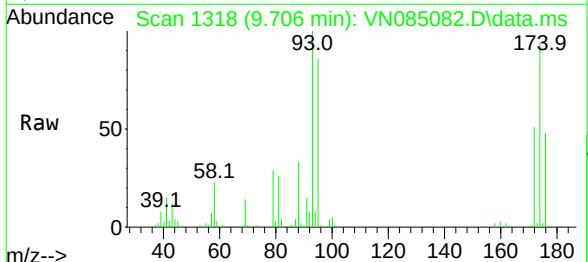
Manual Integrations
APPROVED

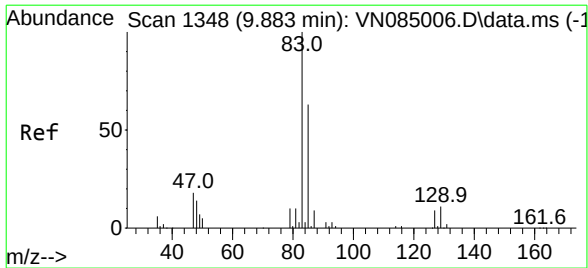
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#46
Dibromomethane
Concen: 49.202 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 93 Resp: 64851
Ion Ratio Lower Upper
93 100
95 83.1 66.2 99.4
174 92.8 74.9 112.3





#47
 Bromodichloromethane
 Concen: 49.335 ug/l
 RT: 9.882 min Scan# 1348
 Delta R.T. -0.000 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

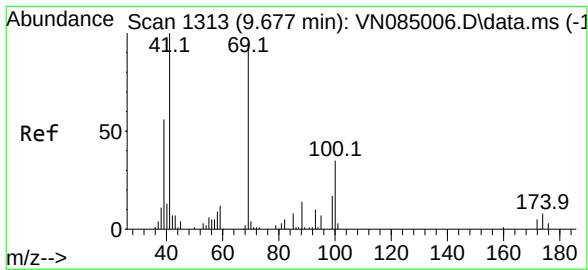
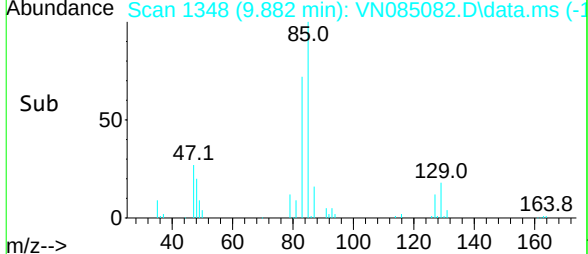
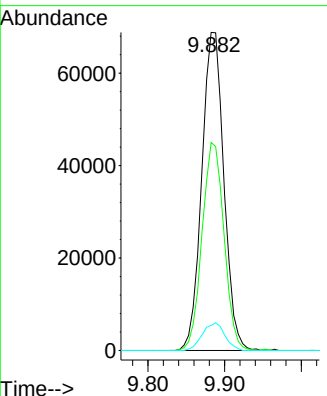
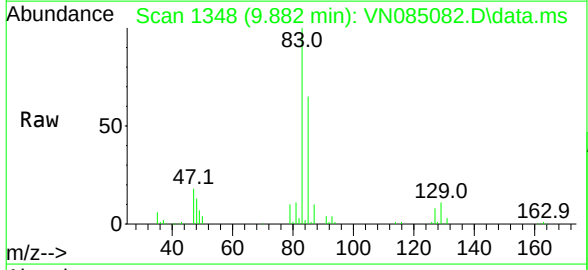
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	137820
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.5	75.7
127	7.9	7.1	10.7

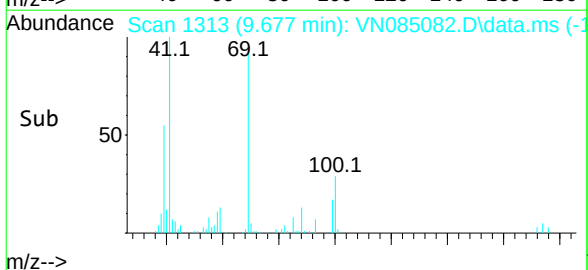
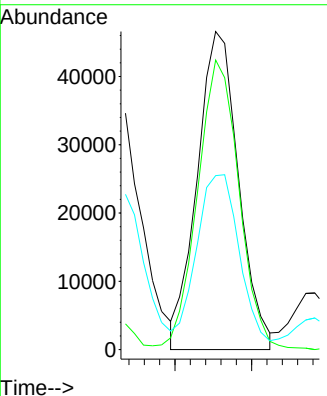
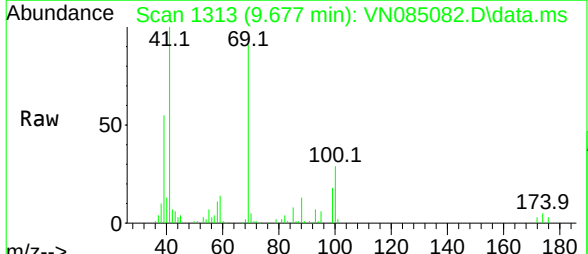
Manual Integrations
 APPROVED

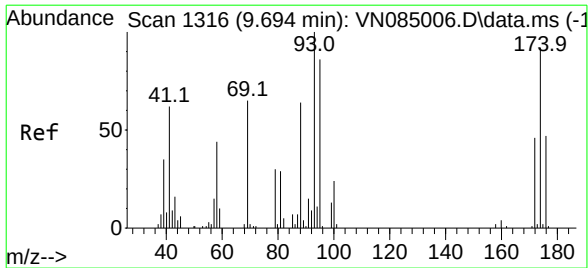
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024



#48
 Methyl methacrylate
 Concen: 51.030 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14

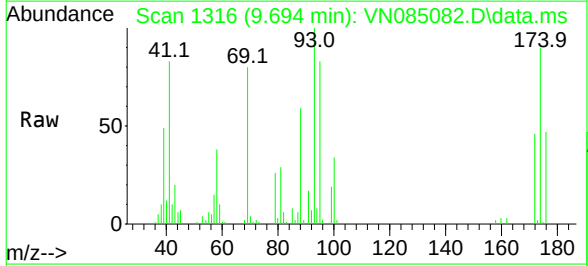
Tgt Ion:	41	Resp:	87316
Ion	Ratio	Lower	Upper
41	100		
69	91.4	73.2	109.8
39	58.0	46.2	69.4





#49
1,4-Dioxane
Concen: 1025.272 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

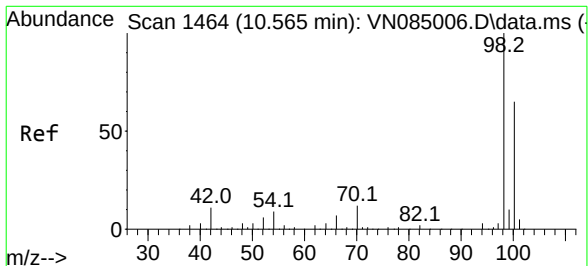
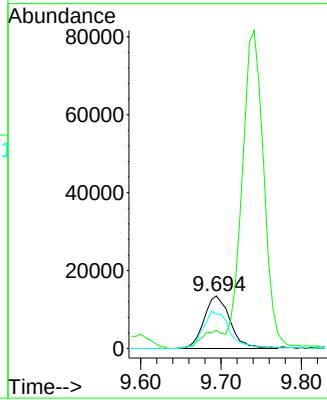
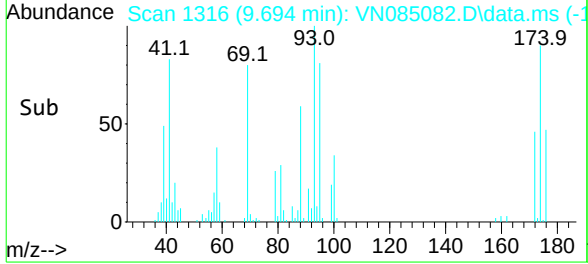
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 30423
Ion Ratio Lower Upper
88 100
43 0.0 16.7 25.1#
58 73.4 56.5 84.7

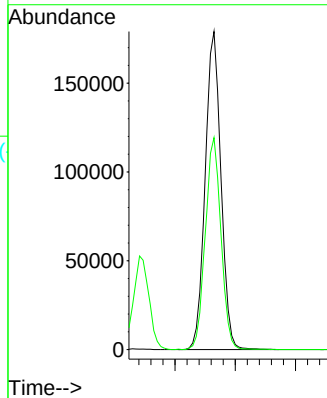
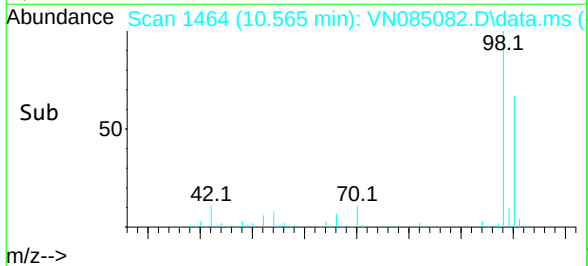
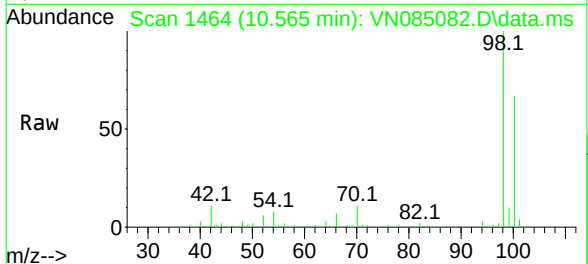
Manual Integrations
APPROVED

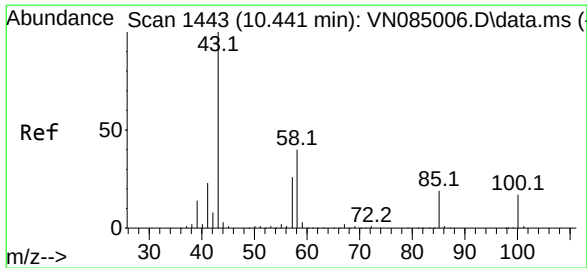
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#50
Toluene-d8
Concen: 50.459 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 98 Resp: 325082
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7





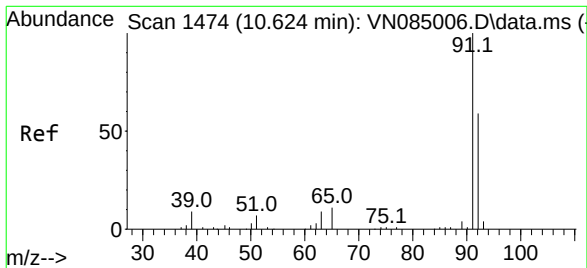
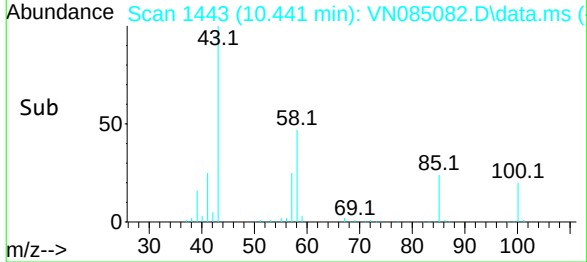
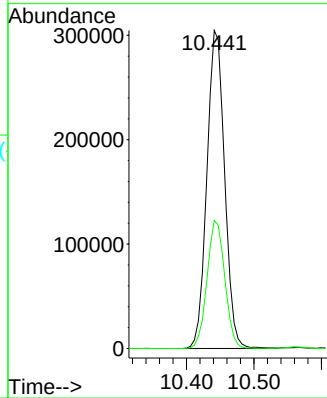
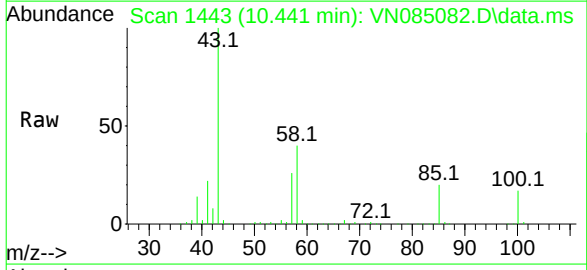
#51
4-Methyl-2-Pentanone
Concen: 264.955 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 556464
Ion Ratio Lower Upper
43 100
58 40.3 32.1 48.1

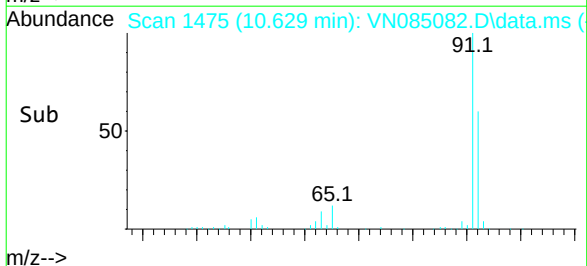
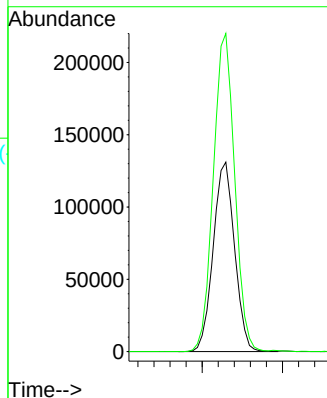
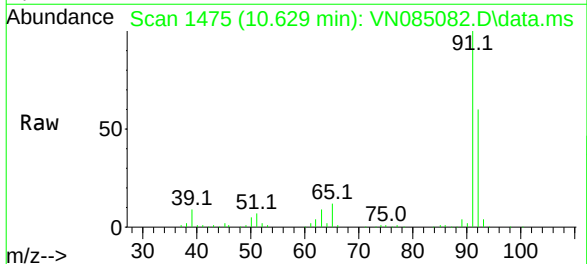
Manual Integrations
APPROVED

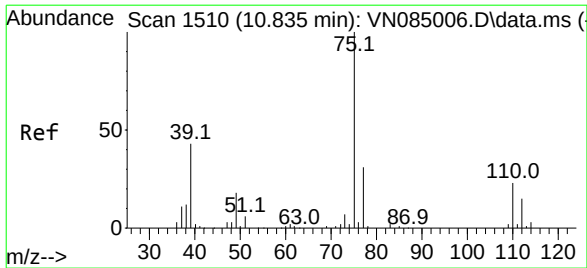
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#52
Toluene
Concen: 53.075 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

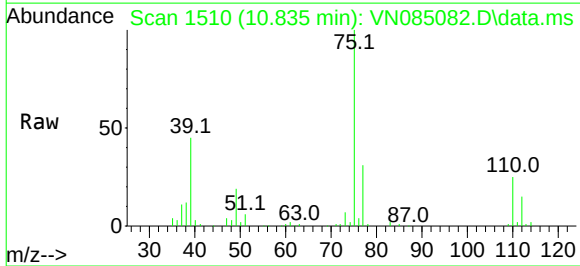
Tgt Ion: 92 Resp: 241981
Ion Ratio Lower Upper
92 100
91 167.7 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 49.367 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14

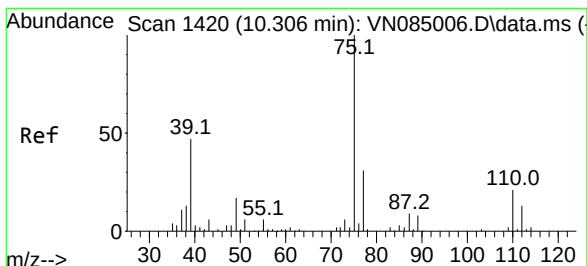
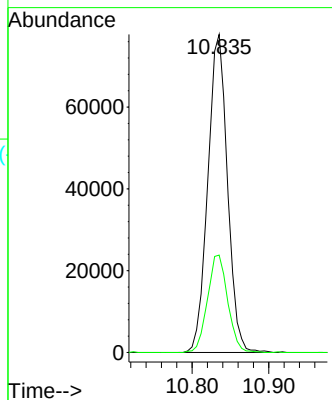
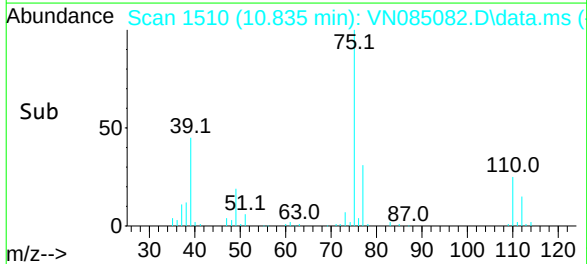
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



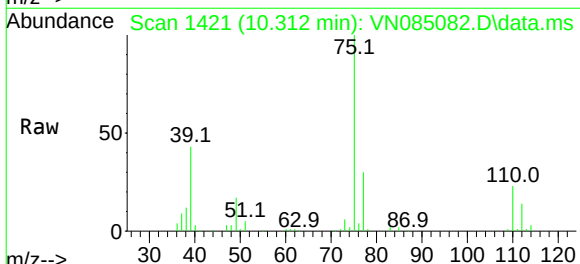
Tgt Ion: 75 Resp: 138262
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4

Manual Integrations
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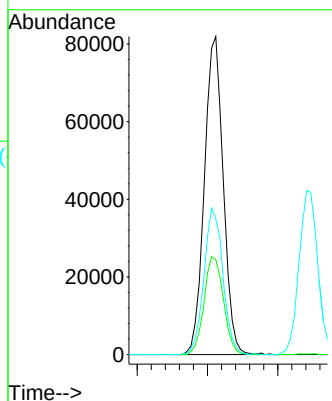
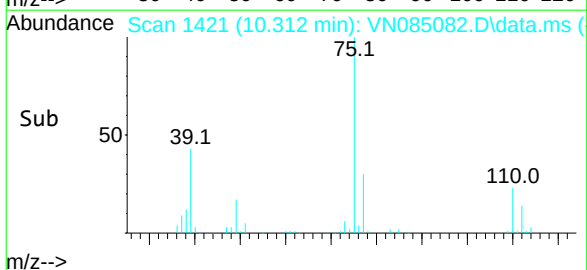
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024

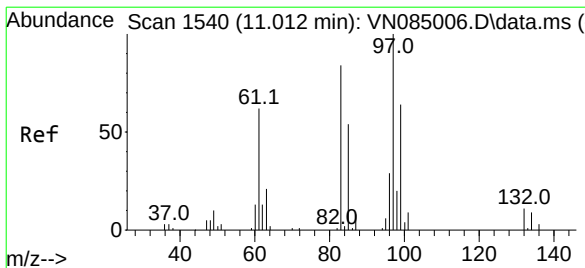


#54
 cis-1,3-Dichloropropene
 Concen: 51.366 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085082.D
 Acq: 03 Dec 2024 17:14



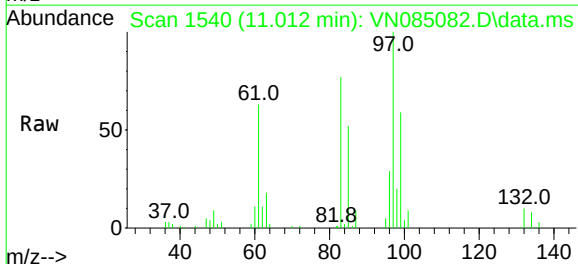
Tgt Ion: 75 Resp: 152618
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.0 37.4
 39 42.7 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 51.573 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

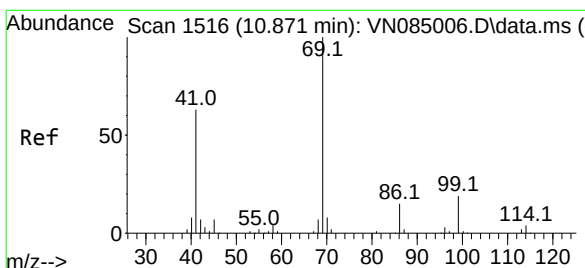
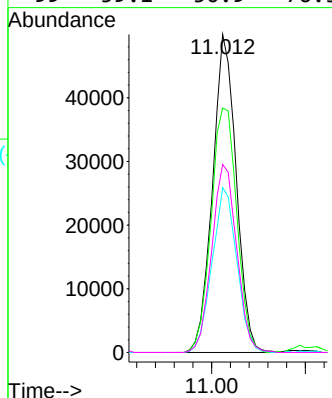
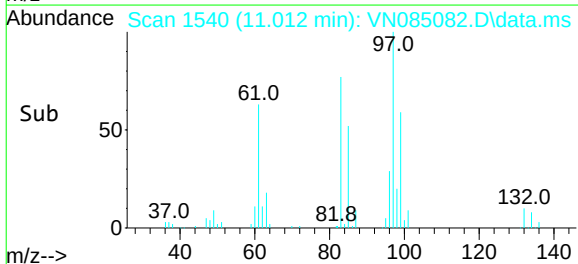
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.9	67.4	101.2
85	51.8	43.1	64.7
99	59.1	50.9	76.3

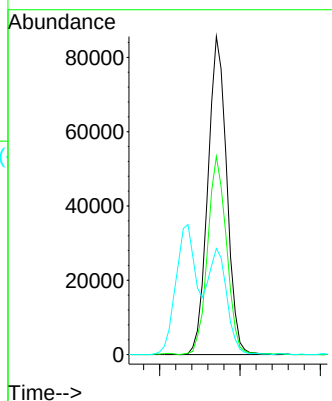
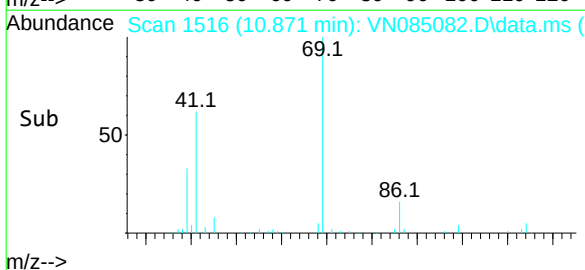
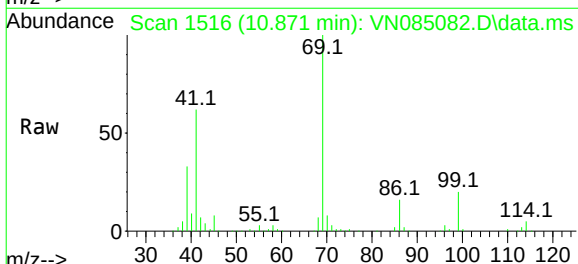
Manual Integrations
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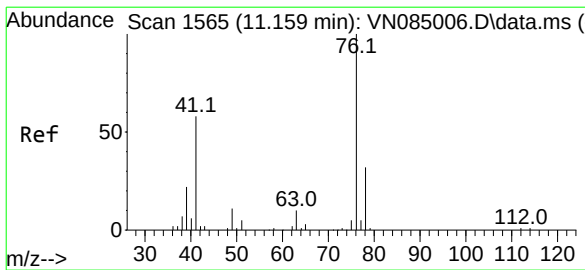
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#56
Ethyl methacrylate
Concen: 56.511 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

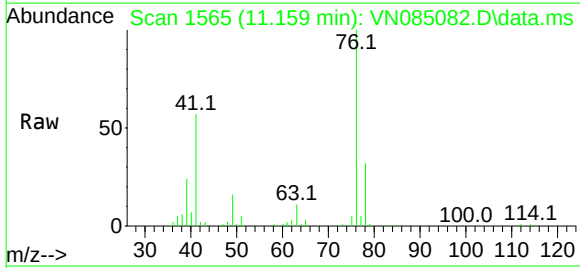
Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.3	50.0	75.0
39	33.1	27.0	40.6





#57
1,3-Dichloropropane
Concen: 50.767 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

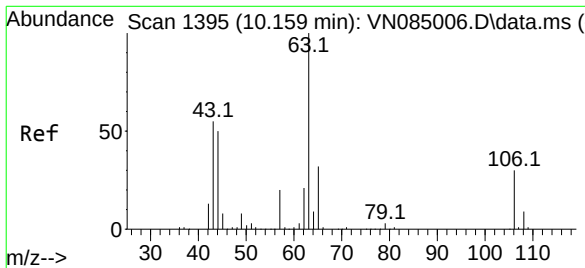
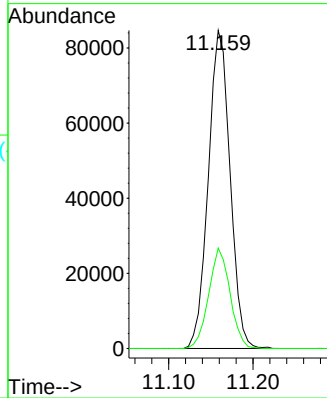
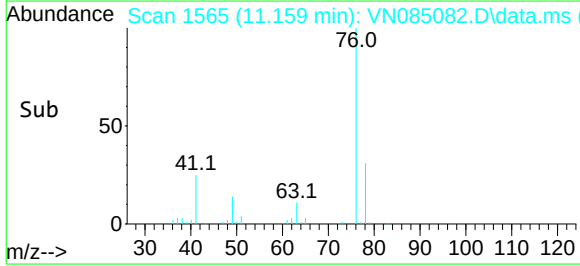
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 151735
Ion Ratio Lower Upper
76 100
78 31.0 26.1 39.1

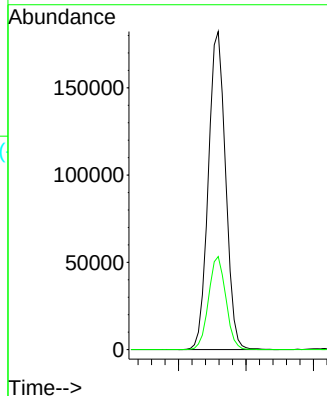
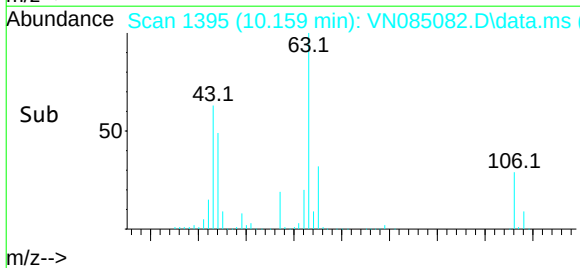
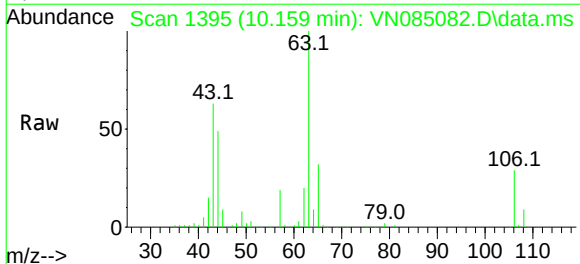
Manual Integrations
APPROVED

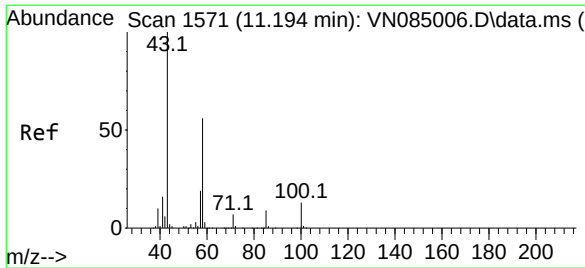
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#58
2-Chloroethyl Vinyl ether
Concen: 265.605 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 63 Resp: 323305
Ion Ratio Lower Upper
63 100
106 29.2 23.0 34.6





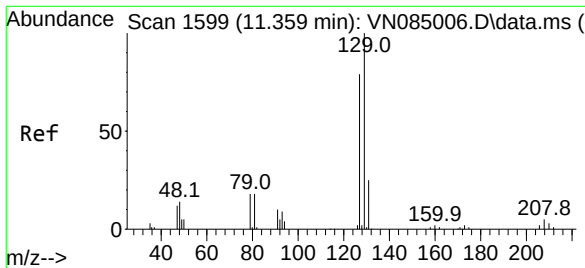
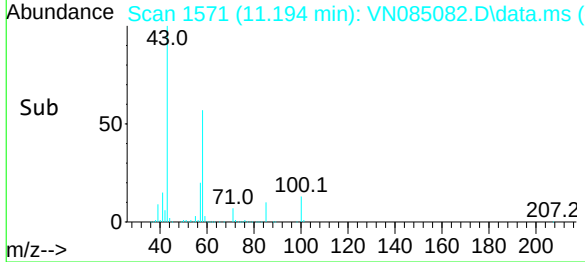
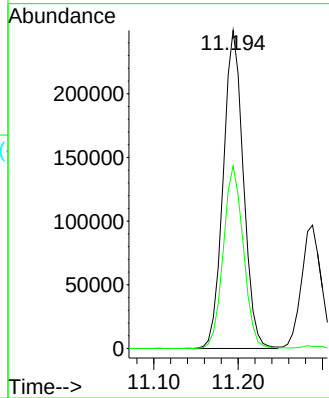
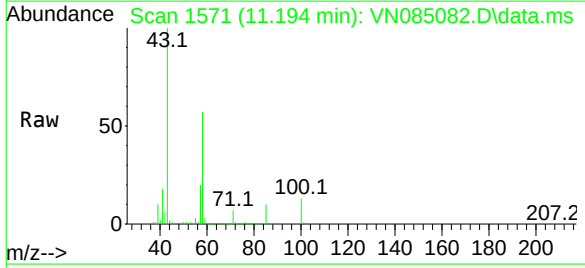
#59
2-Hexanone
Concen: 263.414 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 413761
Ion Ratio Lower Upper
43 100
58 57.1 28.3 85.0

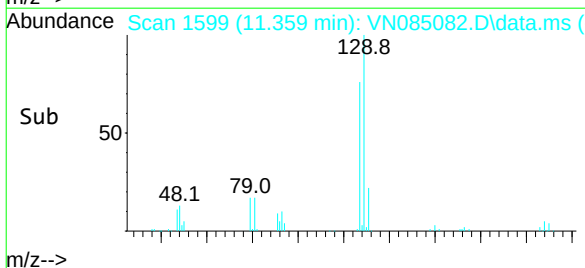
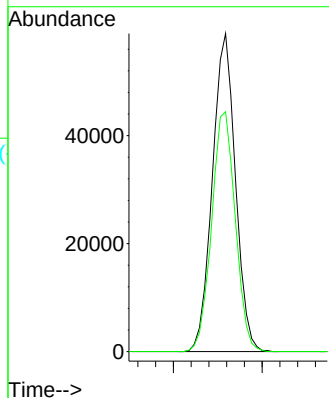
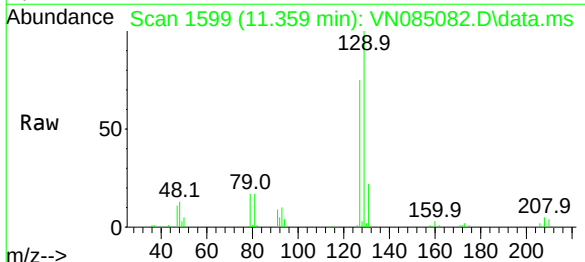
Manual Integrations
APPROVED

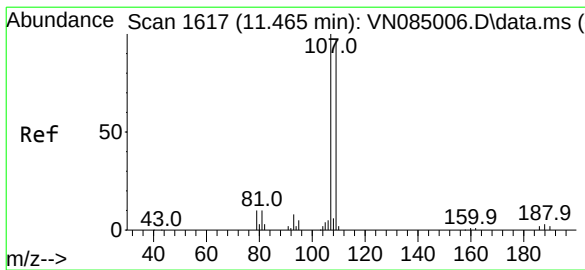
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#60
Dibromochloromethane
Concen: 51.145 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion:129 Resp: 106148
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





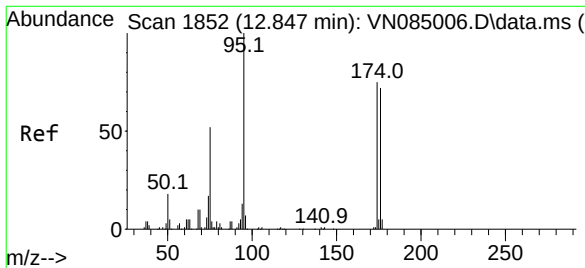
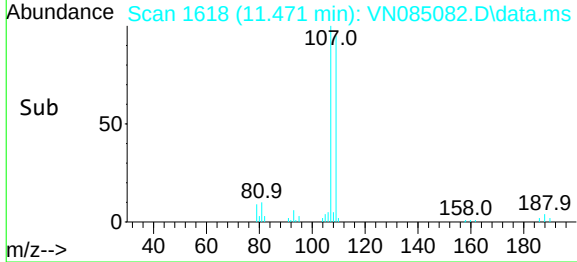
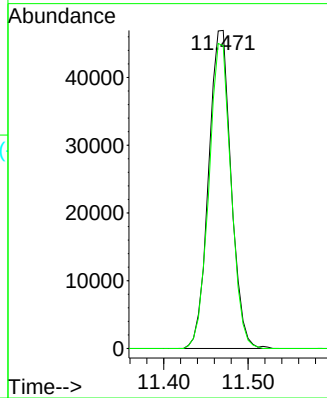
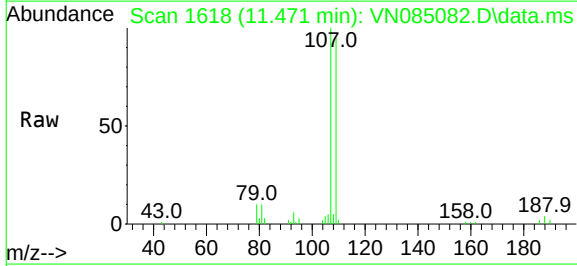
#61
1,2-Dibromoethane
Concen: 49.568 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 87116
Ion Ratio Lower Upper
107 100
109 94.4 76.1 114.1

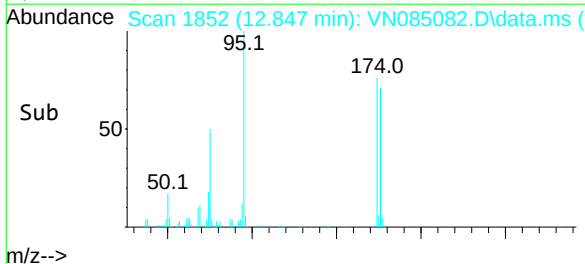
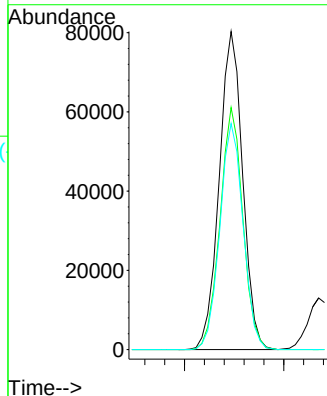
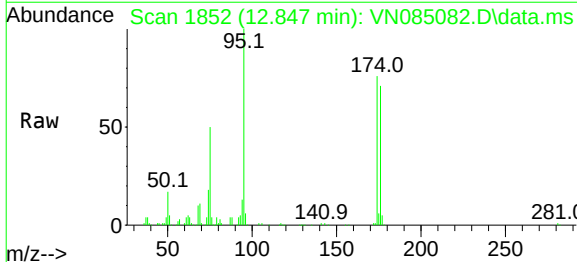
Manual Integrations
APPROVED

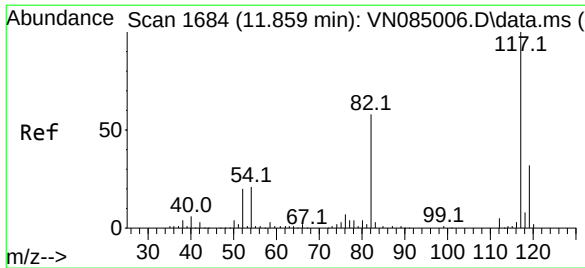
Reviewed By : John Carlone 12/04/2024
Supervised By : Mahesh Dadoda 12/04/2024



#62
4-Bromofluorobenzene
Concen: 54.648 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

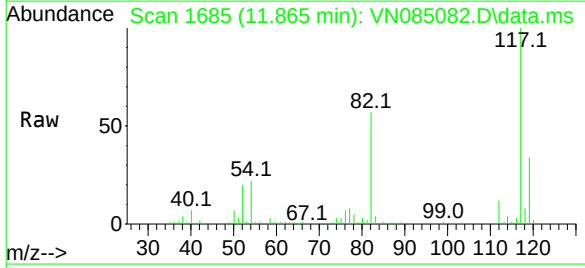
Tgt Ion: 95 Resp: 131664
Ion Ratio Lower Upper
95 100
174 74.1 0.0 146.6
176 70.5 0.0 141.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

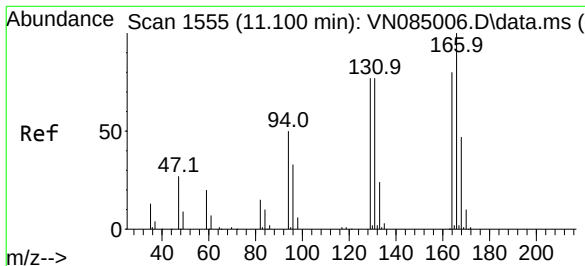
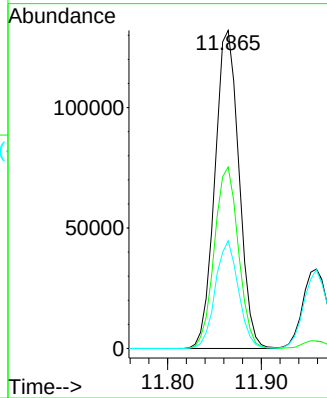
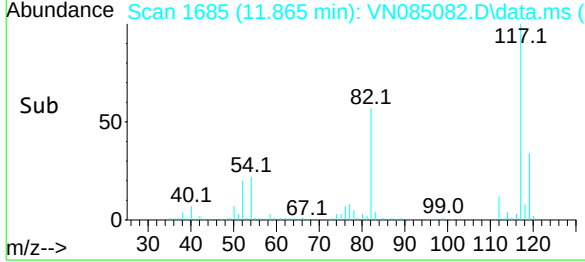
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 235745
Ion Ratio Lower Upper
117 100
82 57.1 46.0 69.0
119 33.9 25.6 38.4

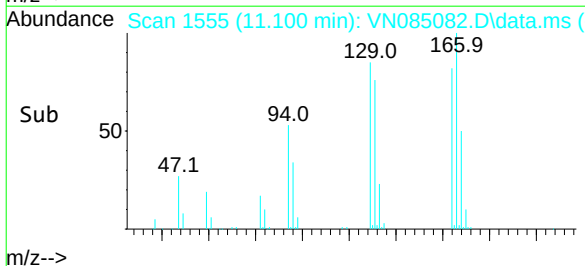
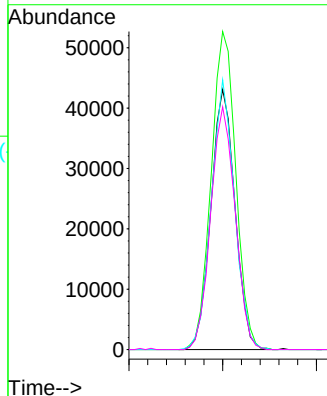
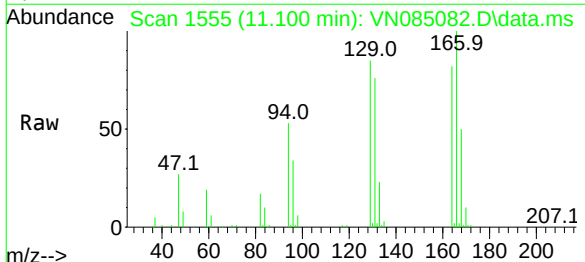
Manual Integrations
APPROVED

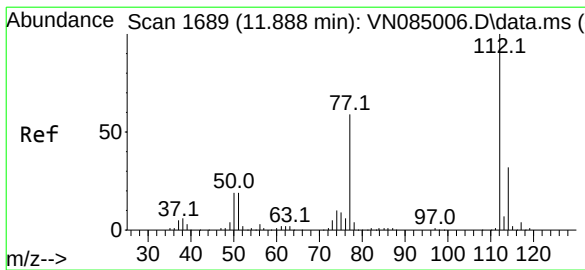
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#64
Tetrachloroethene
Concen: 48.385 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion:164 Resp: 76861
Ion Ratio Lower Upper
164 100
166 122.3 100.6 151.0
129 103.7 77.7 116.5
131 93.4 77.2 115.8





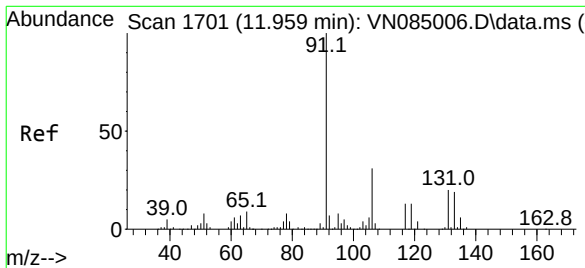
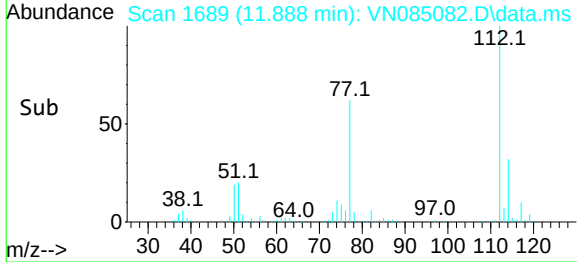
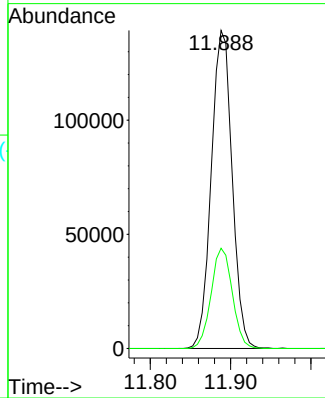
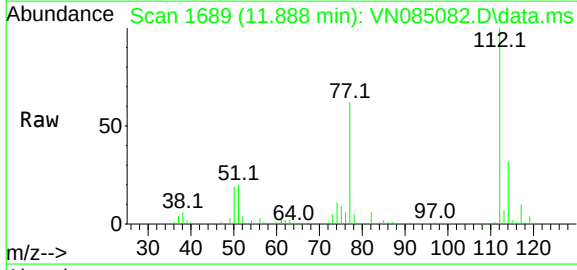
#65
Chlorobenzene
Concen: 47.005 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 251311
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

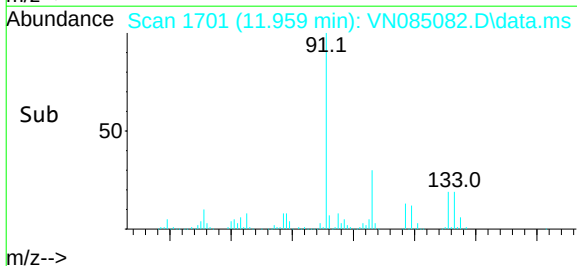
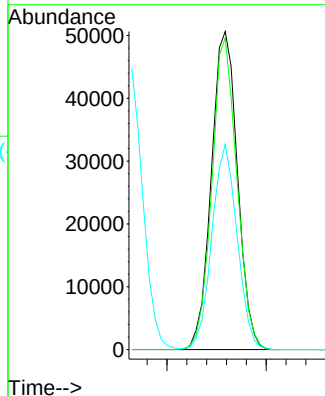
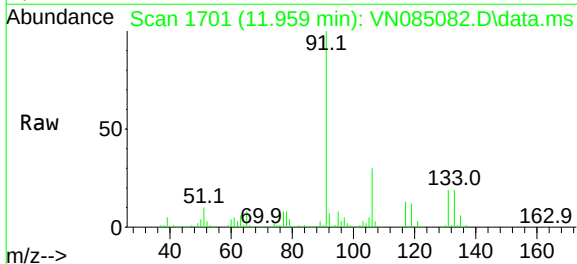
Manual Integrations
APPROVED

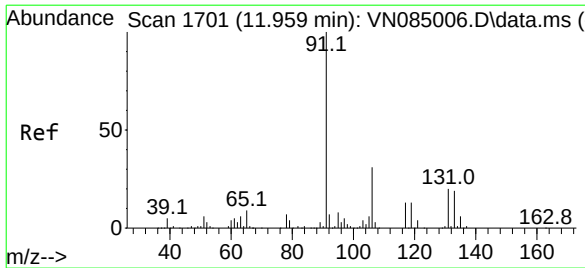
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.195 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion:131 Resp: 92604
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.4
119 62.5 32.1 96.3





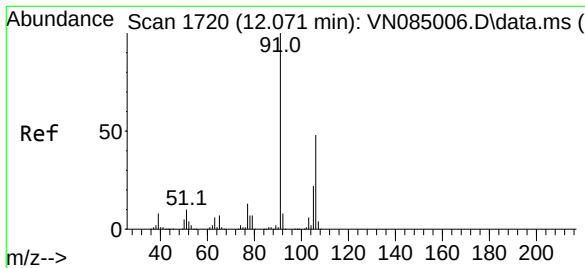
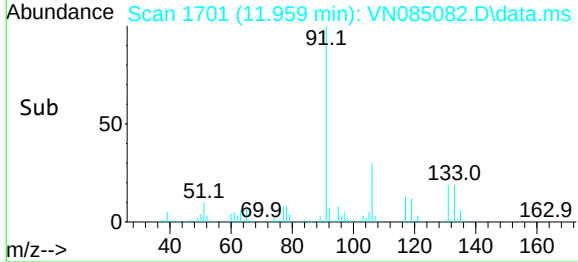
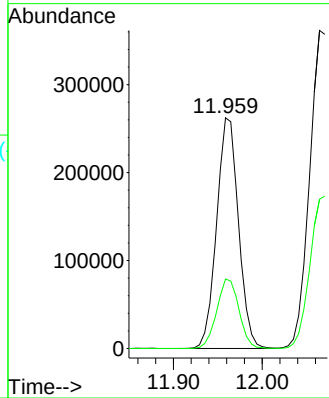
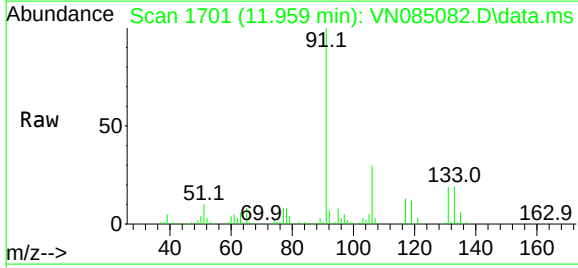
#67
Ethyl Benzene
Concen: 51.710 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 448530
Ion Ratio Lower Upper
91 100
106 30.1 24.7 37.1

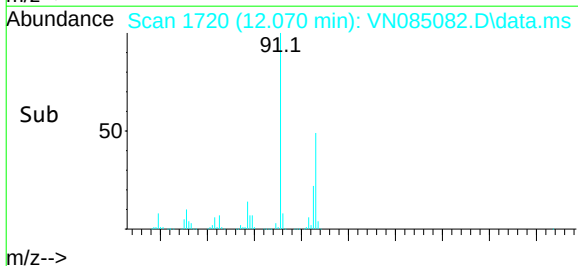
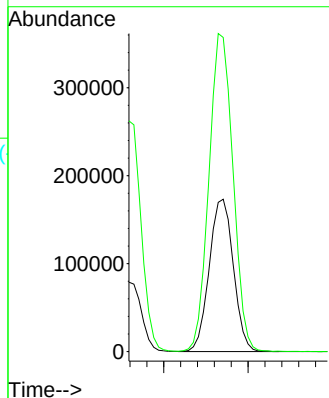
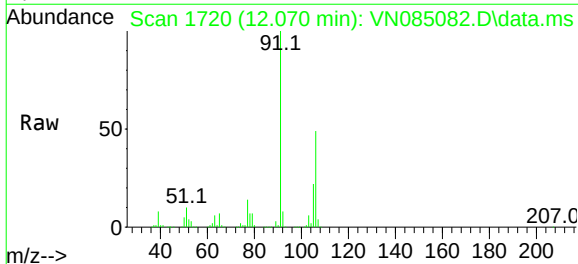
Manual Integrations
APPROVED

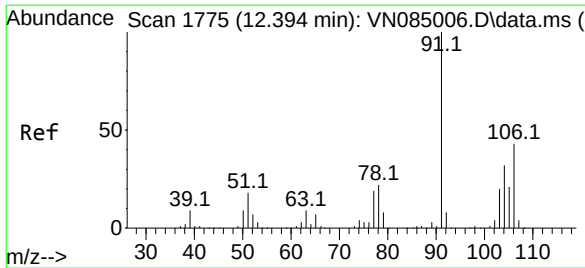
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#68
m/p-Xylenes
Concen: 104.322 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion:106 Resp: 344506
Ion Ratio Lower Upper
106 100
91 208.3 168.0 252.0





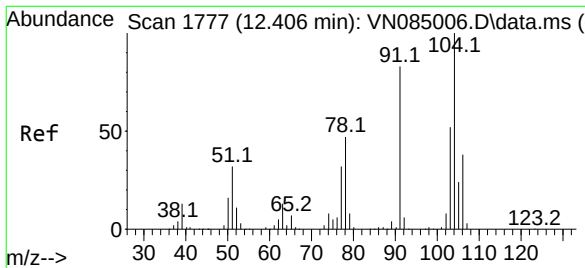
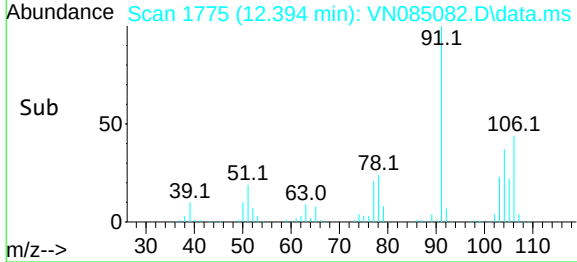
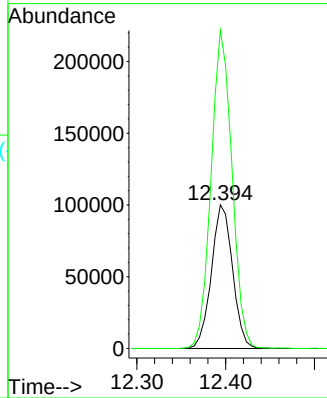
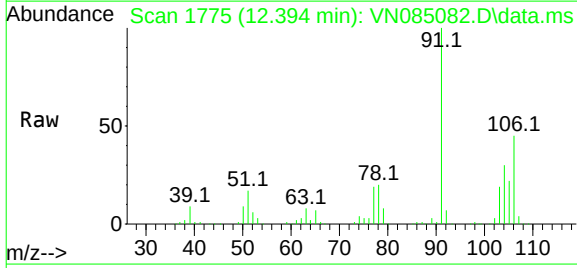
#69
o-Xylene
Concen: 52.784 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 165811
Ion Ratio Lower Upper
106 100
91 218.9 110.7 331.9

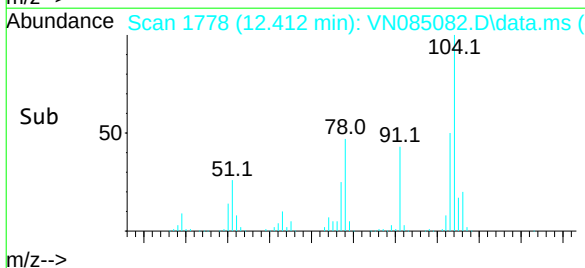
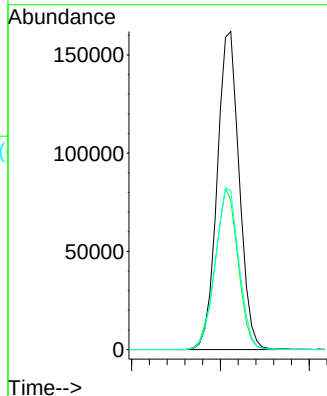
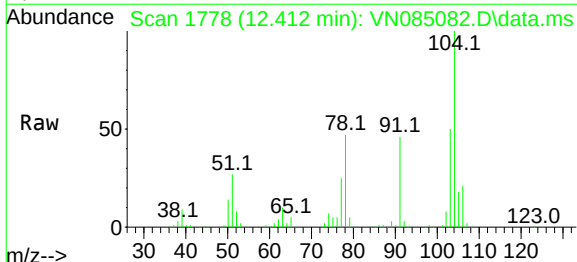
Manual Integrations
APPROVED

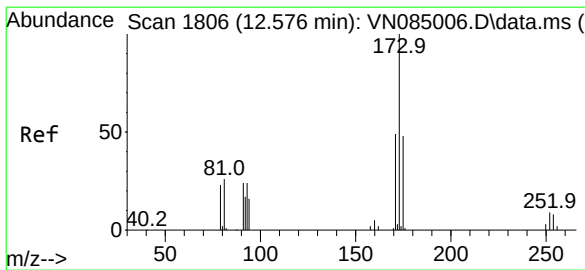
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#70
Styrene
Concen: 53.524 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion:104 Resp: 279605
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 54.1 44.2 66.2





#71

Bromoform

Concen: 49.646 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

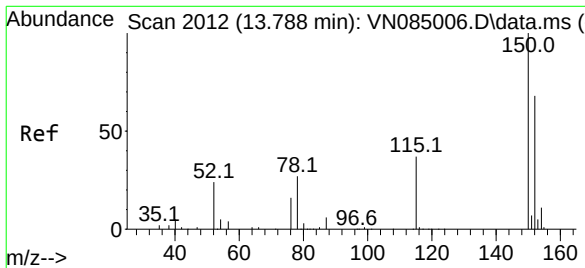
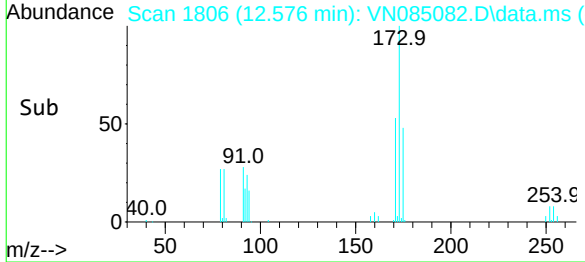
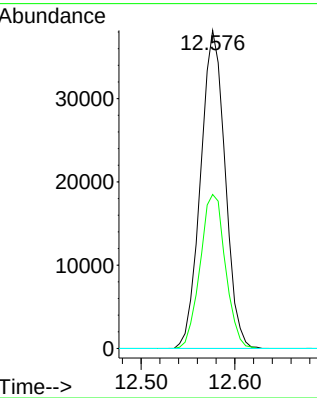
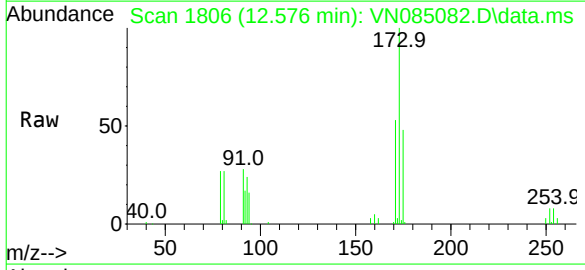
Tgt Ion:	173	Resp:	69369
Ion Ratio	Lower	Upper	
173	100		
175	49.9	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

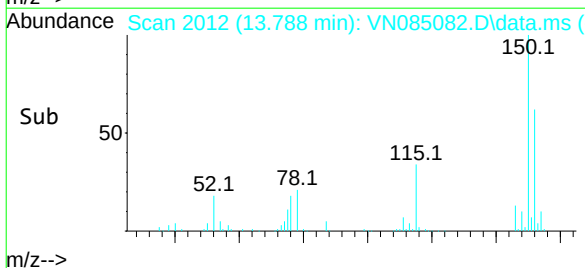
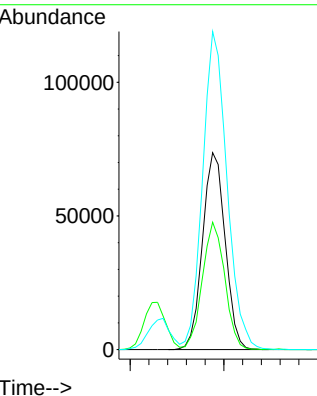
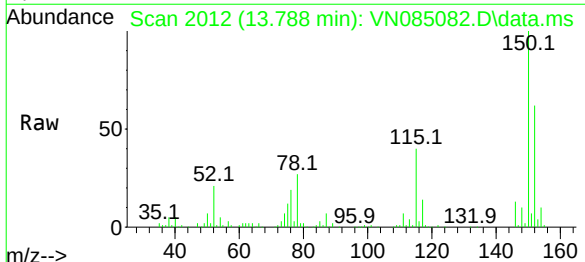
RT: 13.788 min Scan# 2012

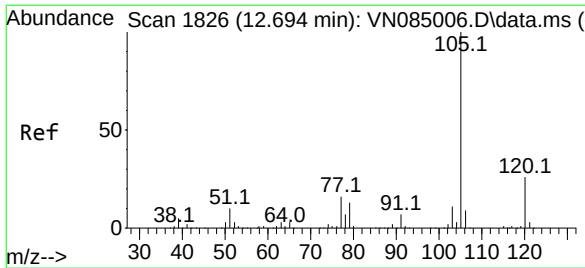
Delta R.T. -0.000 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

Tgt Ion:	152	Resp:	123501
Ion Ratio	Lower	Upper	
152	100		
115	64.0	31.7	95.1
150	174.0	0.0	351.4





#73
Isopropylbenzene
Concen: 48.571 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

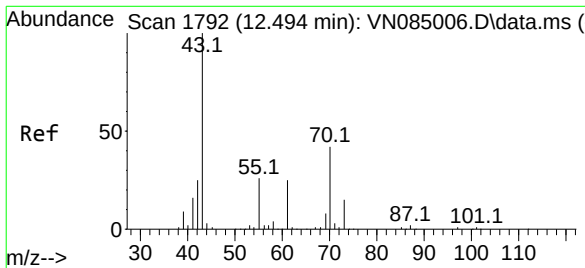
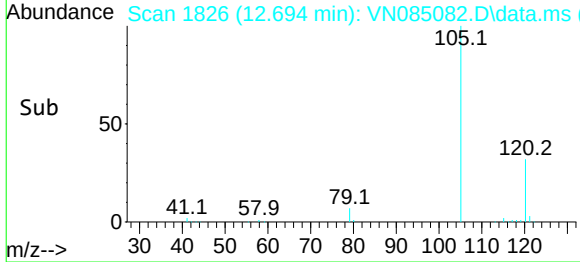
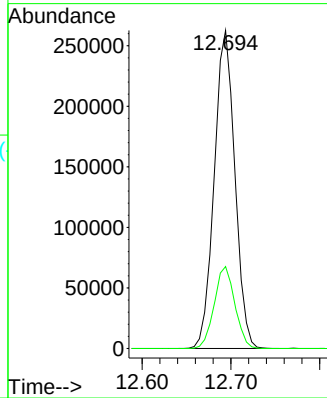
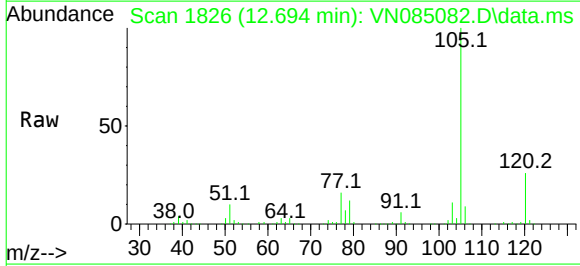
VSTDCCC050EC

Tgt Ion: 105 Resp: 423179
Ion Ratio Lower Upper
105 100
120 25.7 13.0 39.0

Manual Integrations

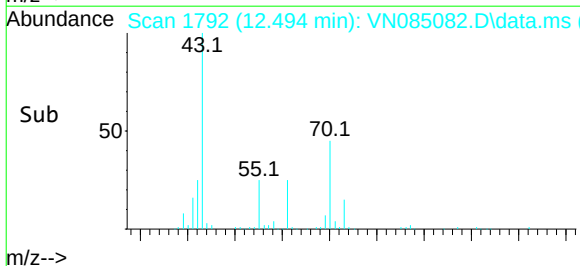
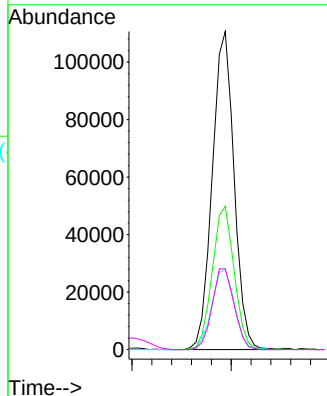
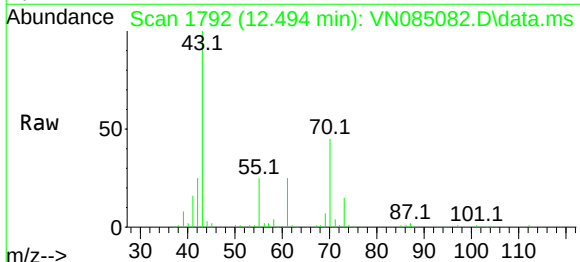
APPROVED

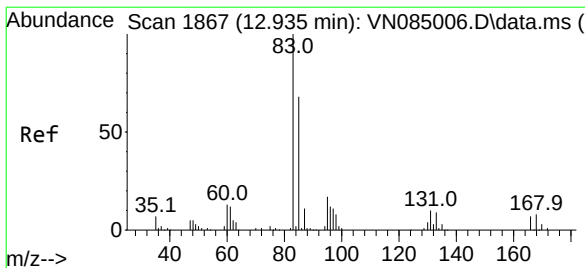
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#74
N-ethyl acetate
Concen: 47.063 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 43 Resp: 168966
Ion Ratio Lower Upper
43 100
70 45.2 34.6 51.8
55 26.3 20.5 30.7
61 25.6 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 42.826 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

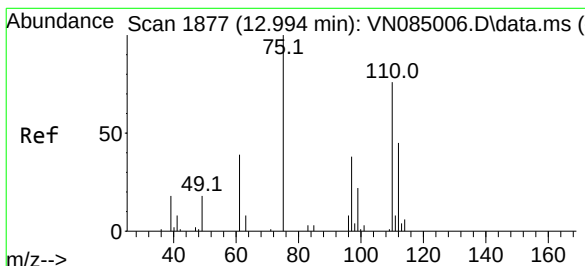
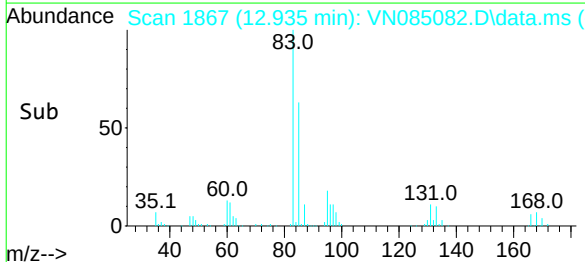
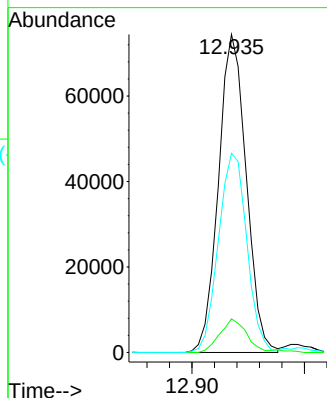
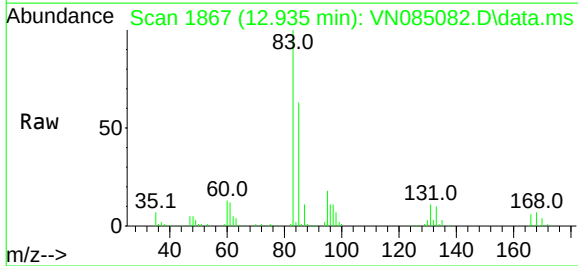
Tgt Ion: 83	Resp: 127412
Ion Ratio	Lower Upper
83 100	
131 10.6	5.1 15.4
85 64.2	32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#76

1,2,3-Trichloropropane

Concen: 45.408 ug/l m

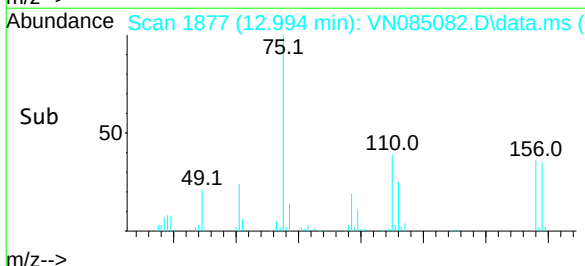
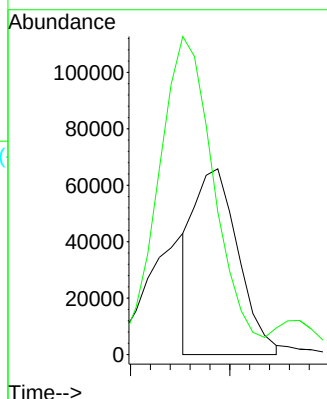
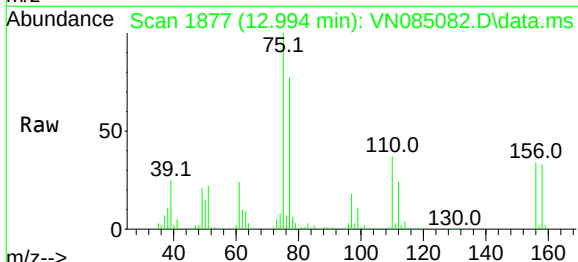
RT: 12.994 min Scan# 1877

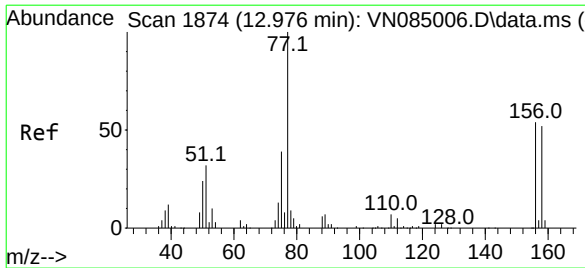
Delta R.T. -0.000 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

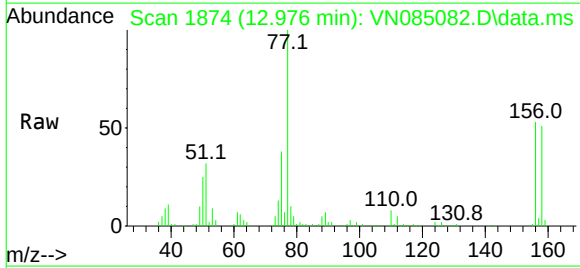
Tgt Ion: 75	Resp: 102004
Ion Ratio	Lower Upper
75 100	
77 218.5	109.1 327.4





#77
Bromobenzene
Concen: 44.758 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

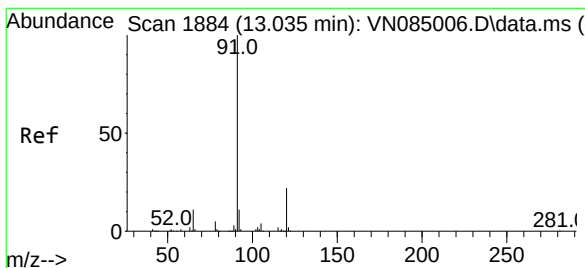
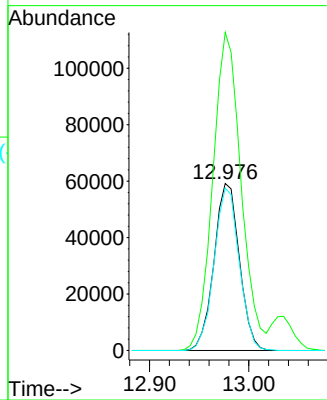
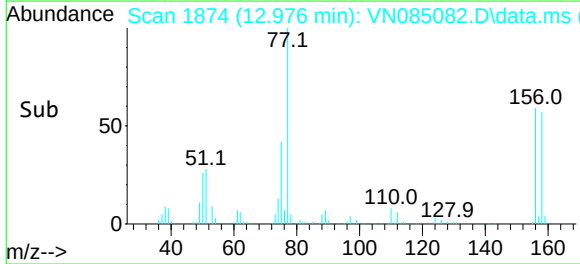
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 104941
Ion Ratio Lower Upper
156 100
77 212.4 107.2 321.6
158 96.4 48.5 145.6

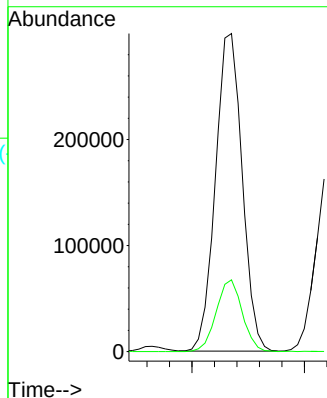
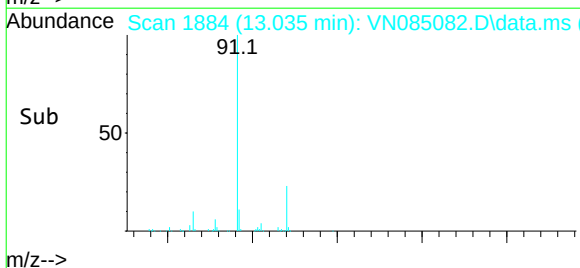
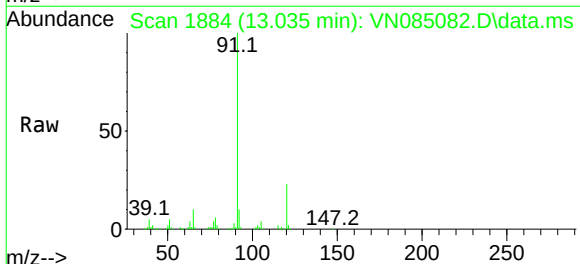
Manual Integrations
APPROVED

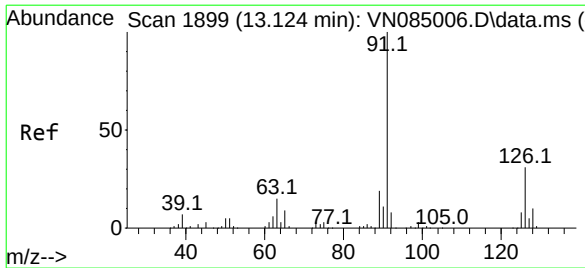
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#78
n-propylbenzene
Concen: 49.204 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 91 Resp: 494462
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9





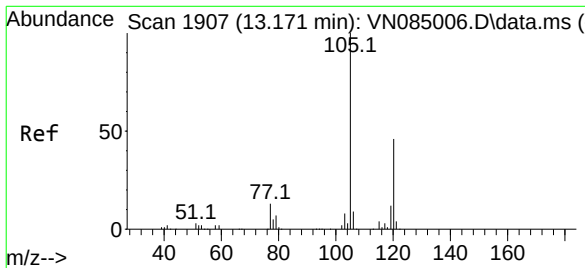
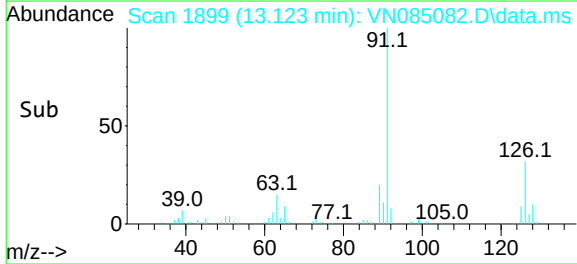
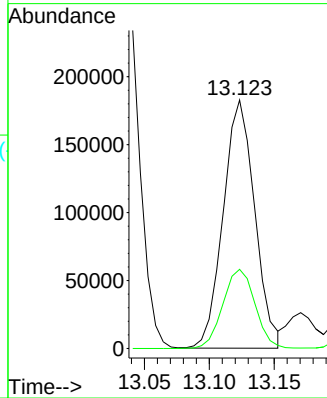
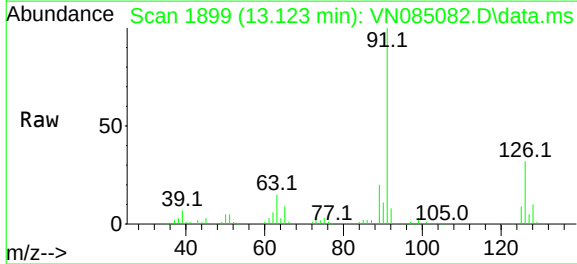
#79
2-Chlorotoluene
Concen: 46.082 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 309129
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3

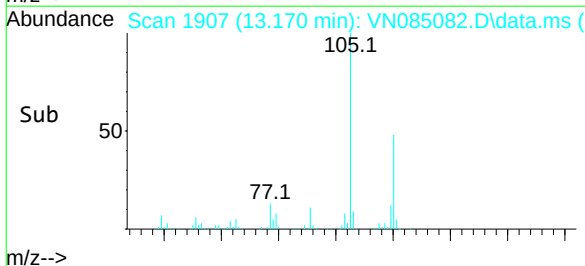
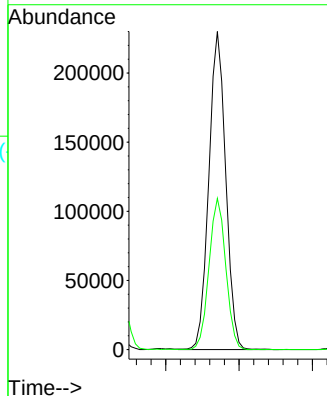
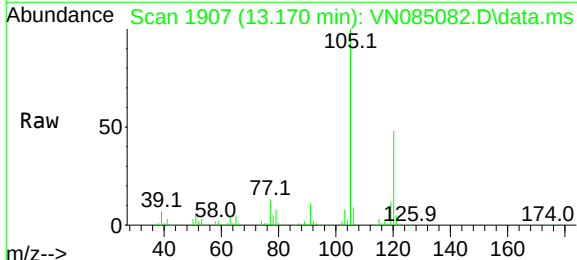
Manual Integrations
APPROVED

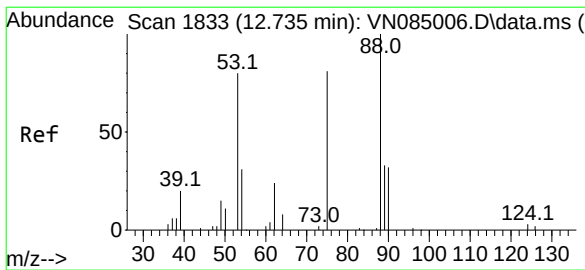
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.284 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion:105 Resp: 367625
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





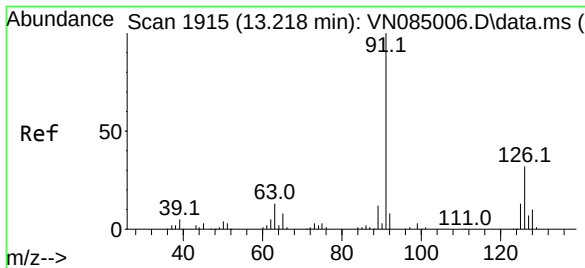
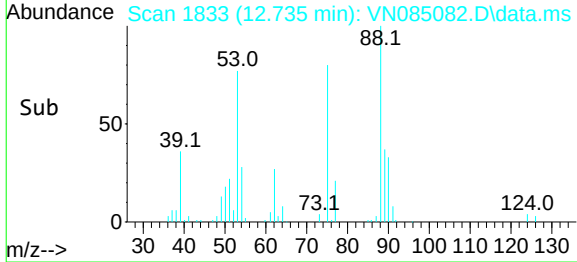
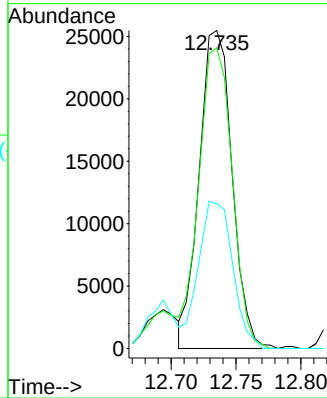
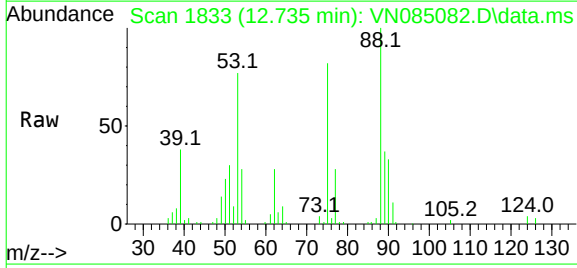
#81
trans-1,4-Dichloro-2-butene
Concen: 44.152 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 44928
Ion Ratio Lower Upper
75 100
53 107.2 78.2 117.4
89 48.5 37.9 56.9

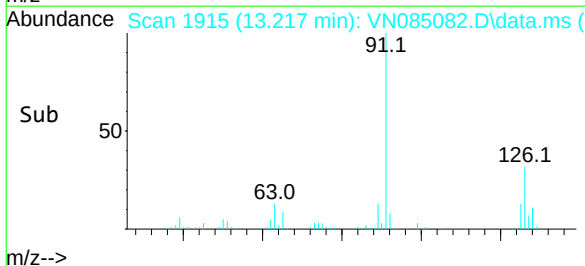
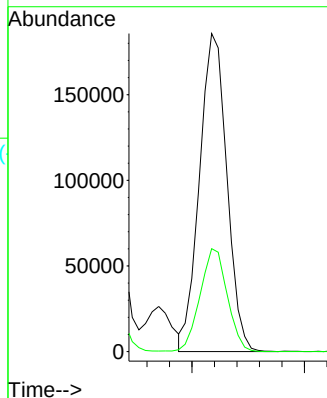
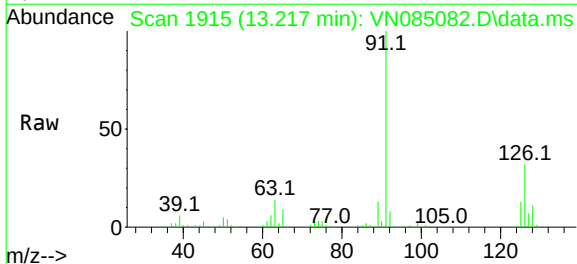
Manual Integrations
APPROVED

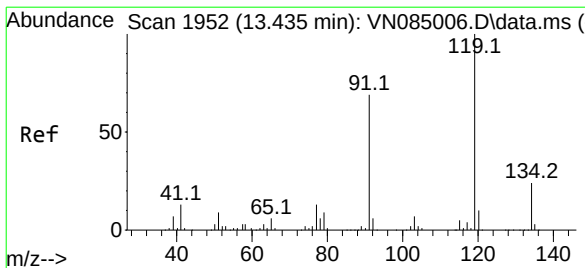
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#82
4-Chlorotoluene
Concen: 44.950 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 91 Resp: 313905
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.3





#83
tert-Butylbenzene
Concen: 48.164 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

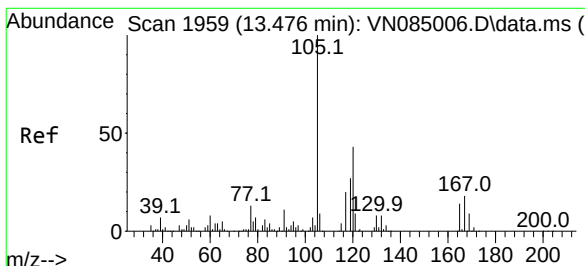
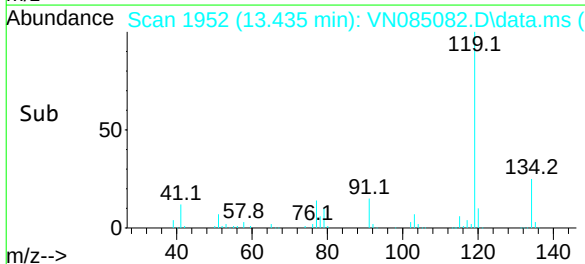
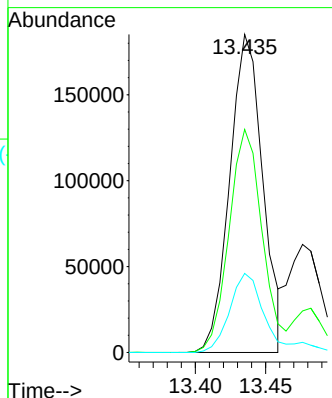
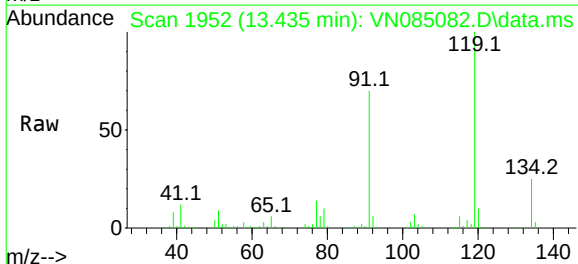
ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 302974
Ion Ratio Lower Upper
119 100
91 70.7 35.1 105.5
134 27.2 12.1 36.3

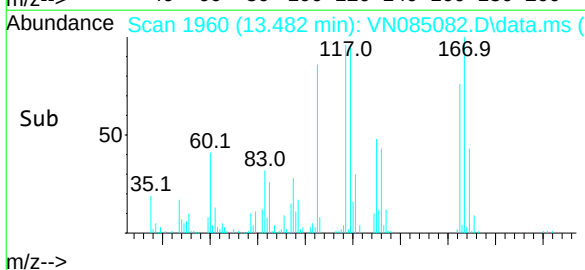
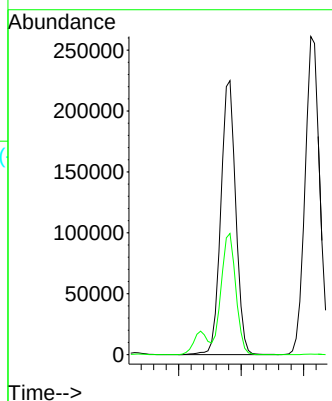
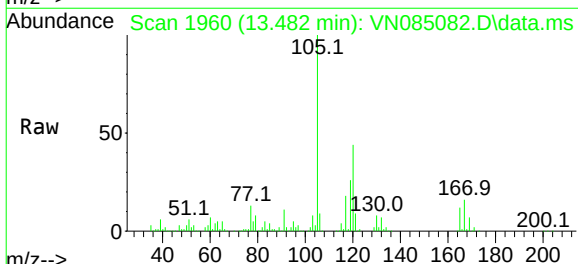
Manual Integrations
APPROVED

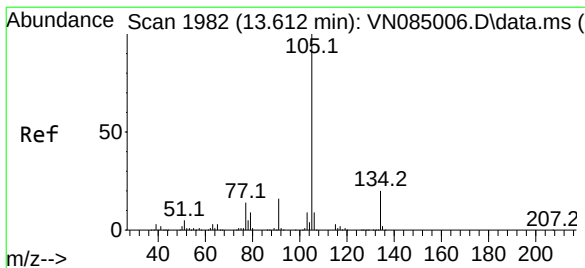
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#84
1,2,4-Trimethylbenzene
Concen: 49.520 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion:105 Resp: 372668
Ion Ratio Lower Upper
105 100
120 43.4 21.8 65.4





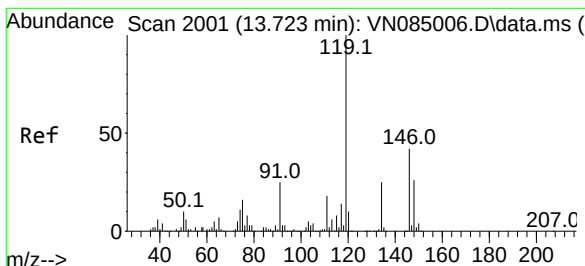
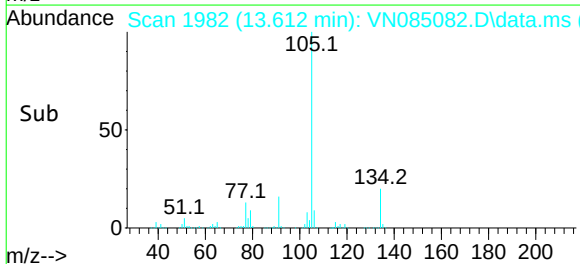
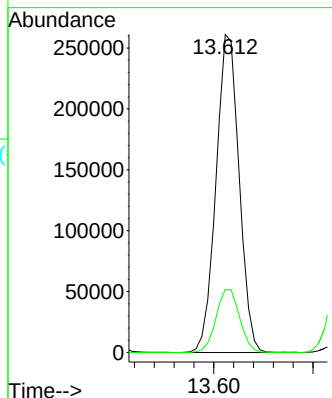
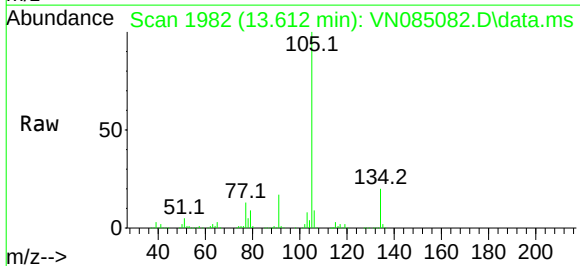
#85
sec-Butylbenzene
Concen: 49.731 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 422594
Ion Ratio Lower Upper
105 100
134 20.2 9.8 29.3

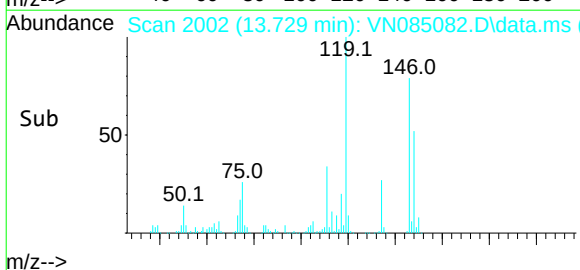
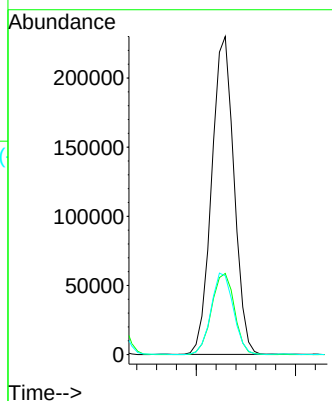
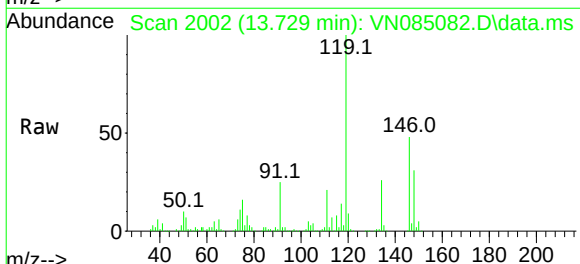
Manual Integrations
APPROVED

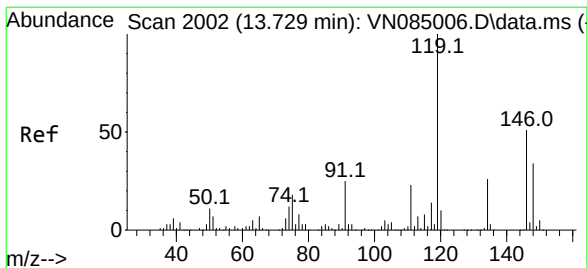
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#86
p-Isopropyltoluene
Concen: 51.211 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

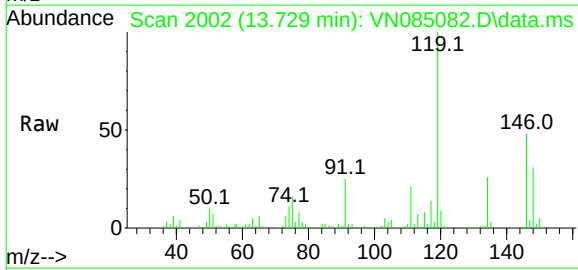
Tgt Ion:119 Resp: 359231
Ion Ratio Lower Upper
119 100
134 26.2 13.0 39.0
91 25.8 12.8 38.4





#87
1,3-Dichlorobenzene
Concen: 41.348 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

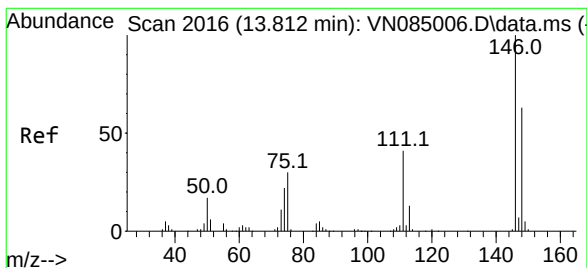
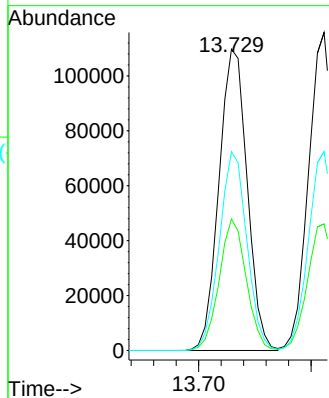
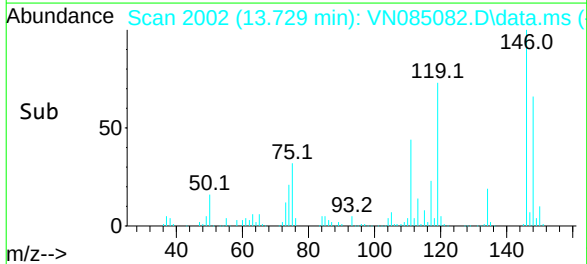
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 191219
Ion Ratio Lower Upper
146 100
111 41.9 21.6 65.0
148 64.4 32.2 96.6

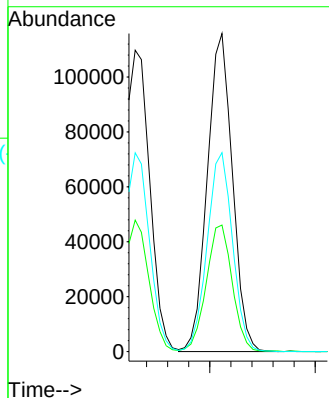
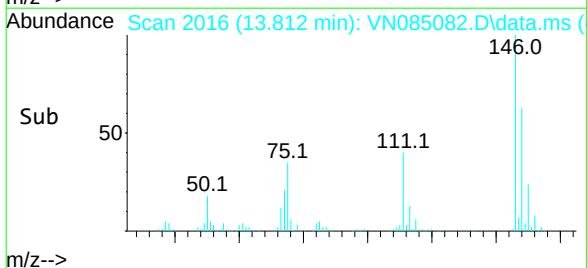
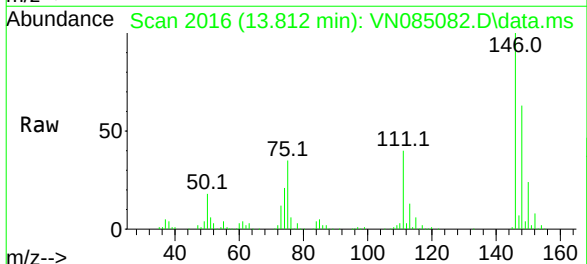
Manual Integrations
APPROVED

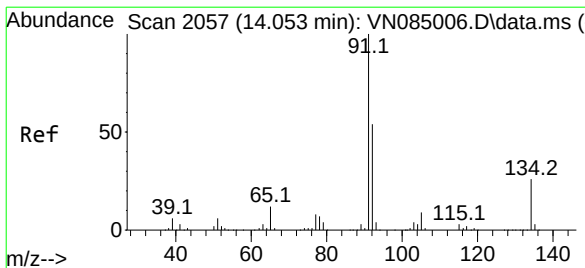
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#88
1,4-Dichlorobenzene
Concen: 40.713 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion:146 Resp: 192138
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.8
148 63.3 31.3 93.9





#89
n-Butylbenzene
Concen: 46.343 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

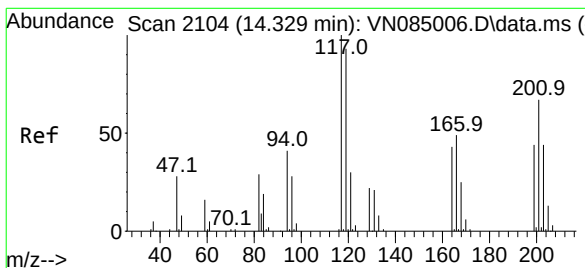
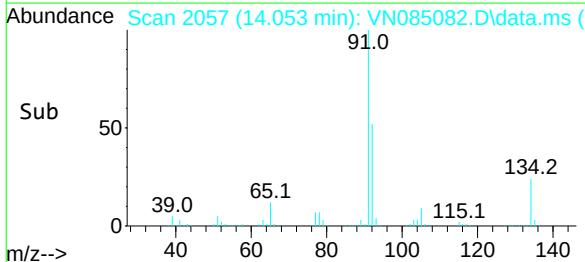
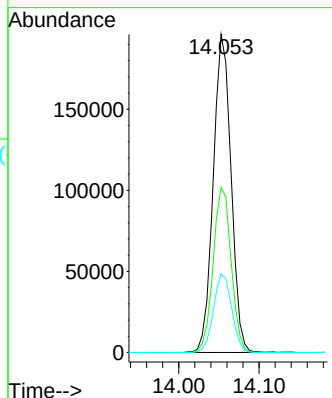
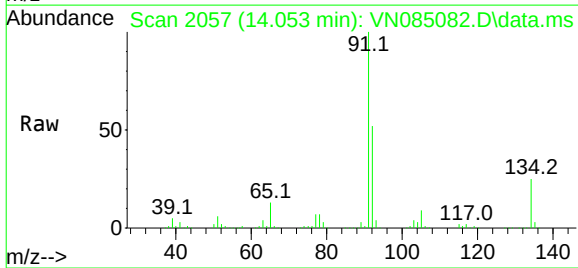
VSTDCCC050EC

Tgt Ion: 91 Resp: 302313
Ion Ratio Lower Upper
91 100
92 52.4 26.8 80.3
134 25.2 12.8 38.4

Manual Integrations

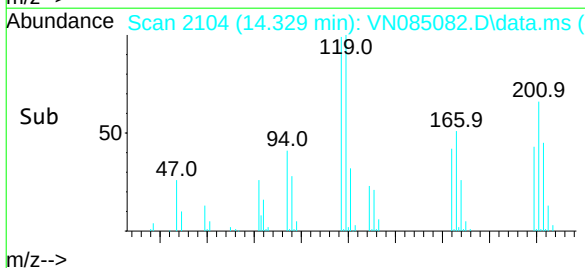
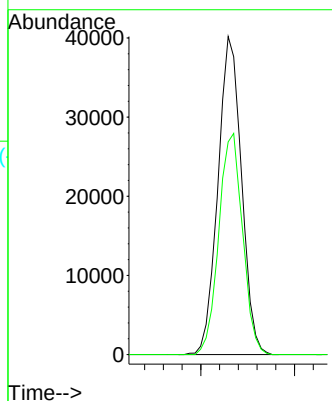
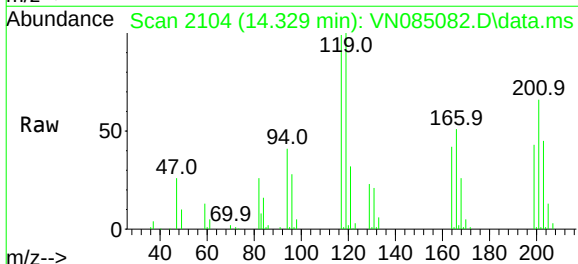
APPROVED

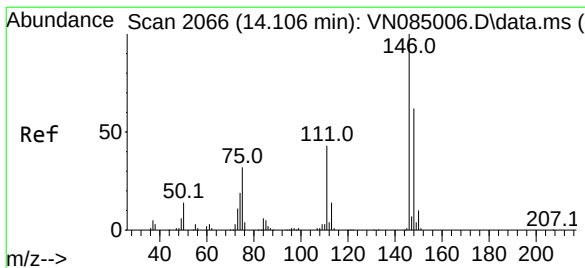
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#90
Hexachloroethane
Concen: 45.987 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion:117 Resp: 70315
Ion Ratio Lower Upper
117 100
201 70.0 35.2 105.6





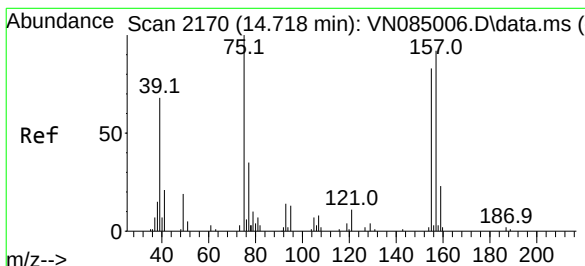
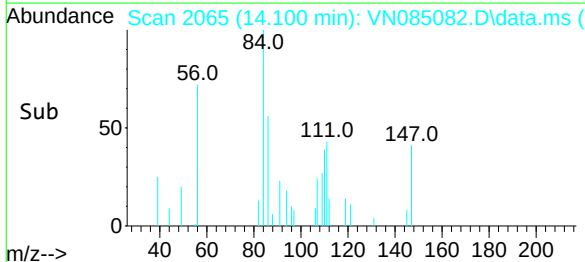
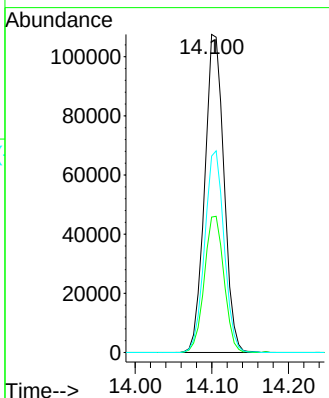
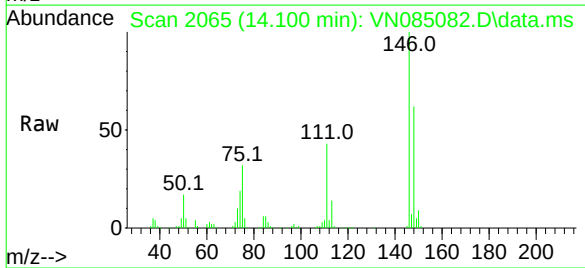
#91
1,2-Dichlorobenzene
Concen: 42.300 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.8
148	64.0	31.1	93.2

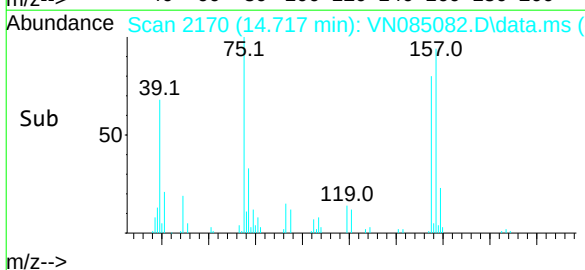
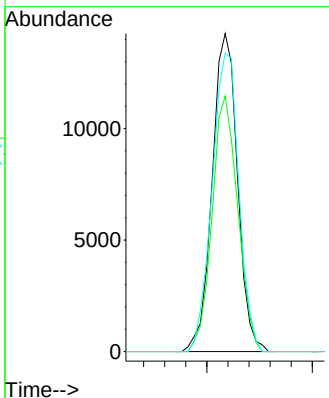
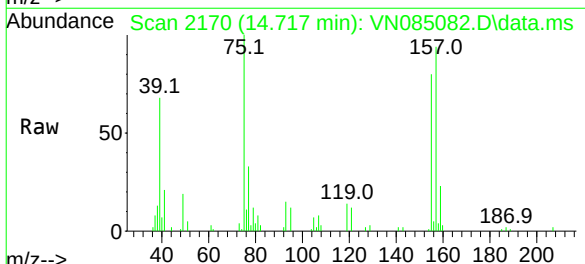
Manual Integrations
APPROVED

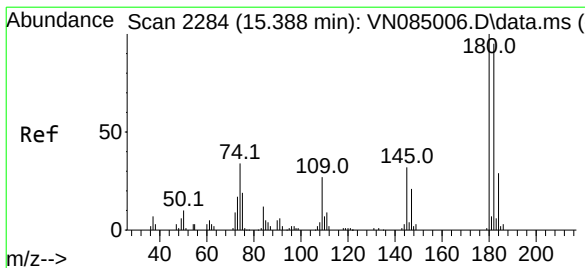
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.270 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085082.D
Acq: 03 Dec 2024 17:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	38.9	116.7
157	99.5	48.3	144.9





#93

1,2,4-Trichlorobenzene

Concen: 37.607 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

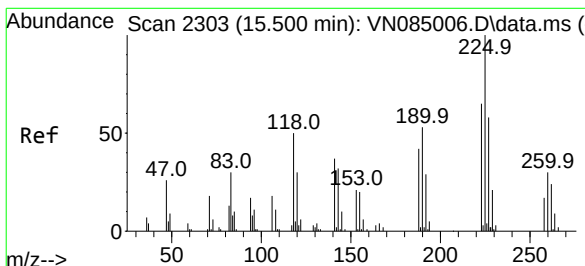
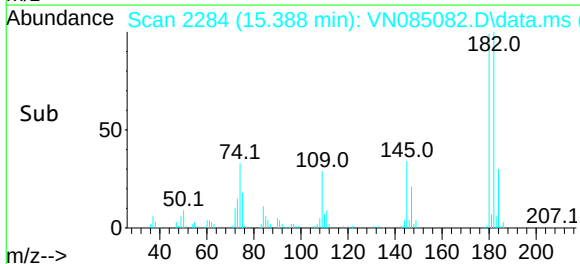
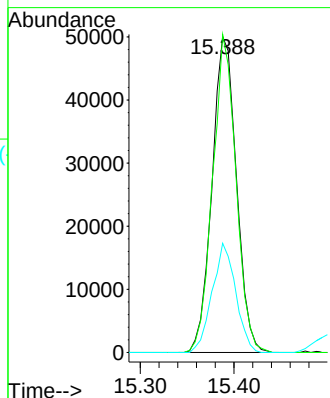
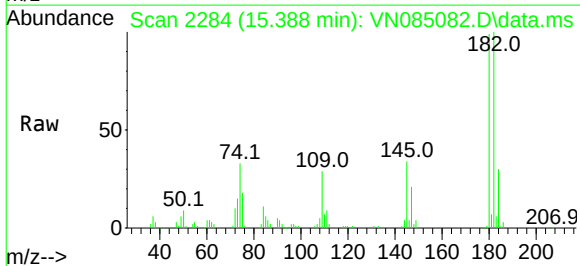
Tgt Ion:	180	Resp:	90538
Ion Ratio	Lower	Upper	
180	100		
182	96.3	46.9	140.8
145	33.4	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#94

Hexachlorobutadiene

Concen: 40.045 ug/l

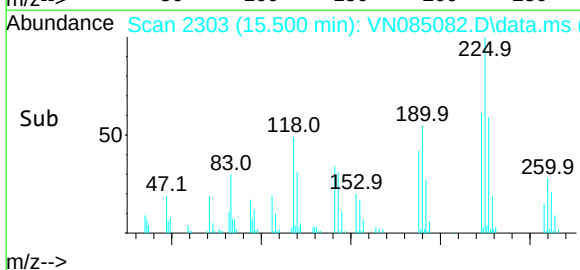
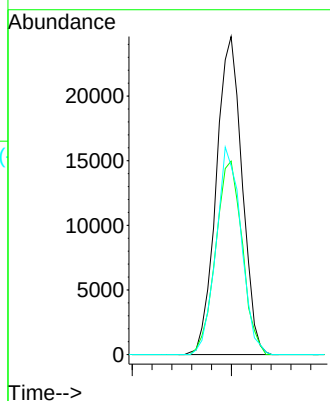
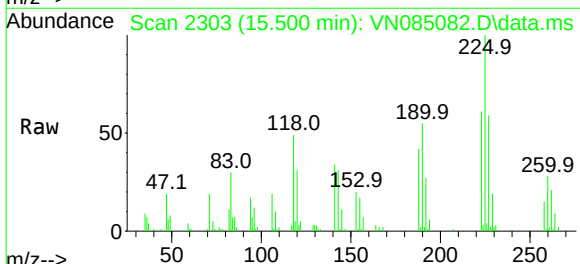
RT: 15.500 min Scan# 2303

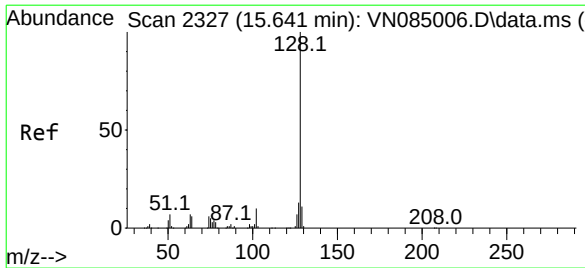
Delta R.T. -0.000 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

Tgt Ion:	225	Resp:	44494
Ion Ratio	Lower	Upper	
225	100		
223	62.6	30.9	92.8
227	63.4	31.5	94.5





#95

Naphthalene

Concen: 39.568 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

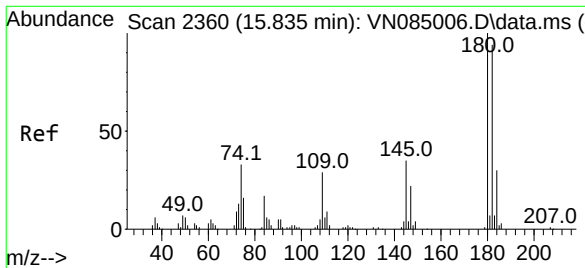
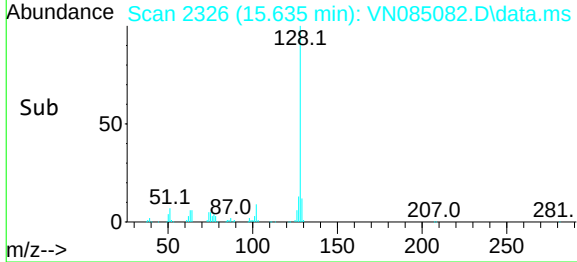
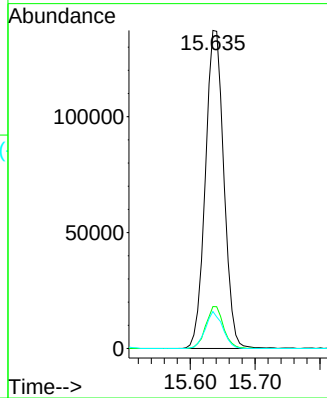
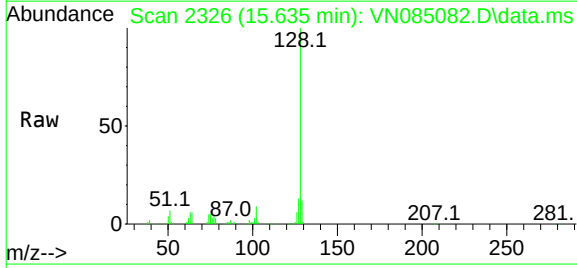
Tgt Ion:	128	Resp:	271312
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#96

1,2,3-Trichlorobenzene

Concen: 38.740 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085082.D

Acq: 03 Dec 2024 17:14

Tgt Ion:	180	Resp:	88992
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.4	139.2
145	35.2	17.3	52.0

