

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077855.D
 Acq On : 13 Dec 2023 12:03
 Operator : RP/MD
 Sample : VD1213SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 14 01:50:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	138054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	244094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	113357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70558	43.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.740%
35) Dibromofluoromethane	7.810	113	73025	42.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.420%
50) Toluene-d8	10.269	98	294193	42.961	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.920%
62) 4-Bromofluorobenzene	12.575	95	86360	42.181	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	38000	22.035	ug/l	99
3) Chloromethane	2.152	50	52718	22.427	ug/l	95
4) Vinyl Chloride	2.287	62	70130	21.977	ug/l	95
5) Bromomethane	2.693	94	44563	24.887	ug/l	97
6) Chloroethane	2.840	64	48976	22.511	ug/l	95
7) Trichlorofluoromethane	3.187	101	61784	21.022	ug/l	99
8) Diethyl Ether	3.599	74	17083	20.700	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.975	101	34817	20.708	ug/l	95
10) Methyl Iodide	4.175	142	33032	26.135	ug/l	91
11) Tert butyl alcohol	5.058	59	8451	101.167	ug/l #	87
12) 1,1-Dichloroethene	3.952	96	35579	21.440	ug/l #	81
13) Acrolein	3.805	56	16667	96.855	ug/l	97
14) Allyl chloride	4.569	41	46303	20.288	ug/l	93
15) Acrylonitrile	5.263	53	37842	107.095	ug/l	98
16) Acetone	4.022	43	51601	131.860	ug/l	97
17) Carbon Disulfide	4.281	76	114922	20.470	ug/l	99
18) Methyl Acetate	4.569	43	26719	20.855	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	74447	21.145	ug/l	94
20) Methylene Chloride	4.811	84	44728	20.344	ug/l #	88
21) trans-1,2-Dichloroethene	5.316	96	40401	21.494	ug/l	96
22) Diisopropyl ether	6.228	45	98317	20.614	ug/l #	93
23) Vinyl Acetate	6.158	43	242354	104.055	ug/l #	89
24) 1,1-Dichloroethane	6.116	63	67311	20.840	ug/l	94
25) 2-Butanone	7.081	43	53800	112.023	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	58192	21.459	ug/l	93
27) cis-1,2-Dichloroethene	7.087	96	44121	21.815	ug/l	90
28) Bromochloromethane	7.434	49	27586	21.137	ug/l #	74
29) Tetrahydrofuran	7.446	42	28019	108.162	ug/l #	85
30) Chloroform	7.599	83	69031	21.355	ug/l	97
31) Cyclohexane	7.881	56	59287	20.490	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	59914	21.025	ug/l	98
36) 1,1-Dichloropropene	8.016	75	53661	19.621	ug/l	96
37) Ethyl Acetate	7.169	43	16988	15.930	ug/l #	69
38) Carbon Tetrachloride	7.993	117	54090	19.838	ug/l	98
39) Methylcyclohexane	9.275	83	64531	19.903	ug/l	91
40) Benzene	8.252	78	156379	20.146	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9562	17.642	ug/l #	86
42) 1,2-Dichloroethane	8.334	62	41557	20.654	ug/l	97
43) Isopropyl Acetate	8.363	43	37817	19.949	ug/l #	90
44) Trichloroethene	9.028	130	41368	20.451	ug/l	99
45) 1,2-Dichloropropane	9.304	63	38426	20.364	ug/l	92
46) Dibromomethane	9.399	93	20557	20.589	ug/l	94
47) Bromodichloromethane	9.587	83	52004	20.549	ug/l #	95
48) Methyl methacrylate	9.387	41	20436	18.965	ug/l	83
49) 1,4-Dioxane	9.393	88	3668	369.979	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	93622	96.770	ug/l	92
52) Toluene	10.340	92	95957	19.929	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	48208	19.837	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	57524	19.578	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	27593	20.204	ug/l	95
56) Ethyl methacrylate	10.599	69	23142	19.223	ug/l #	81
57) 1,3-Dichloropropane	10.881	76	48880	20.764	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	64084	93.341	ug/l	94
59) 2-Hexanone	10.922	43	85071	105.986	ug/l	87
60) Dibromochloromethane	11.075	129	34306	20.864	ug/l	100
61) 1,2-Dibromoethane	11.181	107	25776	20.050	ug/l	98
64) Tetrachloroethene	10.810	164	32314	19.720	ug/l	86
65) Chlorobenzene	11.610	112	106257	19.069	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	37913	20.449	ug/l	94
67) Ethyl Benzene	11.687	91	181330	19.535	ug/l	94
68) m/p-Xylenes	11.793	106	144953	40.826	ug/l	91
69) o-Xylene	12.122	106	67135	20.517	ug/l	96
70) Styrene	12.134	104	100804	20.718	ug/l	95
71) Bromoform	12.298	173	19538	20.169	ug/l #	99
73) Isopropylbenzene	12.422	105	178198	20.741	ug/l	96
74) N-amyl acetate	12.234	43	32600	19.303	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	30233	20.182	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	39338	39.957	ug/l #	100
77) Bromobenzene	12.704	156	40598	20.090	ug/l	90
78) n-propylbenzene	12.763	91	212607	20.308	ug/l	96
79) 2-Chlorotoluene	12.851	91	111421	19.860	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	143452	20.020	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	10754	22.131	ug/l	97
82) 4-Chlorotoluene	12.945	91	119998	20.459	ug/l	97
83) tert-Butylbenzene	13.169	119	126442	20.902	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	147024	20.514	ug/l	96
85) sec-Butylbenzene	13.345	105	183831	20.558	ug/l	96
86) p-Isopropyltoluene	13.463	119	159910	19.974	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	82804	20.037	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	83100	19.156	ug/l	96
89) n-Butylbenzene	13.787	91	154624	20.525	ug/l	97
90) Hexachloroethane	14.051	117	30258	20.551	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	70490	20.056	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4084	18.197	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	46016	19.168	ug/l	97
94) Hexachlorobutadiene	15.204	225	25049	19.349	ug/l	97
95) Naphthalene	15.334	128	78817	19.760	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	38857	19.633	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
Response via : Initial Calibration

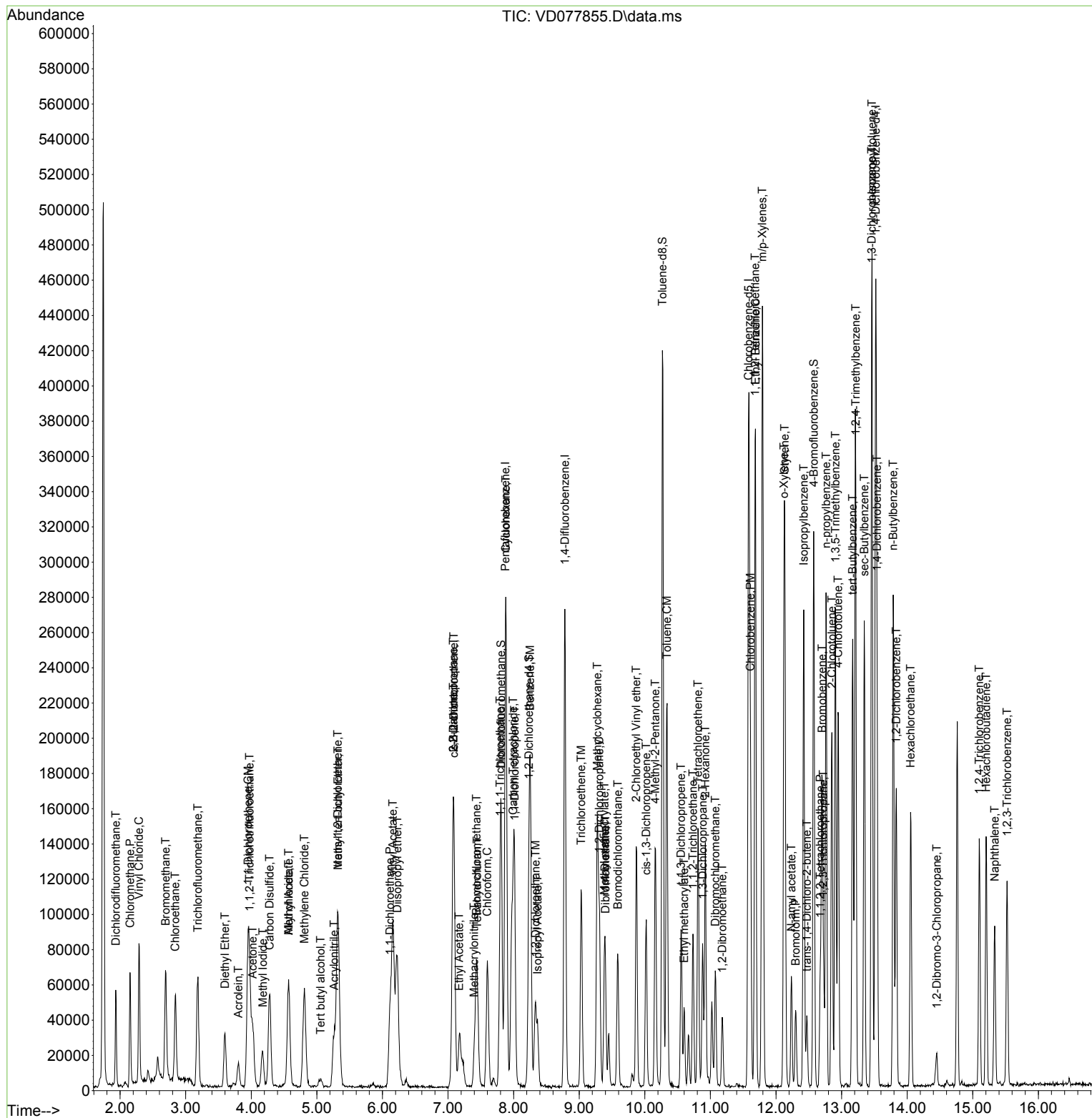
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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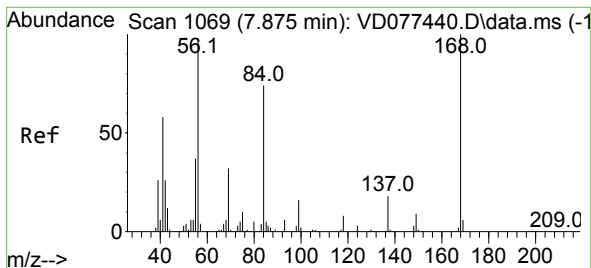
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

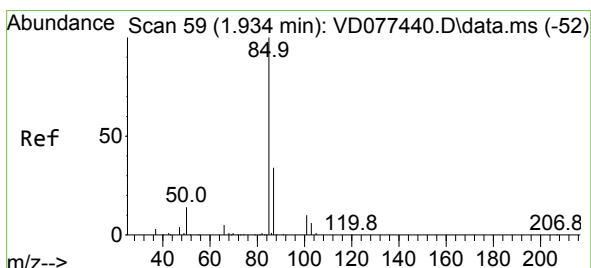
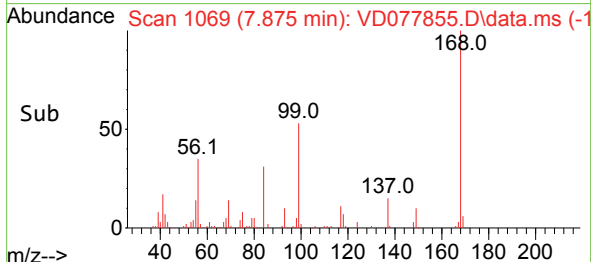
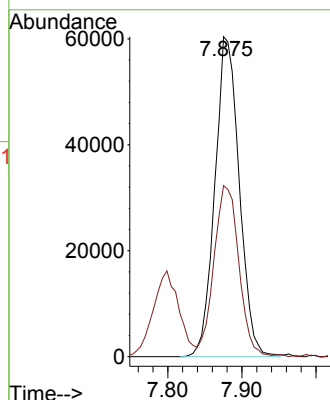
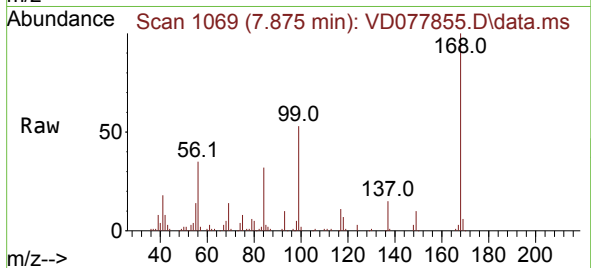
ClientSampleId :

Tgt Ion:168 Resp: 138054

Ion Ratio Lower Upper

168 100

99 52.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 22.035 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077855.D

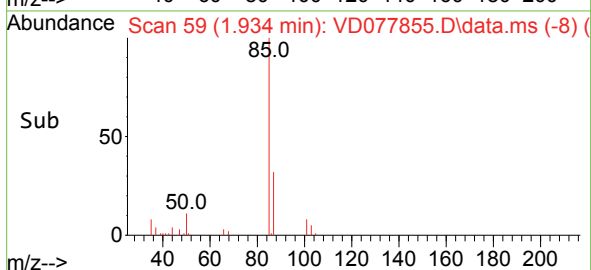
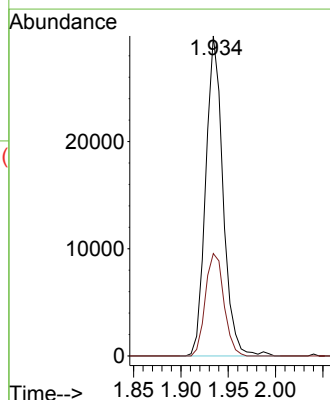
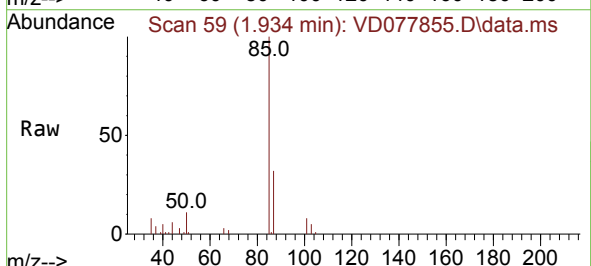
Acq: 13 Dec 2023 12:03

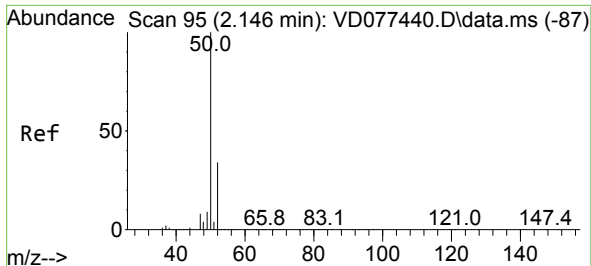
Tgt Ion: 85 Resp: 38000

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0

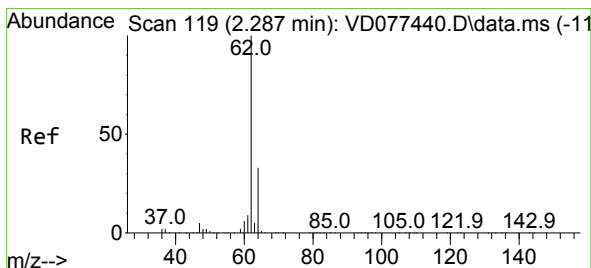
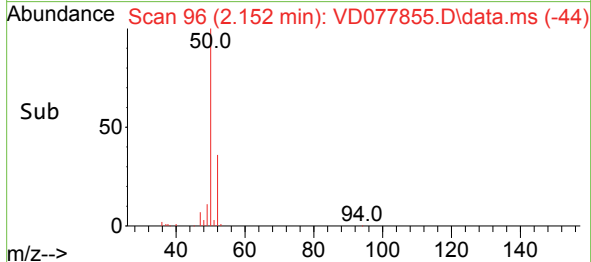
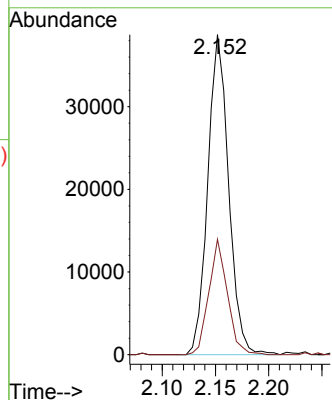
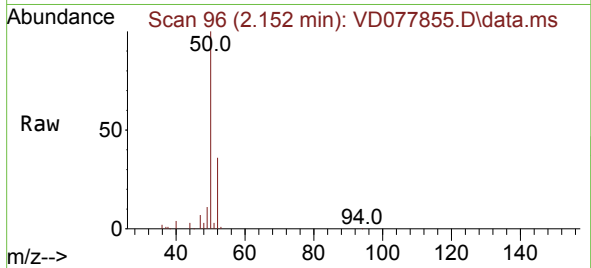




#3
Chloromethane
Concen: 22.427 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

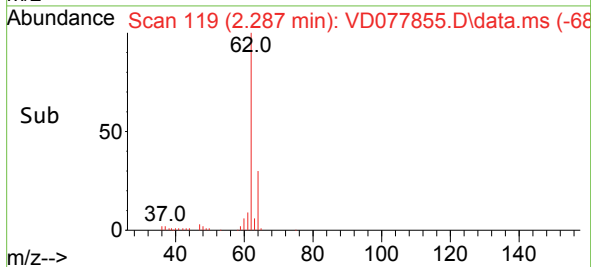
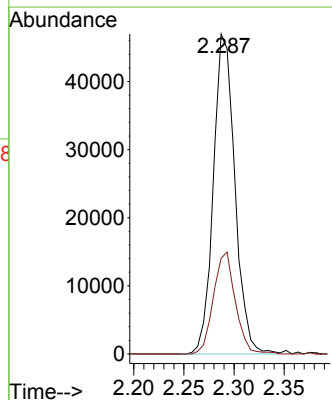
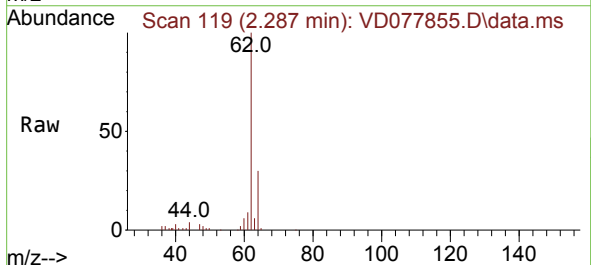
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 52718
Ion Ratio Lower Upper
50 100
52 36.0 26.6 40.0



#4
Vinyl Chloride
Concen: 21.977 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 62 Resp: 70130
Ion Ratio Lower Upper
62 100
64 29.9 26.0 39.0

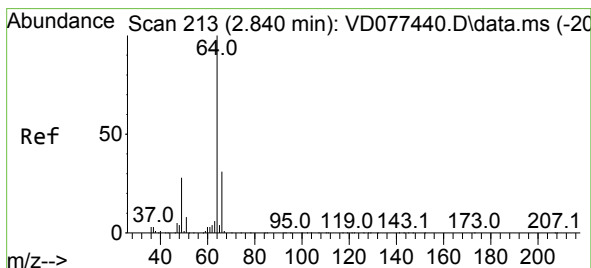
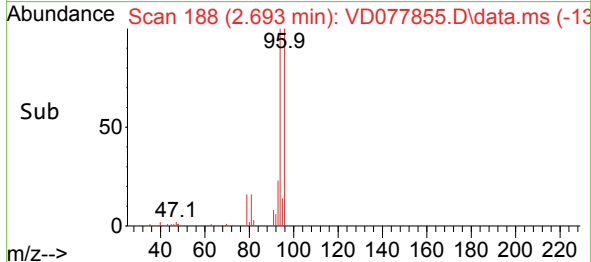
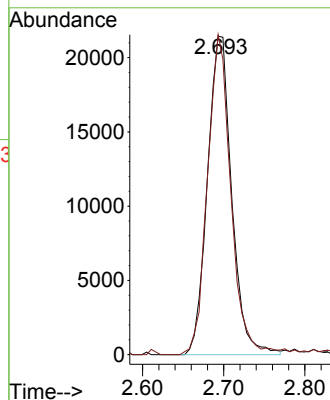
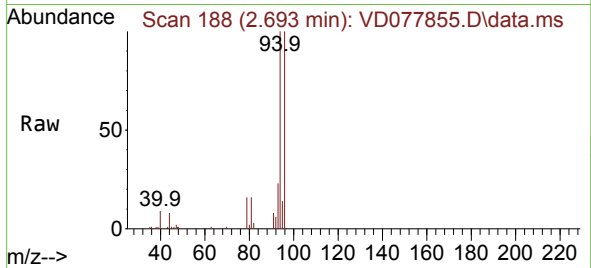




#5
Bromomethane
Concen: 24.887 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

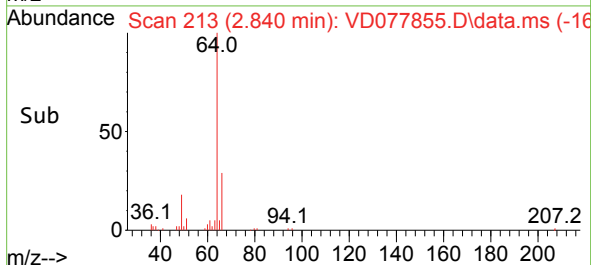
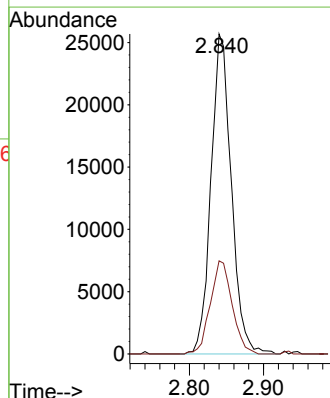
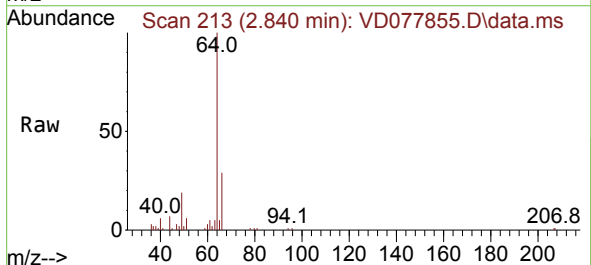
Instrument :
MSVOA_D
ClientSampleId :

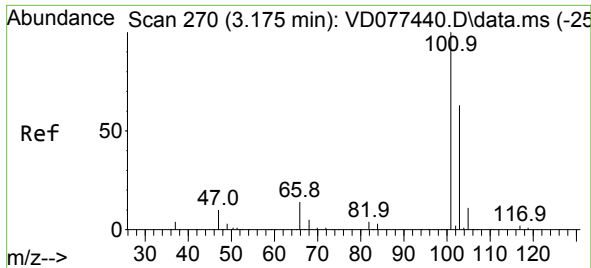
Tgt Ion: 94 Resp: 44563
Ion Ratio Lower Upper
94 100
96 97.3 75.8 113.8



#6
Chloroethane
Concen: 22.511 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 64 Resp: 48976
Ion Ratio Lower Upper
64 100
66 29.1 25.5 38.3

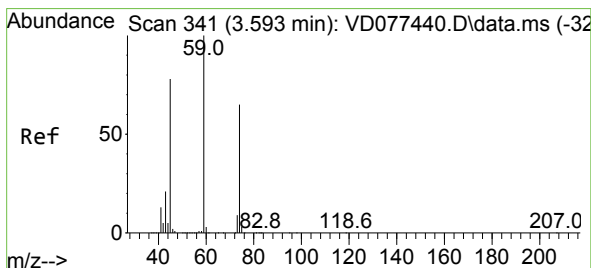
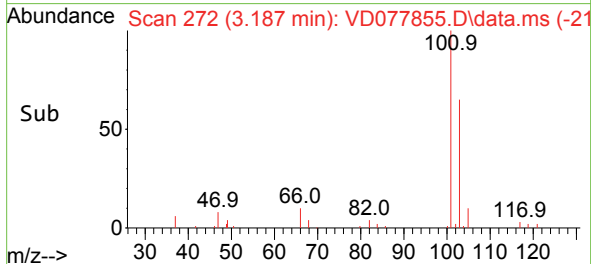
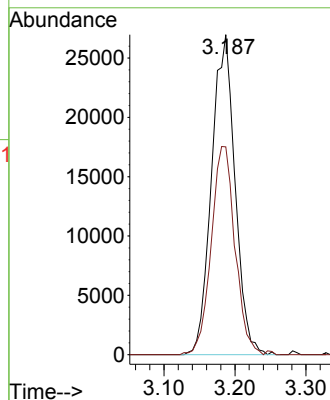
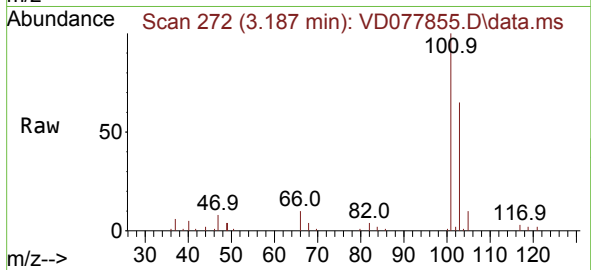




#7
 Trichlorofluoromethane
 Concen: 21.022 ug/l
 RT: 3.187 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03

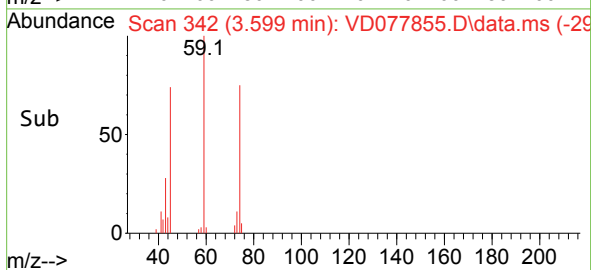
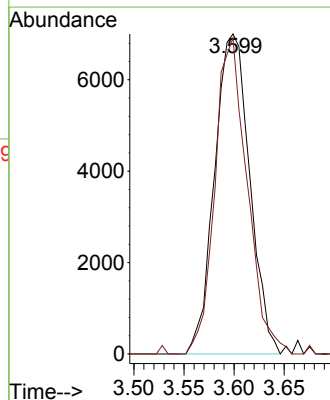
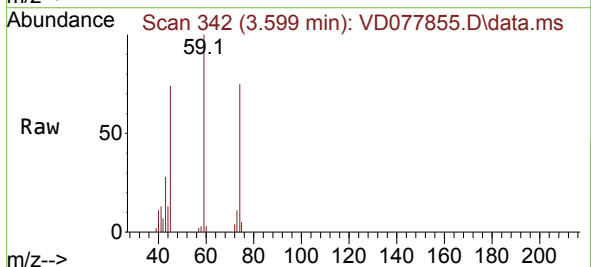
Instrument :
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 ClientSampleId :

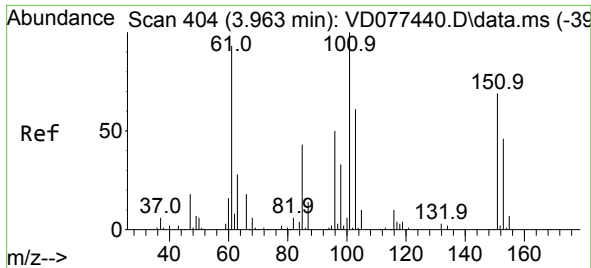
Tgt Ion:101 Resp: 61784
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 20.700 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03

Tgt Ion: 74 Resp: 17083
 Ion Ratio Lower Upper
 74 100
 45 90.7 37.5 112.7

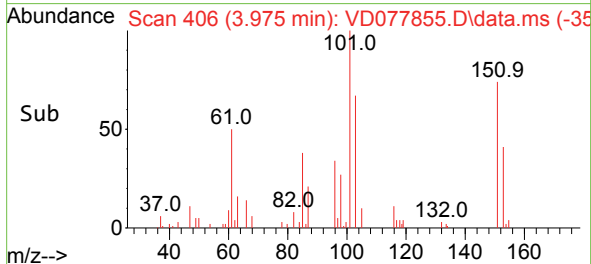
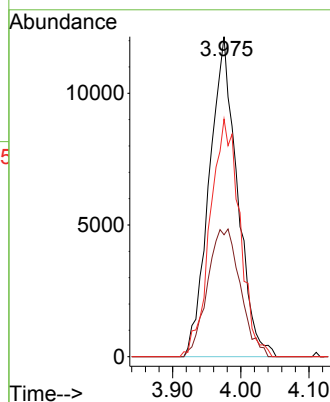
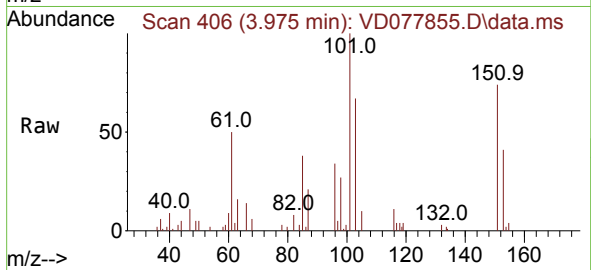




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.708 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

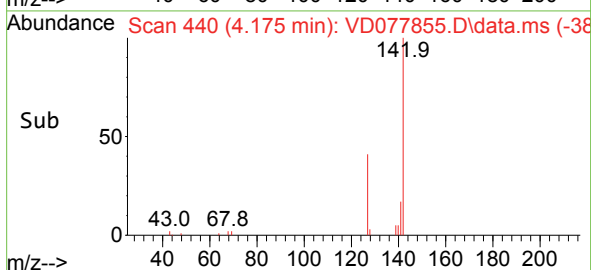
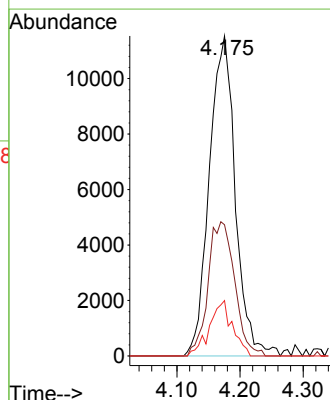
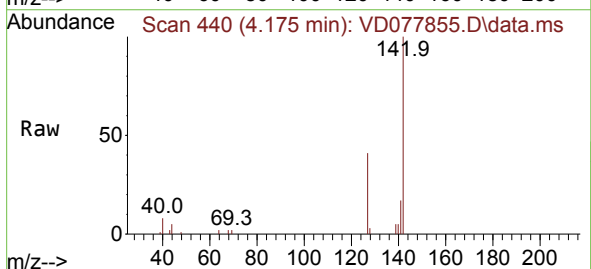
Instrument :
MSVOA_D
ClientSampleId :

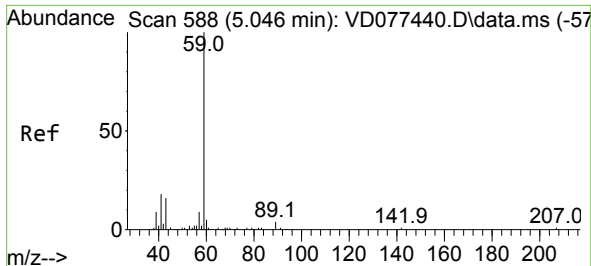
Tgt Ion:101 Resp: 34817
Ion Ratio Lower Upper
101 100
85 46.6 33.8 50.6
151 78.3 59.8 89.6



#10
Methyl Iodide
Concen: 26.135 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion:142 Resp: 33032
Ion Ratio Lower Upper
142 100
127 42.9 29.4 44.0
141 15.3 11.1 16.7

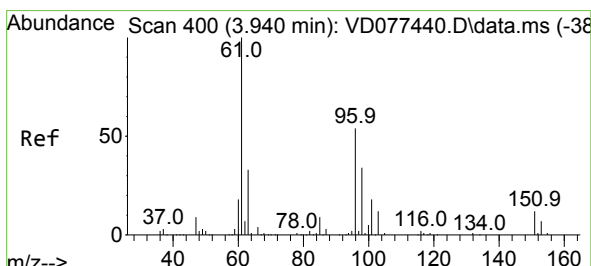
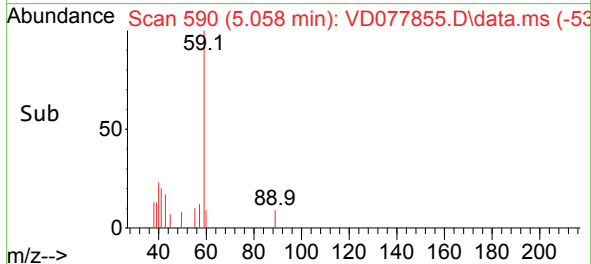
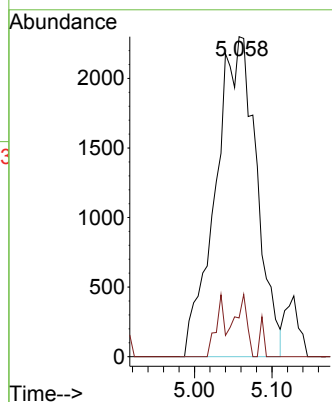
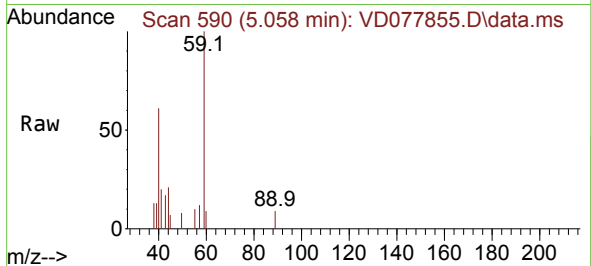




#11
Tert butyl alcohol
Concen: 101.167 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

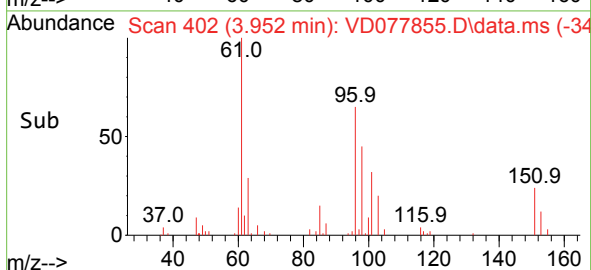
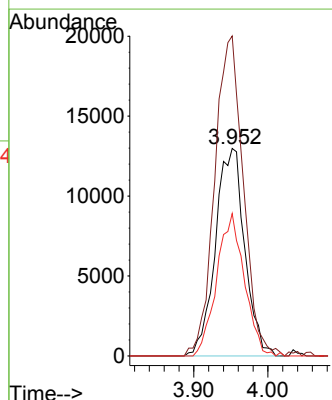
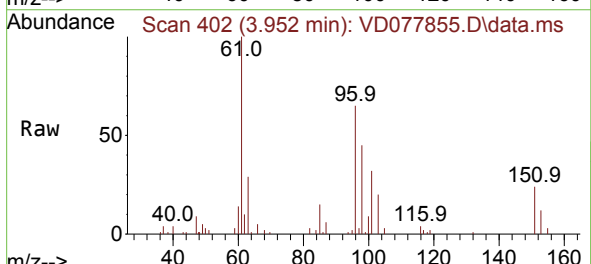
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 8451
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 21.440 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 96 Resp: 35579
Ion Ratio Lower Upper
96 100
61 154.2 100.6 150.8#
98 68.6 50.2 75.2

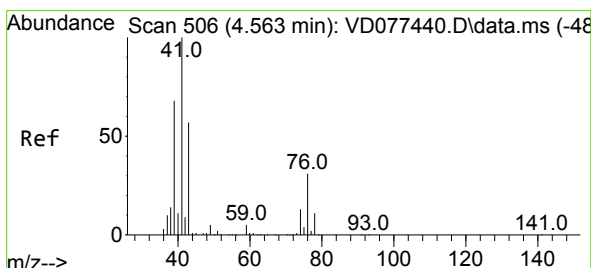
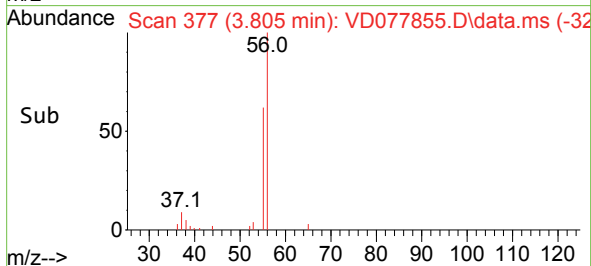
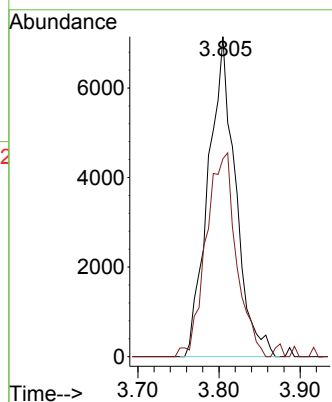
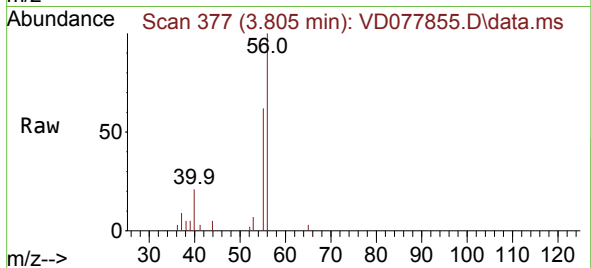




#13
Acrolein
Concen: 96.855 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

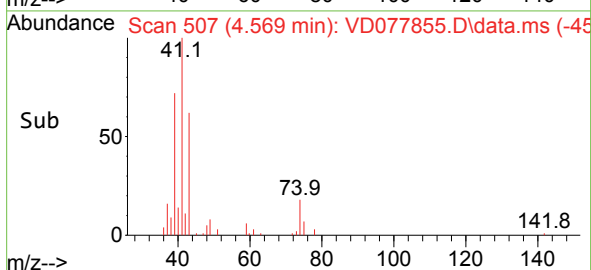
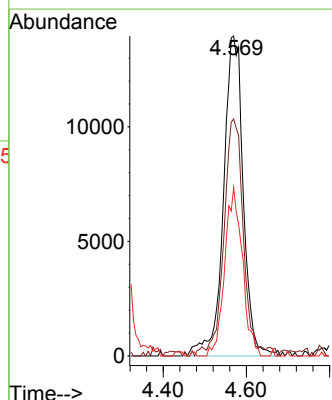
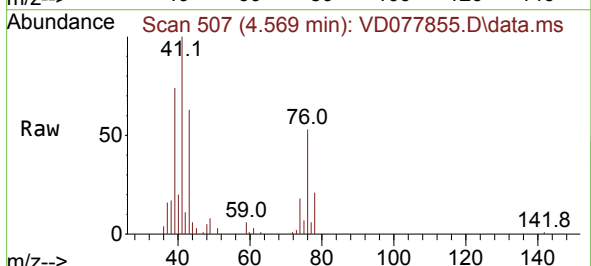
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 16667
Ion Ratio Lower Upper
56 100
55 71.0 55.1 82.7



#14
Allyl chloride
Concen: 20.288 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 41 Resp: 46303
Ion Ratio Lower Upper
41 100
39 67.4 53.8 80.6
76 46.7 45.8 68.8

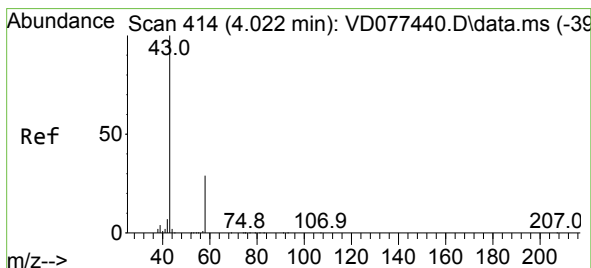
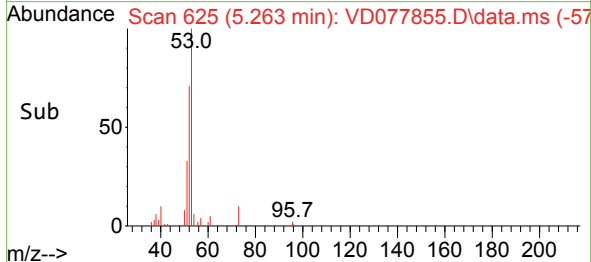
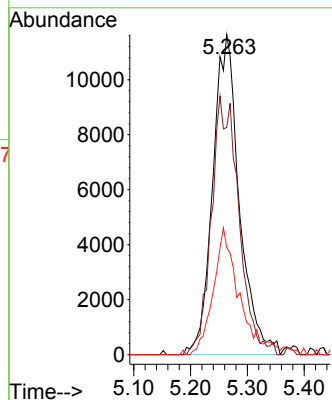
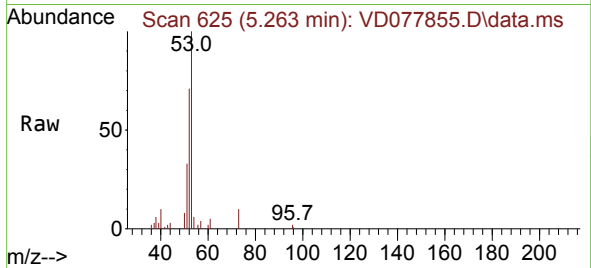




#15
Acrylonitrile
Concen: 107.095 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

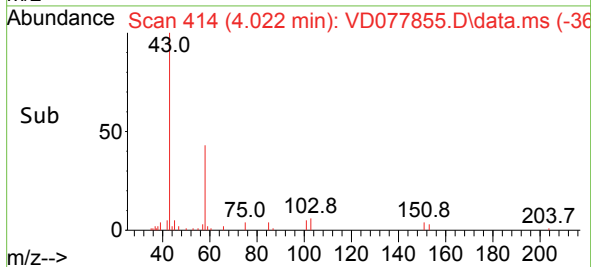
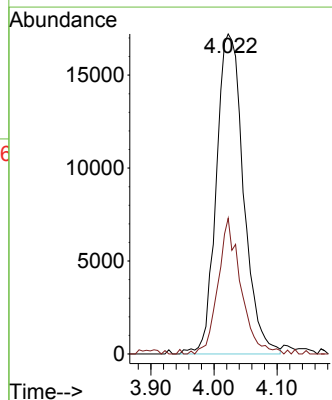
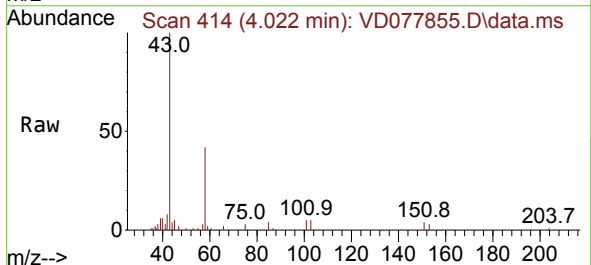
Instrument :
MSVOA_D
ClientSampleId :

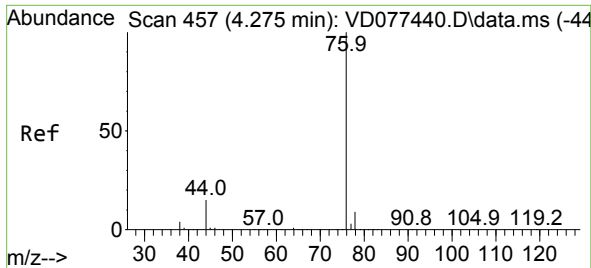
Tgt Ion: 53 Resp: 37842
Ion Ratio Lower Upper
53 100
52 83.0 65.0 97.4
51 37.0 28.3 42.5



#16
Acetone
Concen: 131.860 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 43 Resp: 51601
Ion Ratio Lower Upper
43 100
58 41.3 34.7 52.1

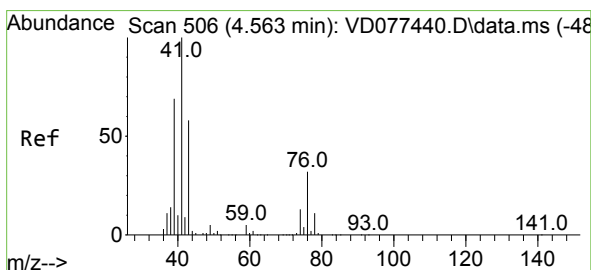
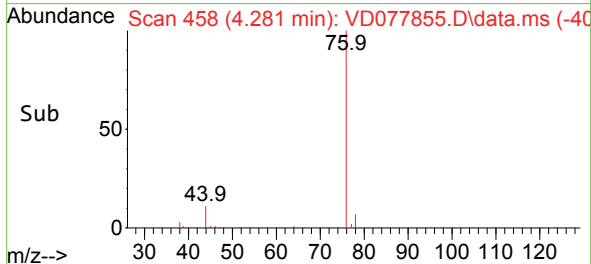
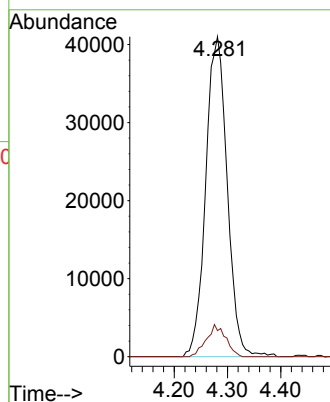
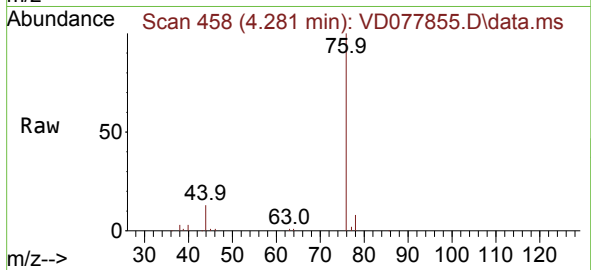




#17
Carbon Disulfide
Concen: 20.470 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

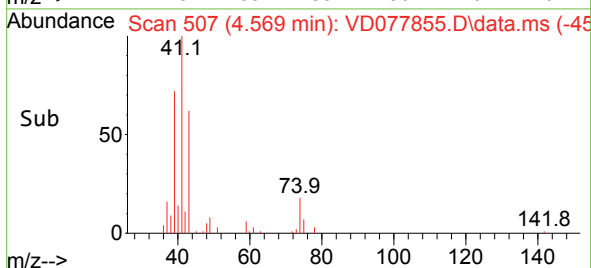
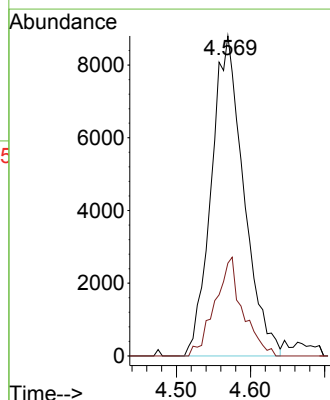
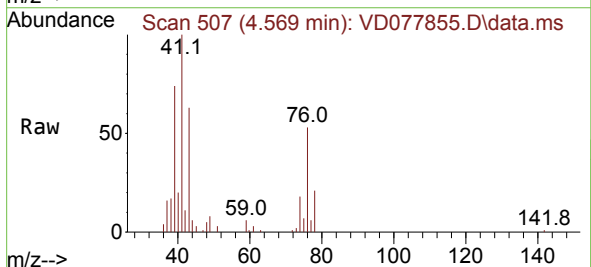
Instrument :
MSVOA_D
ClientSampleId :

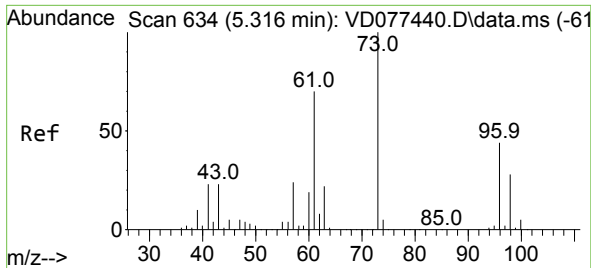
Tgt Ion: 76 Resp: 114922
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 20.855 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 43 Resp: 26719
Ion Ratio Lower Upper
43 100
74 26.3 26.4 39.6#

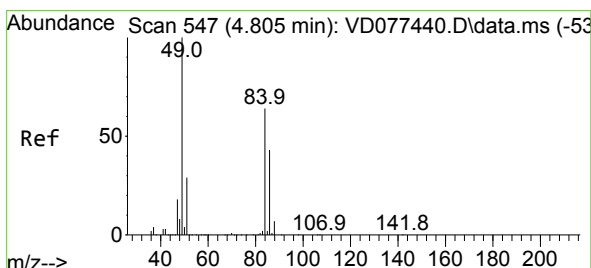
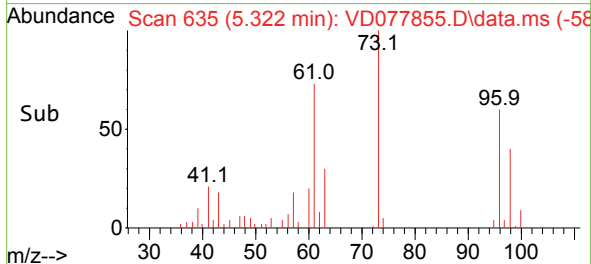
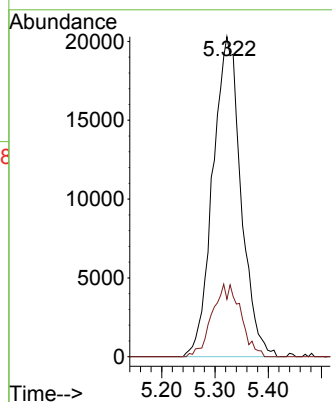
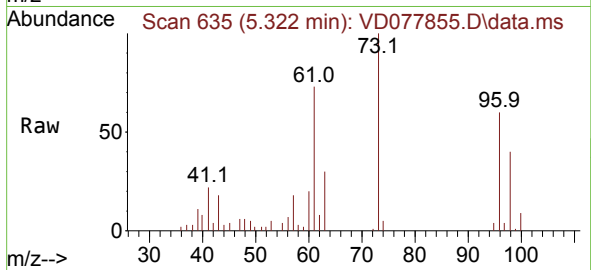




#19
Methyl tert-butyl Ether
Concen: 21.145 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

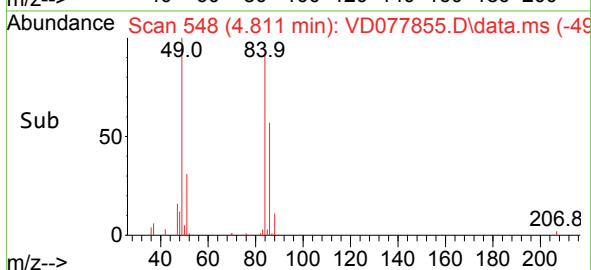
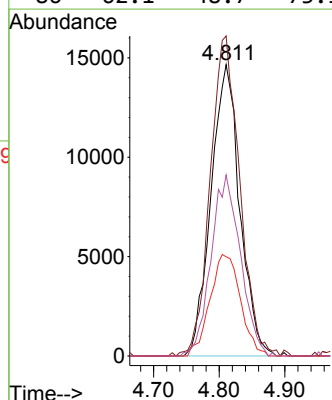
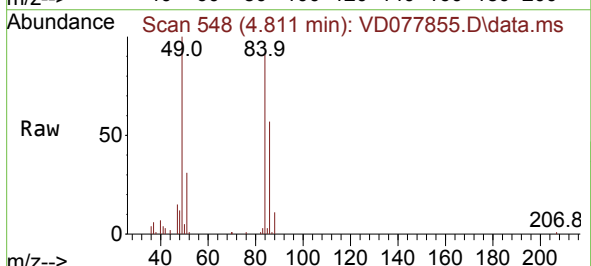
Instrument :
MSVOA_D
ClientSampleId :

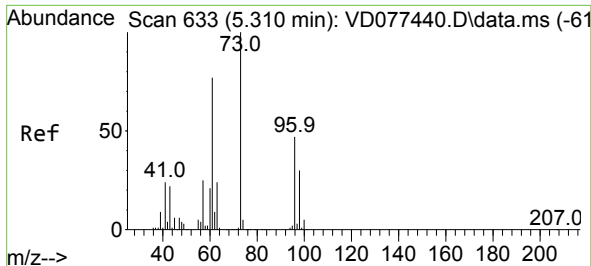
Tgt Ion: 73 Resp: 74447
Ion Ratio Lower Upper
73 100
57 18.0 16.6 25.0



#20
Methylene Chloride
Concen: 20.344 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

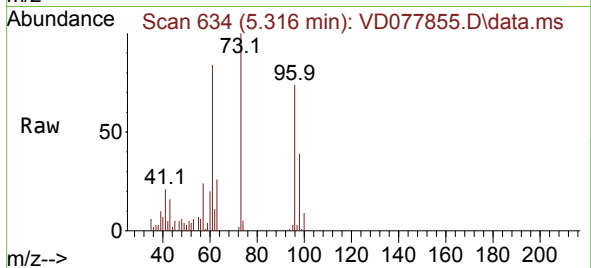
Tgt Ion: 84 Resp: 44728
Ion Ratio Lower Upper
84 100
49 109.8 71.4 107.2#
51 34.0 24.5 36.7
86 62.1 48.7 73.1



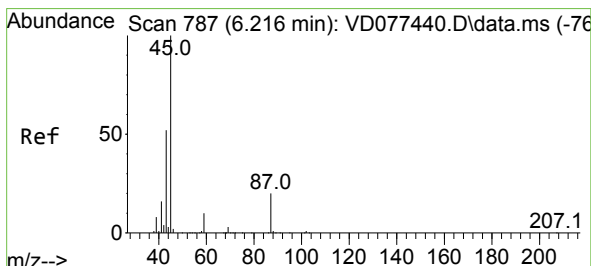
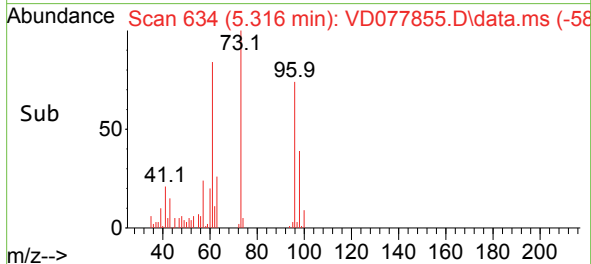
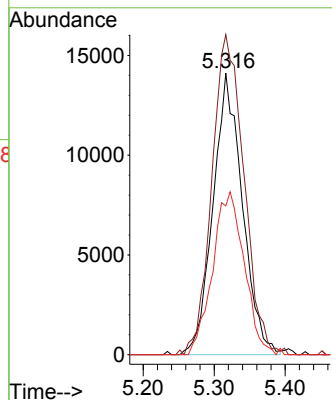


#21
trans-1,2-Dichloroethene
Concen: 21.494 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :

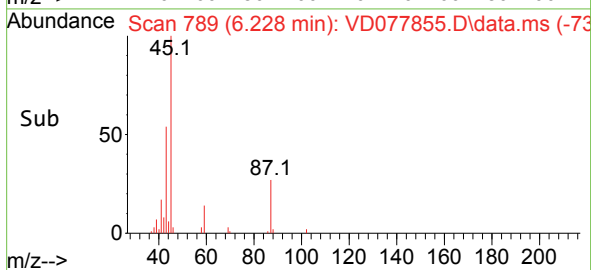
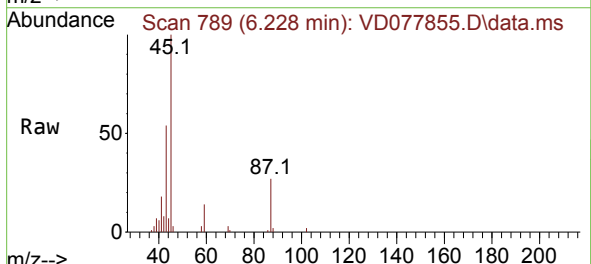
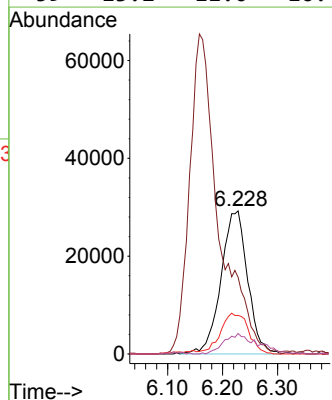


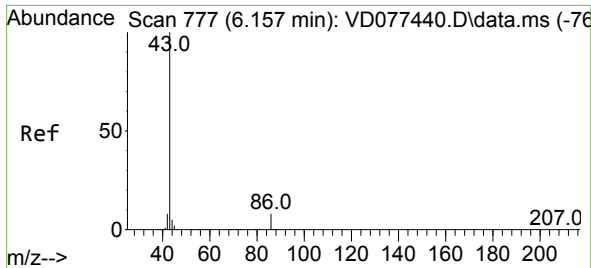
Tgt Ion: 96 Resp: 40401
Ion Ratio Lower Upper
96 100
61 112.4 89.3 133.9
98 52.8 48.6 73.0



#22
Diisopropyl ether
Concen: 20.614 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

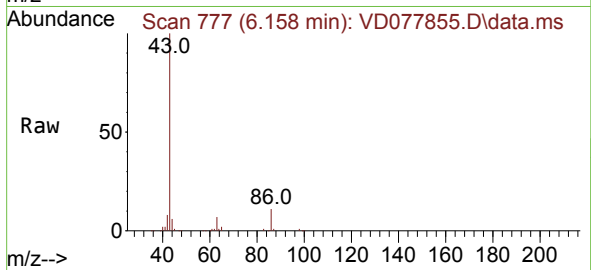
Tgt Ion: 45 Resp: 98317
Ion Ratio Lower Upper
45 100
43 52.1 40.0 60.0
87 27.0 28.2 42.4#
59 13.2 11.0 16.4



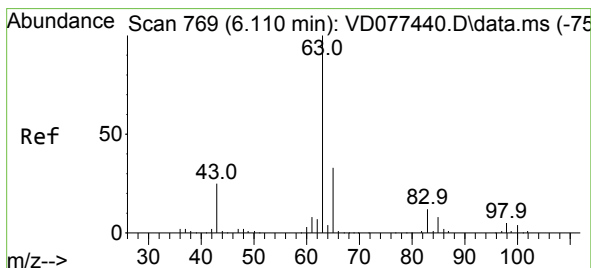
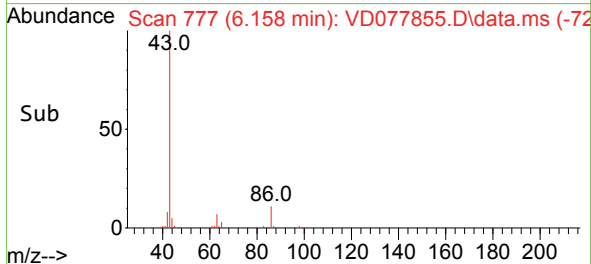
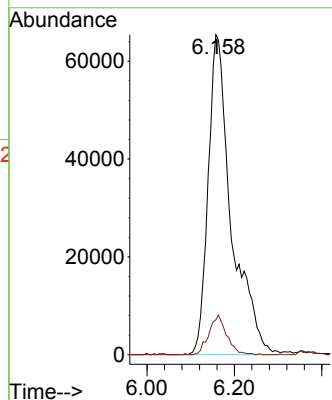


#23
 Vinyl Acetate
 Concen: 104.055 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03

Instrument :
 MSVOA_D
 ClientSampleId :

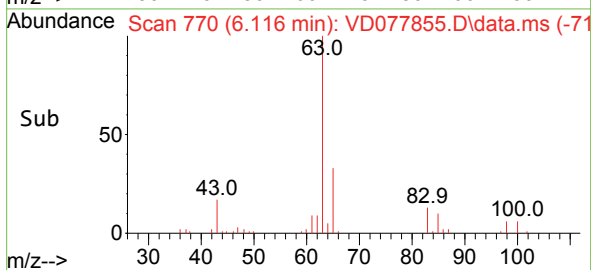
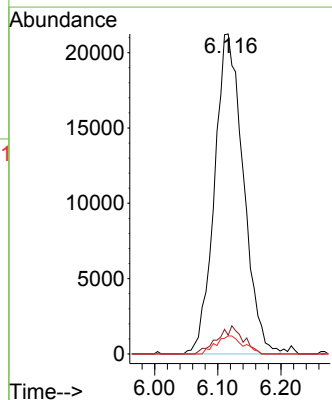
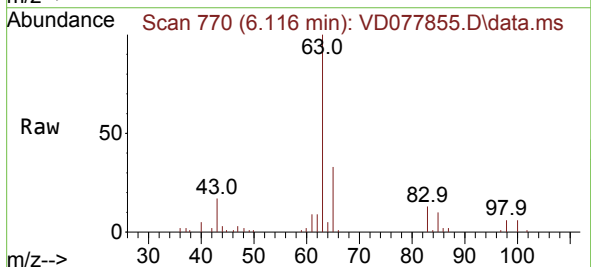


Tgt Ion: 43 Resp: 242354
 Ion Ratio Lower Upper
 43 100
 86 10.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.840 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03

Tgt Ion: 63 Resp: 67311
 Ion Ratio Lower Upper
 63 100
 98 5.9 4.5 13.7
 100 5.6 2.5 7.5

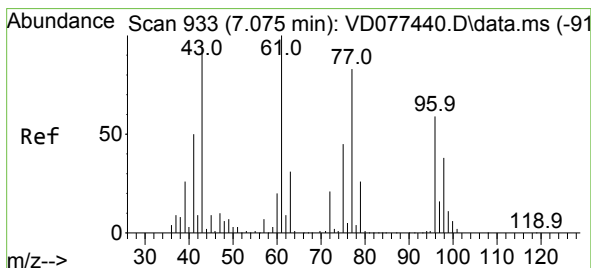
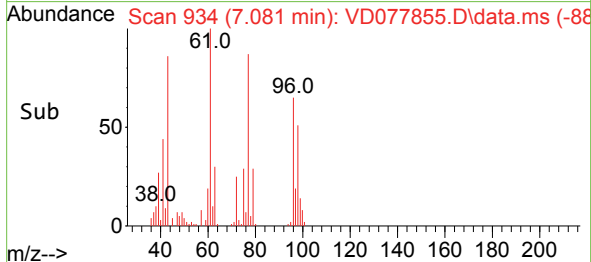
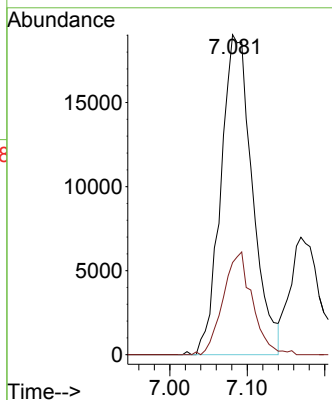
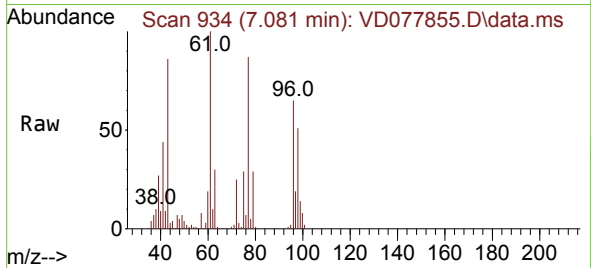




#25
2-Butanone
Concen: 112.023 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

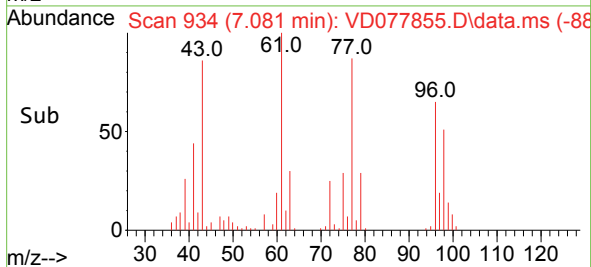
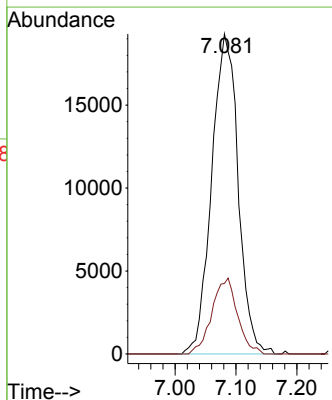
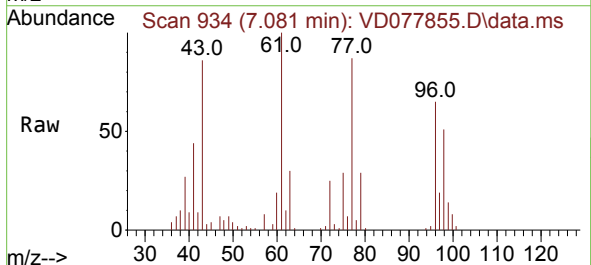
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 53800
Ion Ratio Lower Upper
43 100
72 28.8 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 21.459 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 77 Resp: 58192
Ion Ratio Lower Upper
77 100
97 22.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 21.815 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

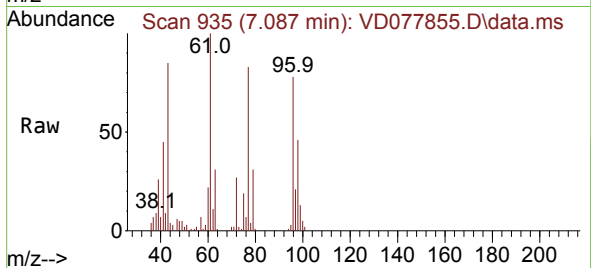
Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :



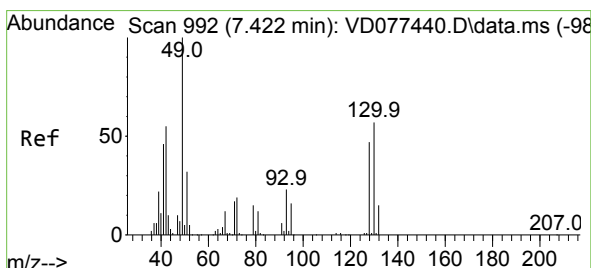
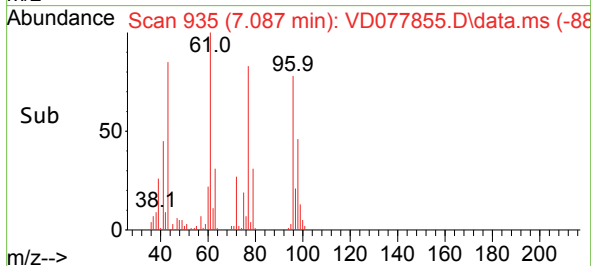
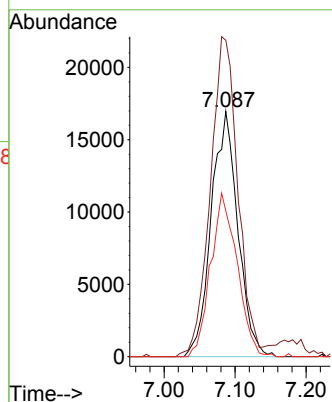
Tgt Ion: 96 Resp: 44121

Ion Ratio Lower Upper

96 100

61 135.0 0.0 239.2

98 66.4 0.0 128.6



#28

Bromochloromethane

Concen: 21.137 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.012 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

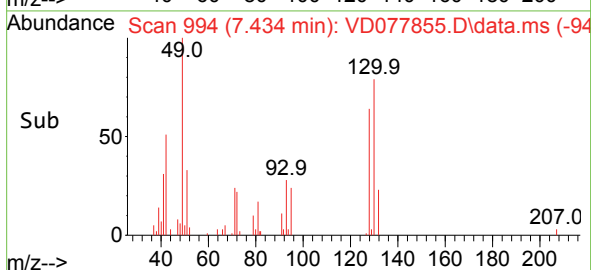
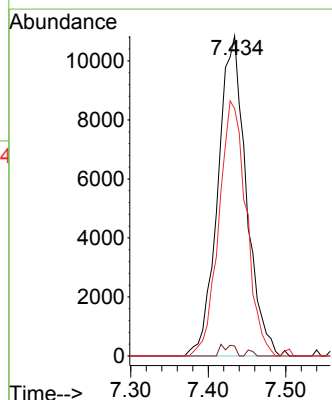
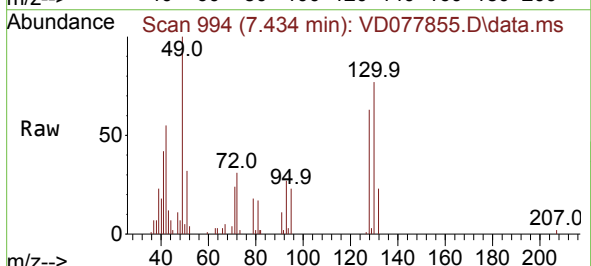
Tgt Ion: 49 Resp: 27586

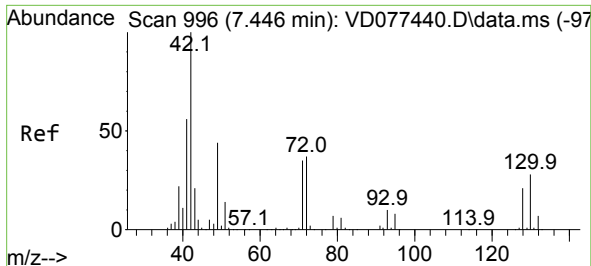
Ion Ratio Lower Upper

49 100

129 1.7 0.0 6.0

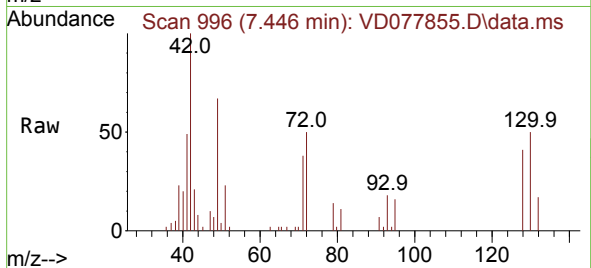
130 77.2 83.2 124.8#



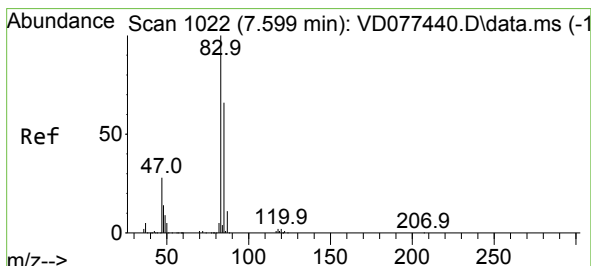
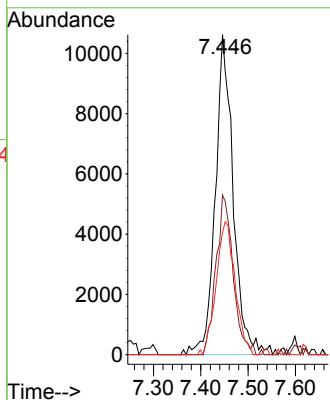
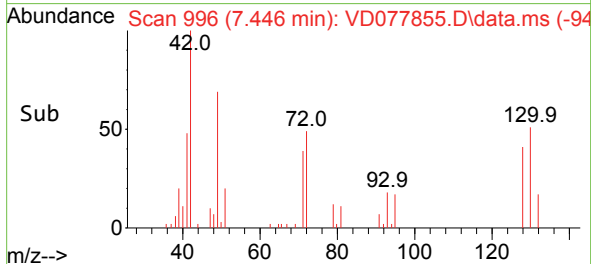


#29
Tetrahydrofuran
Concen: 108.162 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :

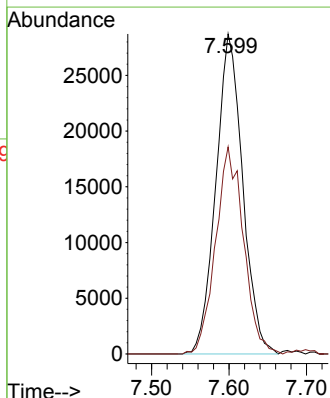
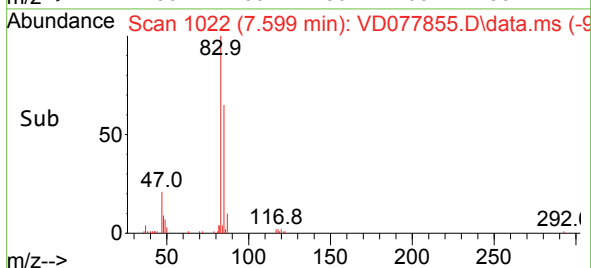
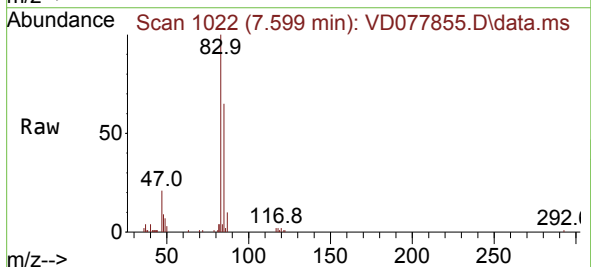


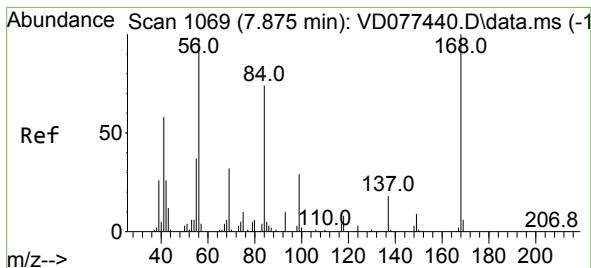
Tgt Ion: 42 Resp: 28019
Ion Ratio Lower Upper
42 100
72 47.5 46.5 69.7
71 43.8 44.5 66.7#



#30
Chloroform
Concen: 21.355 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 83 Resp: 69031
Ion Ratio Lower Upper
83 100
85 64.7 53.4 80.2





#31

Cyclohexane

Concen: 20.490 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

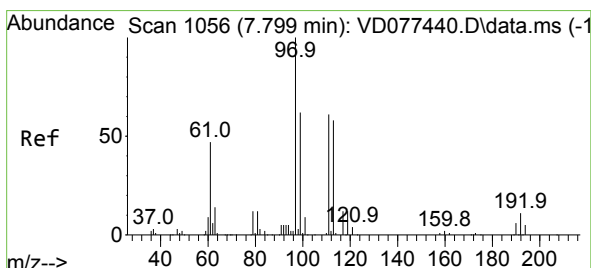
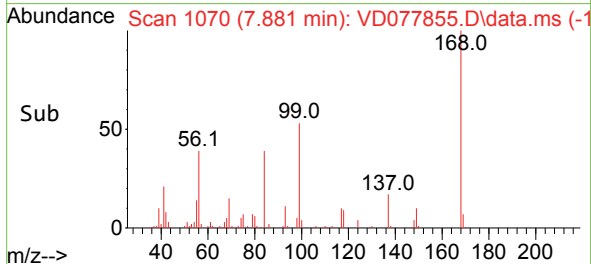
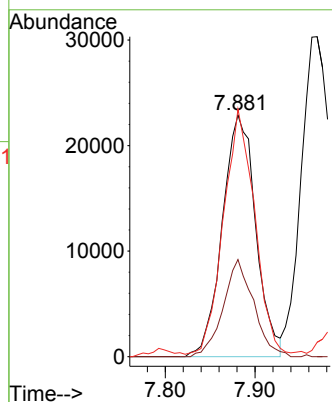
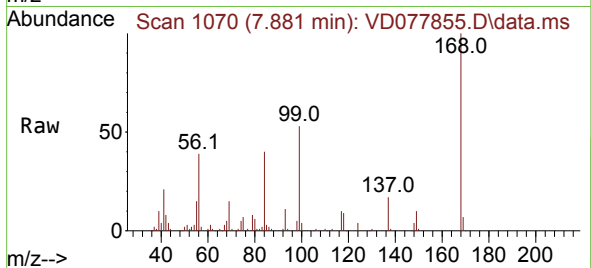
Tgt Ion: 56 Resp: 59287

Ion Ratio Lower Upper

56 100

69 40.2 28.6 43.0

84 100.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.025 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

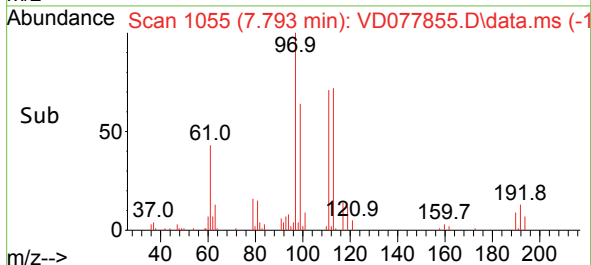
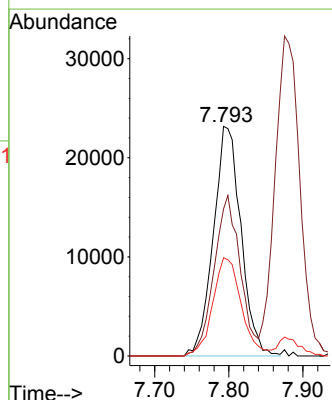
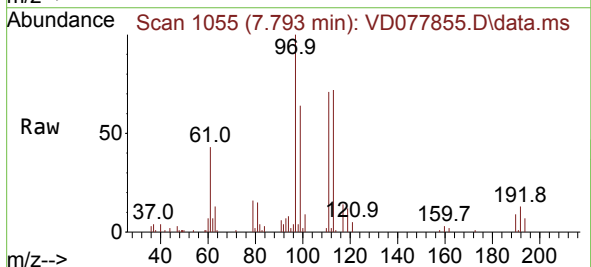
Tgt Ion: 97 Resp: 59914

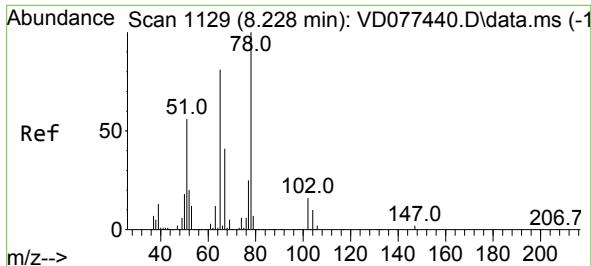
Ion Ratio Lower Upper

97 100

99 66.4 52.0 78.0

61 44.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.373 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

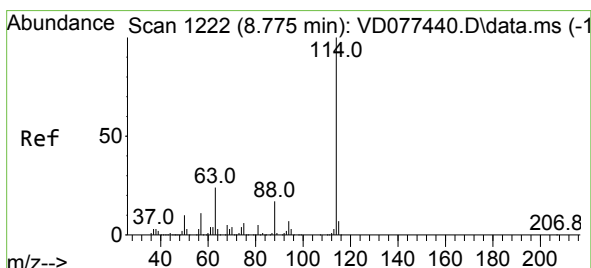
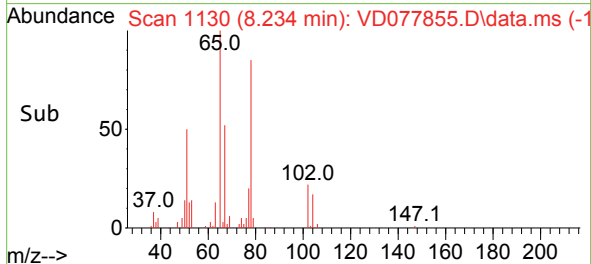
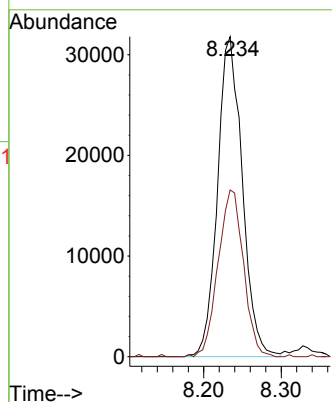
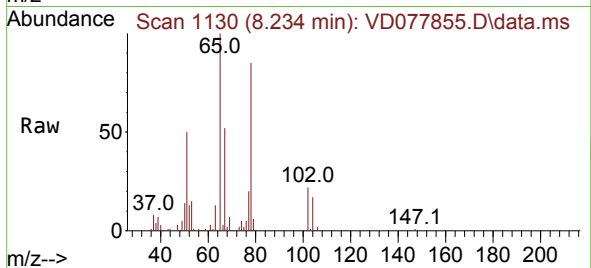
ClientSampleId :

Tgt Ion: 65 Resp: 70558

Ion Ratio Lower Upper

65 100

67 53.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

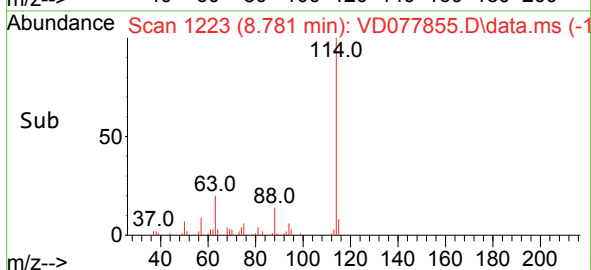
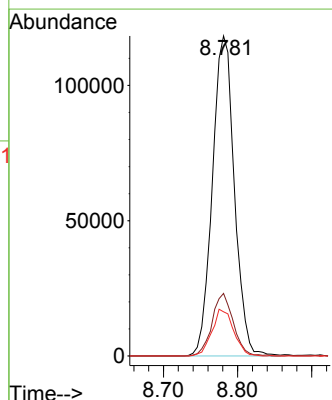
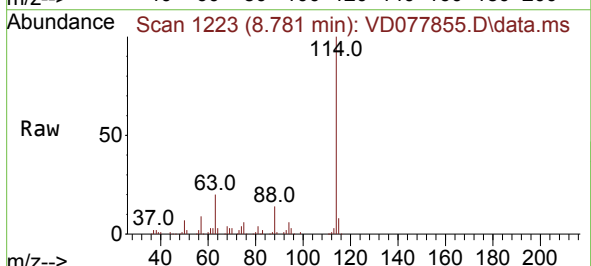
Tgt Ion: 114 Resp: 244094

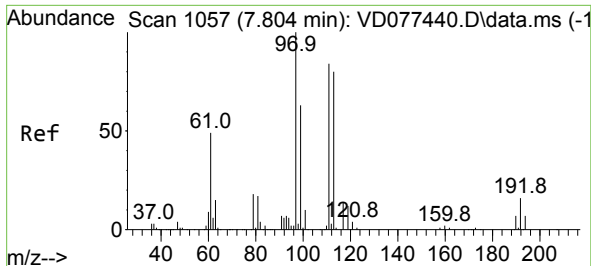
Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 42.710 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

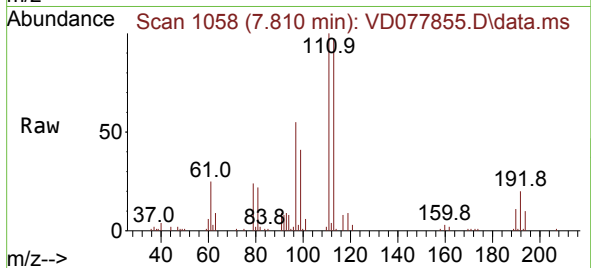
Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :



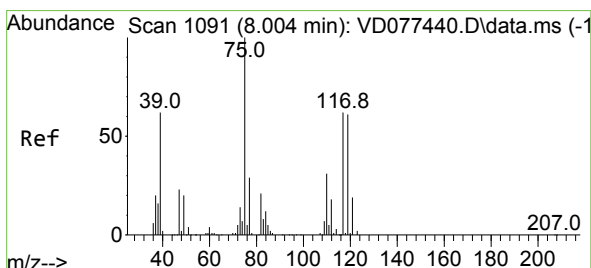
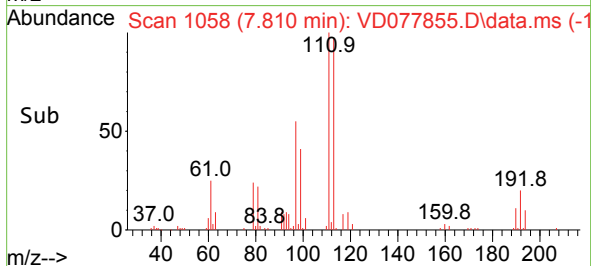
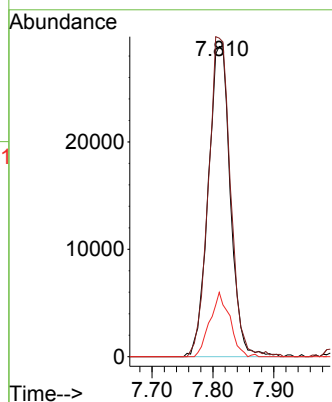
Tgt Ion:113 Resp: 73025

Ion Ratio Lower Upper

113 100

111 103.1 84.7 127.1

192 18.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 19.621 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.012 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

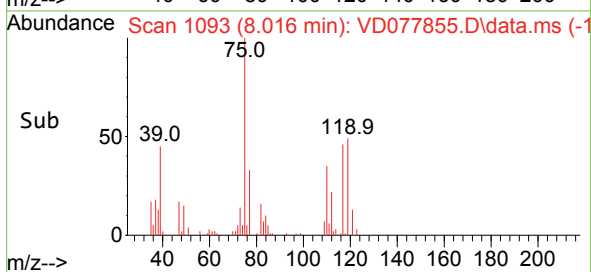
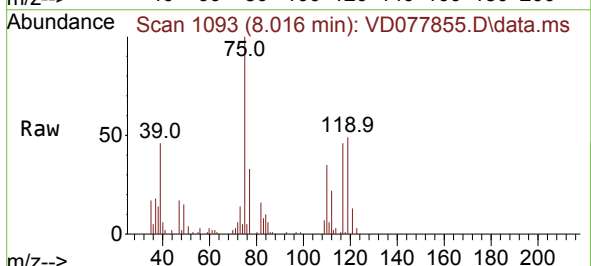
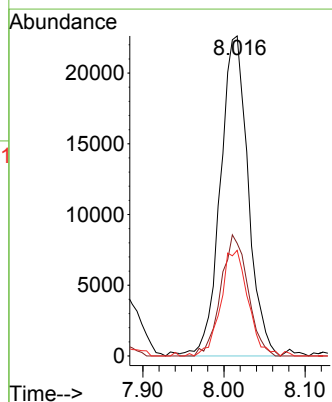
Tgt Ion: 75 Resp: 53661

Ion Ratio Lower Upper

75 100

110 37.0 19.9 59.6

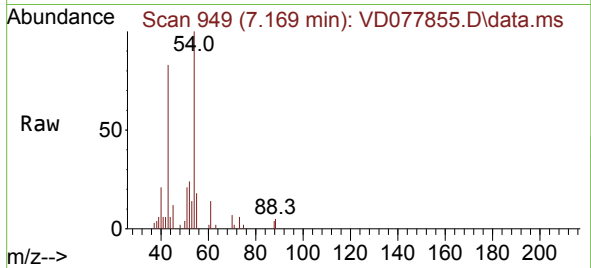
77 32.4 24.7 37.1



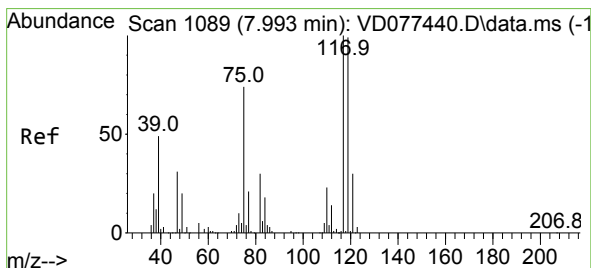
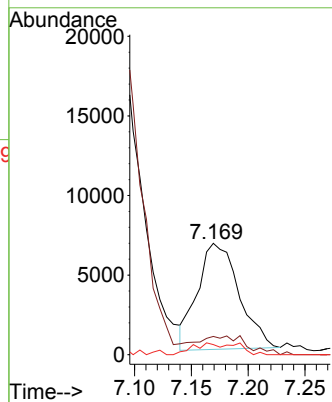
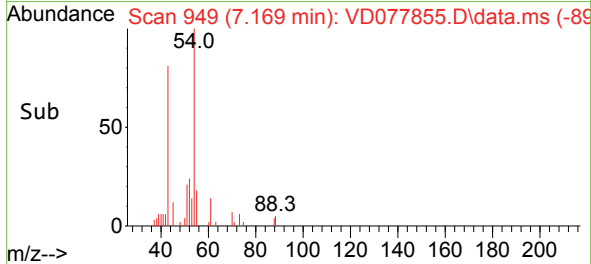


#37
Ethyl Acetate
Concen: 15.930 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :

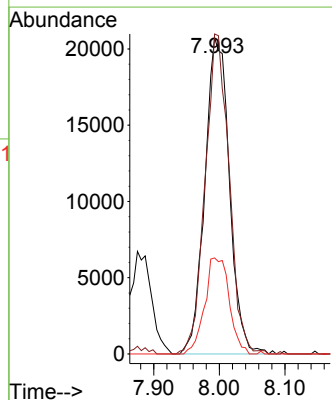
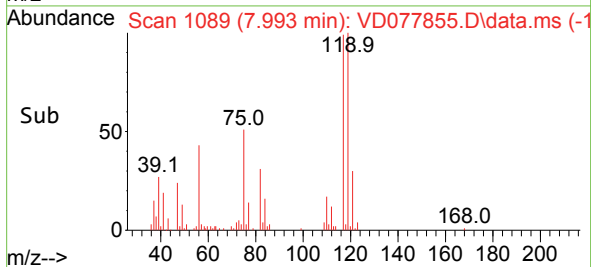
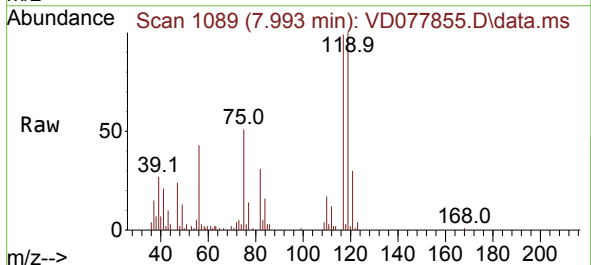


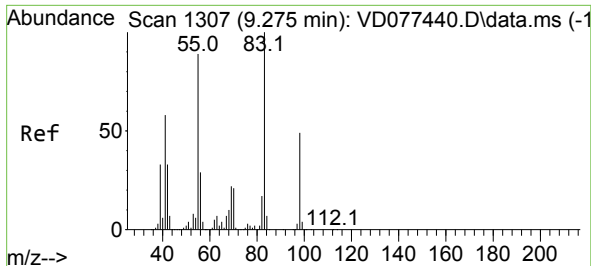
Tgt Ion: 43 Resp: 16988
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 6.9 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 19.838 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 117 Resp: 54090
Ion Ratio Lower Upper
117 100
119 100.5 78.0 117.0
121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 19.903 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

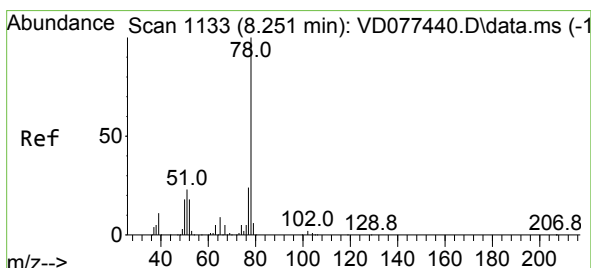
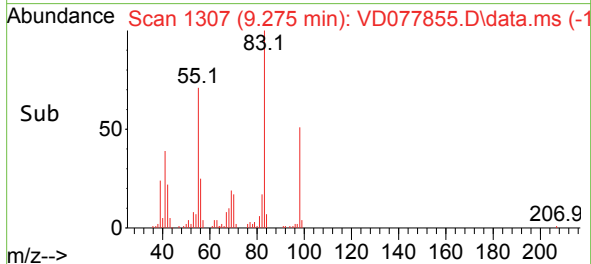
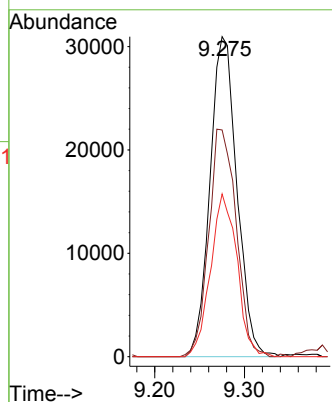
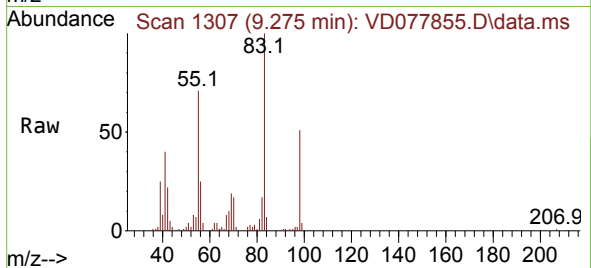
Tgt Ion: 83 Resp: 64531

Ion Ratio Lower Upper

83 100

55 70.9 49.4 74.0

98 50.9 38.4 57.6



#40

Benzene

Concen: 20.146 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077855.D

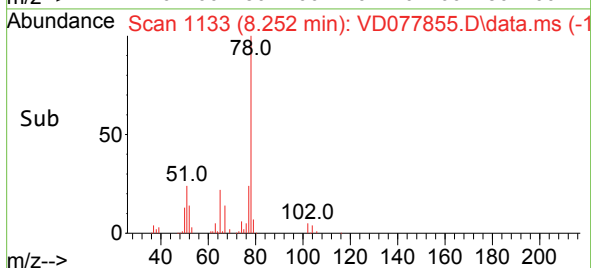
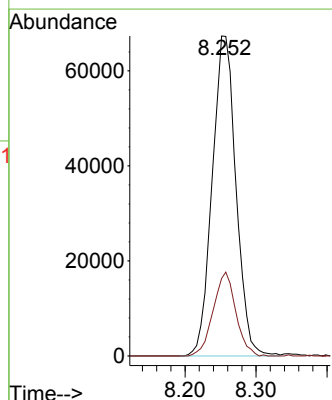
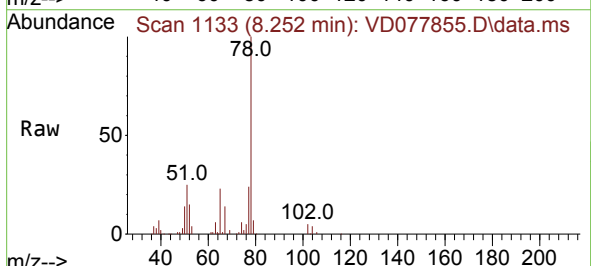
Acq: 13 Dec 2023 12:03

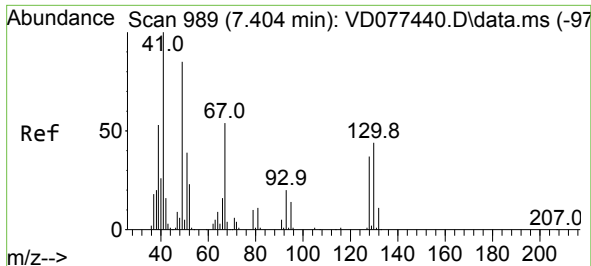
Tgt Ion: 78 Resp: 156379

Ion Ratio Lower Upper

78 100

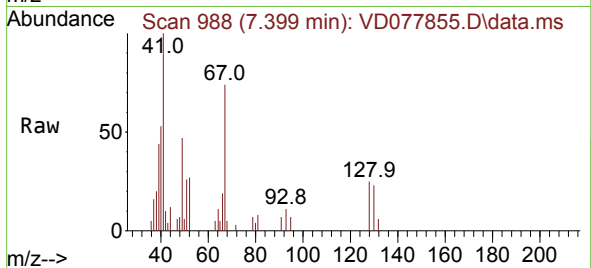
77 24.2 19.4 29.0



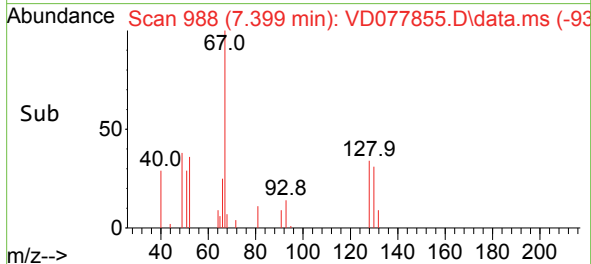
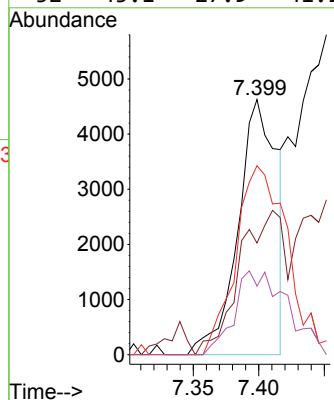


#41
Methacrylonitrile
Concen: 17.642 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :

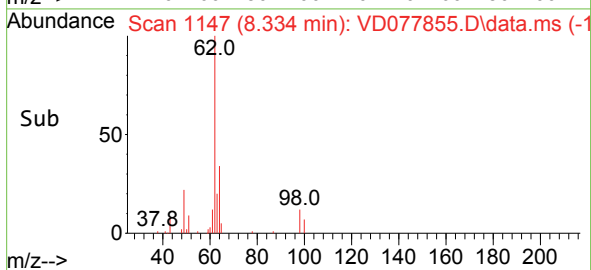
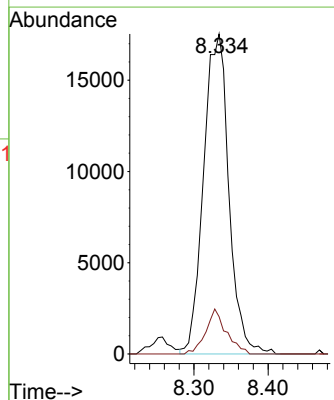
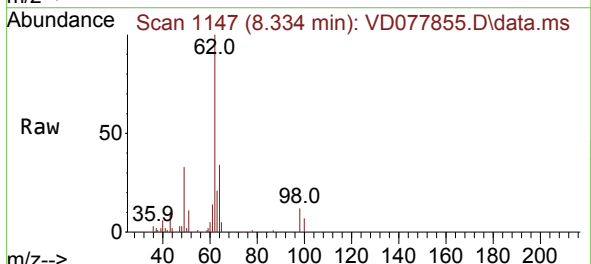


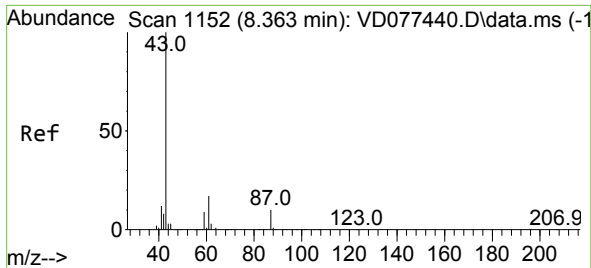
Tgt Ion: 41 Resp: 9562
Ion Ratio Lower Upper
41 100
39 65.4 34.0 51.0#
67 99.2 77.0 115.4
52 45.1 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 20.654 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 62 Resp: 41557
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4

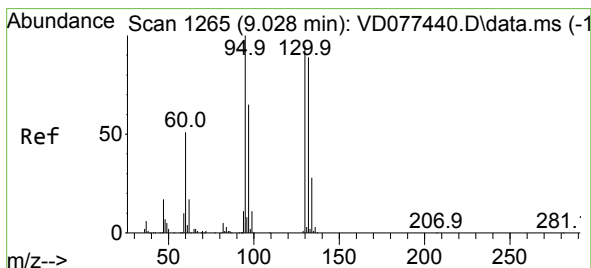
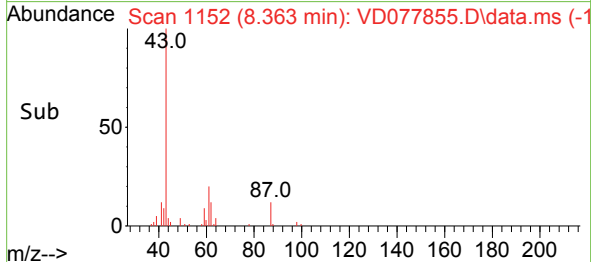
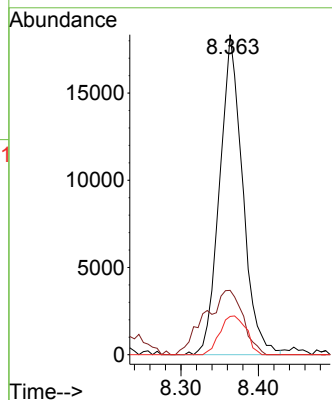
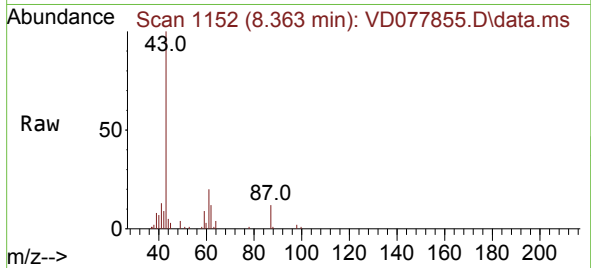




#43
Isopropyl Acetate
Concen: 19.949 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

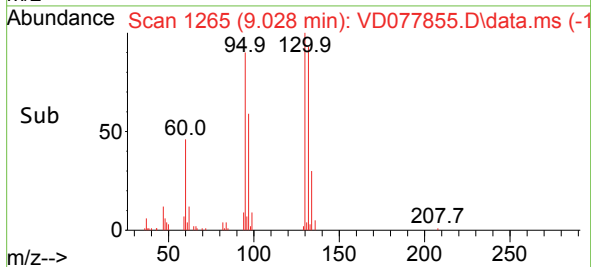
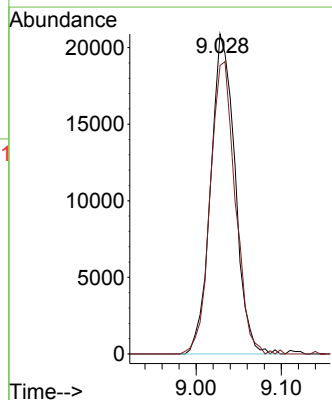
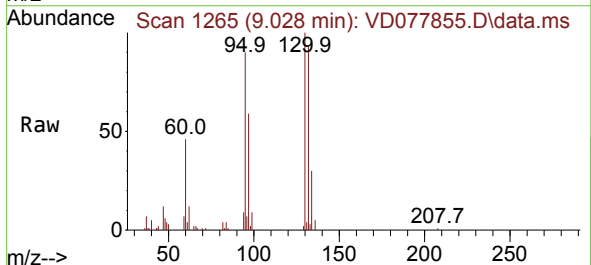
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 37817
Ion Ratio Lower Upper
43 100
61 33.3 31.4 47.0
87 13.9 14.9 22.3#



#44
Trichloroethene
Concen: 20.451 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion:130 Resp: 41368
Ion Ratio Lower Upper
130 100
95 90.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.364 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

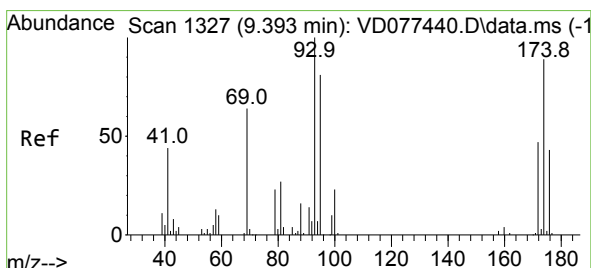
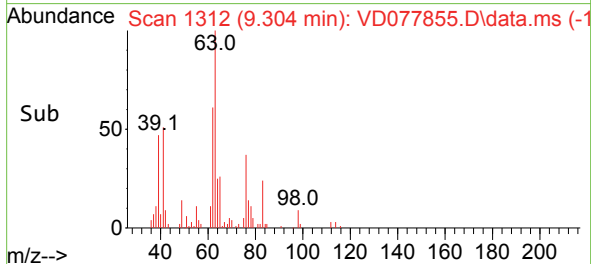
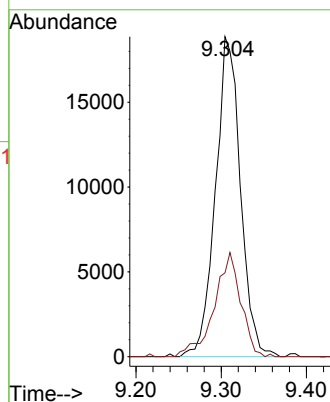
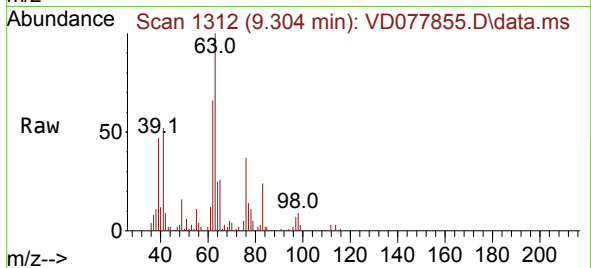
ClientSampleId :

Tgt Ion: 63 Resp: 38426

Ion Ratio Lower Upper

63 100

65 26.2 24.5 36.7



#46

Dibromomethane

Concen: 20.589 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

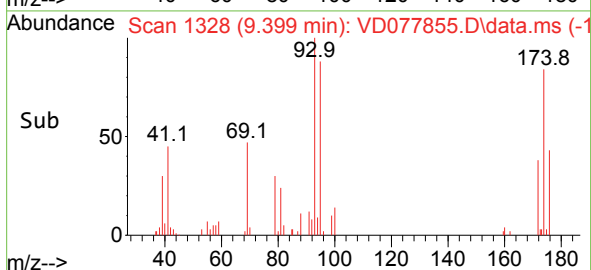
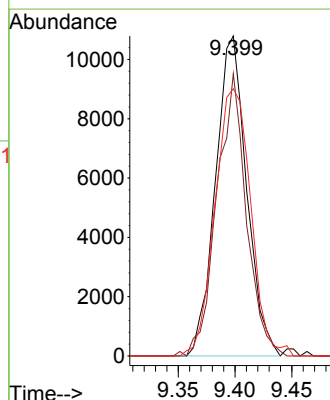
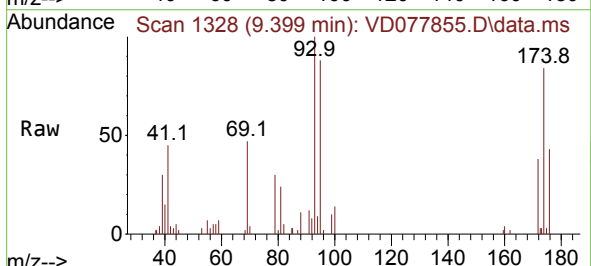
Tgt Ion: 93 Resp: 20557

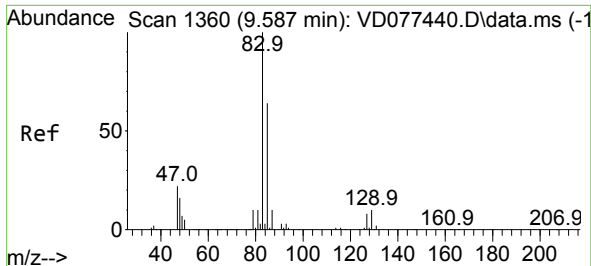
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 95.8 85.4 128.2





#47

Bromodichloromethane

Concen: 20.549 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077855.D

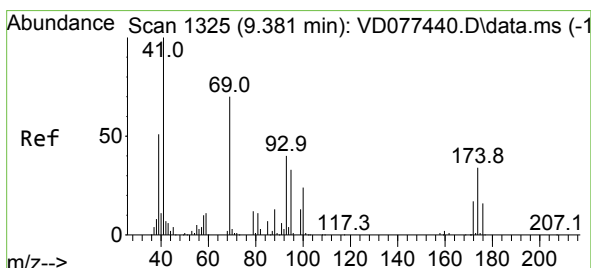
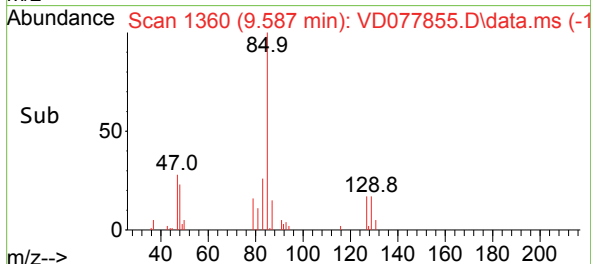
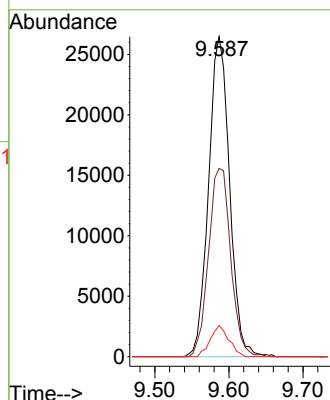
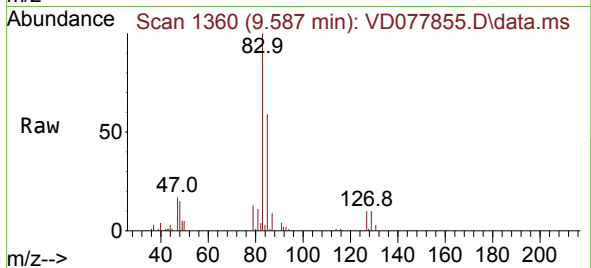
Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	52004
Ion	Ratio	Lower	Upper
83	100		
85	58.9	50.2	75.4
127	9.8	6.3	9.5#



#48

Methyl methacrylate

Concen: 18.965 ug/l

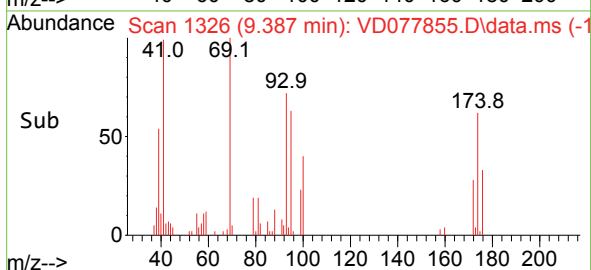
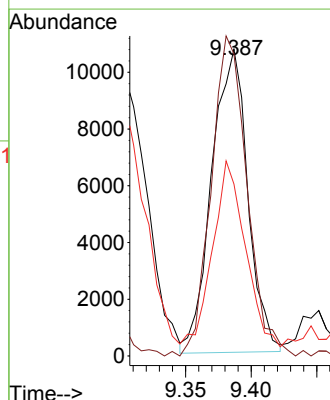
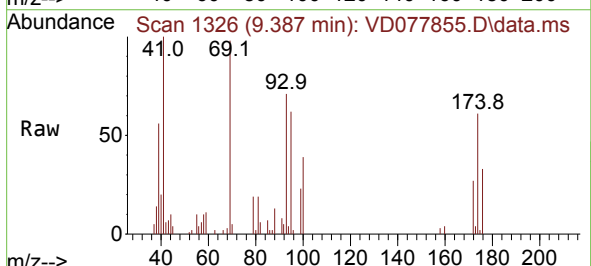
RT: 9.387 min Scan# 1326

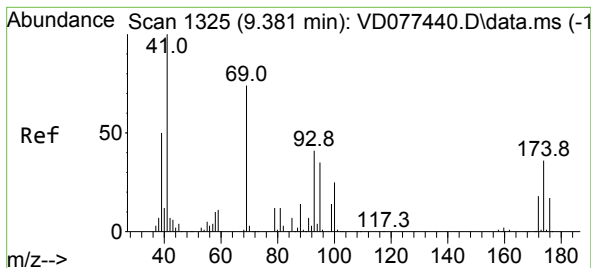
Delta R.T. 0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Tgt Ion:	41	Resp:	20436
Ion	Ratio	Lower	Upper
41	100		
69	104.6	102.2	153.2
39	58.3	41.4	62.2





#49

1,4-Dioxane

Concen: 369.979 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

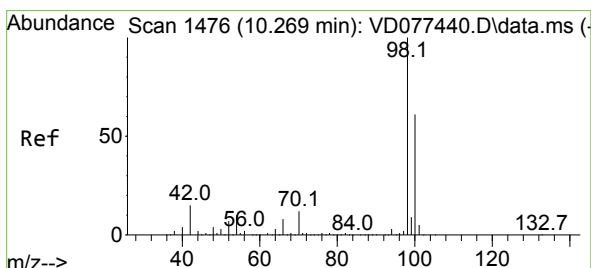
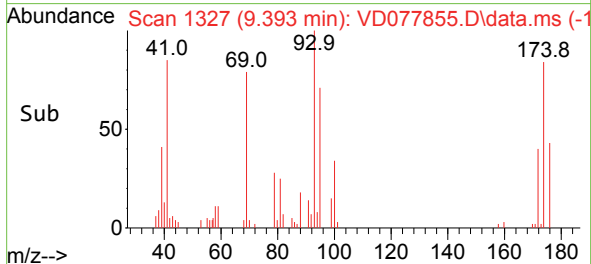
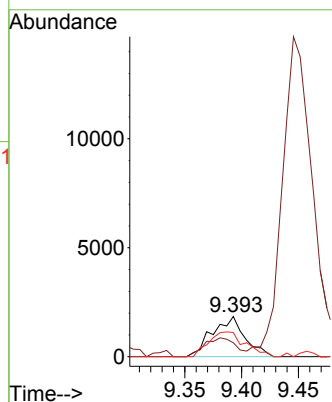
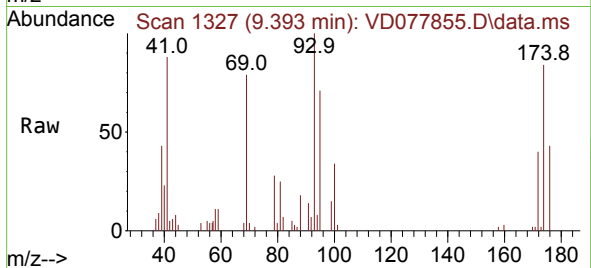
Tgt Ion: 88 Resp: 3668

Ion Ratio Lower Upper

88 100

43 46.0 19.0 28.6#

58 69.2 43.5 65.3#



#50

Toluene-d8

Concen: 42.961 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077855.D

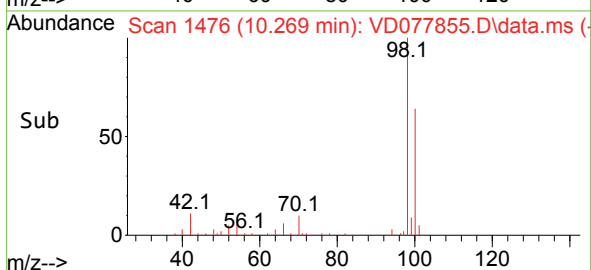
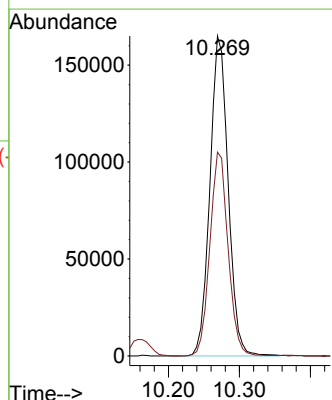
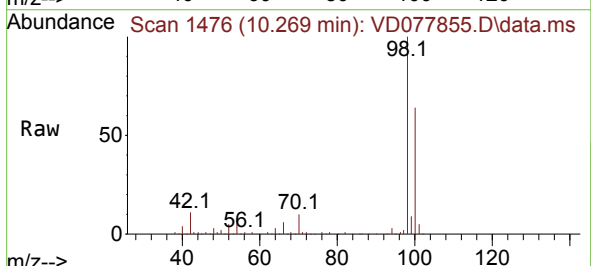
Acq: 13 Dec 2023 12:03

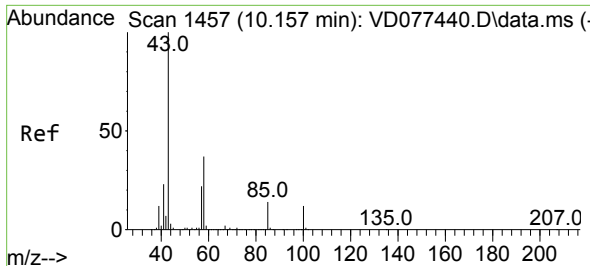
Tgt Ion: 98 Resp: 294193

Ion Ratio Lower Upper

98 100

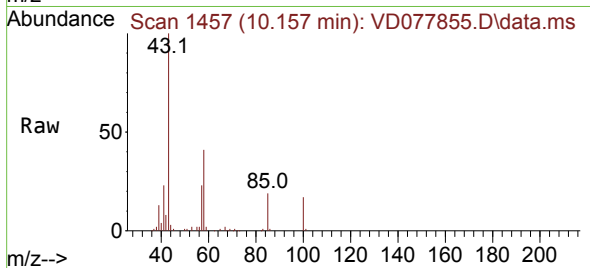
100 63.6 50.3 75.5



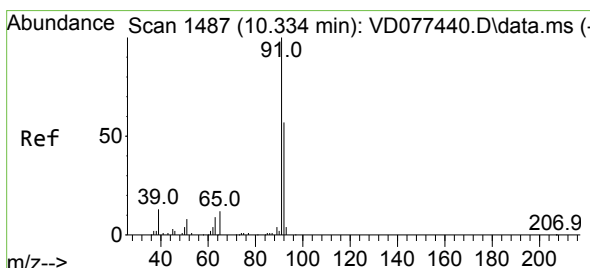
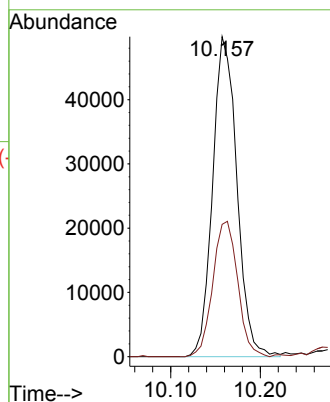
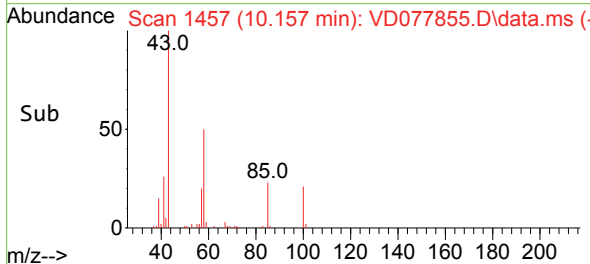


#51
4-Methyl-2-Pentanone
Concen: 96.770 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

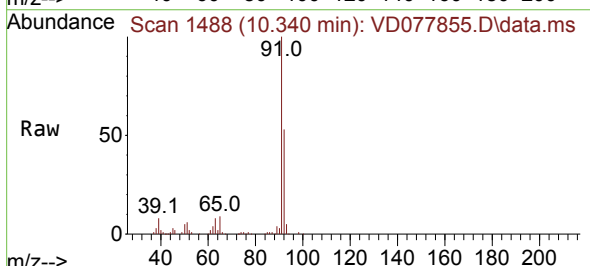
Instrument :
MSVOA_D
ClientSampleId :



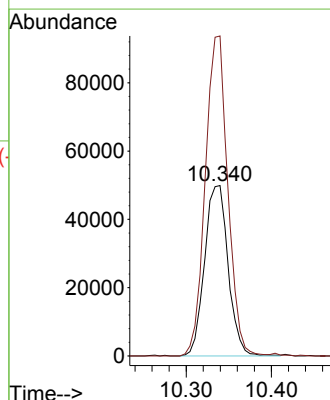
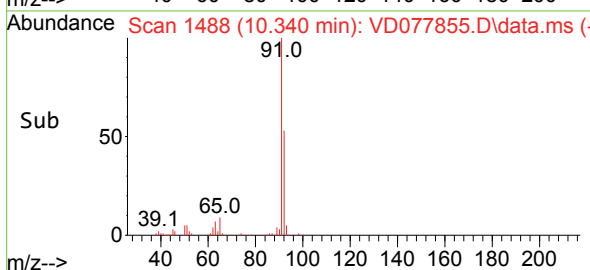
Tgt Ion: 43 Resp: 93622
Ion Ratio Lower Upper
43 100
58 43.3 38.9 58.3

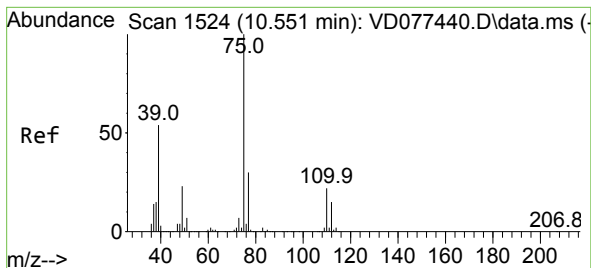


#52
Toluene
Concen: 19.929 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



Tgt Ion: 92 Resp: 95957
Ion Ratio Lower Upper
92 100
91 179.1 143.0 214.4

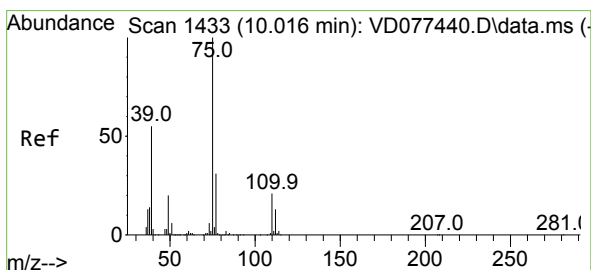
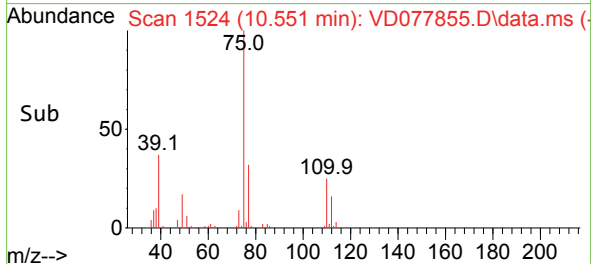
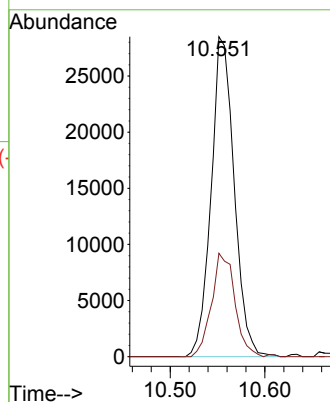
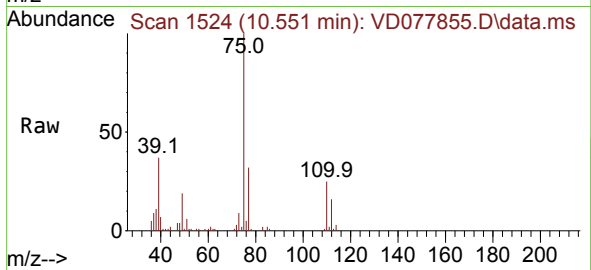




#53
 t-1,3-Dichloropropene
 Concen: 19.837 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03

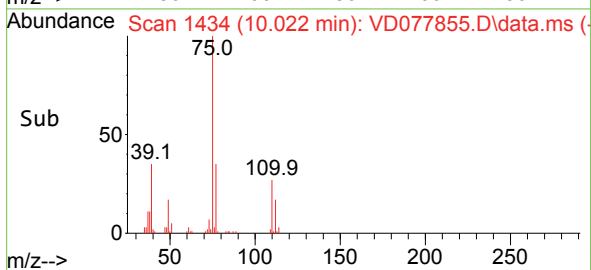
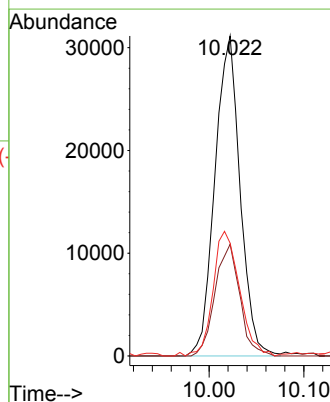
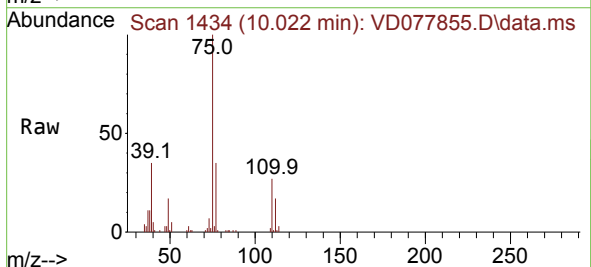
Instrument :
 MSVOA_D
 ClientSampleId :

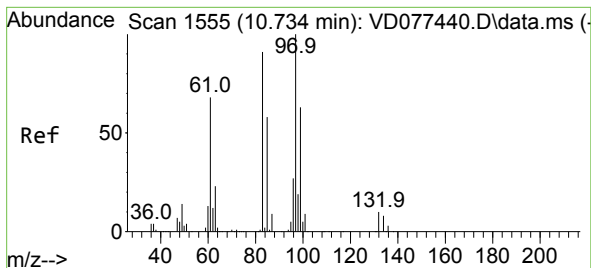
Tgt Ion: 75 Resp: 48208
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.578 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03

Tgt Ion: 75 Resp: 57524
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.5 38.3
 39 34.7 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.204 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

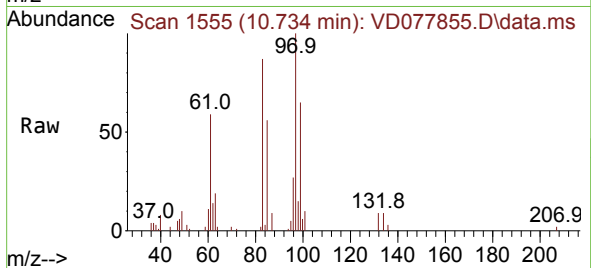
Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 27593

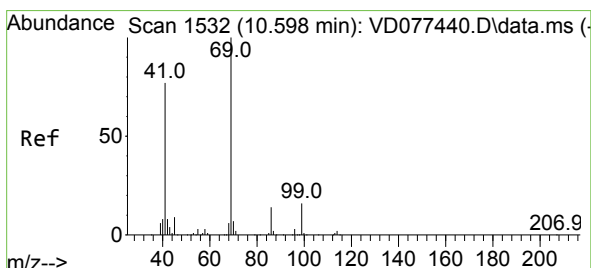
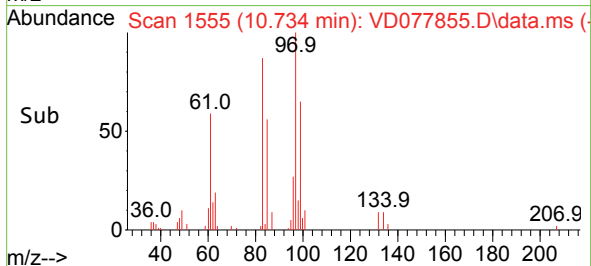
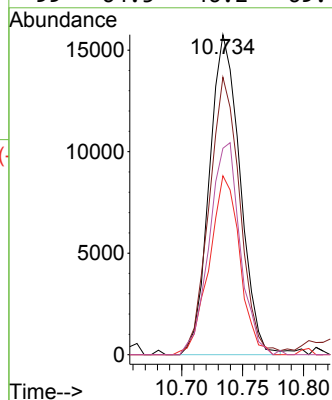
Ion Ratio Lower Upper

97 100

83 86.7 65.8 98.6

85 55.9 45.7 68.5

99 64.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.223 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

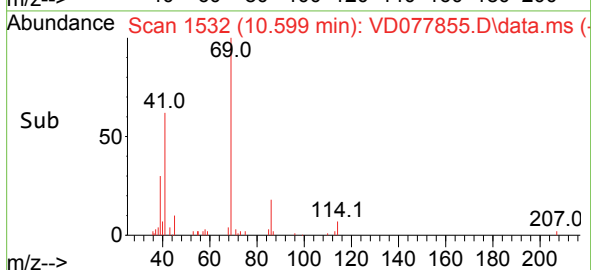
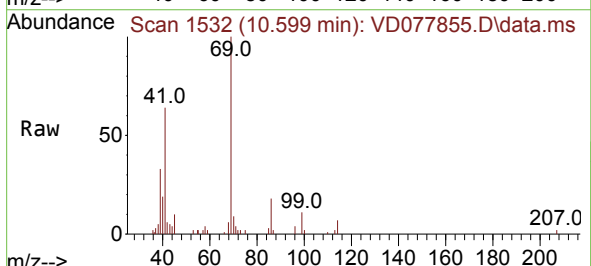
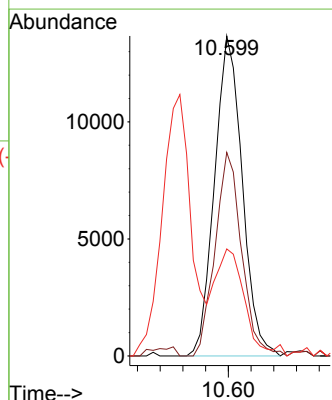
Tgt Ion: 69 Resp: 23142

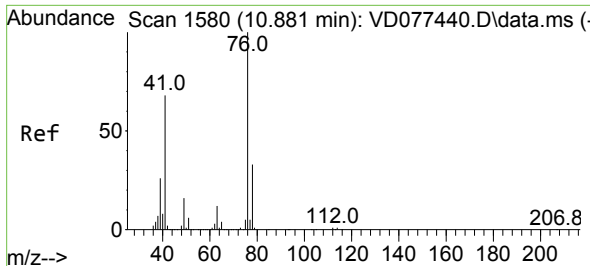
Ion Ratio Lower Upper

69 100

41 61.0 39.1 58.7#

39 35.8 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.764 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

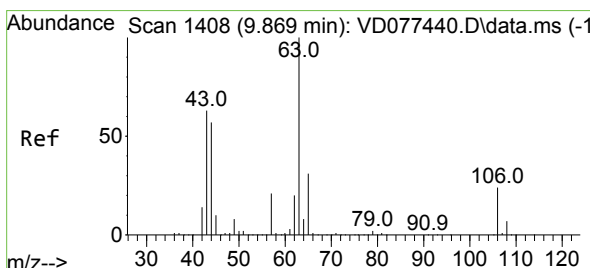
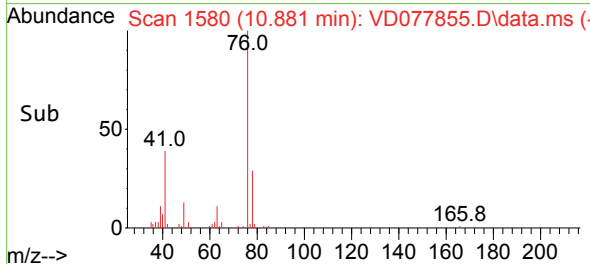
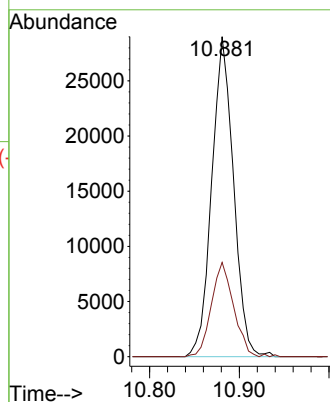
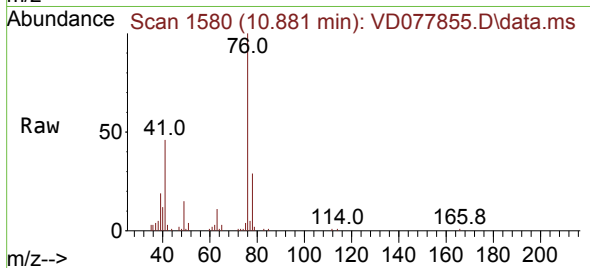
ClientSampleId :

Tgt Ion: 76 Resp: 48880

Ion Ratio Lower Upper

76 100

78 30.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 93.341 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077855.D

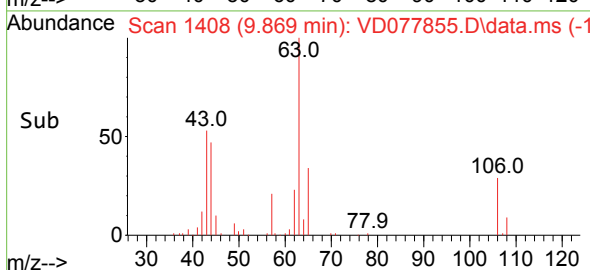
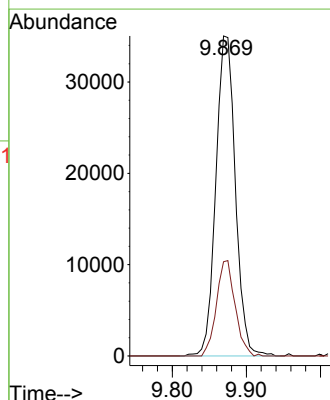
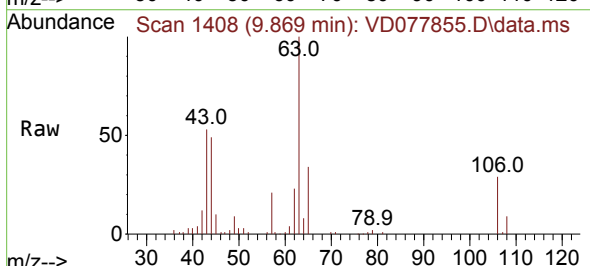
Acq: 13 Dec 2023 12:03

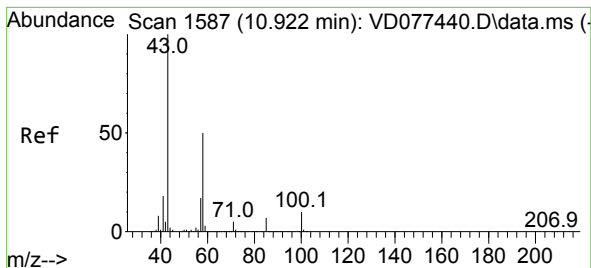
Tgt Ion: 63 Resp: 64084

Ion Ratio Lower Upper

63 100

106 28.5 25.3 37.9

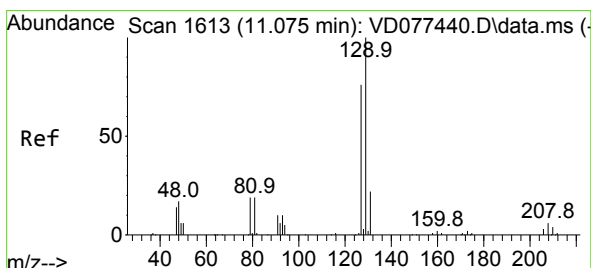
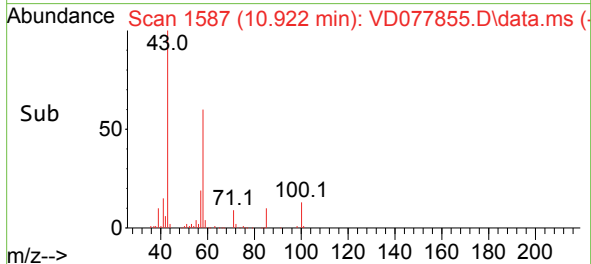
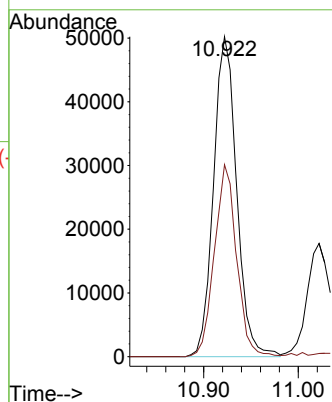
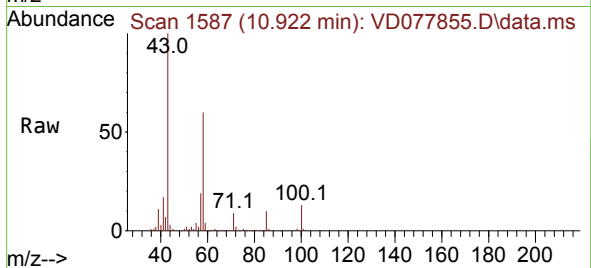




#59
2-Hexanone
Concen: 105.986 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

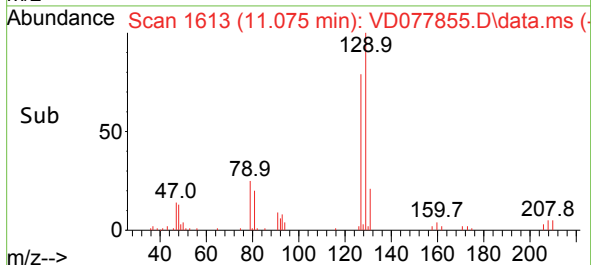
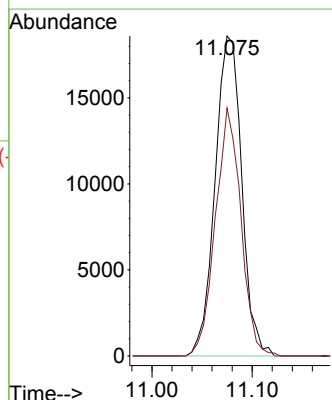
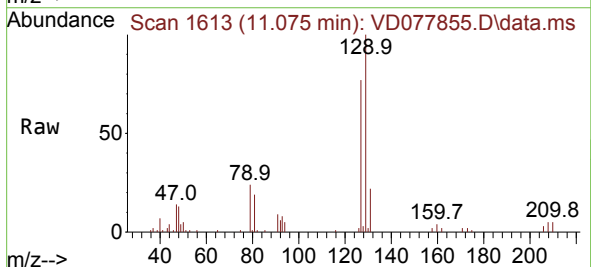
Instrument :
MSVOA_D
ClientSampleId :

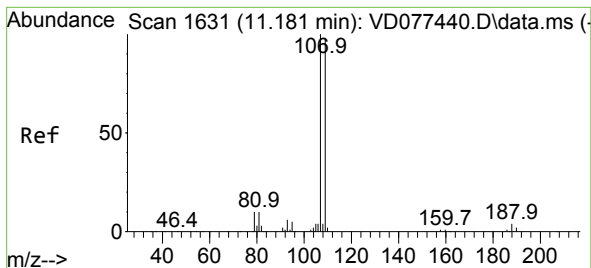
Tgt Ion: 43 Resp: 85071
Ion Ratio Lower Upper
43 100
58 57.8 34.1 102.2



#60
Dibromochloromethane
Concen: 20.864 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 129 Resp: 34306
Ion Ratio Lower Upper
129 100
127 74.1 37.1 111.5

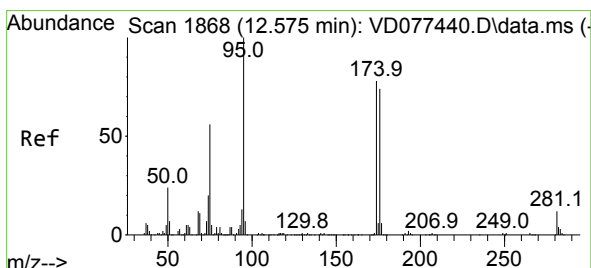
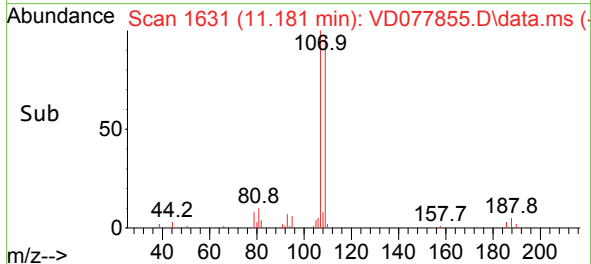
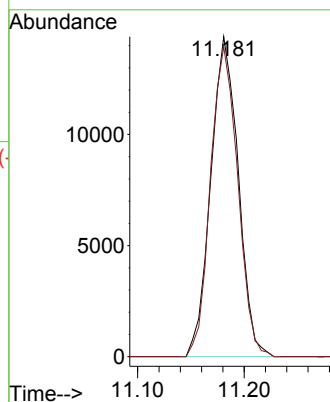
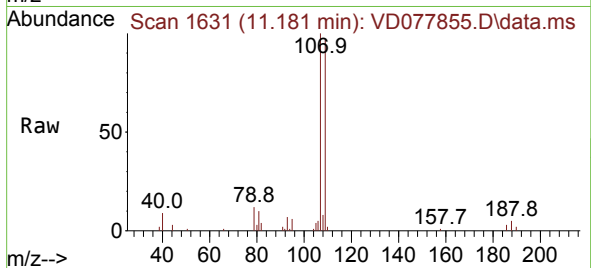




#61
1,2-Dibromoethane
Concen: 20.050 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

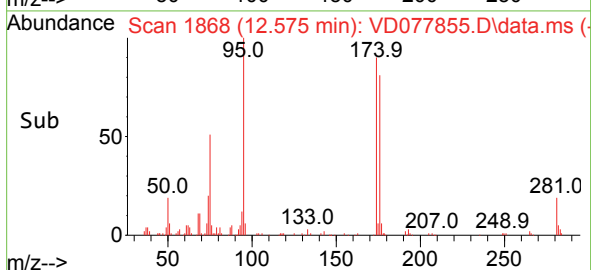
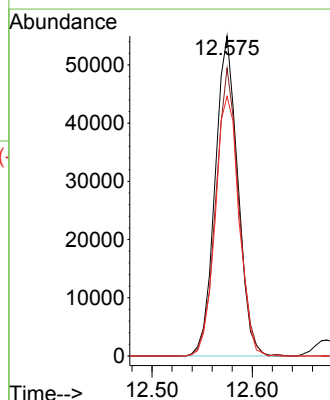
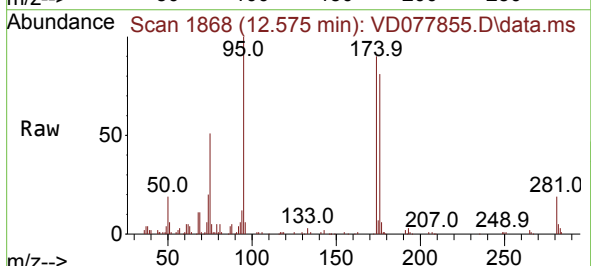
Instrument :
MSVOA_D
ClientSampleId :

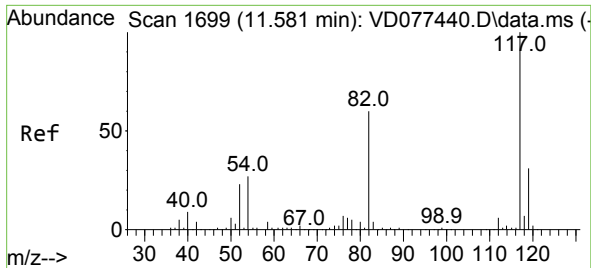
Tgt Ion:107 Resp: 25776
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 42.181 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 95 Resp: 86360
Ion Ratio Lower Upper
95 100
174 90.4 0.0 201.8
176 85.2 0.0 191.8

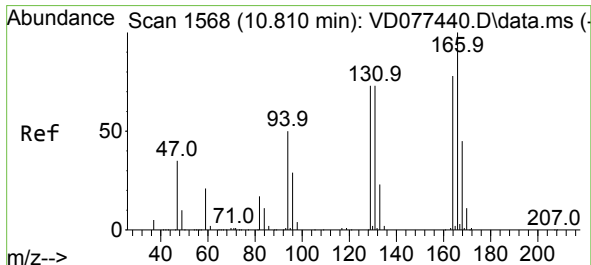
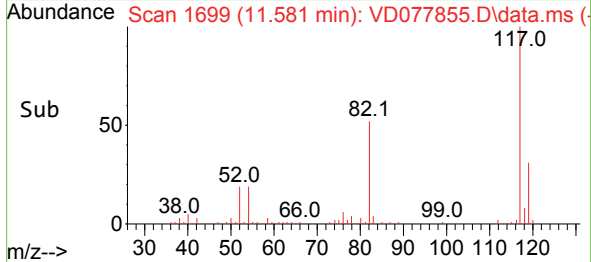
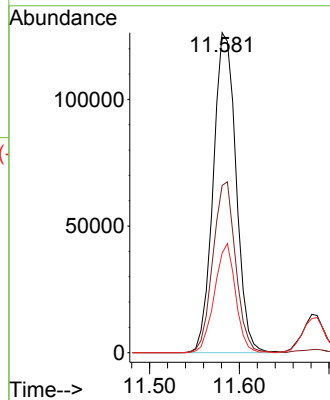
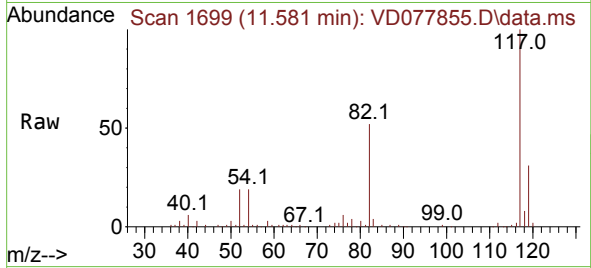




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

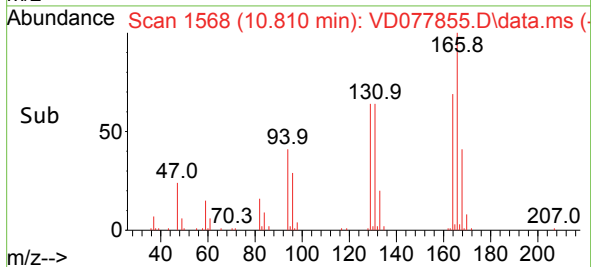
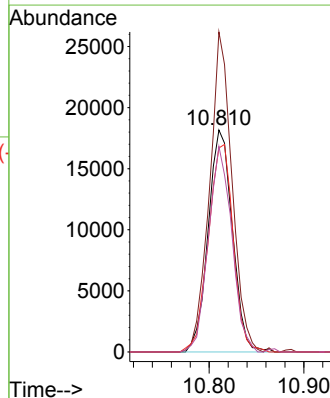
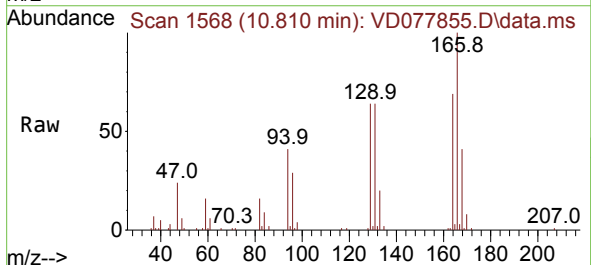
Instrument :
MSVOA_D
ClientSampleId :

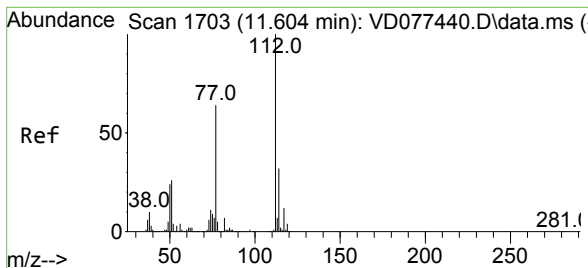
Tgt Ion:117 Resp: 222952
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 31.1 25.0 37.4



#64
Tetrachloroethene
Concen: 19.720 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion:164 Resp: 32314
Ion Ratio Lower Upper
164 100
166 144.2 99.2 148.8
129 91.9 68.4 102.6
131 92.6 63.8 95.8





#65

Chlorobenzene

Concen: 19.069 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

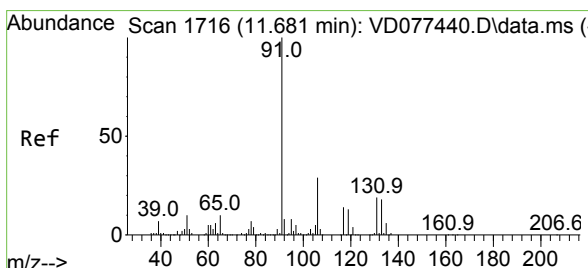
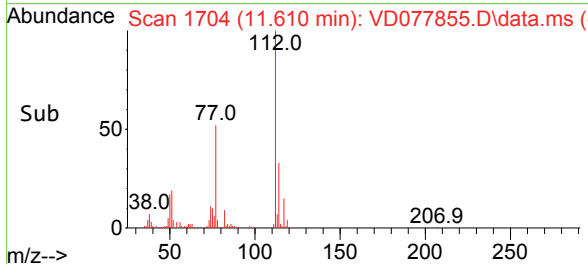
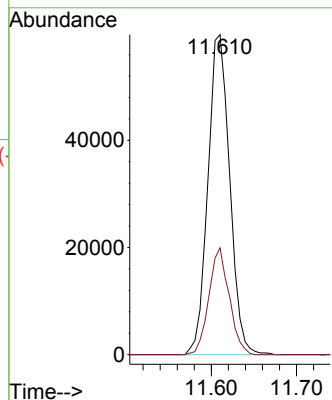
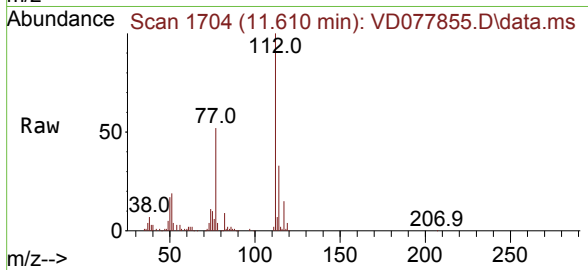
ClientSampleId :

Tgt Ion:112 Resp: 106257

Ion Ratio Lower Upper

112 100

114 33.4 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.449 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

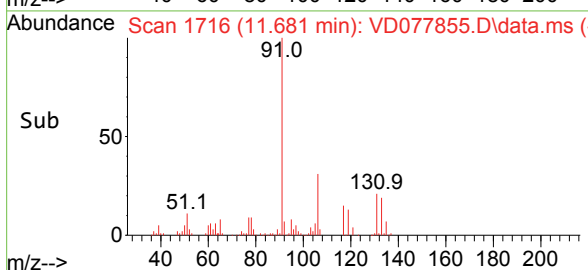
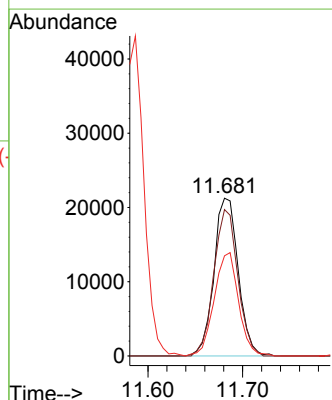
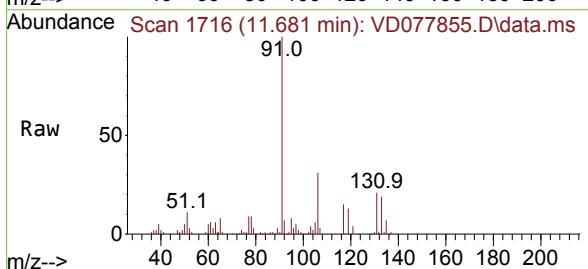
Tgt Ion:131 Resp: 37913

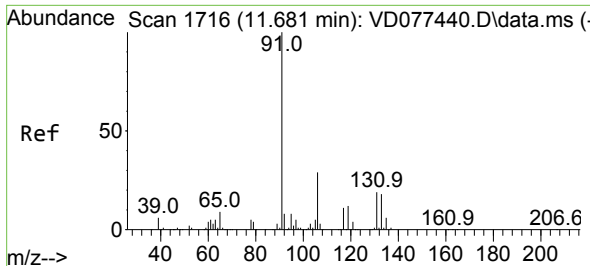
Ion Ratio Lower Upper

131 100

133 91.5 48.5 145.5

119 65.6 35.6 106.9

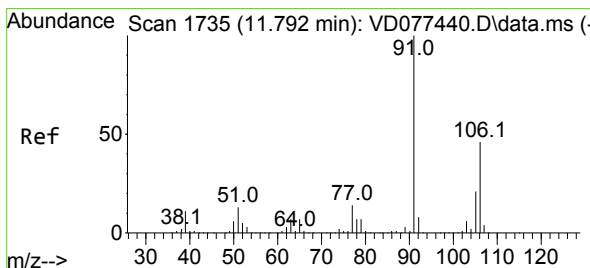
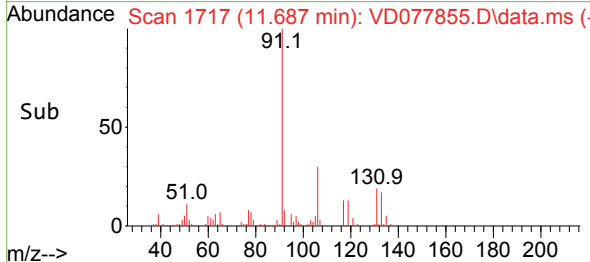
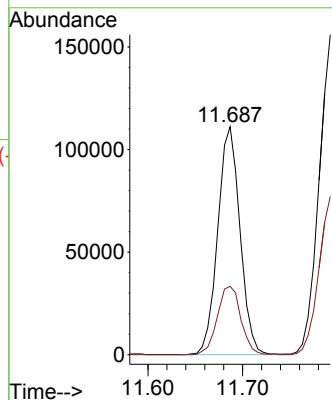
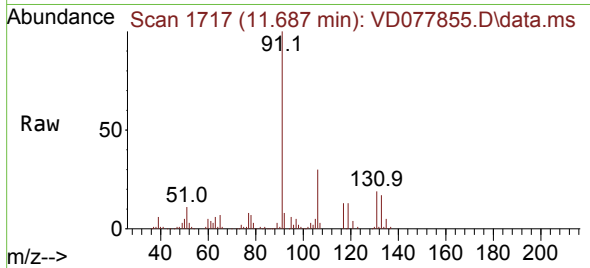




#67
Ethyl Benzene
Concen: 19.535 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

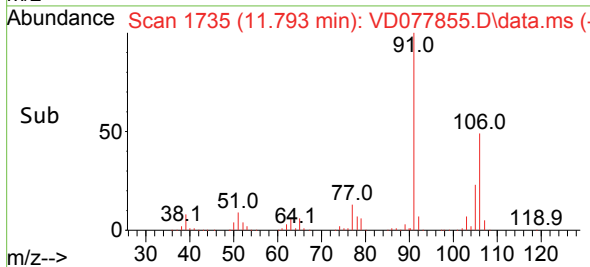
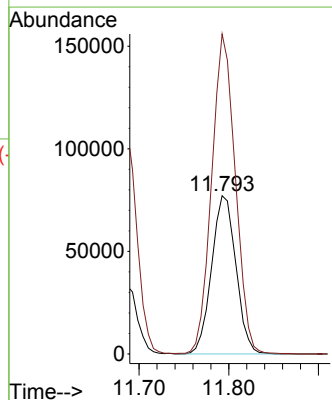
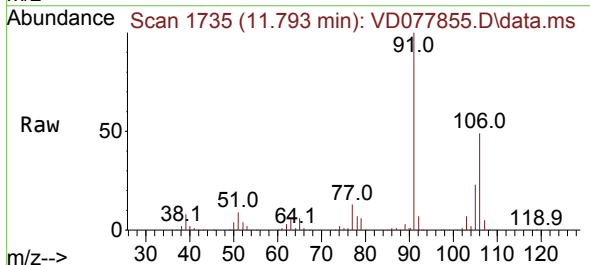
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 181330
Ion Ratio Lower Upper
91 100
106 30.0 26.5 39.7



#68
m/p-Xylenes
Concen: 40.826 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion:106 Resp: 144953
Ion Ratio Lower Upper
106 100
91 197.4 147.0 220.6

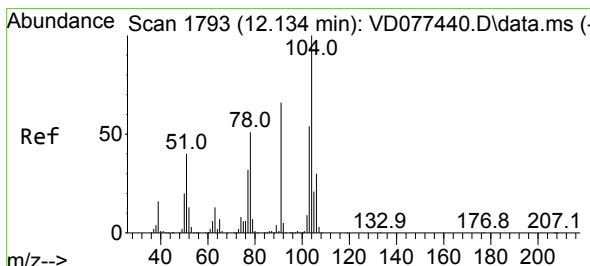
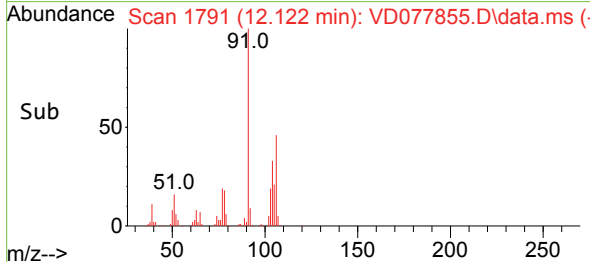
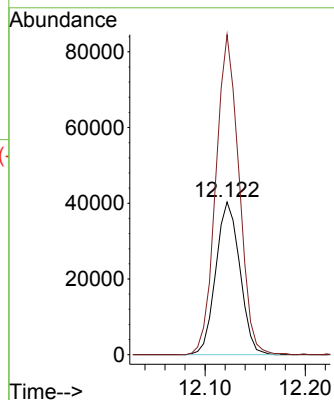
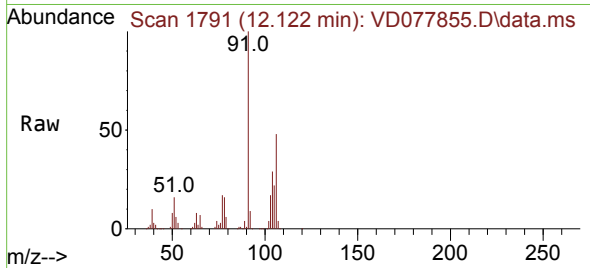




#69
o-Xylene
Concen: 20.517 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

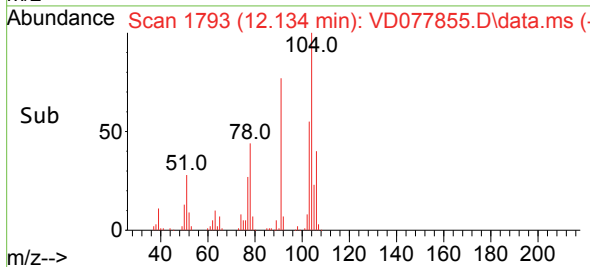
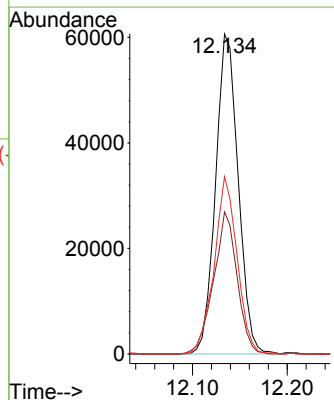
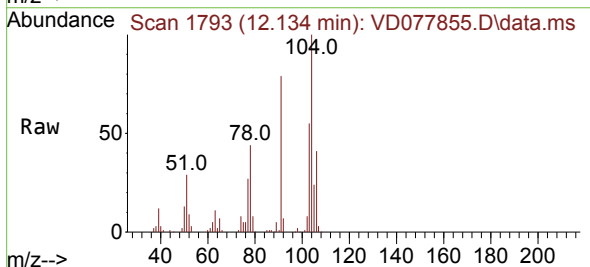
Instrument :
MSVOA_D
ClientSampleId :

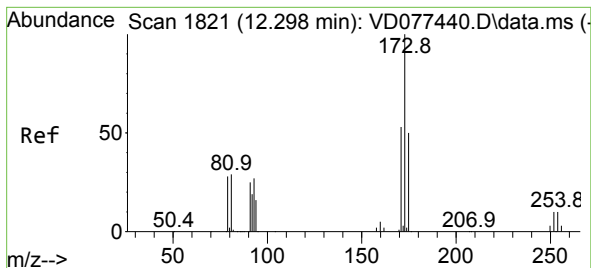
Tgt Ion:106 Resp: 67135
Ion Ratio Lower Upper
106 100
91 202.3 97.9 293.6



#70
Styrene
Concen: 20.718 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion:104 Resp: 100804
Ion Ratio Lower Upper
104 100
78 46.1 33.2 49.8
103 56.3 43.6 65.4





#71

Bromoform

Concen: 20.169 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

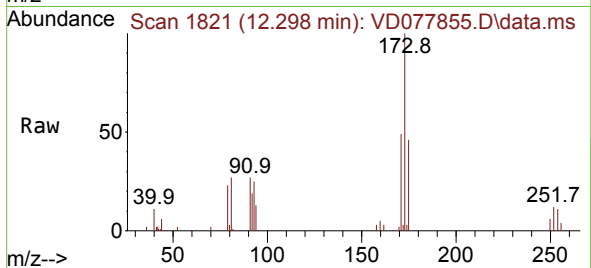
Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

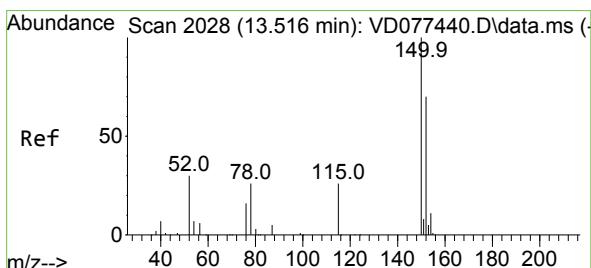
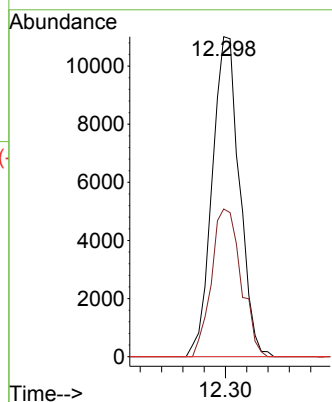
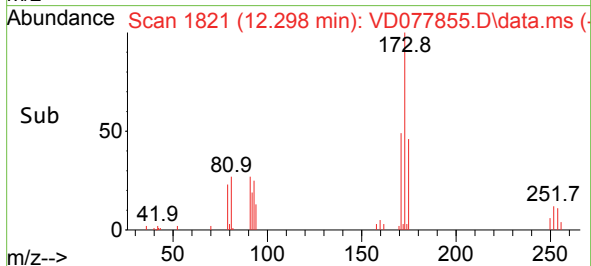
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	173	Resp:	19538
Ion Ratio	Lower	Upper	
173	100		
175	50.2	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

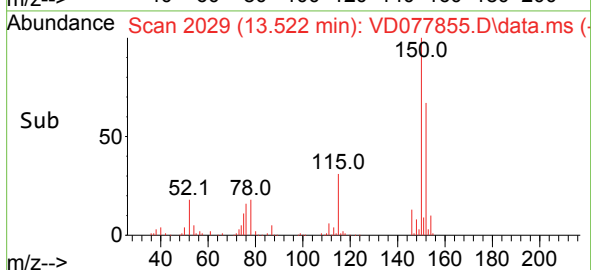
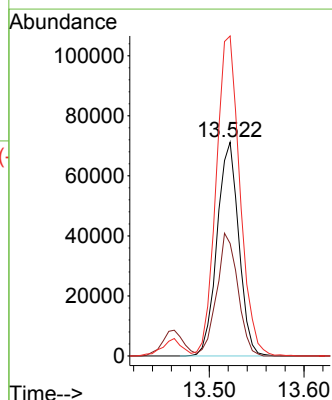
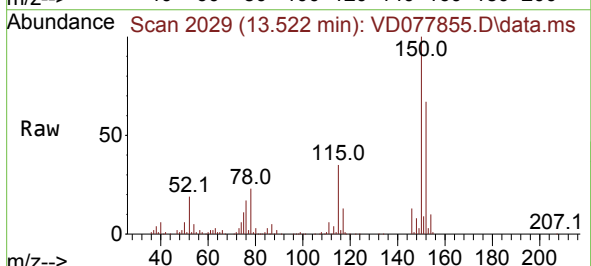
RT: 13.522 min Scan# 2029

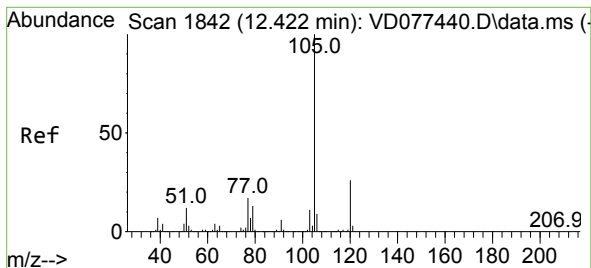
Delta R.T. 0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Tgt Ion:	152	Resp:	113357
Ion Ratio	Lower	Upper	
152	100		
115	55.8	27.1	81.3
150	163.9	0.0	353.6





#73

Isopropylbenzene

Concen: 20.741 ug/l

RT: 12.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

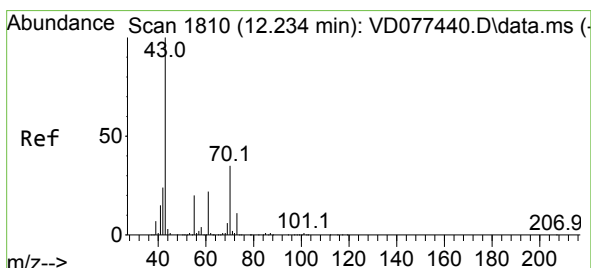
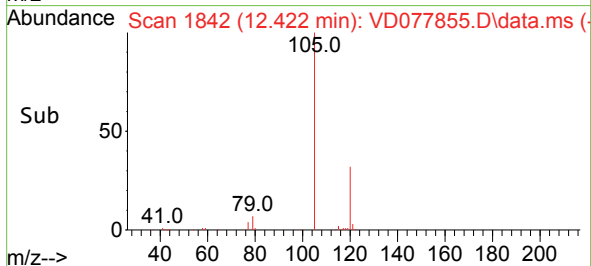
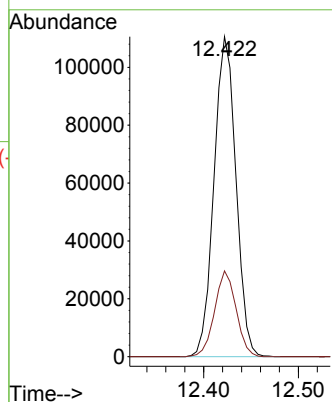
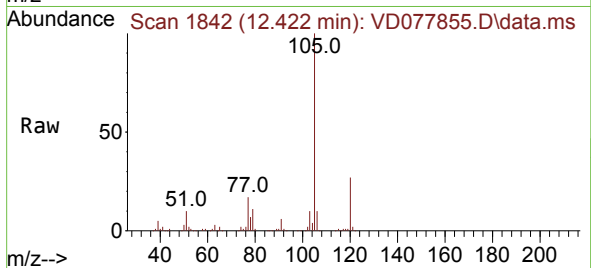
ClientSampleId :

Tgt Ion:105 Resp: 178198

Ion Ratio Lower Upper

105 100

120 26.2 14.3 42.9



#74

N-ethyl acetate

Concen: 19.303 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Tgt Ion: 43 Resp: 32600

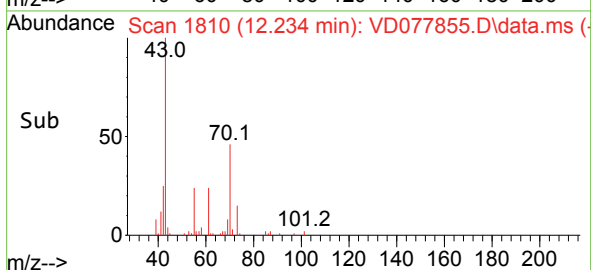
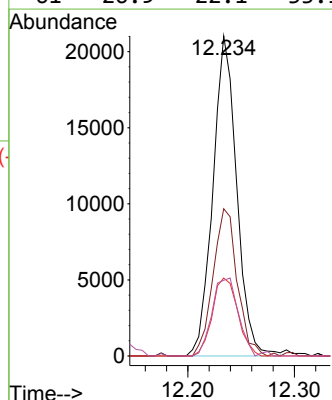
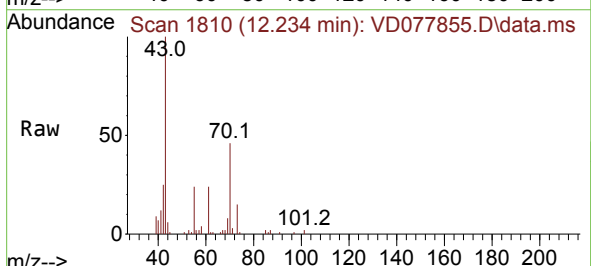
Ion Ratio Lower Upper

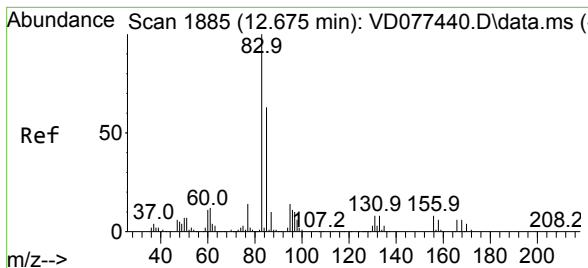
43 100

70 46.6 45.0 67.4

55 26.0 23.8 35.6

61 26.9 22.1 33.1

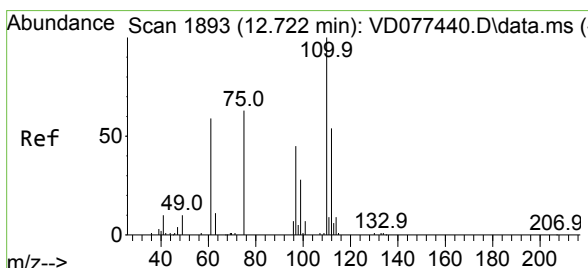
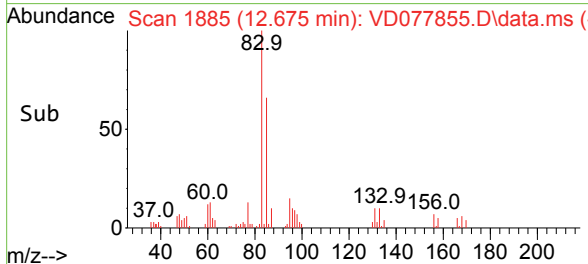
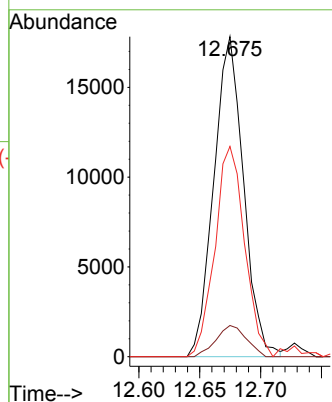
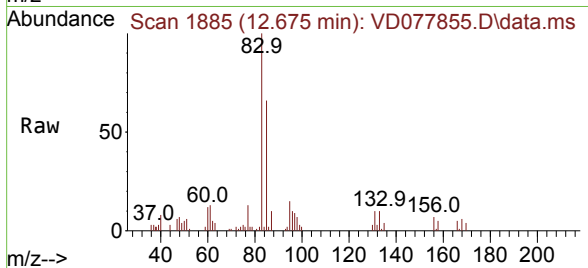




#75
1,1,2,2-Tetrachloroethane
Concen: 20.182 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

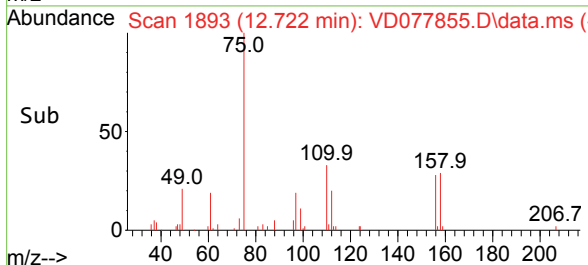
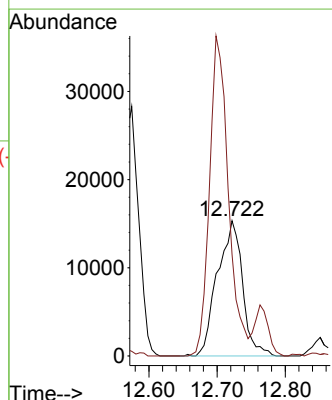
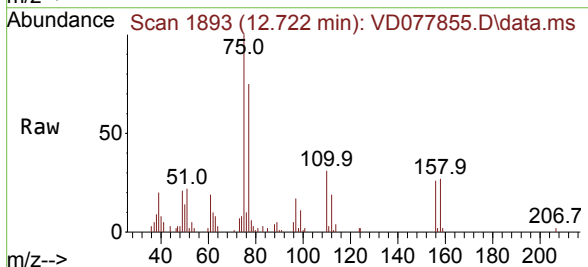
Instrument : MSVOA_D
ClientSampleId :

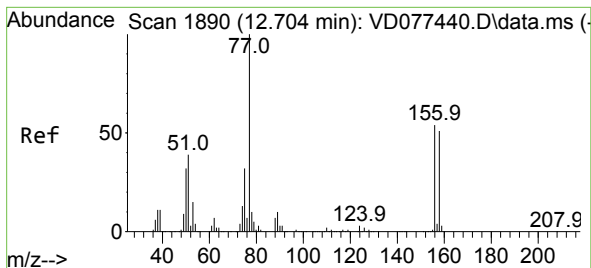
Tgt Ion: 83 Resp: 30233
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 65.5 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 39.957 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 75 Resp: 39338
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.090 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

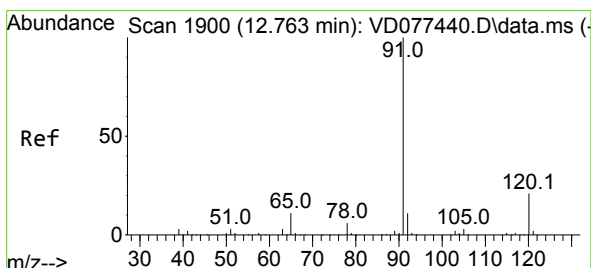
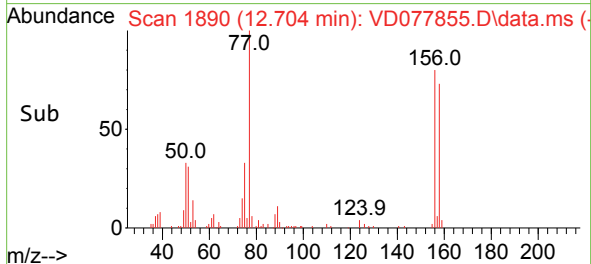
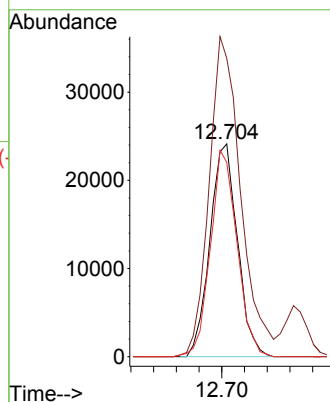
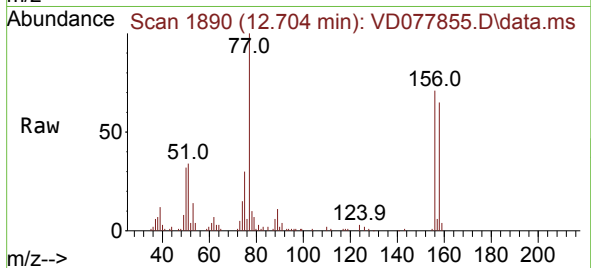
Tgt Ion:156 Resp: 40598

Ion Ratio Lower Upper

156 100

77 172.2 76.8 230.4

158 93.6 48.6 145.9



#78

n-propylbenzene

Concen: 20.308 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077855.D

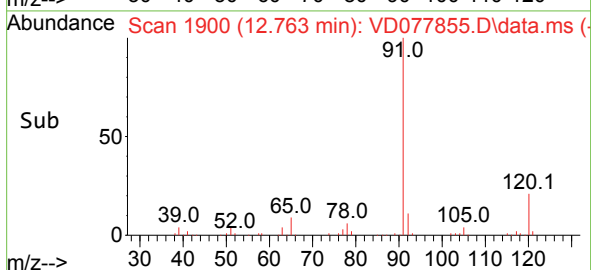
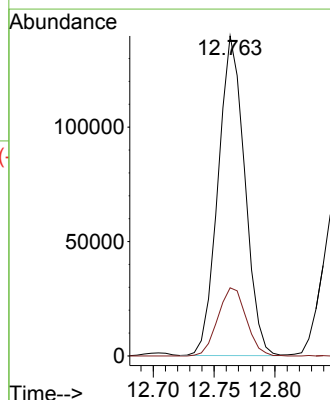
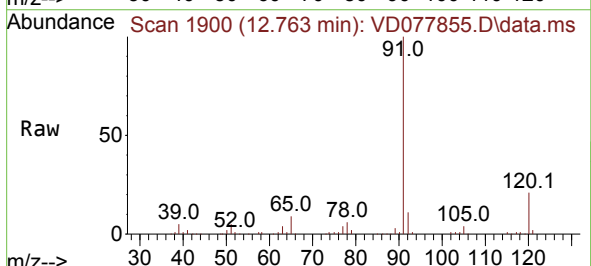
Acq: 13 Dec 2023 12:03

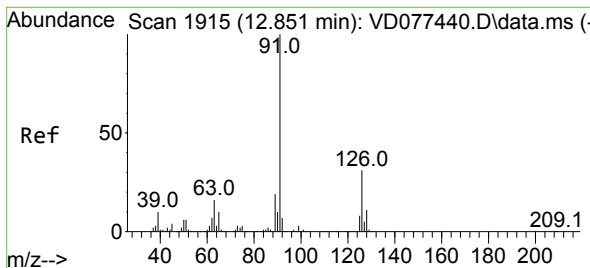
Tgt Ion: 91 Resp: 212607

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2





#79

2-Chlorotoluene

Concen: 19.860 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

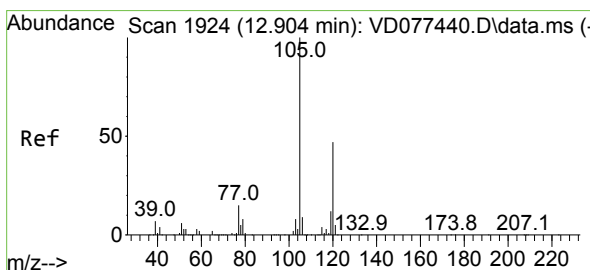
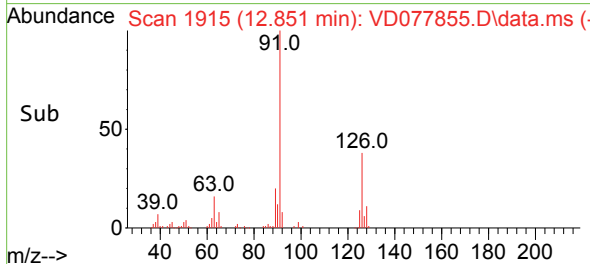
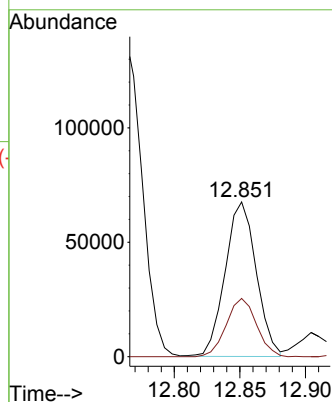
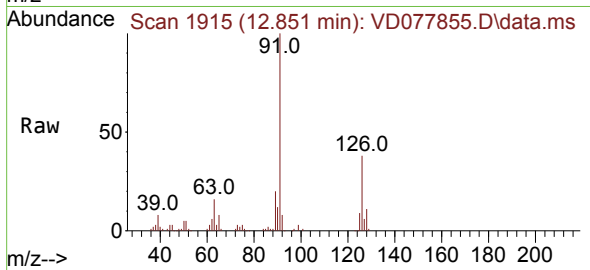
ClientSampleId :

Tgt Ion: 91 Resp: 111421

Ion Ratio Lower Upper

91 100

126 36.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.020 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077855.D

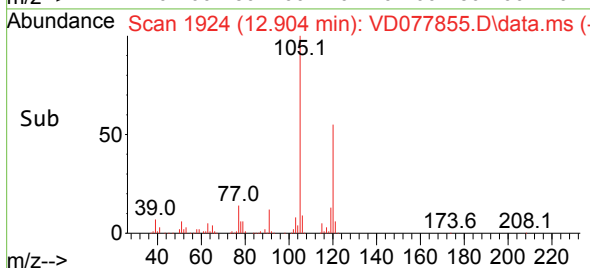
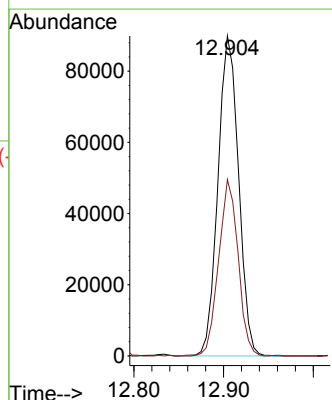
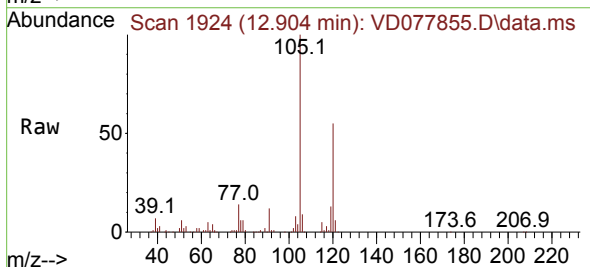
Acq: 13 Dec 2023 12:03

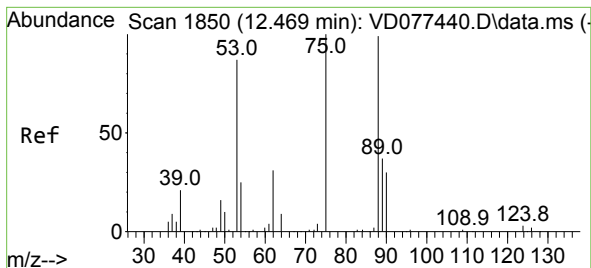
Tgt Ion:105 Resp: 143452

Ion Ratio Lower Upper

105 100

120 52.0 26.4 79.2

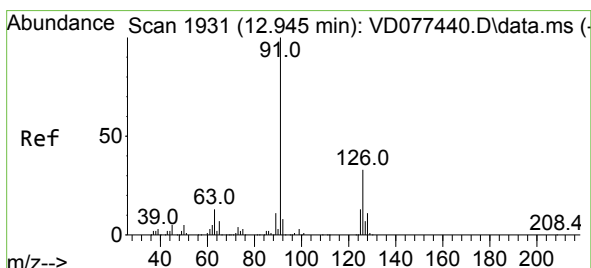
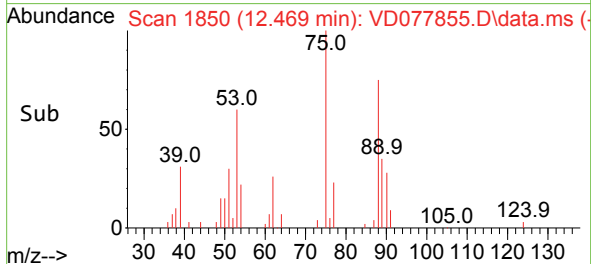
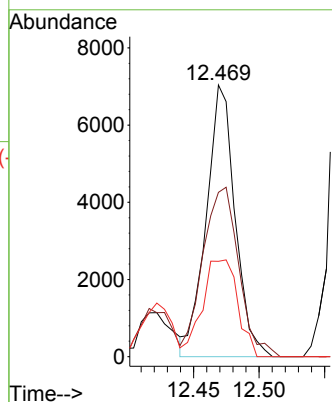
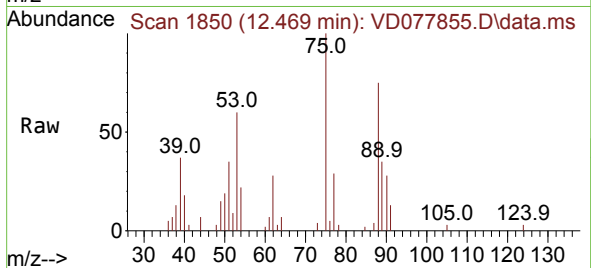




#81
trans-1,4-Dichloro-2-butene
Concen: 22.131 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

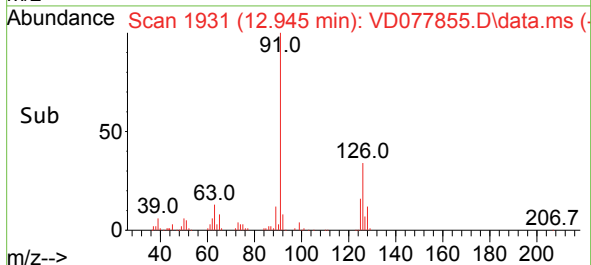
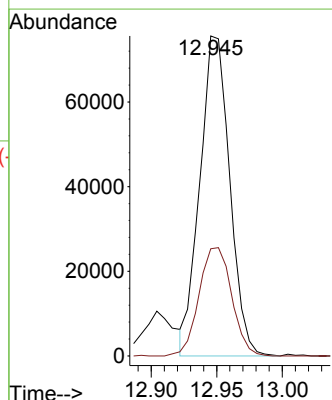
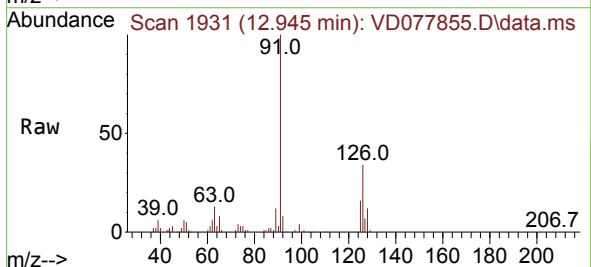
Instrument :
MSVOA_D
ClientSampleId :

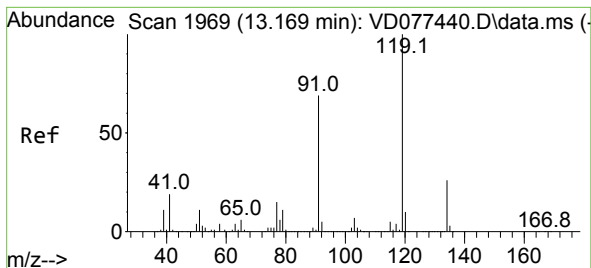
Tgt Ion: 75 Resp: 10754
Ion Ratio Lower Upper
75 100
53 77.8 63.0 94.4
89 43.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.459 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

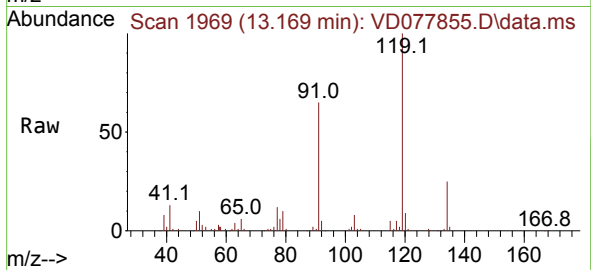
Tgt Ion: 91 Resp: 119998
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.4



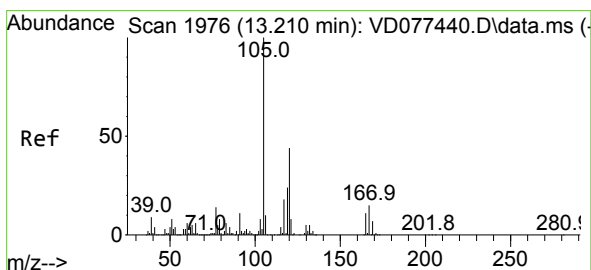
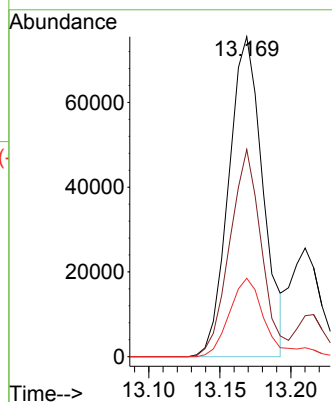
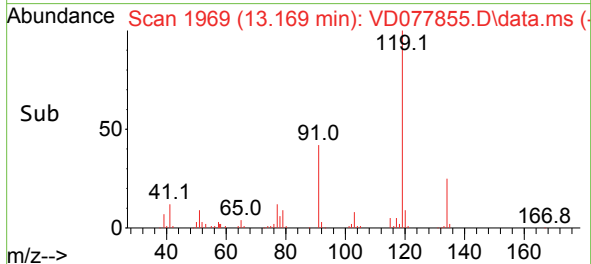


#83
tert-Butylbenzene
Concen: 20.902 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

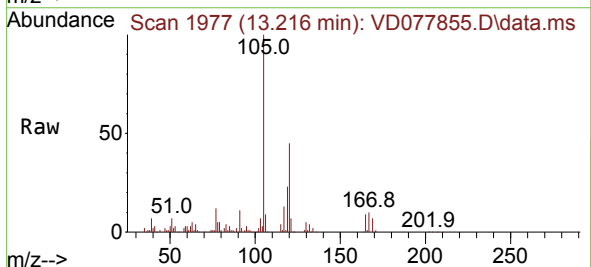
Instrument :
MSVOA_D
ClientSampleId :



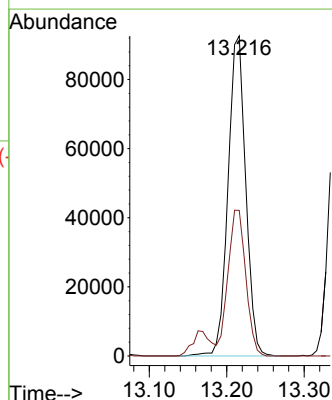
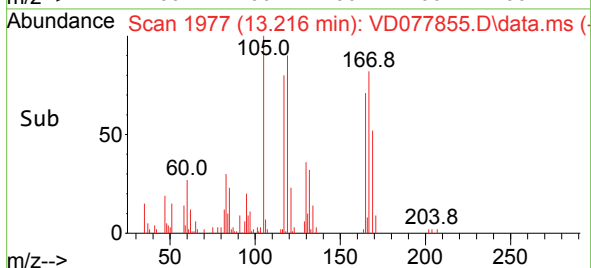
Tgt Ion:119 Resp: 126442
Ion Ratio Lower Upper
119 100
91 60.6 29.3 87.8
134 26.1 14.1 42.3

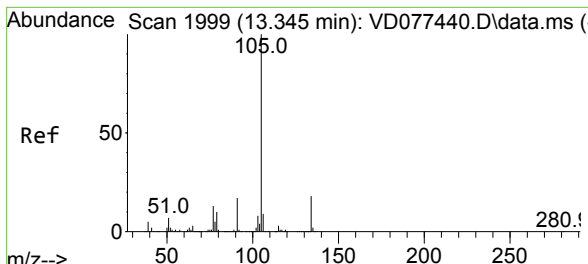


#84
1,2,4-Trimethylbenzene
Concen: 20.514 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



Tgt Ion:105 Resp: 147024
Ion Ratio Lower Upper
105 100
120 46.0 24.3 72.9

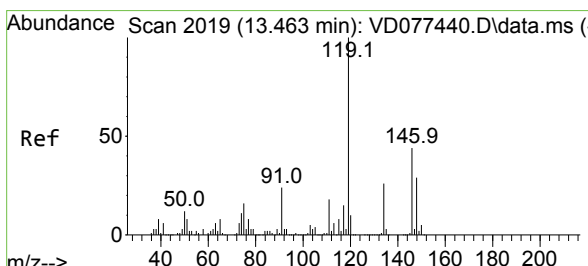
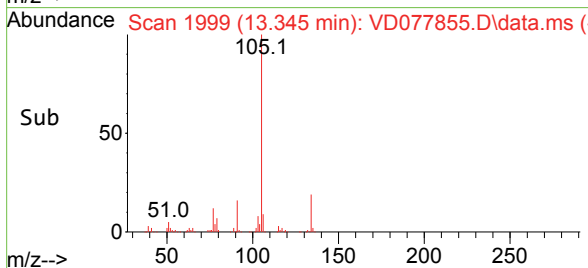
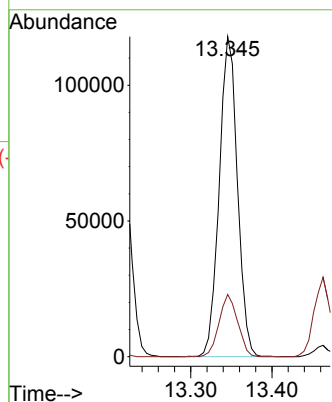
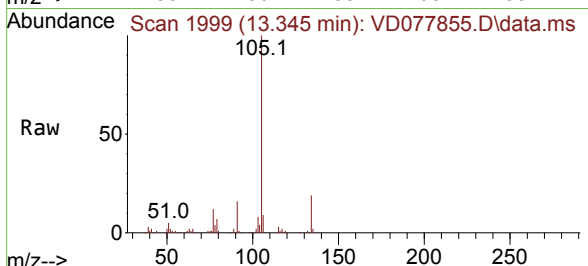




#85
 sec-Butylbenzene
 Concen: 20.558 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03

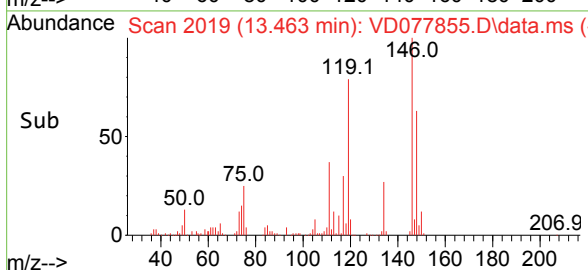
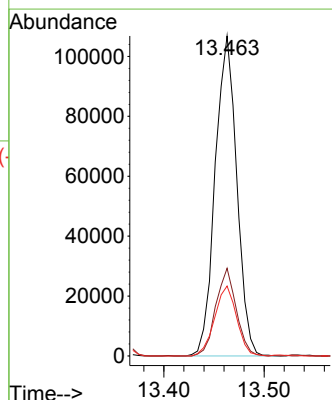
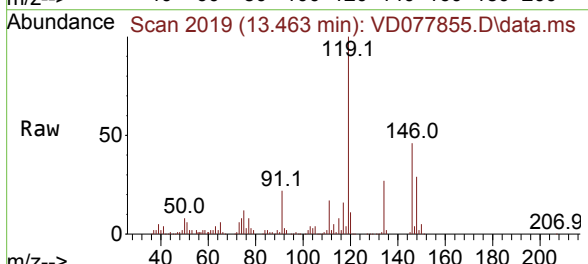
Instrument :
 MSVOA_D
 ClientSampleId :

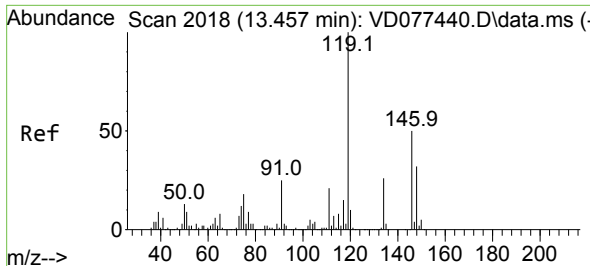
Tgt Ion:105 Resp: 183831
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.974 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03

Tgt Ion:119 Resp: 159910
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.2 10.5 31.5

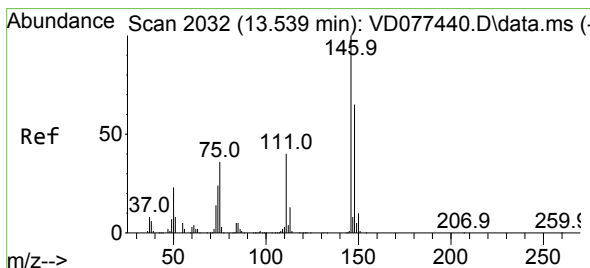
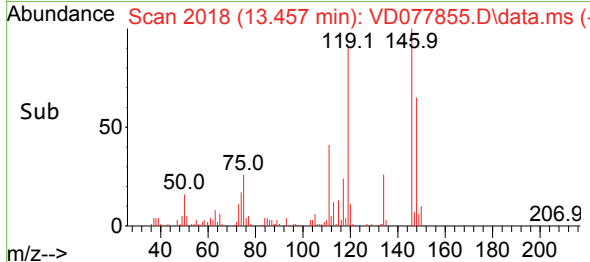
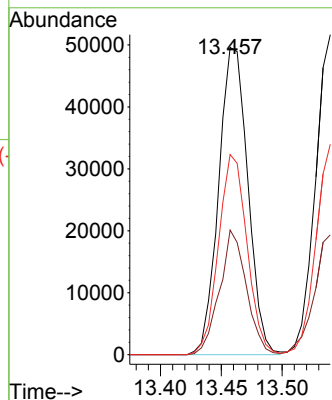
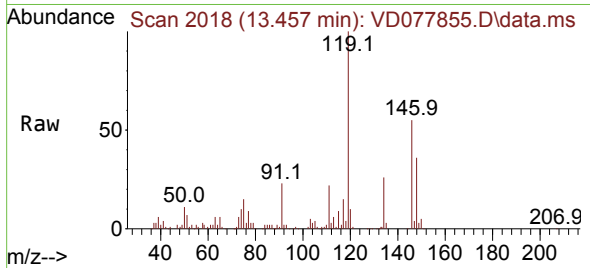




#87
1,3-Dichlorobenzene
Concen: 20.037 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

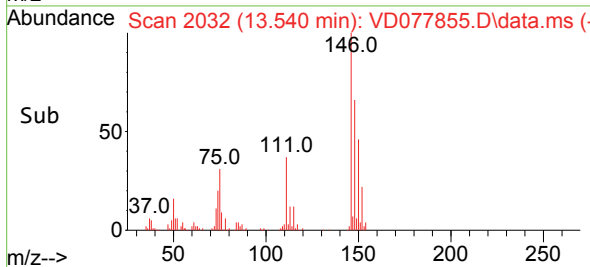
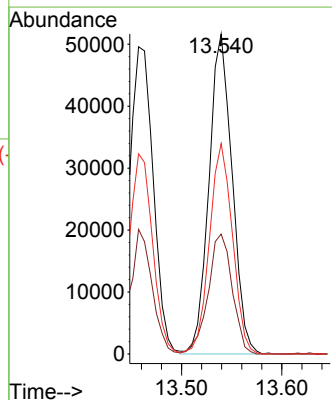
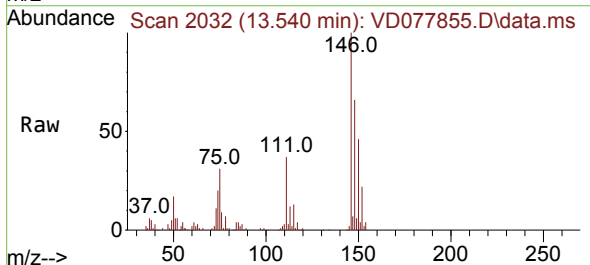
Instrument :
MSVOA_D
ClientSampleId :

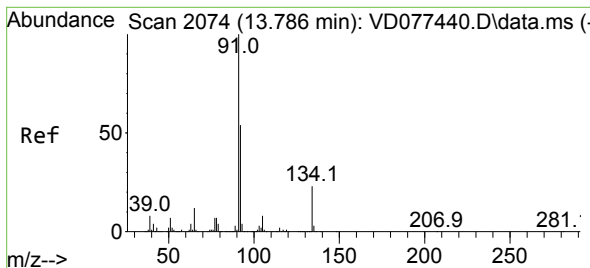
Tgt Ion:146 Resp: 82804
Ion Ratio Lower Upper
146 100
111 37.4 17.9 53.8
148 63.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 19.156 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion:146 Resp: 83100
Ion Ratio Lower Upper
146 100
111 39.1 17.4 52.3
148 65.2 31.7 95.1





#89

n-Butylbenzene

Concen: 20.525 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

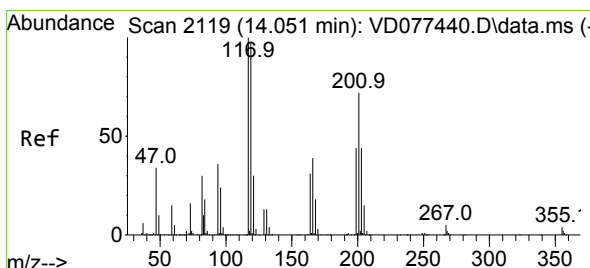
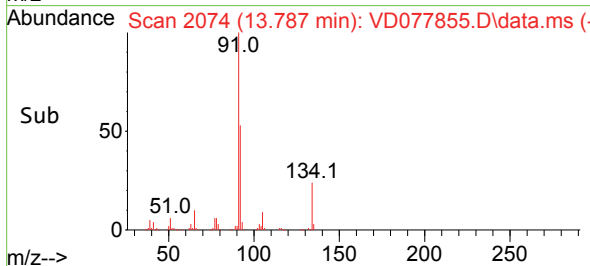
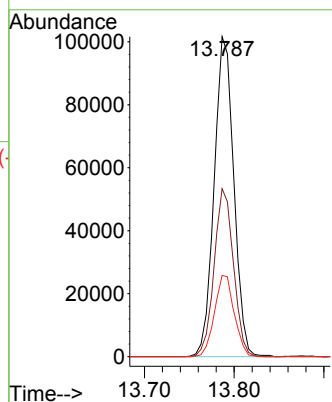
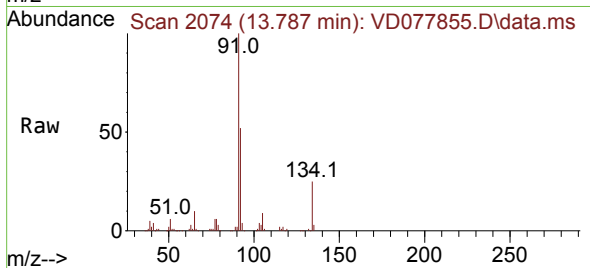
Tgt Ion: 91 Resp: 154624

Ion Ratio Lower Upper

91 100

92 51.5 26.5 79.5

134 25.5 13.8 41.3



#90

Hexachloroethane

Concen: 20.551 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077855.D

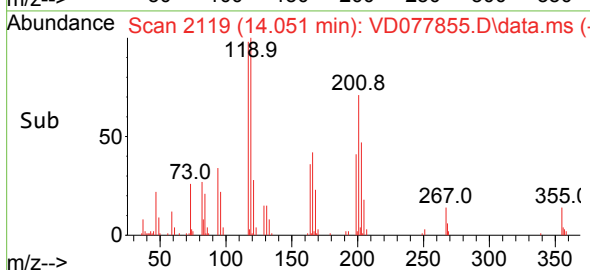
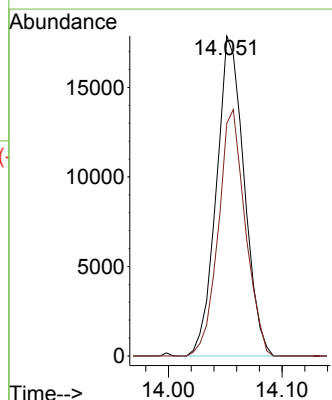
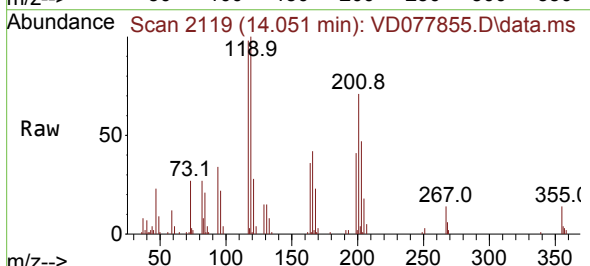
Acq: 13 Dec 2023 12:03

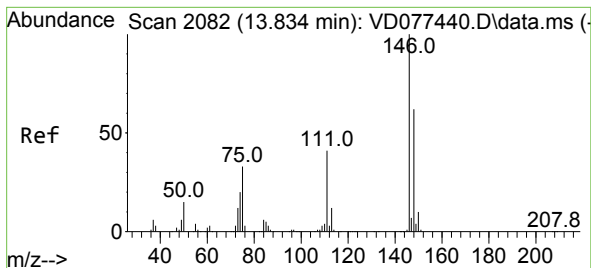
Tgt Ion: 117 Resp: 30258

Ion Ratio Lower Upper

117 100

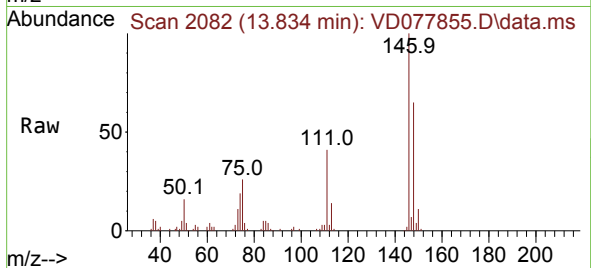
201 75.1 38.5 115.5



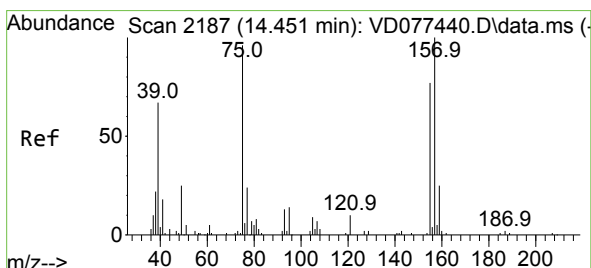
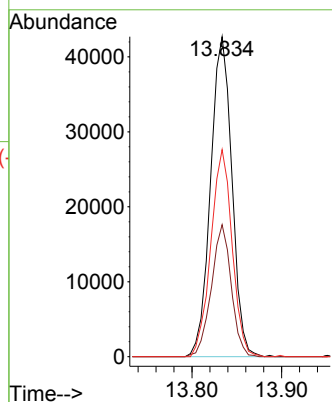
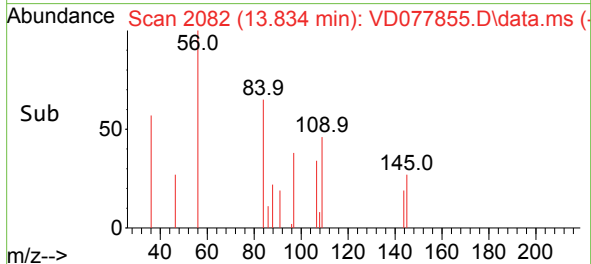


#91
1,2-Dichlorobenzene
Concen: 20.056 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :

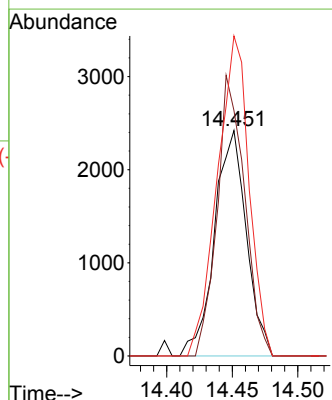
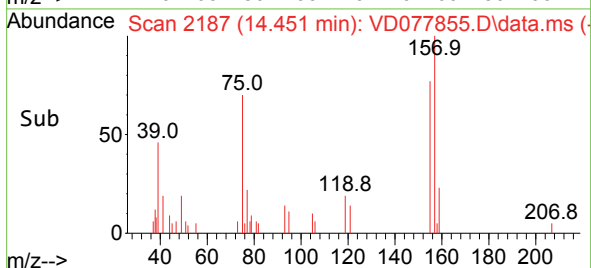
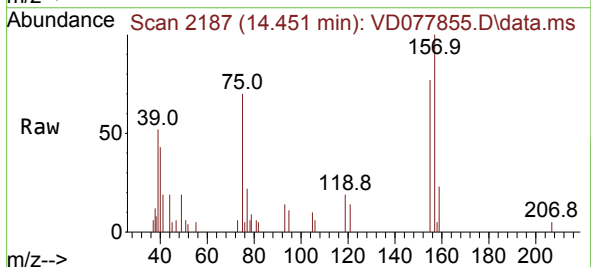


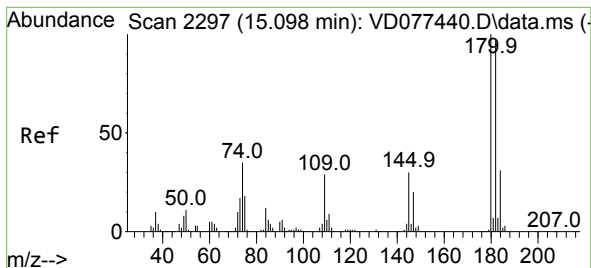
Tgt Ion:146 Resp: 70490
Ion Ratio Lower Upper
146 100
111 38.4 18.3 54.8
148 64.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.197 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 75 Resp: 4084
Ion Ratio Lower Upper
75 100
155 107.7 47.9 143.8
157 141.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.168 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077855.D

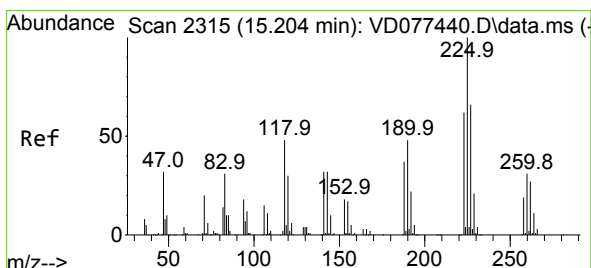
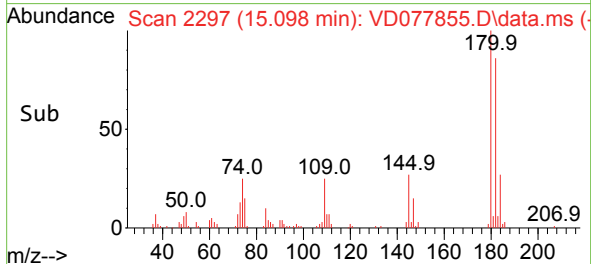
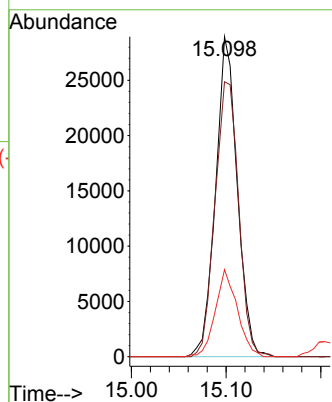
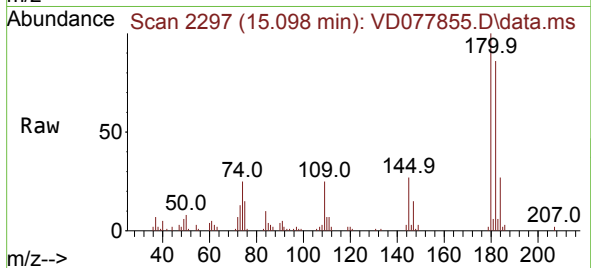
Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	180	Resp:	46016
Ion Ratio	Lower	Upper	
180	100		
182	93.6	48.5	145.6
145	27.6	14.2	42.6



#94

Hexachlorobutadiene

Concen: 19.349 ug/l

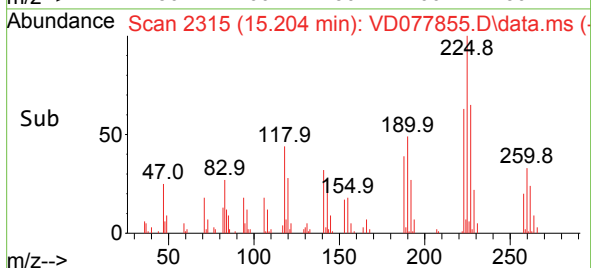
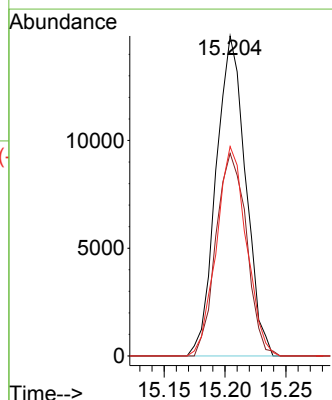
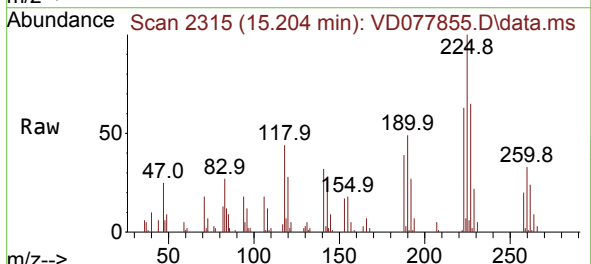
RT: 15.204 min Scan# 2315

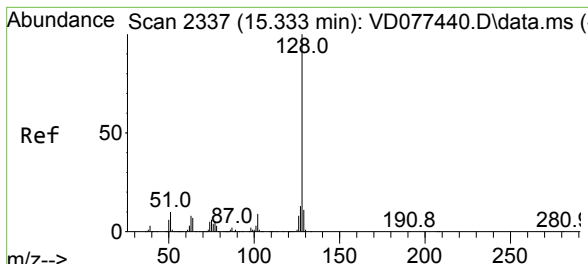
Delta R.T. 0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Tgt Ion:	225	Resp:	25049
Ion Ratio	Lower	Upper	
225	100		
223	65.3	31.6	94.8
227	66.5	31.7	95.1

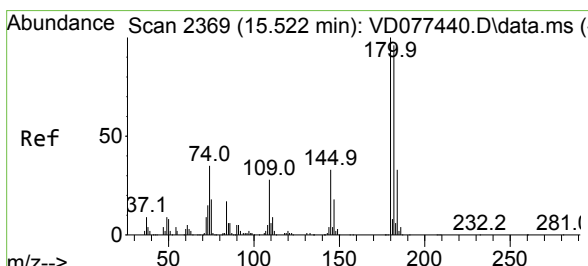
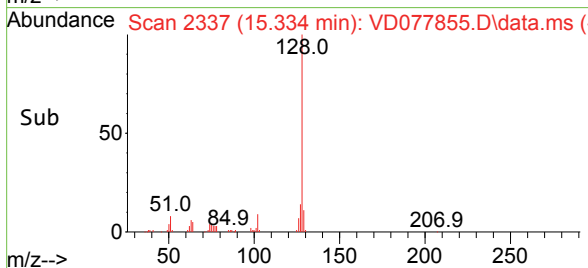
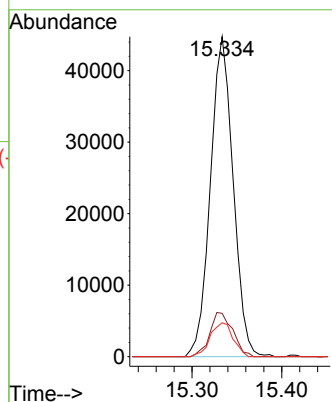
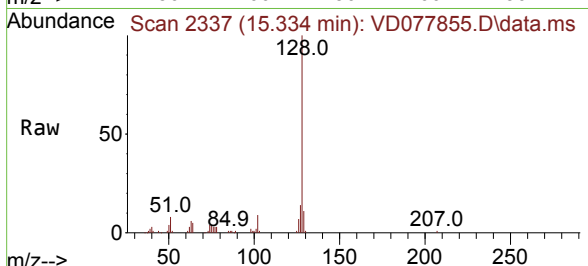




#95
Naphthalene
Concen: 19.760 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	78817
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.5	15.7
129	10.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.633 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion:	180	Resp:	38857
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.3	141.9
145	30.6	15.1	45.3

