

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079665.D
 Acq On : 08 Aug 2024 13:55
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 09 01:06:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	227034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	411398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	375717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	186555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	114041	49.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.880%
35) Dibromofluoromethane	7.804	113	115863	41.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.220%
50) Toluene-d8	10.269	98	454615	42.042	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.080%
62) 4-Bromofluorobenzene	12.575	95	166876	53.329	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	80796	45.420	ug/l	97
3) Chloromethane	2.146	50	160200	48.876	ug/l	98
4) Vinyl Chloride	2.281	62	189205	48.550	ug/l	95
5) Bromomethane	2.681	94	137347	56.161	ug/l	98
6) Chloroethane	2.828	64	137002	54.707	ug/l	95
7) Trichlorofluoromethane	3.169	101	188383	48.606	ug/l	99
8) Diethyl Ether	3.593	74	69584	59.436	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.963	101	116995	47.729	ug/l	94
10) Methyl Iodide	4.158	142	123455	42.203	ug/l	97
11) Tert butyl alcohol	5.052	59	46491	416.411	ug/l #	87
12) 1,1-Dichloroethene	3.940	96	118988	48.506	ug/l	92
13) Acrolein	3.799	56	31528	194.099	ug/l	99
14) Allyl chloride	4.558	41	184499	56.957	ug/l #	82
15) Acrylonitrile	5.252	53	167443	306.071	ug/l	97
16) Acetone	4.022	43	143444	320.016	ug/l	97
17) Carbon Disulfide	4.269	76	365472	45.135	ug/l	99
18) Methyl Acetate	4.558	43	81278	58.402	ug/l #	84
19) Methyl tert-butyl Ether	5.310	73	291726	58.261	ug/l	98
20) Methylene Chloride	4.799	84	177899	54.837	ug/l #	81
21) trans-1,2-Dichloroethene	5.310	96	133612	48.485	ug/l #	80
22) Diisopropyl ether	6.210	45	426415	59.164	ug/l #	92
23) Vinyl Acetate	6.152	43	1687518	311.473	ug/l #	90
24) 1,1-Dichloroethane	6.104	63	254090	52.608	ug/l	95
25) 2-Butanone	7.081	43	206650	325.188	ug/l	91
26) 2,2-Dichloropropane	7.075	77	195084	49.935	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	160347	50.906	ug/l	85
28) Bromochloromethane	7.422	49	128438	60.642	ug/l #	65
29) Tetrahydrofuran	7.446	42	130379	331.058	ug/l #	78
30) Chloroform	7.593	83	250163	51.146	ug/l	98
31) Cyclohexane	7.875	56	189687	49.520	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	197081	48.831	ug/l	97
36) 1,1-Dichloropropene	8.010	75	173994	45.781	ug/l	95
37) Ethyl Acetate	7.163	43	86868	55.747	ug/l	95
38) Carbon Tetrachloride	7.993	117	174177	43.595	ug/l	96
39) Methylcyclohexane	9.269	83	208959	46.080	ug/l	88
40) Benzene	8.246	78	568965	47.134	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	42498	49.582	ug/l	90
42) 1,2-Dichloroethane	8.322	62	137672	47.860	ug/l	96
43) Isopropyl Acetate	8.357	43	160373	54.761	ug/l #	92
44) Trichloroethene	9.028	130	130186	43.324	ug/l	91
45) 1,2-Dichloropropane	9.304	63	145424	49.503	ug/l	97
46) Dibromomethane	9.393	93	76582	47.024	ug/l	90
47) Bromodichloromethane	9.581	83	190935	47.748	ug/l	98
48) Methyl methacrylate	9.381	41	76709	58.528	ug/l #	80
49) 1,4-Dioxane	9.387	88	17678	1047.587	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	445393	297.882	ug/l	92
52) Toluene	10.334	92	347899	46.600	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	179959	48.732	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	216776	48.802	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	103805	48.387	ug/l	91
56) Ethyl methacrylate	10.592	69	143500	56.453	ug/l	89
57) 1,3-Dichloropropane	10.875	76	181828	49.878	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	369001	314.777	ug/l	89
59) 2-Hexanone	10.922	43	322170	308.951	ug/l	93
60) Dibromochloromethane	11.069	129	128243	45.761	ug/l	100
61) 1,2-Dibromoethane	11.175	107	90763	45.160	ug/l	93
64) Tetrachloroethene	10.810	164	101952	40.242	ug/l	95
65) Chlorobenzene	11.604	112	375312	45.111	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	121927	44.542	ug/l	98
67) Ethyl Benzene	11.681	91	647205	47.519	ug/l	99
68) m/p-Xylenes	11.792	106	506112	93.663	ug/l	93
69) o-Xylene	12.122	106	234209	47.287	ug/l	88
70) Styrene	12.134	104	419638	48.327	ug/l	96
71) Bromoform	12.298	173	67899	43.878	ug/l #	97
73) Isopropylbenzene	12.422	105	602183	43.599	ug/l	99
74) N-amyl acetate	12.234	43	162695	59.293	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	124998	51.577	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	151982	93.202	ug/l #	100
77) Bromobenzene	12.698	156	136253	43.558	ug/l	80
78) n-propylbenzene	12.763	91	749306	48.050	ug/l	96
79) 2-Chlorotoluene	12.845	91	414374	47.722	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	499610	48.077	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	46412	54.284	ug/l	98
82) 4-Chlorotoluene	12.945	91	433600	47.901	ug/l	95
83) tert-Butylbenzene	13.163	119	423962	42.690	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	515262	44.477	ug/l	97
85) sec-Butylbenzene	13.339	105	658584	47.647	ug/l	98
86) p-Isopropyltoluene	13.457	119	553668	42.926	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	286858	44.271	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	281722	44.223	ug/l	98
89) n-Butylbenzene	13.786	91	529103	44.276	ug/l	97
90) Hexachloroethane	14.051	117	107235	44.356	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	249044	44.972	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	17036	52.829	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	156135	44.749	ug/l	99
94) Hexachlorobutadiene	15.198	225	77528	41.170	ug/l	97
95) Naphthalene	15.328	128	322667	53.431	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	139217	45.359	ug/l	99

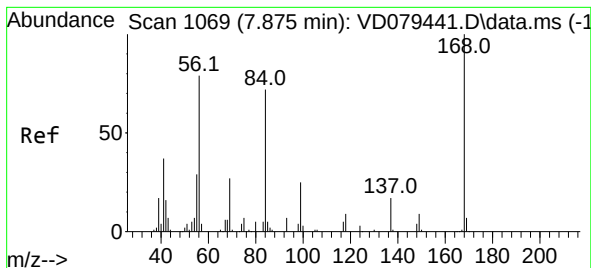
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

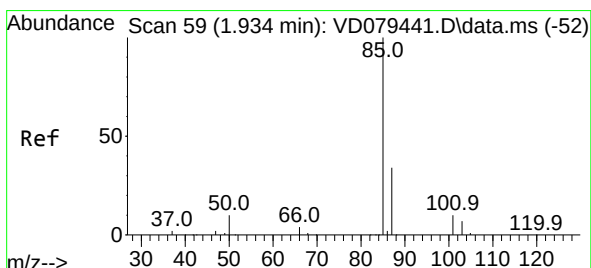
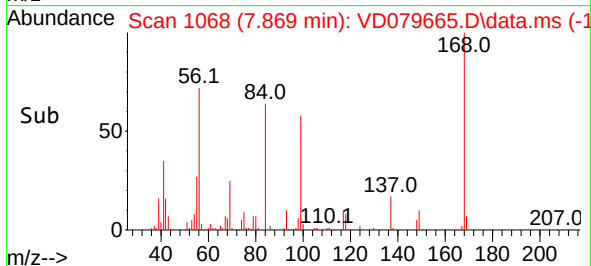
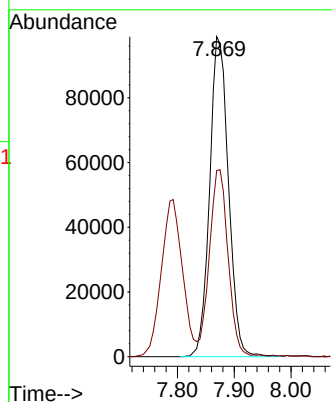
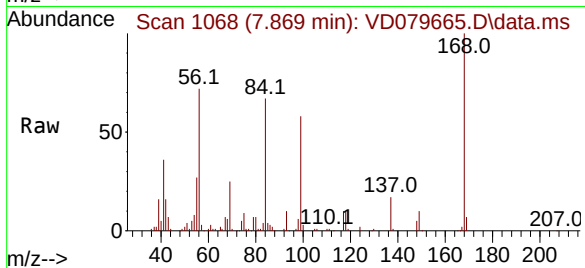
ClientSampleId :

Tgt Ion:168 Resp: 227034

Ion Ratio Lower Upper

168 100

99 57.8 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 45.420 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD079665.D

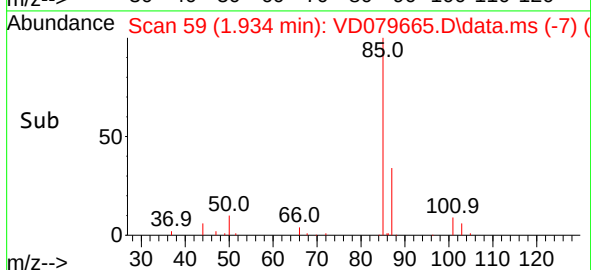
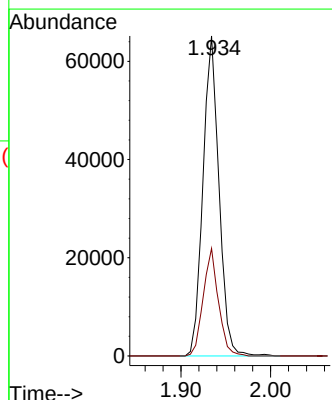
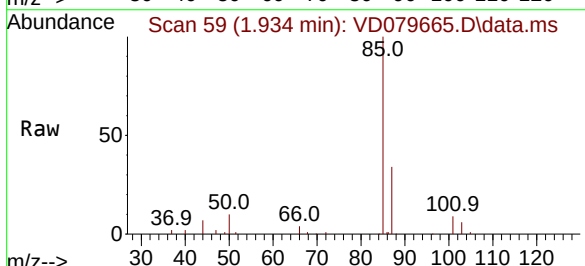
Acq: 08 Aug 2024 13:55

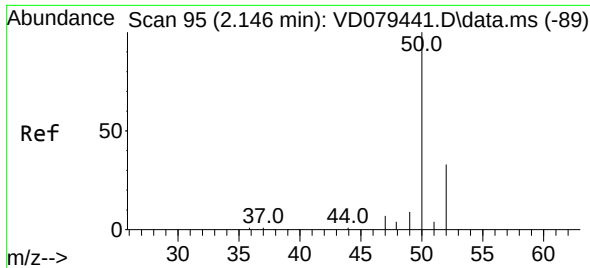
Tgt Ion: 85 Resp: 80796

Ion Ratio Lower Upper

85 100

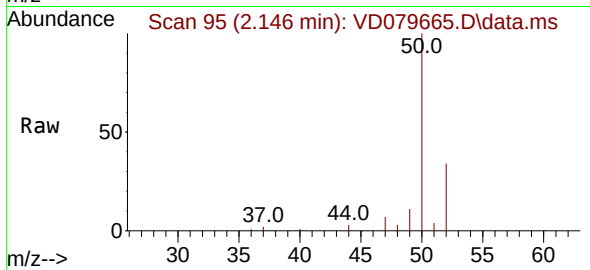
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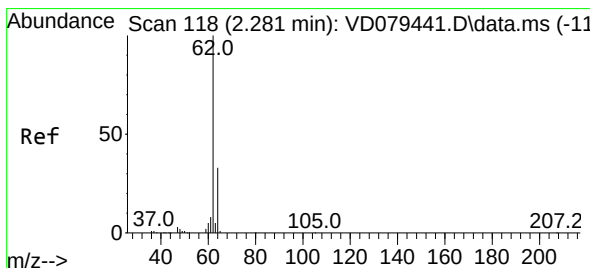
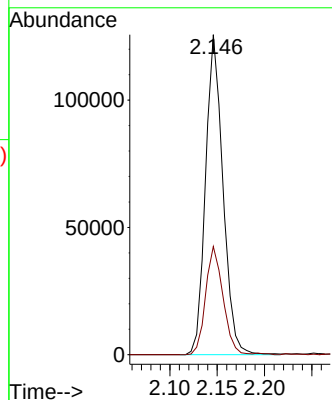
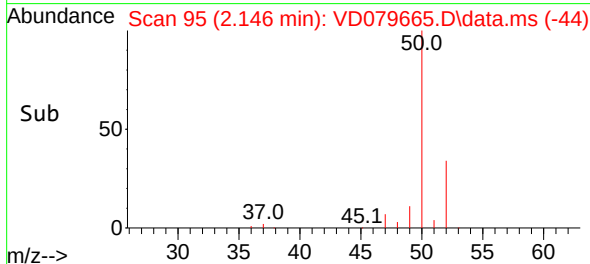


#3
Chloromethane
Concen: 48.876 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

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ClientSampleId :

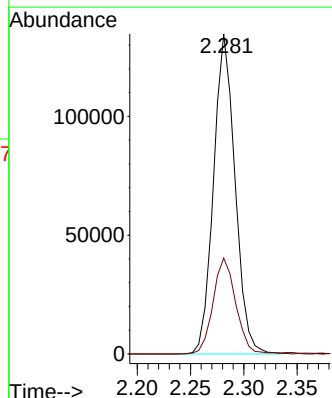
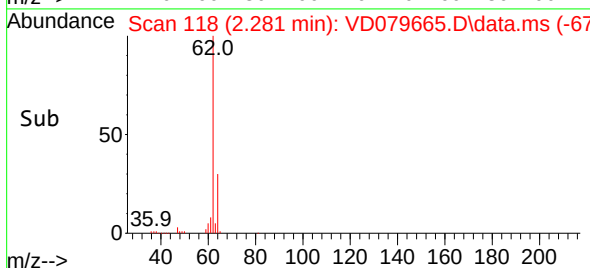
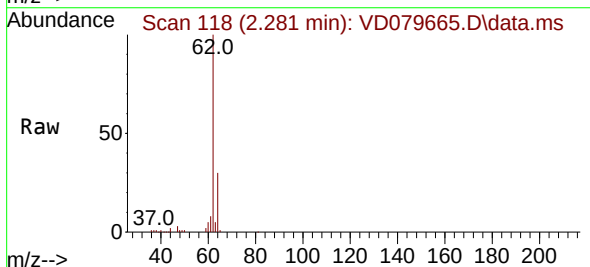


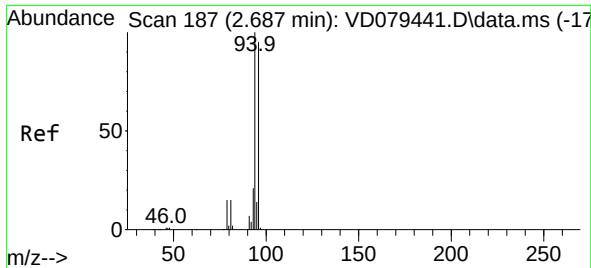
Tgt Ion: 50 Resp: 160200
Ion Ratio Lower Upper
50 100
52 33.8 28.2 42.2



#4
Vinyl Chloride
Concen: 48.550 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 62 Resp: 189205
Ion Ratio Lower Upper
62 100
64 30.0 26.3 39.5

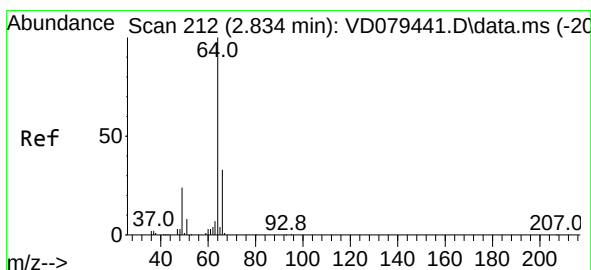
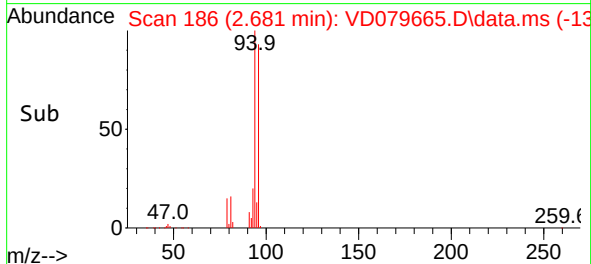
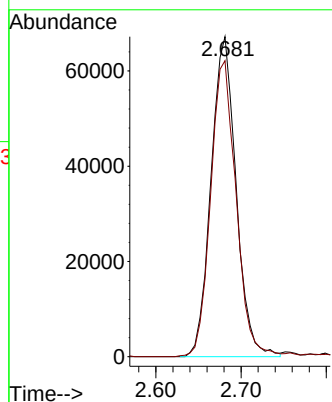
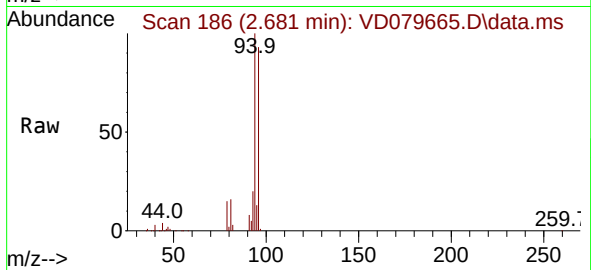




#5
Bromomethane
Concen: 56.161 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

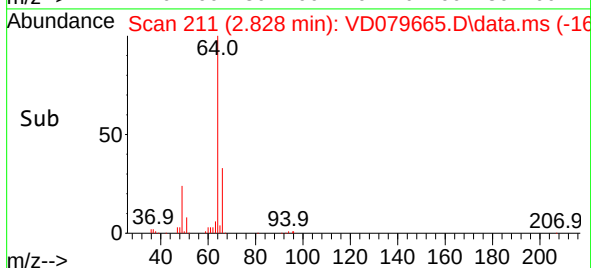
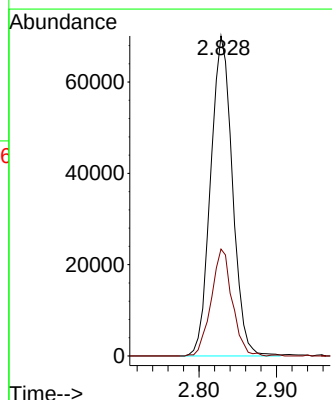
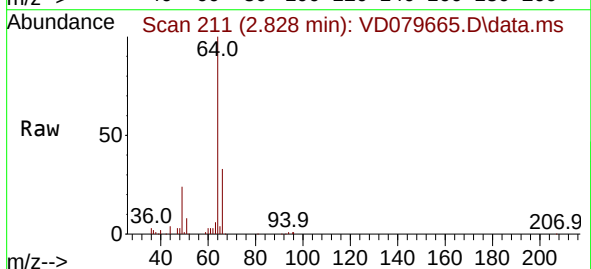
Instrument :
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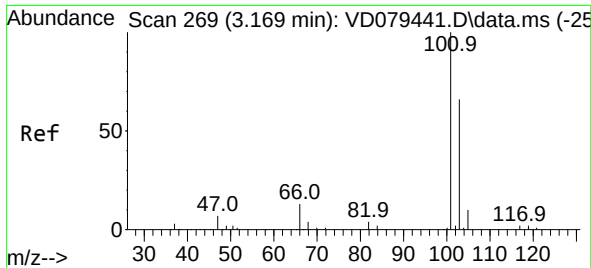
Tgt Ion: 94 Resp: 137347
Ion Ratio Lower Upper
94 100
96 94.4 76.9 115.3



#6
Chloroethane
Concen: 54.707 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 64 Resp: 137002
Ion Ratio Lower Upper
64 100
66 33.4 24.5 36.7

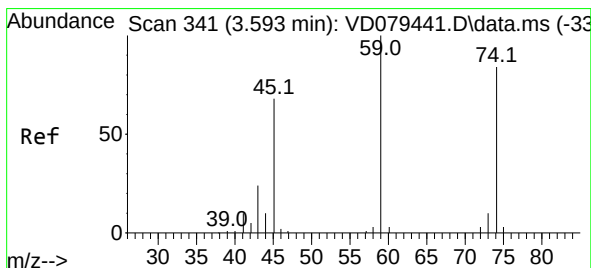
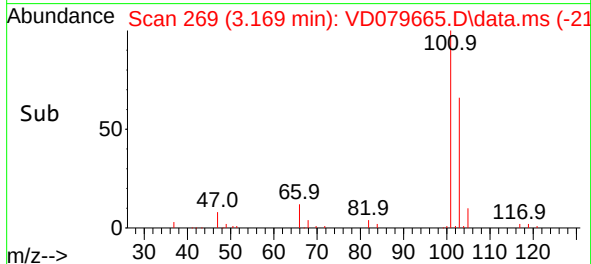
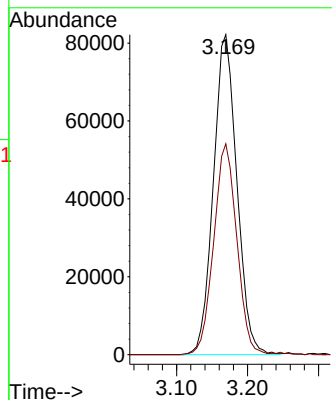
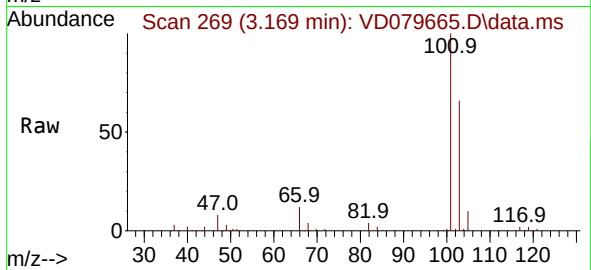




#7
Trichlorofluoromethane
Concen: 48.606 ug/l
RT: 3.169 min Scan# 201
Delta R.T. -0.000 min
Lab File: VD079665.D
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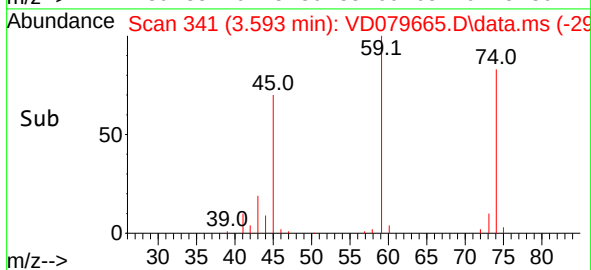
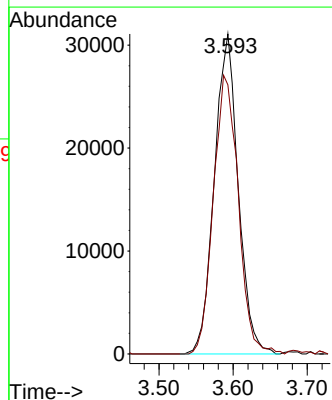
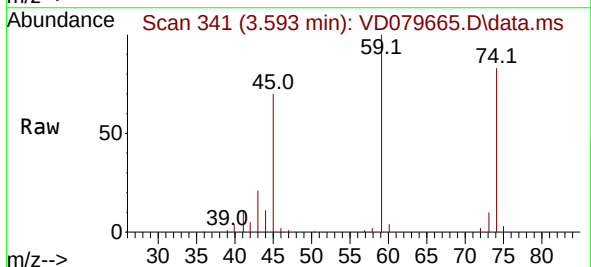
Instrument :
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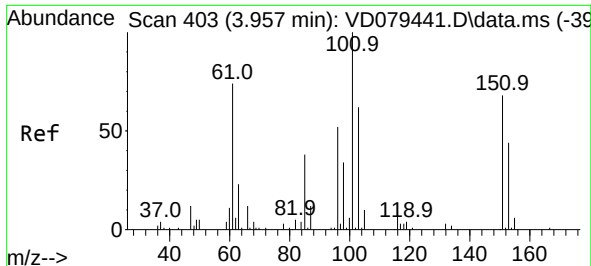
Tgt Ion:101 Resp: 188383
Ion Ratio Lower Upper
101 100
103 65.9 53.2 79.8



#8
Diethyl Ether
Concen: 59.436 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 74 Resp: 69584
Ion Ratio Lower Upper
74 100
45 91.1 37.9 113.6

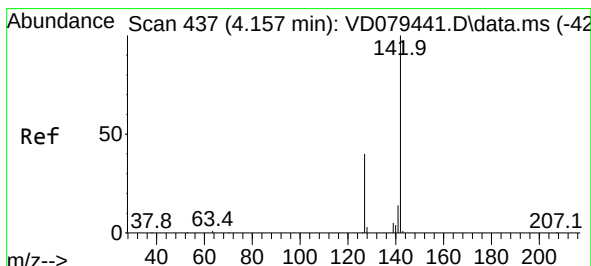
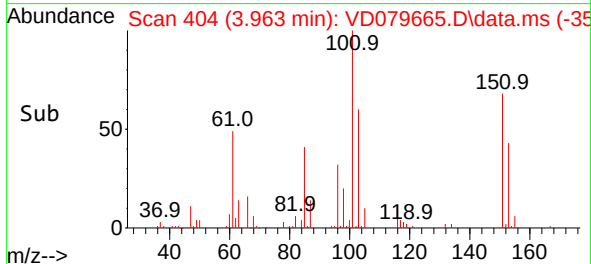
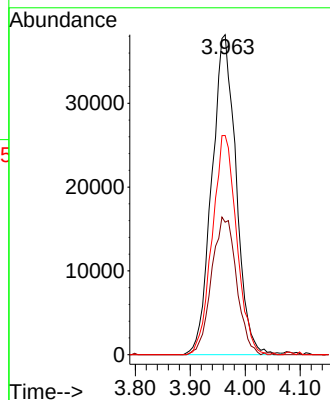
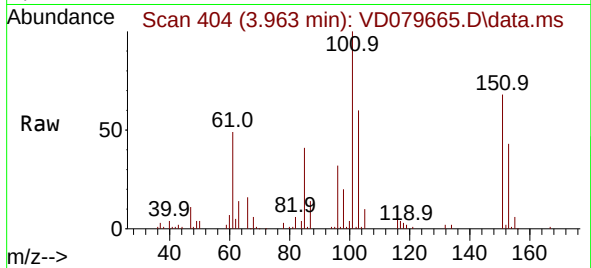




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.729 ug/l
RT: 3.963 min Scan# 403
Delta R.T. -0.000 min
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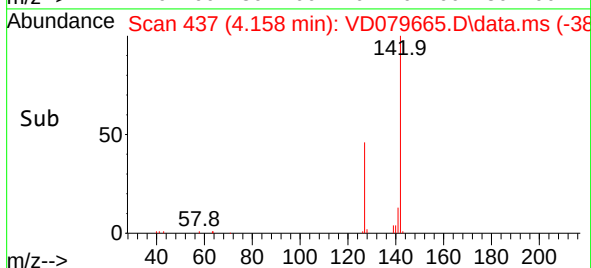
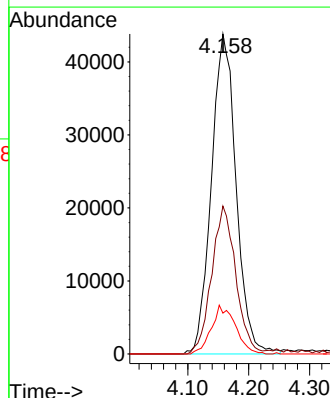
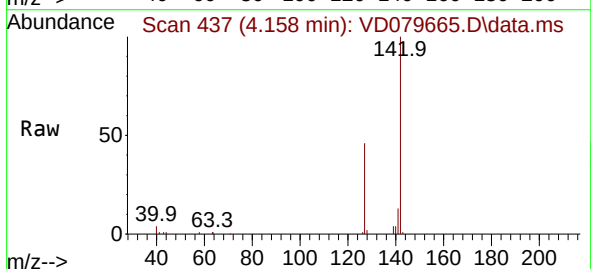
Instrument :
MSVOA_D
ClientSampleId :

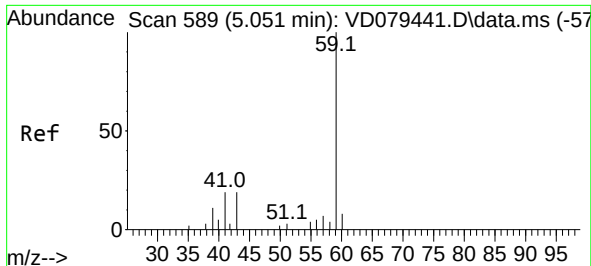
Tgt Ion:101 Resp: 116995
Ion Ratio Lower Upper
101 100
85 44.2 33.5 50.3
151 69.0 60.3 90.5



#10
Methyl Iodide
Concen: 42.203 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion:142 Resp: 123455
Ion Ratio Lower Upper
142 100
127 45.2 34.2 51.4
141 14.8 11.7 17.5

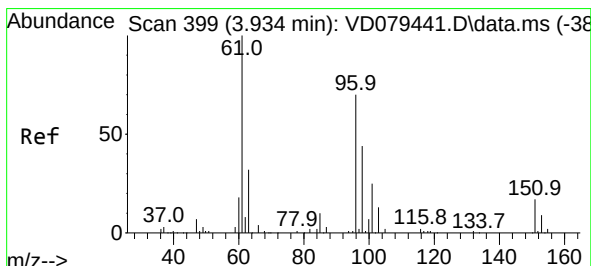
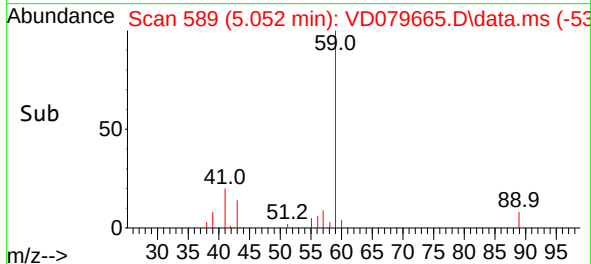
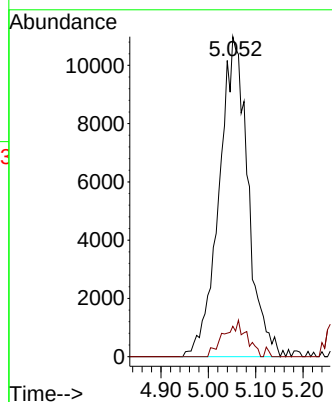
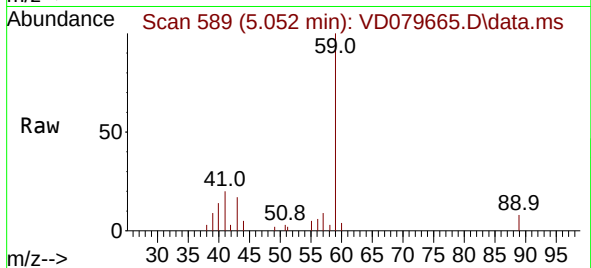




#11
Tert butyl alcohol
Concen: 416.411 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

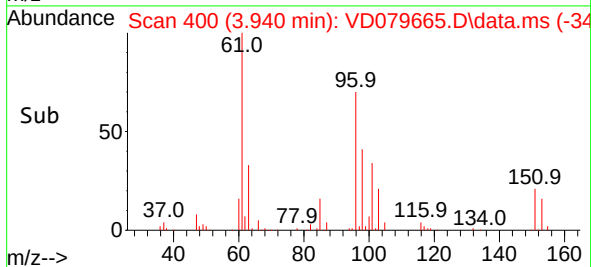
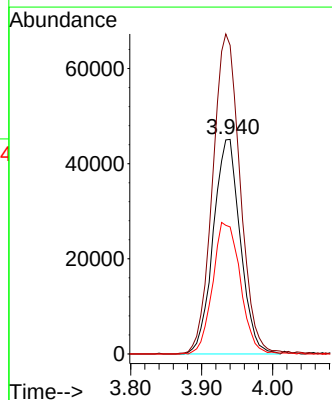
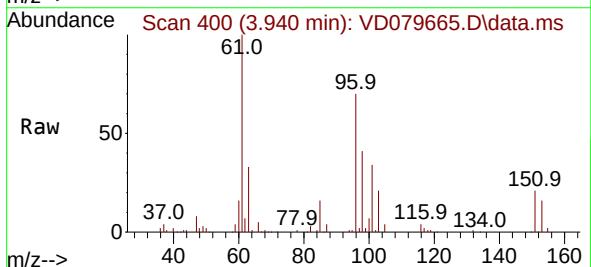
Instrument :
MSVOA_D
ClientSampleId :

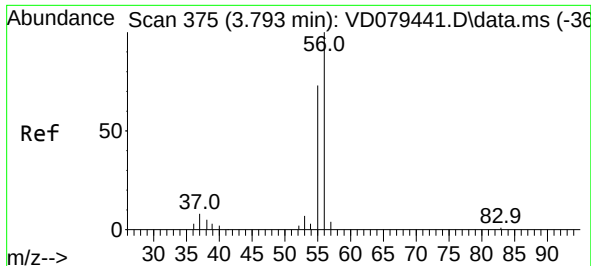
Tgt Ion: 59 Resp: 46491
Ion Ratio Lower Upper
59 100
57 8.9 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 48.506 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 96 Resp: 118988
Ion Ratio Lower Upper
96 100
61 143.5 107.3 160.9
98 59.2 51.7 77.5





#13

Acrolein

Concen: 194.099 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

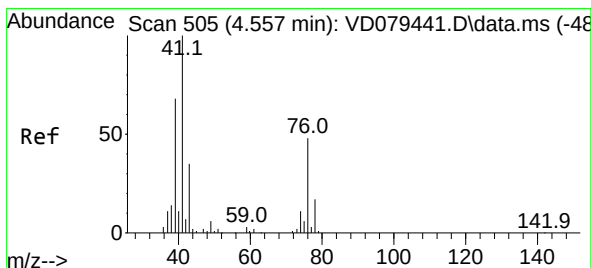
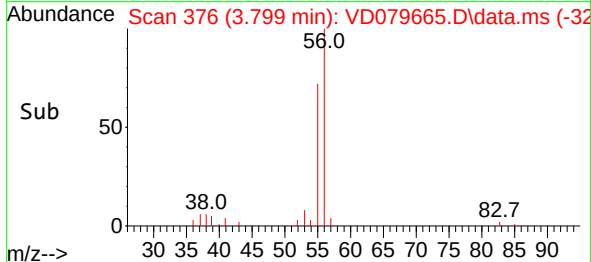
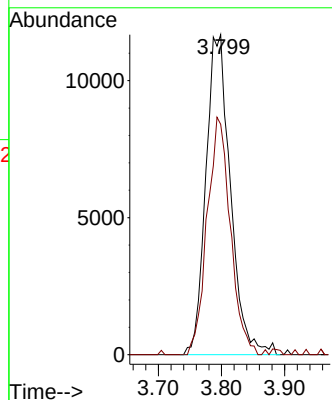
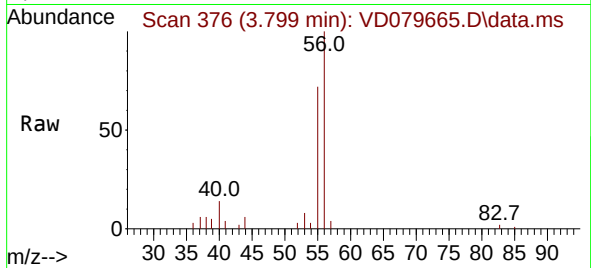
ClientSampleId :

Tgt Ion: 56 Resp: 31528

Ion Ratio Lower Upper

56 100

55 70.3 55.3 82.9



#14

Allyl chloride

Concen: 56.957 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

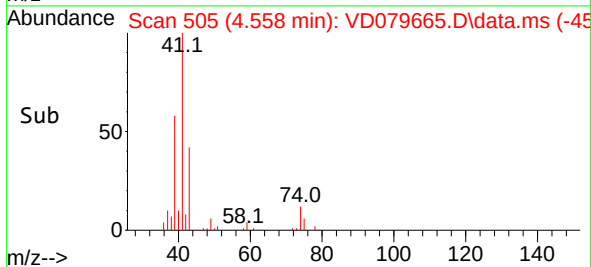
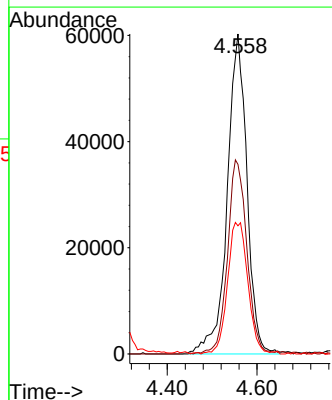
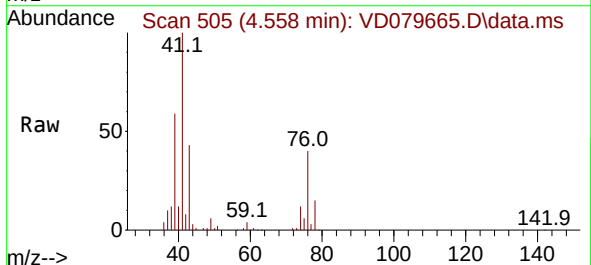
Tgt Ion: 41 Resp: 184499

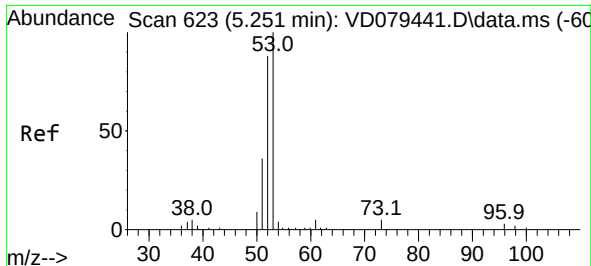
Ion Ratio Lower Upper

41 100

39 59.6 58.0 87.0

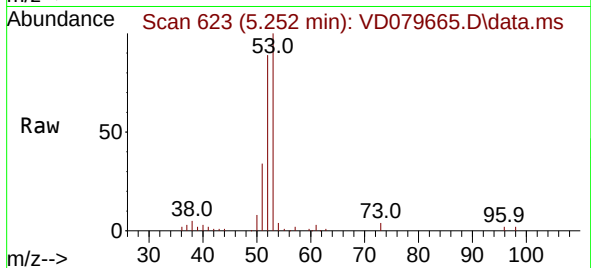
76 42.3 45.9 68.9#



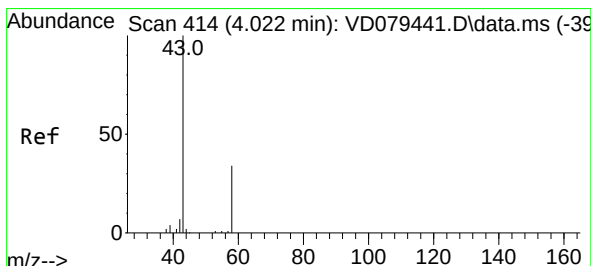
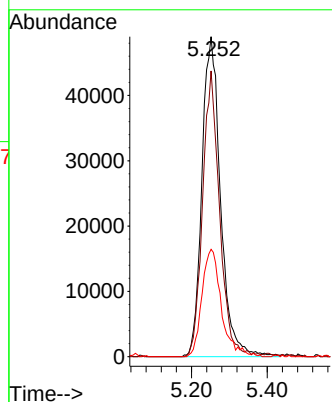
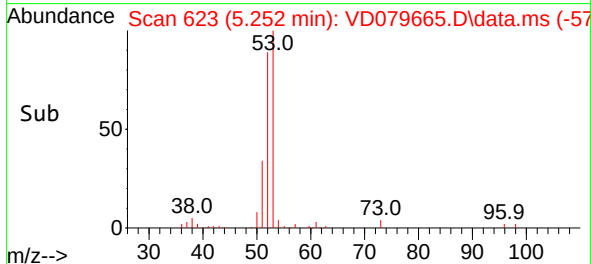


#15
Acrylonitrile
Concen: 306.071 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Instrument :
MSVOA_D
ClientSampleId :

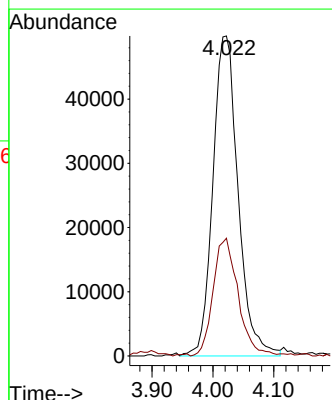
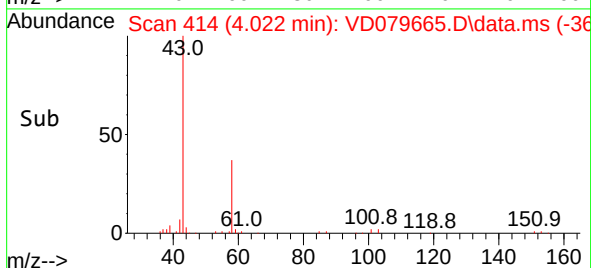
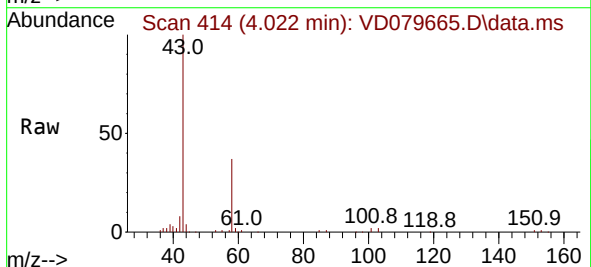


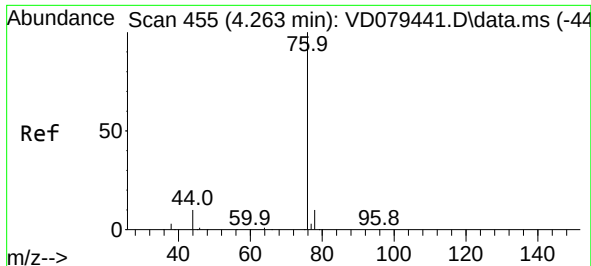
Tgt Ion: 53 Resp: 167443
Ion Ratio Lower Upper
53 100
52 81.3 67.7 101.5
51 35.1 28.6 42.8



#16
Acetone
Concen: 320.016 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 43 Resp: 143444
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6

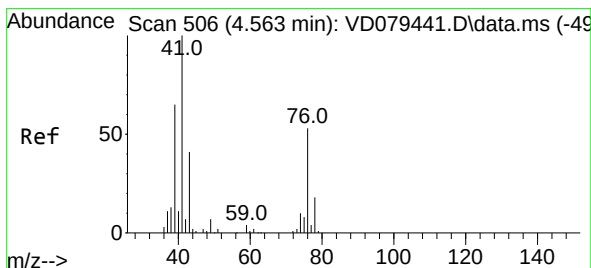
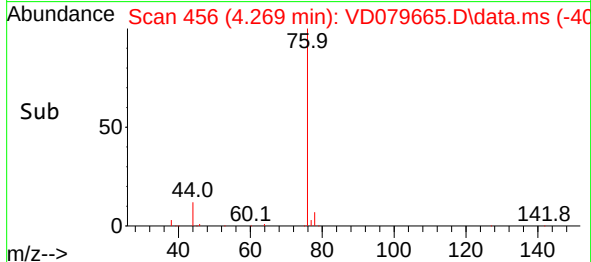
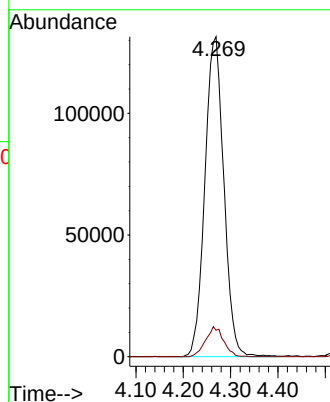
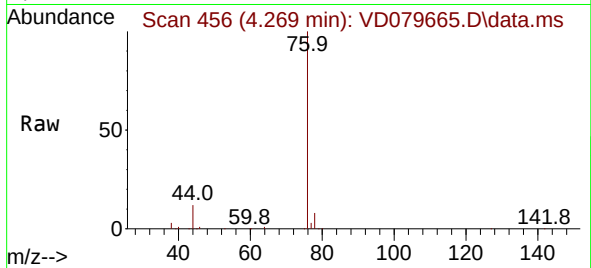




#17
Carbon Disulfide
Concen: 45.135 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

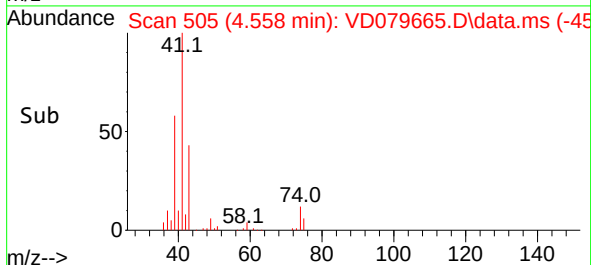
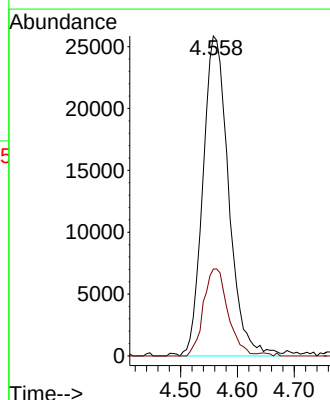
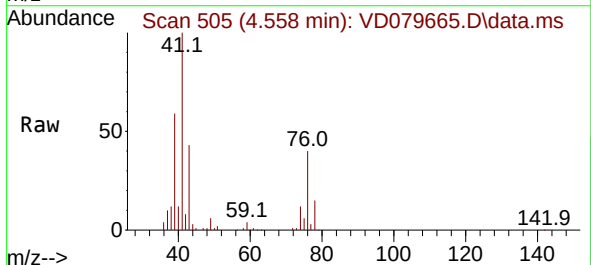
Instrument :
MSVOA_D
ClientSampleId :

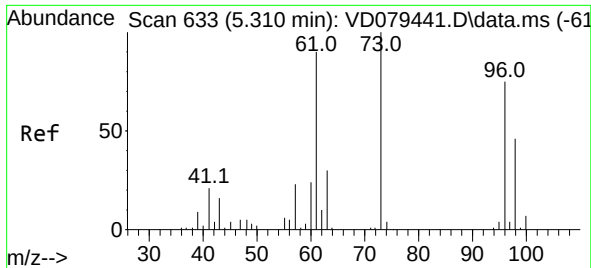
Tgt Ion: 76 Resp: 365472
Ion Ratio Lower Upper
76 100
78 8.2 6.9 10.3



#18
Methyl Acetate
Concen: 58.402 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 43 Resp: 81278
Ion Ratio Lower Upper
43 100
74 25.8 28.1 42.1#

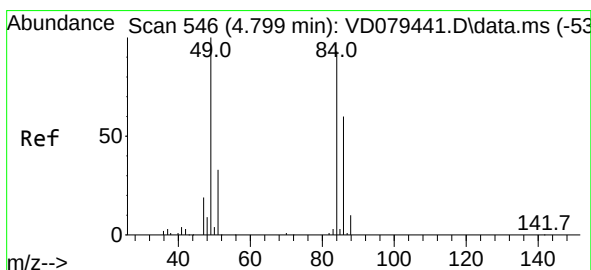
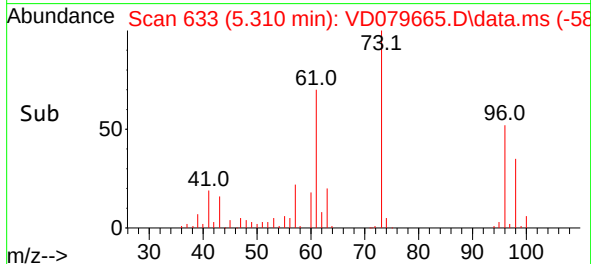
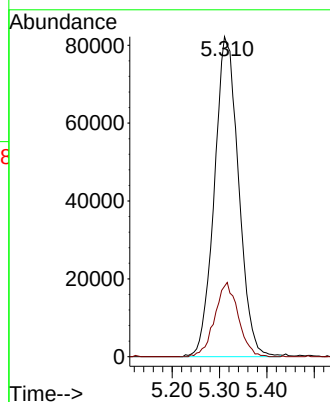
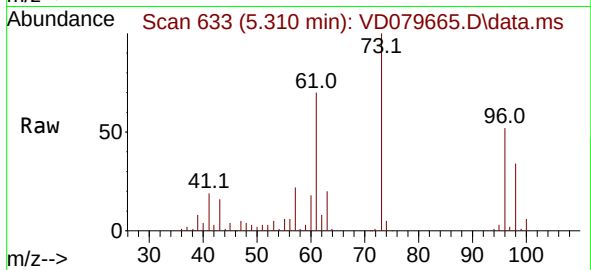




#19
Methyl tert-butyl Ether
Concen: 58.261 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

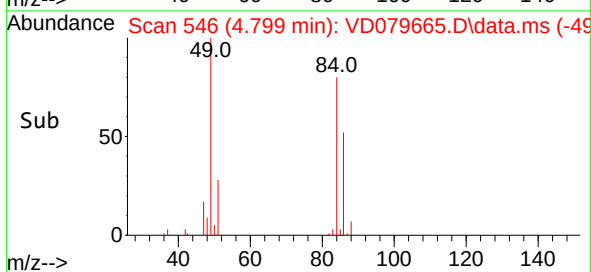
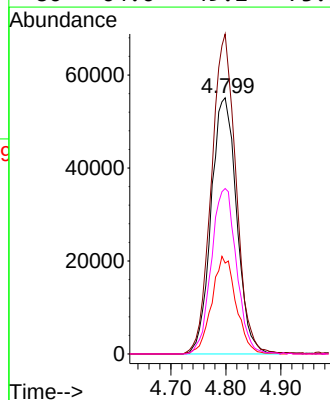
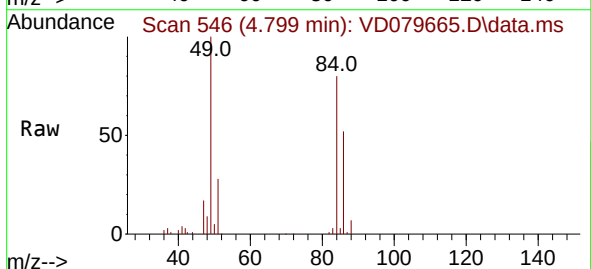
Instrument :
MSVOA_D
ClientSampleId :

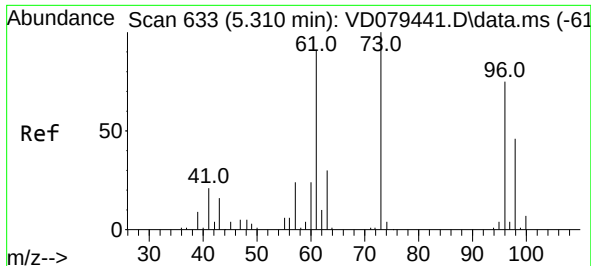
Tgt Ion: 73 Resp: 291726
Ion Ratio Lower Upper
73 100
57 22.0 18.3 27.5



#20
Methylene Chloride
Concen: 54.837 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 84 Resp: 177899
Ion Ratio Lower Upper
84 100
49 124.9 75.6 113.4#
51 35.4 24.2 36.2
86 64.6 49.2 73.8

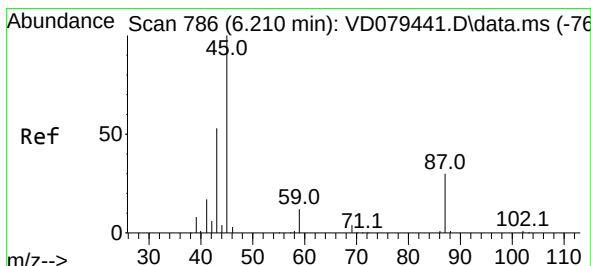
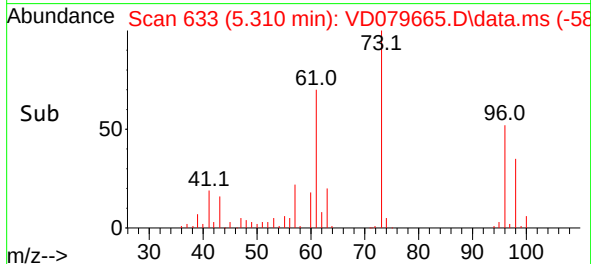
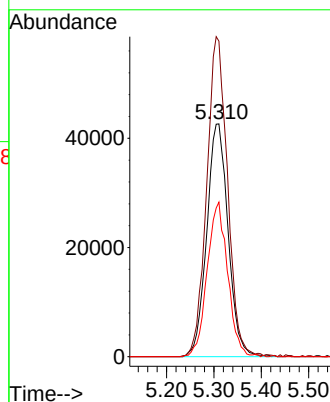
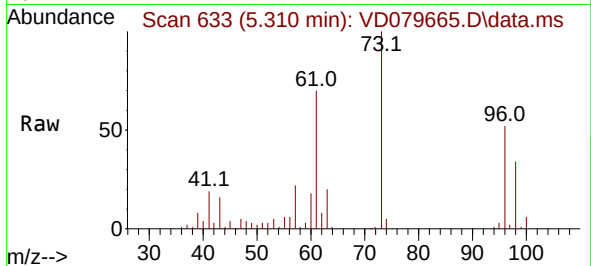




#21
trans-1,2-Dichloroethene
Concen: 48.485 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

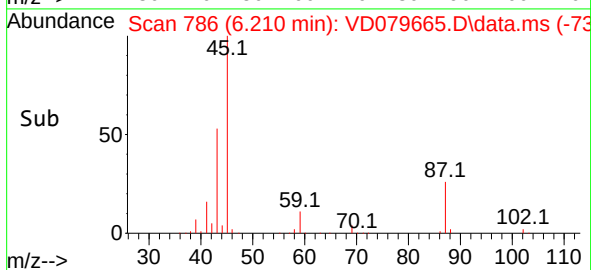
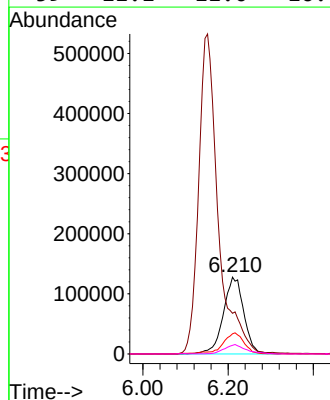
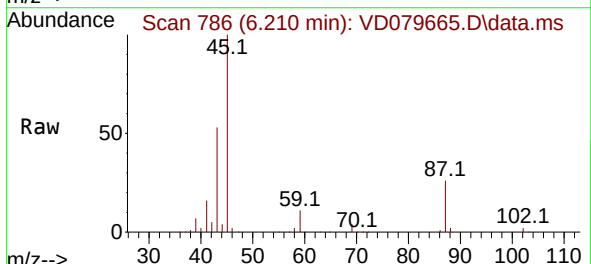
Instrument :
MSVOA_D
ClientSampleId :

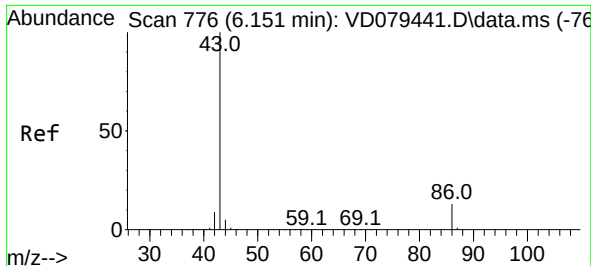
Tgt Ion: 96 Resp: 133612
Ion Ratio Lower Upper
96 100
61 135.5 84.5 126.7#
98 66.4 50.5 75.7



#22
Diisopropyl ether
Concen: 59.164 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 45 Resp: 426415
Ion Ratio Lower Upper
45 100
43 52.1 41.7 62.5
87 26.1 30.2 45.2#
59 11.1 11.0 16.6

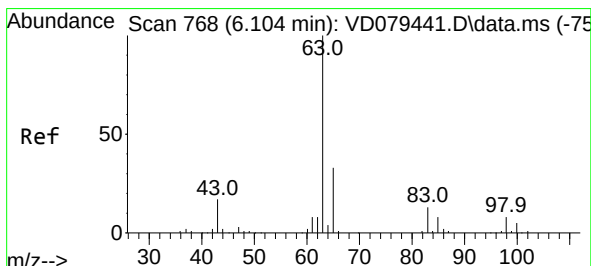
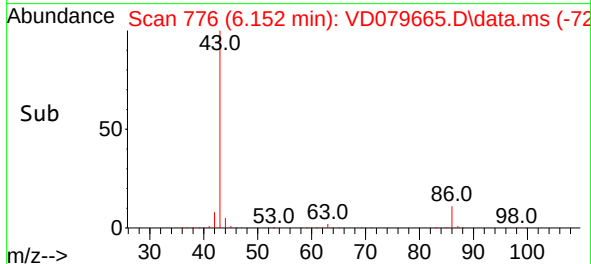
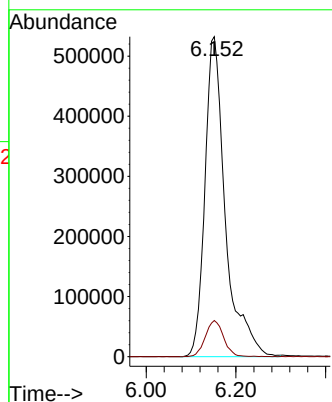
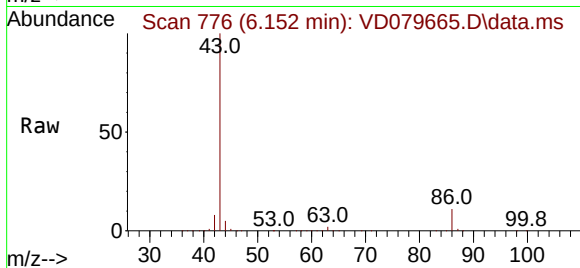




#23
 Vinyl Acetate
 Concen: 311.473 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079665.D
 Acq: 08 Aug 2024 13:55

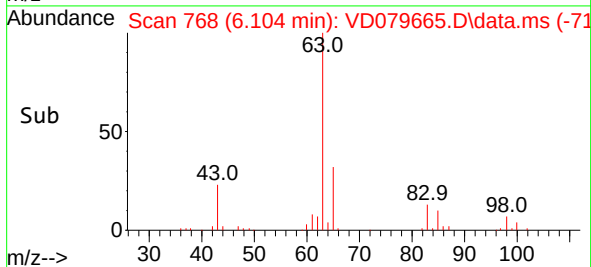
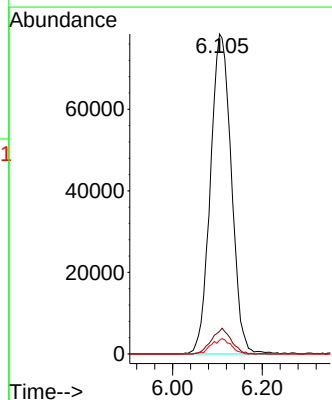
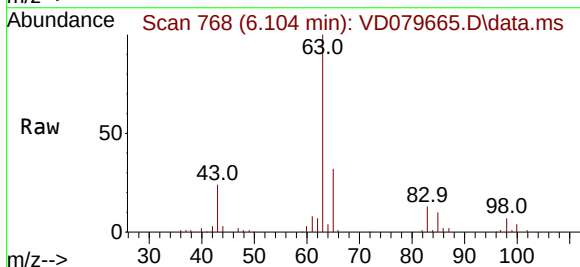
Instrument :
 MSVOA_D
 ClientSampleId :

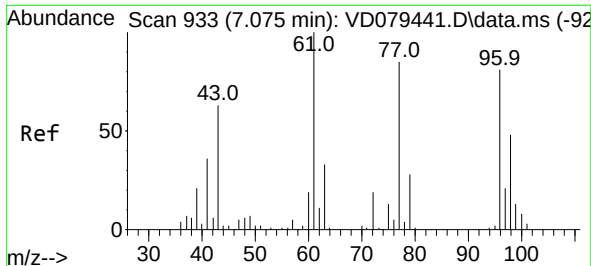
Tgt Ion: 43 Resp: 1687518
 Ion Ratio Lower Upper
 43 100
 86 11.3 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 52.608 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD079665.D
 Acq: 08 Aug 2024 13:55

Tgt Ion: 63 Resp: 254090
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.7 14.0
 100 4.3 2.9 8.6

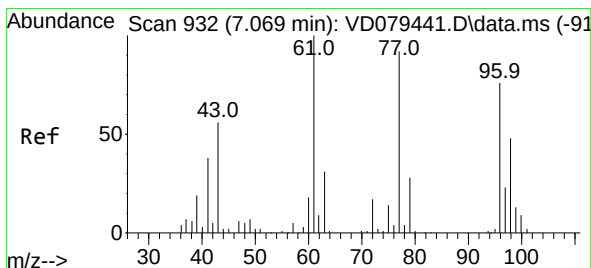
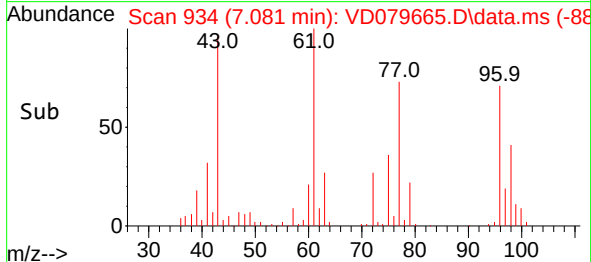
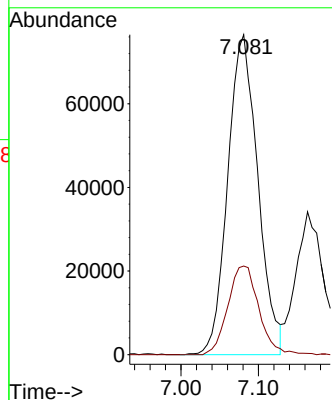
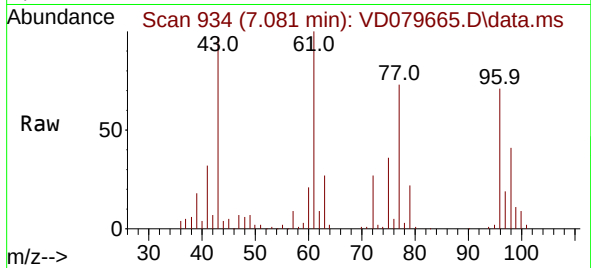




#25
2-Butanone
Concen: 325.188 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

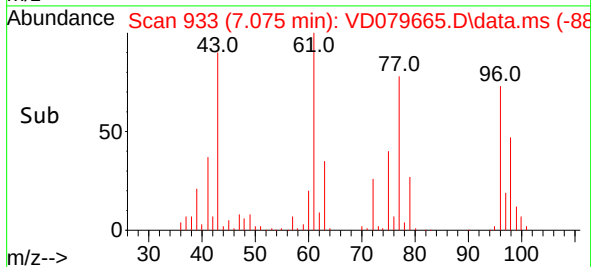
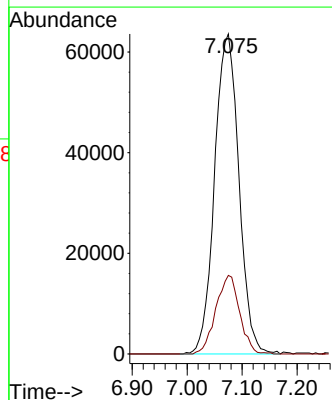
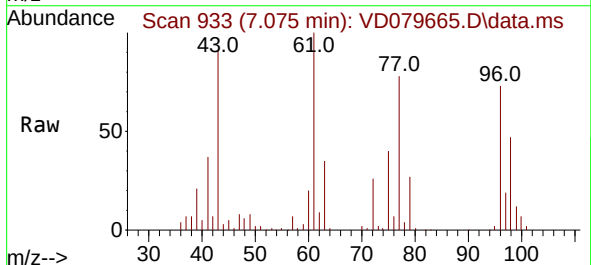
Instrument :
MSVOA_D
ClientSampleId :

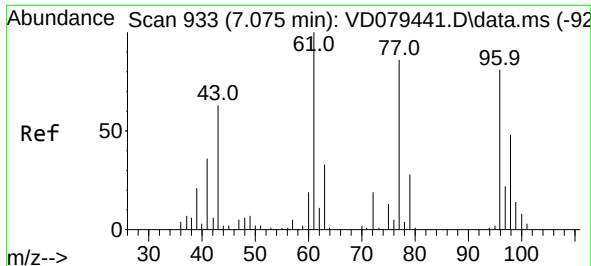
Tgt Ion: 43 Resp: 206650
Ion Ratio Lower Upper
43 100
72 27.7 26.4 39.6



#26
2,2-Dichloropropane
Concen: 49.935 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 77 Resp: 195084
Ion Ratio Lower Upper
77 100
97 24.0 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 50.906 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min MSVOA_D

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

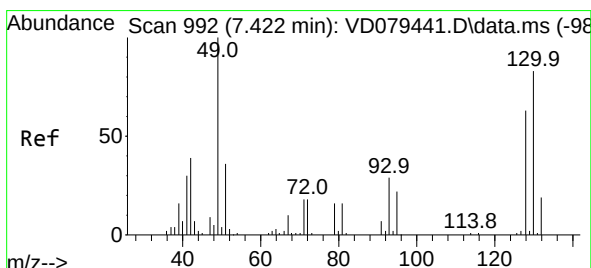
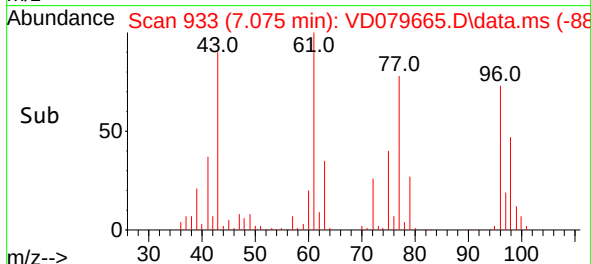
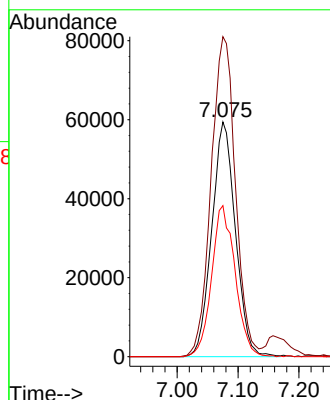
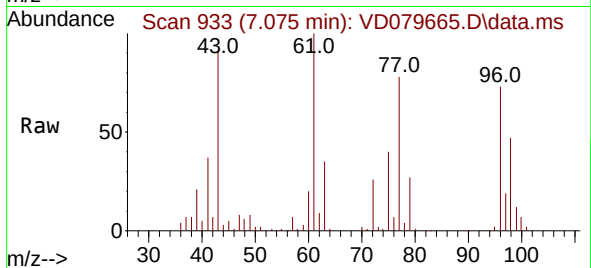
Tgt Ion: 96 Resp: 160347

Ion Ratio Lower Upper

96 100

61 140.1 0.0 229.0

98 64.1 0.0 127.2



#28

Bromochloromethane

Concen: 60.642 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.006 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

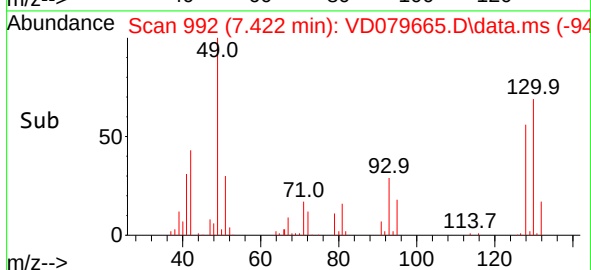
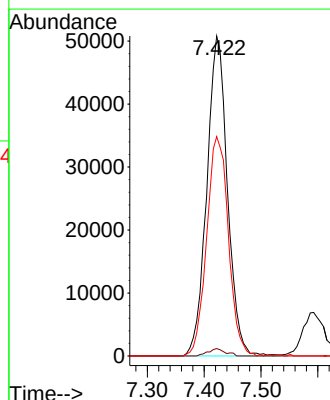
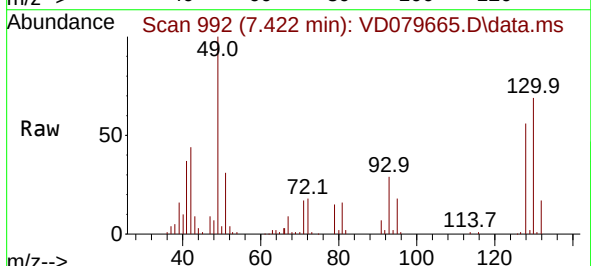
Tgt Ion: 49 Resp: 128438

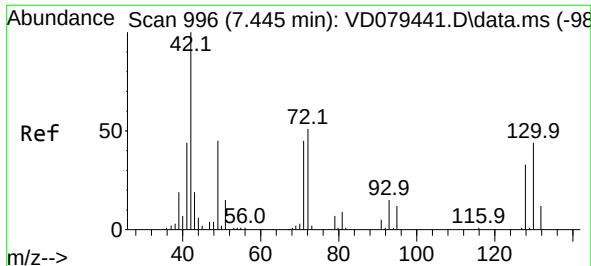
Ion Ratio Lower Upper

49 100

129 1.9 0.0 7.0

130 71.9 87.7 131.5#





#29

Tetrahydrofuran

Concen: 331.058 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

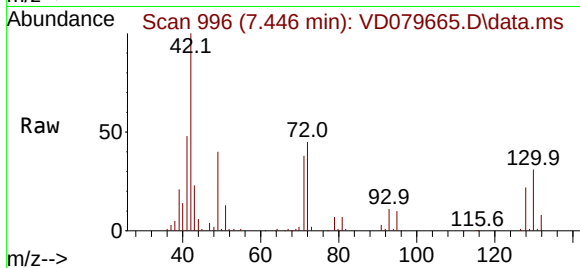
Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

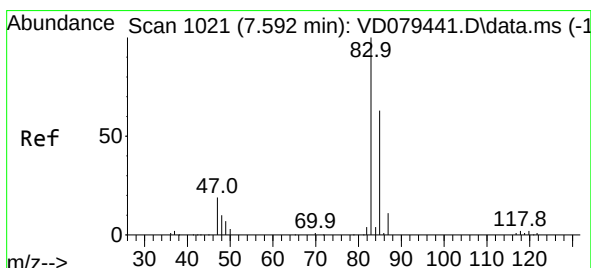
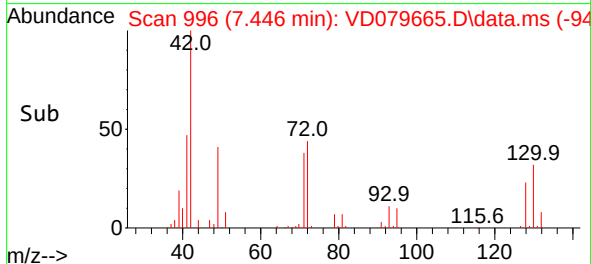
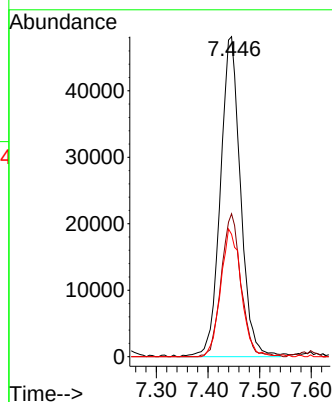
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	130379
Ion Ratio	Lower	Upper	
42	100		
72	43.8	49.4	74.0#
71	40.5	45.0	67.6#



#30

Chloroform

Concen: 51.146 ug/l

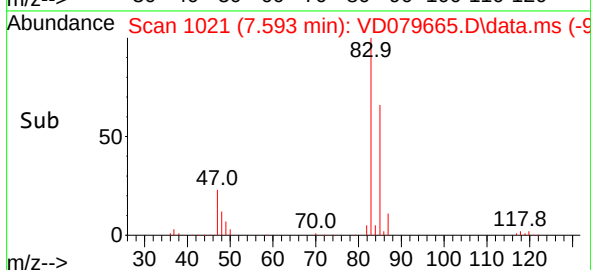
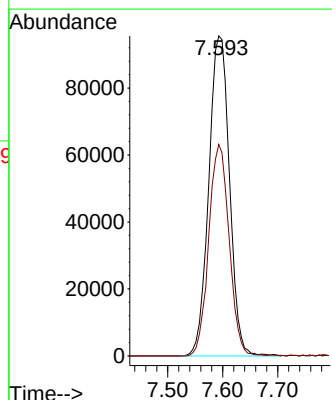
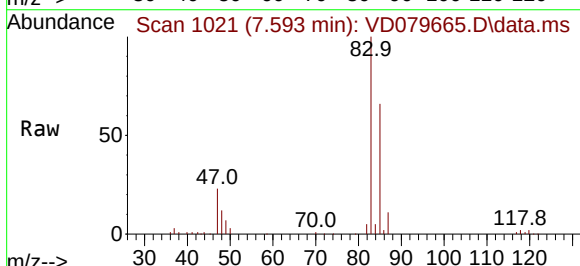
RT: 7.593 min Scan# 1021

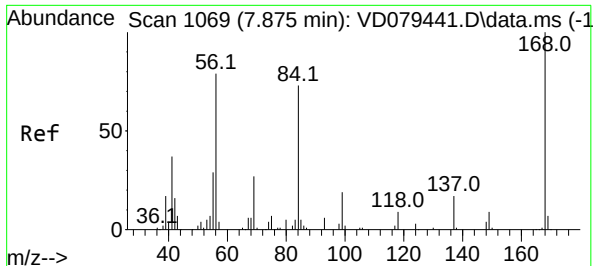
Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

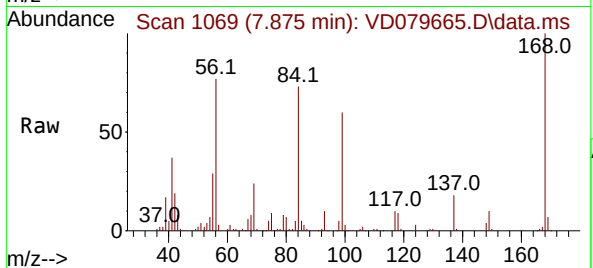
Tgt Ion:	83	Resp:	250163
Ion Ratio	Lower	Upper	
83	100		
85	66.1	51.8	77.6



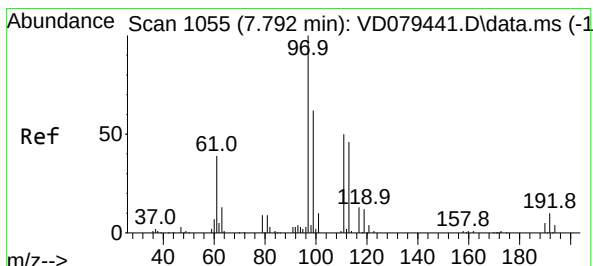
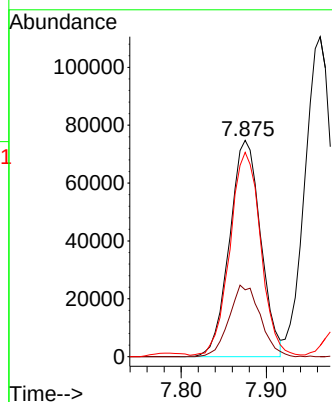
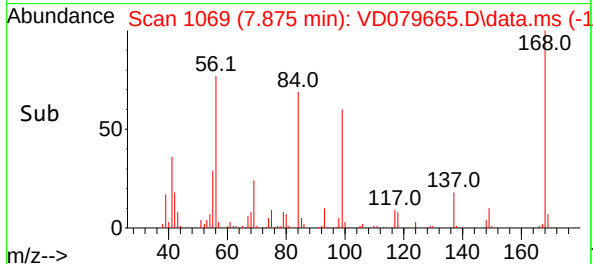


#31
Cyclohexane
Concen: 49.520 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

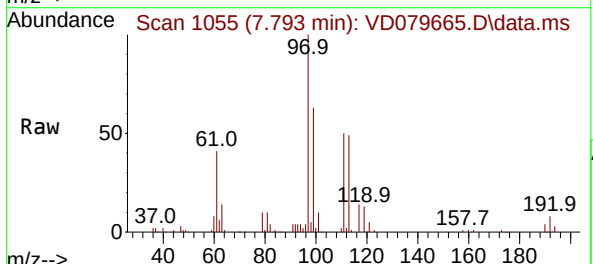
Instrument :
MSVOA_D
ClientSampleId :



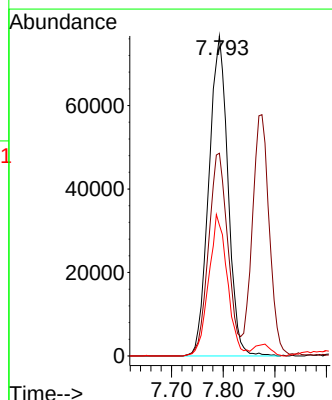
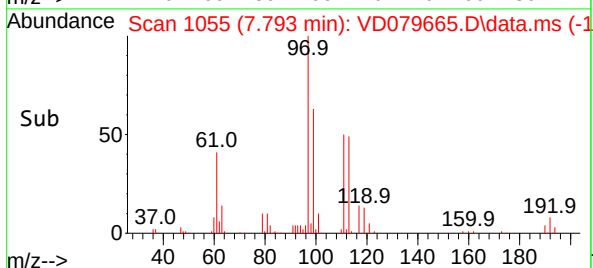
Tgt Ion: 56 Resp: 189687
Ion Ratio Lower Upper
56 100
69 30.6 28.0 42.0
84 93.0 87.4 131.0

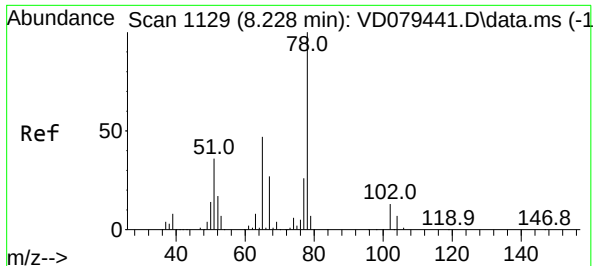


#32
1,1,1-Trichloroethane
Concen: 48.831 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55



Tgt Ion: 97 Resp: 197081
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 43.5 31.4 47.2

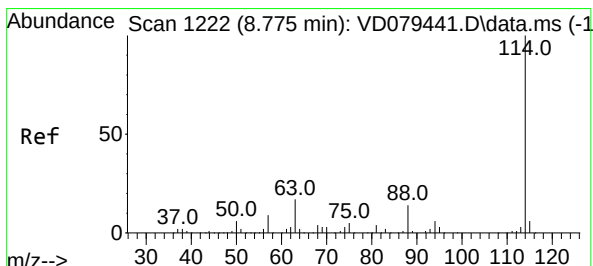
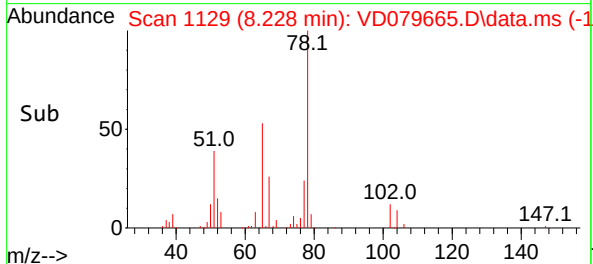
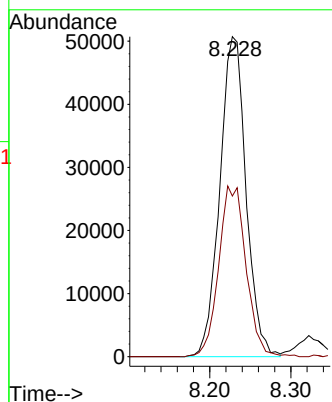
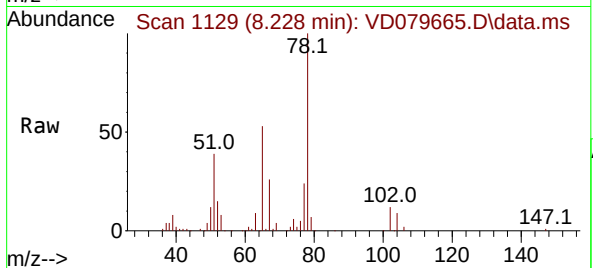




#33
 1,2-Dichloroethane-d4
 Concen: 49.444 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD079665.D
 Acq: 08 Aug 2024 13:55

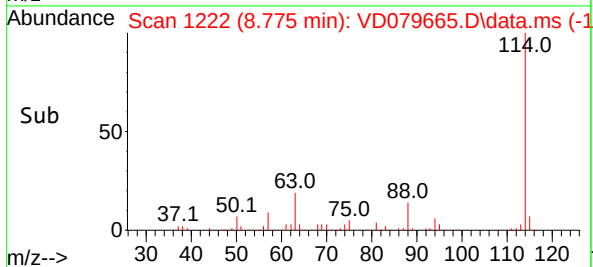
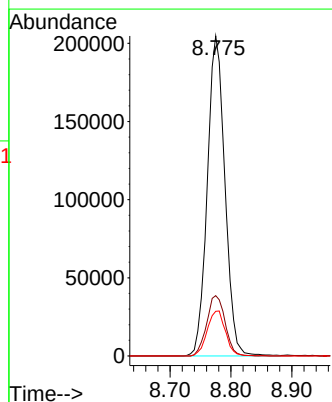
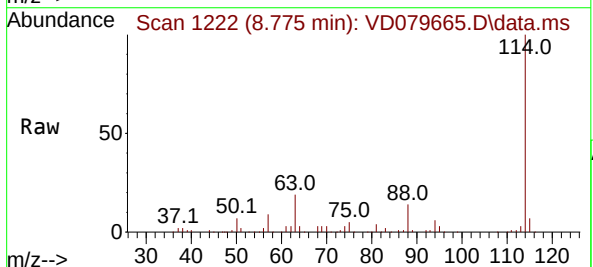
Instrument :
 MSVOA_D
 ClientSampleId :

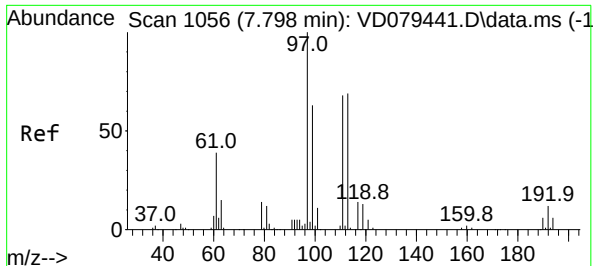
Tgt Ion: 65 Resp: 114041
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079665.D
 Acq: 08 Aug 2024 13:55

Tgt Ion:114 Resp: 411398
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.0
 88 13.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 41.610 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

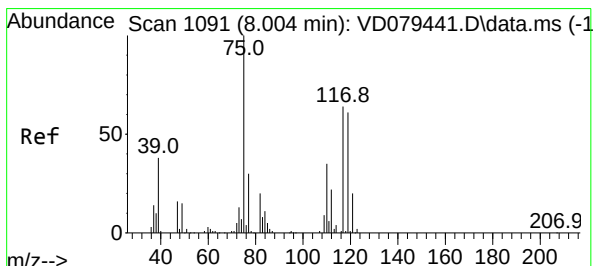
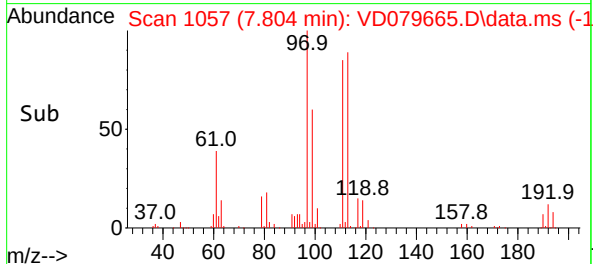
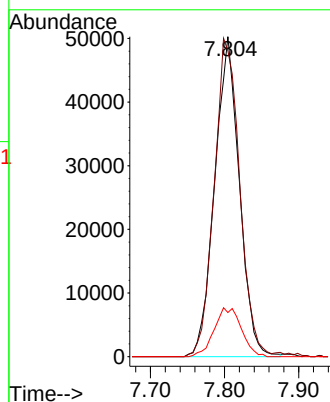
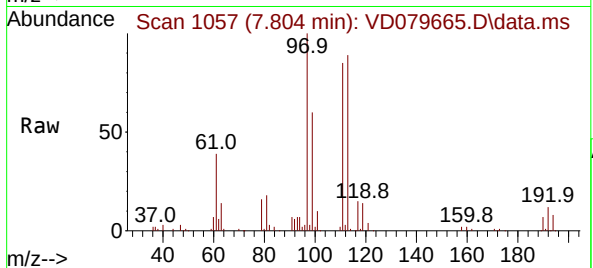
Tgt Ion:113 Resp: 115863

Ion Ratio Lower Upper

113 100

111 103.9 84.0 126.0

192 17.0 15.4 23.0



#36

1,1-Dichloropropene

Concen: 45.781 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

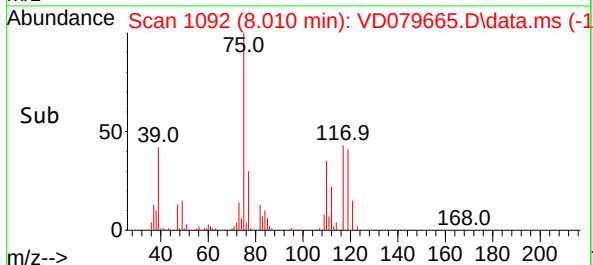
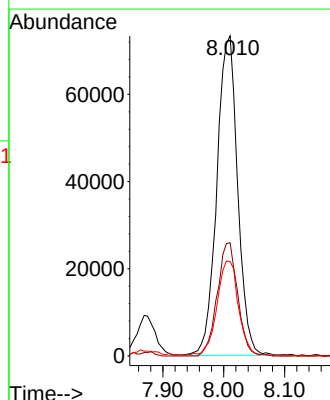
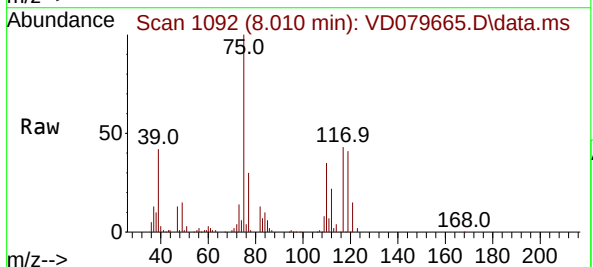
Tgt Ion: 75 Resp: 173994

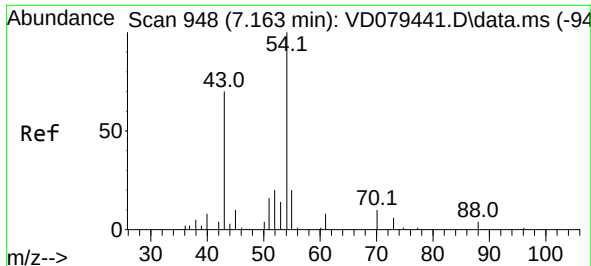
Ion Ratio Lower Upper

75 100

110 34.8 19.6 58.7

77 31.0 26.1 39.1





#37

Ethyl Acetate

Concen: 55.747 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.012 min

Lab File: VD079665.D

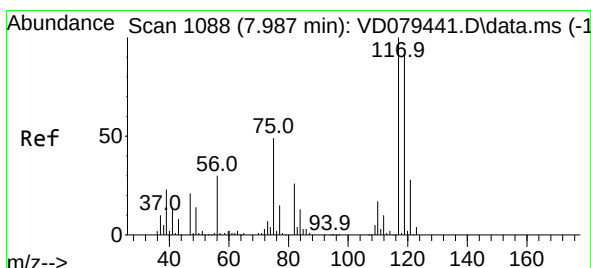
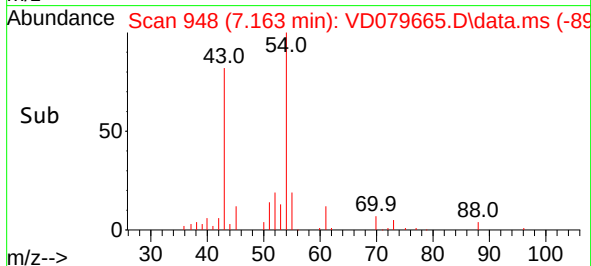
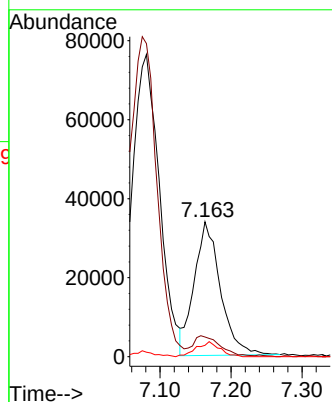
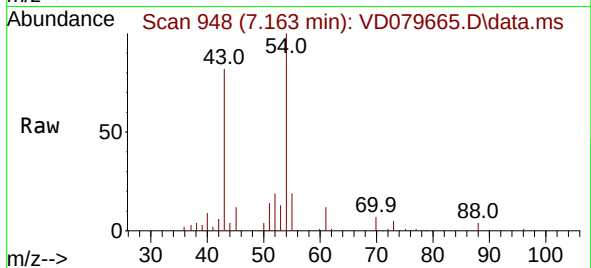
Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 86868
Ion Ratio	Lower Upper
43	100
61	15.3 13.9 20.9
70	10.0 9.8 14.6



#38

Carbon Tetrachloride

Concen: 43.595 ug/l

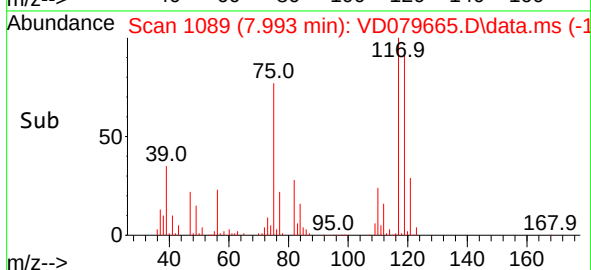
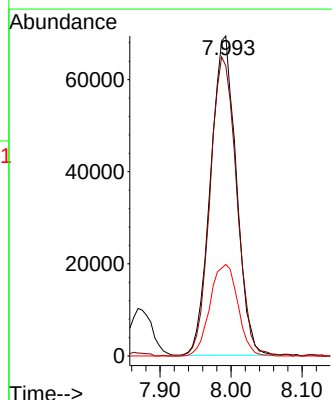
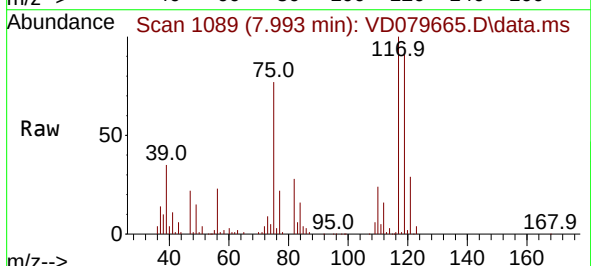
RT: 7.993 min Scan# 1089

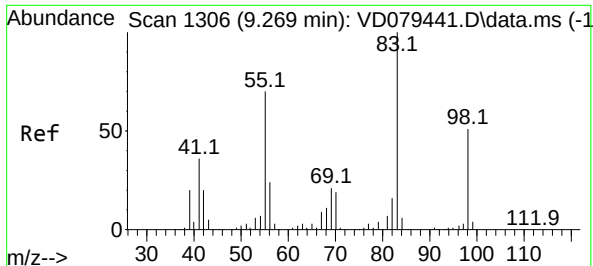
Delta R.T. 0.006 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Tgt Ion: 117	Resp: 174177
Ion Ratio	Lower Upper
117	100
119	90.9 75.4 113.0
121	28.6 25.0 37.4





#39

Methylcyclohexane

Concen: 46.080 ug/l

RT: 9.269 min Scan# 1132

Delta R.T. -0.006 min

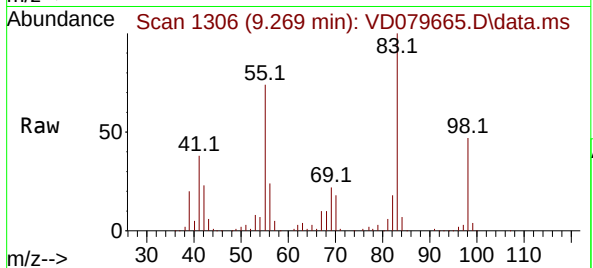
Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :



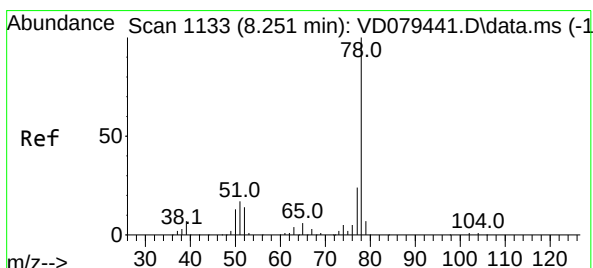
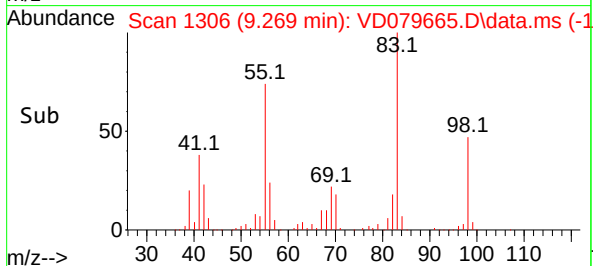
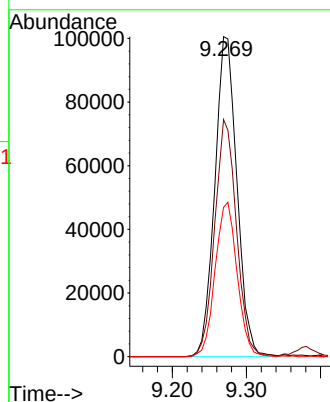
Tgt Ion: 83 Resp: 208959

Ion Ratio Lower Upper

83 100

55 74.1 50.1 75.1

98 46.7 41.9 62.9



#40

Benzene

Concen: 47.134 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD079665.D

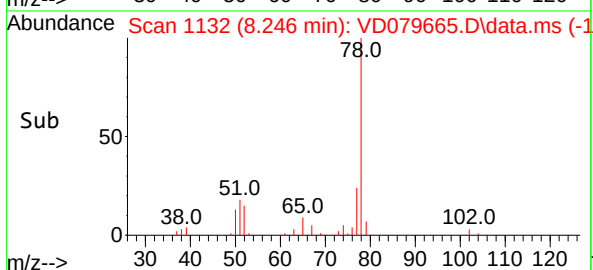
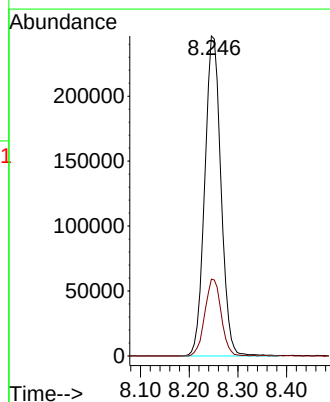
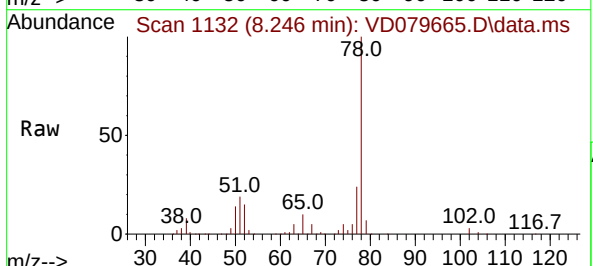
Acq: 08 Aug 2024 13:55

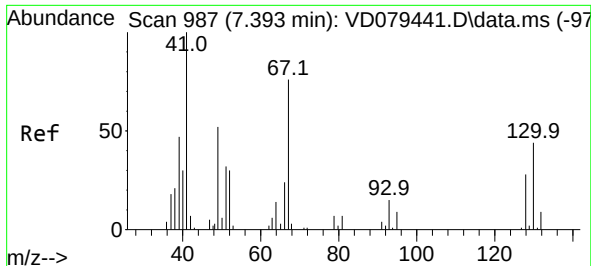
Tgt Ion: 78 Resp: 568965

Ion Ratio Lower Upper

78 100

77 24.0 18.1 27.1

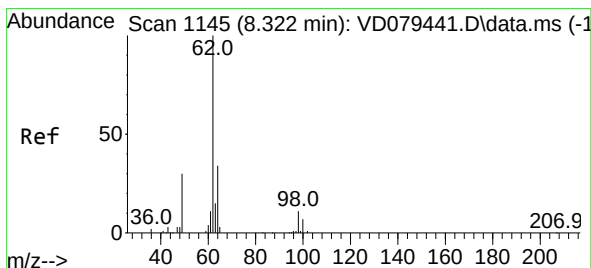
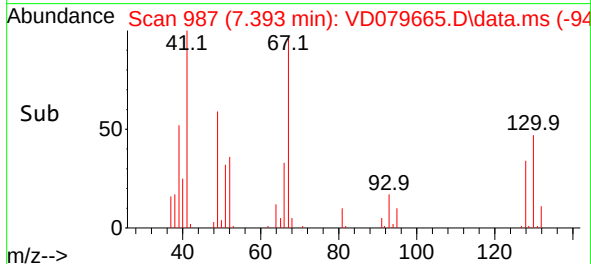
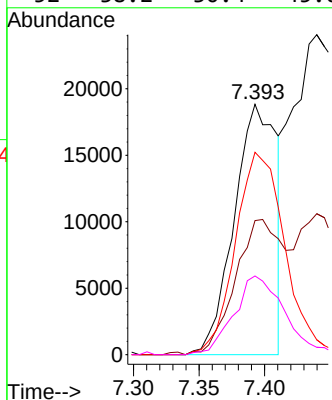
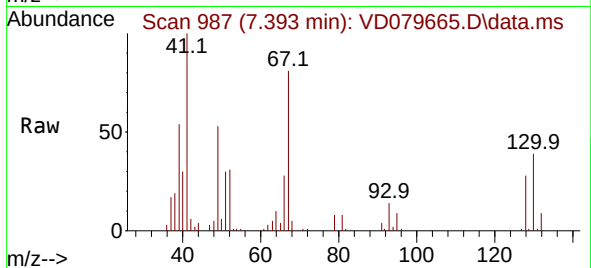




#41
Methacrylonitrile
Concen: 49.582 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.024 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

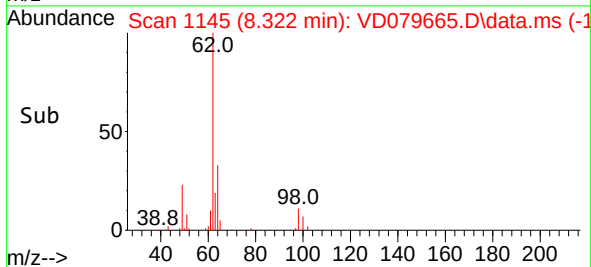
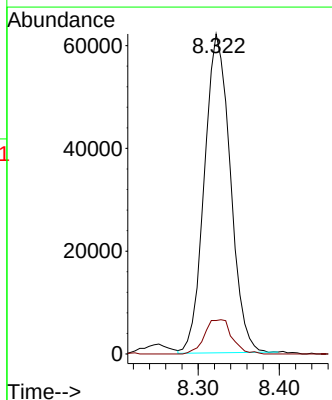
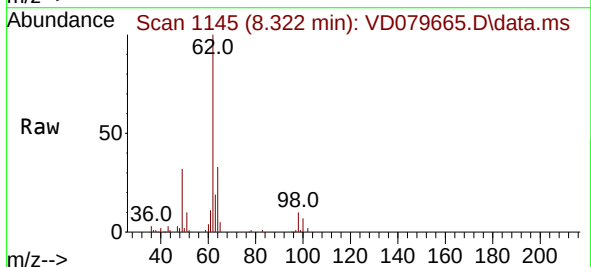
Instrument :
MSVOA_D
ClientSampleId :

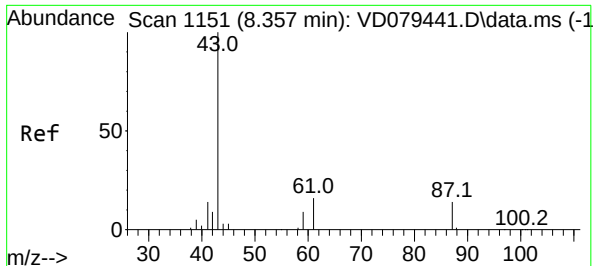
Tgt Ion:	41	Resp:	42498
Ion	Ratio	Lower	Upper
41	100		
39	59.7	41.4	62.0
67	94.6	85.8	128.6
52	38.2	30.4	45.6



#42
1,2-Dichloroethane
Concen: 47.860 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion:	62	Resp:	137672
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.8





#43

Isopropyl Acetate

Concen: 54.761 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

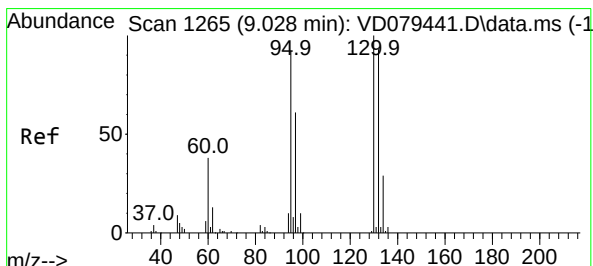
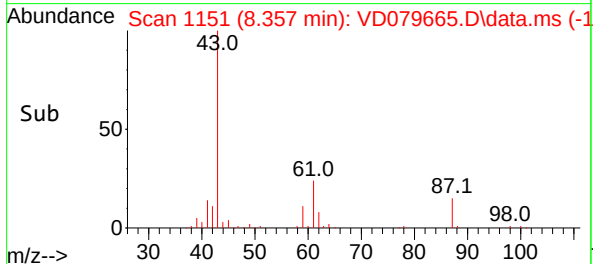
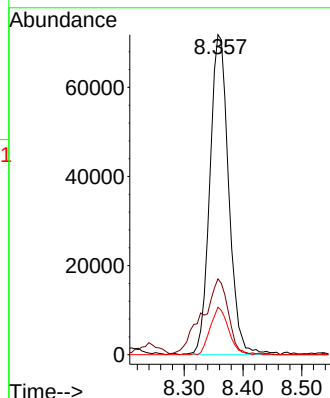
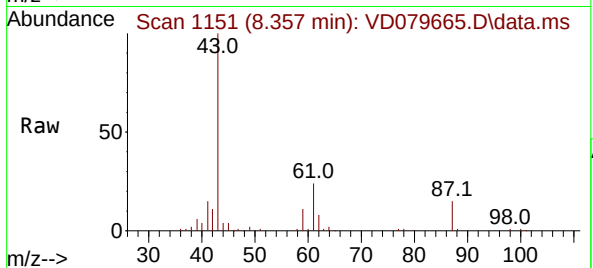
Tgt Ion: 43 Resp: 160373

Ion Ratio Lower Upper

43 100

61 32.0 29.3 43.9

87 14.4 14.9 22.3#



#44

Trichloroethene

Concen: 43.324 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079665.D

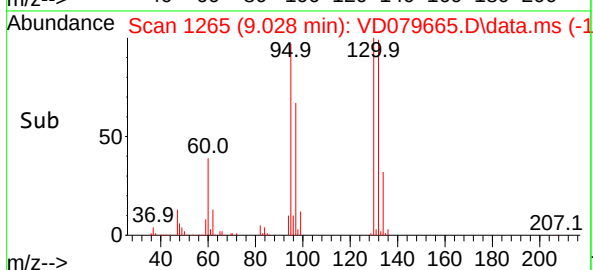
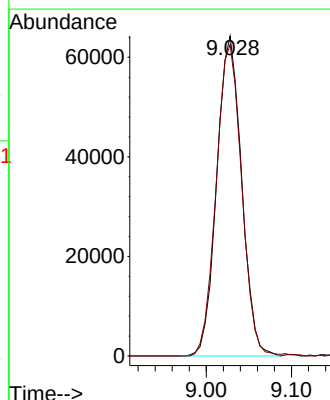
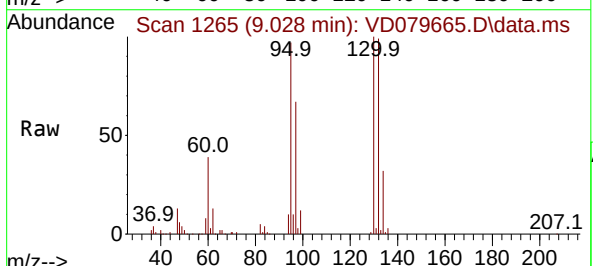
Acq: 08 Aug 2024 13:55

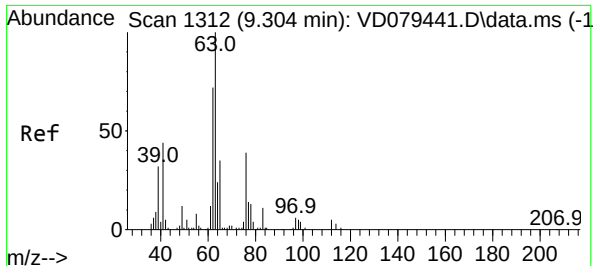
Tgt Ion:130 Resp: 130186

Ion Ratio Lower Upper

130 100

95 97.3 0.0 177.8





#45

1,2-Dichloropropane

Concen: 49.503 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

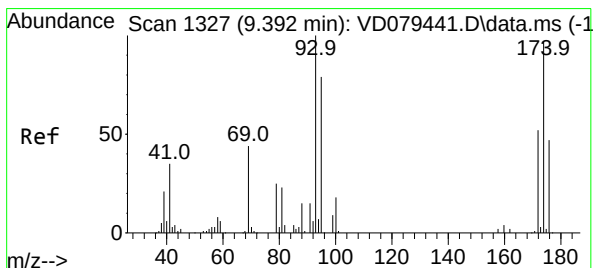
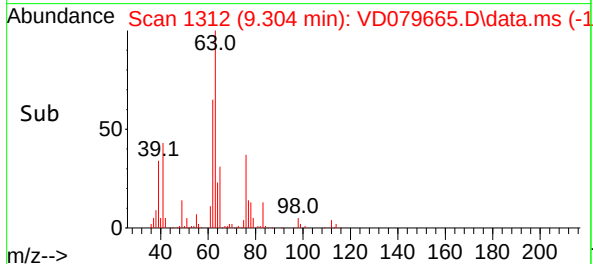
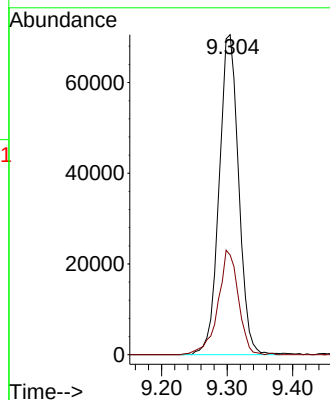
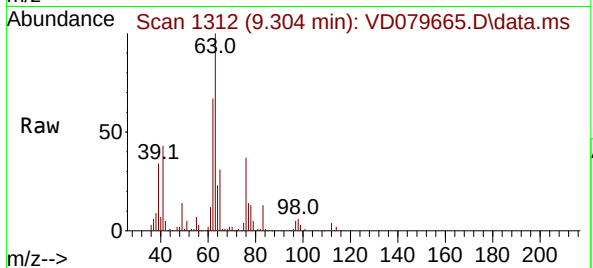
ClientSampleId :

Tgt Ion: 63 Resp: 145424

Ion Ratio Lower Upper

63 100

65 31.2 23.8 35.8



#46

Dibromomethane

Concen: 47.024 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

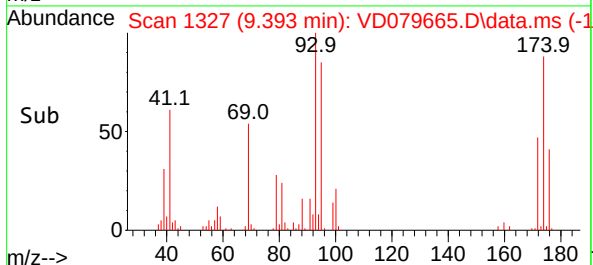
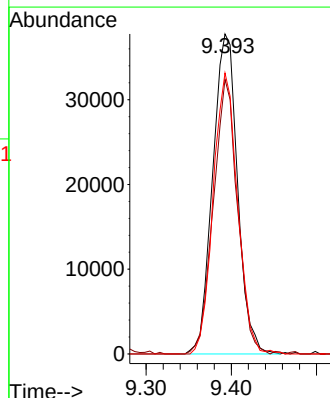
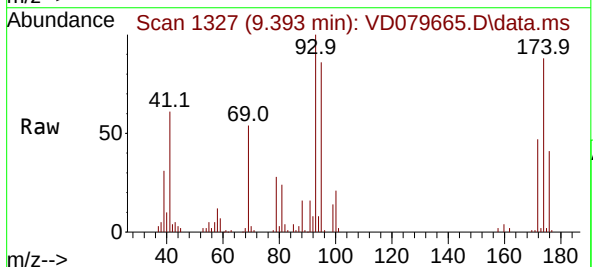
Tgt Ion: 93 Resp: 76582

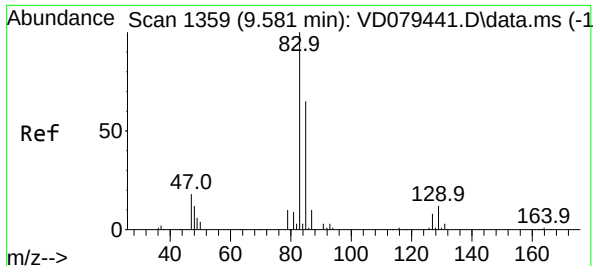
Ion Ratio Lower Upper

93 100

95 83.1 65.6 98.4

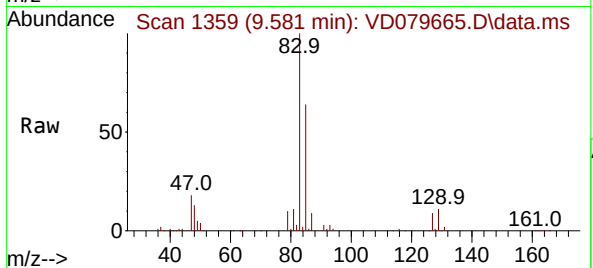
174 86.3 82.3 123.5



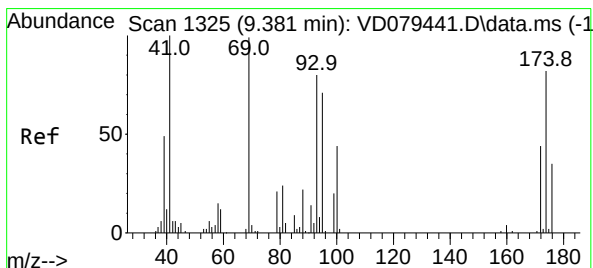
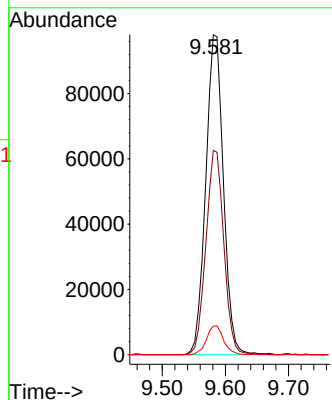
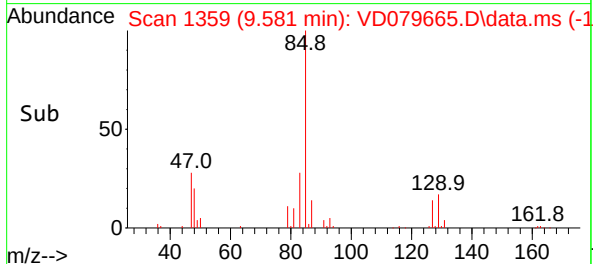


#47
Bromodichloromethane
Concen: 47.748 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Instrument :
MSVOA_D
ClientSampleId :

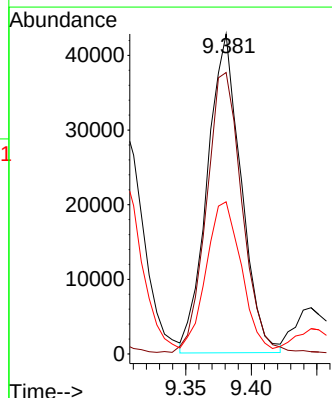
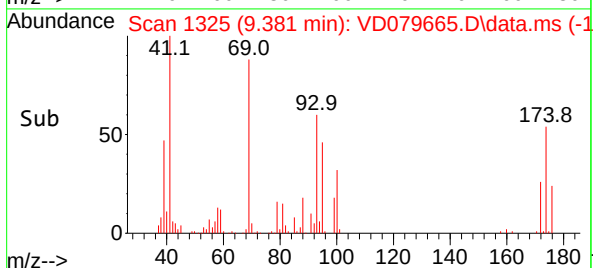
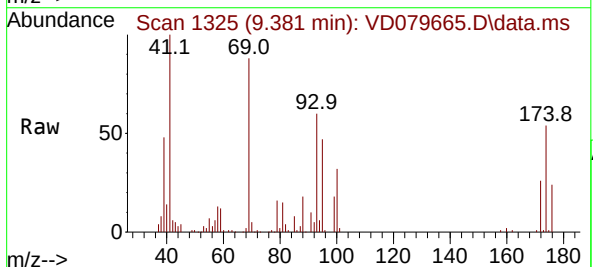


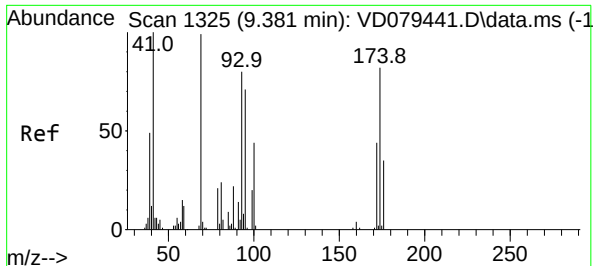
Tgt Ion: 83 Resp: 190935
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 8.9 6.8 10.2



#48
Methyl methacrylate
Concen: 58.528 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

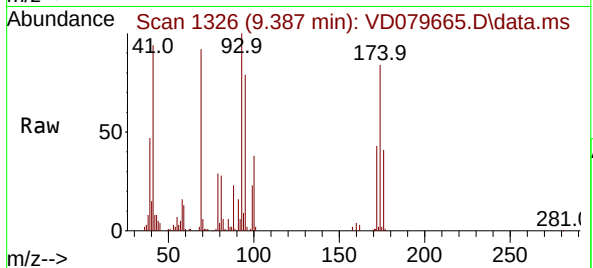
Tgt Ion: 41 Resp: 76709
Ion Ratio Lower Upper
41 100
69 93.9 96.7 145.1#
39 47.0 43.8 65.6



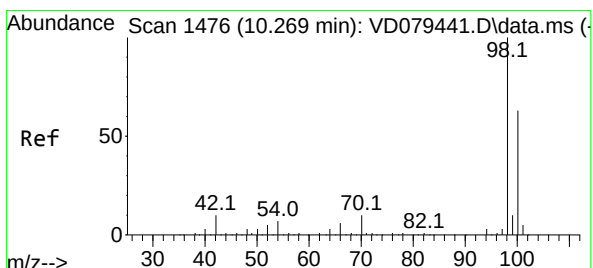
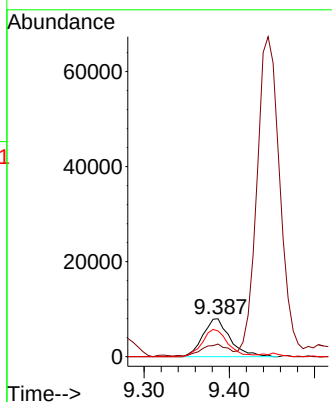
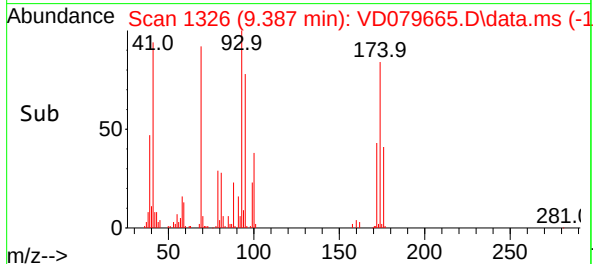


#49
1,4-Dioxane
Concen: 1047.587 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. -0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Instrument :
MSVOA_D
ClientSampleId :

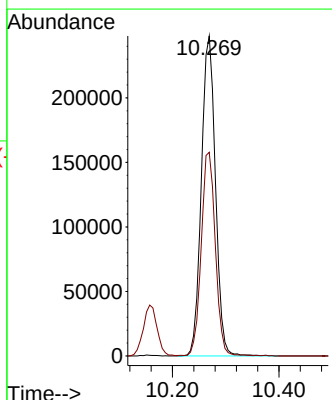
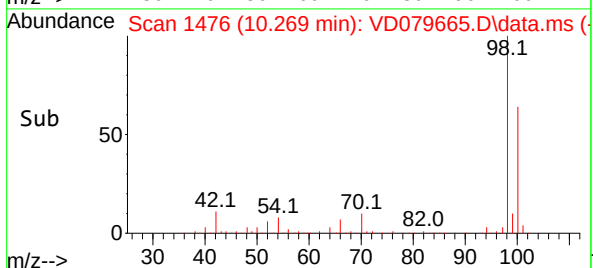
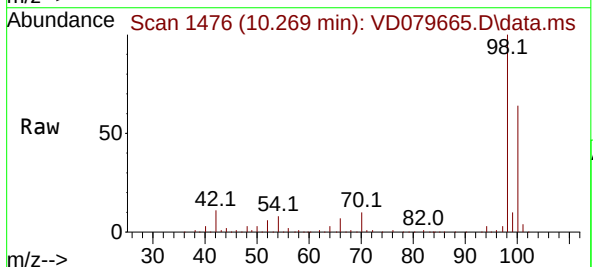


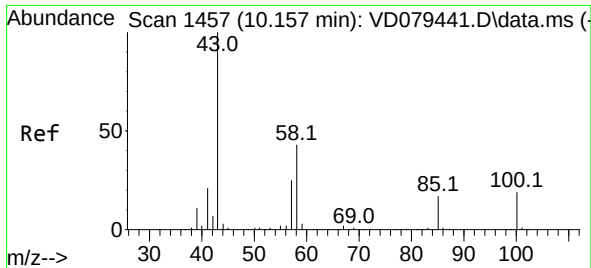
Tgt Ion: 88 Resp: 17678
Ion Ratio Lower Upper
88 100
43 29.0 21.5 32.3
58 67.0 42.2 63.4#



#50
Toluene-d8
Concen: 42.042 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 98 Resp: 454615
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4

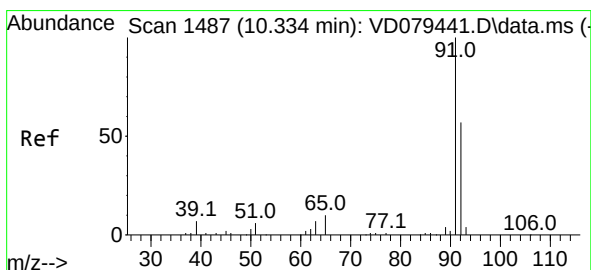
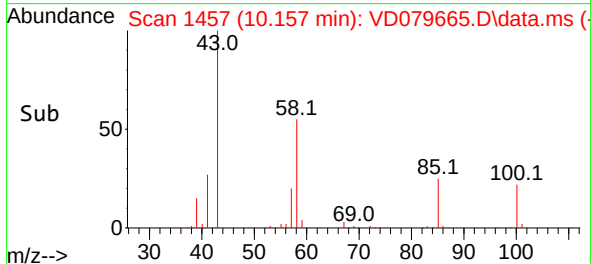
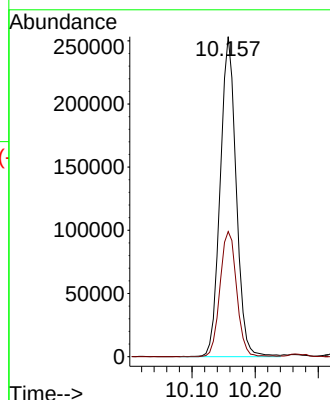
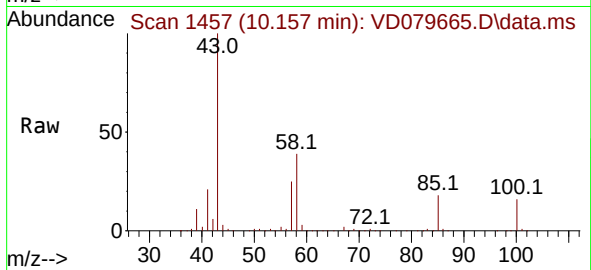




#51
4-Methyl-2-Pentanone
Concen: 297.882 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

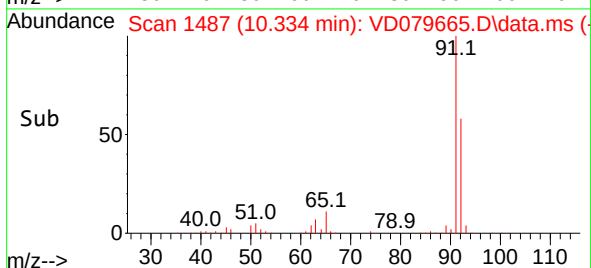
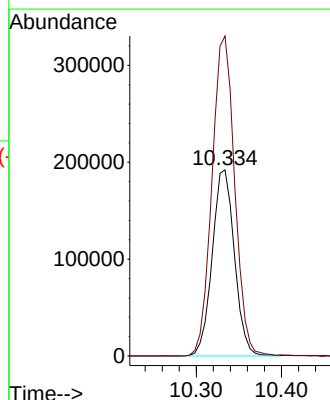
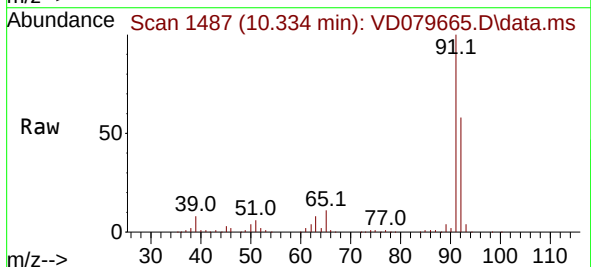
Instrument :
MSVOA_D
ClientSampleId :

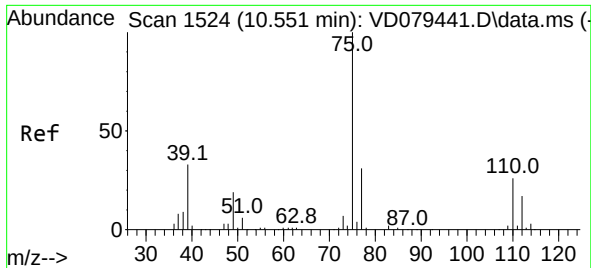
Tgt Ion: 43 Resp: 445393
Ion Ratio Lower Upper
43 100
58 40.8 36.6 55.0



#52
Toluene
Concen: 46.600 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 92 Resp: 347899
Ion Ratio Lower Upper
92 100
91 176.1 141.7 212.5

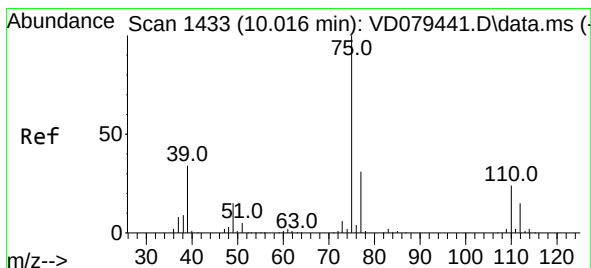
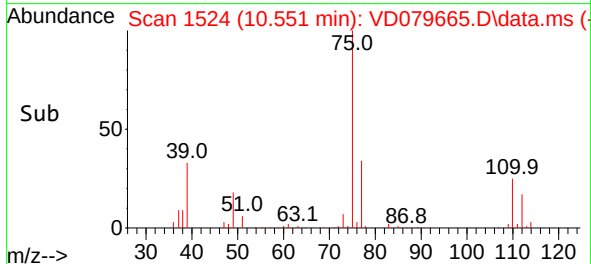
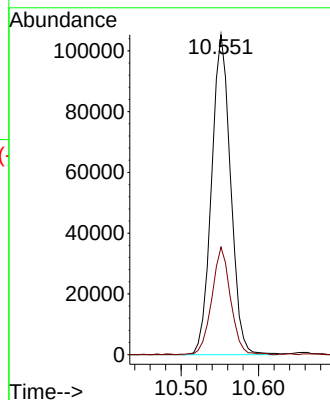
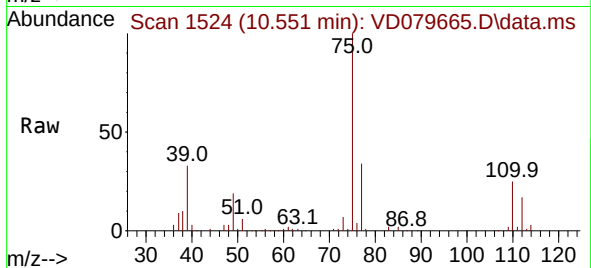




#53
t-1,3-Dichloropropene
Concen: 48.732 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

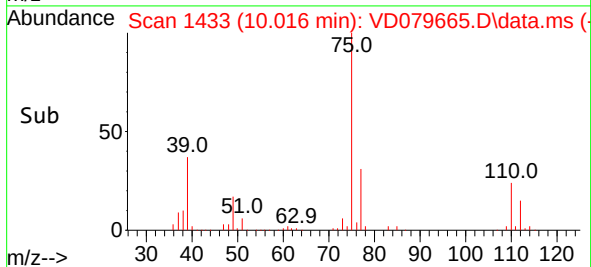
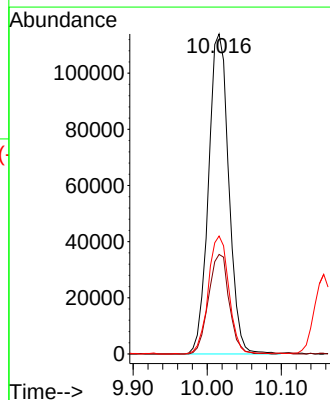
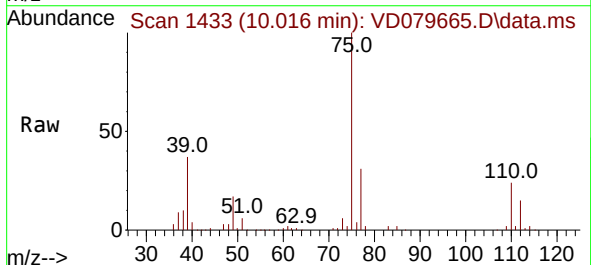
Instrument :
MSVOA_D
ClientSampleId :

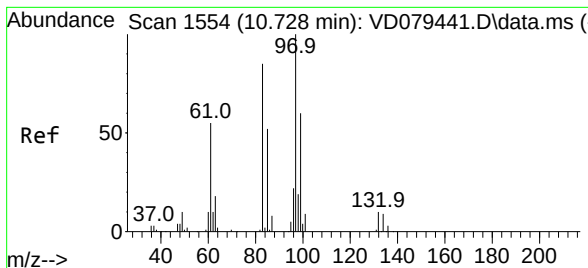
Tgt Ion: 75 Resp: 179959
Ion Ratio Lower Upper
75 100
77 33.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 48.802 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 75 Resp: 216776
Ion Ratio Lower Upper
75 100
77 31.1 24.4 36.6
39 36.8 24.2 36.2#





#55

1,1,2-Trichloroethane

Concen: 48.387 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 103805

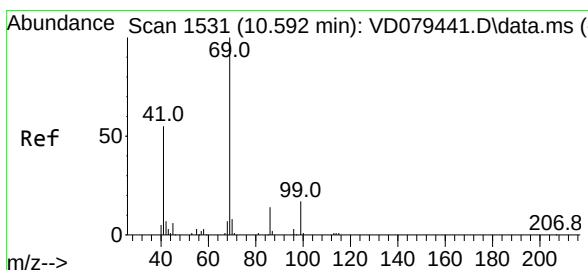
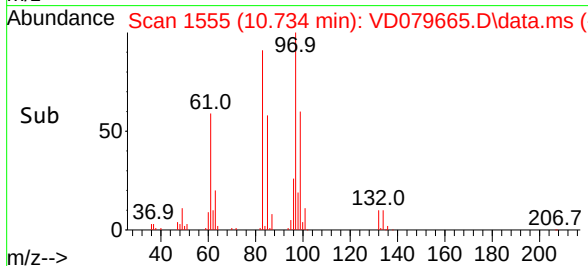
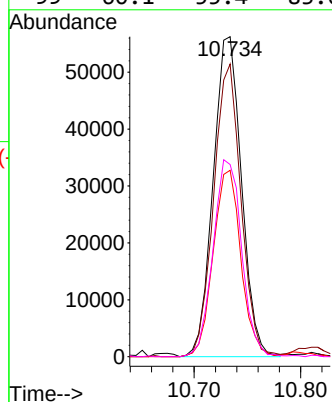
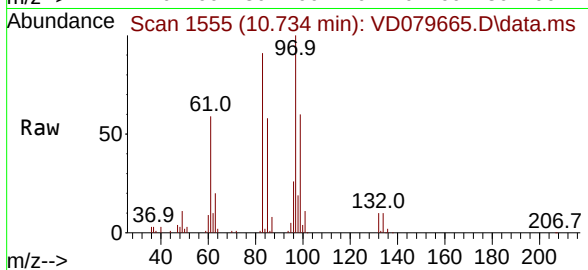
Ion Ratio Lower Upper

97 100

83 91.5 65.8 98.8

85 58.2 43.8 65.8

99 60.1 55.4 83.0



#56

Ethyl methacrylate

Concen: 56.453 ug/l

RT: 10.592 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

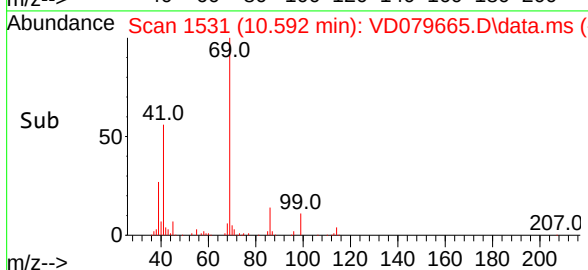
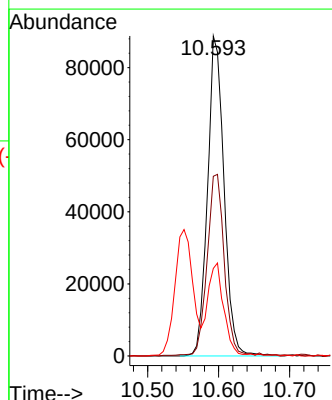
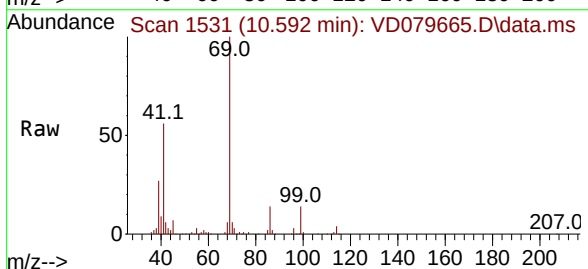
Tgt Ion: 69 Resp: 143500

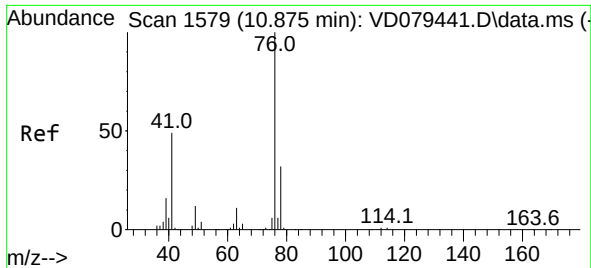
Ion Ratio Lower Upper

69 100

41 59.2 39.8 59.6

39 28.8 20.2 30.4





#57

1,3-Dichloropropane

Concen: 49.878 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

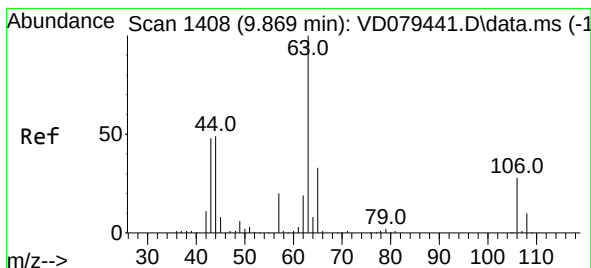
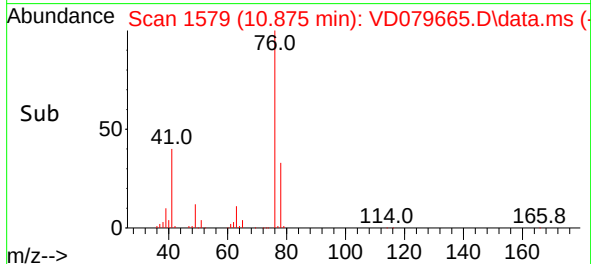
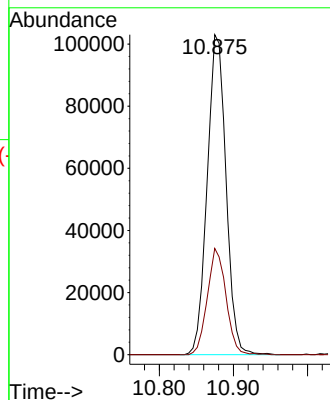
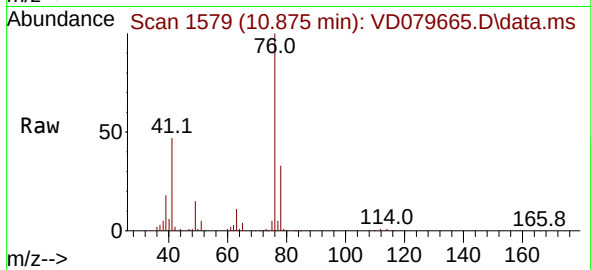
ClientSampleId :

Tgt Ion: 76 Resp: 181828

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 314.777 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079665.D

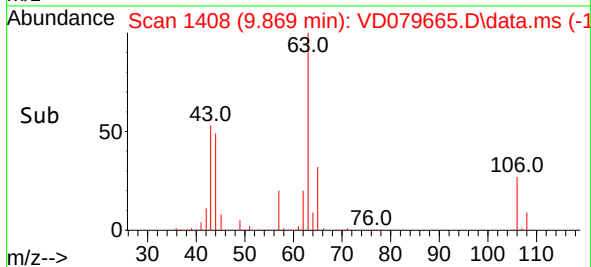
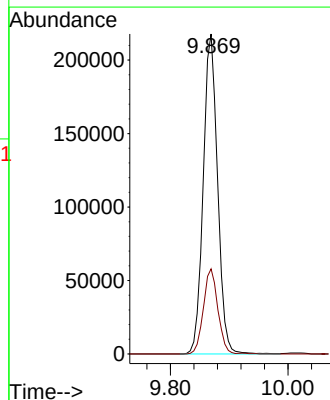
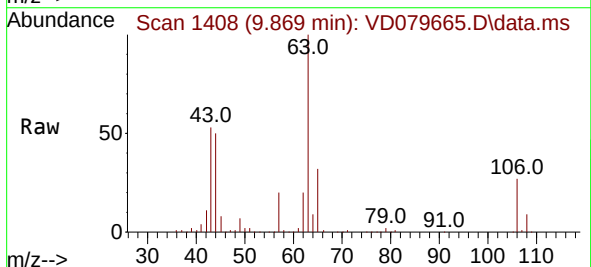
Acq: 08 Aug 2024 13:55

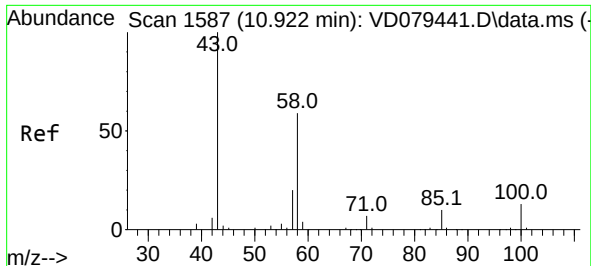
Tgt Ion: 63 Resp: 369001

Ion Ratio Lower Upper

63 100

106 26.7 26.4 39.6

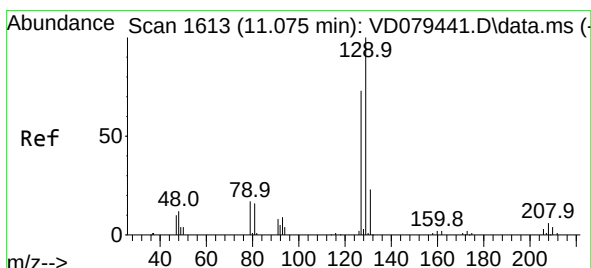
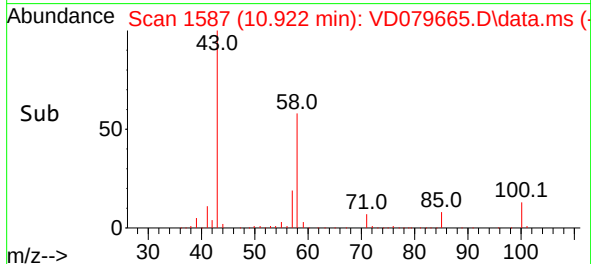
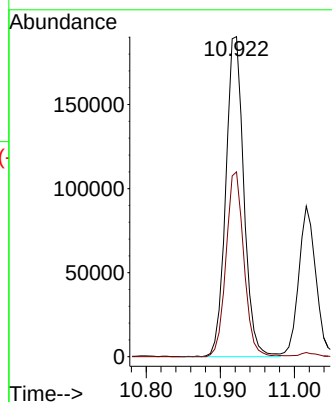
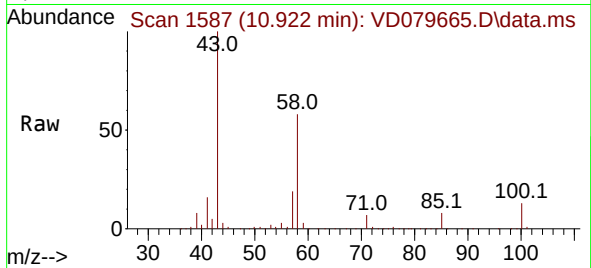




#59
2-Hexanone
Concen: 308.951 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

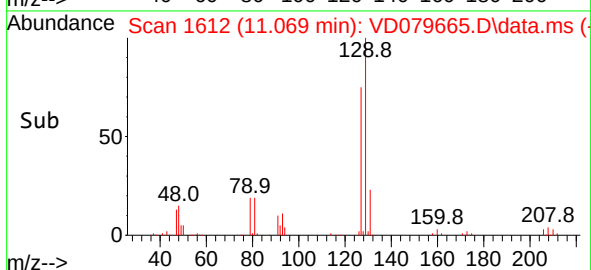
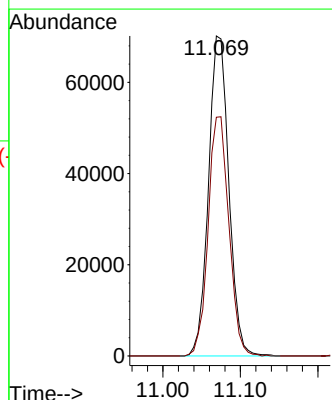
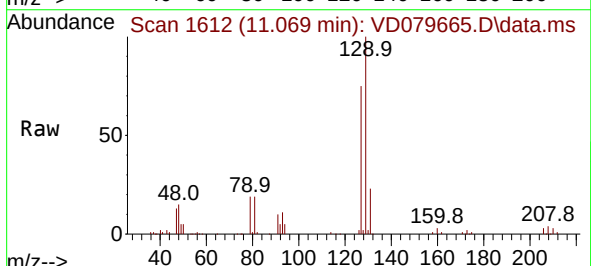
Instrument :
MSVOA_D
ClientSampleId :

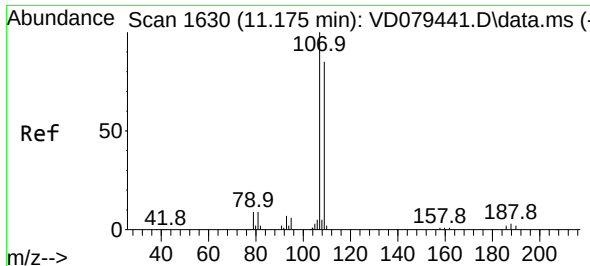
Tgt Ion: 43 Resp: 322170
Ion Ratio Lower Upper
43 100
58 57.2 31.1 93.5



#60
Dibromochloromethane
Concen: 45.761 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion:129 Resp: 128243
Ion Ratio Lower Upper
129 100
127 76.2 38.0 113.9

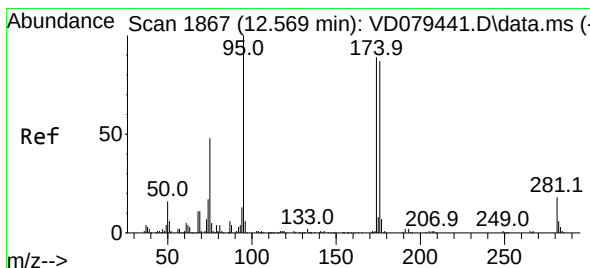
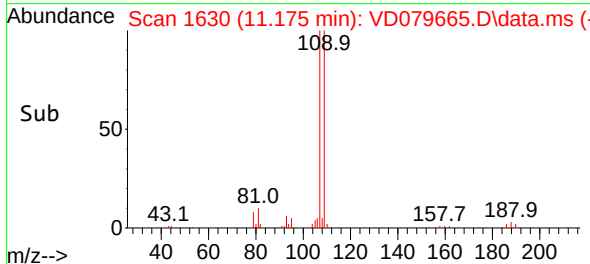
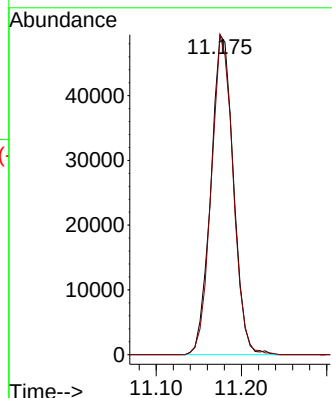
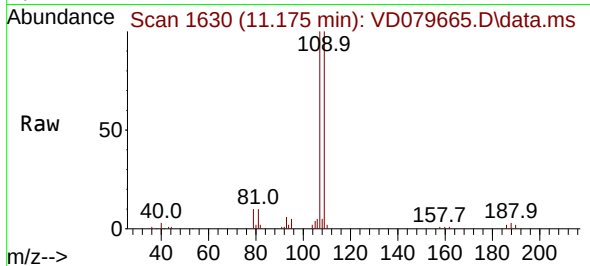




#61
1,2-Dibromoethane
Concen: 45.160 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

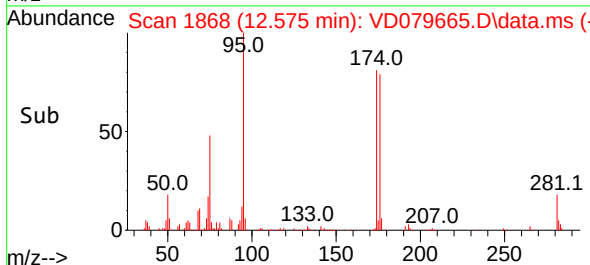
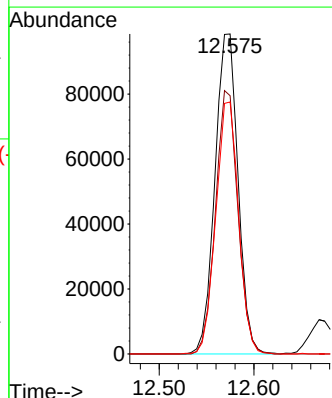
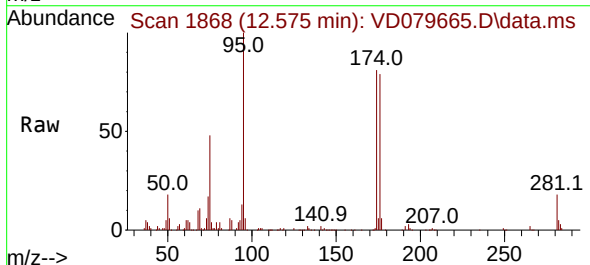
Instrument :
MSVOA_D
ClientSampleId :

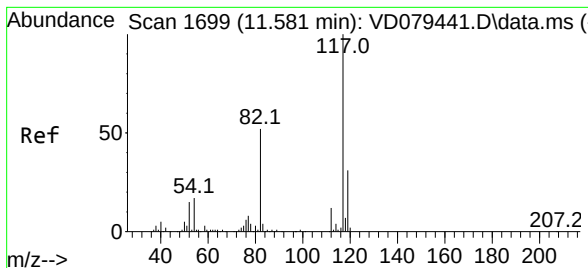
Tgt Ion:107 Resp: 90763
Ion Ratio Lower Upper
107 100
109 96.7 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 53.329 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 95 Resp: 166876
Ion Ratio Lower Upper
95 100
174 79.9 0.0 195.4
176 77.8 0.0 192.6

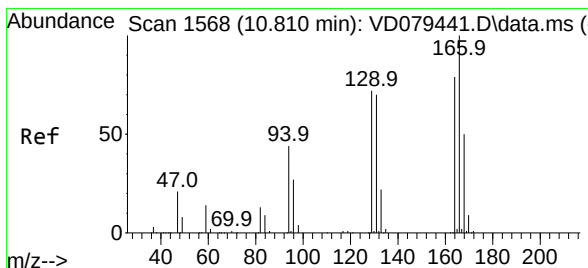
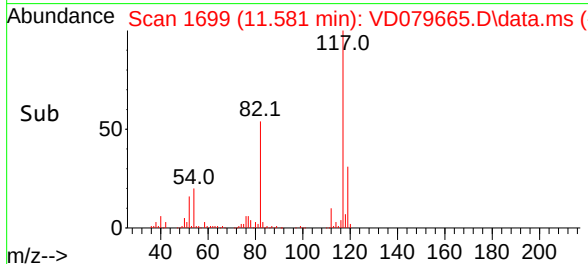
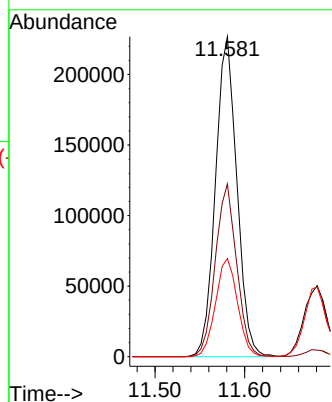
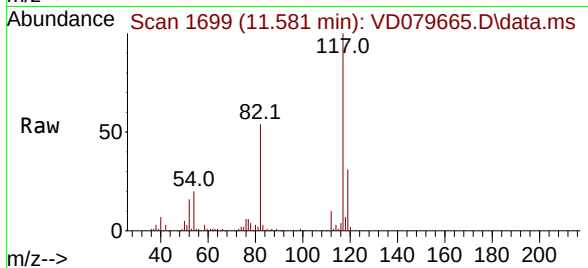




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

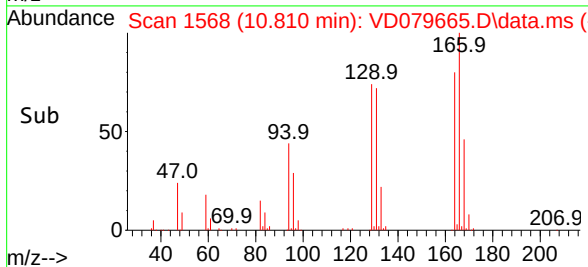
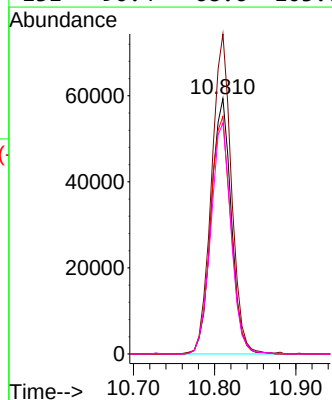
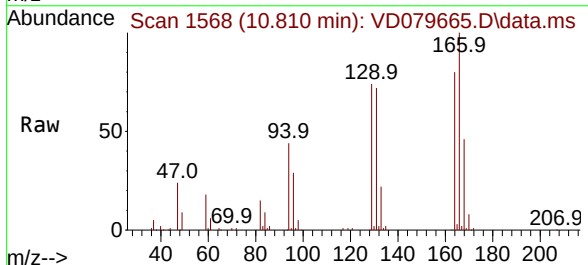
Instrument :
MSVOA_D
ClientSampleId :

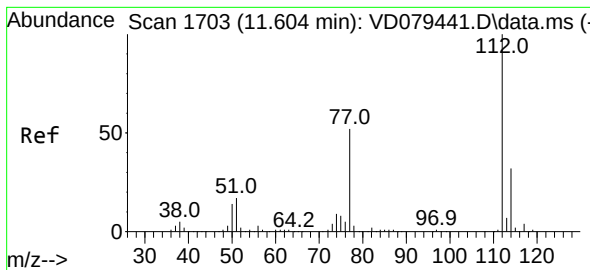
Tgt Ion:117 Resp: 375717
Ion Ratio Lower Upper
117 100
82 54.0 39.8 59.6
119 30.7 25.7 38.5



#64
Tetrachloroethene
Concen: 40.242 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion:164 Resp: 101952
Ion Ratio Lower Upper
164 100
166 125.3 108.6 163.0
129 93.0 74.6 112.0
131 90.4 68.6 103.0

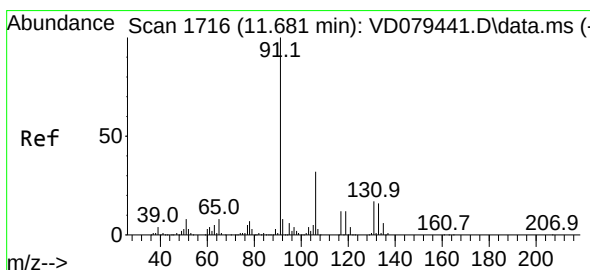
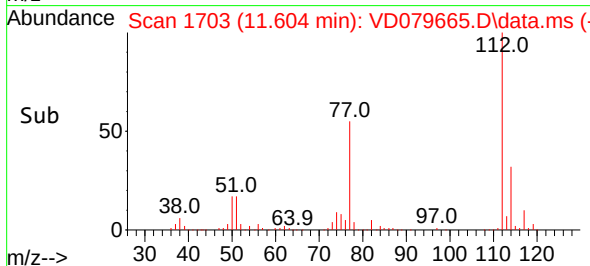
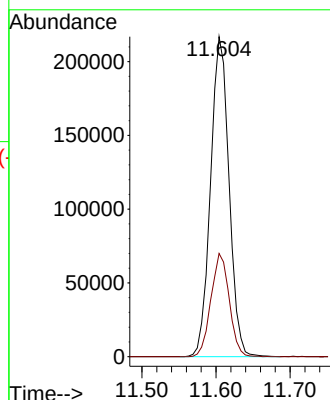
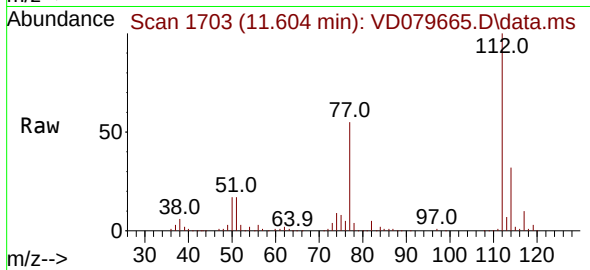




#65
Chlorobenzene
Concen: 45.111 ug/l
RT: 11.604 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

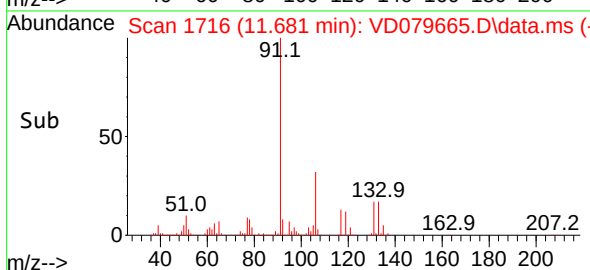
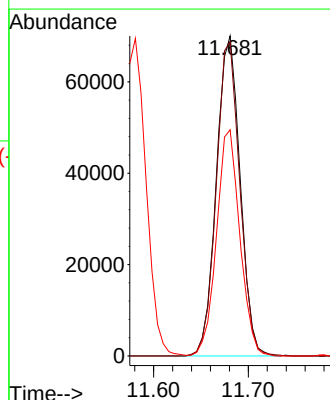
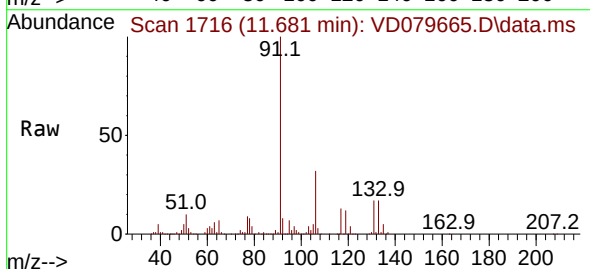
Instrument :
MSVOA_D
ClientSampleId :

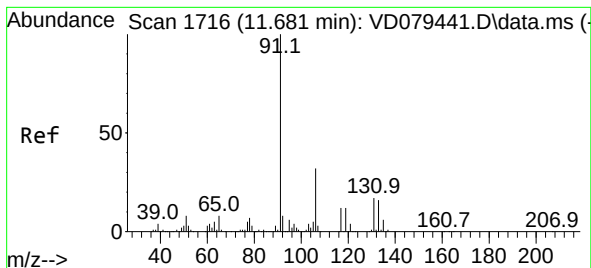
Tgt Ion:112 Resp: 375312
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 44.542 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion:131 Resp: 121927
Ion Ratio Lower Upper
131 100
133 97.4 49.2 147.6
119 69.6 33.4 100.2





#67

Ethyl Benzene

Concen: 47.519 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

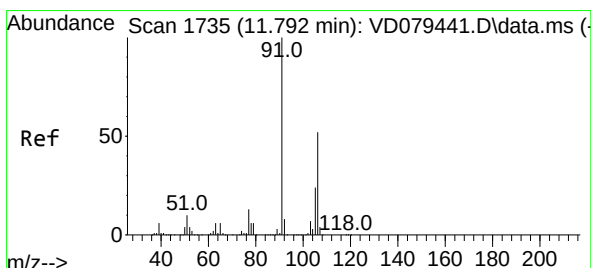
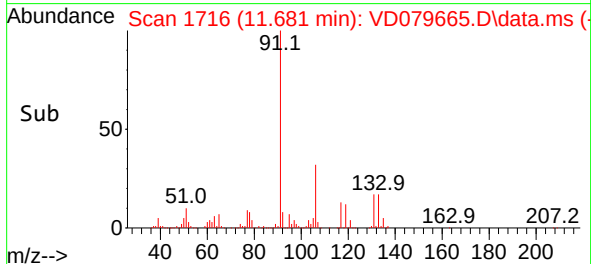
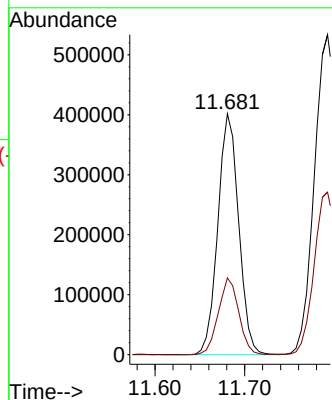
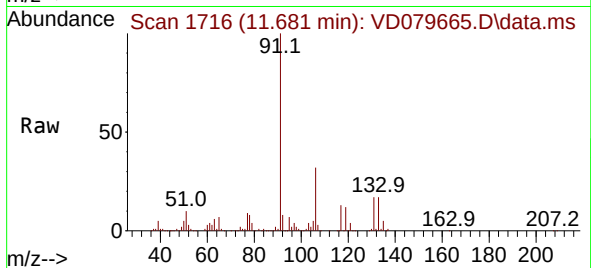
ClientSampleId :

Tgt Ion: 91 Resp: 647205

Ion Ratio Lower Upper

91 100

106 31.9 25.8 38.6



#68

m/p-Xylenes

Concen: 93.663 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079665.D

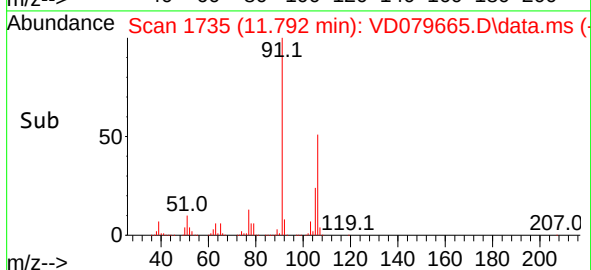
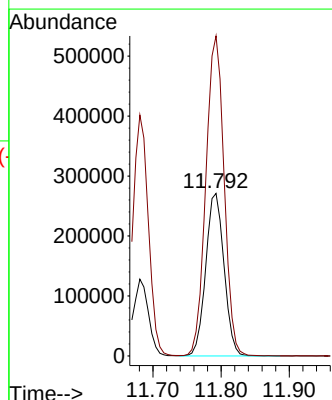
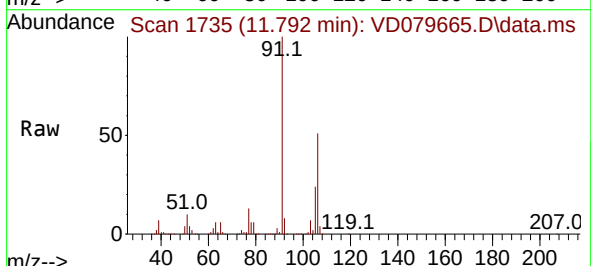
Acq: 08 Aug 2024 13:55

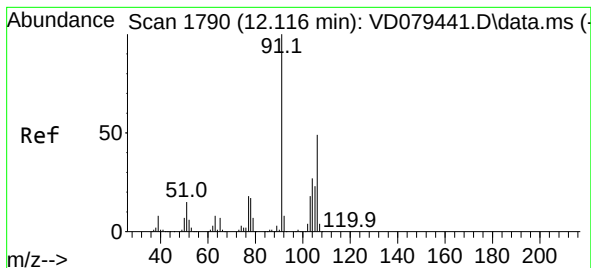
Tgt Ion:106 Resp: 506112

Ion Ratio Lower Upper

106 100

91 196.2 148.5 222.7

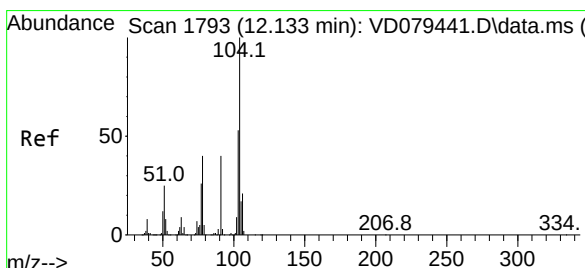
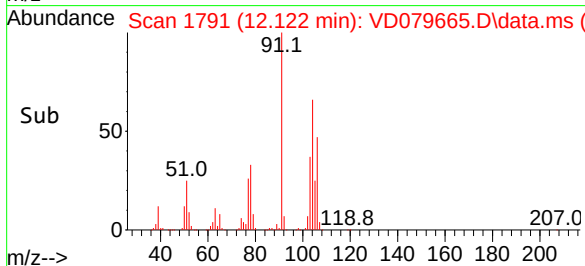
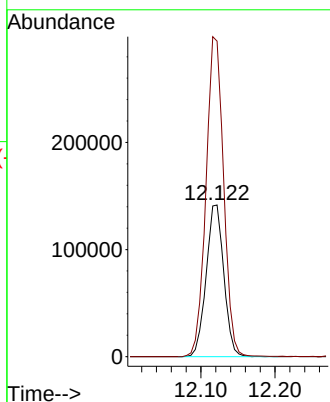
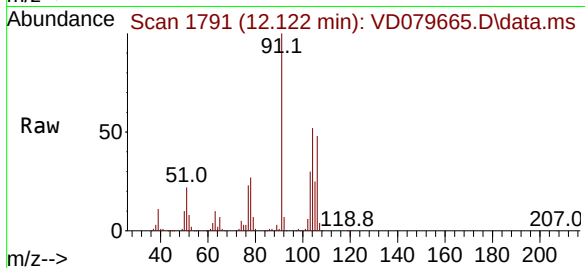




#69
o-Xylene
Concen: 47.287 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

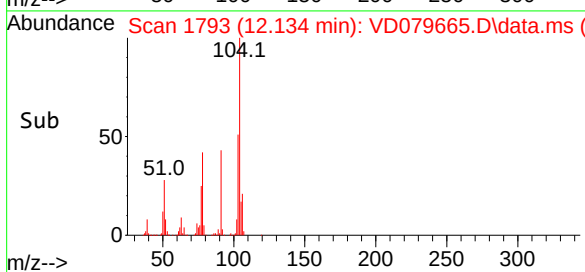
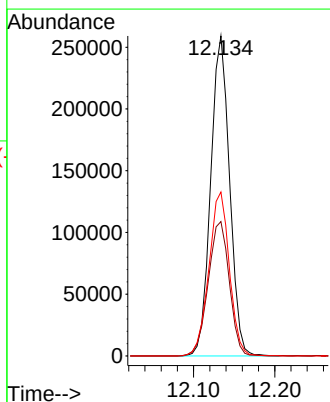
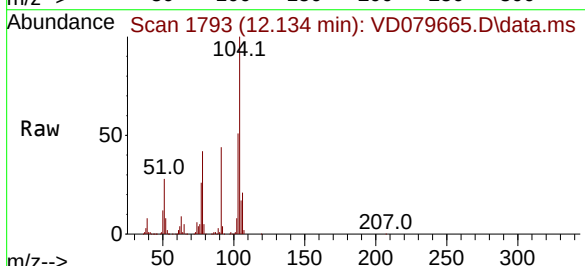
Instrument :
MSVOA_D
ClientSampleId :

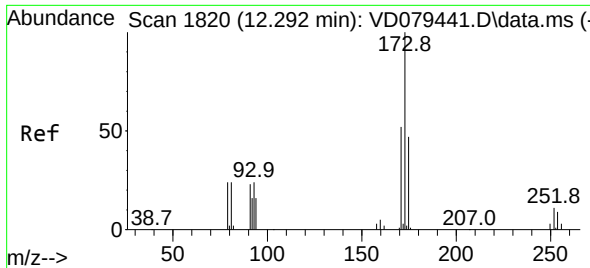
Tgt Ion:106 Resp: 234209
Ion Ratio Lower Upper
106 100
91 210.6 96.7 290.1



#70
Styrene
Concen: 48.327 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion:104 Resp: 419638
Ion Ratio Lower Upper
104 100
78 47.0 33.0 49.6
103 55.6 44.2 66.4

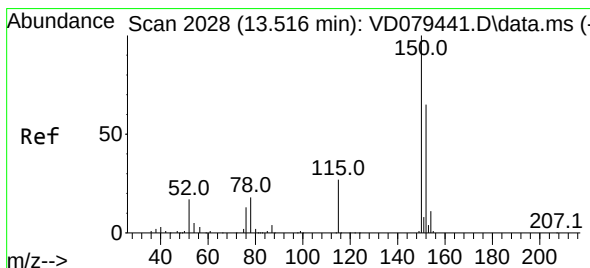
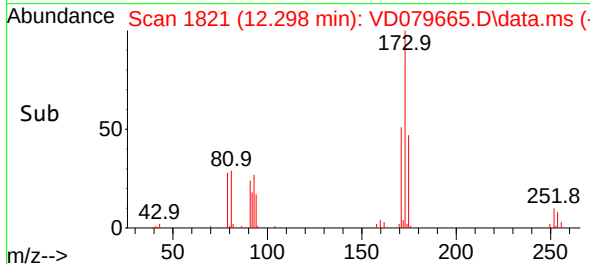
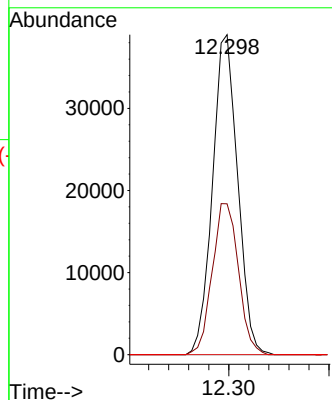
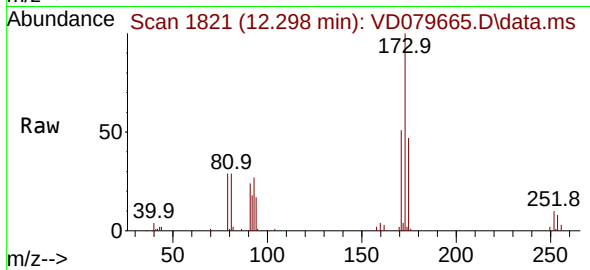




#71
Bromoform
Concen: 43.878 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

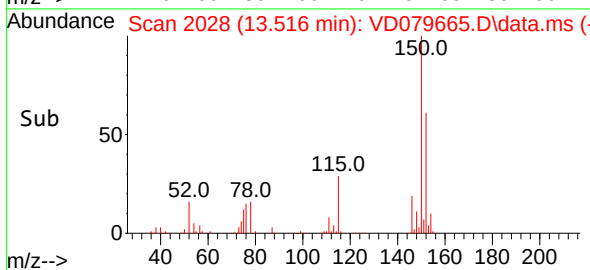
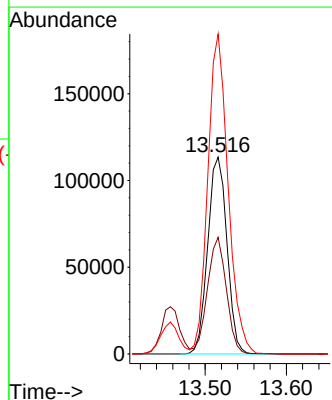
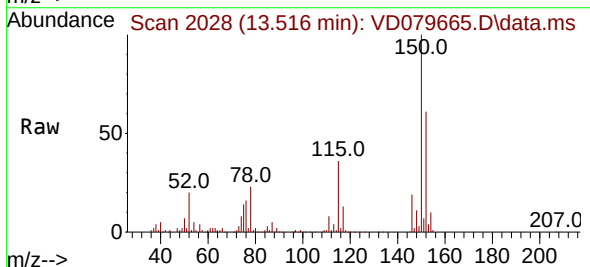
Instrument :
MSVOA_D
ClientSampleId :

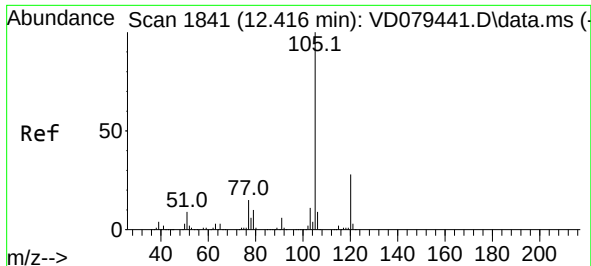
Tgt Ion:173 Resp: 67899
Ion Ratio Lower Upper
173 100
175 49.2 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

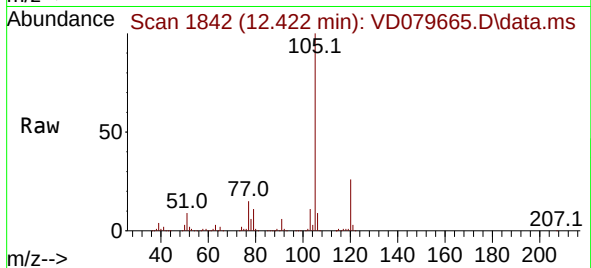
Tgt Ion:152 Resp: 186555
Ion Ratio Lower Upper
152 100
115 58.6 26.5 79.5
150 171.4 0.0 341.6



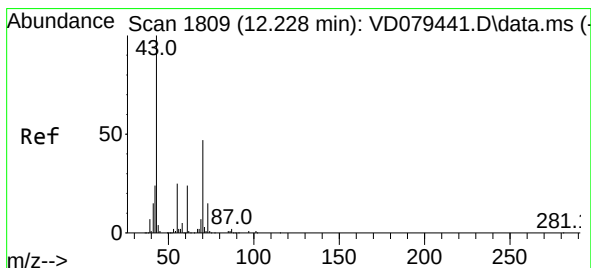
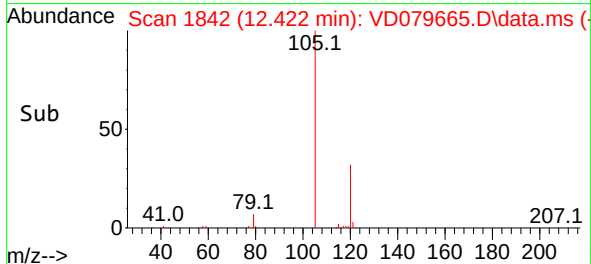
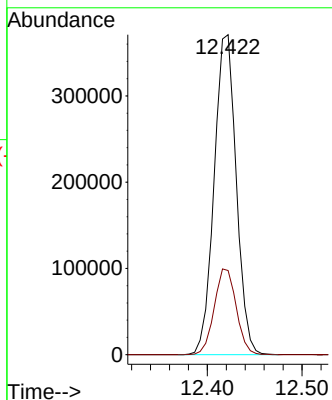


#73
Isopropylbenzene
Concen: 43.599 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Instrument :
MSVOA_D
ClientSampleId :

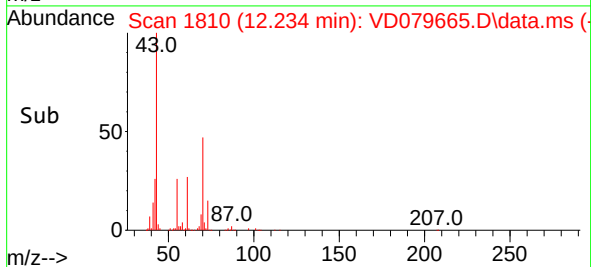
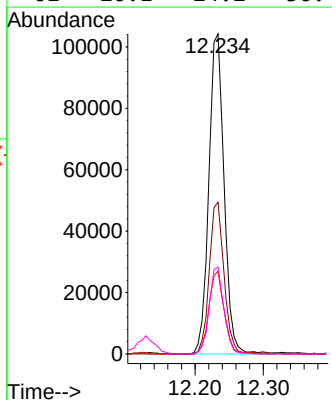
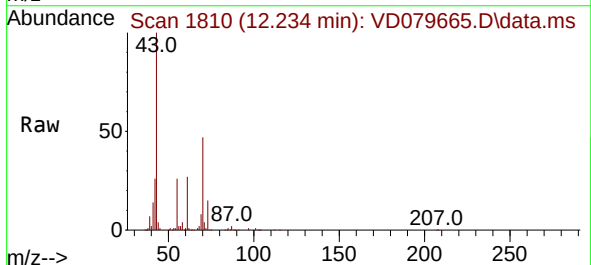


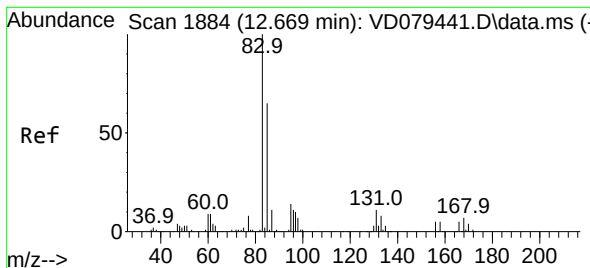
Tgt Ion:105 Resp: 602183
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7



#74
N-ethyl acetate
Concen: 59.293 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 43 Resp: 162695
Ion Ratio Lower Upper
43 100
70 45.8 44.3 66.5
55 26.0 23.2 34.8
61 26.1 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.577 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

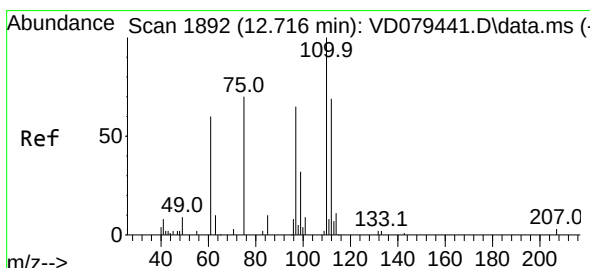
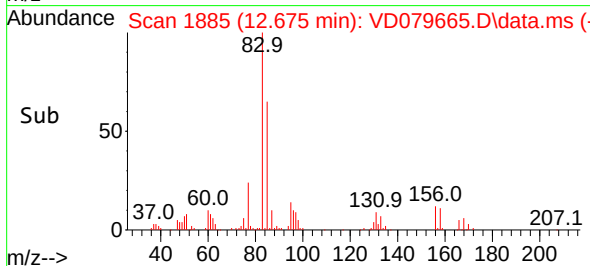
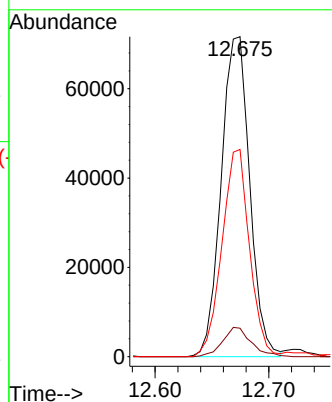
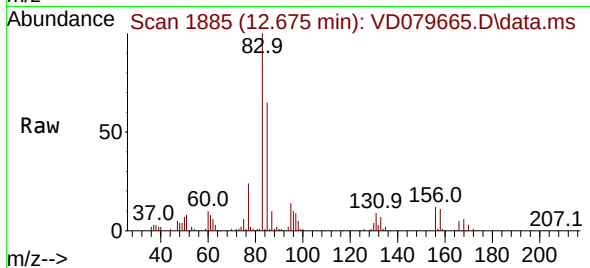
Tgt Ion: 83 Resp: 124998

Ion Ratio Lower Upper

83 100

131 9.2 5.5 16.5

85 62.5 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 93.202 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079665.D

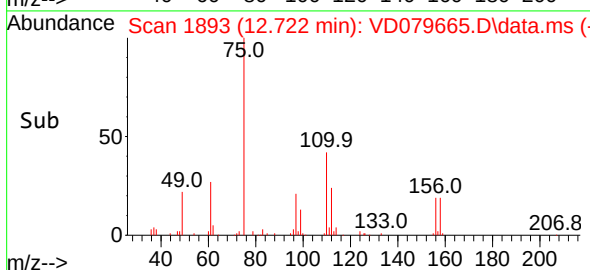
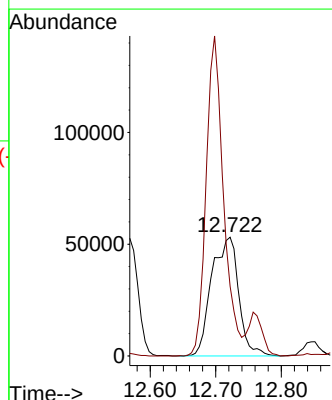
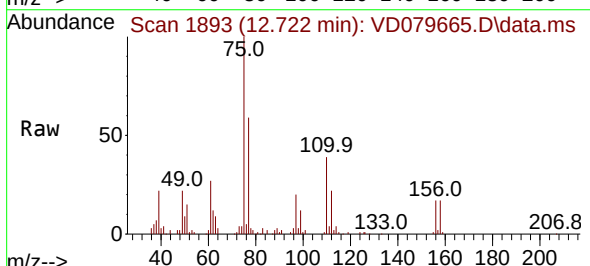
Acq: 08 Aug 2024 13:55

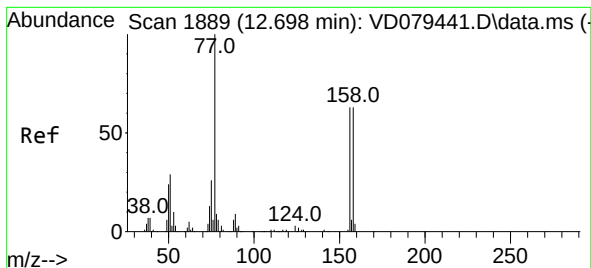
Tgt Ion: 75 Resp: 151982

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.558 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

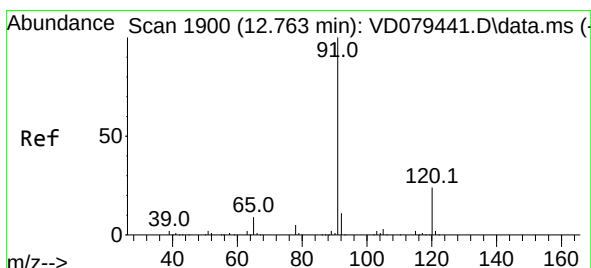
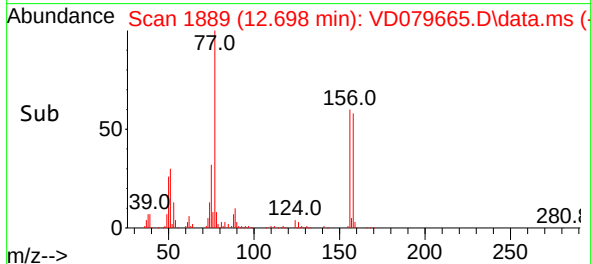
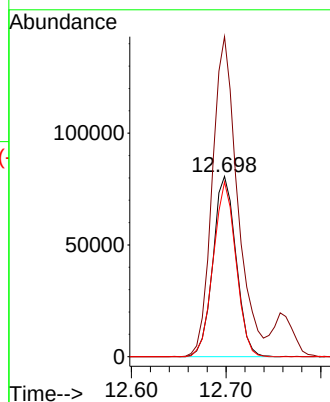
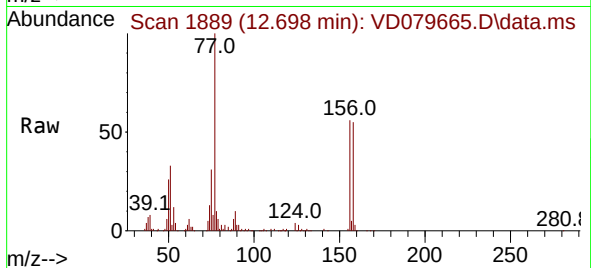
Tgt Ion:156 Resp: 136253

Ion Ratio Lower Upper

156 100

77 194.1 77.3 231.9

158 95.3 49.6 149.0



#78

n-propylbenzene

Concen: 48.050 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VD079665.D

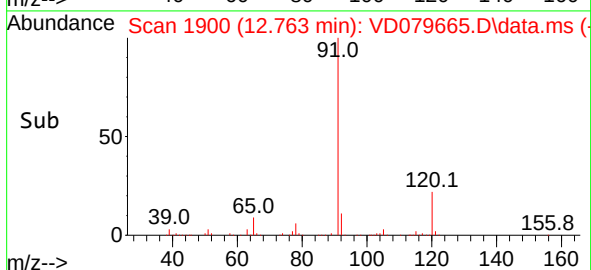
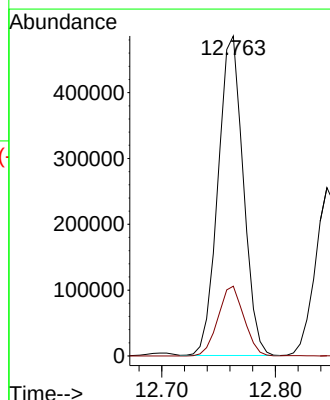
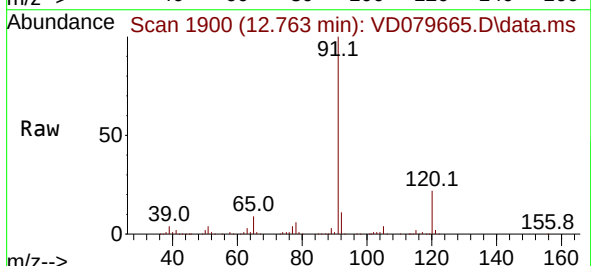
Acq: 08 Aug 2024 13:55

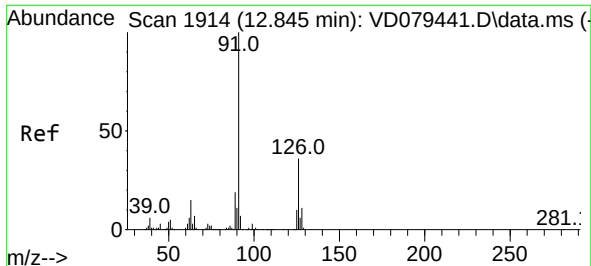
Tgt Ion: 91 Resp: 749306

Ion Ratio Lower Upper

91 100

120 22.4 12.3 36.8

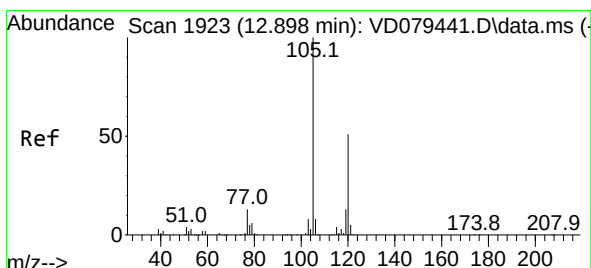
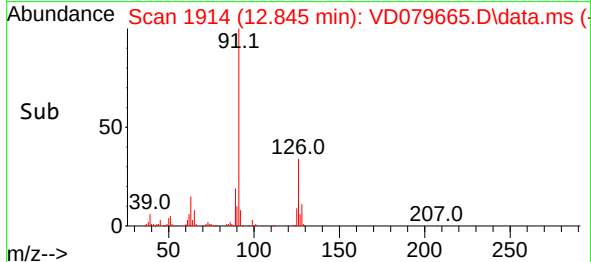
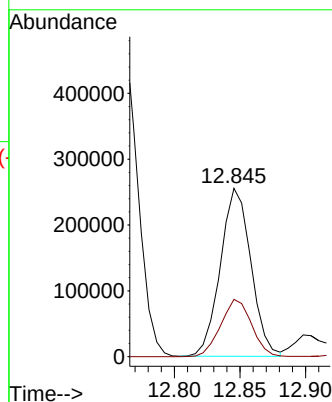
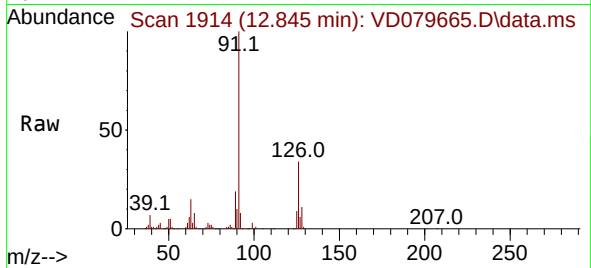




#79
2-Chlorotoluene
Concen: 47.722 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

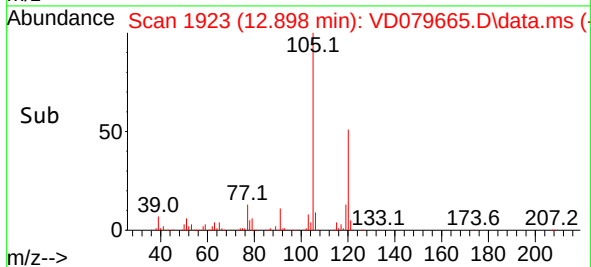
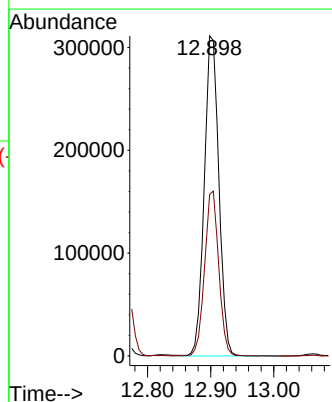
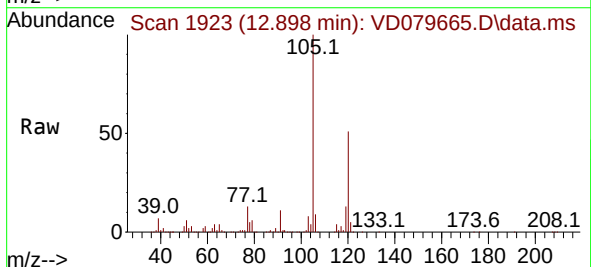
Instrument :
MSVOA_D
ClientSampleId :

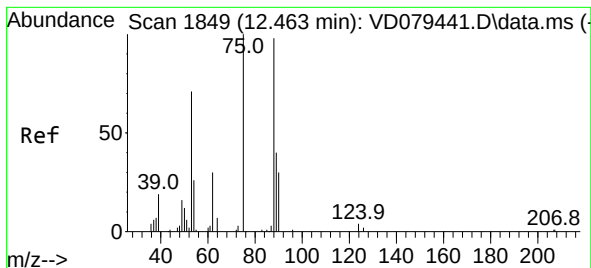
Tgt Ion: 91 Resp: 414374
Ion Ratio Lower Upper
91 100
126 34.6 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 48.077 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion:105 Resp: 499610
Ion Ratio Lower Upper
105 100
120 50.1 25.7 77.1

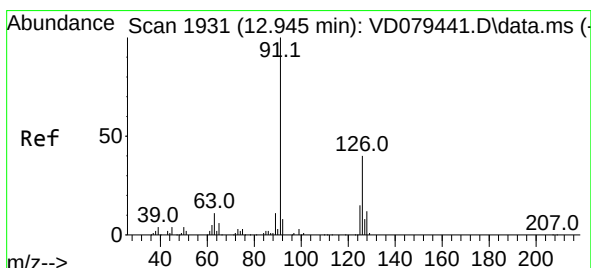
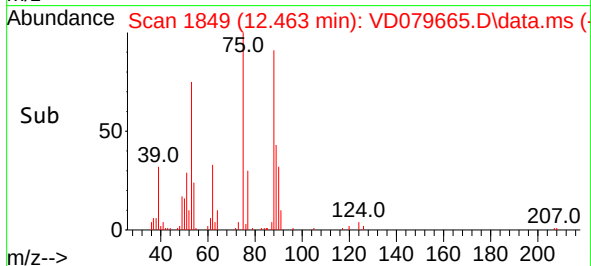
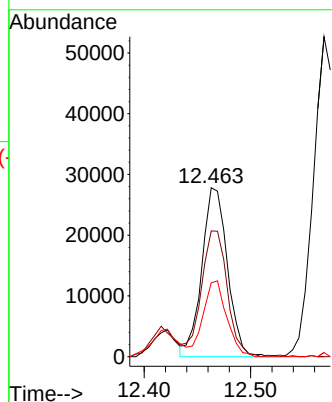
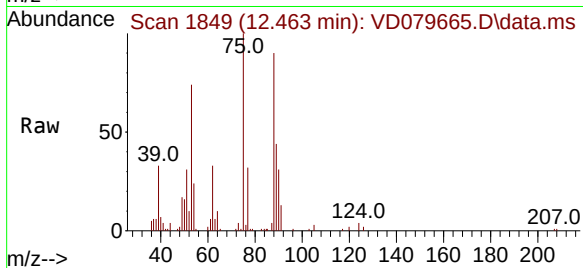




#81
trans-1,4-Dichloro-2-butene
Concen: 54.284 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

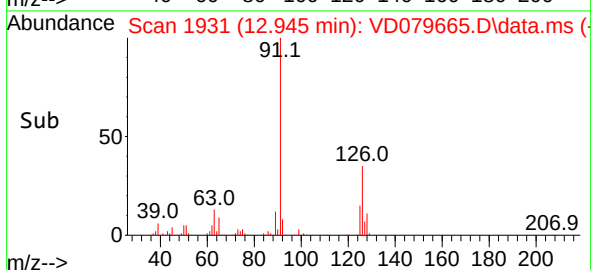
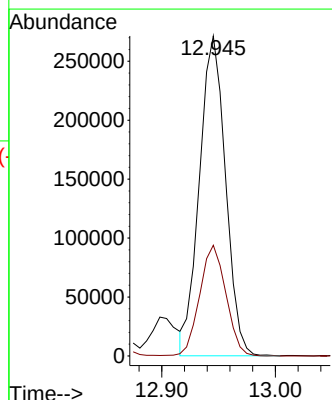
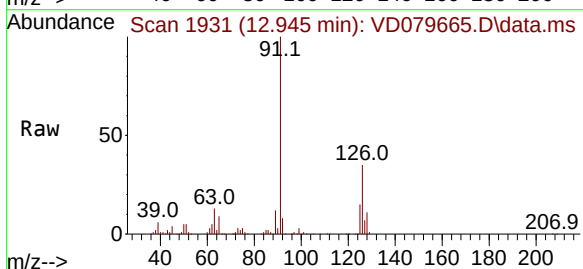
Instrument :
MSVOA_D
ClientSampleId :

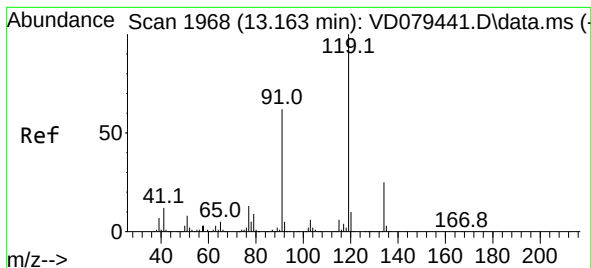
Tgt Ion: 75 Resp: 46412
Ion Ratio Lower Upper
75 100
53 76.0 61.4 92.2
89 41.8 35.4 53.0



#82
4-Chlorotoluene
Concen: 47.901 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Tgt Ion: 91 Resp: 433600
Ion Ratio Lower Upper
91 100
126 34.8 18.9 56.9





#83

tert-Butylbenzene

Concen: 42.690 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

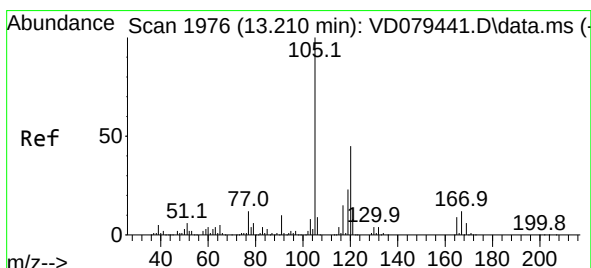
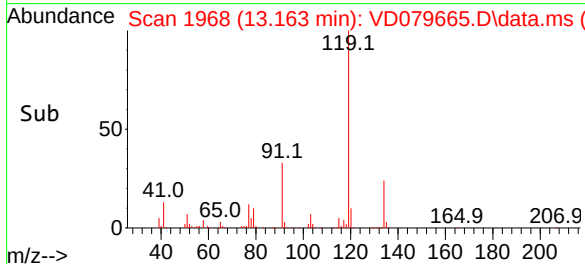
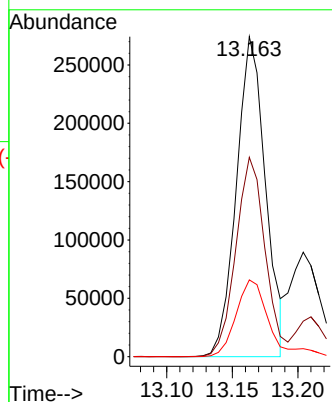
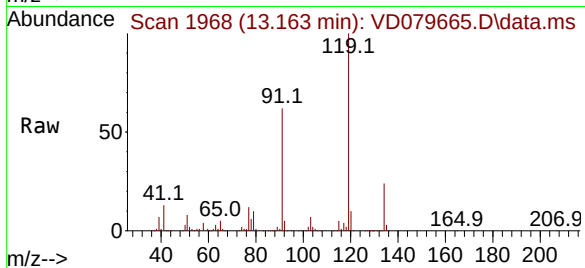
Tgt Ion:119 Resp: 423962

Ion Ratio Lower Upper

119 100

91 62.9 28.2 84.7

134 27.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 44.477 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079665.D

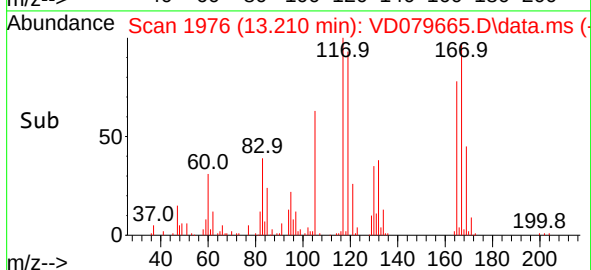
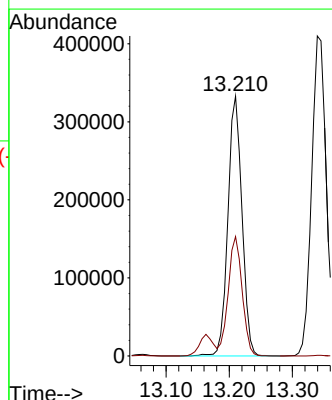
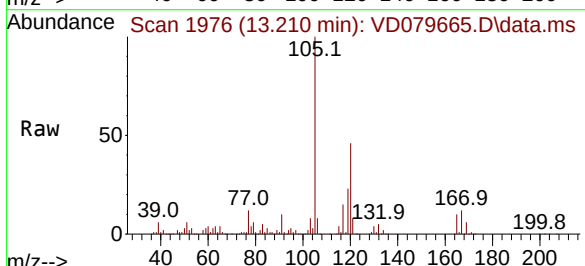
Acq: 08 Aug 2024 13:55

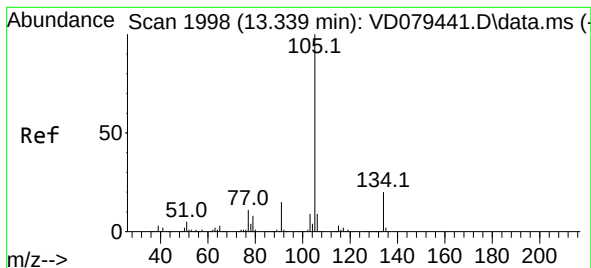
Tgt Ion:105 Resp: 515262

Ion Ratio Lower Upper

105 100

120 45.6 23.6 71.0





#85

sec-Butylbenzene

Concen: 47.647 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

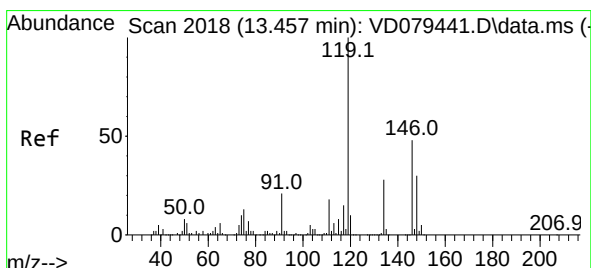
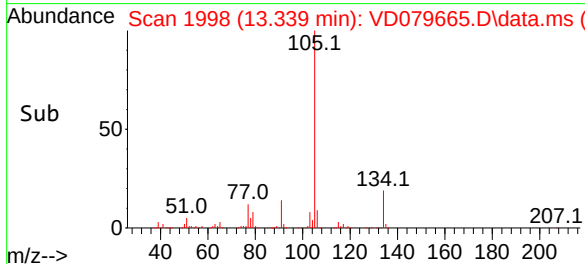
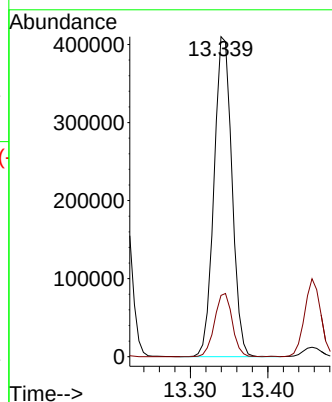
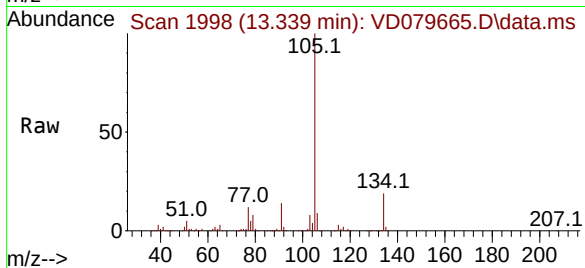
ClientSampleId :

Tgt Ion:105 Resp: 658584

Ion Ratio Lower Upper

105 100

134 19.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 42.926 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

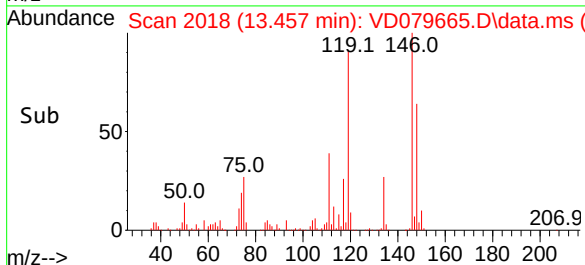
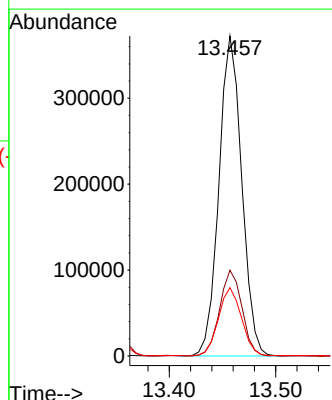
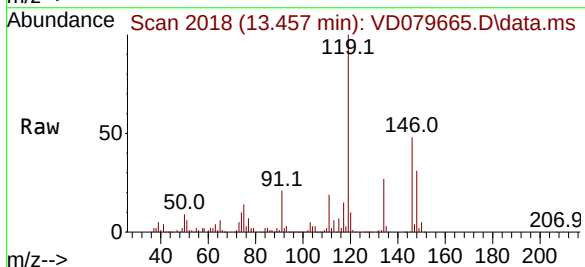
Tgt Ion:119 Resp: 553668

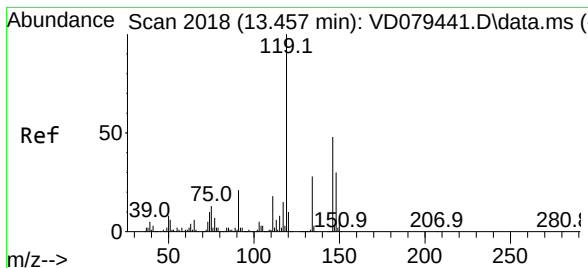
Ion Ratio Lower Upper

119 100

134 26.2 13.7 41.1

91 21.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 44.271 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

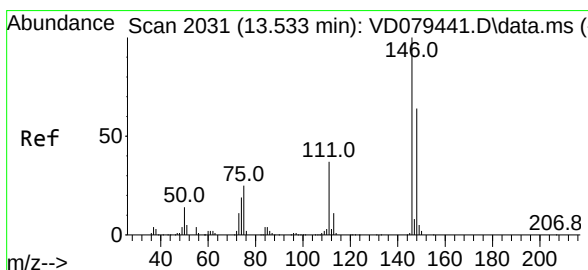
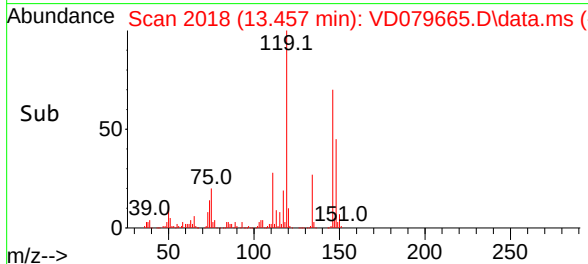
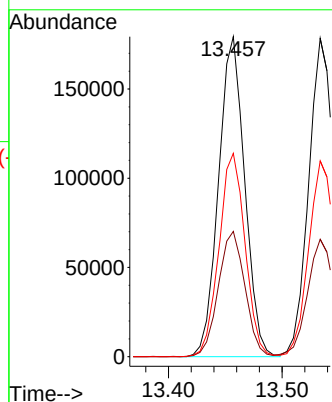
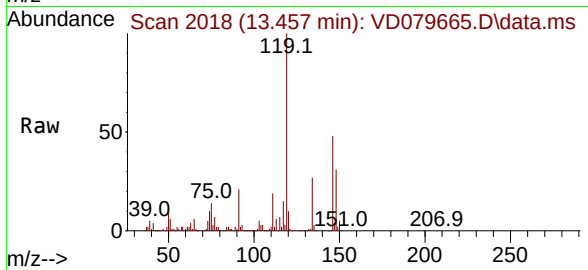
Tgt Ion:146 Resp: 286858

Ion Ratio Lower Upper

146 100

111 39.9 18.5 55.5

148 63.5 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 44.223 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

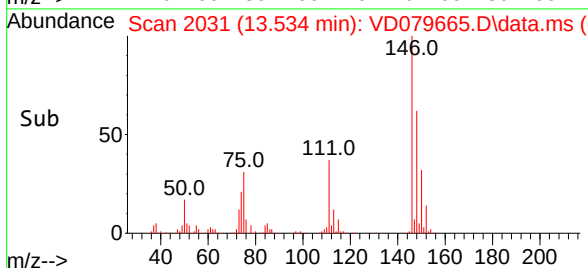
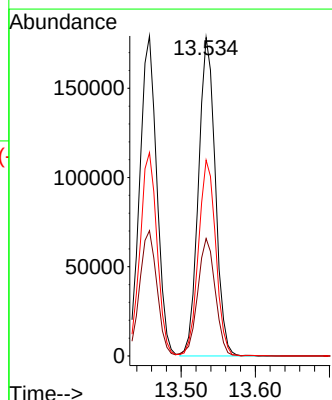
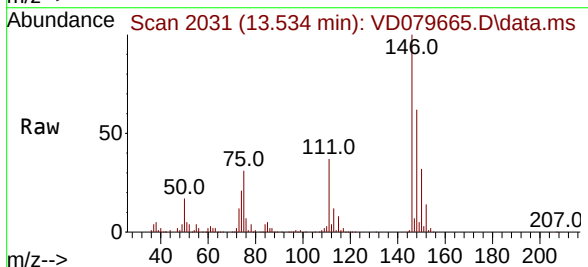
Tgt Ion:146 Resp: 281722

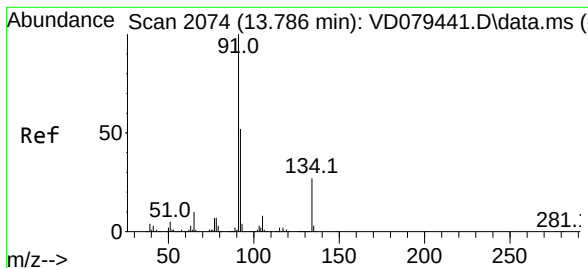
Ion Ratio Lower Upper

146 100

111 38.6 17.5 52.6

148 63.0 31.4 94.2





#89

n-Butylbenzene

Concen: 44.276 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.005 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

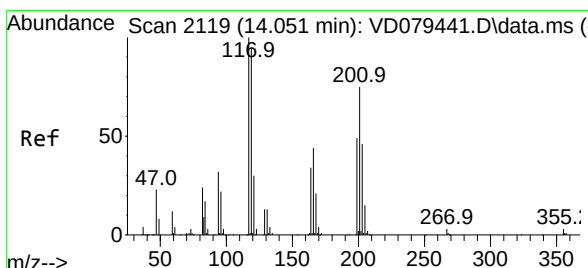
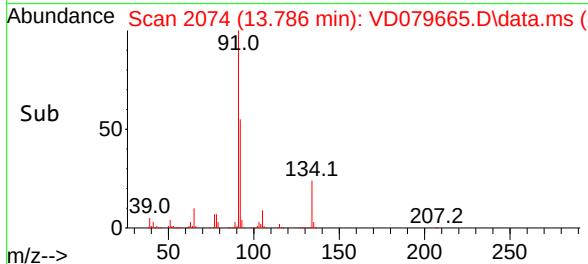
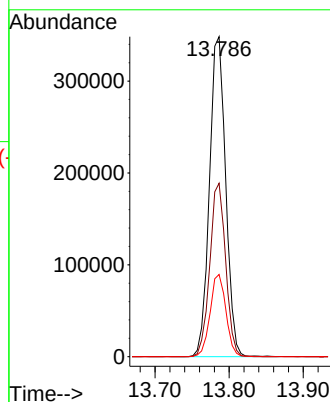
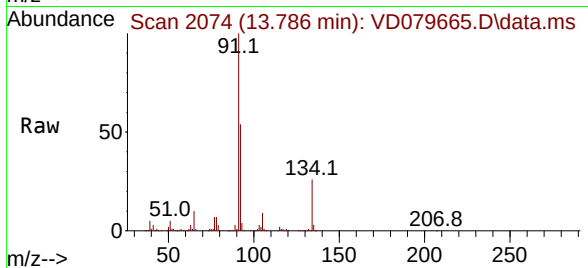
Tgt Ion: 91 Resp: 529103

Ion Ratio Lower Upper

91 100

92 52.9 25.7 77.0

134 25.1 13.6 40.8



#90

Hexachloroethane

Concen: 44.356 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.006 min

Lab File: VD079665.D

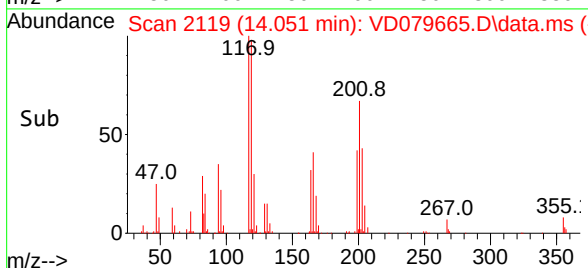
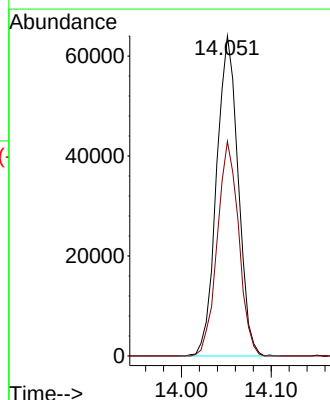
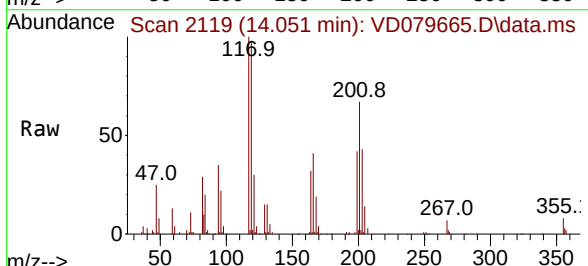
Acq: 08 Aug 2024 13:55

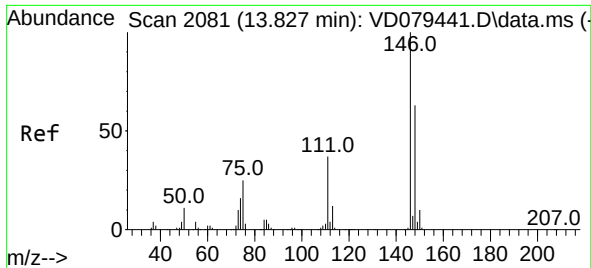
Tgt Ion: 117 Resp: 107235

Ion Ratio Lower Upper

117 100

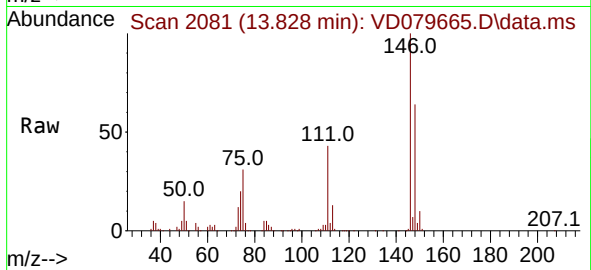
201 66.5 36.3 108.9



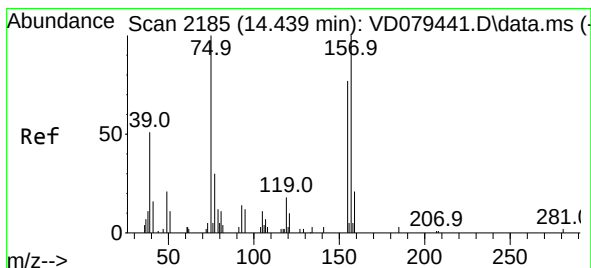
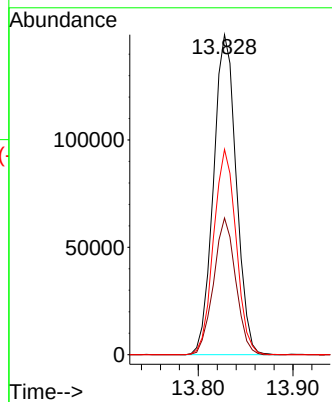
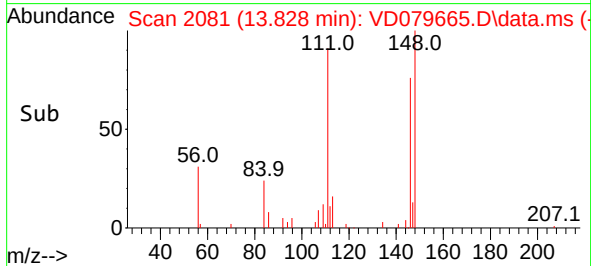


#91
1,2-Dichlorobenzene
Concen: 44.972 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

Instrument :
MSVOA_D
ClientSampleId :

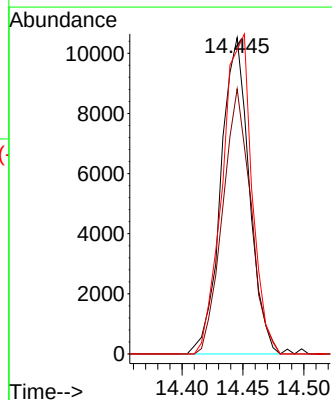
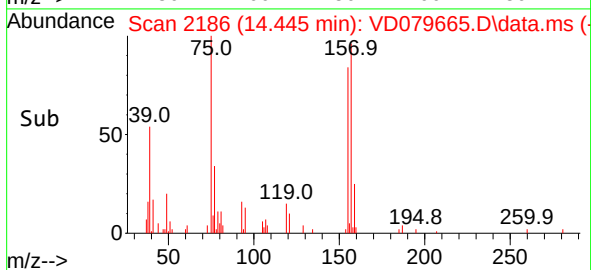
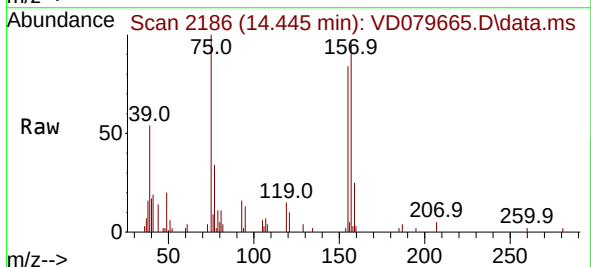


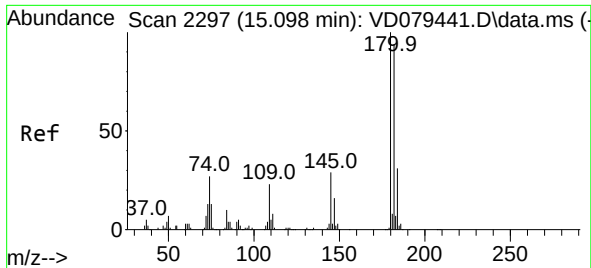
Tgt Ion:146 Resp: 249044
Ion Ratio Lower Upper
146 100
111 41.5 19.1 57.1
148 63.5 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.829 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079665.D
Acq: 08 Aug 2024 13:55

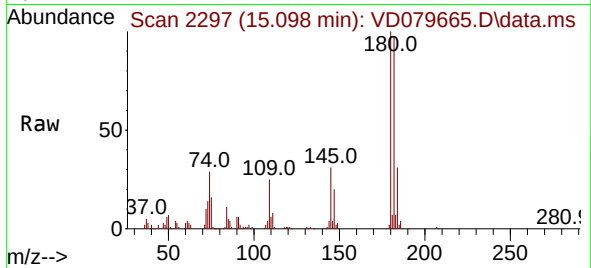
Tgt Ion: 75 Resp: 17036
Ion Ratio Lower Upper
75 100
155 83.1 47.7 143.1
157 105.9 63.4 190.2



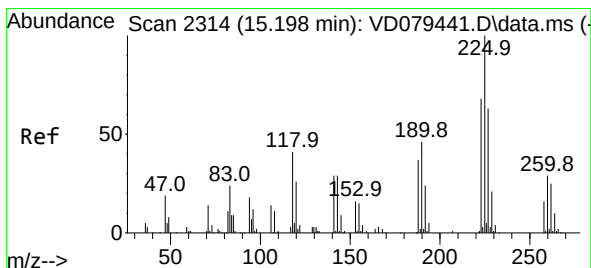
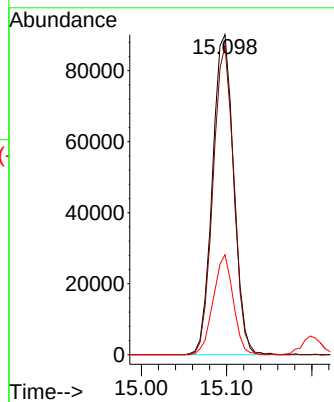
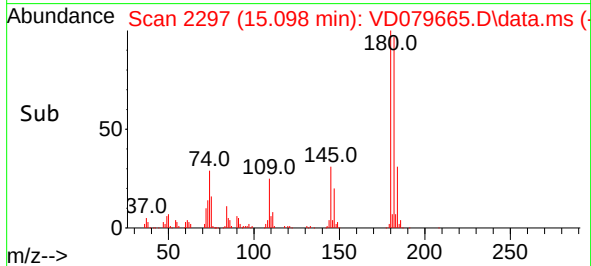


#93
 1,2,4-Trichlorobenzene
 Concen: 44.749 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD079665.D
 Acq: 08 Aug 2024 13:55

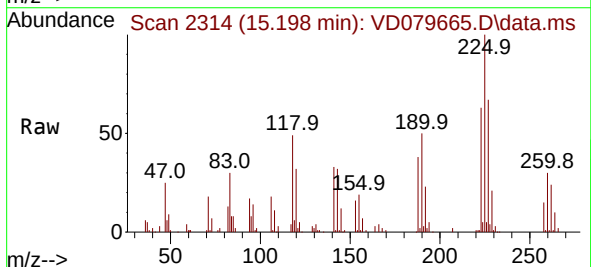
Instrument :
 MSVOA_D
 ClientSampleId :



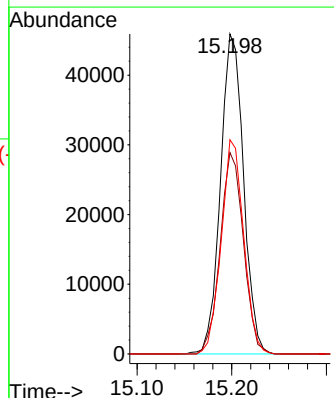
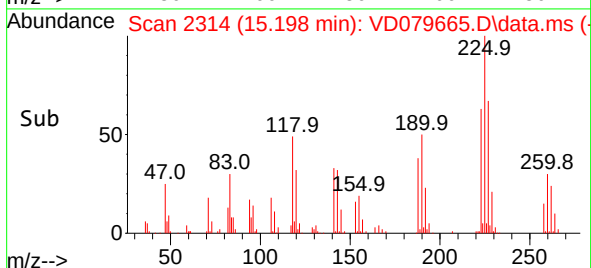
Tgt Ion:180 Resp: 156135
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.9 140.7
 145 29.4 14.0 41.9

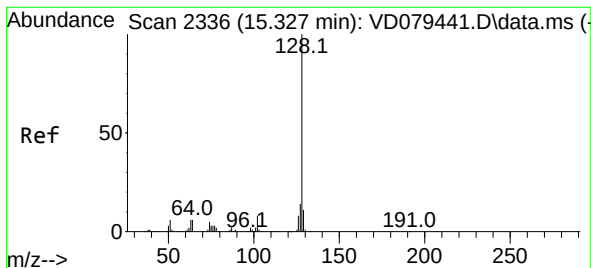


#94
 Hexachlorobutadiene
 Concen: 41.170 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.000 min
 Lab File: VD079665.D
 Acq: 08 Aug 2024 13:55



Tgt Ion:225 Resp: 77528
 Ion Ratio Lower Upper
 225 100
 223 63.6 33.3 99.9
 227 65.4 33.6 100.6





#95

Naphthalene

Concen: 53.431 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

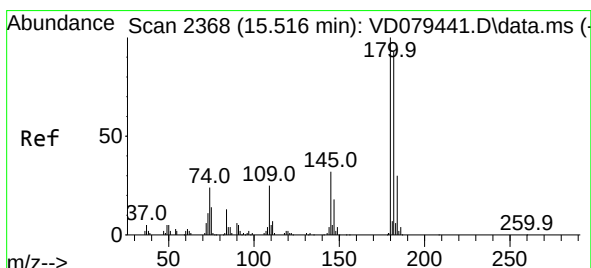
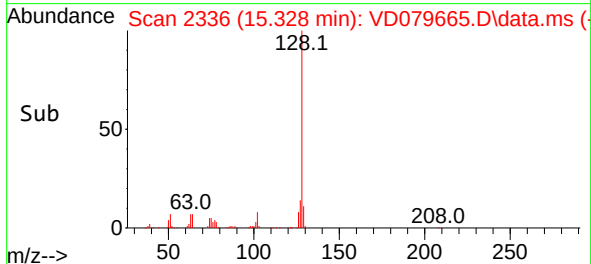
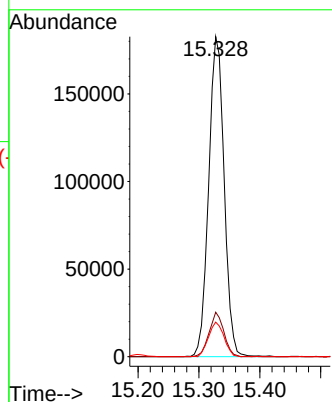
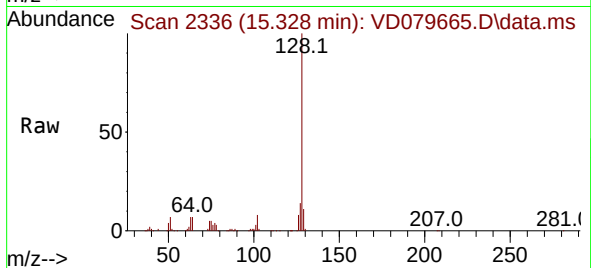
Tgt Ion:128 Resp: 322667

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 45.359 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079665.D

Acq: 08 Aug 2024 13:55

Tgt Ion:180 Resp: 139217

Ion Ratio Lower Upper

180 100

182 94.4 47.8 143.3

145 31.7 16.1 48.2

