

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085252.D
 Acq On : 18 Dec 2024 15:28
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 06:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	118913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	201330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	186269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100452	48.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.660%
35) Dibromofluoromethane	8.165	113	70873	50.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.140%
50) Toluene-d8	10.565	98	277928	53.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.440%
62) 4-Bromofluorobenzene	12.847	95	101431	54.892	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	100635	53.124	ug/l	96
3) Chloromethane	2.359	50	86111	47.690	ug/l	98
4) Vinyl Chloride	2.506	62	87289	51.596	ug/l	98
5) Bromomethane	2.947	94	52053	46.903	ug/l	94
6) Chloroethane	3.112	64	53840	51.794	ug/l	98
7) Trichlorofluoromethane	3.489	101	133014	48.688	ug/l	97
8) Diethyl Ether	3.959	74	43768	51.005	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	73015	49.831	ug/l	99
10) Methyl Iodide	4.583	142	84032	50.298	ug/l	98
11) Tert butyl alcohol	5.524	59	70102	242.811	ug/l	98
12) 1,1-Dichloroethene	4.341	96	68199	50.247	ug/l	90
13) Acrolein	4.177	56	80247	241.358	ug/l	95
14) Allyl chloride	5.024	41	117898	50.158	ug/l	96
15) Acrylonitrile	5.718	53	201679	256.471	ug/l	99
16) Acetone	4.424	43	180678	251.841	ug/l	93
17) Carbon Disulfide	4.706	76	213424	46.079	ug/l	96
18) Methyl Acetate	5.024	43	98726	48.608	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	243754	52.397	ug/l	96
20) Methylene Chloride	5.265	84	78743	50.176	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	73555	49.155	ug/l	93
22) Diisopropyl ether	6.671	45	269936	53.833	ug/l	98
23) Vinyl Acetate	6.600	43	1052093	271.533	ug/l	99
24) 1,1-Dichloroethane	6.565	63	144468	49.737	ug/l	99
25) 2-Butanone	7.482	43	291500	265.320	ug/l	98
26) 2,2-Dichloropropane	7.488	77	136132	50.613	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	87010	49.941	ug/l	98
28) Bromochloromethane	7.812	49	68849	47.000	ug/l	99
29) Tetrahydrofuran	7.835	42	192364	271.615	ug/l	98
30) Chloroform	7.965	83	154690	49.869	ug/l	99
31) Cyclohexane	8.253	56	132384	49.233	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	139048	50.294	ug/l	100
36) 1,1-Dichloropropene	8.371	75	107913	54.752	ug/l	100
37) Ethyl Acetate	7.559	43	115253	50.687	ug/l	99
38) Carbon Tetrachloride	8.359	117	122741	51.507	ug/l	98
39) Methylcyclohexane	9.600	83	116519	56.812	ug/l	96
40) Benzene	8.606	78	323372	52.739	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	65451	56.481	ug/l	96
42) 1,2-Dichloroethane	8.671	62	121250	51.915	ug/l	98
43) Isopropyl Acetate	8.688	43	198852	47.821	ug/l	99
44) Trichloroethene	9.347	130	70123	51.368	ug/l	97
45) 1,2-Dichloropropane	9.618	63	80814	53.231	ug/l	94
46) Dibromomethane	9.706	93	58019	53.535	ug/l	97
47) Bromodichloromethane	9.888	83	123021	52.981	ug/l	99
48) Methyl methacrylate	9.676	41	96934	56.867	ug/l	99
49) 1,4-Dioxane	9.688	88	32106	1194.626	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	615797	281.847	ug/l	100
52) Toluene	10.629	92	206579	56.032	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	128008	56.558	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	132334	54.993	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	73831	53.481	ug/l	97
56) Ethyl methacrylate	10.870	69	128963	49.171	ug/l	98
57) 1,3-Dichloropropane	11.159	76	132887	54.692	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	278019	225.002	ug/l	99
59) 2-Hexanone	11.194	43	463104	297.348	ug/l	100
60) Dibromochloromethane	11.359	129	92524	56.551	ug/l	98
61) 1,2-Dibromoethane	11.470	107	75923	53.395	ug/l	99
64) Tetrachloroethene	11.106	164	63660	50.789	ug/l	98
65) Chlorobenzene	11.888	112	219513	52.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	78102	53.465	ug/l	98
67) Ethyl Benzene	11.965	91	402467	56.080	ug/l	99
68) m/p-Xylenes	12.070	106	307924	114.719	ug/l	98
69) o-Xylene	12.400	106	143866	57.023	ug/l	100
70) Styrene	12.412	104	252729	60.003	ug/l	98
71) Bromoform	12.576	173	63048	55.061	ug/l #	97
73) Isopropylbenzene	12.694	105	376220	54.303	ug/l	99
74) N-amyl acetate	12.494	43	187408	54.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	118555	48.027	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	159525	69.683	ug/l	51
77) Bromobenzene	12.976	156	87301	47.993	ug/l	97
78) n-propylbenzene	13.035	91	466664	54.923	ug/l	100
79) 2-Chlorotoluene	13.123	91	281525	52.185	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	322948	55.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	44319	51.405	ug/l	97
82) 4-Chlorotoluene	13.223	91	286287	52.442	ug/l	100
83) tert-Butylbenzene	13.435	119	270071	55.108	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	328162	55.555	ug/l	99
85) sec-Butylbenzene	13.617	105	382146	55.931	ug/l	99
86) p-Isopropyltoluene	13.729	119	319260	48.357	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	164519	49.112	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	165750	47.820	ug/l	99
89) n-Butylbenzene	14.059	91	280501	55.826	ug/l	99
90) Hexachloroethane	14.335	117	62380	49.700	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	161855	51.948	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25480	53.825	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	75818	47.537	ug/l	97
94) Hexachlorobutadiene	15.500	225	37092	44.747	ug/l	94
95) Naphthalene	15.641	128	249960	47.325	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	74756	46.927	ug/l	99

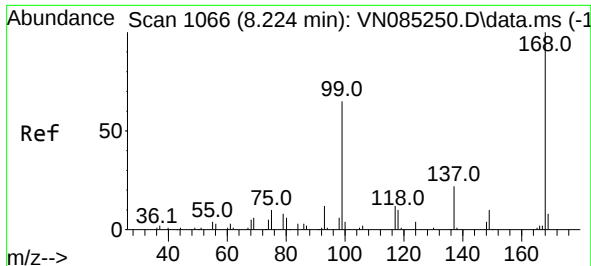
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Response via : Initial Calibration

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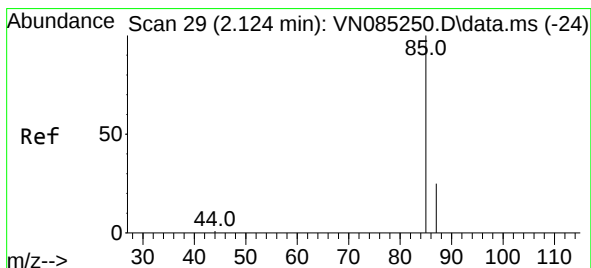
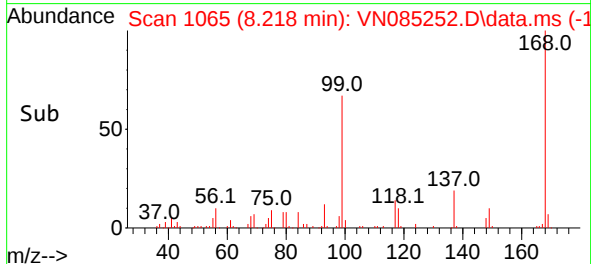
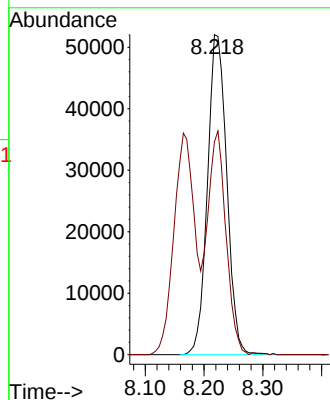
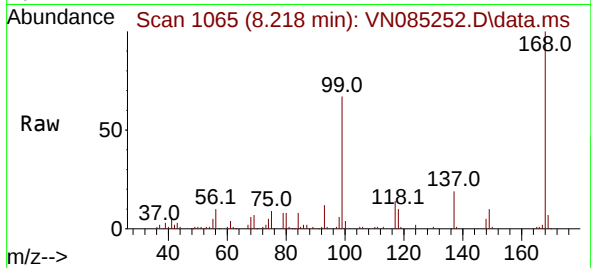
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

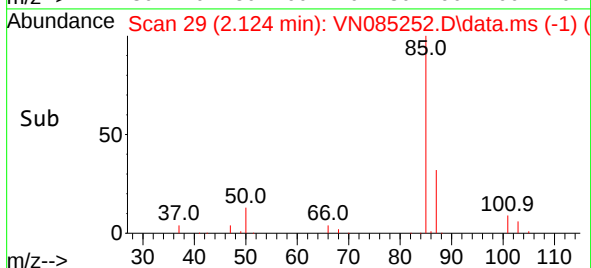
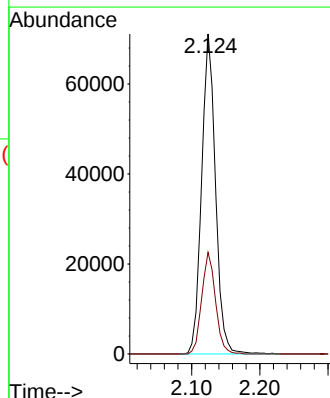
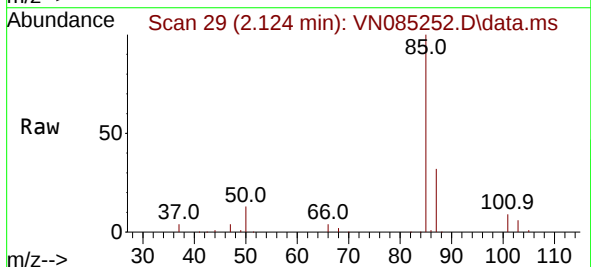
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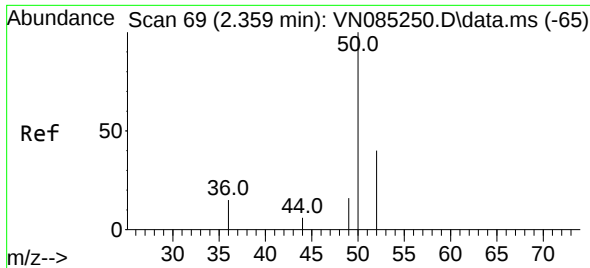
Tgt Ion:168 Resp: 118913
Ion Ratio Lower Upper
168 100
99 66.6 50.7 76.1



#2
Dichlorodifluoromethane
Concen: 53.124 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 85 Resp: 100635
Ion Ratio Lower Upper
85 100
87 31.8 17.1 51.3

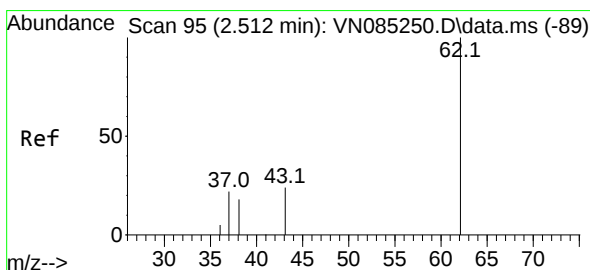
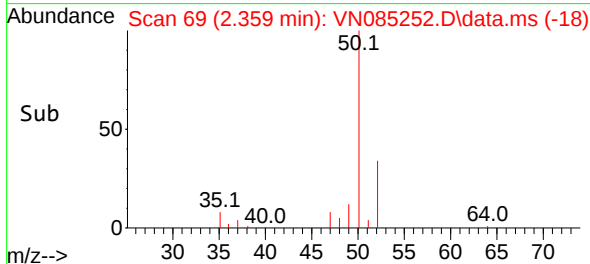
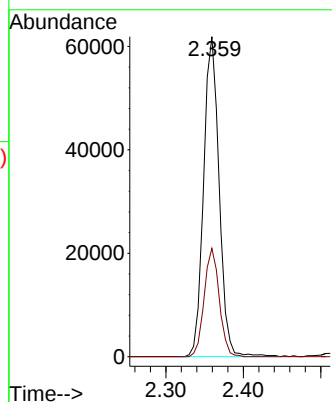
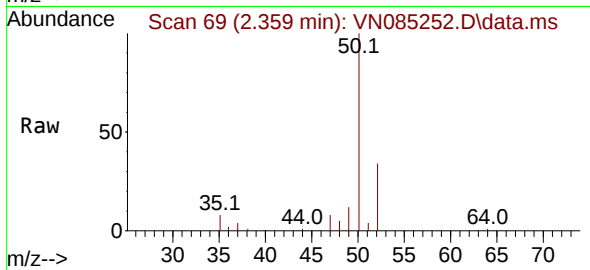




#3
Chloromethane
Concen: 47.690 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

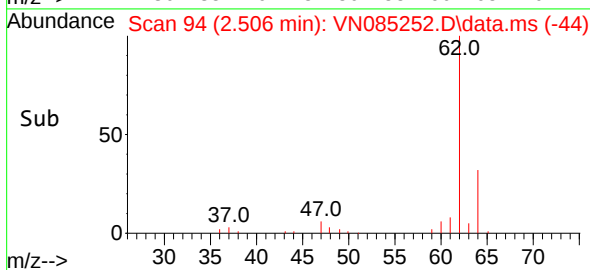
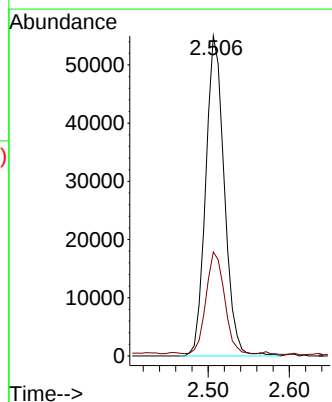
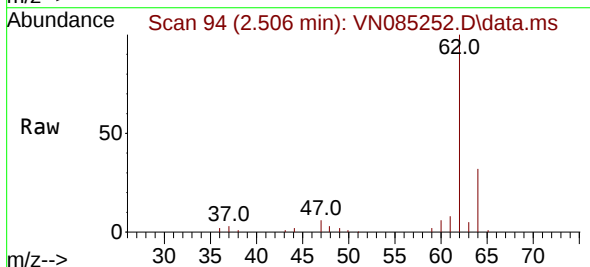
Instrument :
MSVOA_N
ClientSampleId :

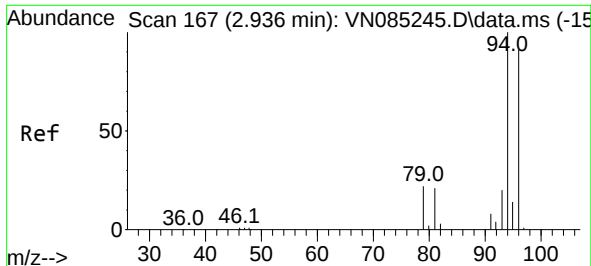
Tgt Ion: 50 Resp: 86111
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.2



#4
Vinyl Chloride
Concen: 51.596 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 62 Resp: 87289
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7

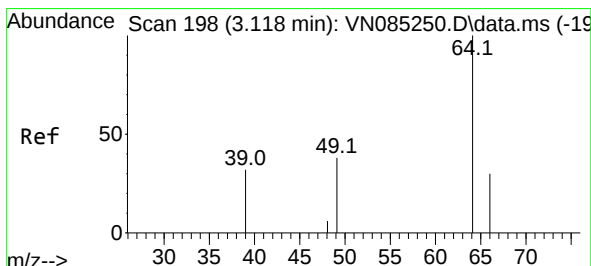
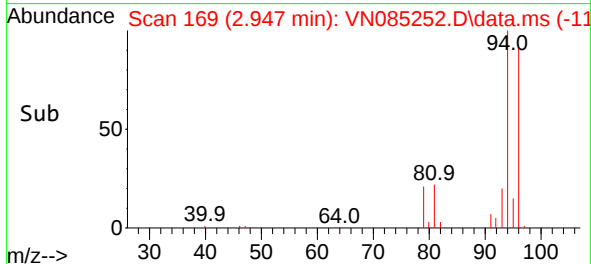
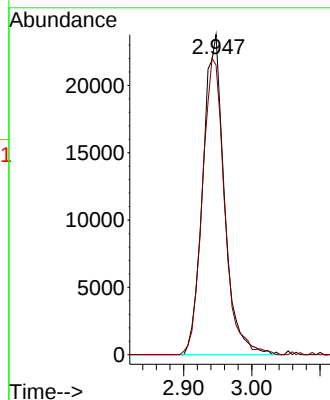
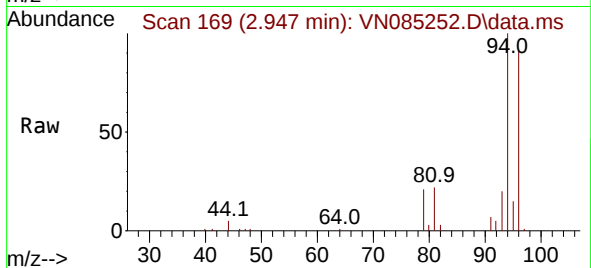




#5
Bromomethane
Concen: 46.903 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

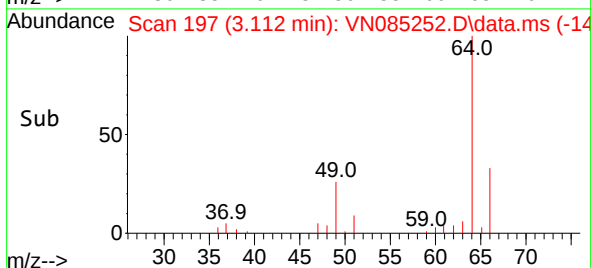
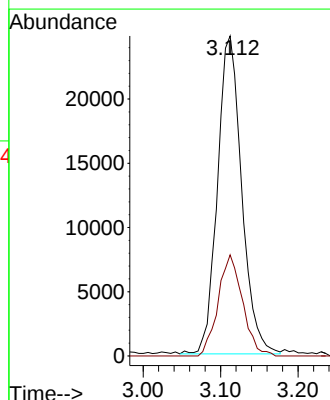
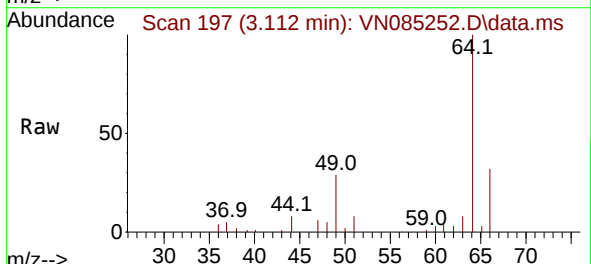
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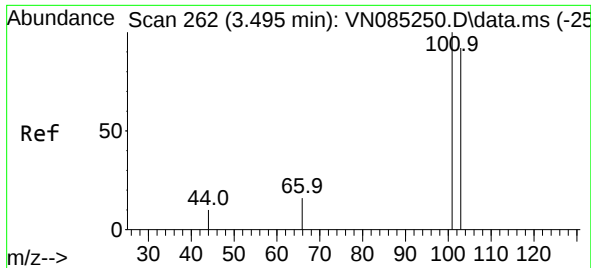
Tgt Ion: 94 Resp: 52053
Ion Ratio Lower Upper
94 100
96 90.6 76.8 115.2



#6
Chloroethane
Concen: 51.794 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 64 Resp: 53840
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5

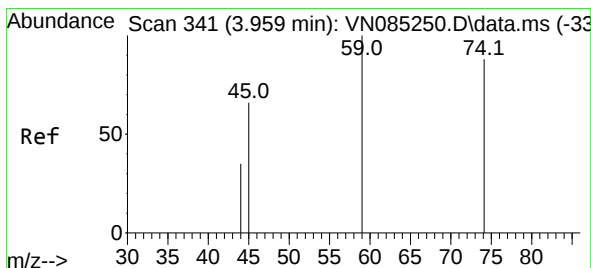
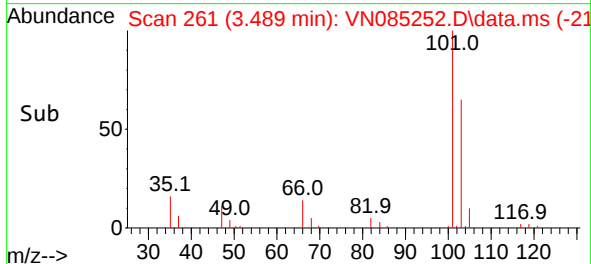
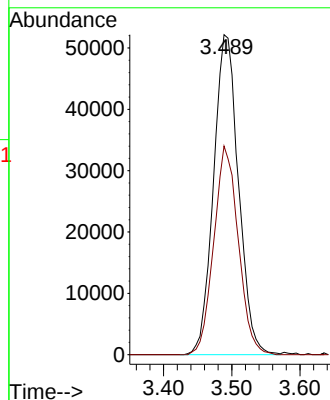
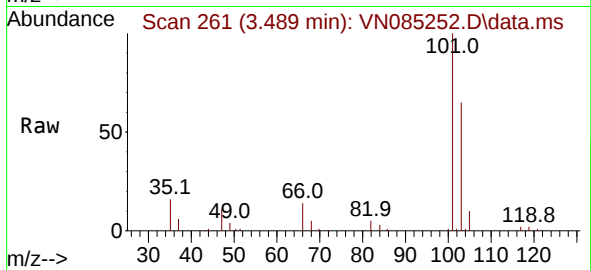




#7
 Trichlorofluoromethane
 Concen: 48.688 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN085252.D
 Acq: 18 Dec 2024 15:28

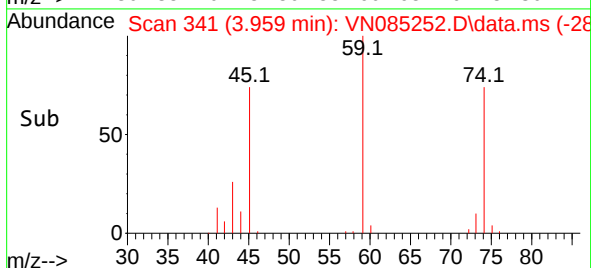
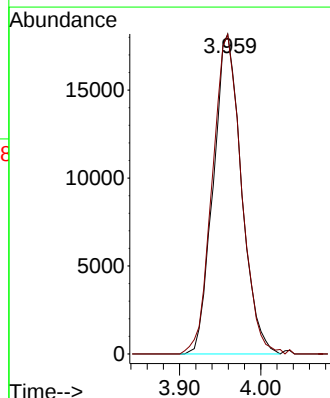
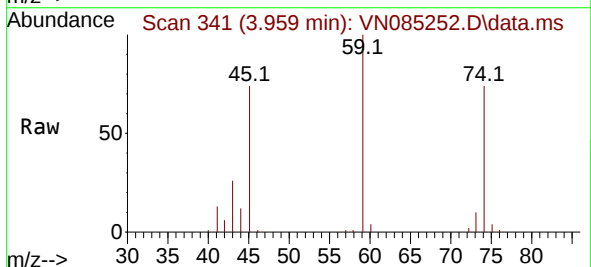
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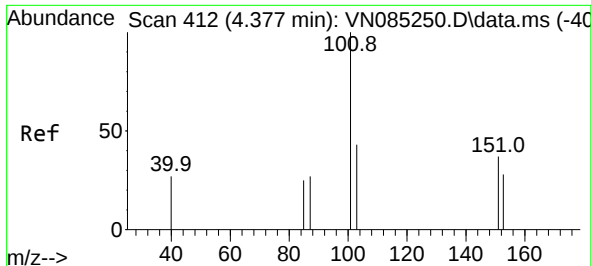
Tgt Ion:101 Resp: 133014
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.2 75.4



#8
 Diethyl Ether
 Concen: 51.005 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085252.D
 Acq: 18 Dec 2024 15:28

Tgt Ion: 74 Resp: 43768
 Ion Ratio Lower Upper
 74 100
 45 103.1 50.0 150.1

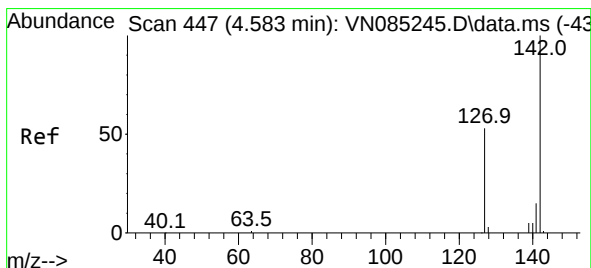
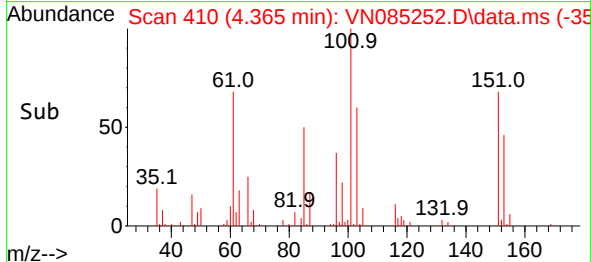
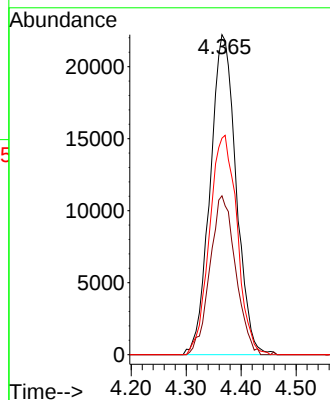
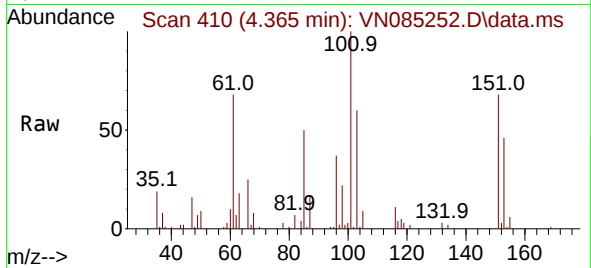




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.831 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN085252.D
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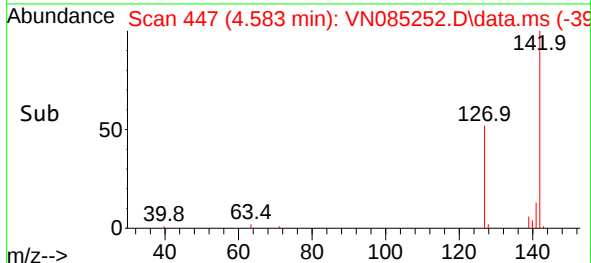
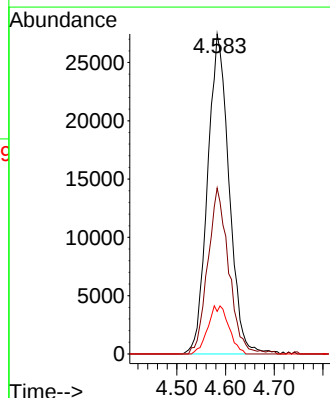
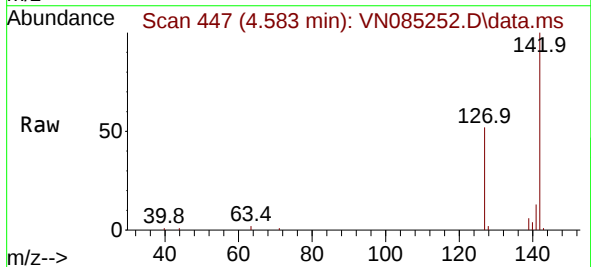
Instrument :
MSVOA_N
ClientSampleId :

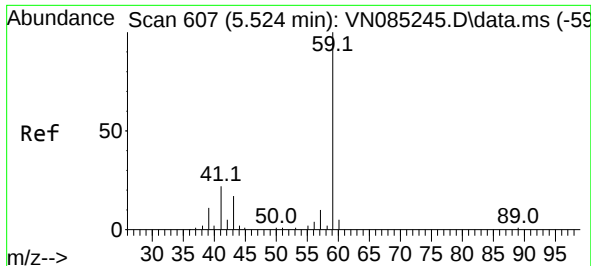
Tgt Ion:101 Resp: 73015
Ion Ratio Lower Upper
101 100
85 48.9 39.0 58.4
151 72.5 58.6 87.8



#10
Methyl Iodide
Concen: 50.298 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion:142 Resp: 84032
Ion Ratio Lower Upper
142 100
127 51.8 42.5 63.7
141 13.3 10.2 15.4

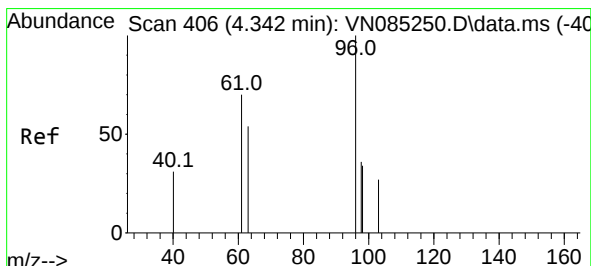
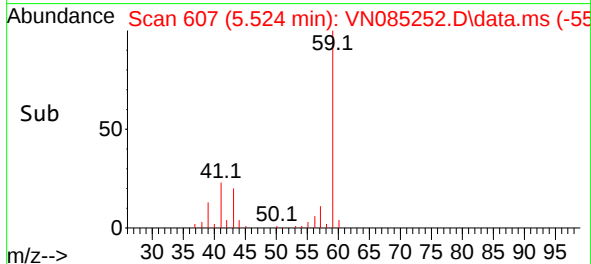
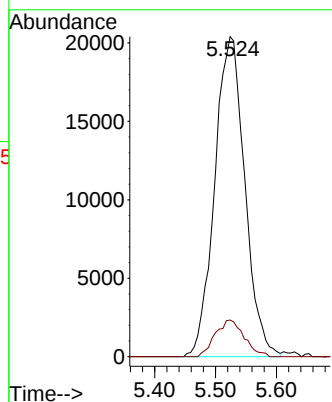
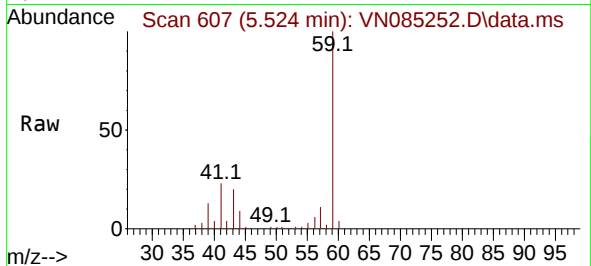




#11
Tert butyl alcohol
Concen: 242.811 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

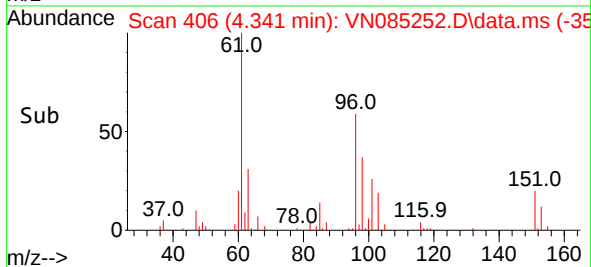
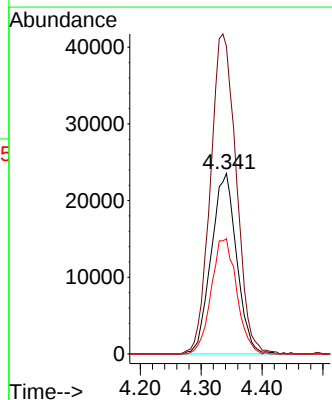
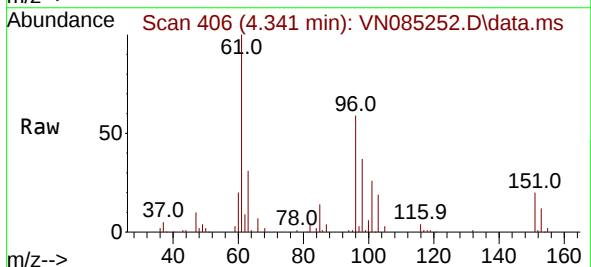
Instrument :
MSVOA_N
ClientSampleId :

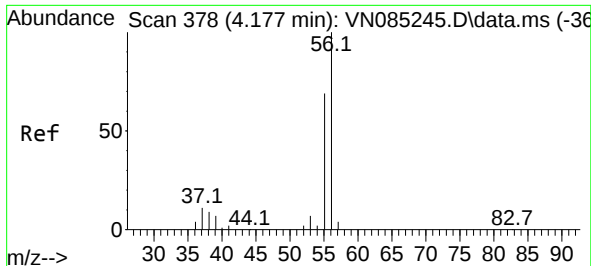
Tgt Ion: 59 Resp: 70102
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.247 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 96 Resp: 68199
Ion Ratio Lower Upper
96 100
61 170.4 151.6 227.4
98 63.8 51.9 77.9

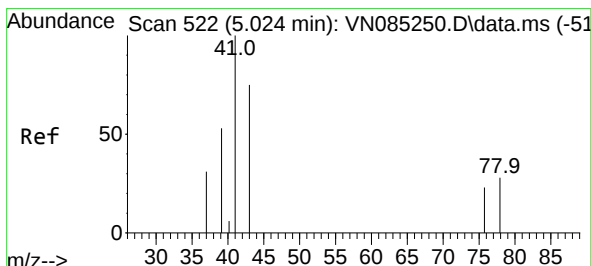
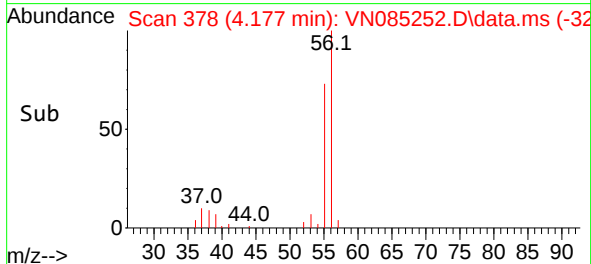
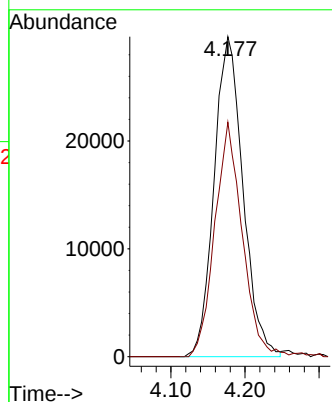
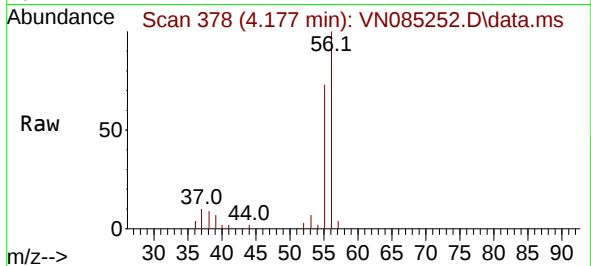




#13
Acrolein
Concen: 241.358 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

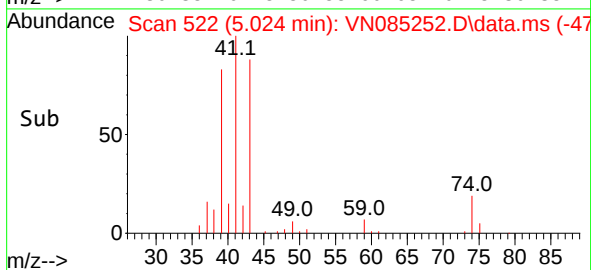
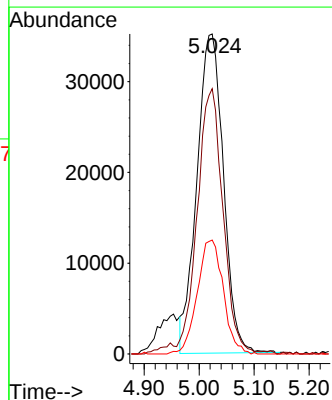
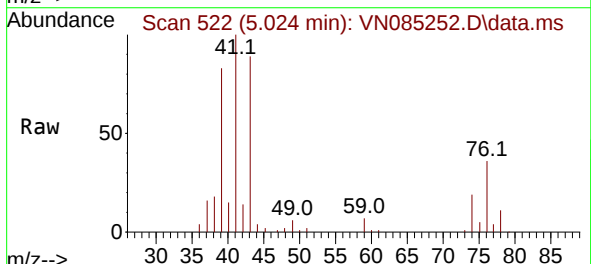
Instrument :
MSVOA_N
ClientSampleId :

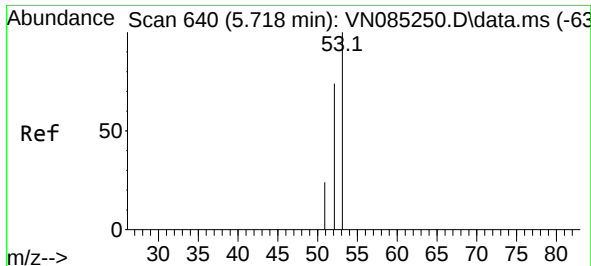
Tgt Ion: 56 Resp: 80247
Ion Ratio Lower Upper
56 100
55 69.6 59.0 88.6



#14
Allyl chloride
Concen: 50.158 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

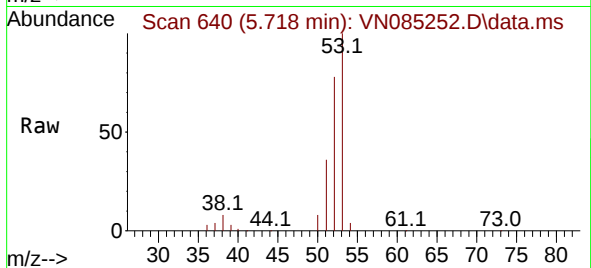
Tgt Ion: 41 Resp: 117898
Ion Ratio Lower Upper
41 100
39 78.9 66.7 100.1
76 35.0 29.4 44.2



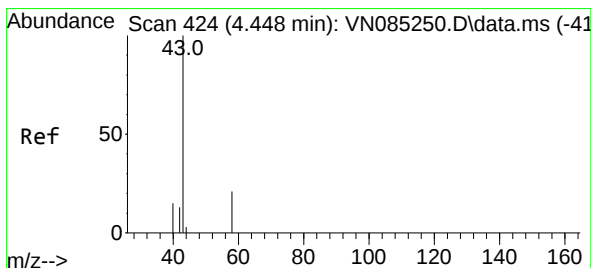
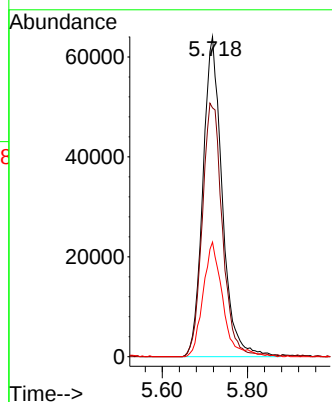
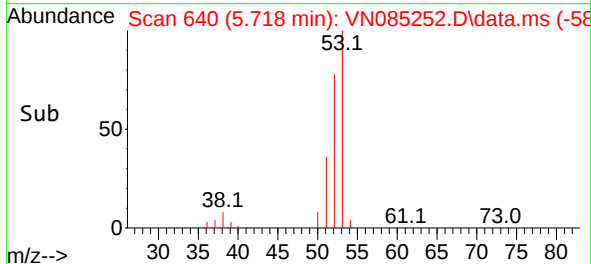


#15
Acrylonitrile
Concen: 256.471 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

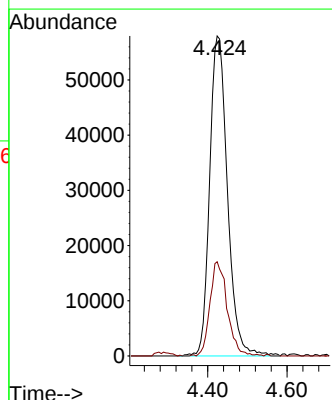
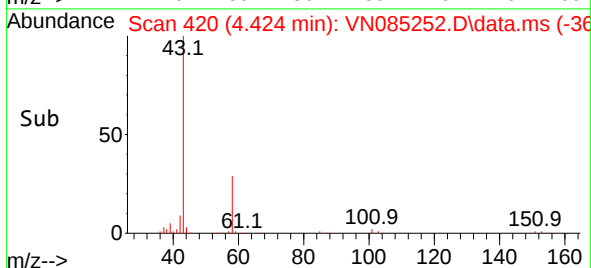
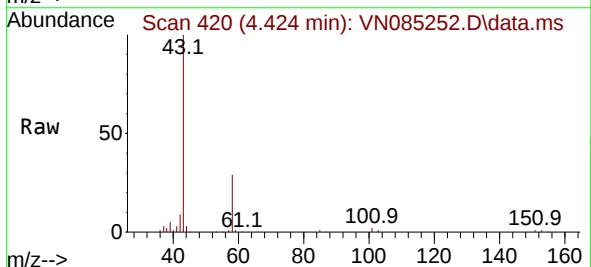


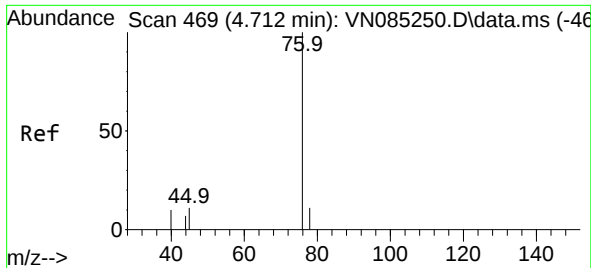
Tgt Ion: 53 Resp: 201679
Ion Ratio Lower Upper
53 100
52 82.1 66.3 99.5
51 36.7 28.2 42.2



#16
Acetone
Concen: 251.841 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 43 Resp: 180678
Ion Ratio Lower Upper
43 100
58 29.5 20.8 31.2

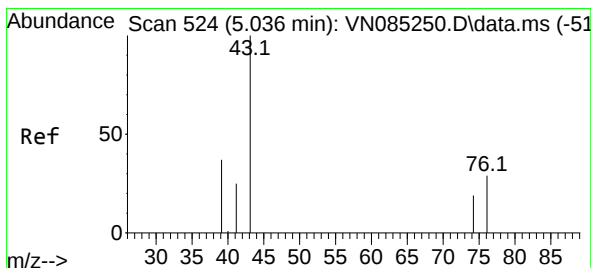
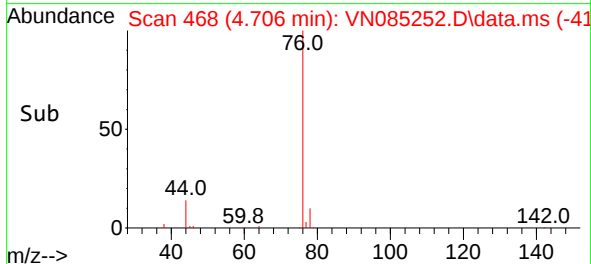
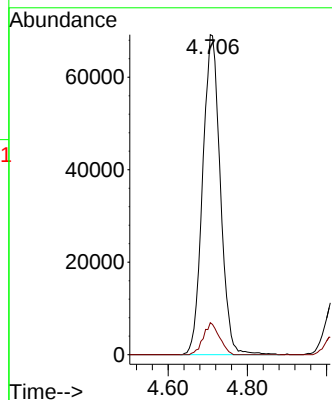
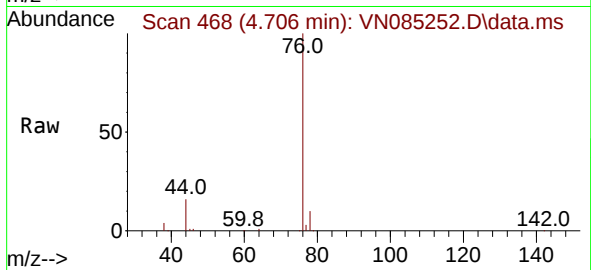




#17
Carbon Disulfide
Concen: 46.079 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

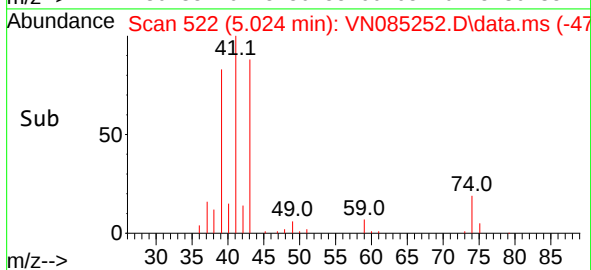
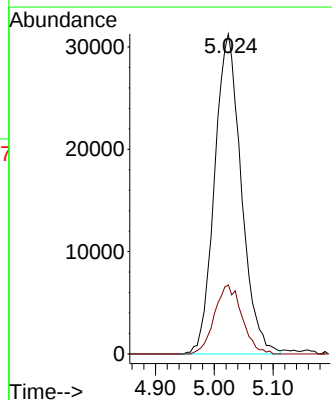
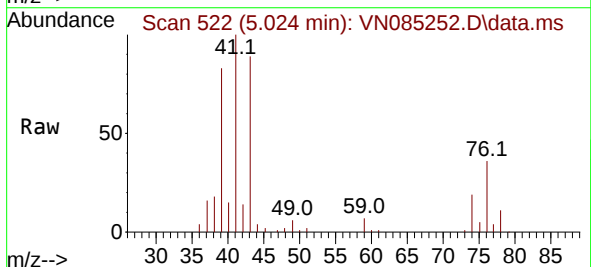
Instrument :
MSVOA_N
ClientSampleId :

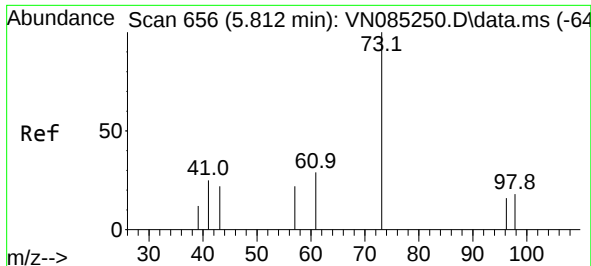
Tgt Ion: 76 Resp: 213424
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 48.608 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 43 Resp: 98726
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3

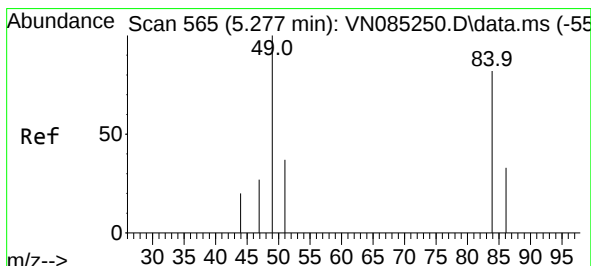
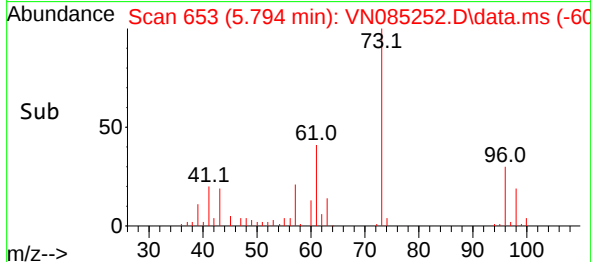
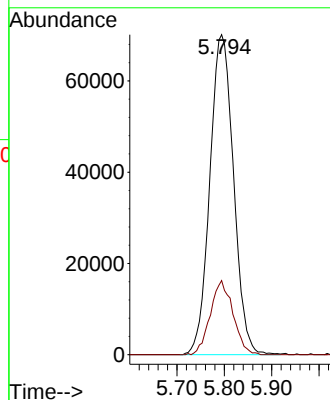
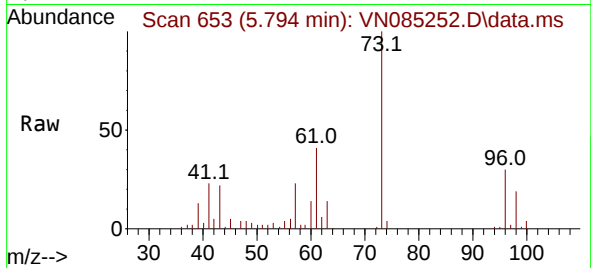




#19
Methyl tert-butyl Ether
Concen: 52.397 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

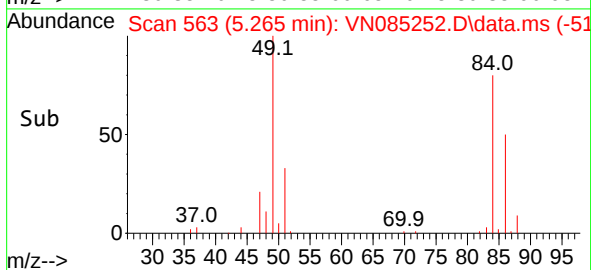
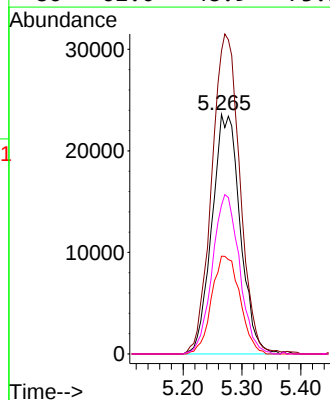
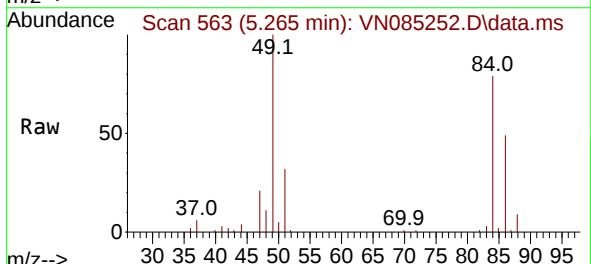
Instrument :
MSVOA_N
ClientSampleId :

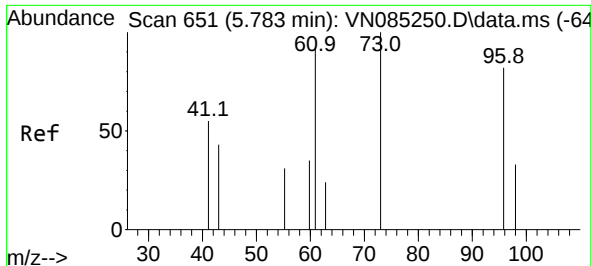
Tgt Ion: 73 Resp: 243754
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6



#20
Methylene Chloride
Concen: 50.176 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 84 Resp: 78743
Ion Ratio Lower Upper
84 100
49 126.4 103.6 155.4
51 40.8 34.2 51.2
86 62.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 49.155 ug/l

RT: 5.783 min Scan# 61

Delta R.T. 0.006 min

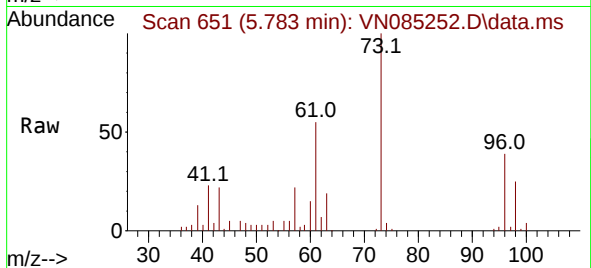
Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :



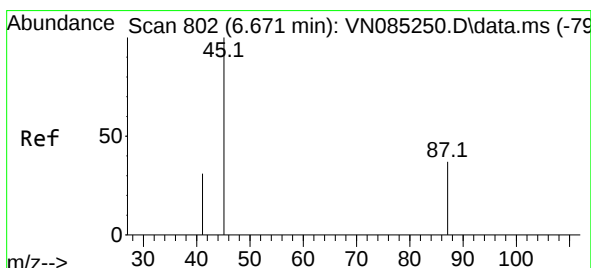
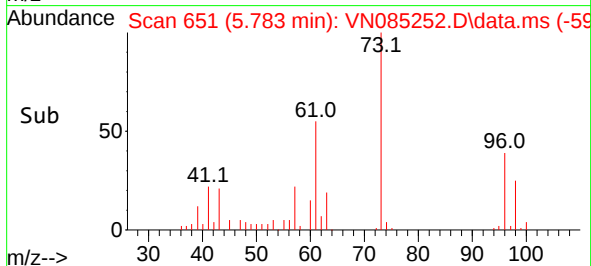
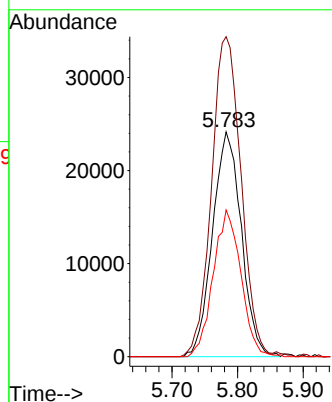
Tgt Ion: 96 Resp: 73555

Ion Ratio Lower Upper

96 100

61 142.3 122.0 183.0

98 65.2 54.3 81.5



#22

Diisopropyl ether

Concen: 53.833 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Tgt Ion: 45 Resp: 269936

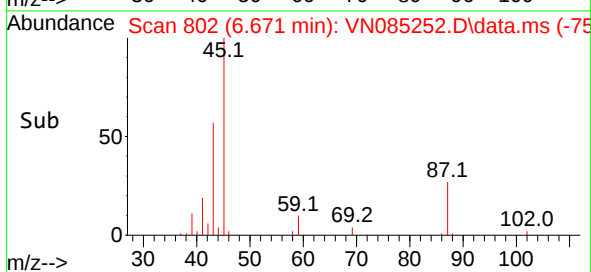
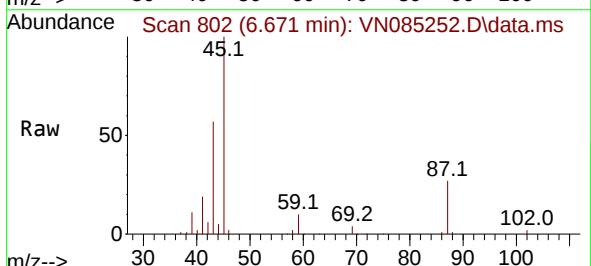
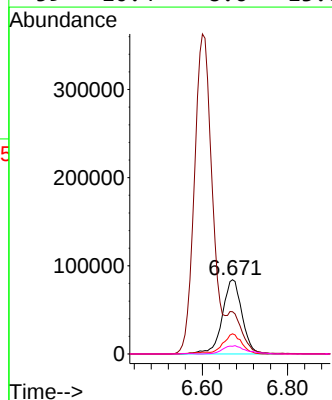
Ion Ratio Lower Upper

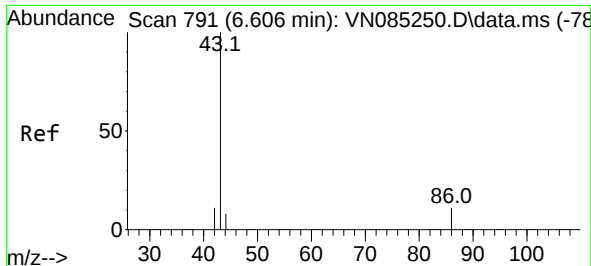
45 100

43 56.0 43.8 65.6

87 27.1 21.2 31.8

59 10.4 8.6 13.0

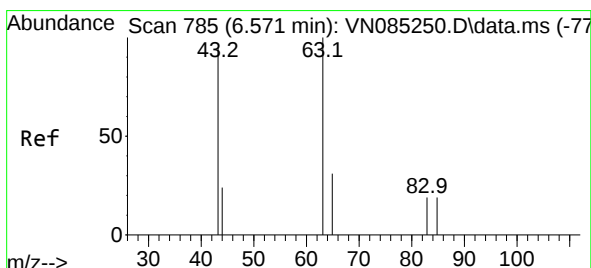
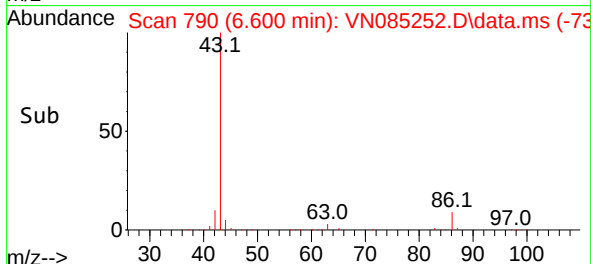
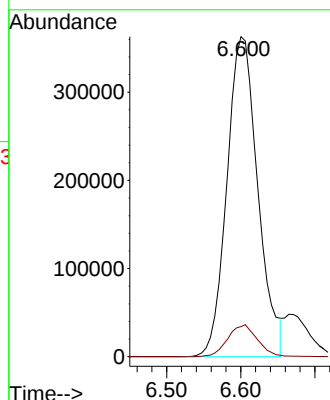
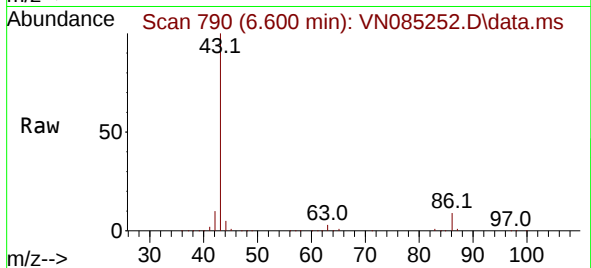




#23
 Vinyl Acetate
 Concen: 271.533 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN085252.D
 Acq: 18 Dec 2024 15:28

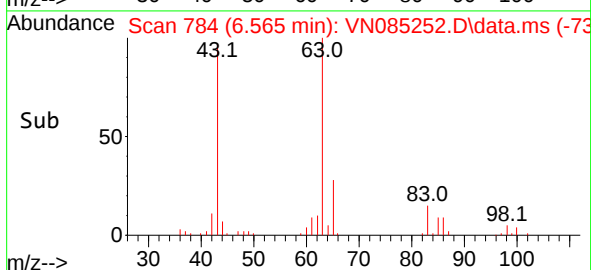
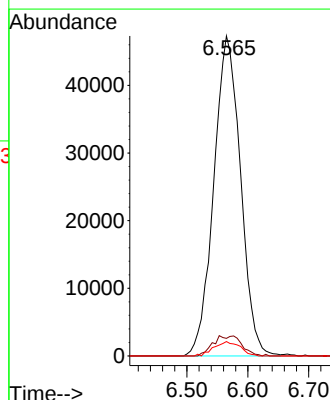
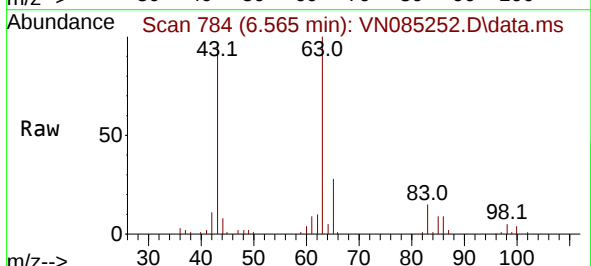
Instrument :
 MSVOA_N
 ClientSampleId :

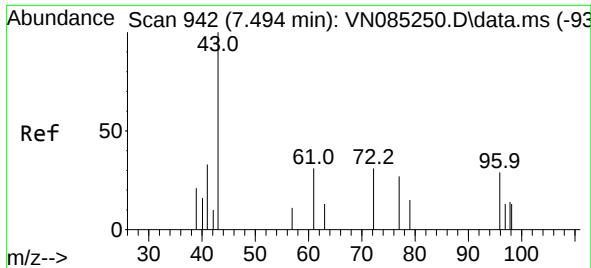
Tgt Ion: 43 Resp: 1052093
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 49.737 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085252.D
 Acq: 18 Dec 2024 15:28

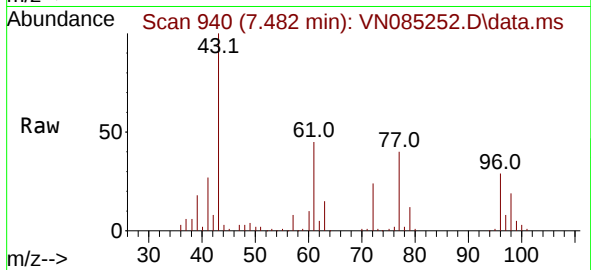
Tgt Ion: 63 Resp: 144468
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.6
 100 4.5 2.1 6.5



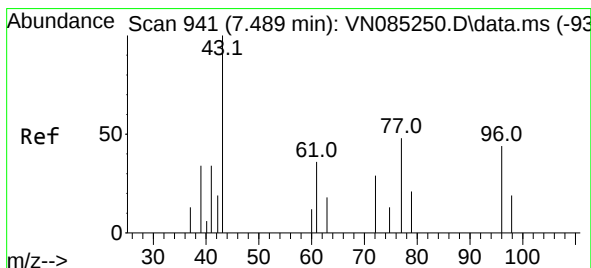
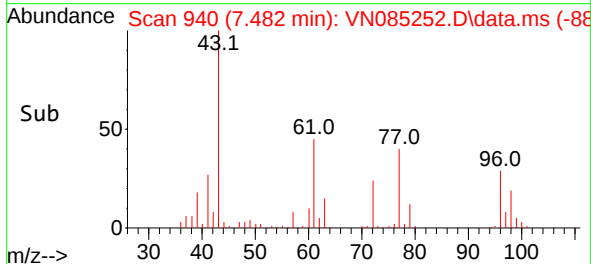
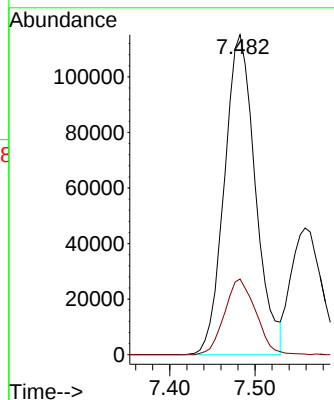


#25
2-Butanone
Concen: 265.320 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

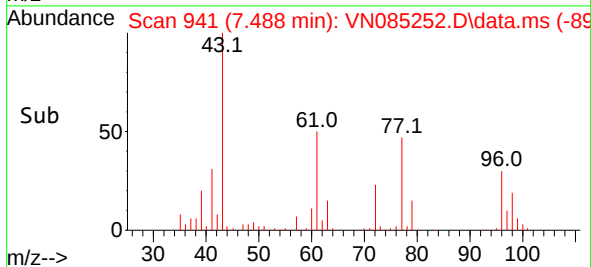
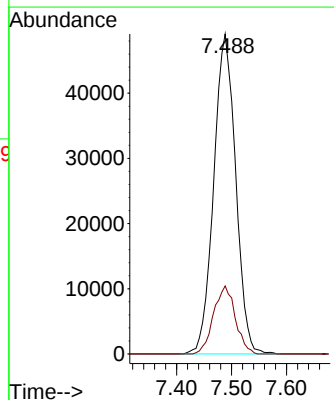
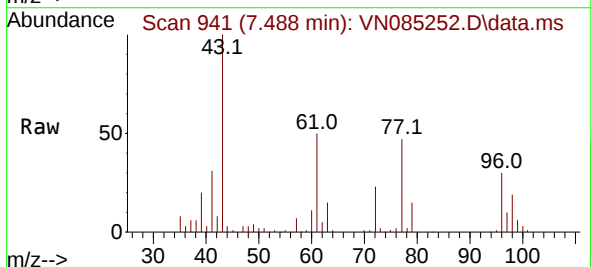


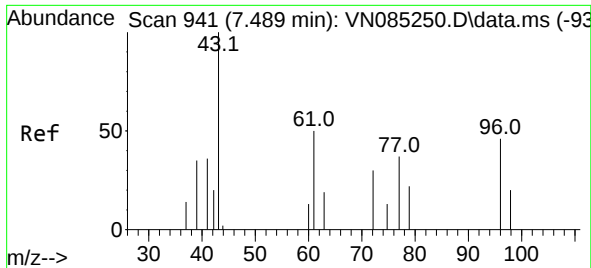
Tgt Ion: 43 Resp: 291500
Ion Ratio Lower Upper
43 100
72 23.6 19.6 29.4



#26
2,2-Dichloropropane
Concen: 50.613 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

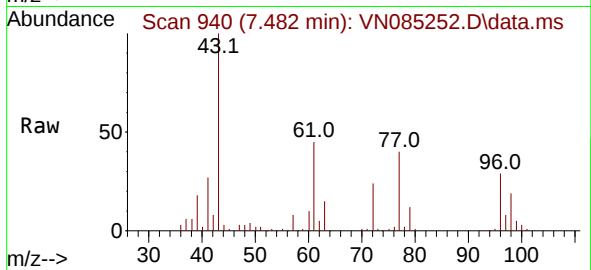
Tgt Ion: 77 Resp: 136132
Ion Ratio Lower Upper
77 100
97 21.0 10.5 31.6



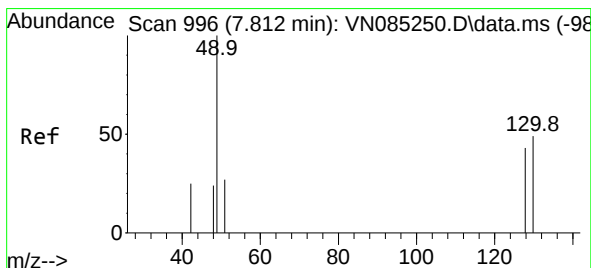
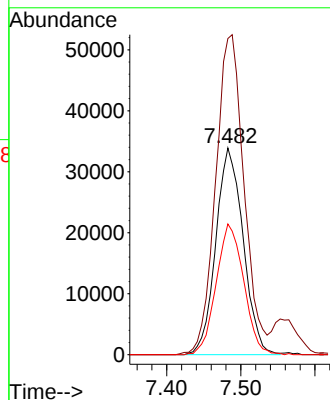
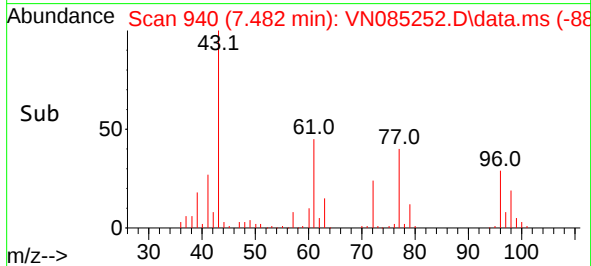


#27
cis-1,2-Dichloroethene
Concen: 49.941 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

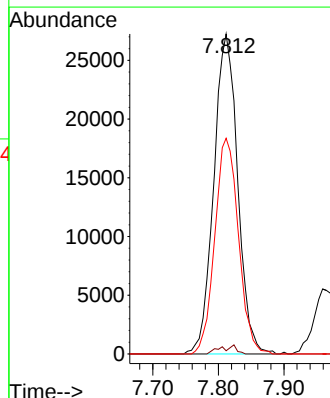
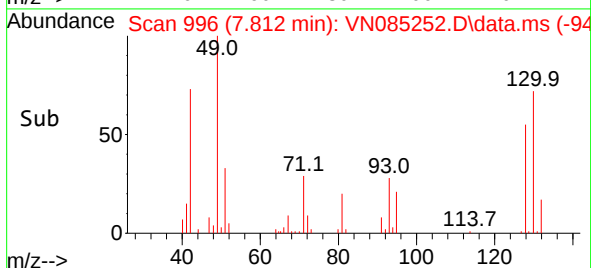
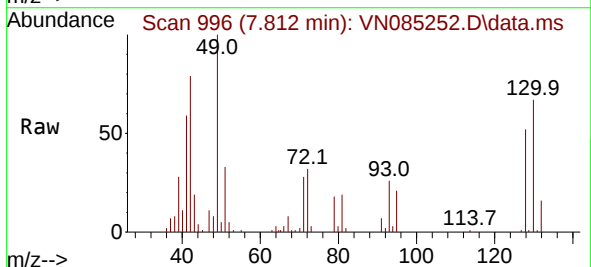


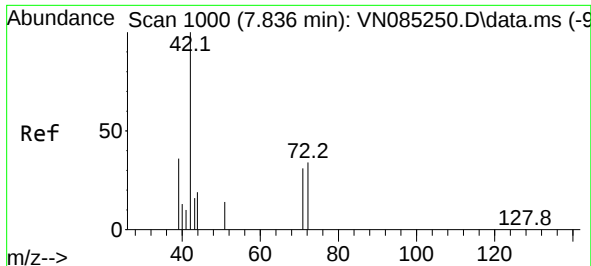
Tgt Ion: 96 Resp: 87010
Ion Ratio Lower Upper
96 100
61 160.5 0.0 316.4
98 63.6 0.0 125.4



#28
Bromochloromethane
Concen: 47.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 49 Resp: 68849
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.4
130 66.8 54.1 81.1





#29

Tetrahydrofuran

Concen: 271.615 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

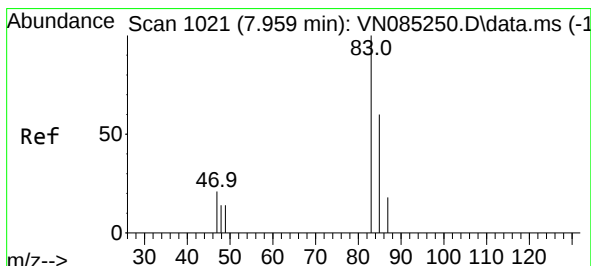
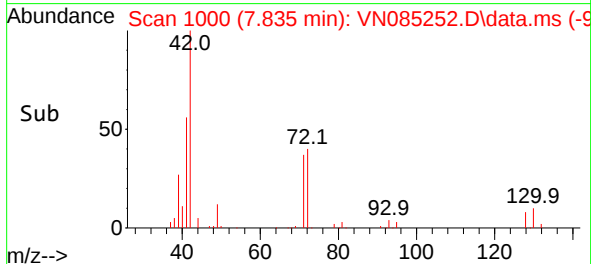
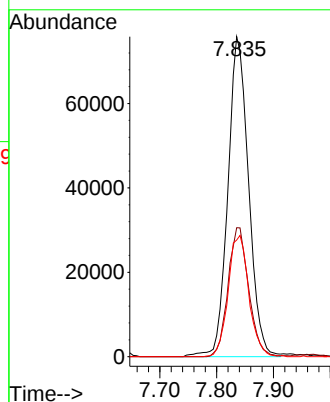
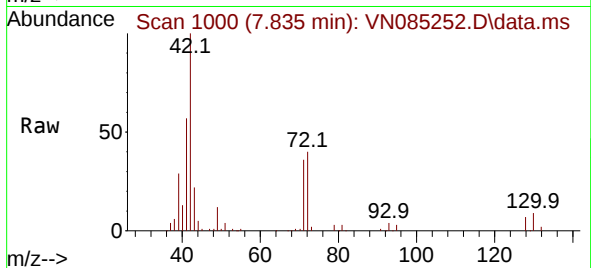
Tgt Ion: 42 Resp: 192364

Ion Ratio Lower Upper

42 100

72 40.1 32.7 49.1

71 37.9 31.4 47.2



#30

Chloroform

Concen: 49.869 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN085252.D

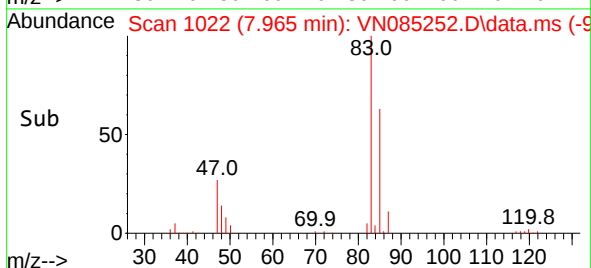
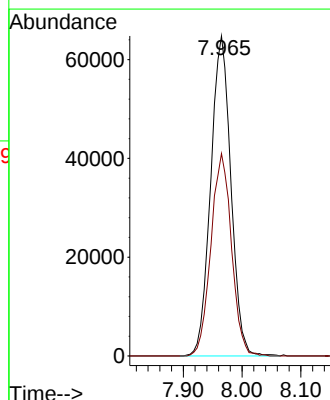
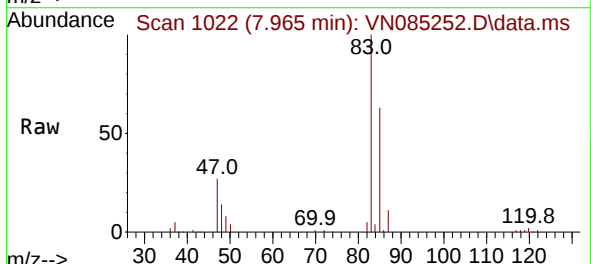
Acq: 18 Dec 2024 15:28

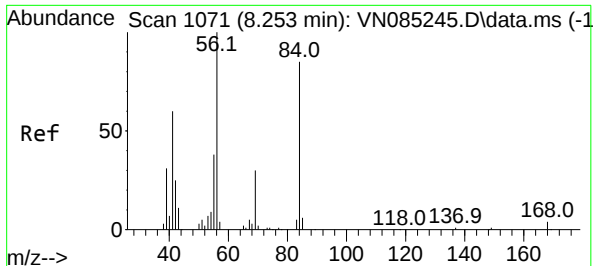
Tgt Ion: 83 Resp: 154690

Ion Ratio Lower Upper

83 100

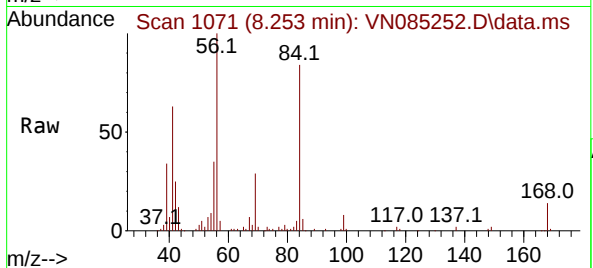
85 63.3 51.4 77.0



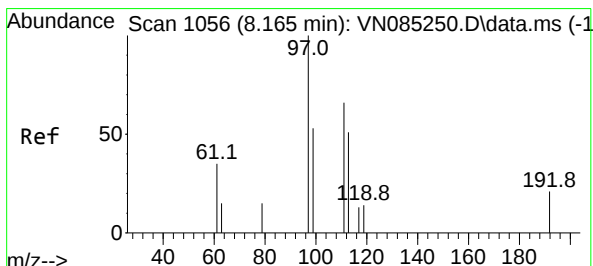
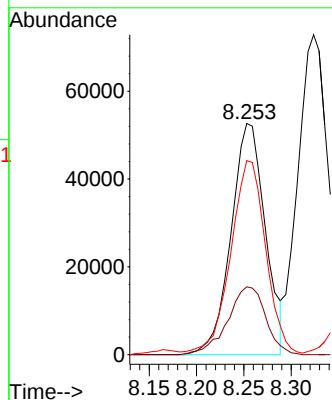
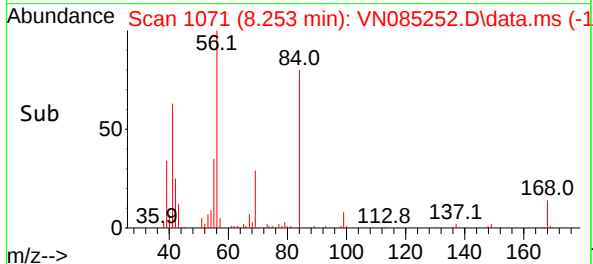


#31
Cyclohexane
Concen: 49.233 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

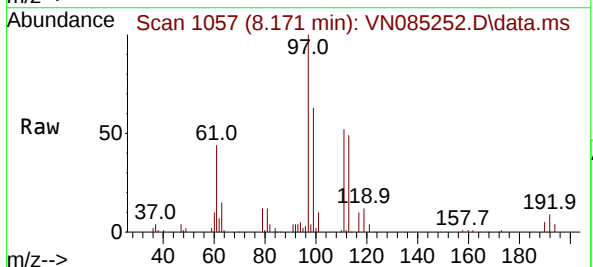
Instrument :
MSVOA_N
ClientSampleId :



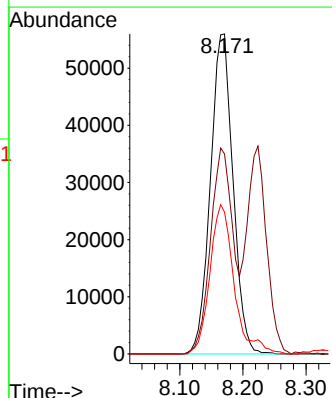
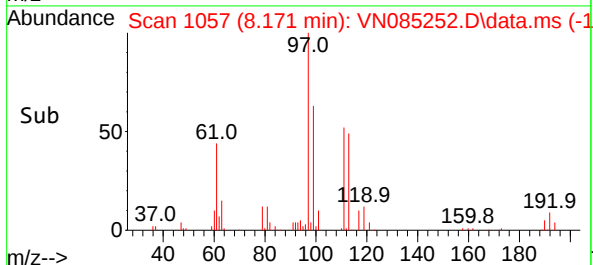
Tgt Ion: 56 Resp: 132384
Ion Ratio Lower Upper
56 100
69 29.3 23.6 35.4
84 82.8 66.6 99.8

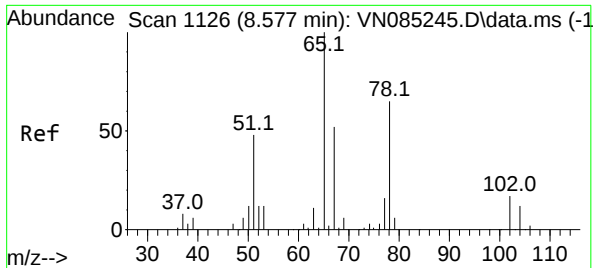


#32
1,1,1-Trichloroethane
Concen: 50.294 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28



Tgt Ion: 97 Resp: 139048
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 50.1 40.4 60.6





#33

1,2-Dichloroethane-d4

Concen: 48.331 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

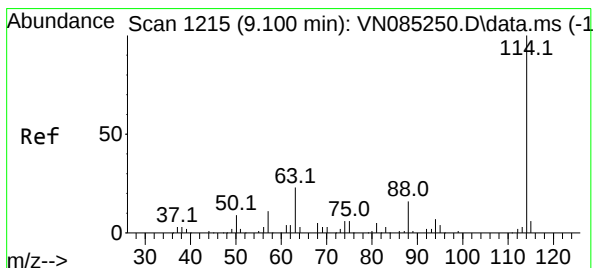
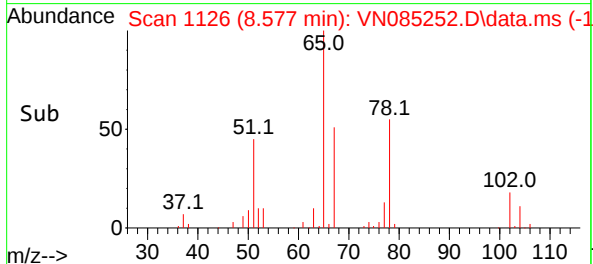
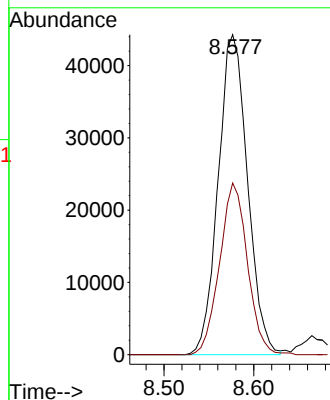
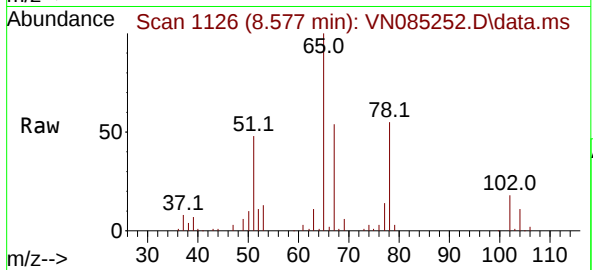
ClientSampleId :

Tgt Ion: 65 Resp: 100452

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

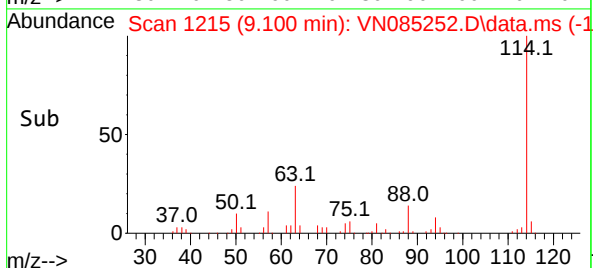
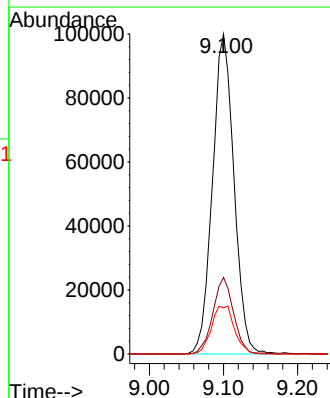
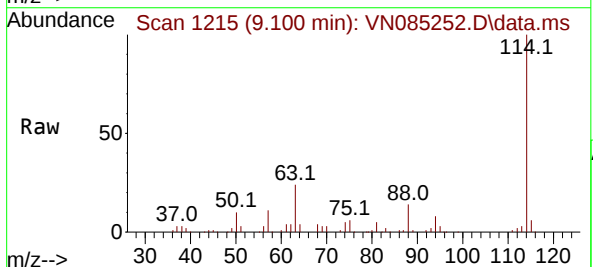
Tgt Ion: 114 Resp: 201330

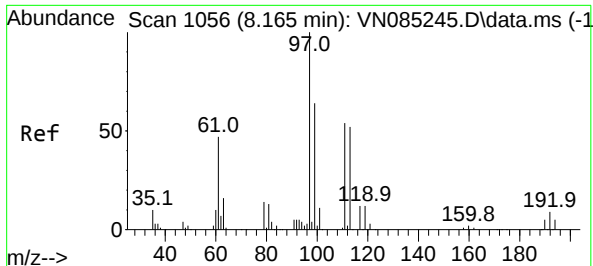
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.2

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.071 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

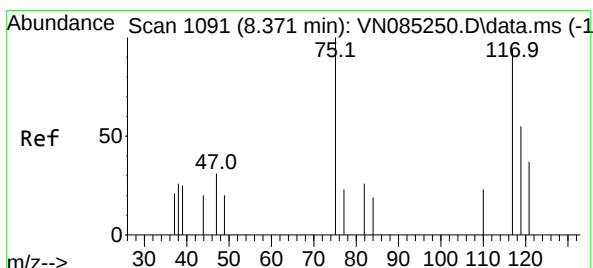
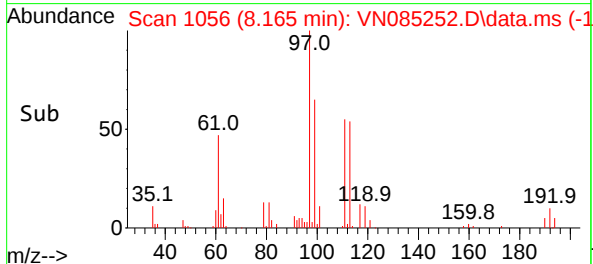
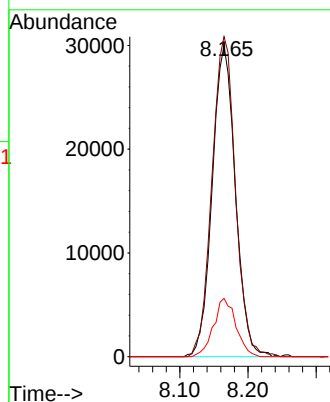
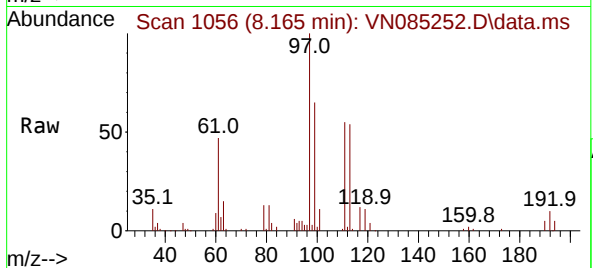
Tgt Ion:113 Resp: 70873

Ion Ratio Lower Upper

113 100

111 104.3 82.1 123.1

192 18.1 13.4 20.0



#36

1,1-Dichloropropene

Concen: 54.752 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

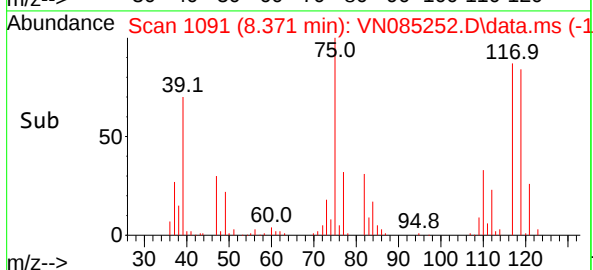
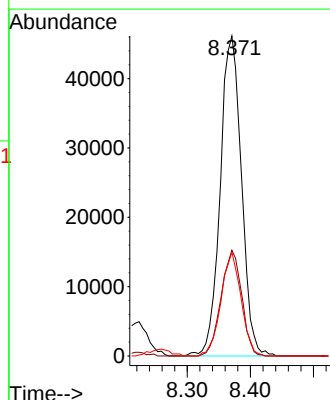
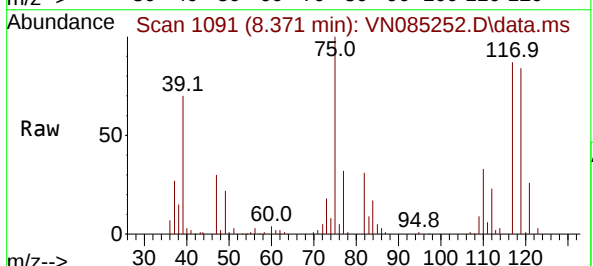
Tgt Ion: 75 Resp: 107913

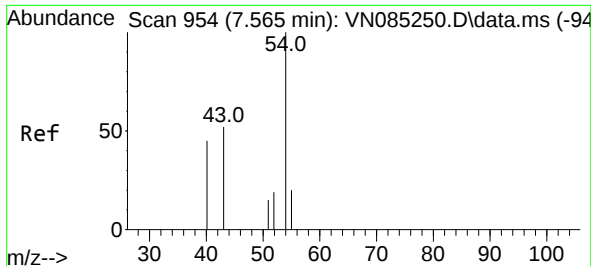
Ion Ratio Lower Upper

75 100

110 32.0 16.0 48.0

77 30.6 24.6 36.8





#37

Ethyl Acetate

Concen: 50.687 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

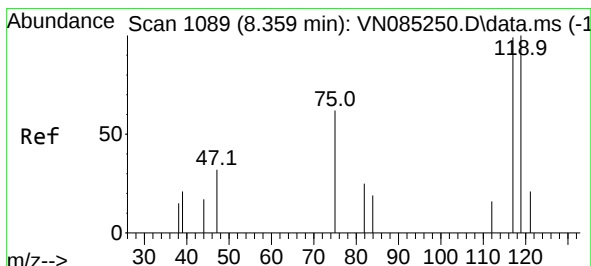
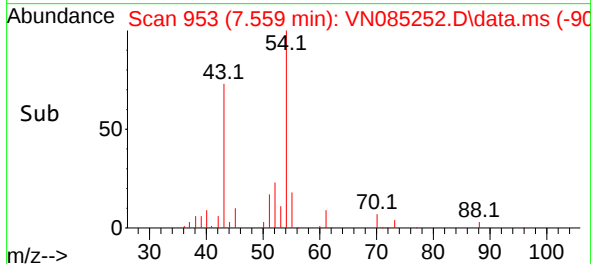
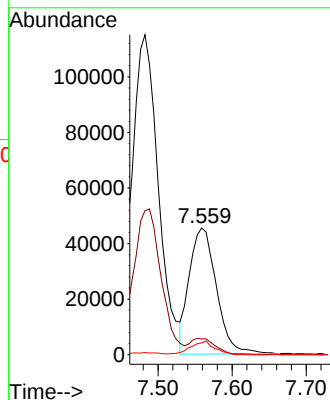
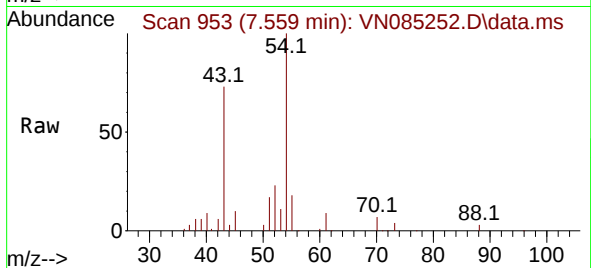
Tgt Ion: 43 Resp: 115253

Ion Ratio Lower Upper

43 100

61 12.3 9.8 14.6

70 9.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.507 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

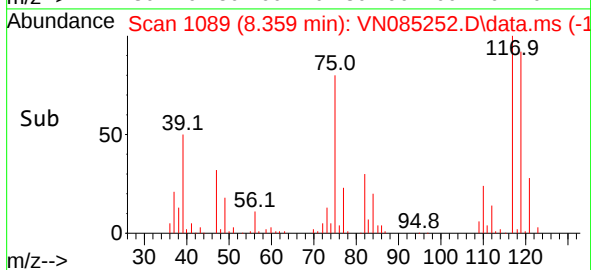
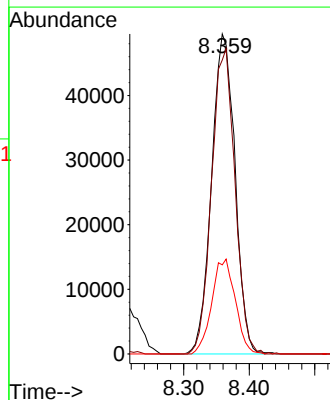
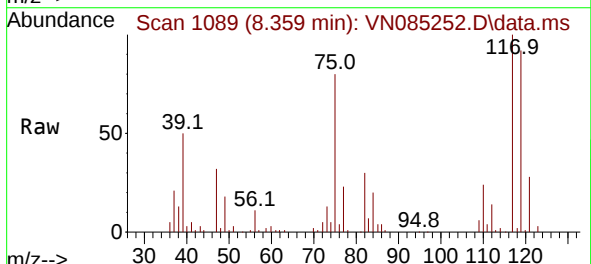
Tgt Ion: 117 Resp: 122741

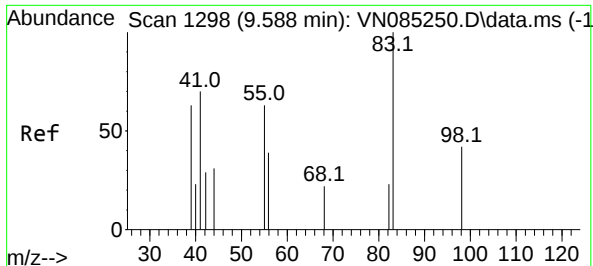
Ion Ratio Lower Upper

117 100

119 91.8 74.8 112.2

121 27.9 24.2 36.4





#39

Methylcyclohexane

Concen: 56.812 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

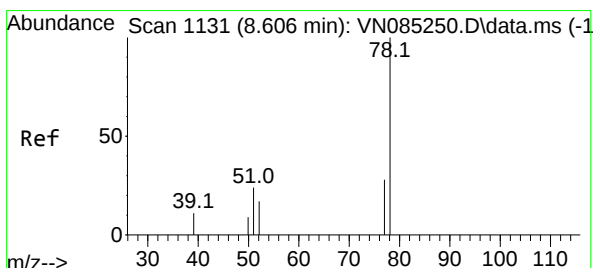
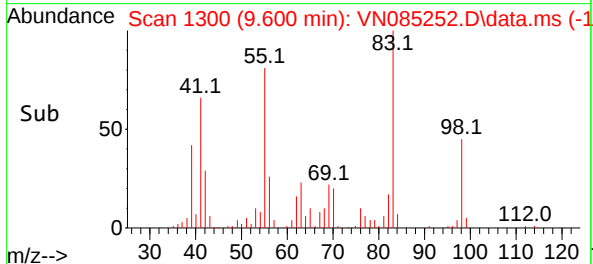
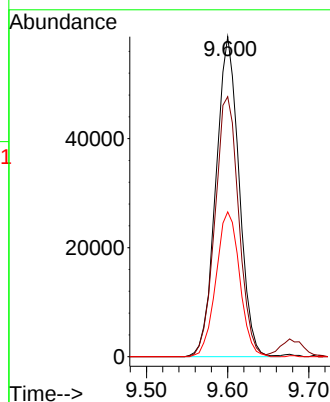
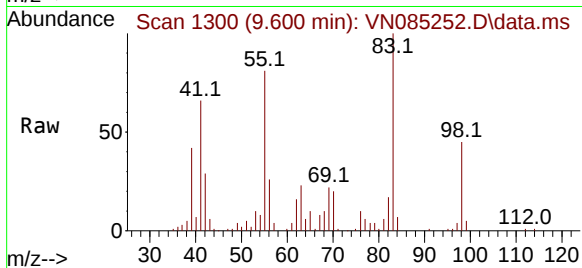
Tgt Ion: 83 Resp: 116519

Ion Ratio Lower Upper

83 100

55 81.2 66.8 100.2

98 45.2 39.4 59.2



#40

Benzene

Concen: 52.739 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085252.D

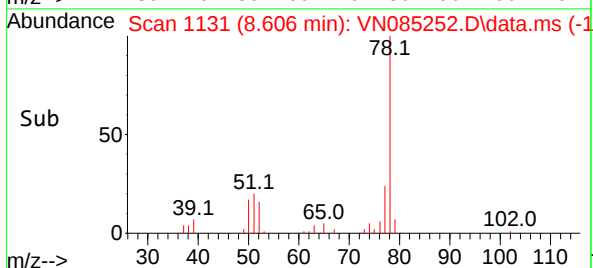
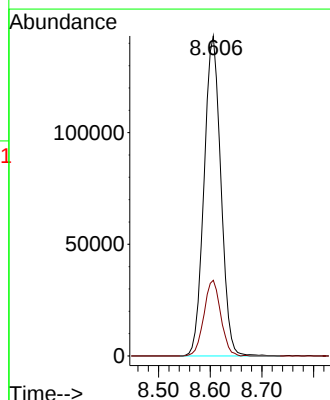
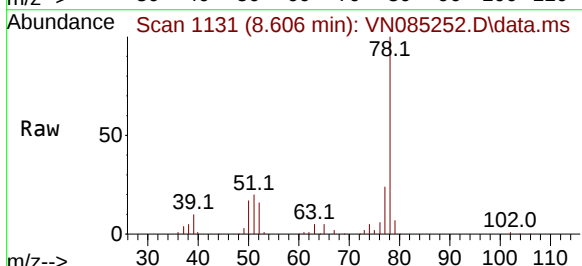
Acq: 18 Dec 2024 15:28

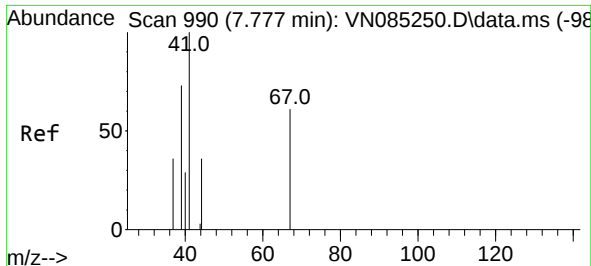
Tgt Ion: 78 Resp: 323372

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3

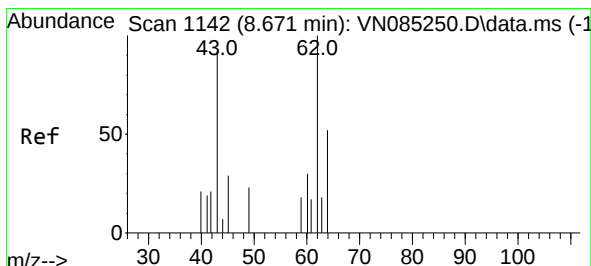
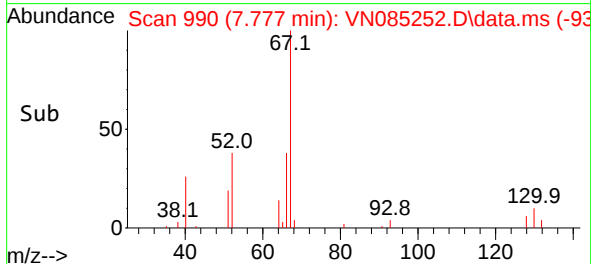
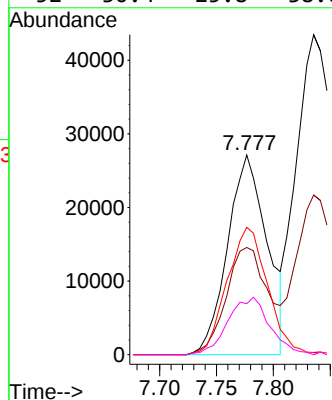
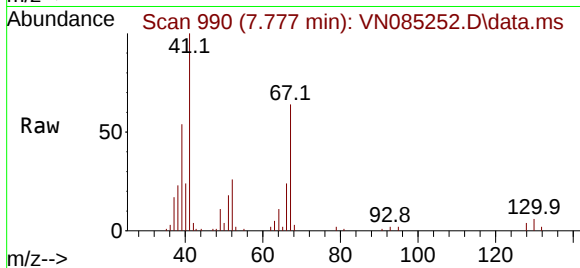




#41
Methacrylonitrile
Concen: 56.481 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

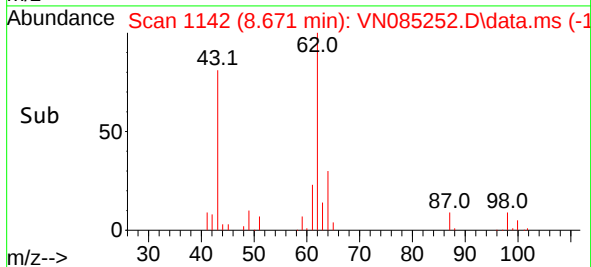
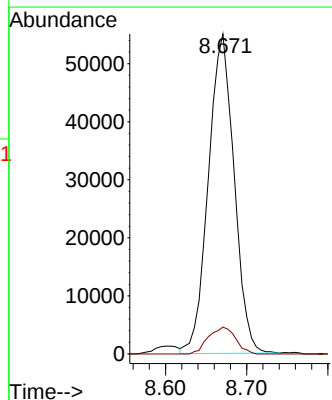
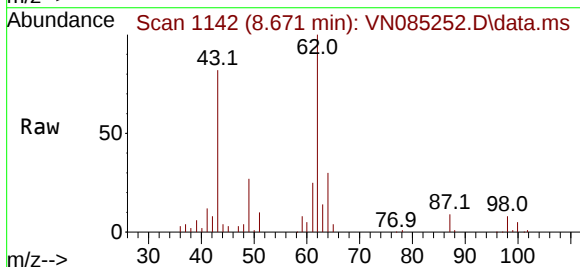
Instrument :
MSVOA_N
ClientSampleId :

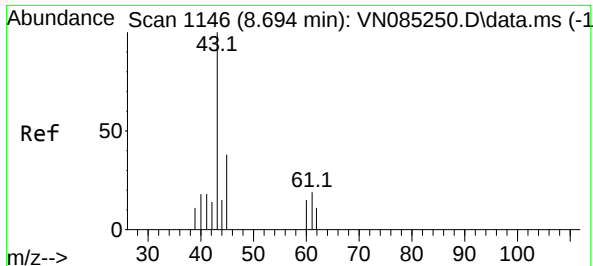
Tgt Ion: 41	Resp: 65451
Ion Ratio	Lower Upper
41 100	
39 57.2	44.0 66.0
67 65.7	56.0 84.0
52 30.4	25.8 38.6



#42
1,2-Dichloroethane
Concen: 51.915 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 62	Resp: 121250
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 16.4





#43

Isopropyl Acetate

Concen: 47.821 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

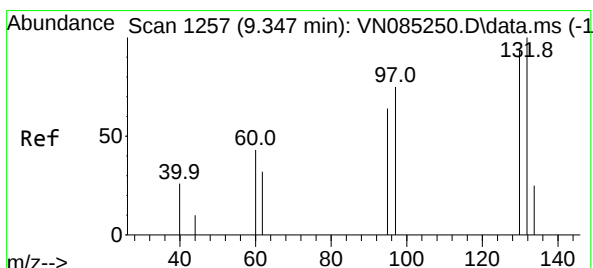
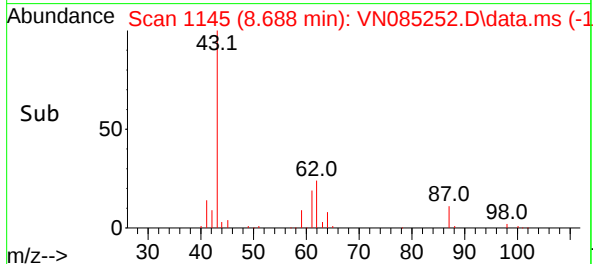
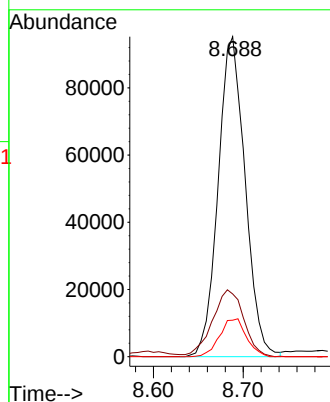
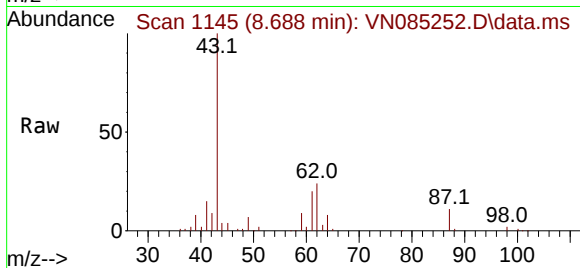
Tgt Ion: 43 Resp: 198852

Ion Ratio Lower Upper

43 100

61 24.2 19.0 28.4

87 11.7 9.3 13.9



#44

Trichloroethene

Concen: 51.368 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085252.D

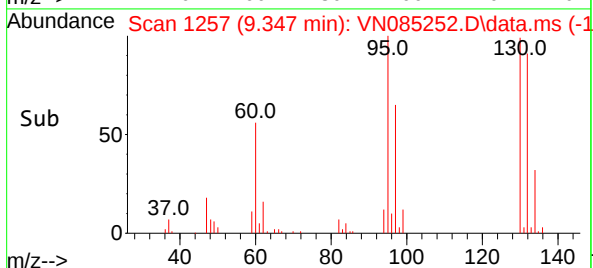
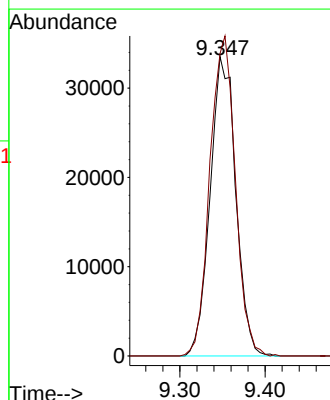
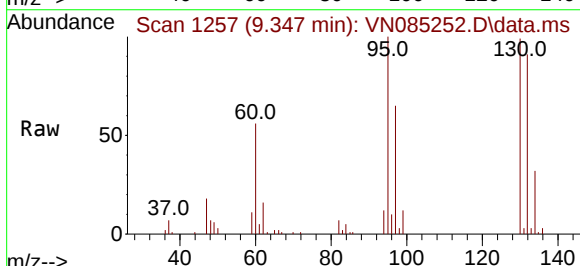
Acq: 18 Dec 2024 15:28

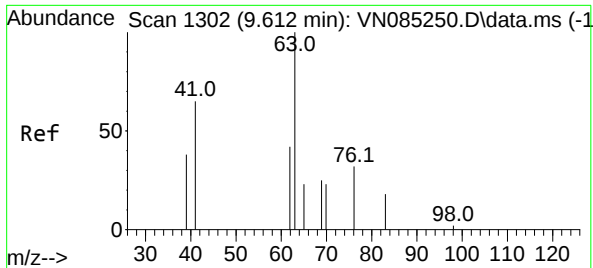
Tgt Ion:130 Resp: 70123

Ion Ratio Lower Upper

130 100

95 101.0 0.0 207.6

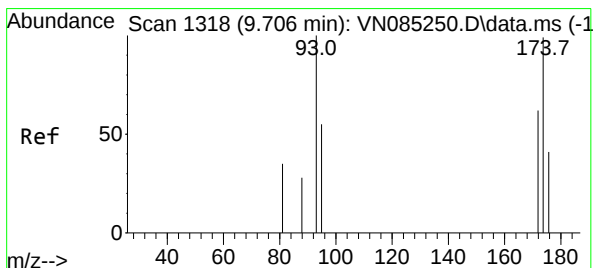
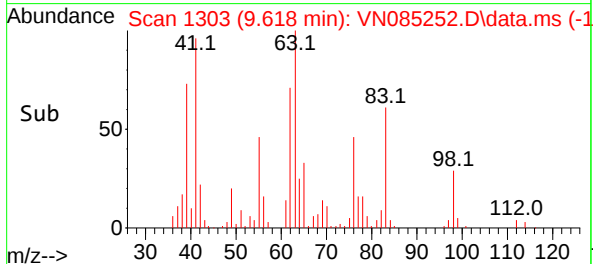
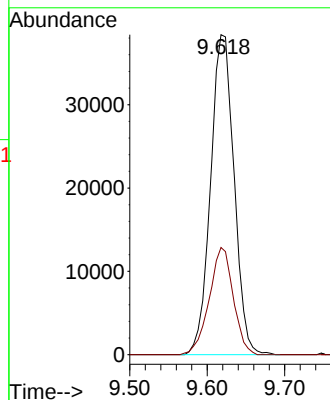
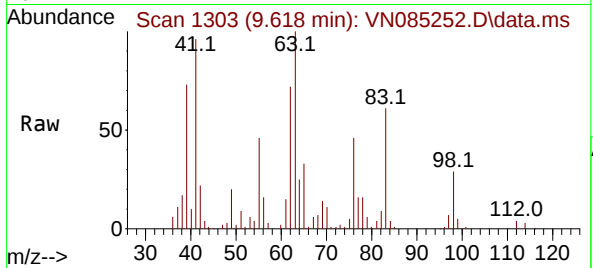




#45
1,2-Dichloropropane
Concen: 53.231 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

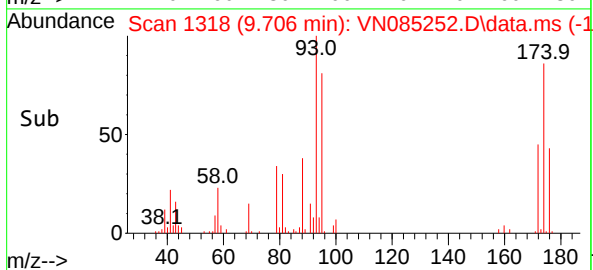
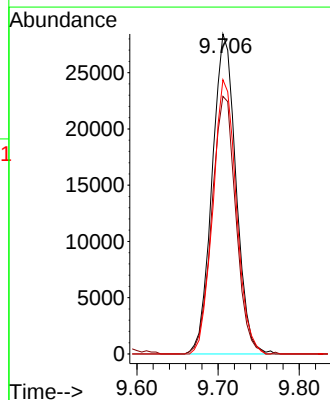
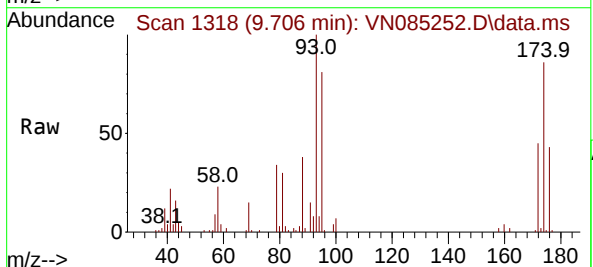
Instrument :
MSVOA_N
ClientSampleId :

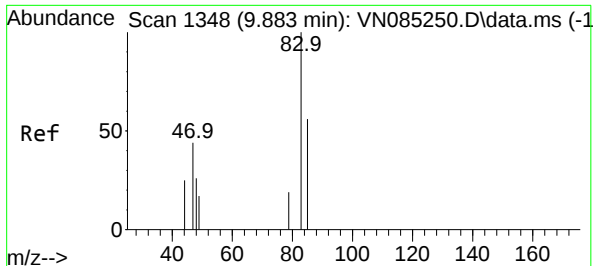
Tgt Ion: 63 Resp: 80814
Ion Ratio Lower Upper
63 100
65 33.5 24.0 36.0



#46
Dibromomethane
Concen: 53.535 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 93 Resp: 58019
Ion Ratio Lower Upper
93 100
95 81.0 67.0 100.6
174 84.3 69.3 103.9

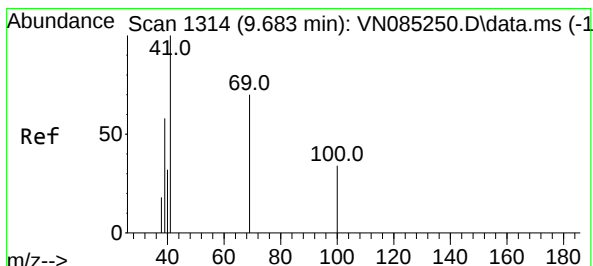
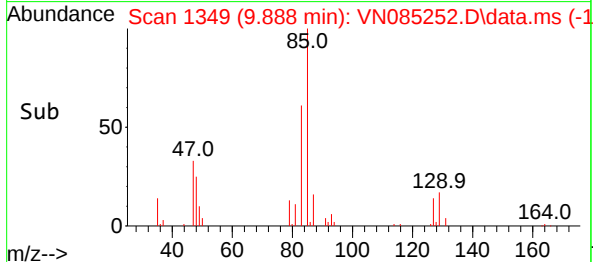
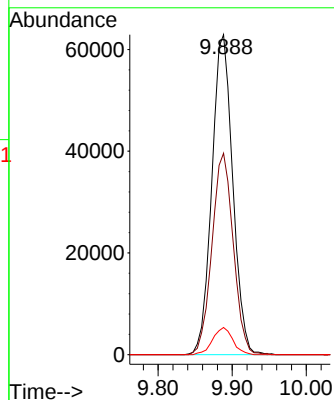
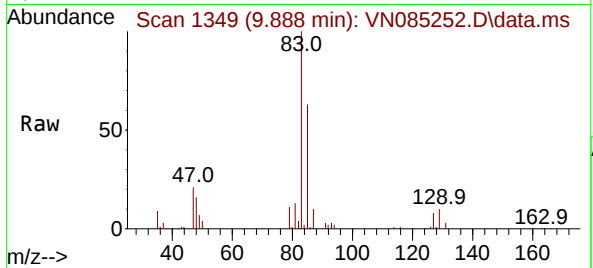




#47
Bromodichloromethane
Concen: 52.981 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

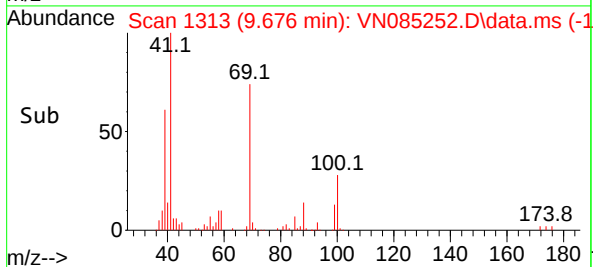
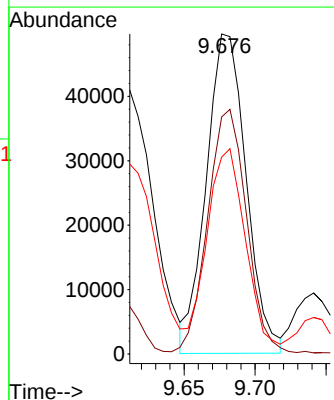
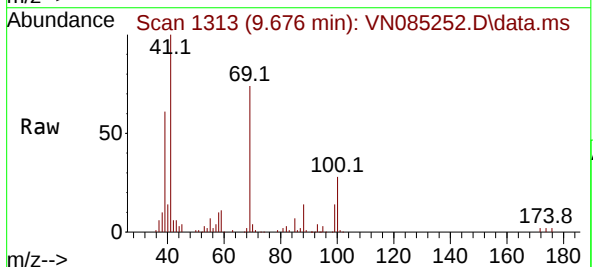
Instrument :
MSVOA_N
ClientSampleId :

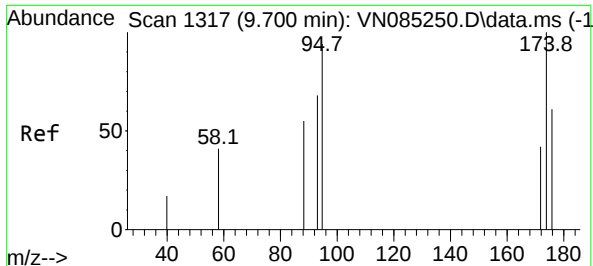
Tgt Ion: 83 Resp: 123021
Ion Ratio Lower Upper
83 100
85 63.0 51.0 76.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 56.867 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 41 Resp: 96934
Ion Ratio Lower Upper
41 100
69 75.3 61.0 91.4
39 63.2 49.8 74.8





#49

1,4-Dioxane

Concen: 1194.626 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

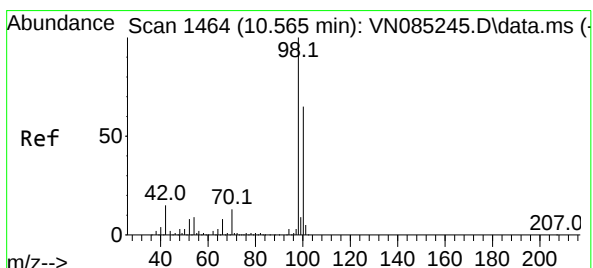
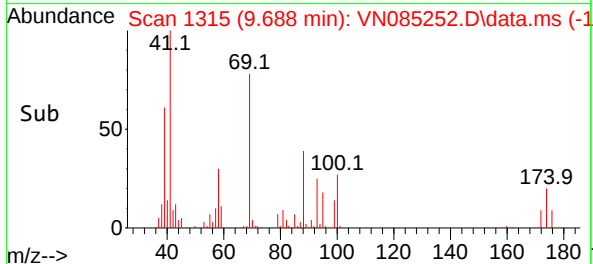
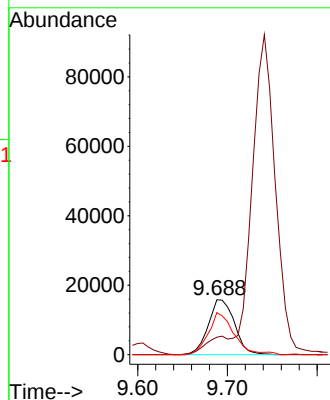
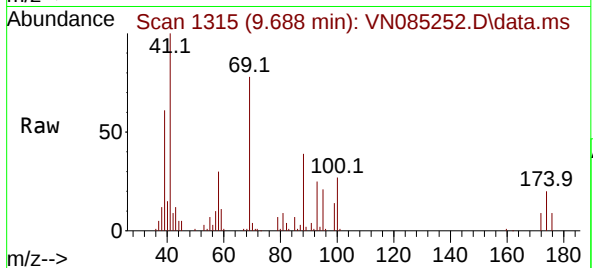
Tgt Ion: 88 Resp: 32106

Ion Ratio Lower Upper

88 100

43 28.5 25.6 38.4

58 74.6 56.5 84.7



#50

Toluene-d8

Concen: 53.722 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085252.D

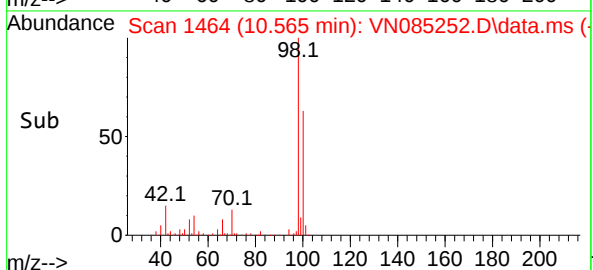
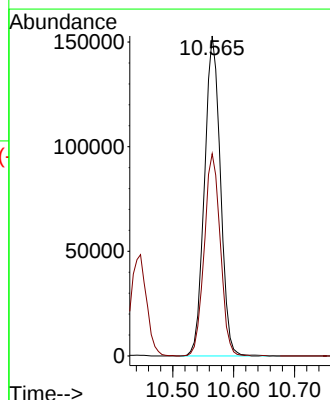
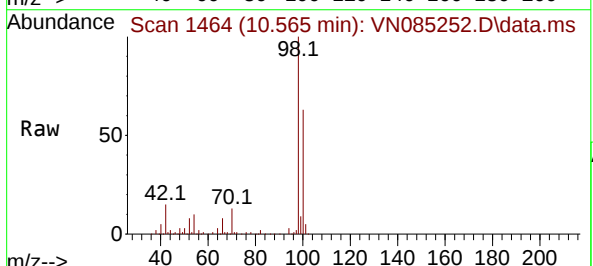
Acq: 18 Dec 2024 15:28

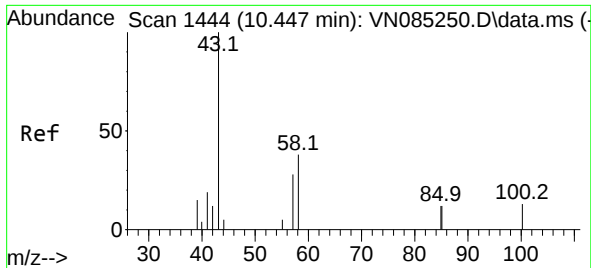
Tgt Ion: 98 Resp: 277928

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 281.847 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

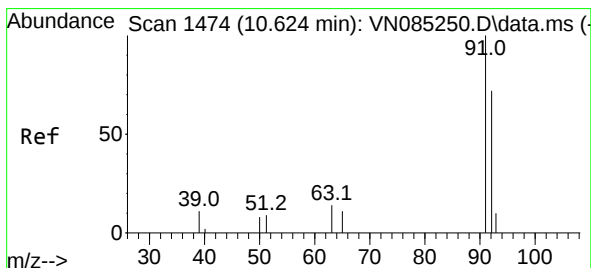
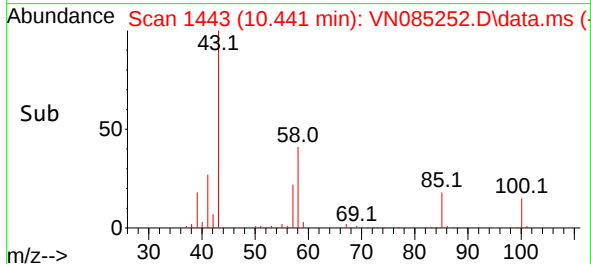
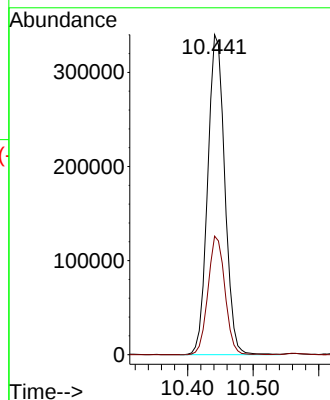
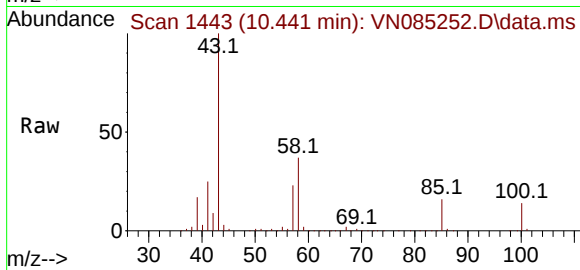
ClientSampleId :

Tgt Ion: 43 Resp: 615797

Ion Ratio Lower Upper

43 100

58 36.7 29.4 44.2



#52

Toluene

Concen: 56.032 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN085252.D

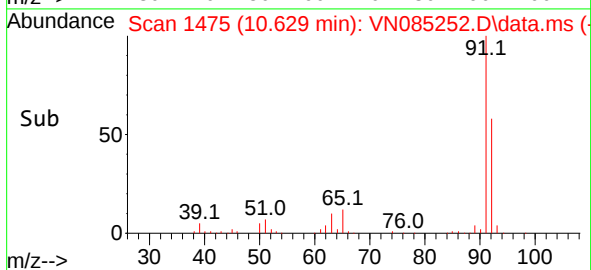
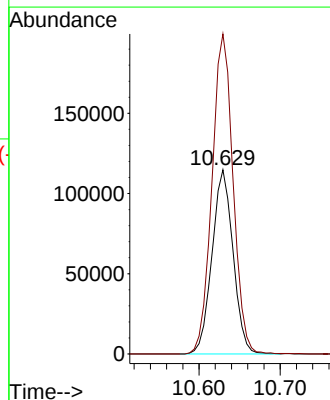
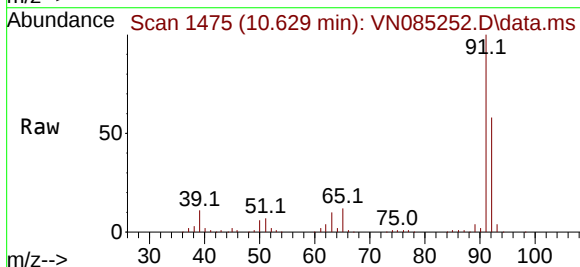
Acq: 18 Dec 2024 15:28

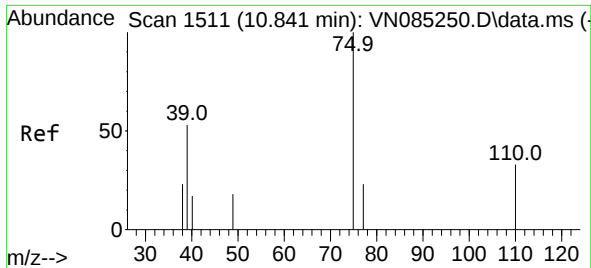
Tgt Ion: 92 Resp: 206579

Ion Ratio Lower Upper

92 100

91 174.3 138.9 208.3

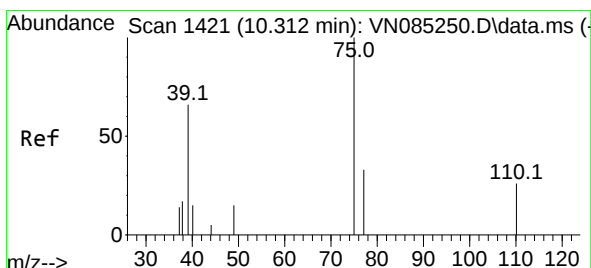
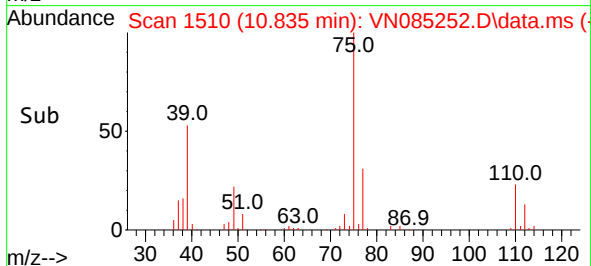
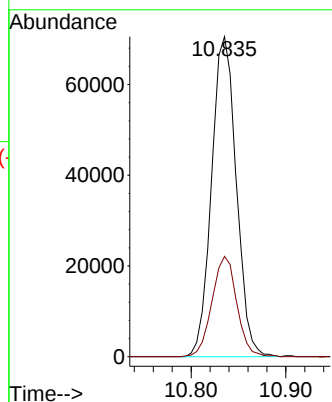
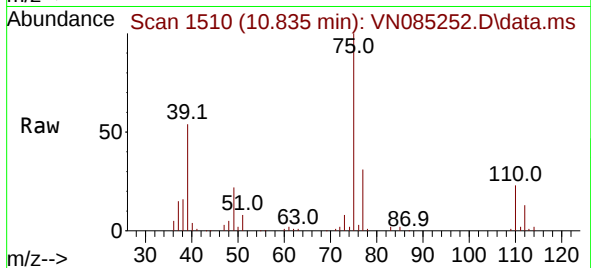




#53
t-1,3-Dichloropropene
Concen: 56.558 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

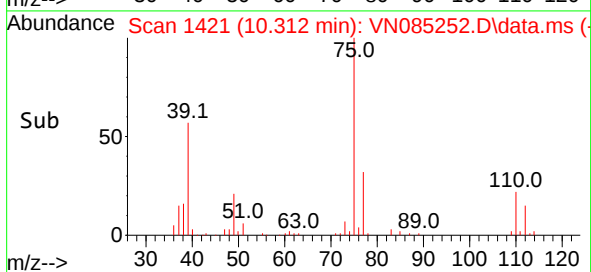
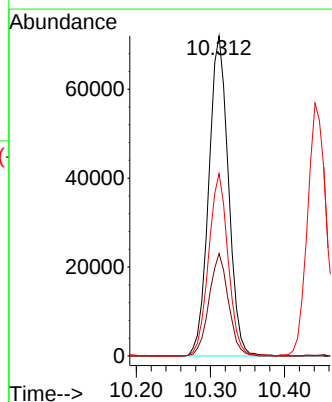
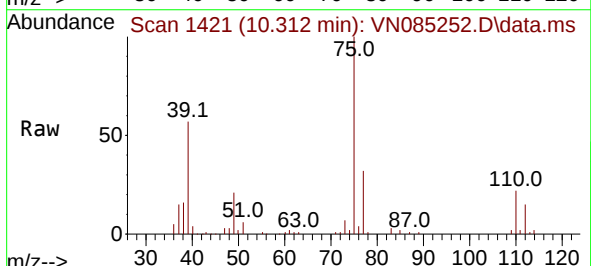
Instrument :
MSVOA_N
ClientSampleId :

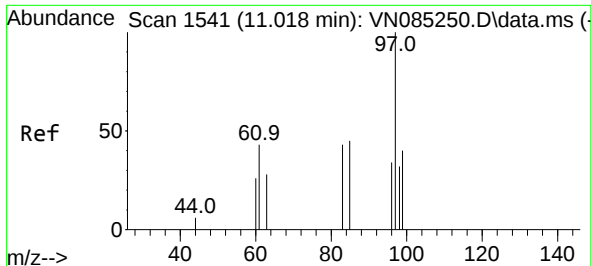
Tgt Ion: 75 Resp: 128008
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 54.993 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

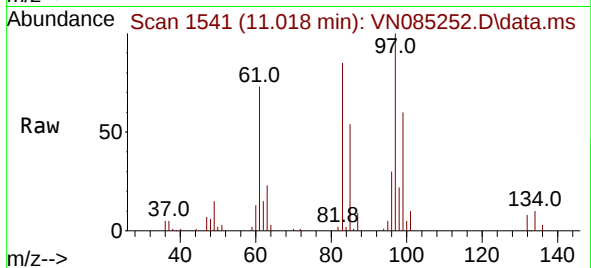
Tgt Ion: 75 Resp: 132334
Ion Ratio Lower Upper
75 100
77 32.0 26.6 39.8
39 57.0 45.3 67.9



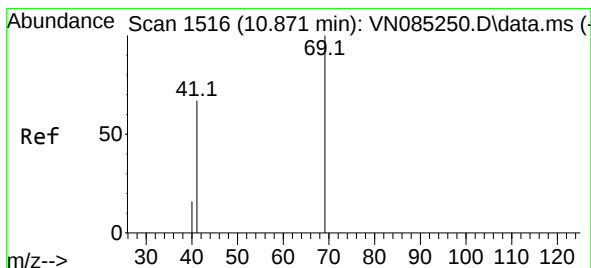
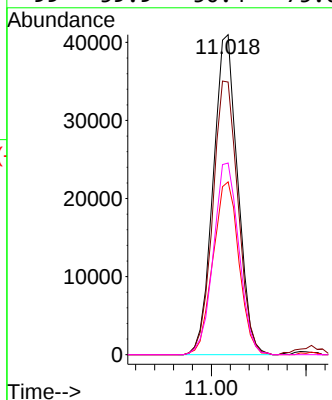
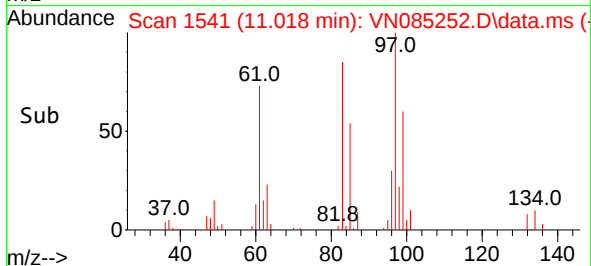


#55
1,1,2-Trichloroethane
Concen: 53.481 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

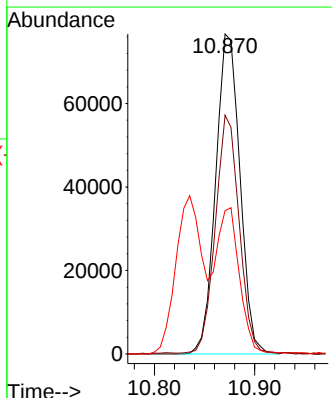
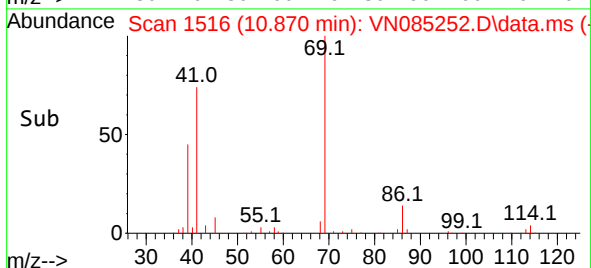
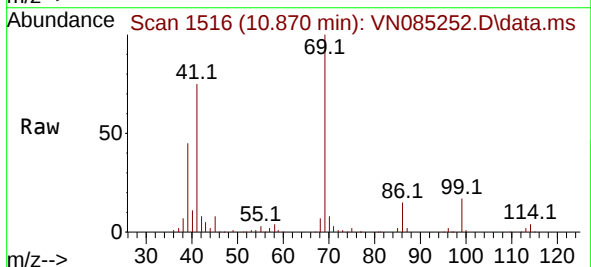


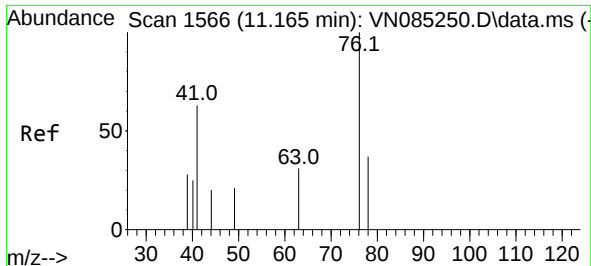
Tgt Ion: 97	Resp: 73831
Ion Ratio	Lower Upper
97 100	
83 85.2	69.6 104.4
85 54.0	45.7 68.5
99 59.9	50.4 75.6



#56
Ethyl methacrylate
Concen: 49.171 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 69	Resp: 128963
Ion Ratio	Lower Upper
69 100	
41 72.5	57.5 86.3
39 44.3	33.4 50.2





#57

1,3-Dichloropropane

Concen: 54.692 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

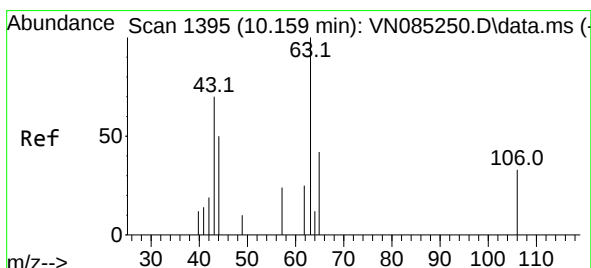
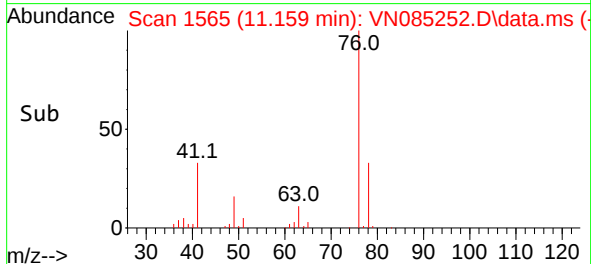
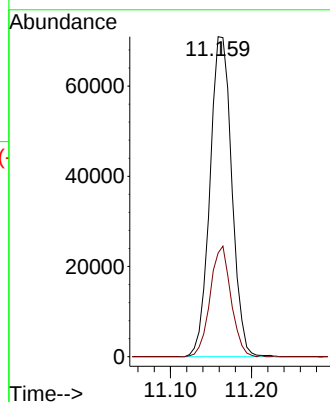
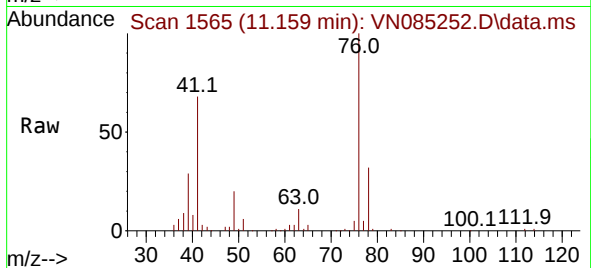
ClientSampleId :

Tgt Ion: 76 Resp: 132887

Ion Ratio Lower Upper

76 100

78 32.9 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 225.002 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085252.D

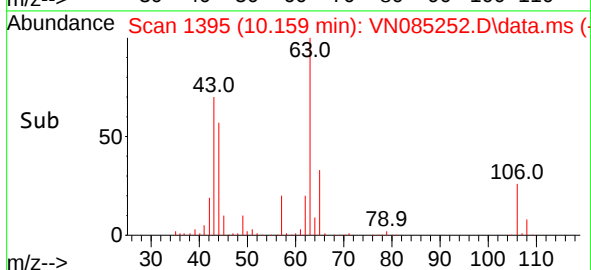
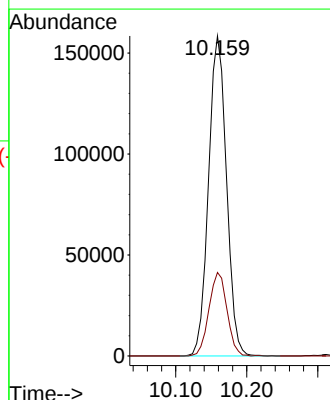
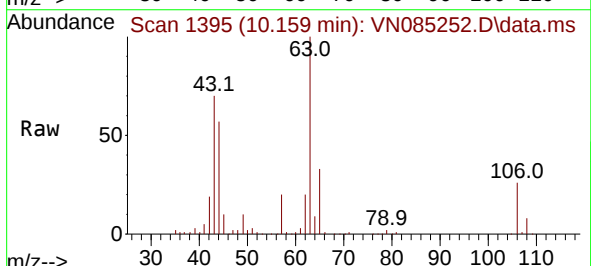
Acq: 18 Dec 2024 15:28

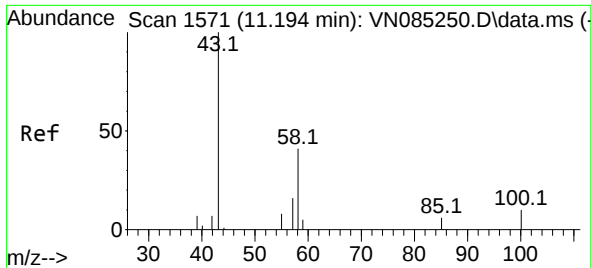
Tgt Ion: 63 Resp: 278019

Ion Ratio Lower Upper

63 100

106 26.2 21.2 31.8

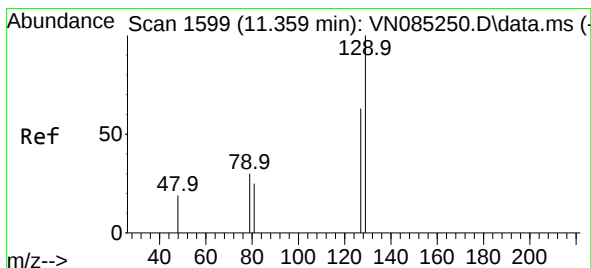
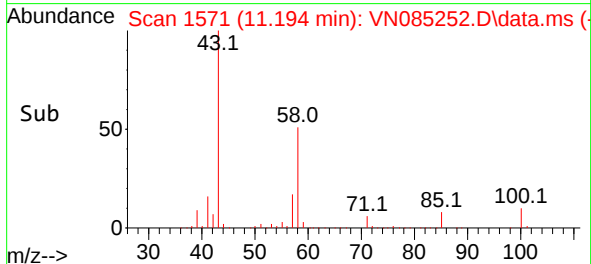
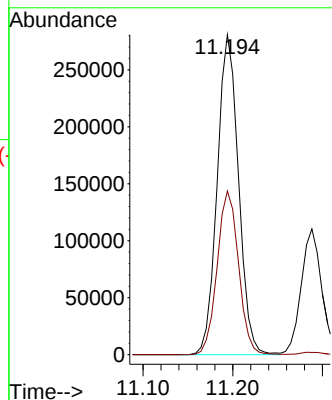
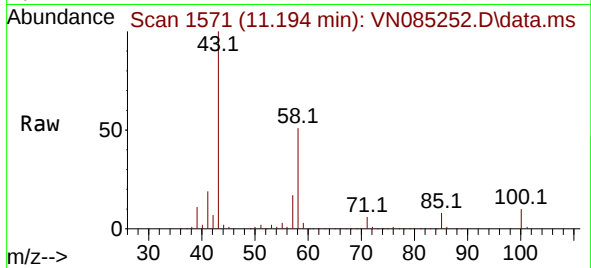




#59
2-Hexanone
Concen: 297.348 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

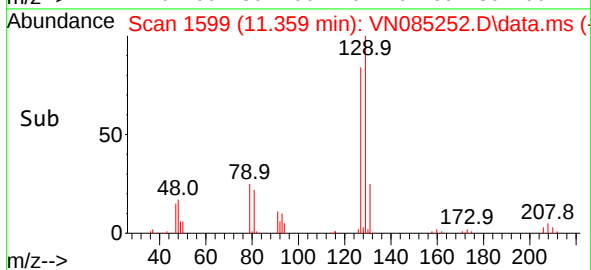
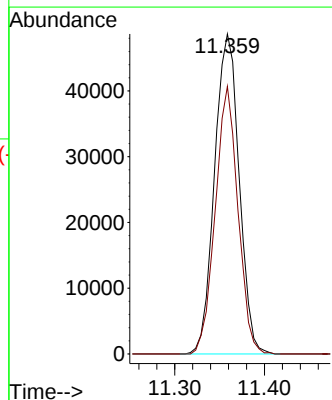
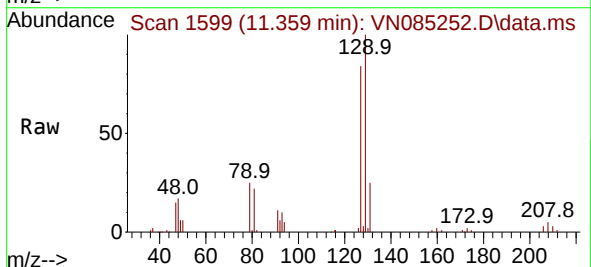
Instrument :
MSVOA_N
ClientSampleId :

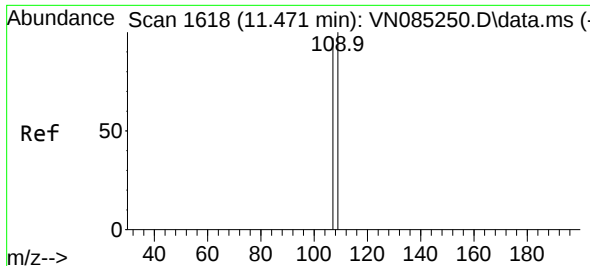
Tgt Ion: 43 Resp: 463104
Ion Ratio Lower Upper
43 100
58 51.3 25.8 77.4



#60
Dibromochloromethane
Concen: 56.551 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion:129 Resp: 92524
Ion Ratio Lower Upper
129 100
127 77.2 39.6 118.8

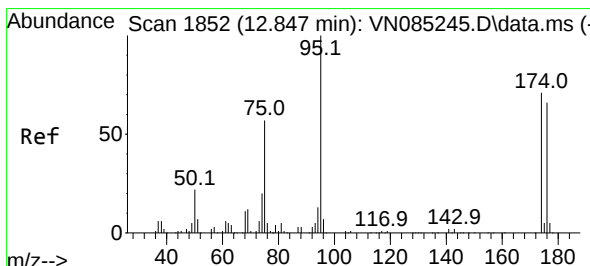
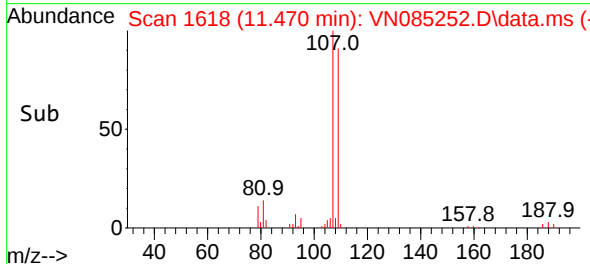
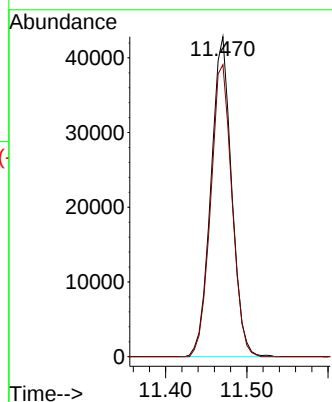
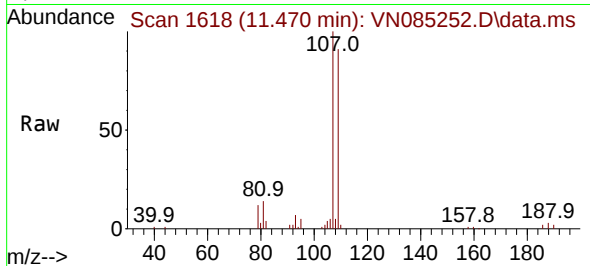




#61
1,2-Dibromoethane
Concen: 53.395 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

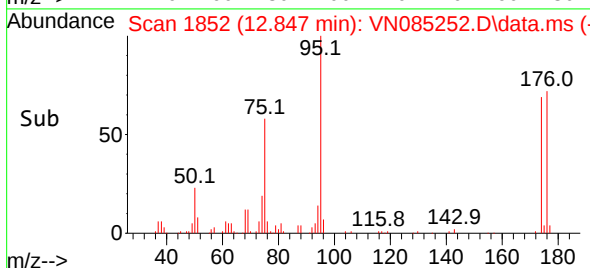
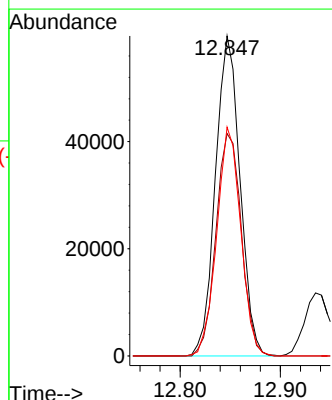
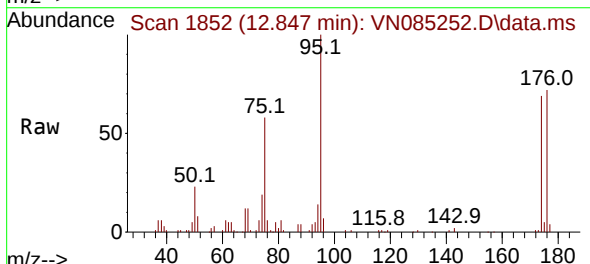
Instrument :
MSVOA_N
ClientSampleId :

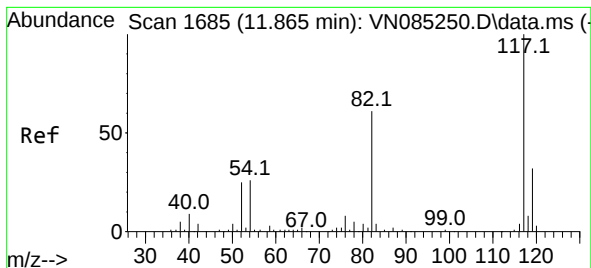
Tgt Ion:107 Resp: 75923
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 54.892 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 95 Resp: 101431
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.4
176 69.9 0.0 136.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

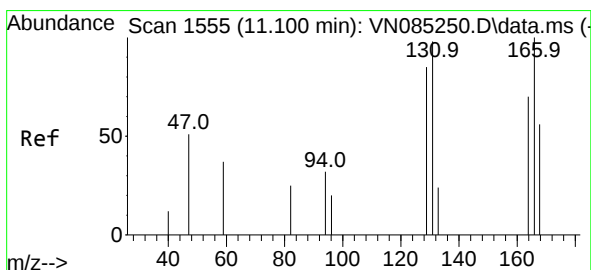
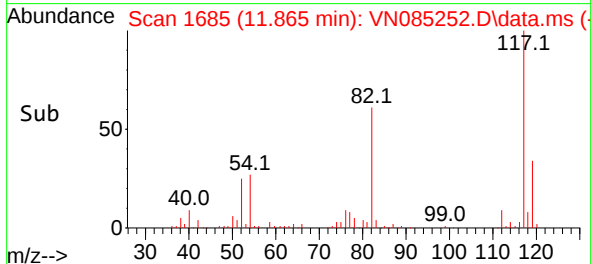
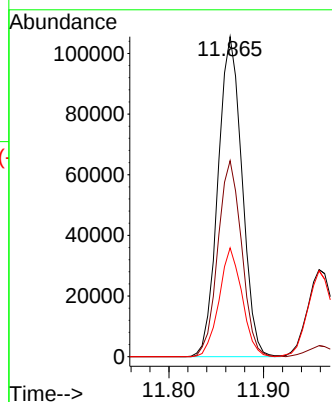
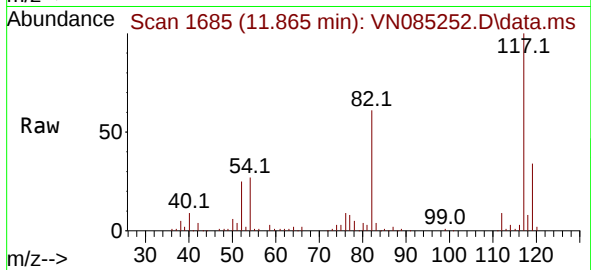
Tgt Ion:117 Resp: 186269

Ion Ratio Lower Upper

117 100

82 61.3 47.4 71.2

119 34.0 25.6 38.4



#64

Tetrachloroethene

Concen: 50.789 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Tgt Ion:164 Resp: 63660

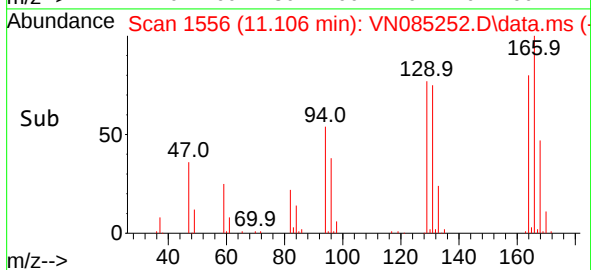
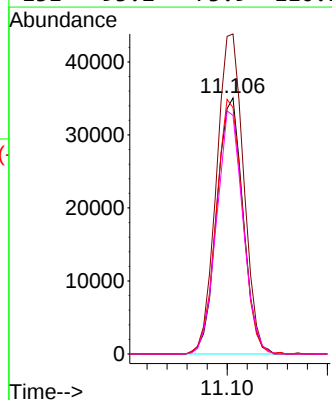
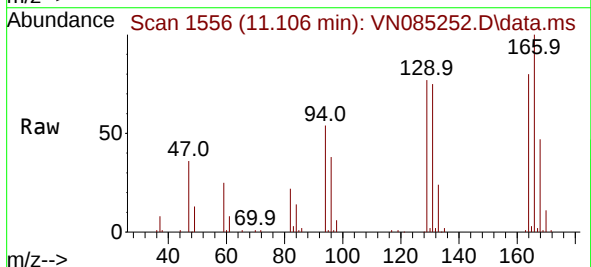
Ion Ratio Lower Upper

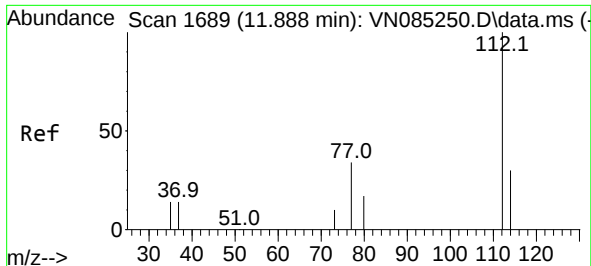
164 100

166 125.0 101.5 152.3

129 96.2 79.4 119.2

131 93.2 73.9 110.9

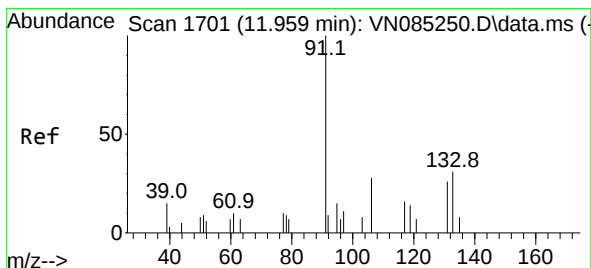
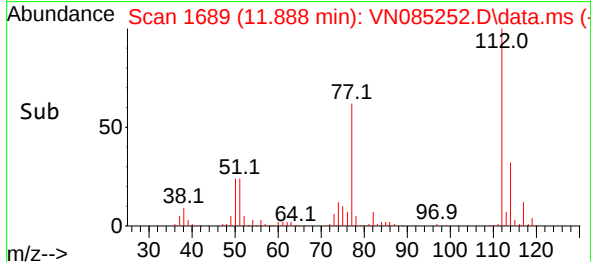
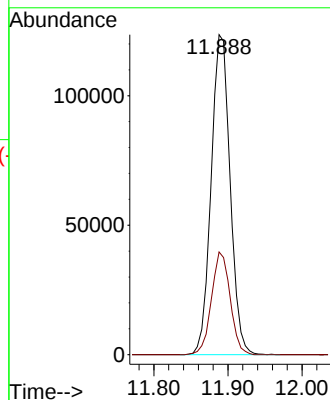
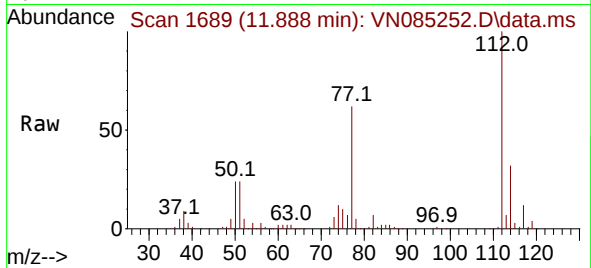




#65
Chlorobenzene
Concen: 52.426 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

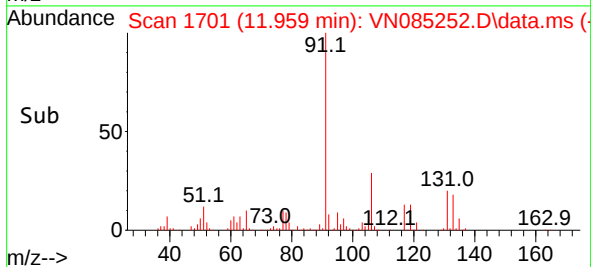
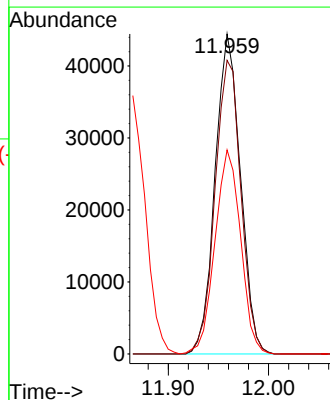
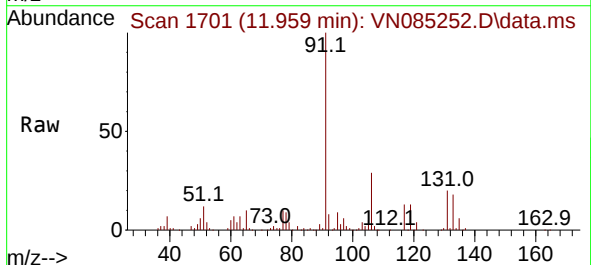
Instrument :
MSVOA_N
ClientSampleId :

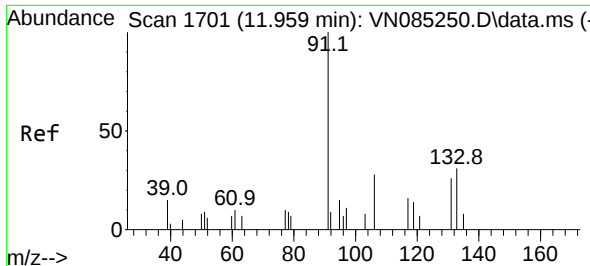
Tgt Ion:112 Resp: 219513
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.465 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion:131 Resp: 78102
Ion Ratio Lower Upper
131 100
133 93.8 48.6 145.8
119 64.6 32.5 97.5





#67

Ethyl Benzene

Concen: 56.080 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

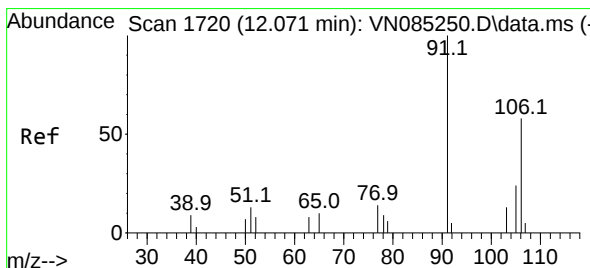
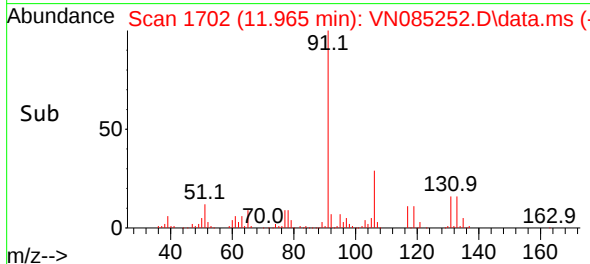
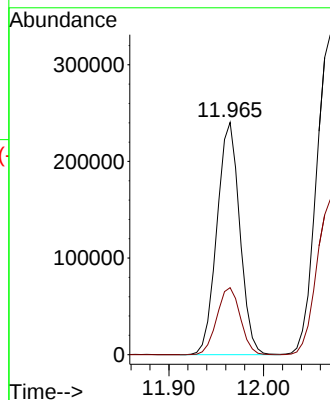
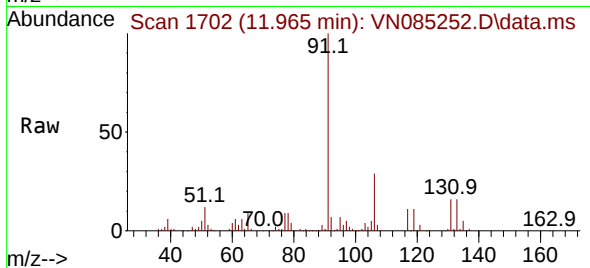
ClientSampleId :

Tgt Ion: 91 Resp: 402467

Ion Ratio Lower Upper

91 100

106 28.9 23.5 35.3



#68

m/p-Xylenes

Concen: 114.719 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085252.D

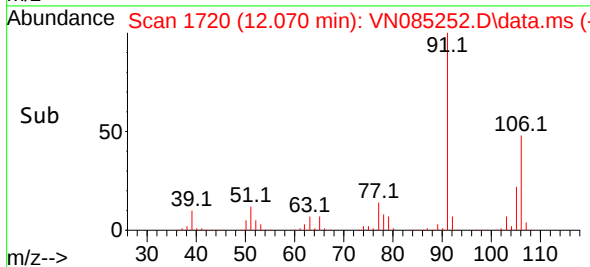
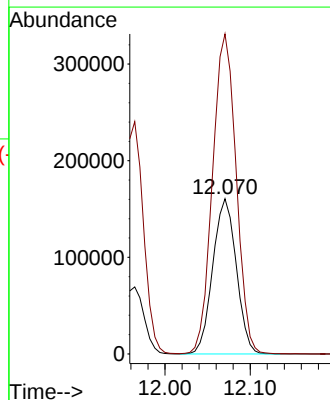
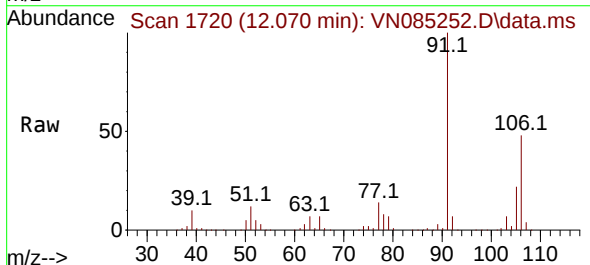
Acq: 18 Dec 2024 15:28

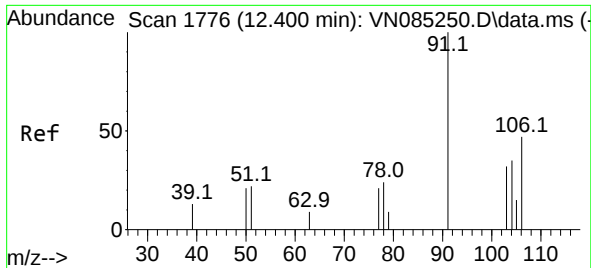
Tgt Ion:106 Resp: 307924

Ion Ratio Lower Upper

106 100

91 207.0 168.3 252.5

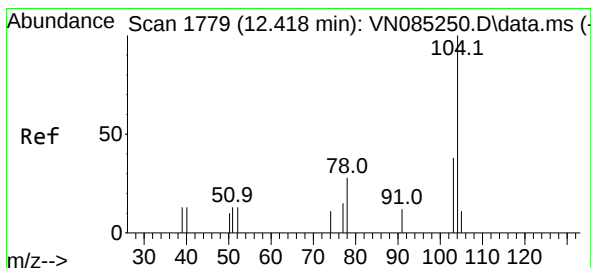
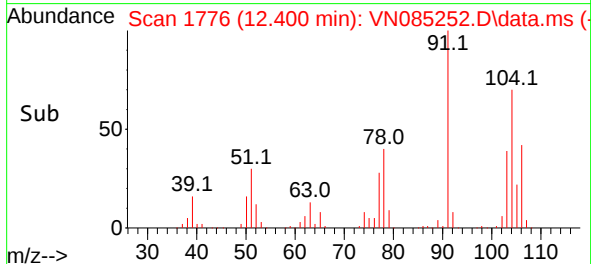
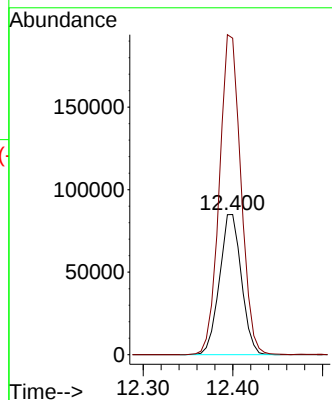
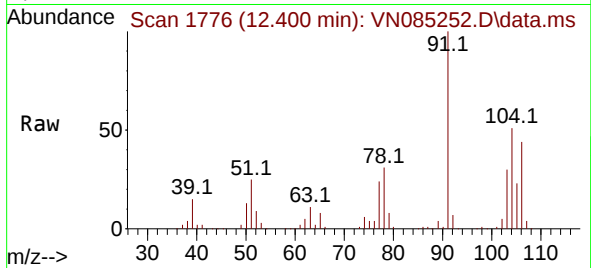




#69
o-Xylene
Concen: 57.023 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

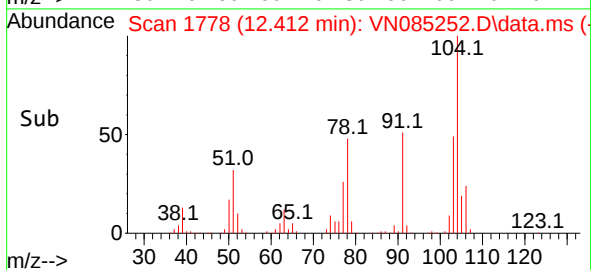
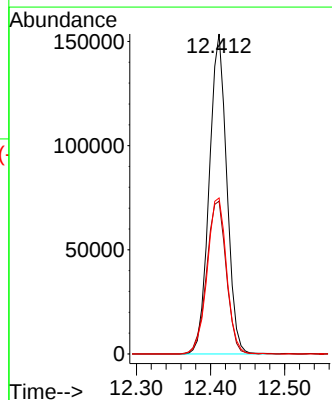
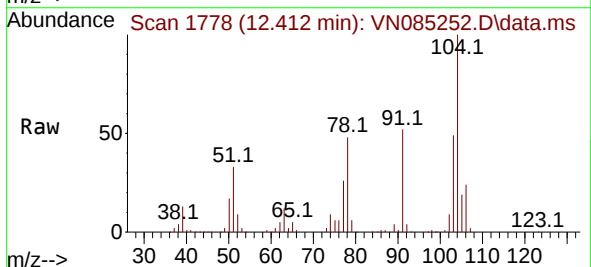
Instrument :
MSVOA_N
ClientSampleId :

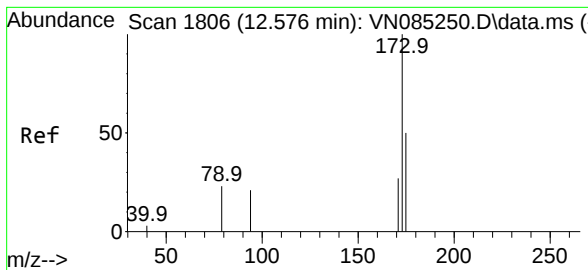
Tgt Ion:106 Resp: 143866
Ion Ratio Lower Upper
106 100
91 224.5 112.1 336.2



#70
Styrene
Concen: 60.003 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion:104 Resp: 252729
Ion Ratio Lower Upper
104 100
78 53.5 43.2 64.8
103 53.9 44.6 66.8





#71

Bromoform

Concen: 55.061 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

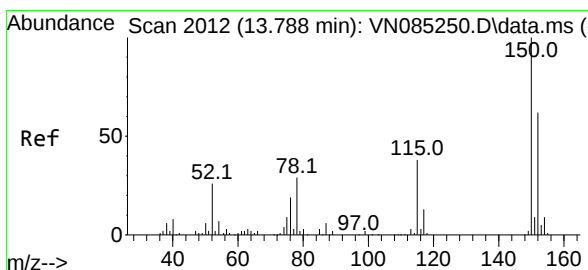
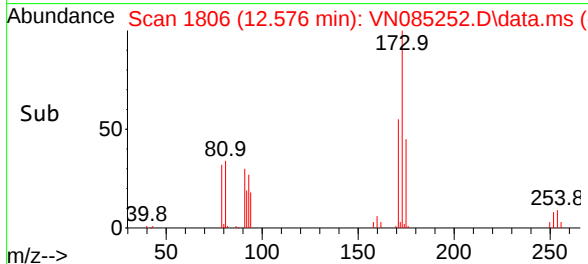
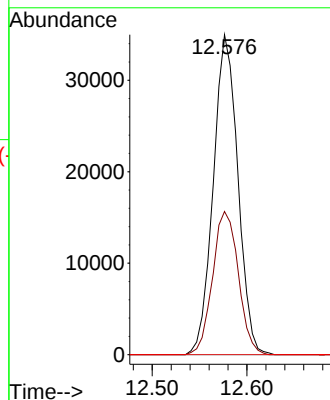
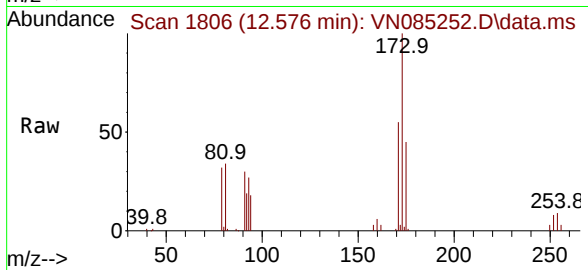
Tgt Ion:173 Resp: 63048

Ion Ratio Lower Upper

173 100

175 46.9 24.5 73.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

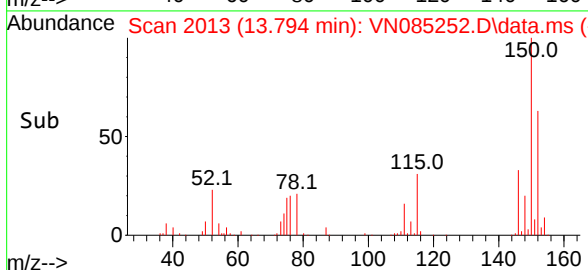
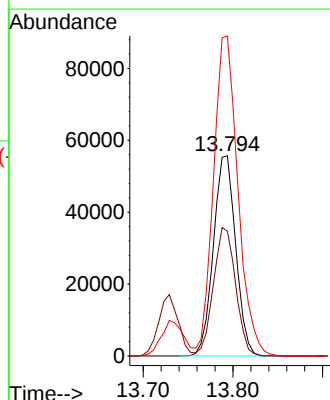
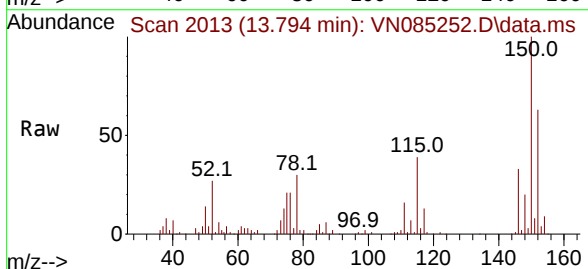
Tgt Ion:152 Resp: 96041

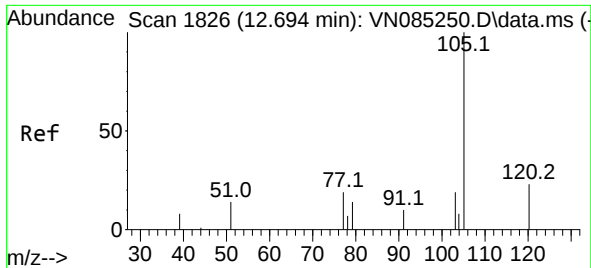
Ion Ratio Lower Upper

152 100

115 63.7 32.1 96.3

150 175.2 0.0 354.6

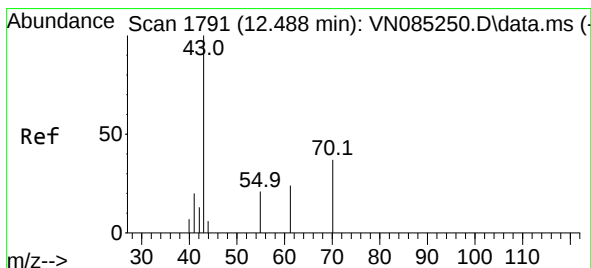
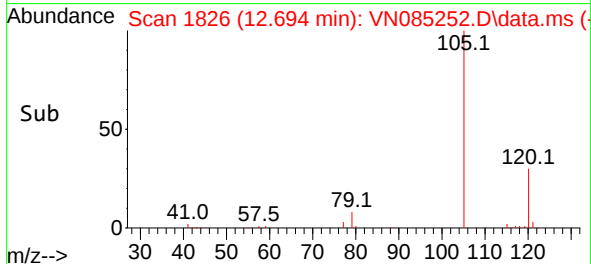
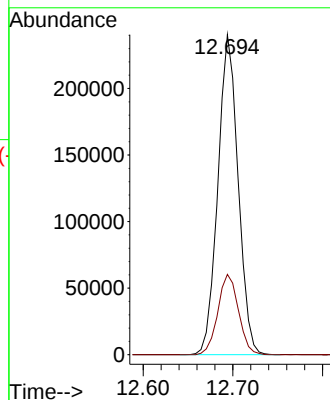
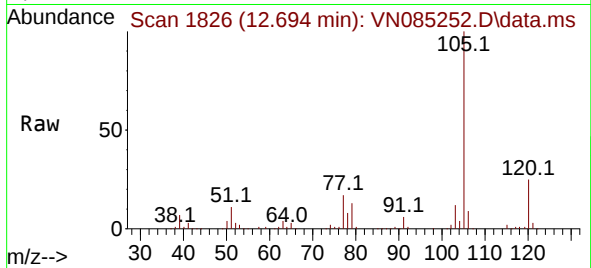




#73
Isopropylbenzene
Concen: 54.303 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

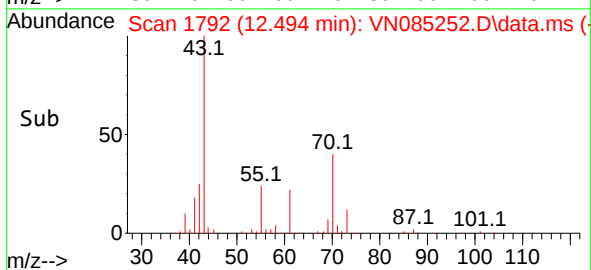
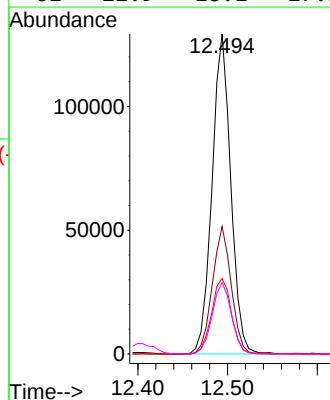
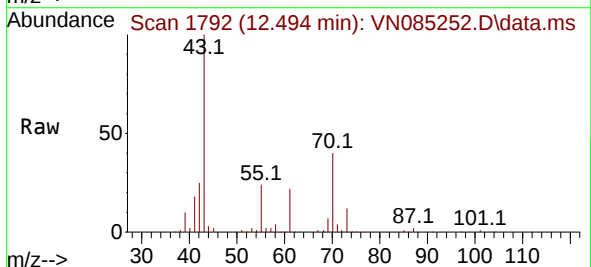
Instrument :
MSVOA_N
ClientSampleId :

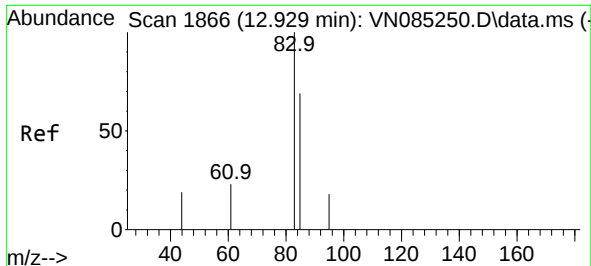
Tgt Ion:105 Resp: 376220
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 54.159 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 43 Resp: 187408
Ion Ratio Lower Upper
43 100
70 40.1 31.5 47.3
55 24.9 19.0 28.4
61 22.9 18.1 27.1

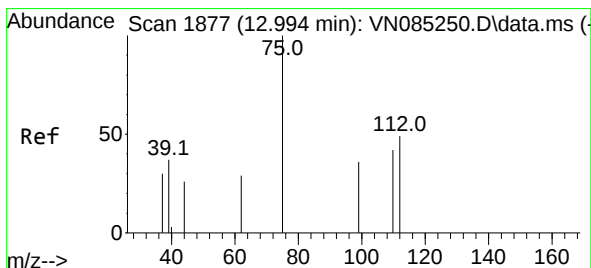
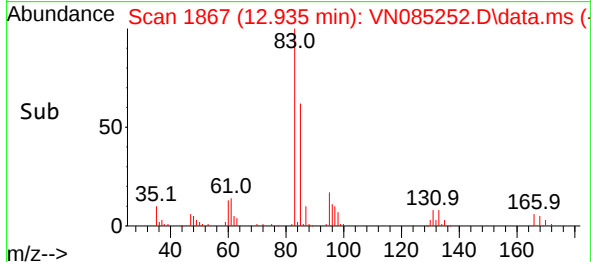
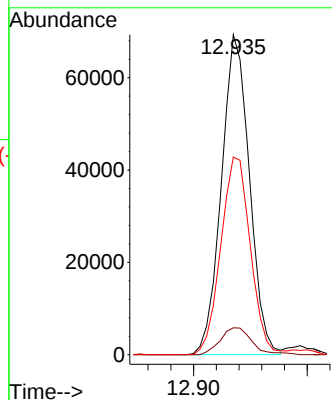
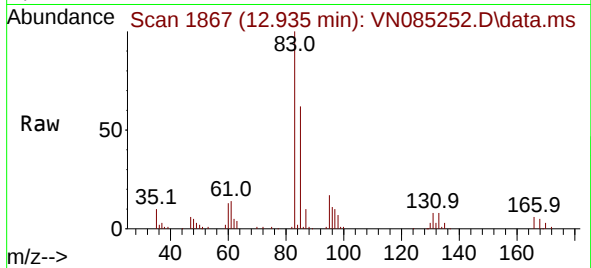




#75
1,1,2,2-Tetrachloroethane
Concen: 48.027 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

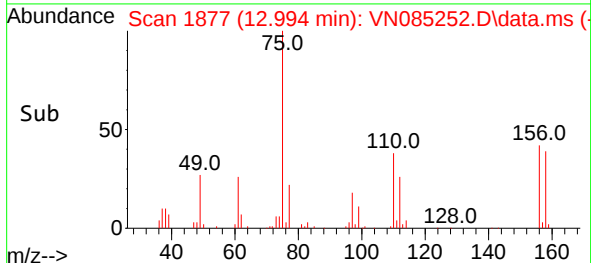
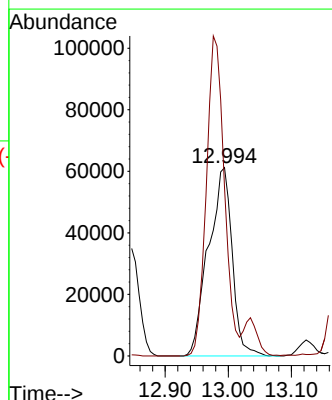
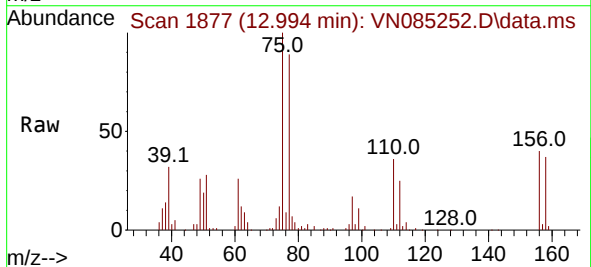
Instrument :
MSVOA_N
ClientSampleId :

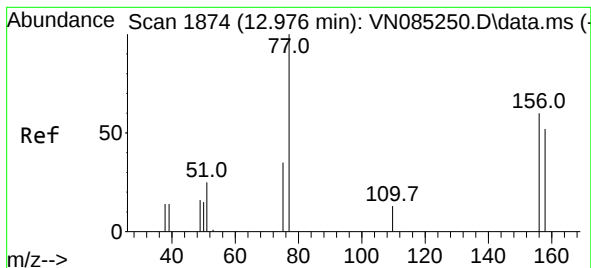
Tgt Ion: 83 Resp: 118555
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 65.3 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 69.683 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 75 Resp: 159525
Ion Ratio Lower Upper
75 100
77 129.2 102.6 307.7





#77

Bromobenzene

Concen: 47.993 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

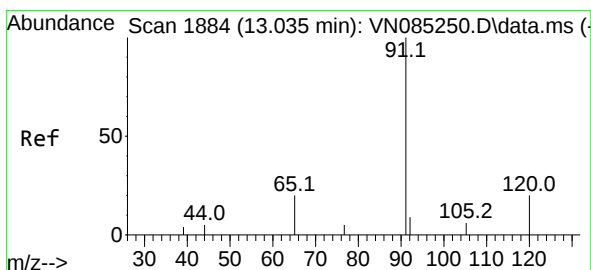
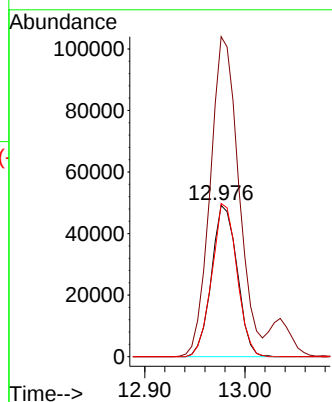
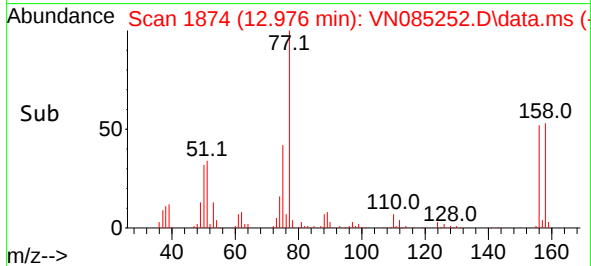
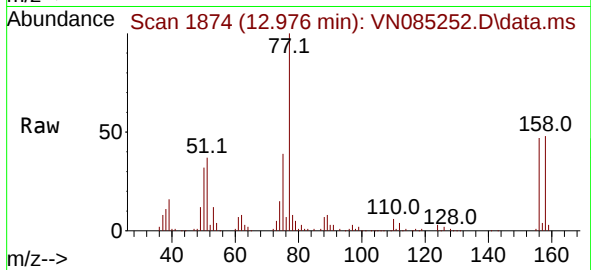
Tgt Ion:156 Resp: 87301

Ion Ratio Lower Upper

156 100

77 236.0 115.8 347.3

158 99.1 47.9 143.7



#78

n-propylbenzene

Concen: 54.923 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN085252.D

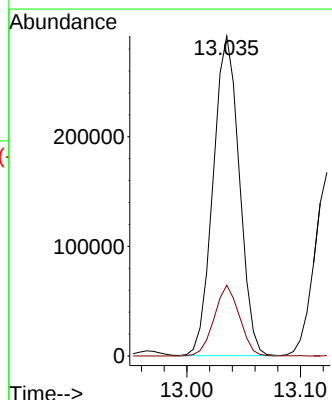
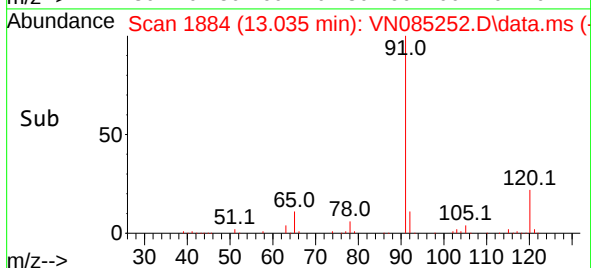
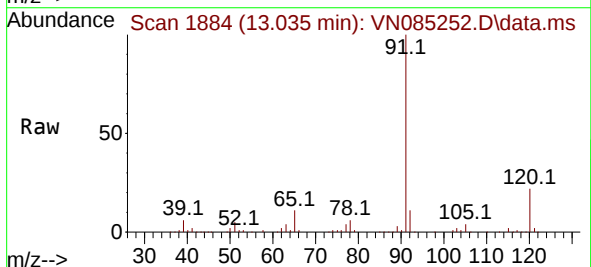
Acq: 18 Dec 2024 15:28

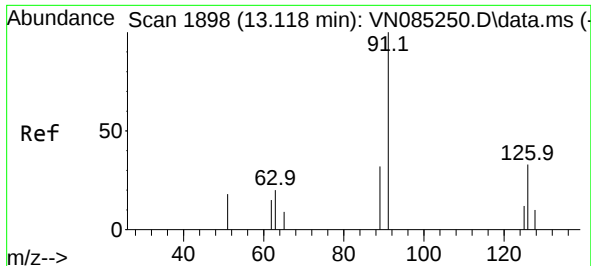
Tgt Ion: 91 Resp: 466664

Ion Ratio Lower Upper

91 100

120 21.3 10.8 32.3

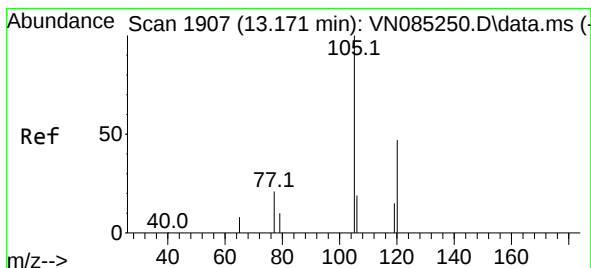
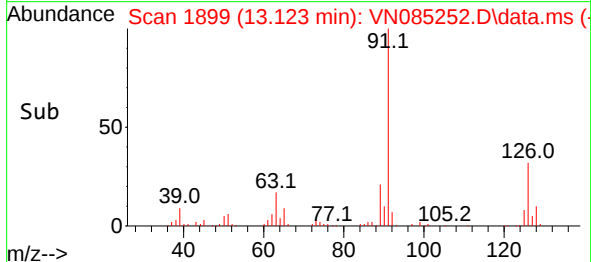
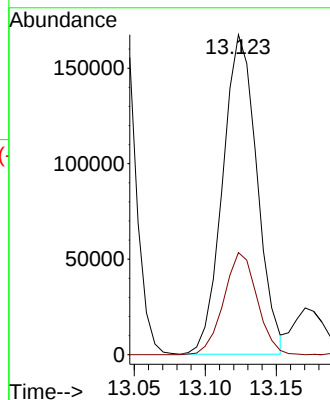
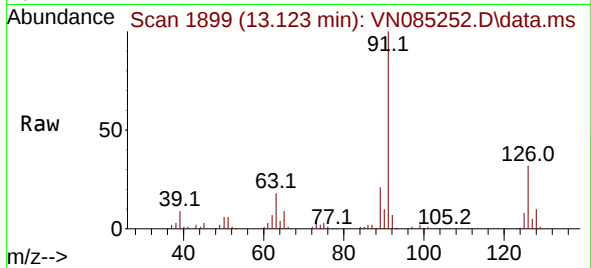




#79
2-Chlorotoluene
Concen: 52.185 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

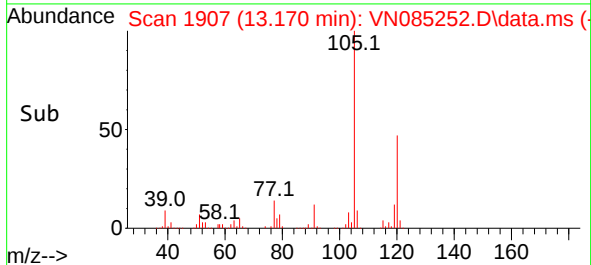
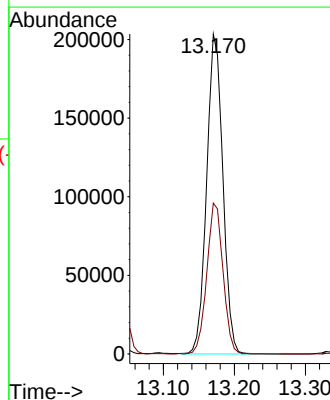
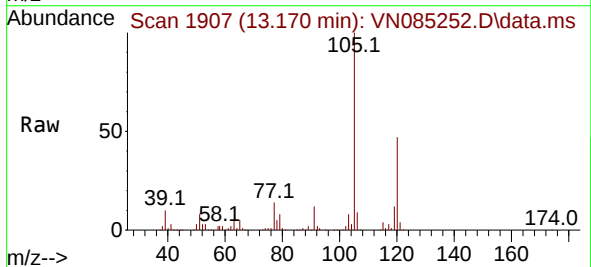
Instrument :
MSVOA_N
ClientSampleId :

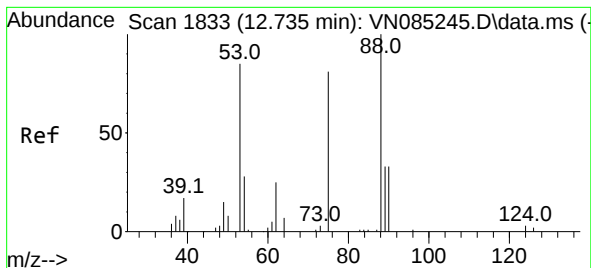
Tgt Ion: 91 Resp: 281525
Ion Ratio Lower Upper
91 100
126 31.0 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 55.885 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion:105 Resp: 322948
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.2

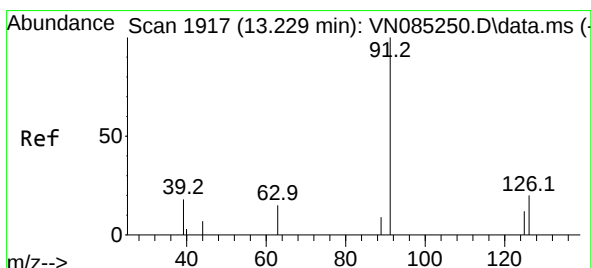
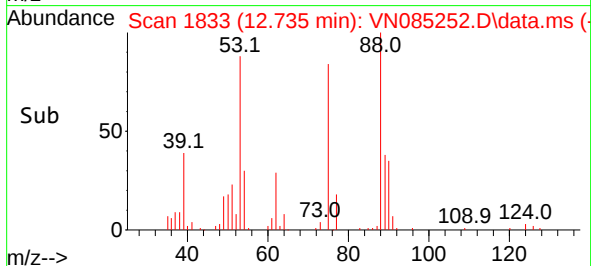
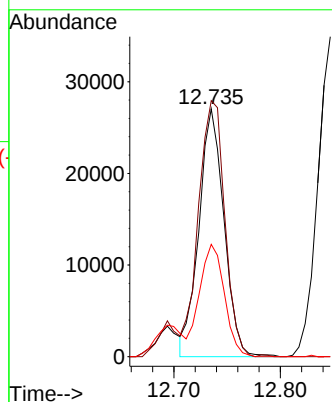
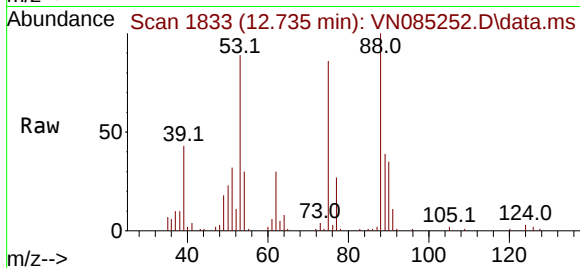




#81
trans-1,4-Dichloro-2-butene
Concen: 51.405 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

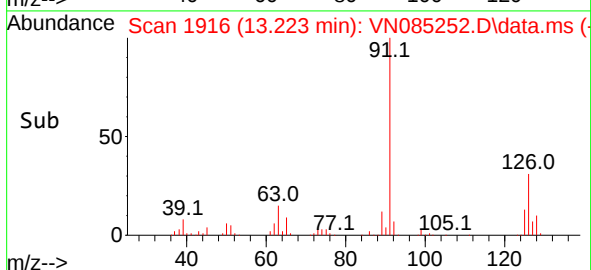
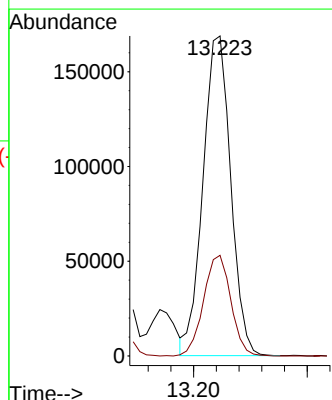
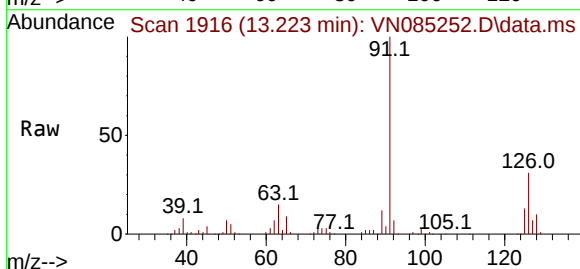
Instrument :
MSVOA_N
ClientSampleId :

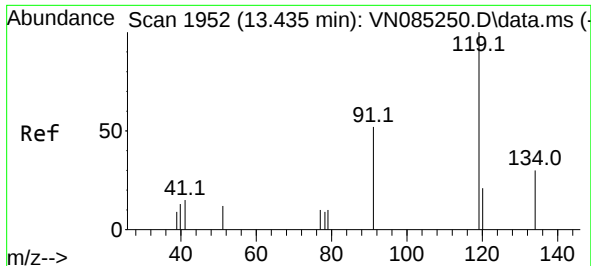
Tgt Ion: 75 Resp: 44319
Ion Ratio Lower Upper
75 100
53 108.3 84.9 127.3
89 44.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.442 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 91 Resp: 286287
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8

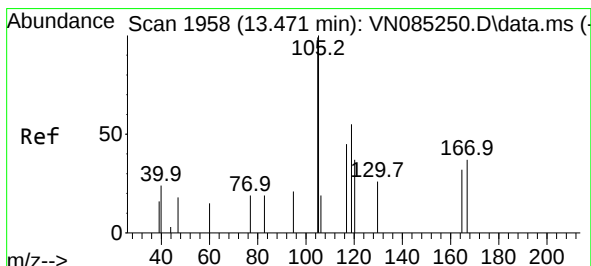
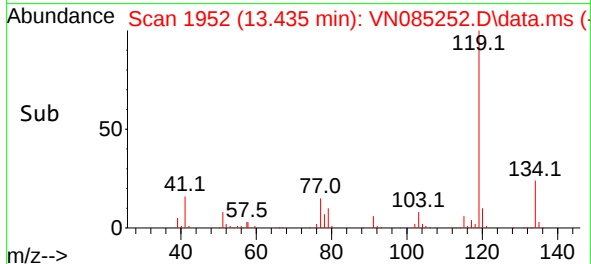
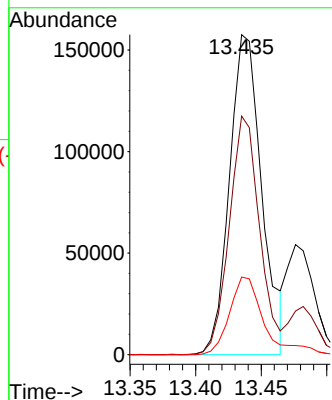
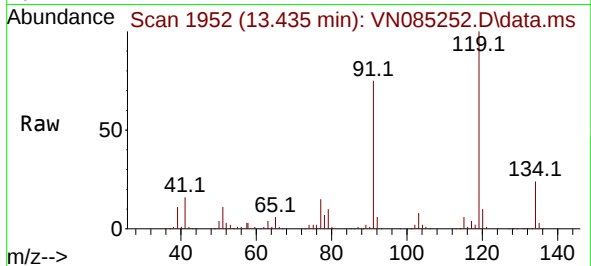




#83
tert-Butylbenzene
Concen: 55.108 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

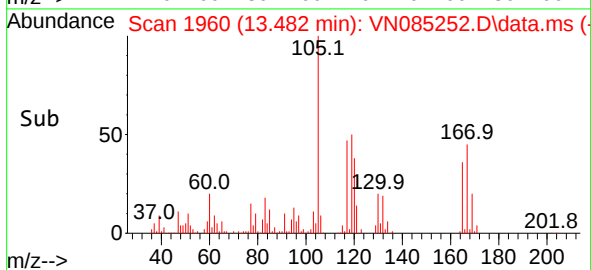
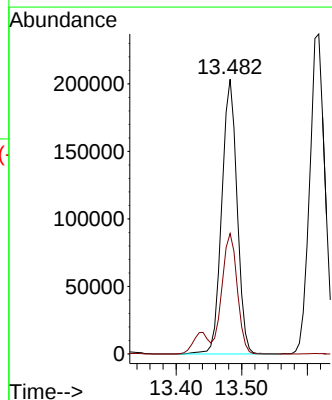
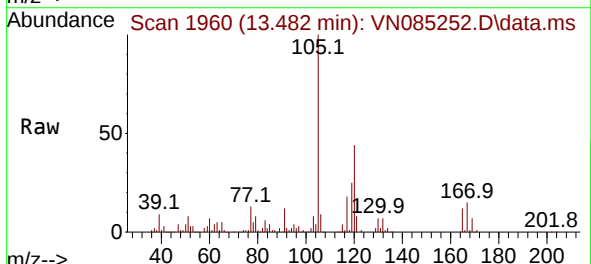
Instrument :
MSVOA_N
ClientSampleId :

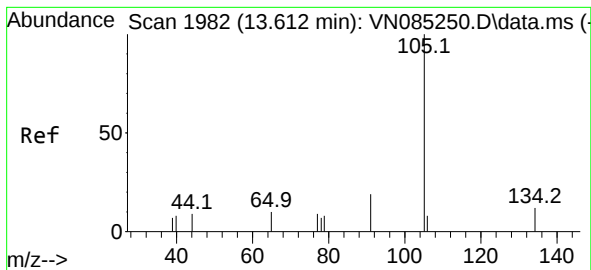
Tgt Ion:119 Resp: 270071
Ion Ratio Lower Upper
119 100
91 70.3 36.3 108.7
134 25.9 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 55.555 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion:105 Resp: 328162
Ion Ratio Lower Upper
105 100
120 43.9 21.8 65.3





#85

sec-Butylbenzene

Concen: 55.931 ug/l

RT: 13.617 min Scan# 1982

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

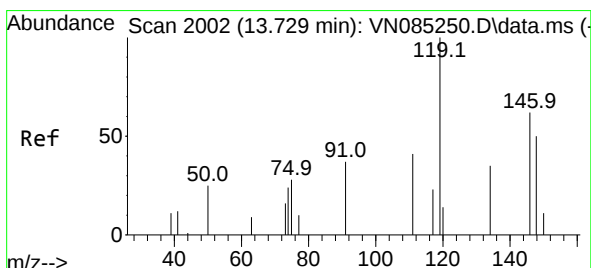
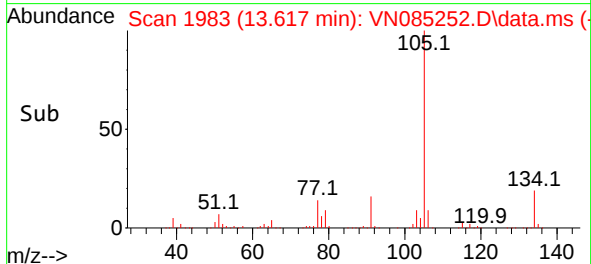
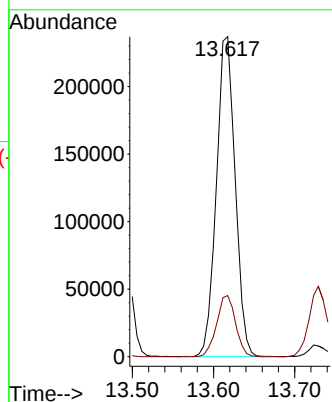
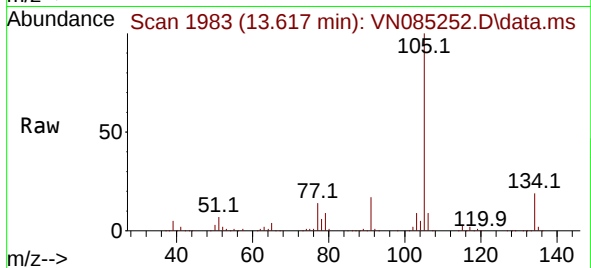
ClientSampleId :

Tgt Ion:105 Resp: 382146

Ion Ratio Lower Upper

105 100

134 19.2 9.4 28.3



#86

p-Isopropyltoluene

Concen: 48.357 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

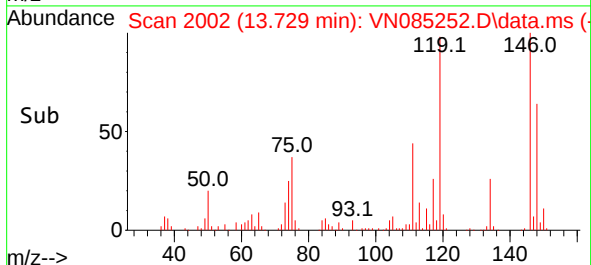
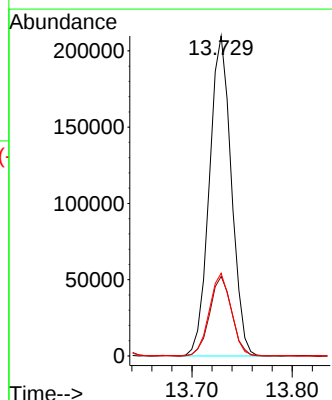
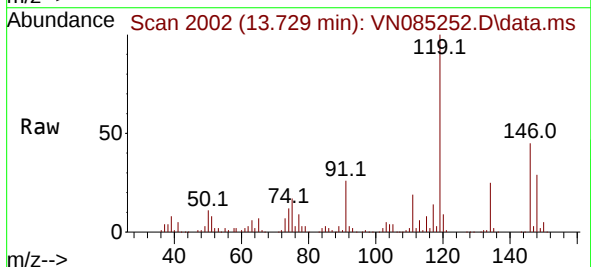
Tgt Ion:119 Resp: 319260

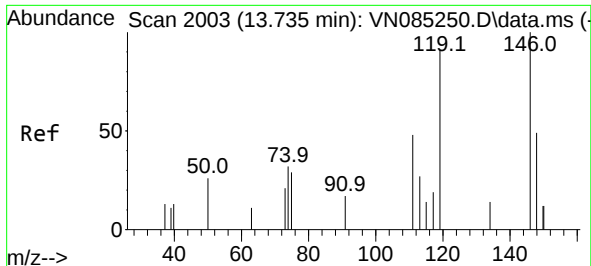
Ion Ratio Lower Upper

119 100

134 24.9 12.5 37.5

91 25.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 49.112 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

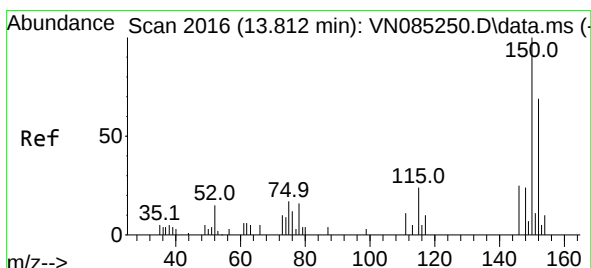
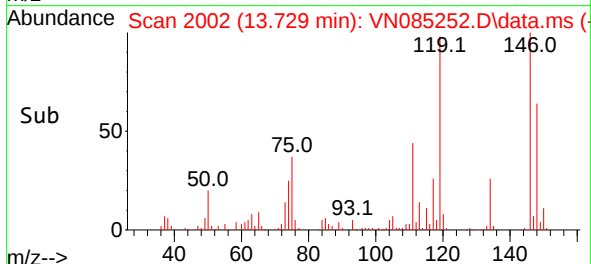
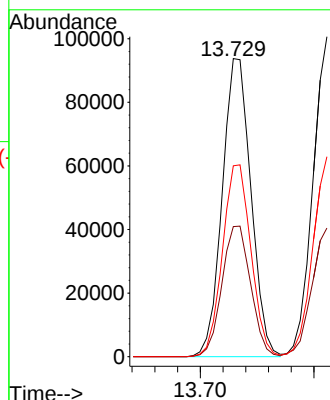
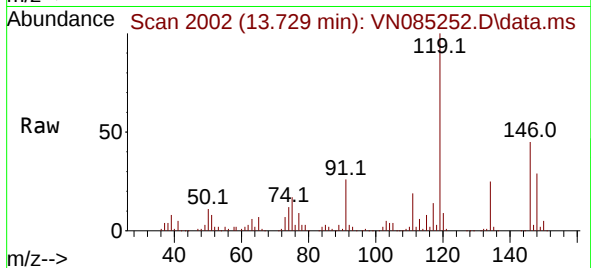
Tgt Ion:146 Resp: 164519

Ion Ratio Lower Upper

146 100

111 43.8 21.5 64.5

148 63.8 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 47.820 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

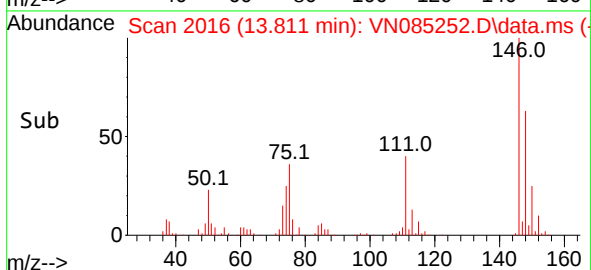
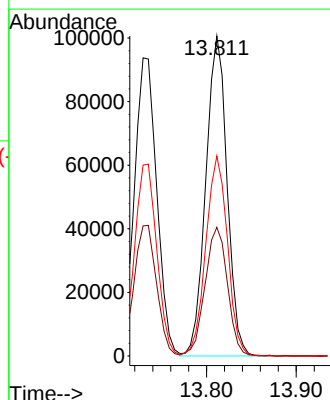
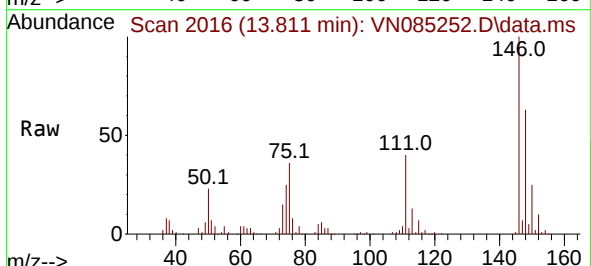
Tgt Ion:146 Resp: 165750

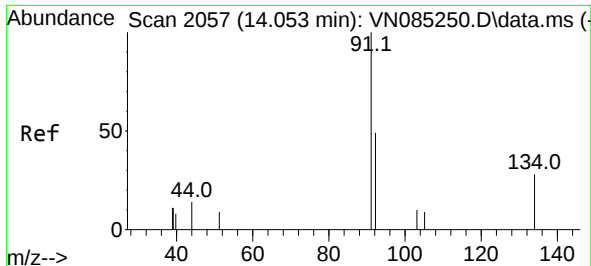
Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.5

148 63.7 31.9 95.9





#89

n-Butylbenzene

Concen: 55.826 ug/l

RT: 14.059 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

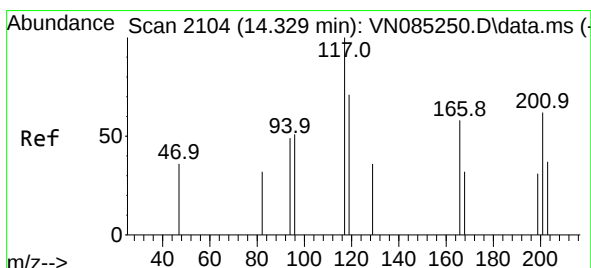
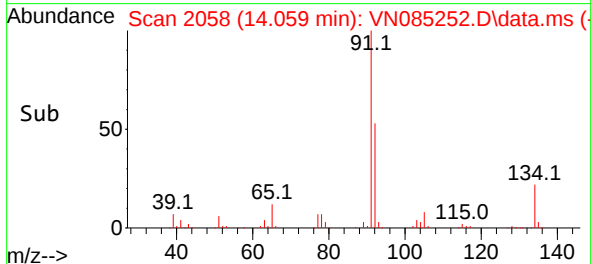
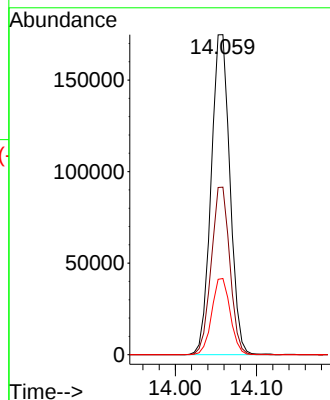
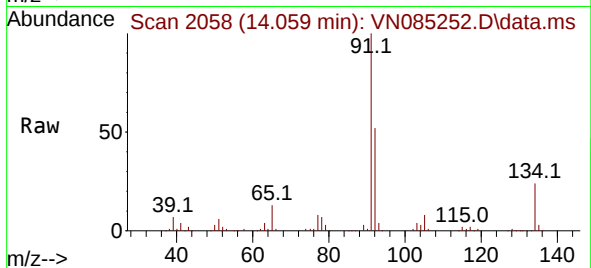
Tgt Ion: 91 Resp: 280501

Ion Ratio Lower Upper

91 100

92 51.8 25.8 77.3

134 23.3 12.0 36.0



#90

Hexachloroethane

Concen: 49.700 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN085252.D

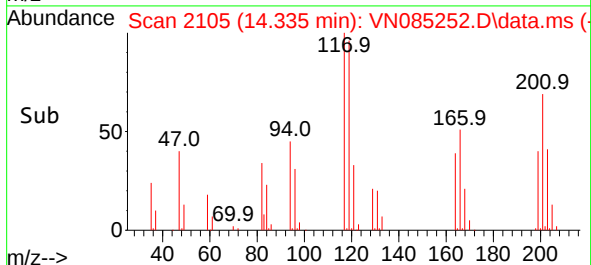
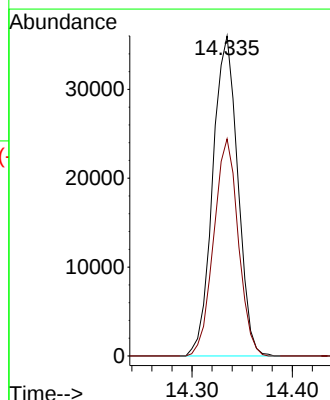
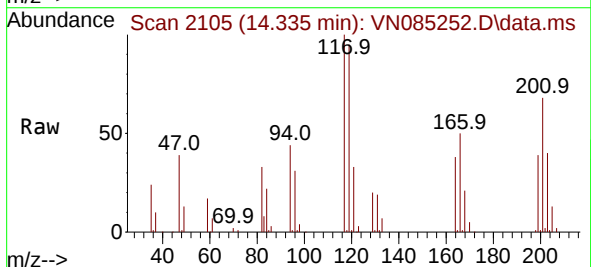
Acq: 18 Dec 2024 15:28

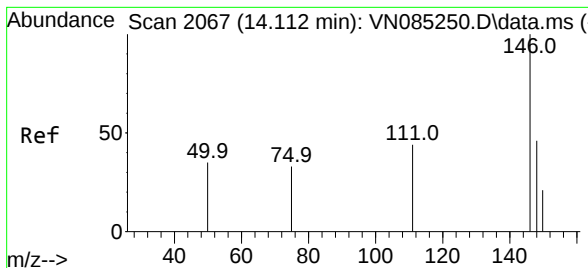
Tgt Ion:117 Resp: 62380

Ion Ratio Lower Upper

117 100

201 66.6 31.9 95.7

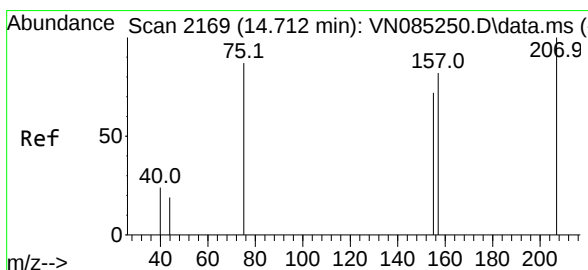
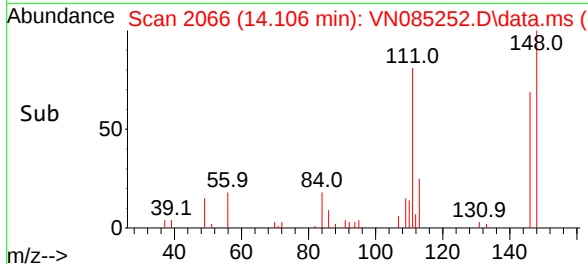
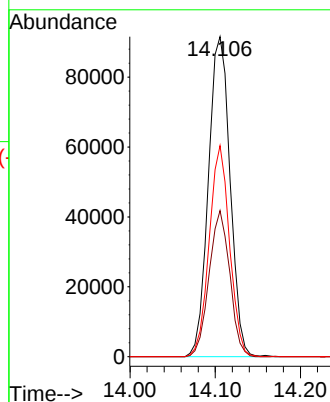
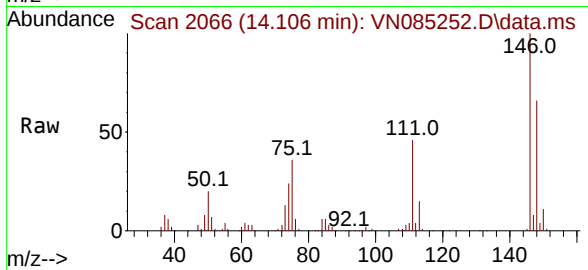




#91
1,2-Dichlorobenzene
Concen: 51.948 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

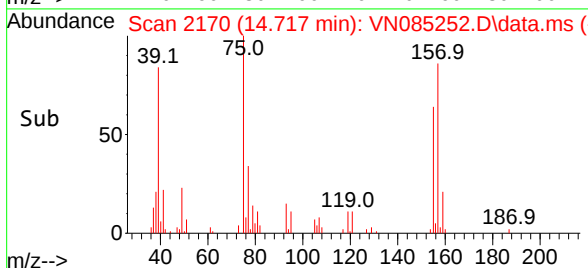
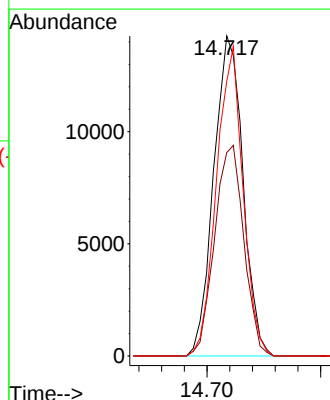
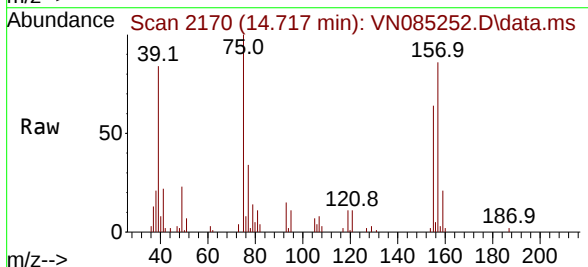
Instrument :
MSVOA_N
ClientSampleId :

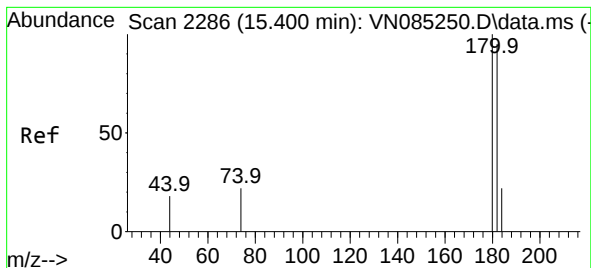
Tgt Ion:146 Resp: 161855
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.1
148 61.8 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.825 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 75 Resp: 25480
Ion Ratio Lower Upper
75 100
155 65.9 35.4 106.2
157 87.7 43.3 129.9





#93

1,2,4-Trichlorobenzene

Concen: 47.537 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

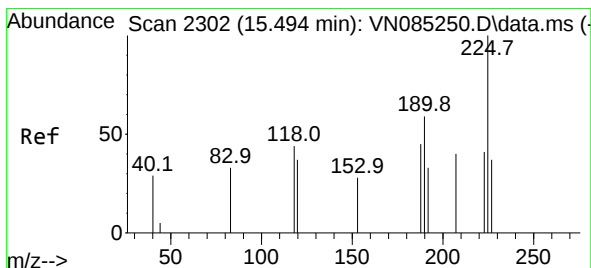
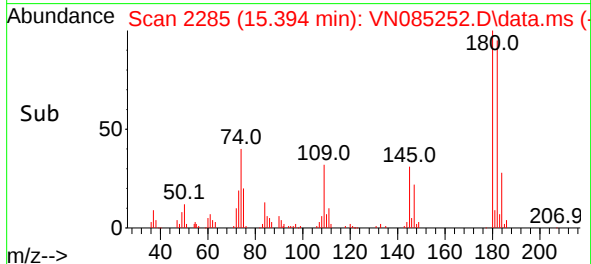
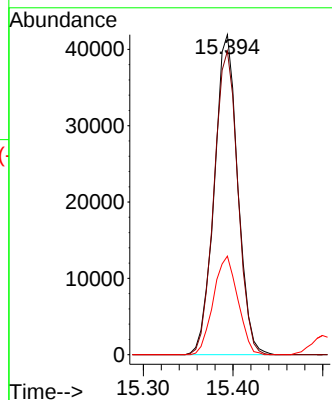
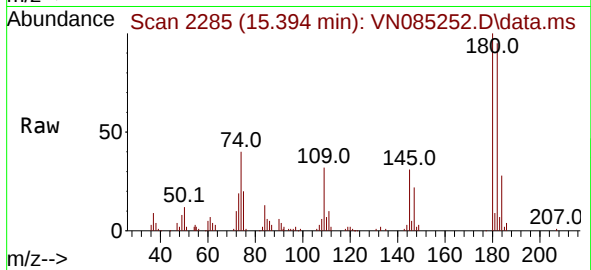
Tgt Ion:180 Resp: 75818

Ion Ratio Lower Upper

180 100

182 96.4 46.3 138.8

145 32.3 16.6 49.7



#94

Hexachlorobutadiene

Concen: 44.747 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

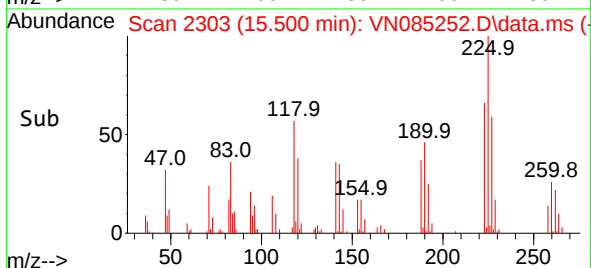
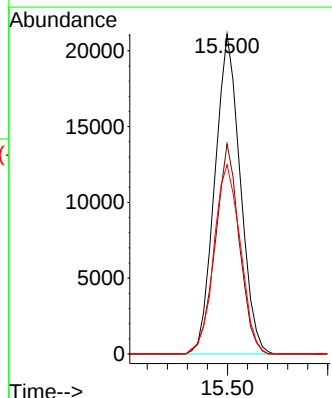
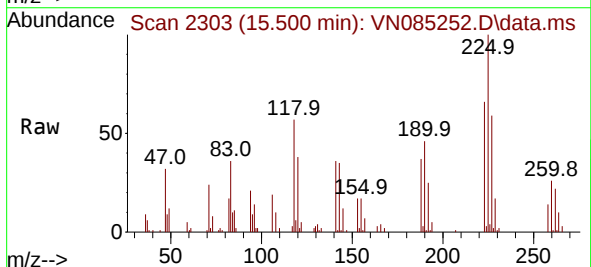
Tgt Ion:225 Resp: 37092

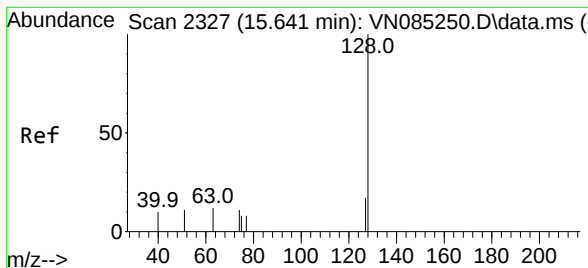
Ion Ratio Lower Upper

225 100

223 62.3 34.1 102.2

227 61.8 33.2 99.6





#95

Naphthalene

Concen: 47.325 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

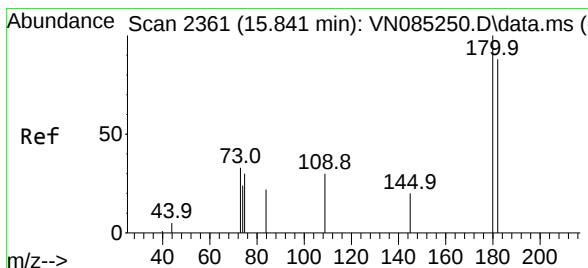
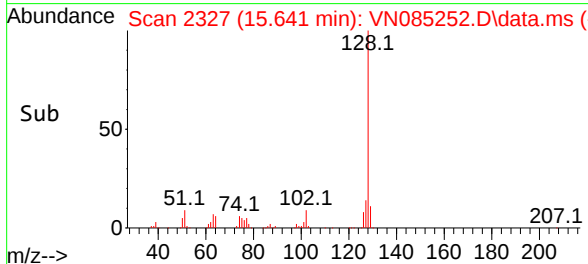
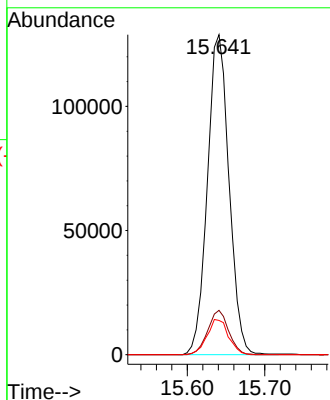
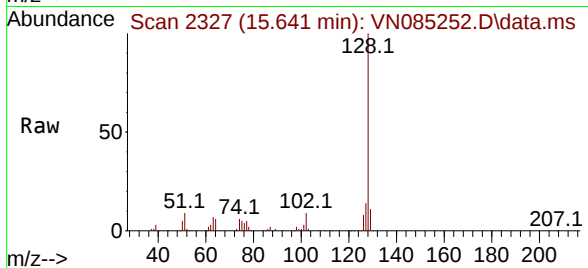
Tgt Ion:128 Resp: 249960

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.927 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Tgt Ion:180 Resp: 74756

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 34.8 17.6 52.8

