

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079611.D
 Acq On : 06 Aug 2024 06:55
 Operator : RP/MD
 Sample : P3374-19MS
 Misc : 7.36G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 08:10:56 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	7.875	168	63152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	155140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	110308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	27108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79744	124.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	248.600%#
35) Dibromofluoromethane	7.805	113	79289	75.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	151.020%#
50) Toluene-d8	10.269	98	206317	50.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.569	95	32664	27.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	39365	79.555	ug/l	96
3) Chloromethane	2.146	50	99150	108.751	ug/l	97
4) Vinyl Chloride	2.281	62	115497	106.543	ug/l	97
5) Bromomethane	2.693	94	72630	109.272	ug/l	98
6) Chloroethane	2.834	64	75189	107.939	ug/l	92
7) Trichlorofluoromethane	3.175	101	84832	78.689	ug/l	99
8) Diethyl Ether	3.599	74	37277	114.468	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.964	101	46437	68.105	ug/l	99
10) Methyl Iodide	4.164	142	63334	72.782	ug/l	97
11) Tert butyl alcohol	5.052	59	16523	505.892	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	82356	120.695	ug/l	93
13) Acrolein	3.787	56	53	Below Cal	#	15
14) Allyl chloride	4.564	41	35980	39.932	ug/l	91
15) Acrylonitrile	5.252	53	81143	533.225	ug/l	96
16) Acetone	4.022	43	102110	818.958	ug/l	91
17) Carbon Disulfide	4.269	76	204296	90.704	ug/l	100
18) Methyl Acetate	4.564	43	75575	195.227	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	163133	117.125	ug/l	96
20) Methylene Chloride	4.799	84	141197	155.750	ug/l #	87
21) trans-1,2-Dichloroethene	5.311	96	181100	236.257	ug/l	87
22) Diisopropyl ether	6.211	45	218944	109.211	ug/l #	93
23) Vinyl Acetate	6.164	43	120049	79.659	ug/l #	89
24) 1,1-Dichloroethane	6.111	63	216178	160.908	ug/l	96
25) 2-Butanone	7.087	43	146769	830.304	ug/l #	1
26) 2,2-Dichloropropane	7.075	77	90927	83.672	ug/l #	1
27) cis-1,2-Dichloroethene	7.075	96	19365871	22102.707	ug/l	98
28) Bromochloromethane	7.428	49	60481	102.661	ug/l #	68
29) Tetrahydrofuran	7.446	42	61309	559.661	ug/l #	81
30) Chloroform	7.593	83	145013	106.586	ug/l	99
31) Cyclohexane	7.875	56	49930	46.860	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	97367	86.729	ug/l	96
36) 1,1-Dichloropropene	8.010	75	66486	46.389	ug/l	96
37) Ethyl Acetate	7.169	43	38604	65.695	ug/l #	64
38) Carbon Tetrachloride	7.993	117	62655	41.586	ug/l	94
39) Methylcyclohexane	9.275	83	38358	22.431	ug/l	93
40) Benzene	8.252	78	312269	68.598	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	22833	70.641	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	87942	81.071	ug/l	96
43) Isopropyl Acetate	8.363	43	64920	58.783	ug/l #	82
44) Trichloroethene	9.028	130	497177	438.743	ug/l	90
45) 1,2-Dichloropropane	9.305	63	80764	72.905	ug/l	96
46) Dibromomethane	9.393	93	44785	72.924	ug/l	91
47) Bromodichloromethane	9.587	83	91247	60.510	ug/l	98
48) Methyl methacrylate	9.381	41	34799	70.408	ug/l	85
49) 1,4-Dioxane	9.387	88	9482	1490.032	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	198113	351.360	ug/l	93
52) Toluene	10.334	92	151956	53.974	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	61531	44.185	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	74680	44.583	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	56711	70.100	ug/l	95
56) Ethyl methacrylate	10.599	69	56431	58.870	ug/l #	88
57) 1,3-Dichloropropane	10.875	76	93096	67.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	13979	31.622	ug/l	92
59) 2-Hexanone	10.922	43	103705	263.720	ug/l	96
60) Dibromochloromethane	11.069	129	58221	55.090	ug/l	99
61) 1,2-Dibromoethane	11.181	107	47576	62.773	ug/l	96
64) Tetrachloroethene	10.810	164	60455	81.278	ug/l	94
65) Chlorobenzene	11.604	112	146545	59.995	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	54096	67.312	ug/l	98
67) Ethyl Benzene	11.681	91	206826	51.723	ug/l	99
68) m/p-Xylenes	11.793	106	159305	100.416	ug/l	91
69) o-Xylene	12.116	106	79858	54.918	ug/l	88
70) Styrene	12.134	104	66892	26.239	ug/l #	85
71) Bromoform	12.293	173	29708	65.389	ug/l #	97
73) Isopropylbenzene	12.416	105	151905	73.019	ug/l	98
74) N-amyl acetate	12.234	43	9954	24.965	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	57105	162.157	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	53453	225.587	ug/l #	100
77) Bromobenzene	12.698	156	45585	100.288	ug/l	86
78) n-propylbenzene	12.757	91	156712	69.159	ug/l	98
79) 2-Chlorotoluene	12.845	91	105126	83.319	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	117543	77.841	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	7969	64.144	ug/l	97
82) 4-Chlorotoluene	12.945	91	102226	77.719	ug/l	98
83) tert-Butylbenzene	13.163	119	92543	62.307	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	115914	66.979	ug/l	100
85) sec-Butylbenzene	13.340	105	104988	52.272	ug/l	99
86) p-Isopropyltoluene	13.457	119	86017	45.626	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	62097	65.952	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	61026	65.926	ug/l	98
89) n-Butylbenzene	13.787	91	53446	31.932	ug/l	98
90) Hexachloroethane	14.051	117	18737	53.337	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	58832	73.112	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5960	127.193	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	14387	28.377	ug/l	97
94) Hexachlorobutadiene	15.198	225	4635	16.939	ug/l	94
95) Naphthalene	15.322	128	43986	50.126	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	13159	29.506	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

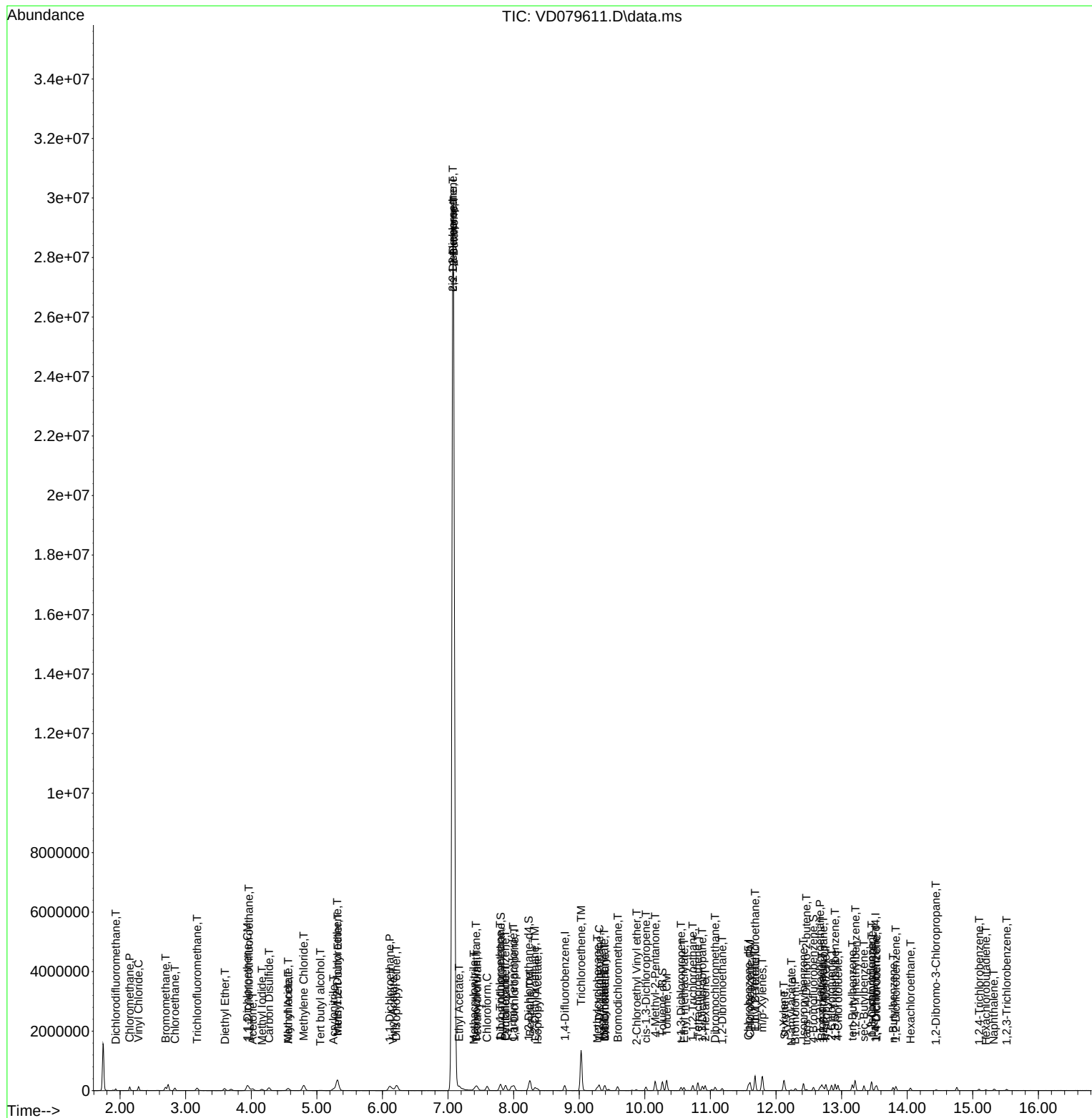
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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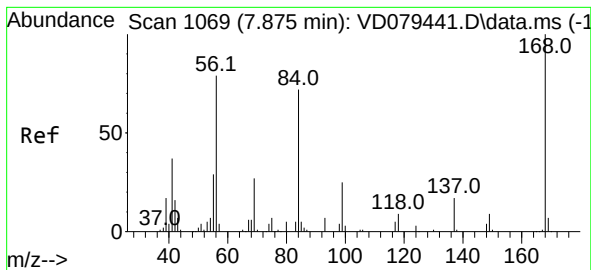
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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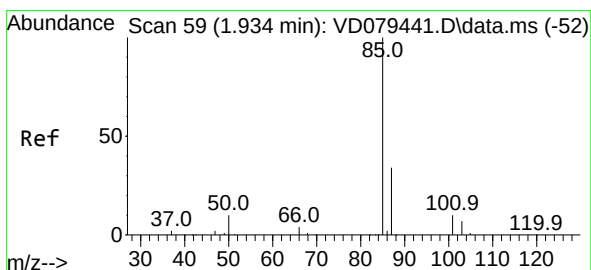
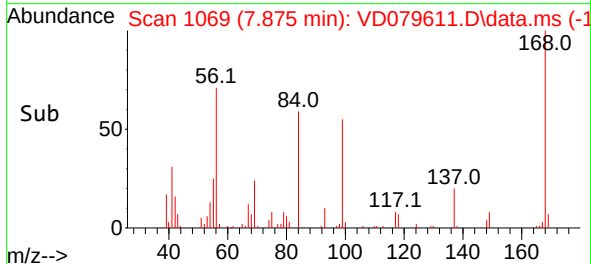
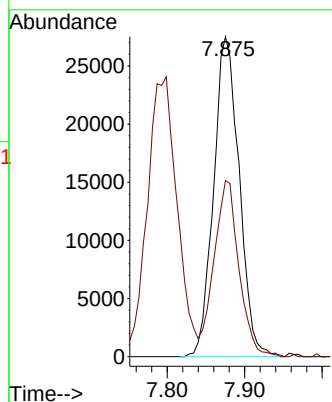
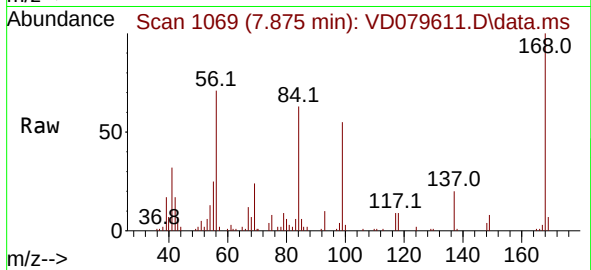




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079611.D
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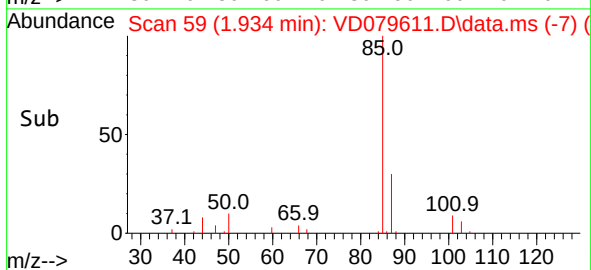
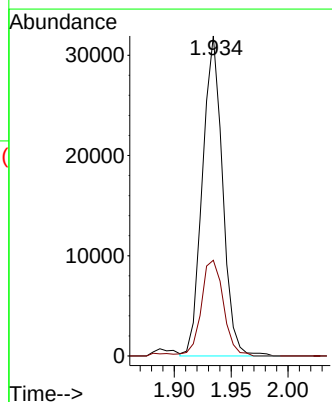
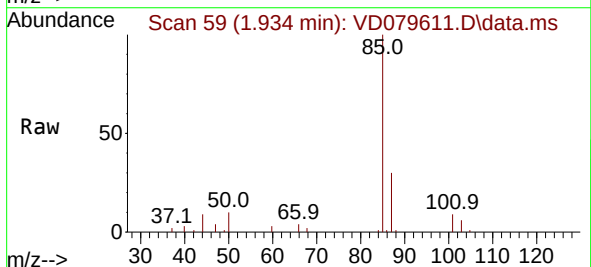
Instrument :
MSVOA_D
ClientSampleId :

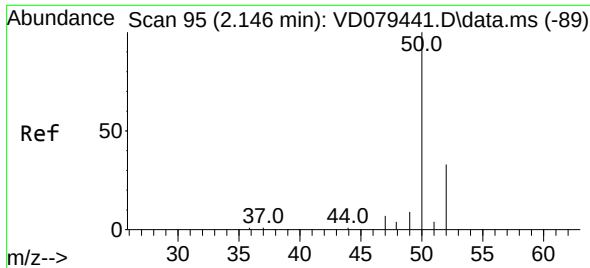
Tgt Ion:168 Resp: 63152
Ion Ratio Lower Upper
168 100
99 54.5 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 79.555 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 85 Resp: 39365
Ion Ratio Lower Upper
85 100
87 29.9 16.0 48.0

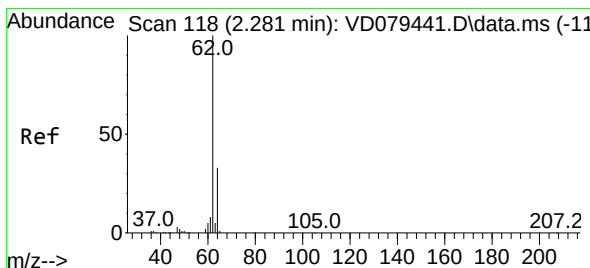
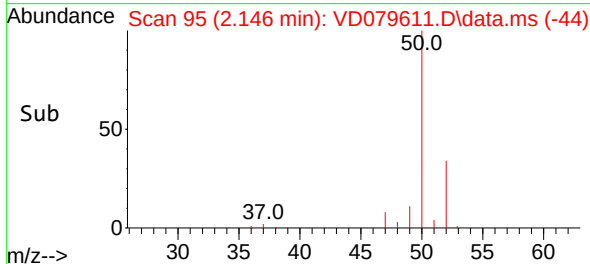
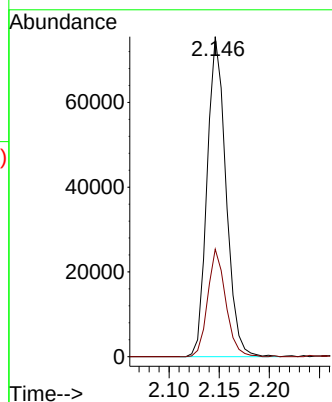
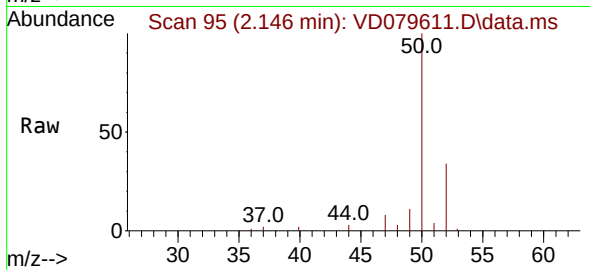




#3
 Chloromethane
 Concen: 108.751 ug/l
 RT: 2.146 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

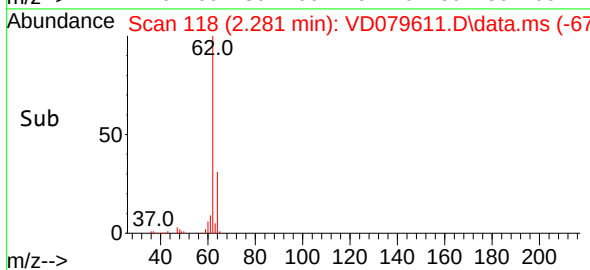
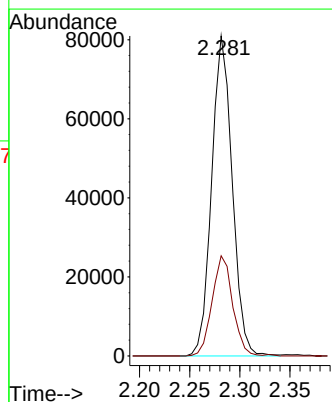
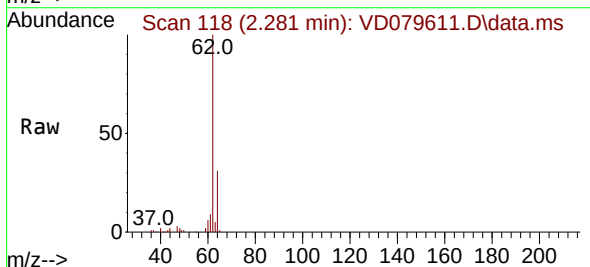
Instrument :
 MSVOA_D
 ClientSampleId :

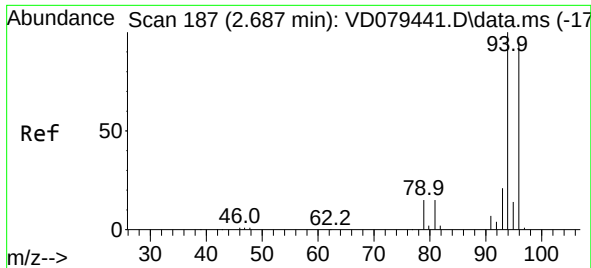
Tgt Ion: 50 Resp: 99150
 Ion Ratio Lower Upper
 50 100
 52 33.6 28.2 42.2



#4
 Vinyl Chloride
 Concen: 106.543 ug/l
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

Tgt Ion: 62 Resp: 115497
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.3 39.5

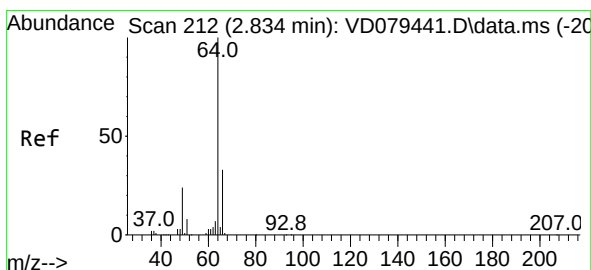
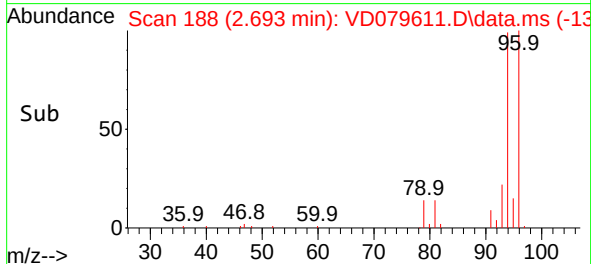
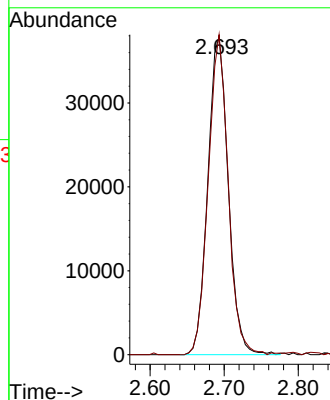
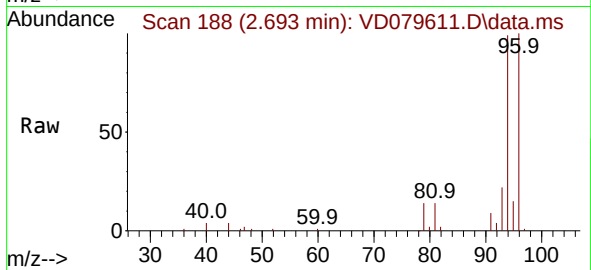




#5
Bromomethane
Concen: 109.272 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

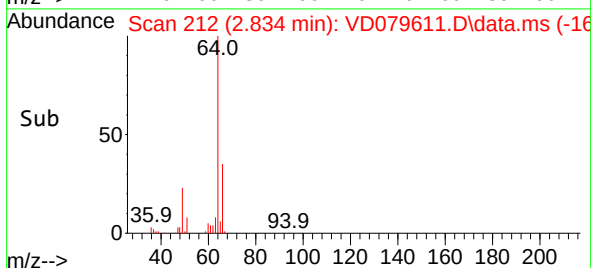
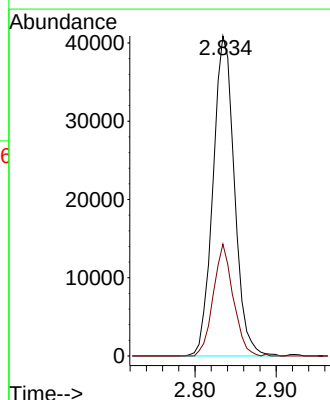
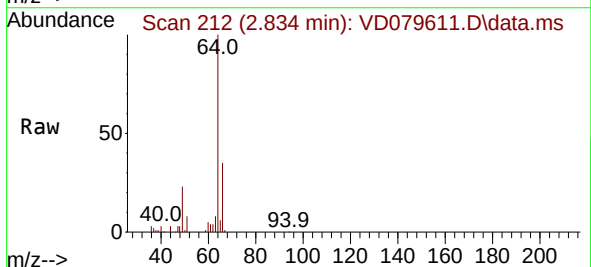
Instrument :
MSVOA_D
ClientSampleId :

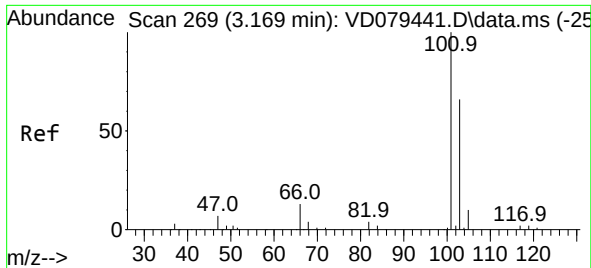
Tgt Ion: 94 Resp: 72630
Ion Ratio Lower Upper
94 100
96 97.8 76.9 115.3



#6
Chloroethane
Concen: 107.939 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 64 Resp: 75189
Ion Ratio Lower Upper
64 100
66 34.9 24.5 36.7

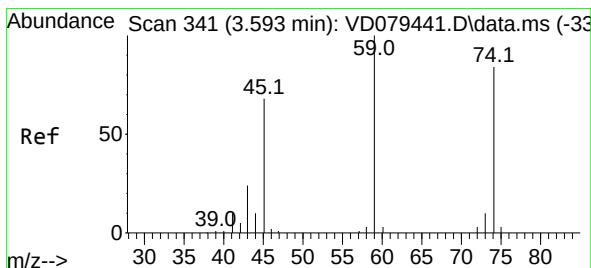
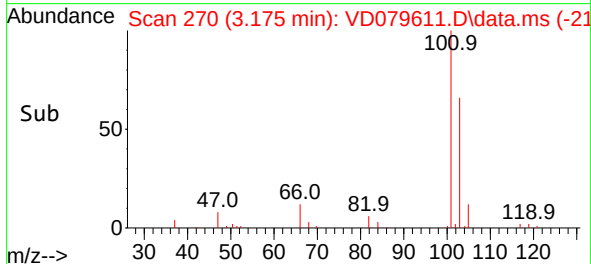
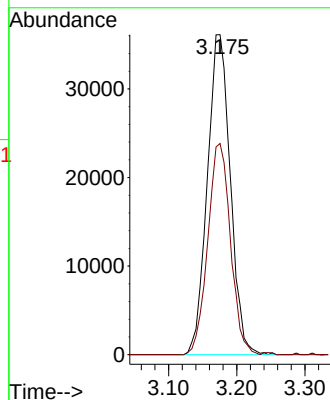
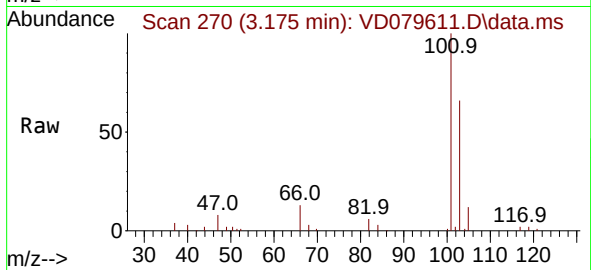




#7
 Trichlorofluoromethane
 Concen: 78.689 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

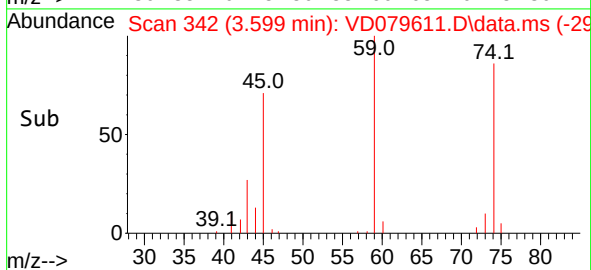
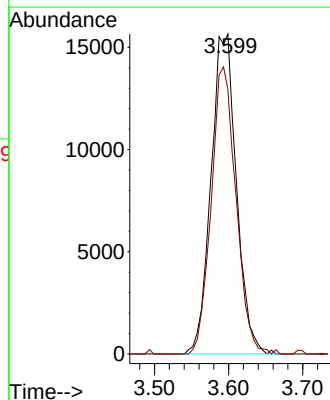
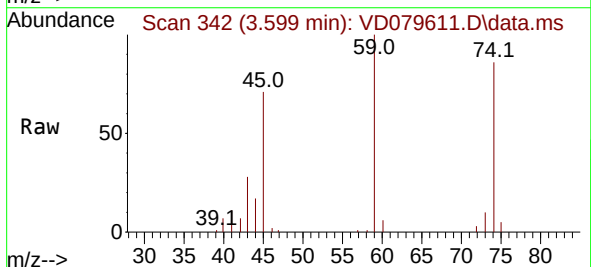
Instrument :
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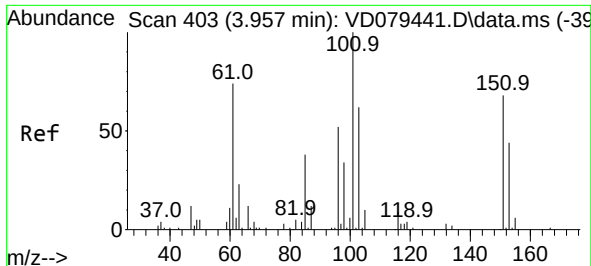
Tgt Ion:101 Resp: 84832
 Ion Ratio Lower Upper
 101 100
 103 66.0 53.2 79.8



#8
 Diethyl Ether
 Concen: 114.468 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

Tgt Ion: 74 Resp: 37277
 Ion Ratio Lower Upper
 74 100
 45 87.4 37.9 113.6

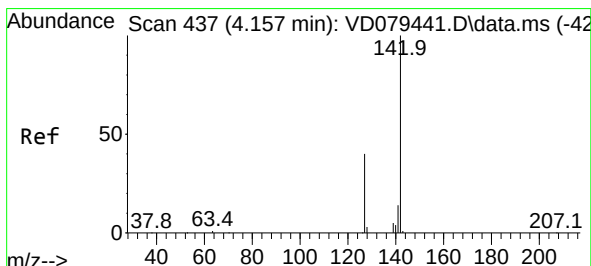
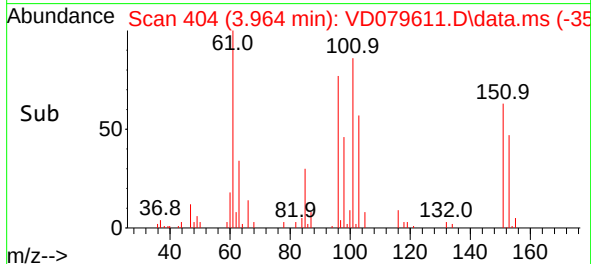
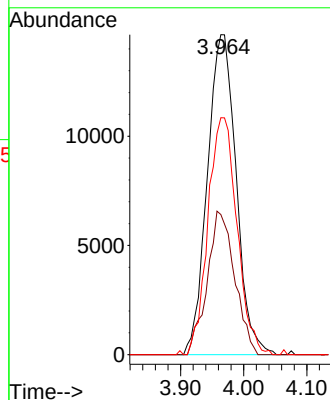
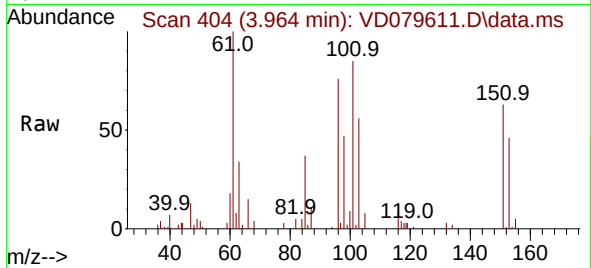




#9
1,1,2-Trichlorotrifluoroethane
Concen: 68.105 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

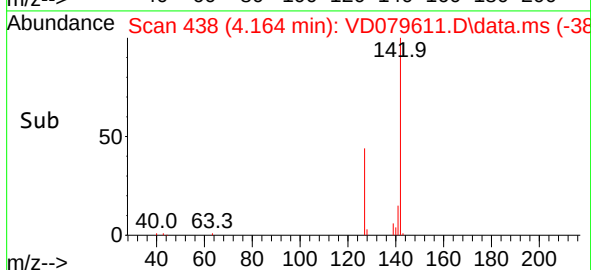
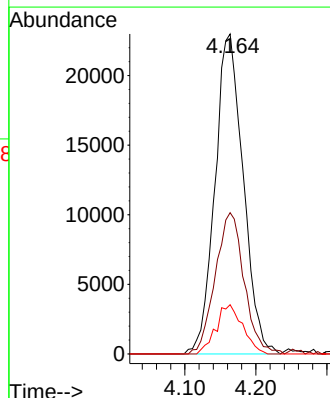
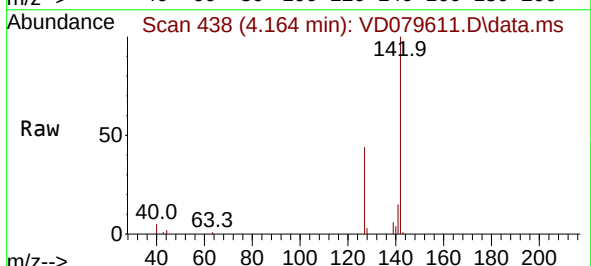
Instrument :
MSVOA_D
ClientSampleId :

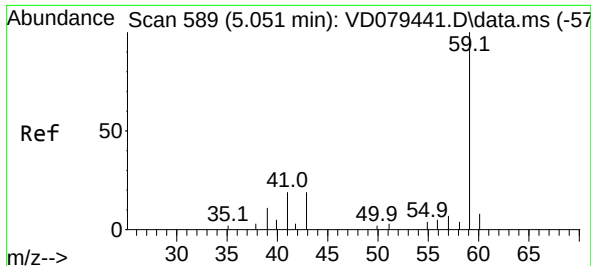
Tgt Ion:101 Resp: 46437
Ion Ratio Lower Upper
101 100
85 42.6 33.5 50.3
151 74.6 60.3 90.5



#10
Methyl Iodide
Concen: 72.782 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.012 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion:142 Resp: 63334
Ion Ratio Lower Upper
142 100
127 45.1 34.2 51.4
141 14.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 505.892 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

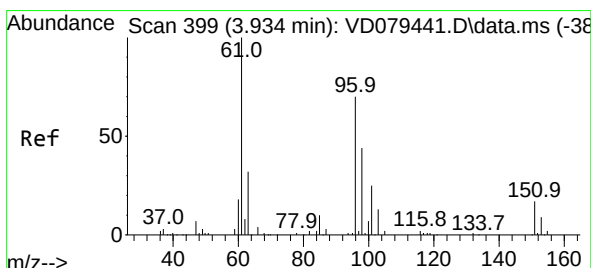
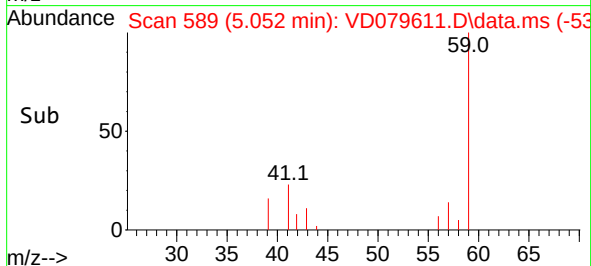
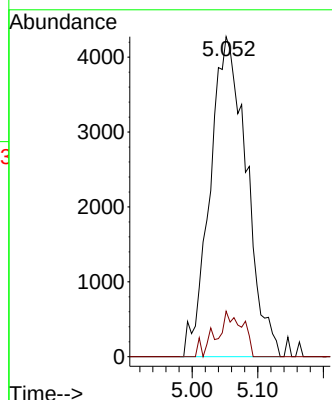
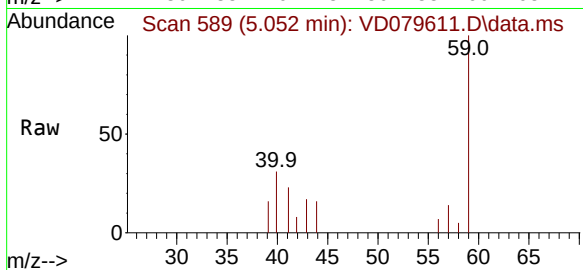
ClientSampleId :

Tgt Ion: 59 Resp: 16523

Ion Ratio Lower Upper

59 100

57 7.9 3.6 5.4#



#12

1,1-Dichloroethene

Concen: 120.695 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.012 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

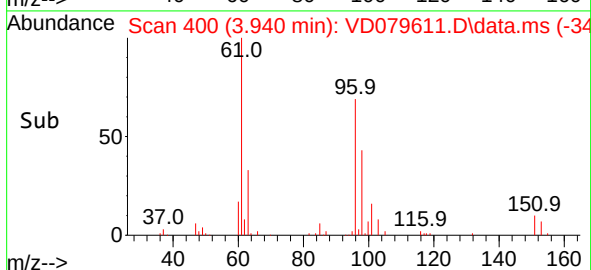
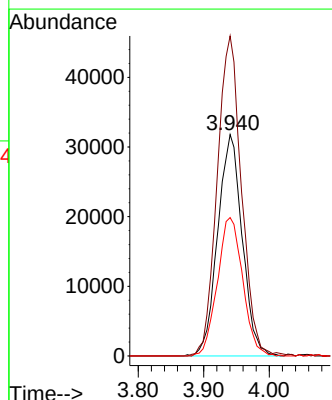
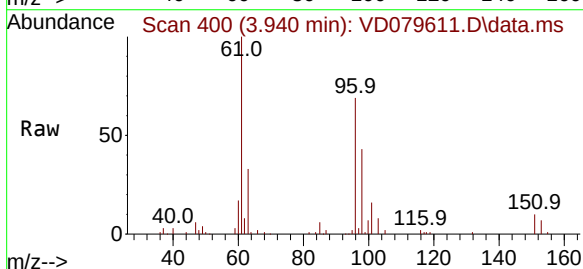
Tgt Ion: 96 Resp: 82356

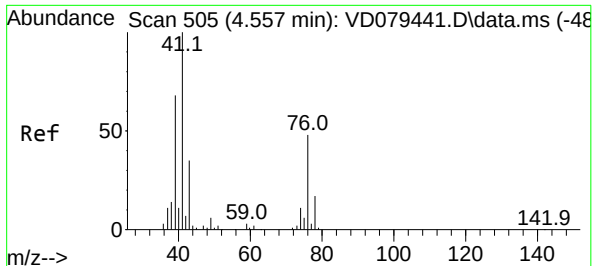
Ion Ratio Lower Upper

96 100

61 144.5 107.3 160.9

98 62.5 51.7 77.5

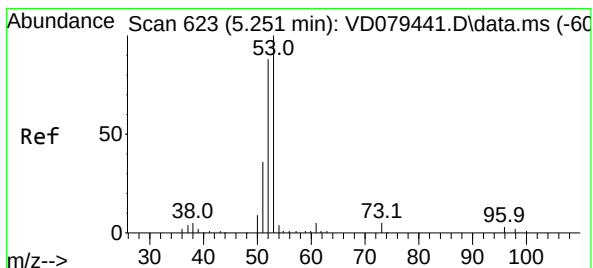
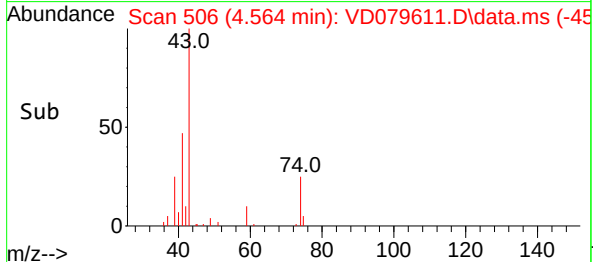
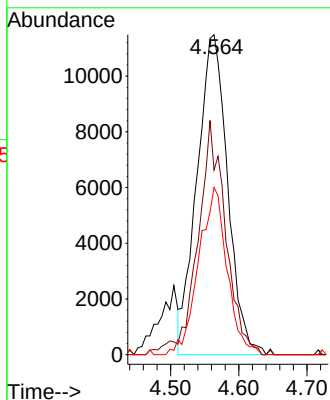
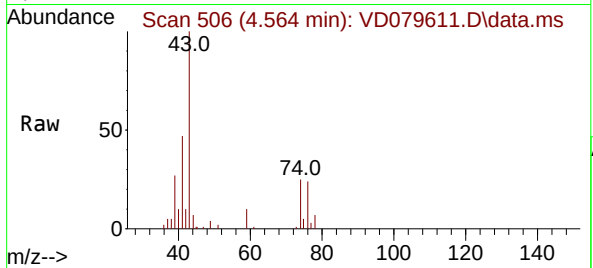




#14
 Allyl chloride
 Concen: 39.932 ug/l
 RT: 4.564 min Scan# 505
 Delta R.T. 0.012 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

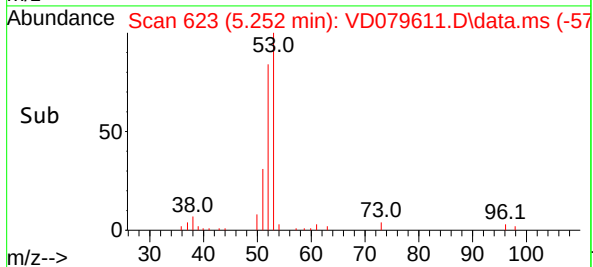
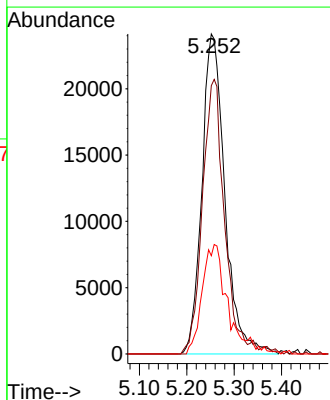
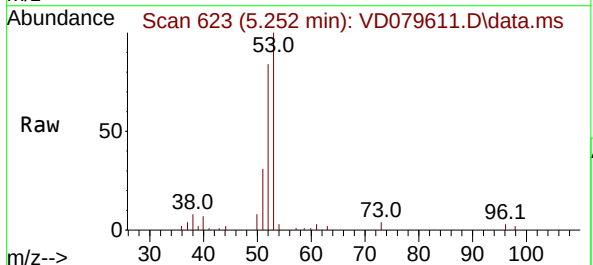
Instrument :
 MSVOA_D
 ClientSampleId :

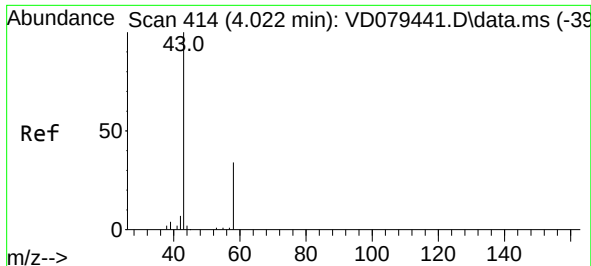
Tgt Ion: 41	Resp: 35980
Ion Ratio	Lower Upper
41 100	
39 66.3	58.0 87.0
76 48.4	45.9 68.9



#15
 Acrylonitrile
 Concen: 533.225 ug/l
 RT: 5.252 min Scan# 623
 Delta R.T. 0.000 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

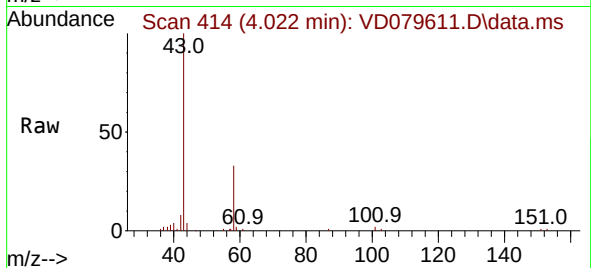
Tgt Ion: 53	Resp: 81143
Ion Ratio	Lower Upper
53 100	
52 81.3	67.7 101.5
51 38.1	28.6 42.8



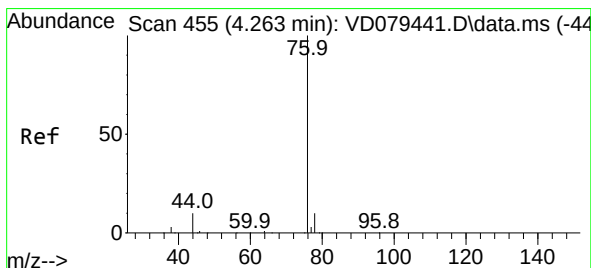
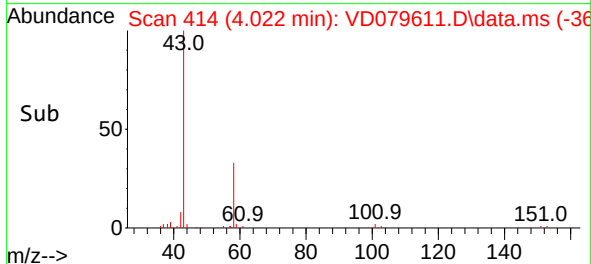
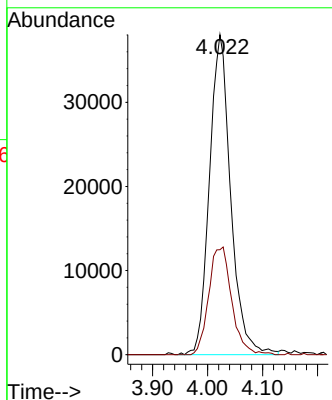


#16
Acetone
Concen: 818.958 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Instrument :
MSVOA_D
ClientSampleId :

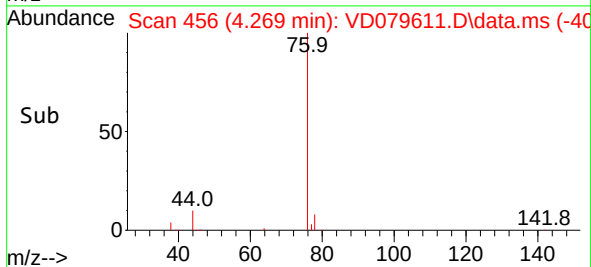
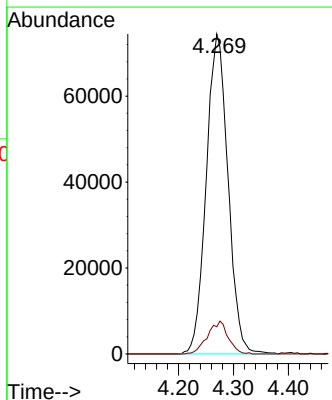
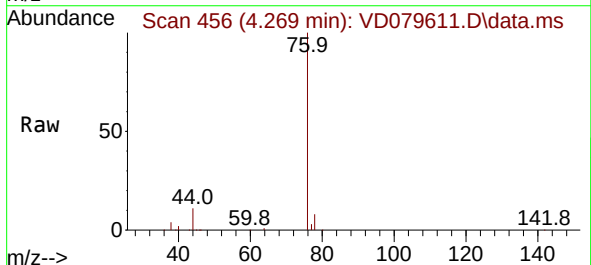


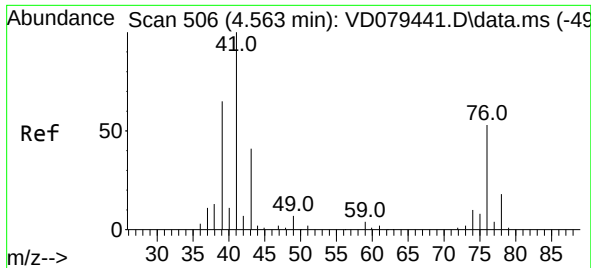
Tgt Ion: 43 Resp: 102110
Ion Ratio Lower Upper
43 100
58 32.8 30.4 45.6



#17
Carbon Disulfide
Concen: 90.704 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 76 Resp: 204296
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3

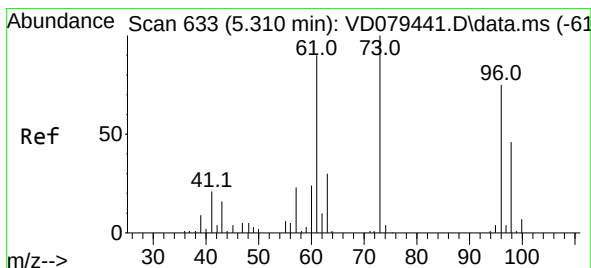
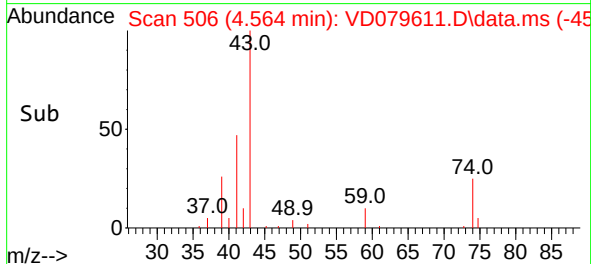
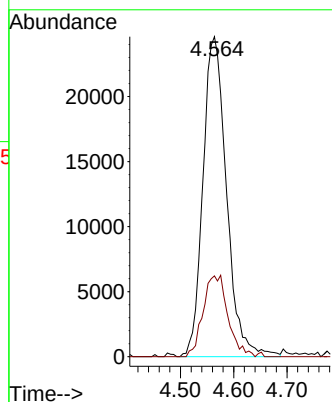
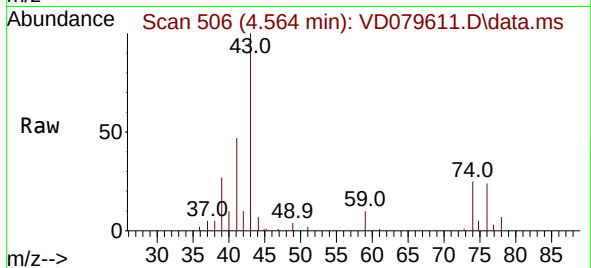




#18
Methyl Acetate
Concen: 195.227 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

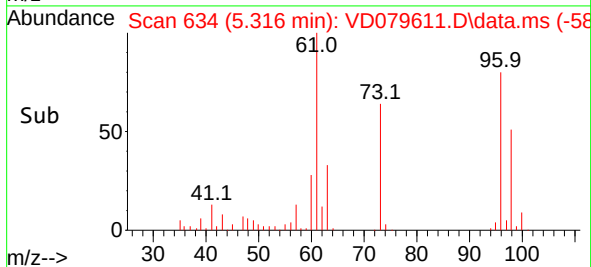
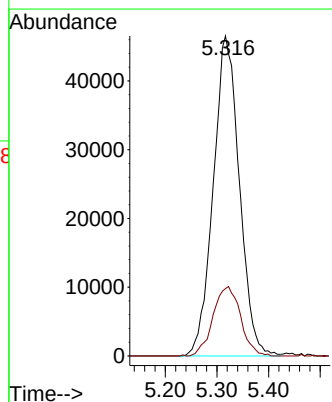
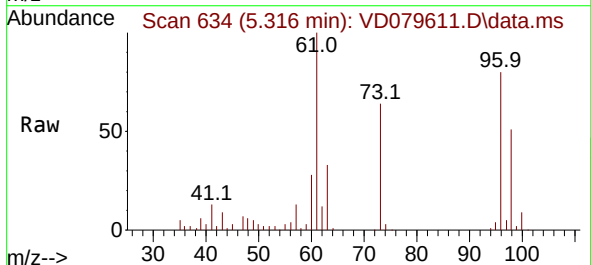
Instrument :
MSVOA_D
ClientSampleId :

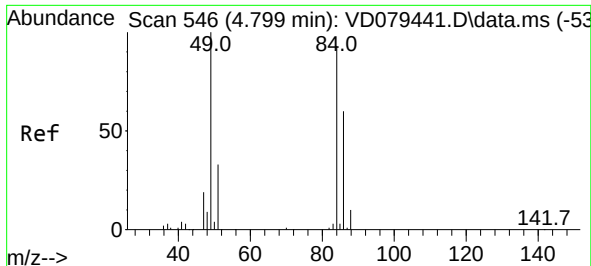
Tgt Ion: 43 Resp: 75575
Ion Ratio Lower Upper
43 100
74 26.7 28.1 42.1#



#19
Methyl tert-butyl Ether
Concen: 117.125 ug/l
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 73 Resp: 163133
Ion Ratio Lower Upper
73 100
57 21.1 18.3 27.5



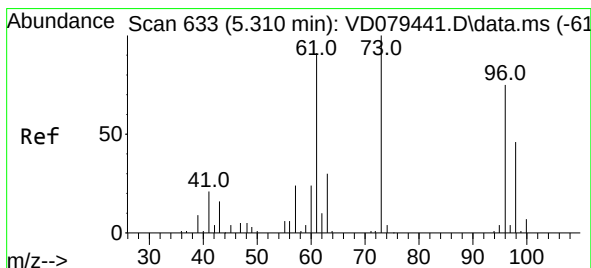
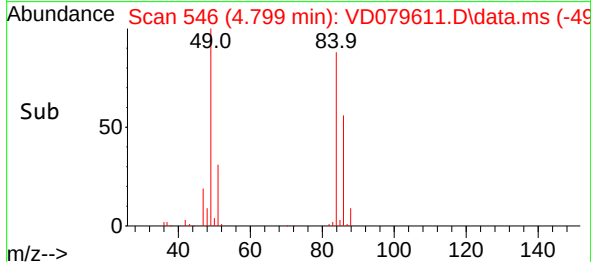
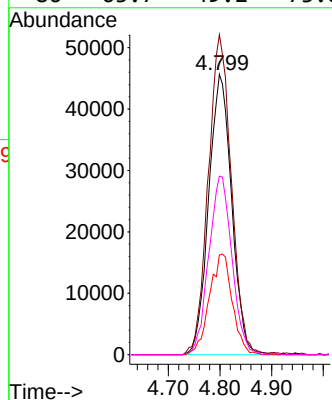
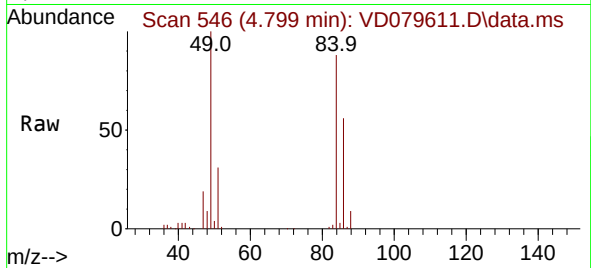


#20
Methylene Chloride
Concen: 155.750 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 141197

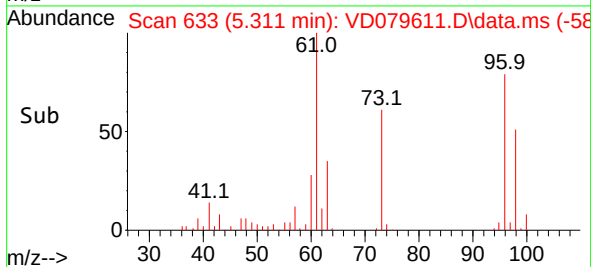
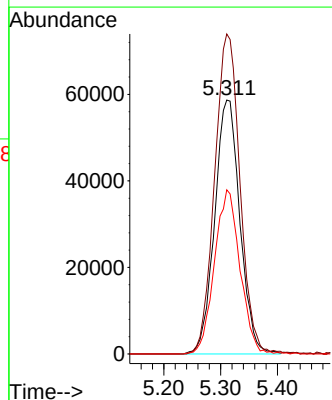
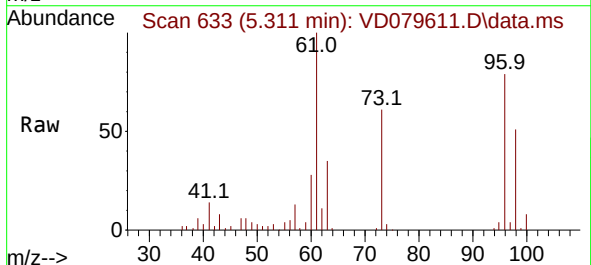
Ion	Ratio	Lower	Upper
84	100		
49	114.2	75.6	113.4#
51	35.6	24.2	36.2
86	63.7	49.2	73.8

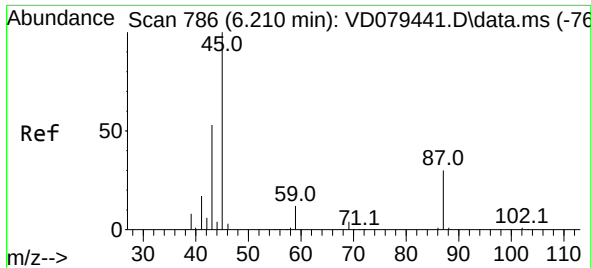


#21
trans-1,2-Dichloroethene
Concen: 236.257 ug/l
RT: 5.311 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 96 Resp: 181100

Ion	Ratio	Lower	Upper
96	100		
61	126.0	84.5	126.7
98	64.6	50.5	75.7

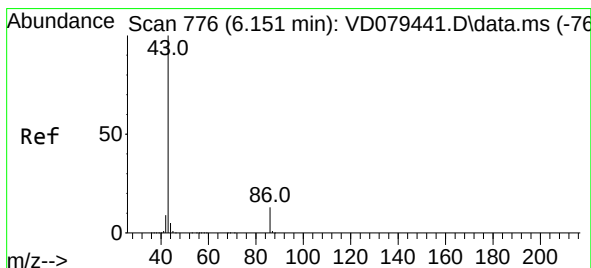
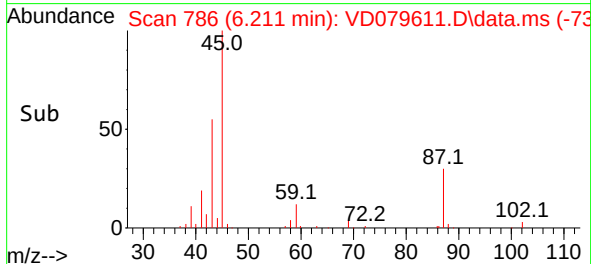
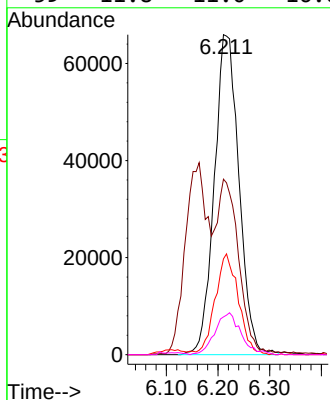
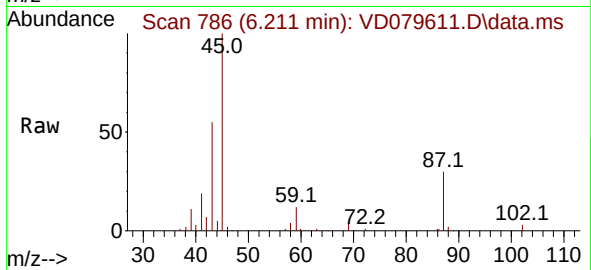




#22
Diisopropyl ether
Concen: 109.211 ug/l
RT: 6.211 min Scan# 711
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

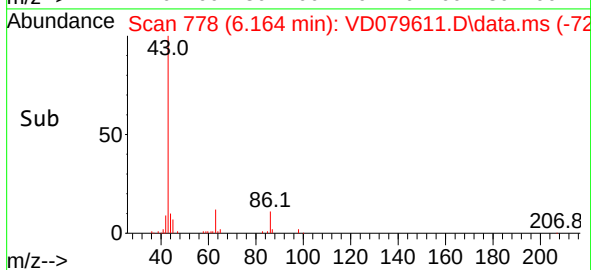
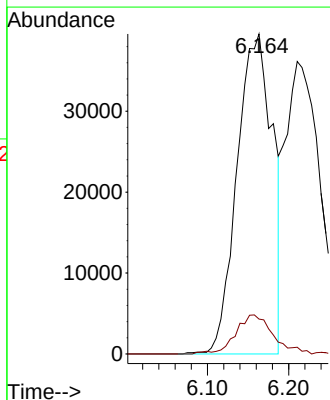
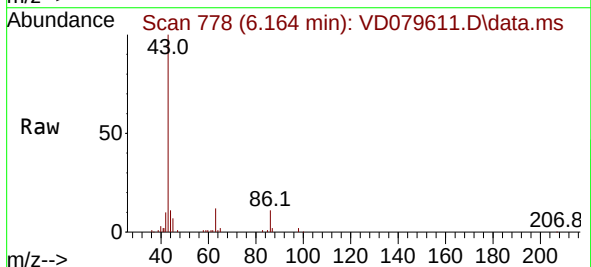
Instrument :
MSVOA_D
ClientSampleId :

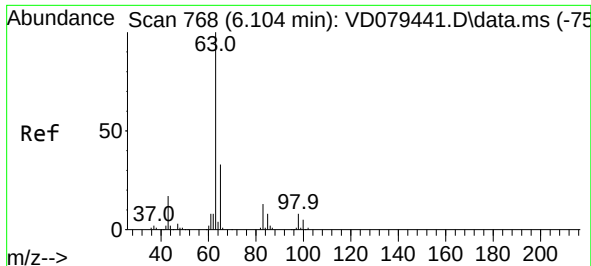
Tgt Ion:	45	Resp:	218944
Ion	Ratio	Lower	Upper
45	100		
43	53.9	41.7	62.5
87	29.9	30.2	45.2#
59	11.8	11.0	16.6



#23
Vinyl Acetate
Concen: 79.659 ug/l
RT: 6.164 min Scan# 778
Delta R.T. 0.012 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion:	43	Resp:	120049
Ion	Ratio	Lower	Upper
43	100		
86	10.9	12.3	18.5#

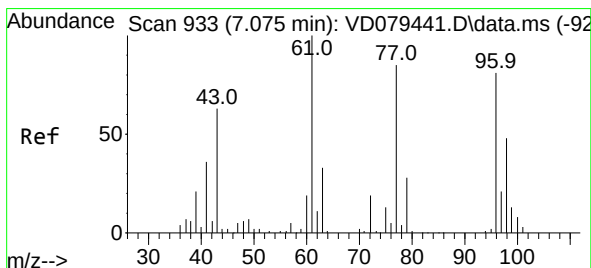
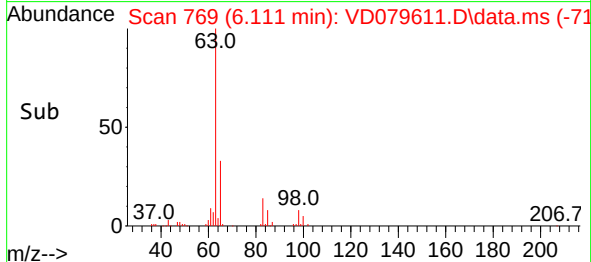
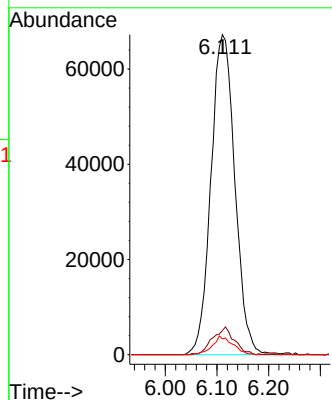
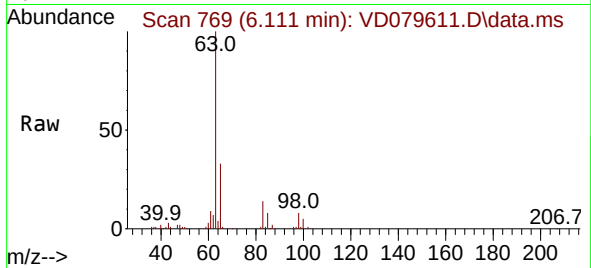




#24
1,1-Dichloroethane
Concen: 160.908 ug/l
RT: 6.111 min Scan# 70
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

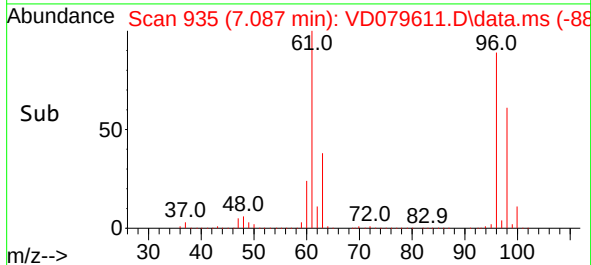
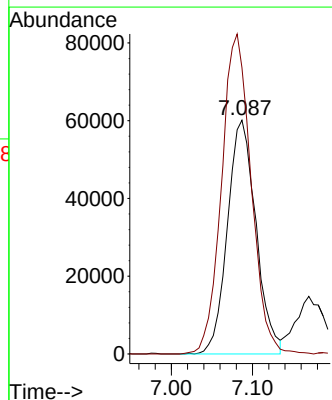
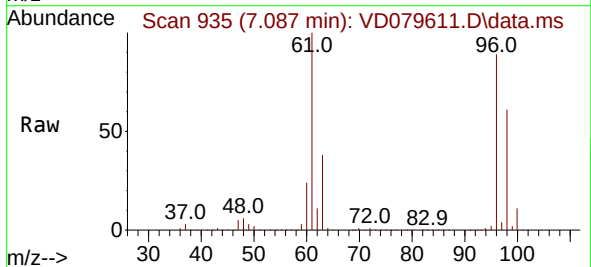
Instrument :
MSVOA_D
ClientSampleId :

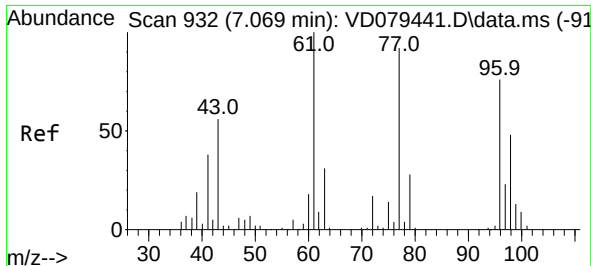
Tgt Ion: 63 Resp: 216178
Ion Ratio Lower Upper
63 100
98 7.5 4.7 14.0
100 5.0 2.9 8.6



#25
2-Butanone
Concen: 830.304 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 43 Resp: 146769
Ion Ratio Lower Upper
43 100
72 122.4 26.4 39.6#





#26

2,2-Dichloropropane

Concen: 83.672 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

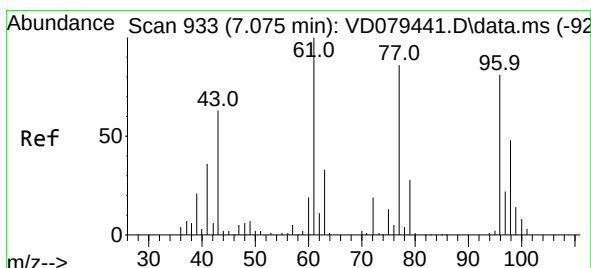
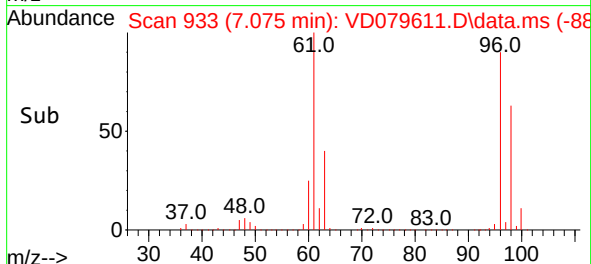
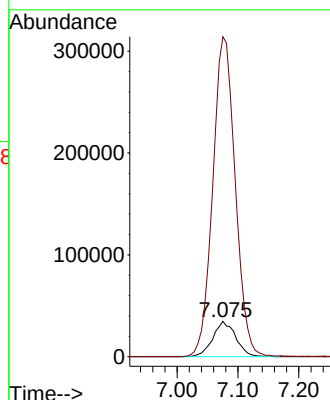
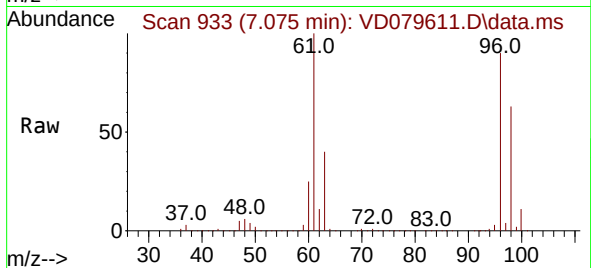
ClientSampleId :

Tgt Ion: 77 Resp: 90927

Ion Ratio Lower Upper

77 100

97 886.8 12.4 37.2#



#27

cis-1,2-Dichloroethene

Concen: 22102.707 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

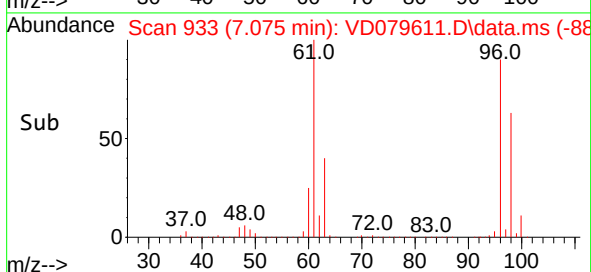
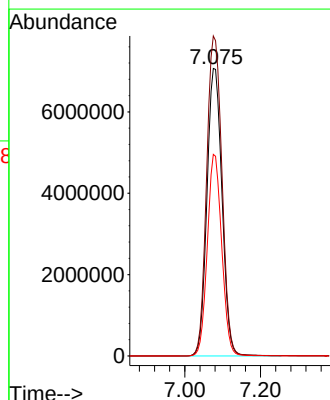
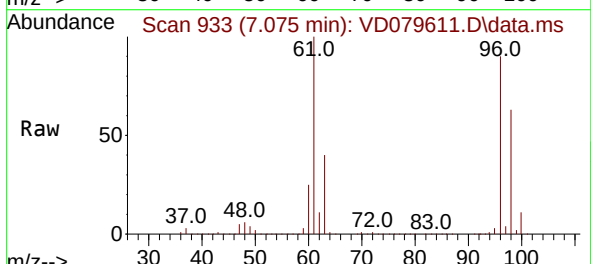
Tgt Ion: 96 Resp:19365871

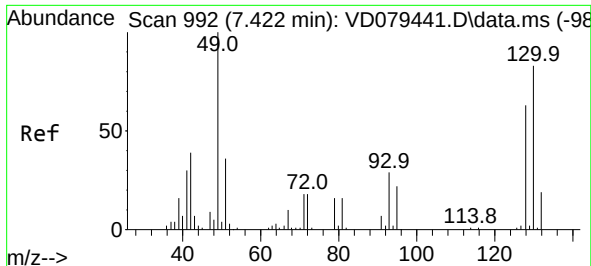
Ion Ratio Lower Upper

96 100

61 114.0 0.0 229.0

98 67.3 0.0 127.2

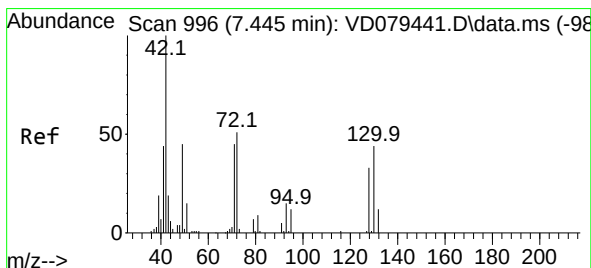
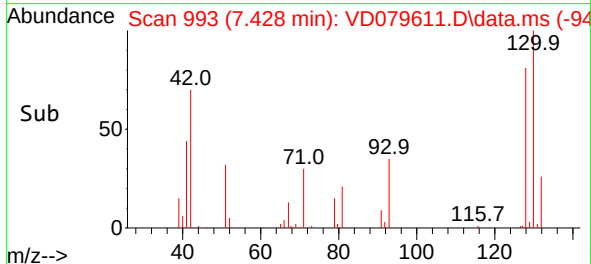
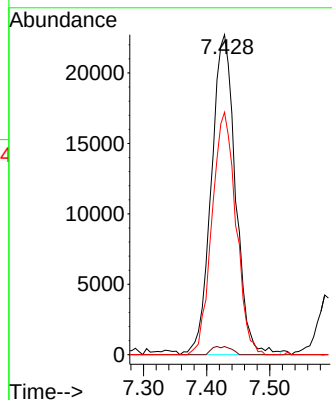
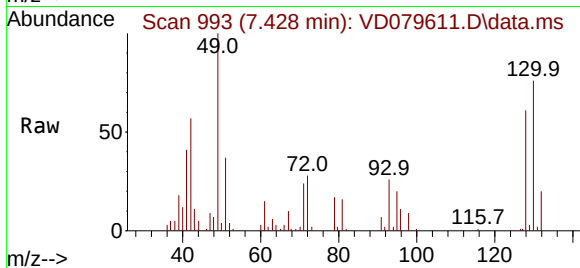




#28
Bromochloromethane
Concen: 102.661 ug/l
RT: 7.428 min Scan# 992
Delta R.T. 0.012 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

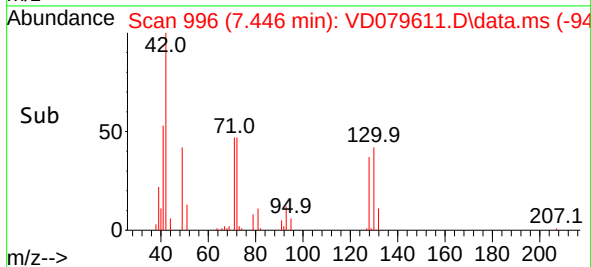
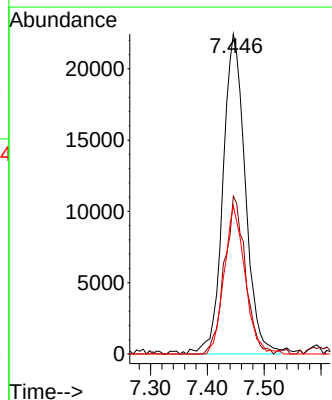
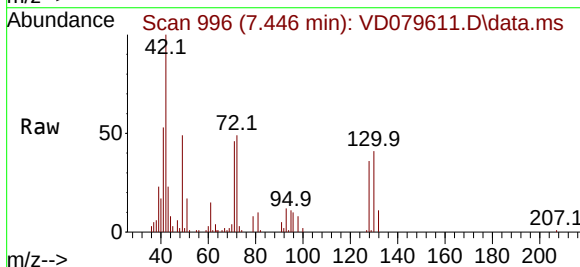
Instrument :
MSVOA_D
ClientSampleId :

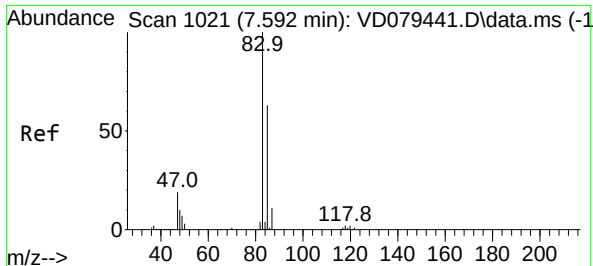
Tgt Ion: 49 Resp: 60481
Ion Ratio Lower Upper
49 100
129 2.1 0.0 7.0
130 75.1 87.7 131.5#



#29
Tetrahydrofuran
Concen: 559.661 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 42 Resp: 61309
Ion Ratio Lower Upper
42 100
72 46.1 49.4 74.0#
71 43.3 45.0 67.6#





#30

Chloroform

Concen: 106.586 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

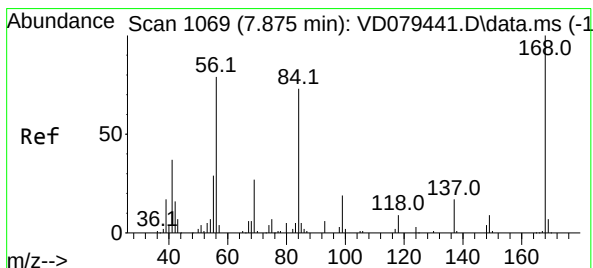
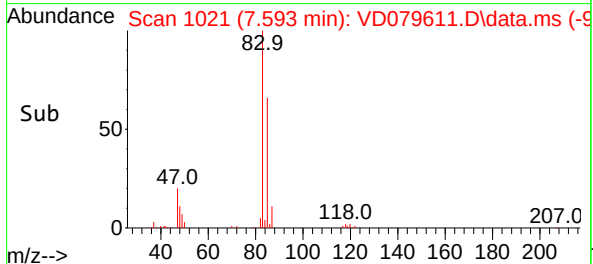
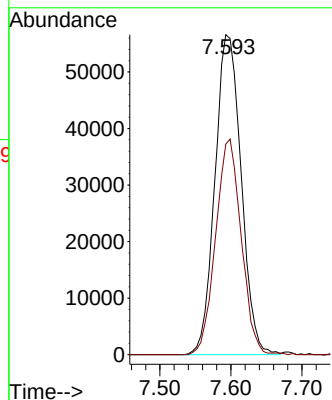
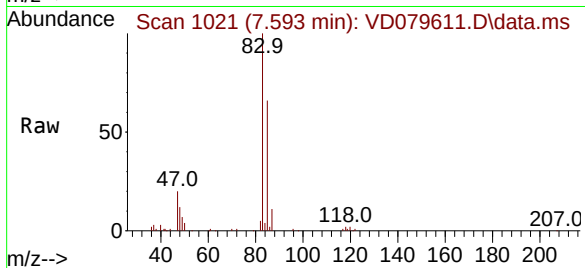
ClientSampleId :

Tgt Ion: 83 Resp: 145013

Ion Ratio Lower Upper

83 100

85 65.8 51.8 77.6



#31

Cyclohexane

Concen: 46.860 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

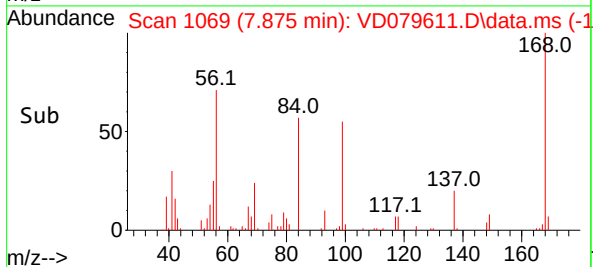
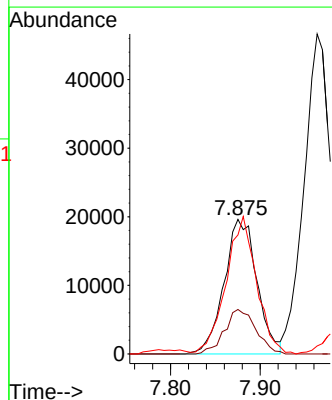
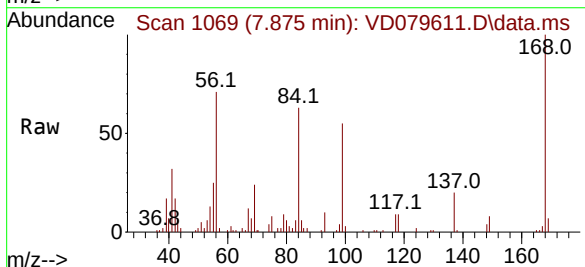
Tgt Ion: 56 Resp: 49930

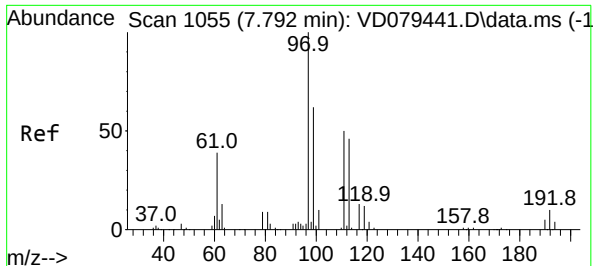
Ion Ratio Lower Upper

56 100

69 33.1 28.0 42.0

84 85.6 87.4 131.0#





#32

1,1,1-Trichloroethane

Concen: 86.729 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

ClientSampleId :

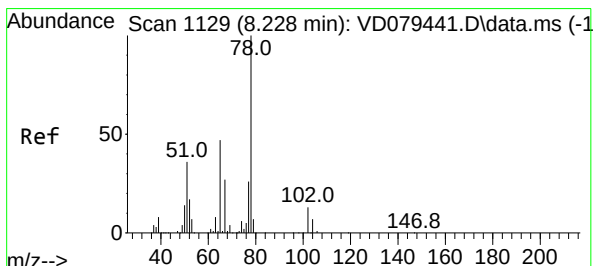
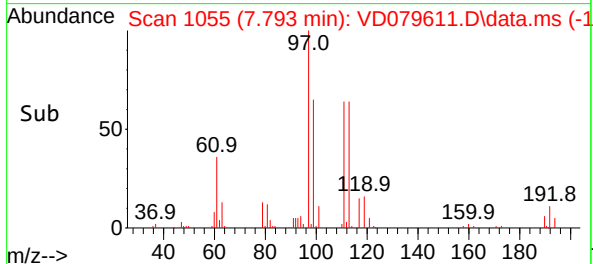
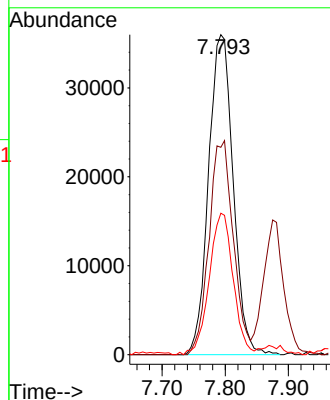
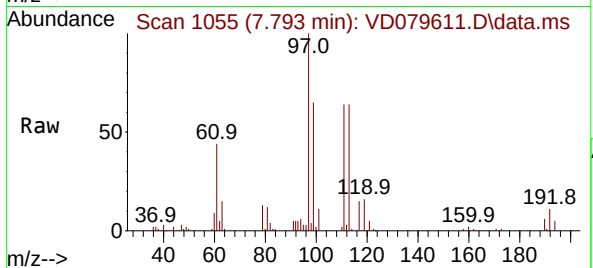
Tgt Ion: 97 Resp: 97367

Ion Ratio Lower Upper

97 100

99 66.1 51.3 76.9

61 43.0 31.4 47.2



#33

1,2-Dichloroethane-d4

Concen: 124.296 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079611.D

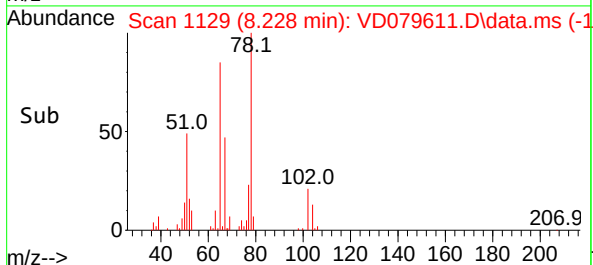
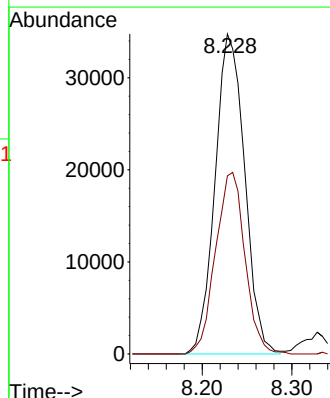
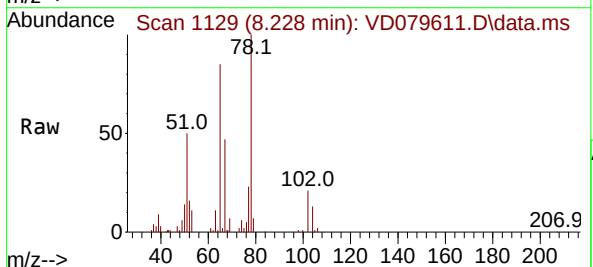
Acq: 06 Aug 2024 06:55

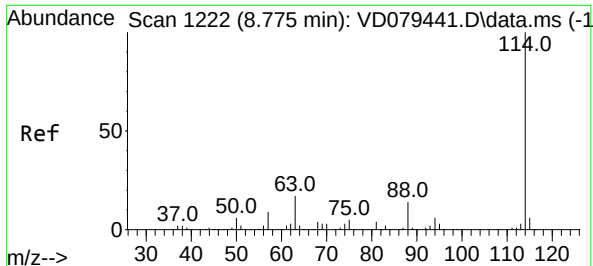
Tgt Ion: 65 Resp: 79744

Ion Ratio Lower Upper

65 100

67 56.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

ClientSampleId :

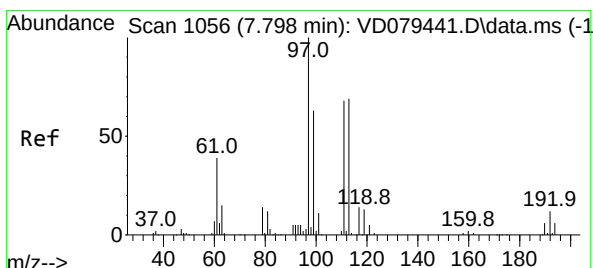
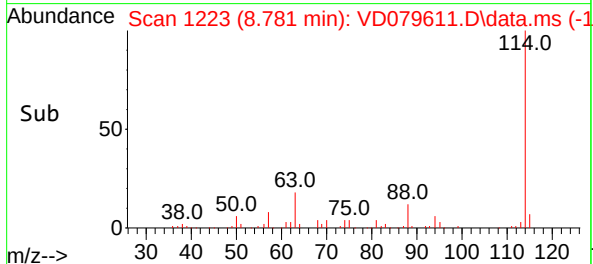
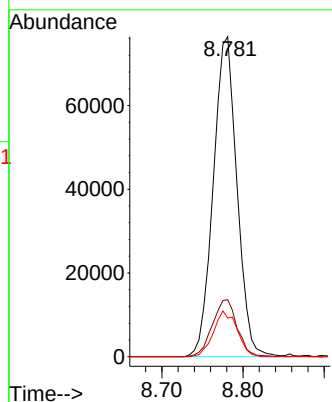
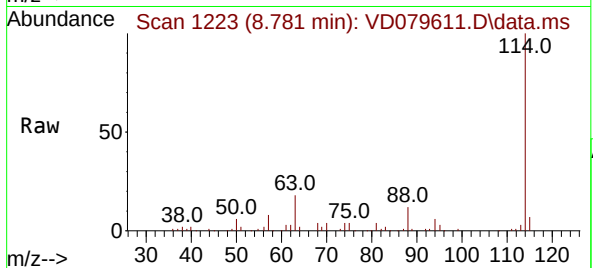
Tgt Ion:114 Resp: 155140

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

88 12.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 75.509 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

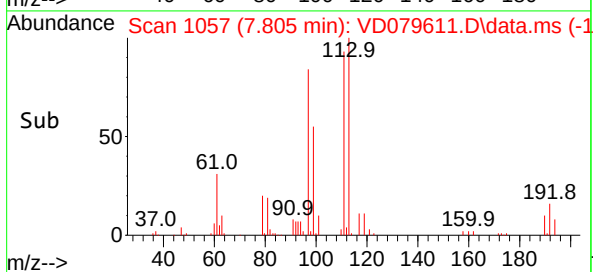
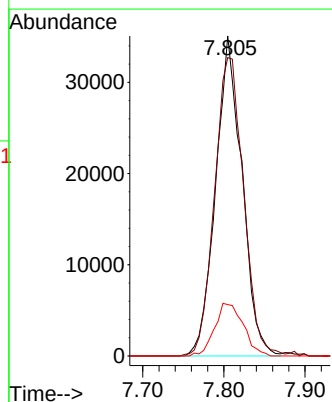
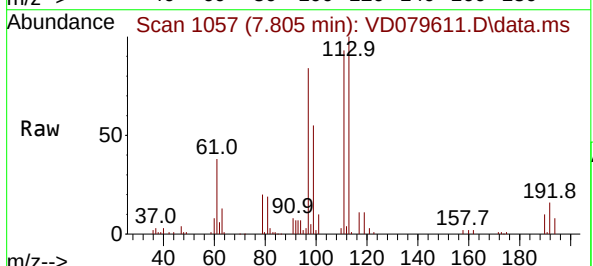
Tgt Ion:113 Resp: 79289

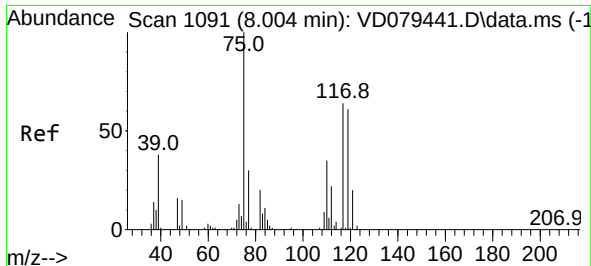
Ion Ratio Lower Upper

113 100

111 102.1 84.0 126.0

192 17.8 15.4 23.0





#36

1,1-Dichloropropene

Concen: 46.389 ug/l

RT: 8.010 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

ClientSampleId :

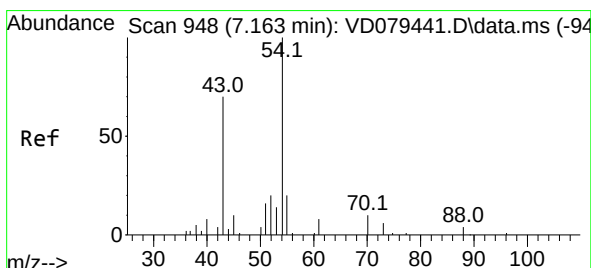
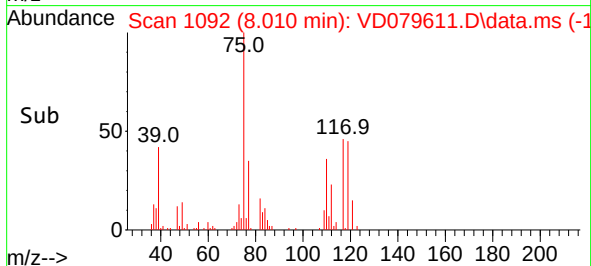
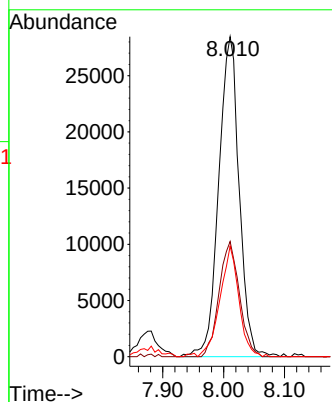
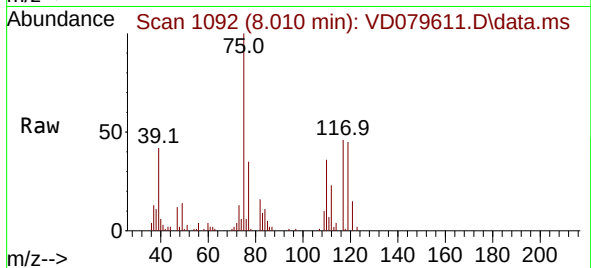
Tgt Ion: 75 Resp: 66486

Ion Ratio Lower Upper

75 100

110 35.8 19.6 58.7

77 31.8 26.1 39.1



#37

Ethyl Acetate

Concen: 65.695 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

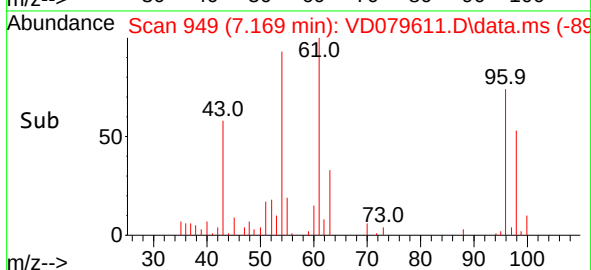
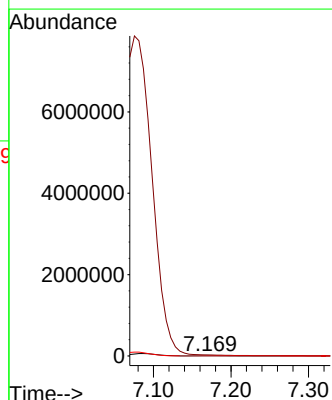
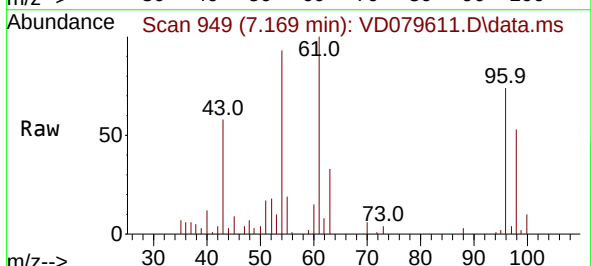
Tgt Ion: 43 Resp: 38604

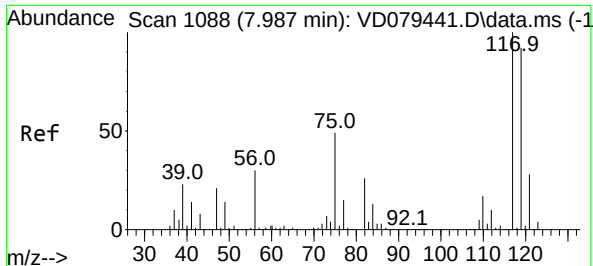
Ion Ratio Lower Upper

43 100

61 0.0 13.9 20.9#

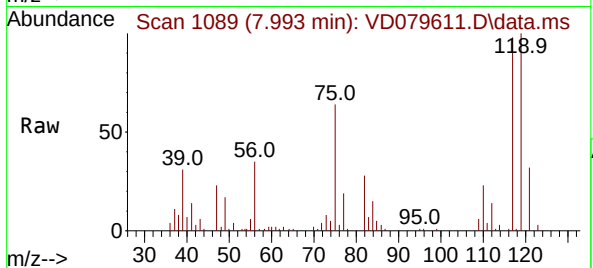
70 0.0 9.8 14.6#



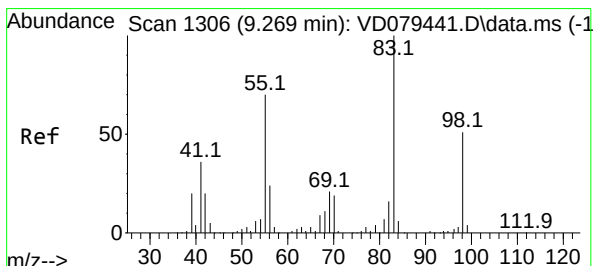
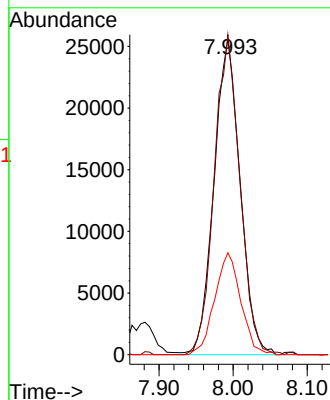
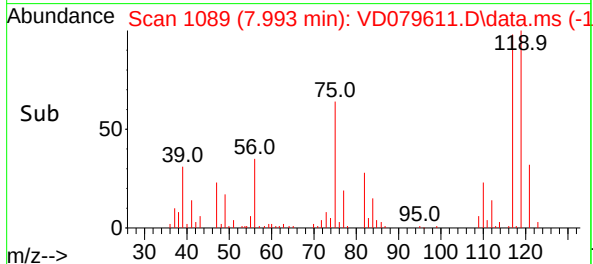


#38
Carbon Tetrachloride
Concen: 41.586 ug/l
RT: 7.993 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

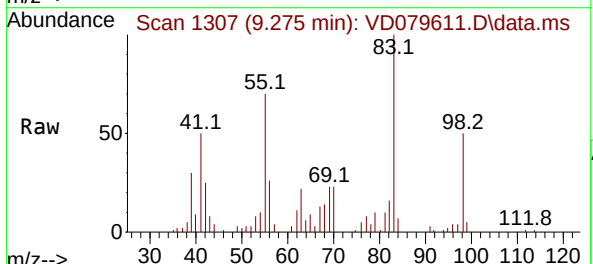
Instrument :
MSVOA_D
ClientSampleId :



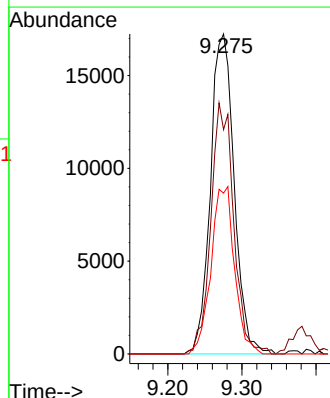
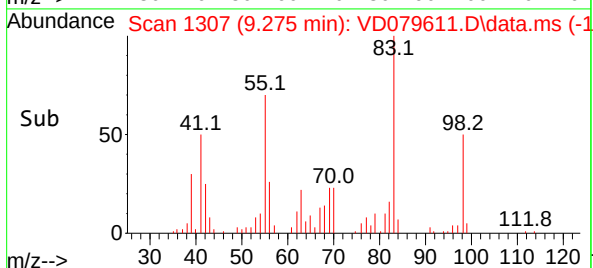
Tgt Ion:117 Resp: 62655
Ion Ratio Lower Upper
117 100
119 101.6 75.4 113.0
121 32.4 25.0 37.4

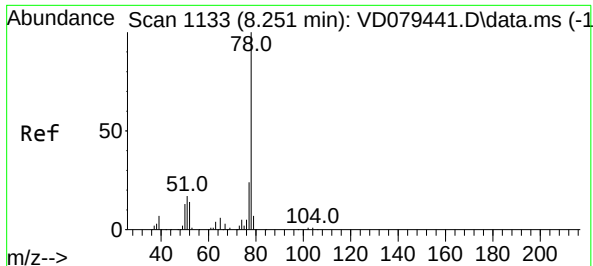


#39
Methylcyclohexane
Concen: 22.431 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55



Tgt Ion: 83 Resp: 38358
Ion Ratio Lower Upper
83 100
55 70.1 50.1 75.1
98 50.3 41.9 62.9

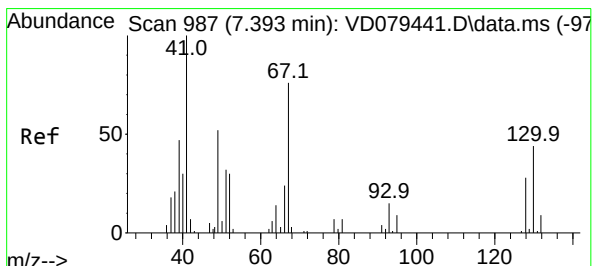
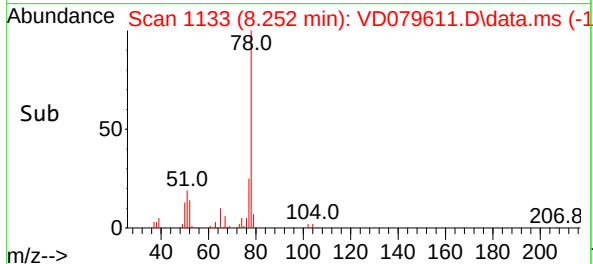
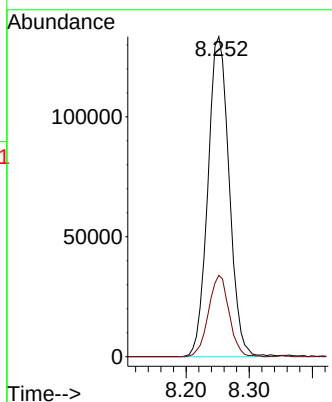
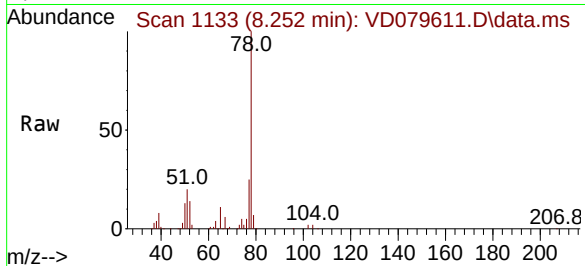




#40
Benzene
Concen: 68.598 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

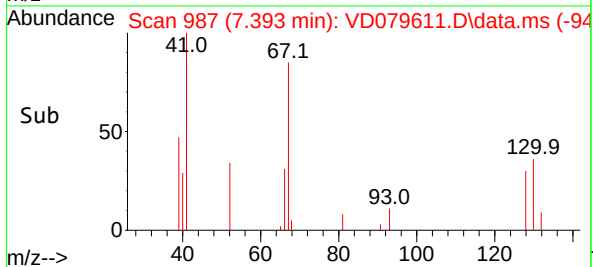
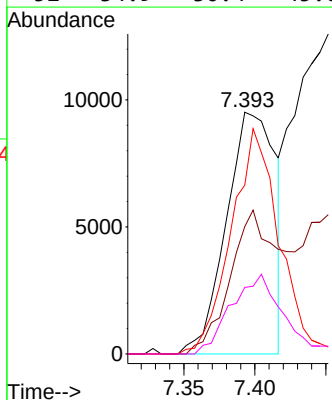
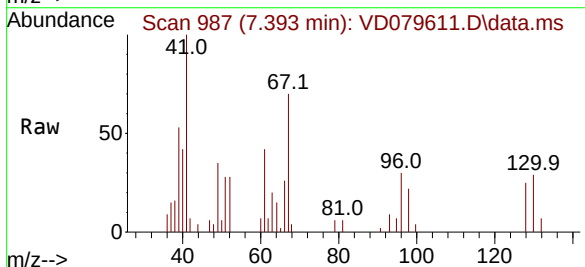
Instrument :
MSVOA_D
ClientSampleId :

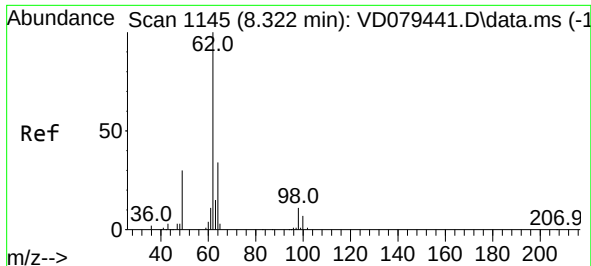
Tgt Ion: 78 Resp: 312269
Ion Ratio Lower Upper
78 100
77 25.4 18.1 27.1



#41
Methacrylonitrile
Concen: 70.641 ug/l
RT: 7.393 min Scan# 987
Delta R.T. -0.024 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 41 Resp: 22833
Ion Ratio Lower Upper
41 100
39 64.8 41.4 62.0#
67 91.9 85.8 128.6
52 34.9 30.4 45.6





#42

1,2-Dichloroethane

Concen: 81.071 ug/l

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

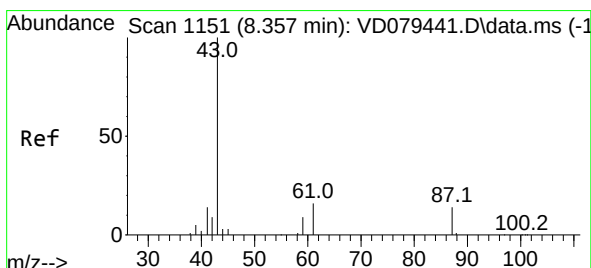
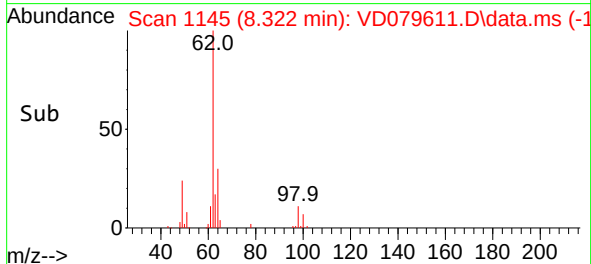
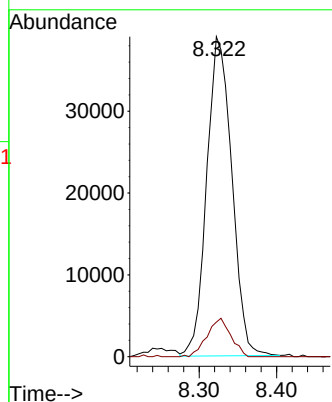
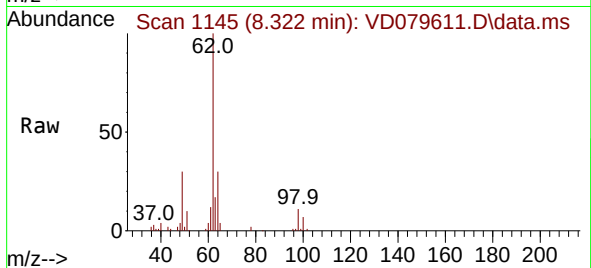
ClientSampleId :

Tgt Ion: 62 Resp: 87942

Ion Ratio Lower Upper

62 100

98 11.4 0.0 25.8



#43

Isopropyl Acetate

Concen: 58.783 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

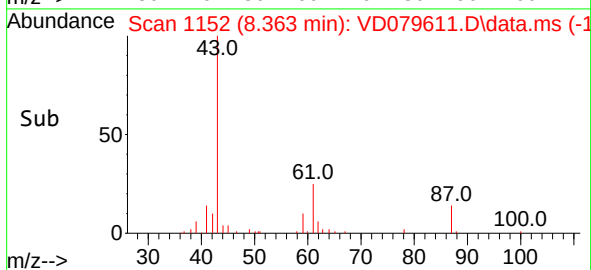
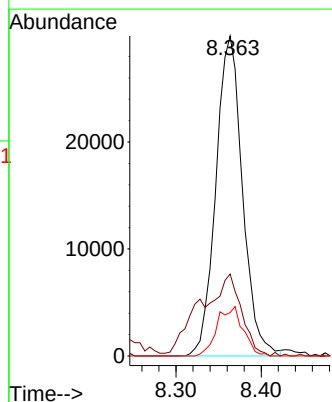
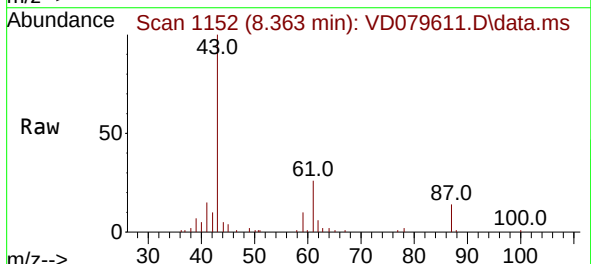
Tgt Ion: 43 Resp: 64920

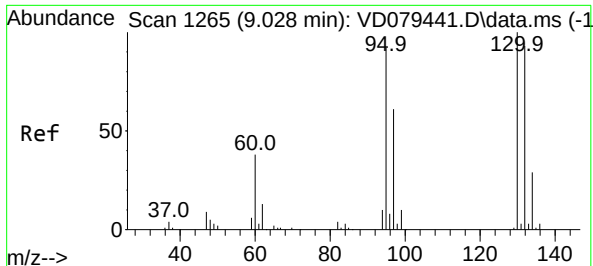
Ion Ratio Lower Upper

43 100

61 23.4 29.3 43.9#

87 15.0 14.9 22.3

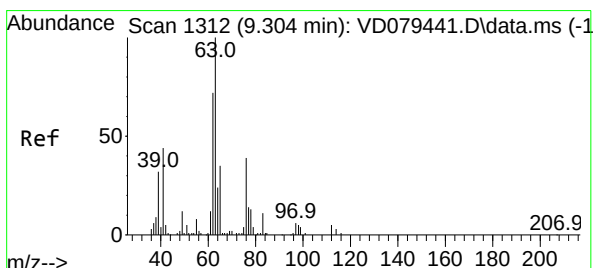
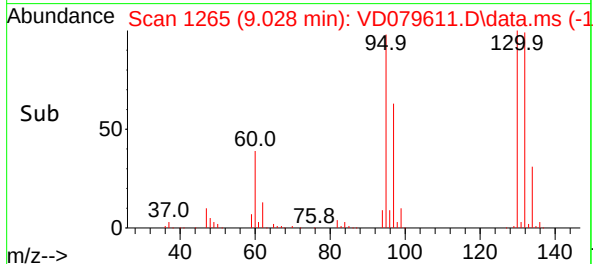
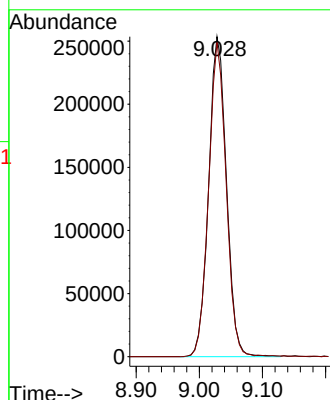
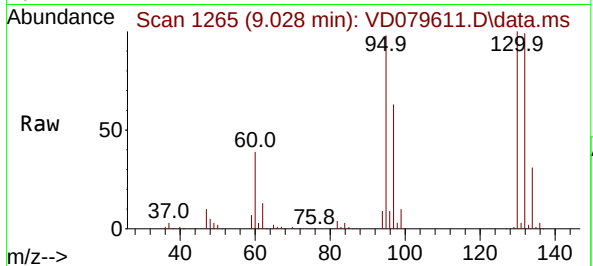




#44
Trichloroethene
Concen: 438.743 ug/l
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

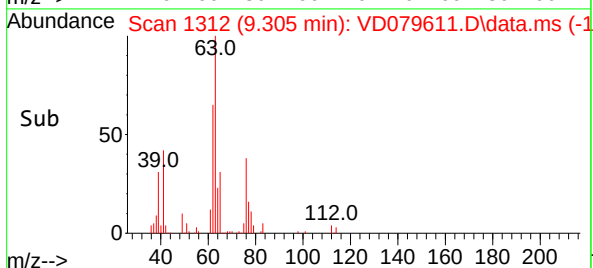
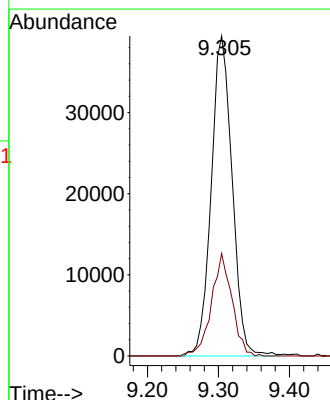
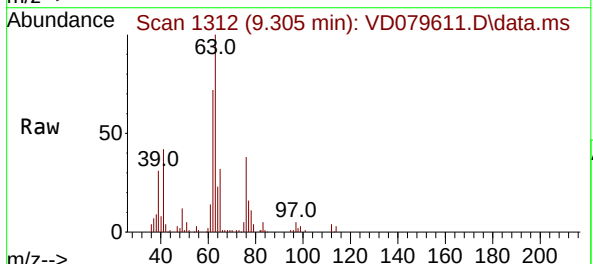
Instrument :
MSVOA_D
ClientSampleId :

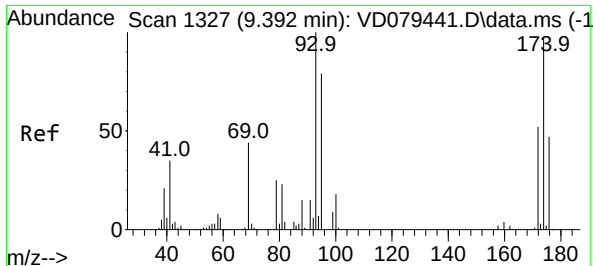
Tgt Ion:130 Resp: 497177
Ion Ratio Lower Upper
130 100
95 98.2 0.0 177.8



#45
1,2-Dichloropropane
Concen: 72.905 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

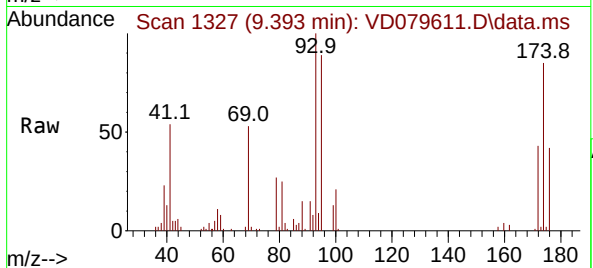
Tgt Ion: 63 Resp: 80764
Ion Ratio Lower Upper
63 100
65 32.0 23.8 35.8



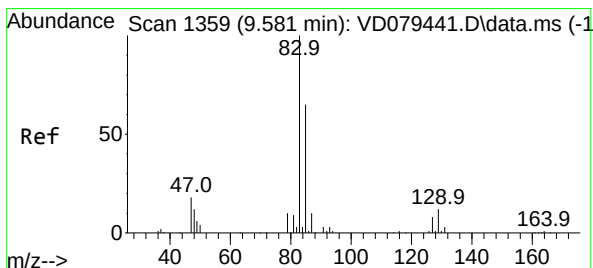
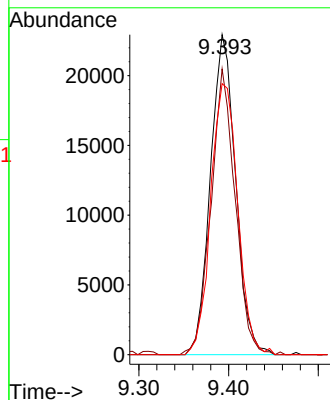
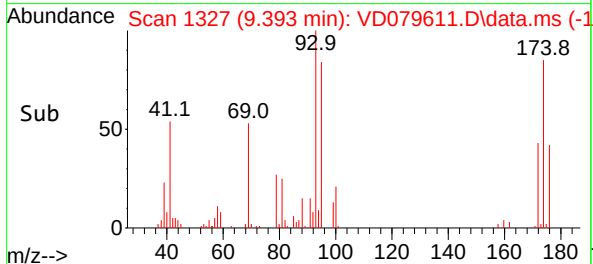


#46
Dibromomethane
Concen: 72.924 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Instrument :
MSVOA_D
ClientSampleId :

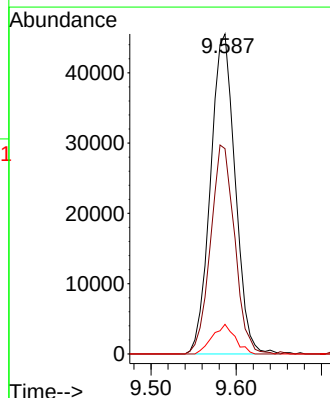
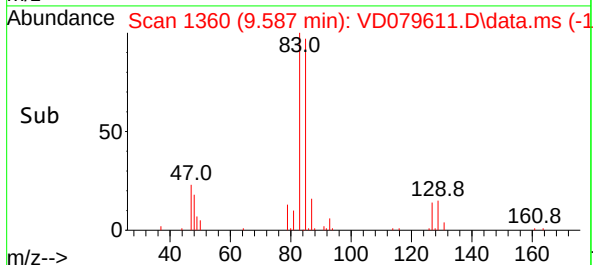
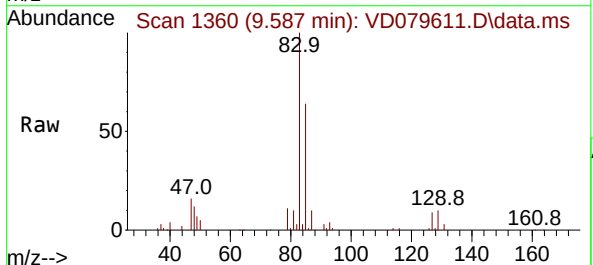


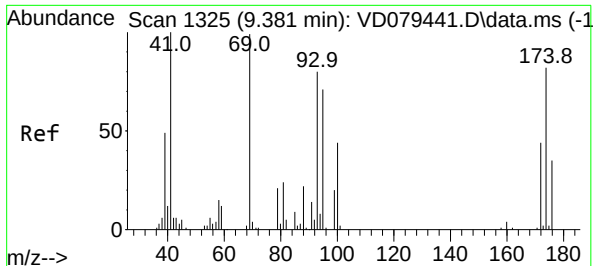
Tgt Ion: 93 Resp: 44785
Ion Ratio Lower Upper
93 100
95 85.9 65.6 98.4
174 90.7 82.3 123.5



#47
Bromodichloromethane
Concen: 60.510 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 83 Resp: 91247
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 9.3 6.8 10.2





#48

Methyl methacrylate

Concen: 70.408 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

ClientSampleId :

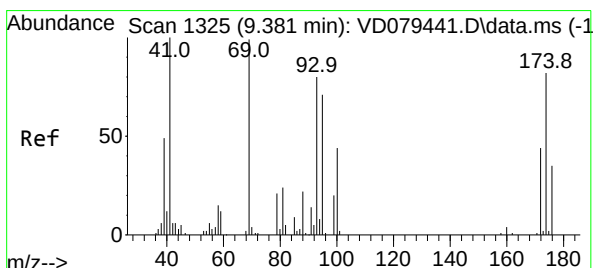
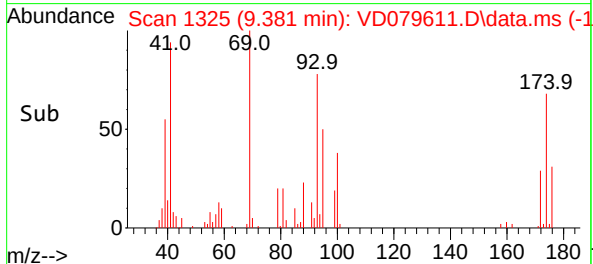
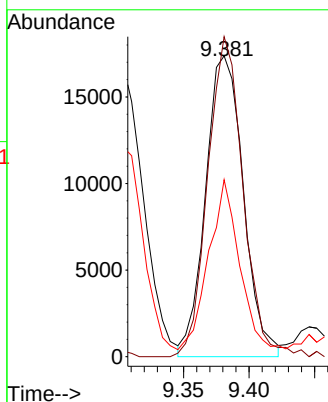
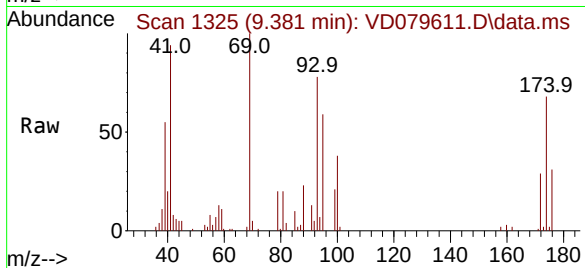
Tgt Ion: 41 Resp: 34799

Ion Ratio Lower Upper

41 100

69 99.6 96.7 145.1

39 51.4 43.8 65.6



#49

1,4-Dioxane

Concen: 1490.032 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

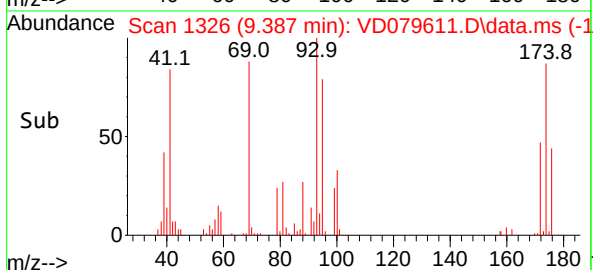
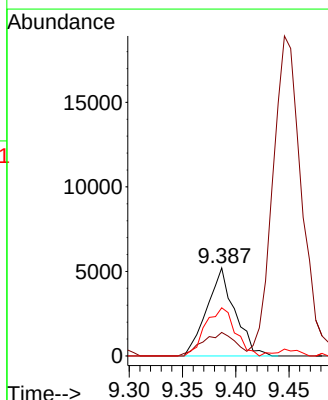
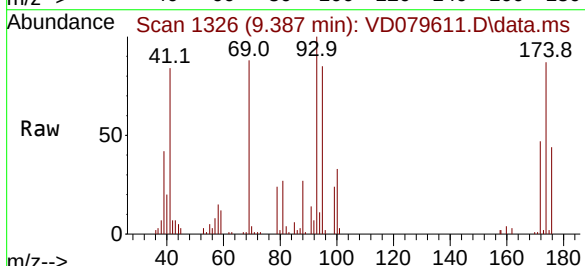
Tgt Ion: 88 Resp: 9482

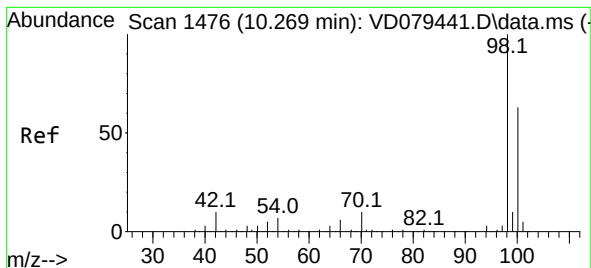
Ion Ratio Lower Upper

88 100

43 31.3 21.5 32.3

58 58.4 42.2 63.4





#50

Toluene-d8

Concen: 50.596 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

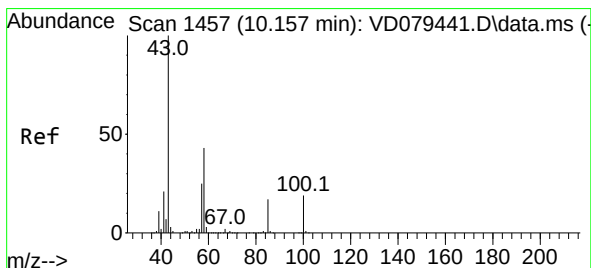
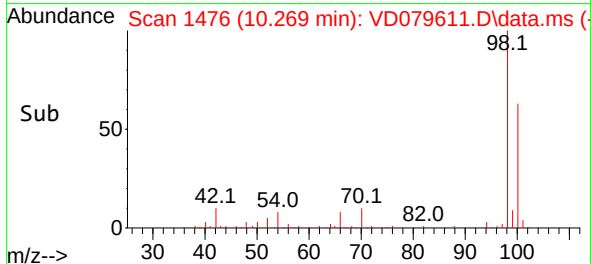
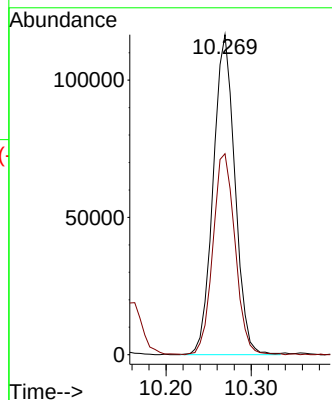
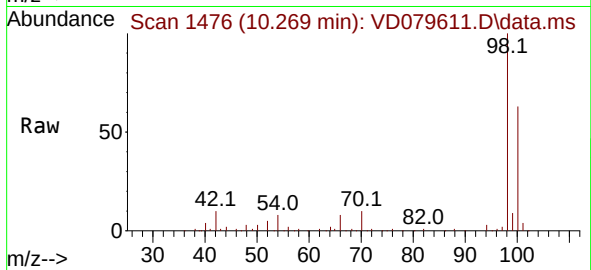
ClientSampleId :

Tgt Ion: 98 Resp: 206317

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 351.360 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079611.D

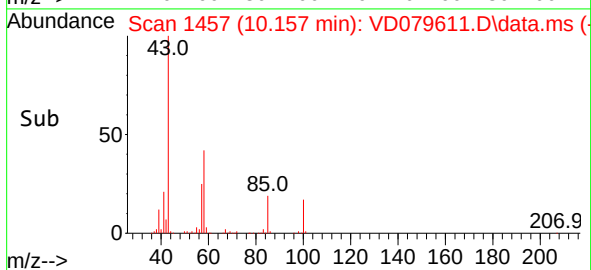
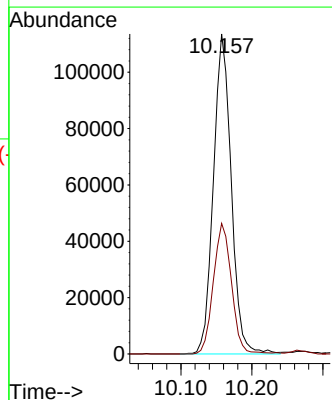
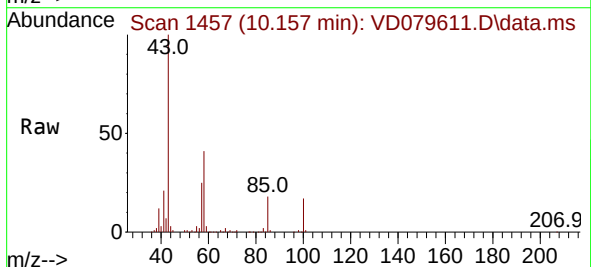
Acq: 06 Aug 2024 06:55

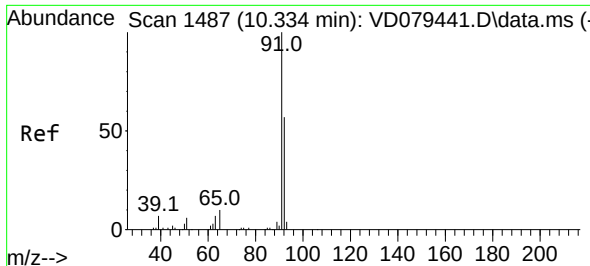
Tgt Ion: 43 Resp: 198113

Ion Ratio Lower Upper

43 100

58 41.4 36.6 55.0

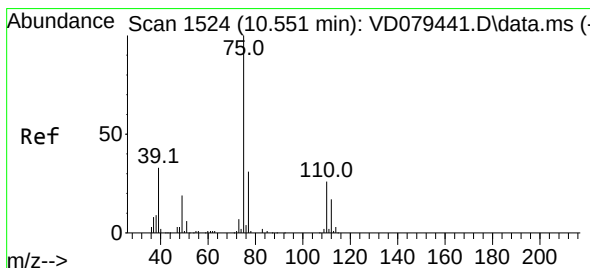
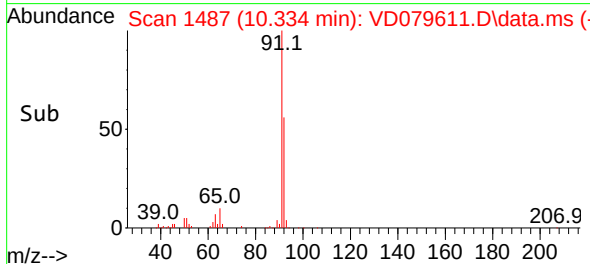
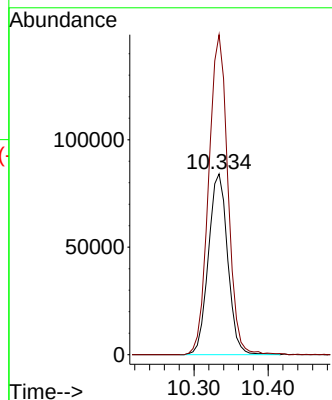
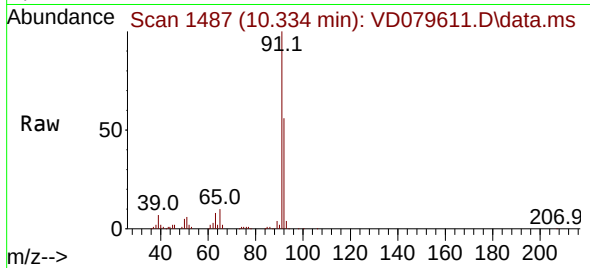




#52
Toluene
Concen: 53.974 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

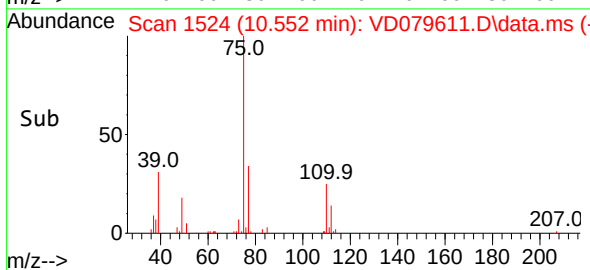
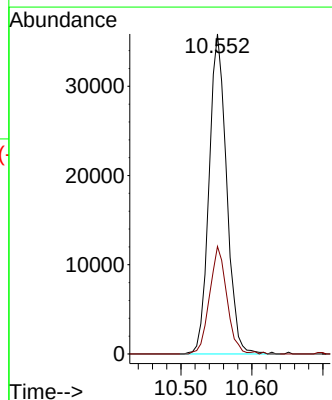
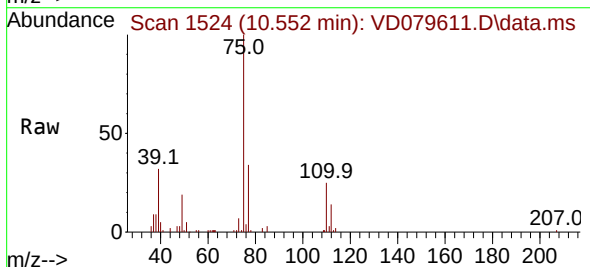
Instrument :
MSVOA_D
ClientSampleId :

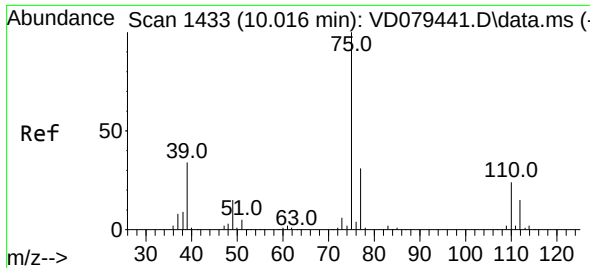
Tgt Ion: 92 Resp: 151956
Ion Ratio Lower Upper
92 100
91 176.3 141.7 212.5



#53
t-1,3-Dichloropropene
Concen: 44.185 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 75 Resp: 61531
Ion Ratio Lower Upper
75 100
77 33.6 25.0 37.6

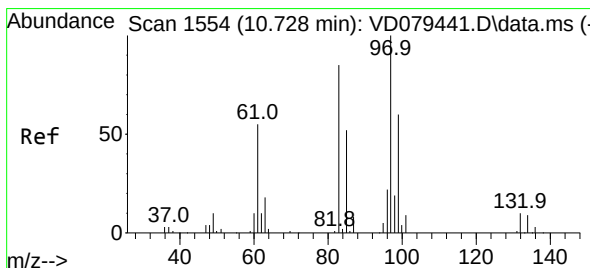
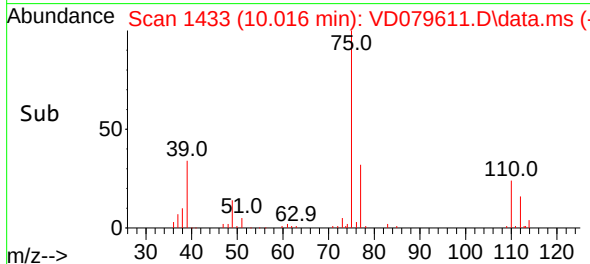
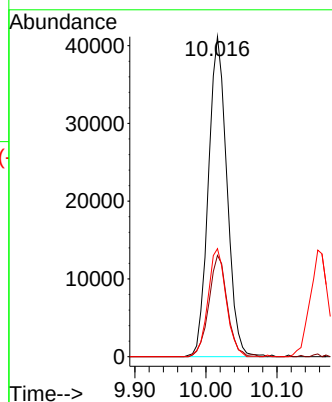
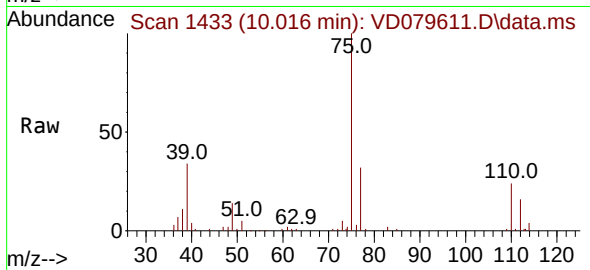




#54
 cis-1,3-Dichloropropene
 Concen: 44.583 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

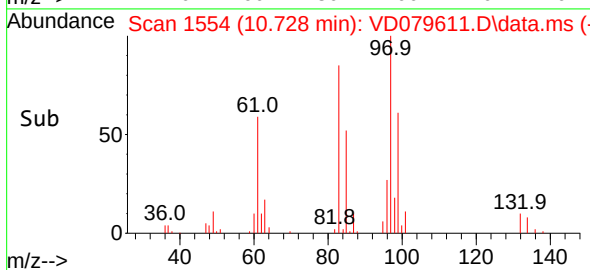
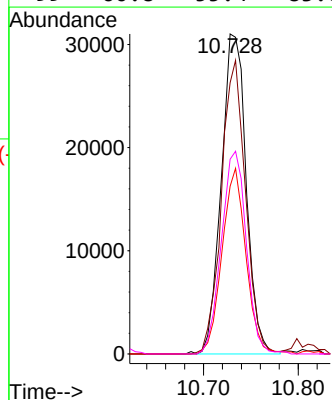
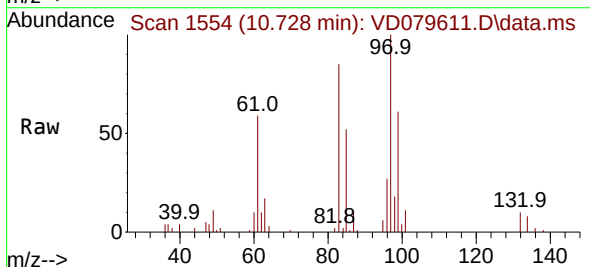
Instrument :
 MSVOA_D
 ClientSampleId :

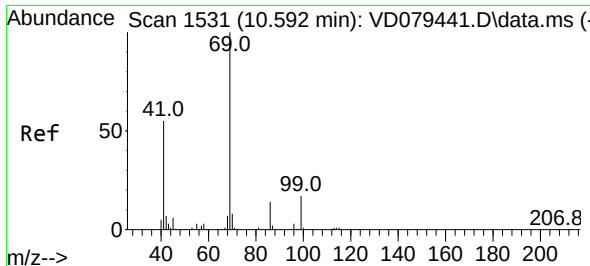
Tgt Ion: 75	Resp: 74680
Ion Ratio	Lower Upper
75 100	
77 31.6	24.4 36.6
39 33.7	24.2 36.2



#55
 1,1,2-Trichloroethane
 Concen: 70.100 ug/l
 RT: 10.728 min Scan# 1554
 Delta R.T. 0.000 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

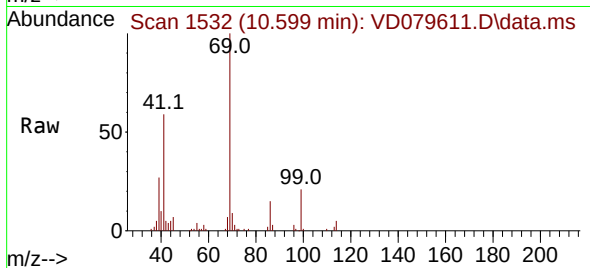
Tgt Ion: 97	Resp: 56711
Ion Ratio	Lower Upper
97 100	
83 84.8	65.8 98.8
85 52.4	43.8 65.8
99 60.8	55.4 83.0



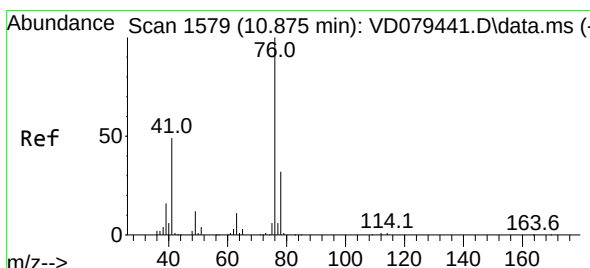
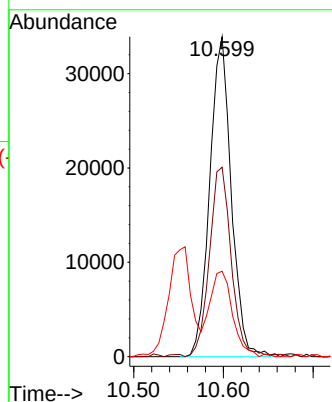
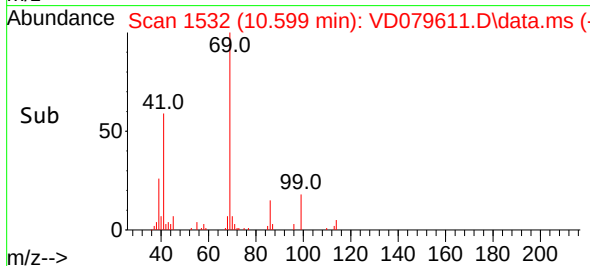


#56
Ethyl methacrylate
Concen: 58.870 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Instrument :
MSVOA_D
ClientSampleId :

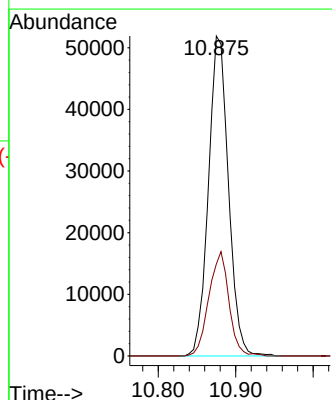
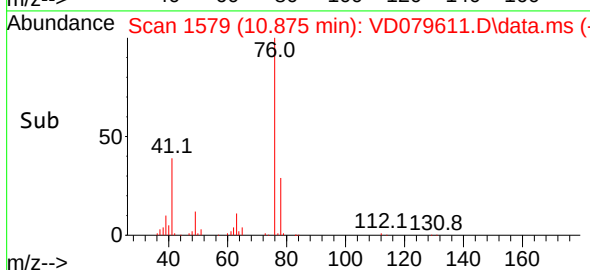
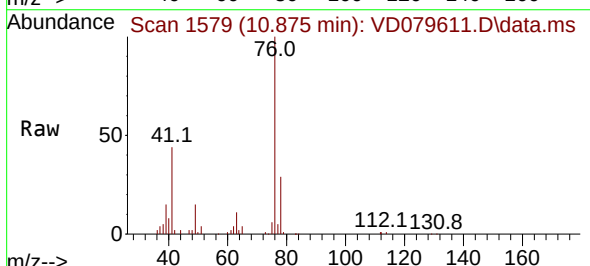


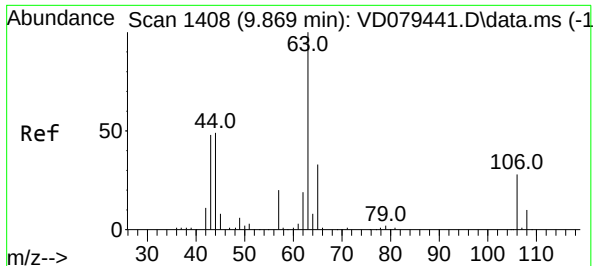
Tgt Ion: 69 Resp: 56431
Ion Ratio Lower Upper
69 100
41 60.0 39.8 59.6#
39 28.6 20.2 30.4



#57
1,3-Dichloropropane
Concen: 67.720 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 76 Resp: 93096
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

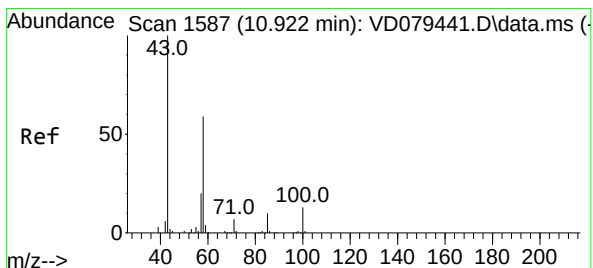
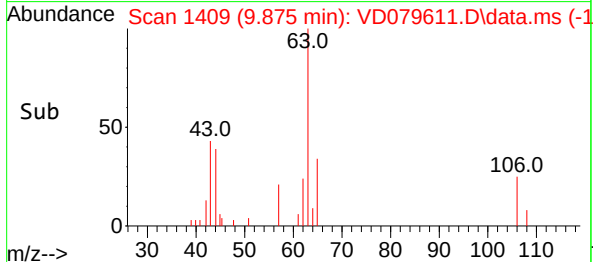
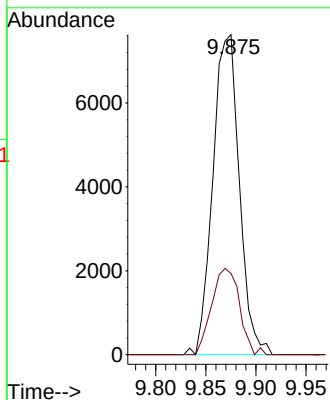
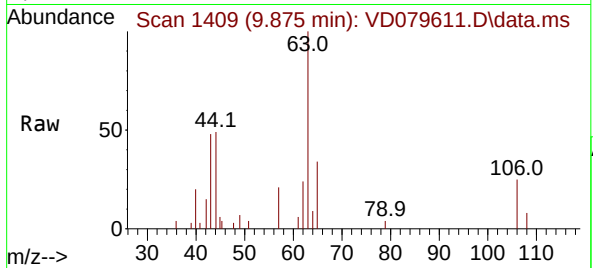




#58
2-Chloroethyl Vinyl ether
Concen: 31.622 ug/l
RT: 9.875 min Scan# 1408
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

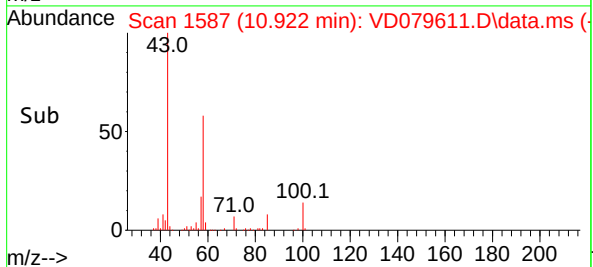
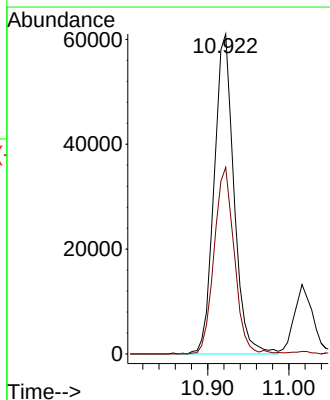
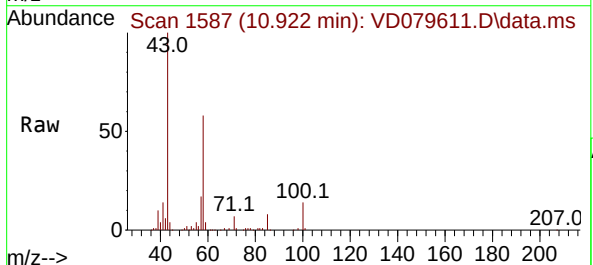
Instrument :
MSVOA_D
ClientSampleId :

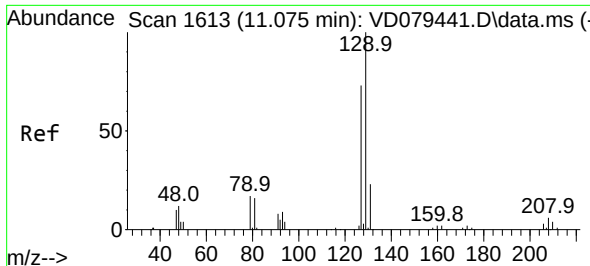
Tgt Ion: 63 Resp: 13979
Ion Ratio Lower Upper
63 100
106 28.3 26.4 39.6



#59
2-Hexanone
Concen: 263.720 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 43 Resp: 103705
Ion Ratio Lower Upper
43 100
58 59.4 31.1 93.5

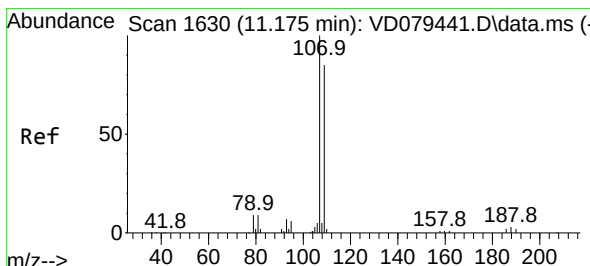
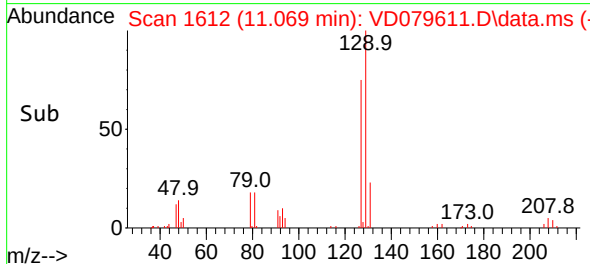
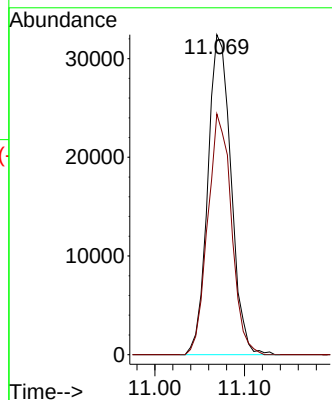
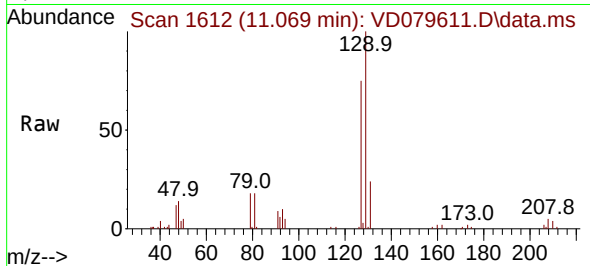




#60
Dibromochloromethane
Concen: 55.090 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

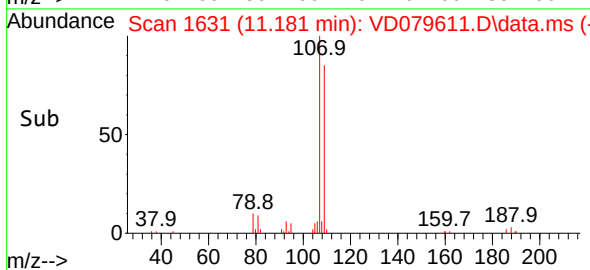
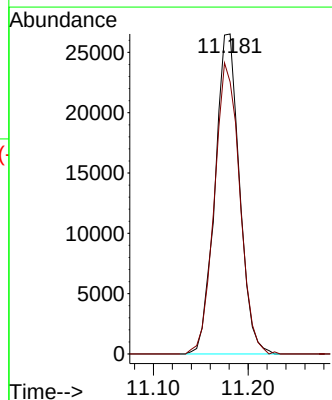
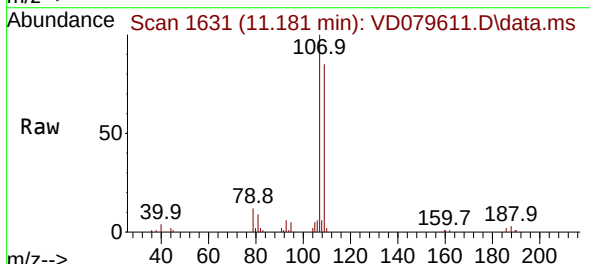
Instrument :
MSVOA_D
ClientSampleId :

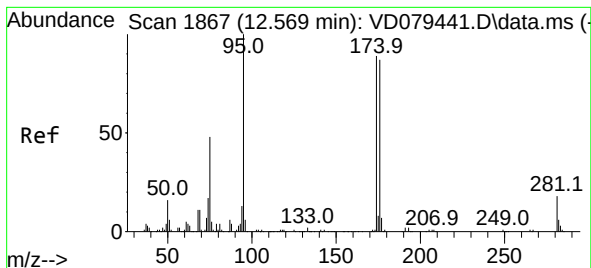
Tgt Ion:129 Resp: 58221
Ion Ratio Lower Upper
129 100
127 76.8 38.0 113.9



#61
1,2-Dibromoethane
Concen: 62.773 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion:107 Resp: 47576
Ion Ratio Lower Upper
107 100
109 94.2 72.0 108.0

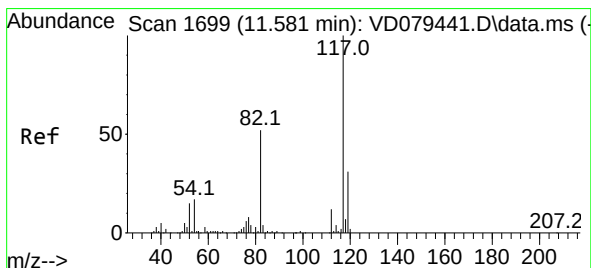
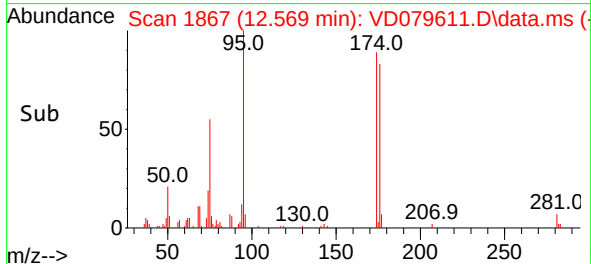
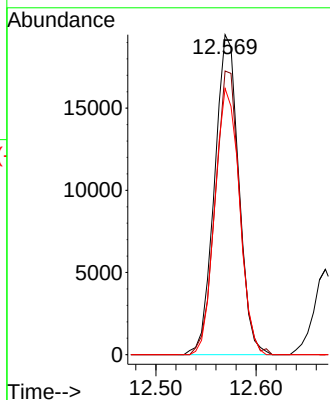
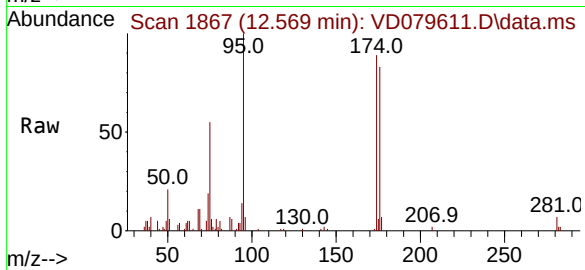




#62
4-Bromofluorobenzene
Concen: 27.681 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

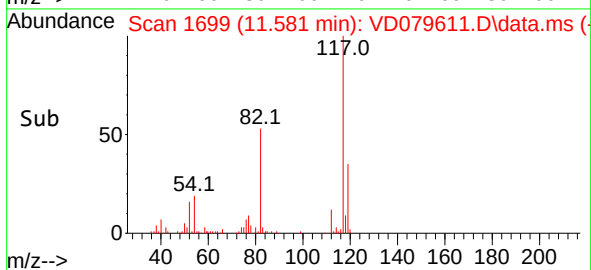
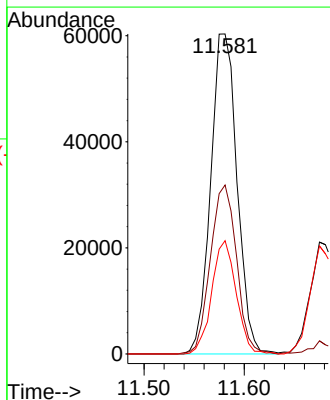
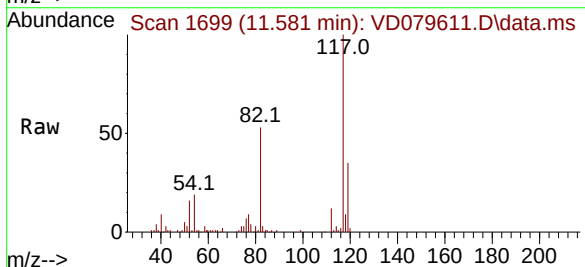
Instrument :
MSVOA_D
ClientSampleId :

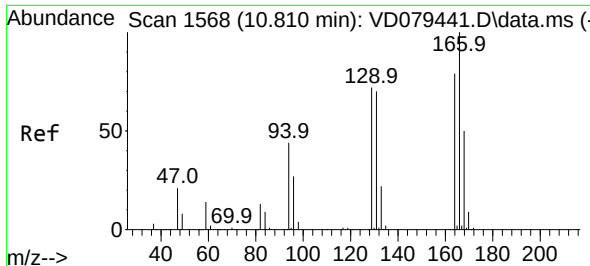
Tgt Ion: 95 Resp: 32664
Ion Ratio Lower Upper
95 100
174 89.2 0.0 195.4
176 85.0 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

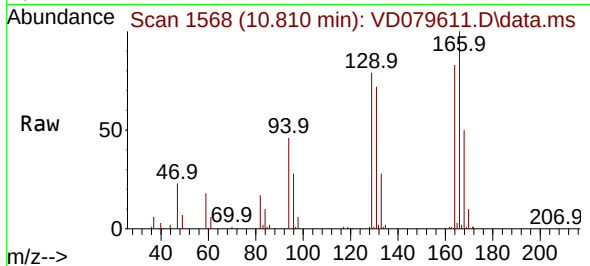
Tgt Ion: 117 Resp: 110308
Ion Ratio Lower Upper
117 100
82 52.8 39.8 59.6
119 35.4 25.7 38.5



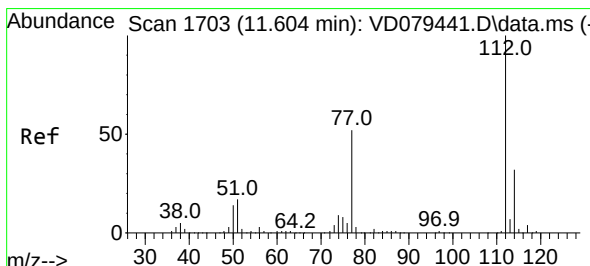
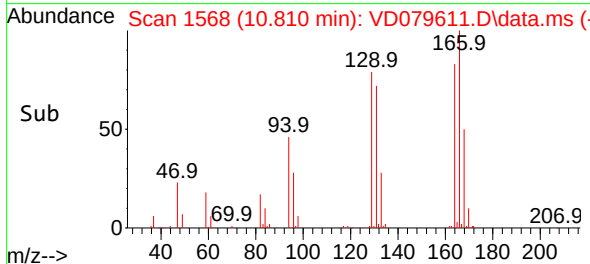
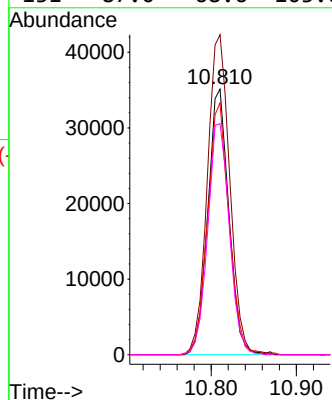


#64
Tetrachloroethene
Concen: 81.278 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Instrument :
MSVOA_D
ClientSampleId :

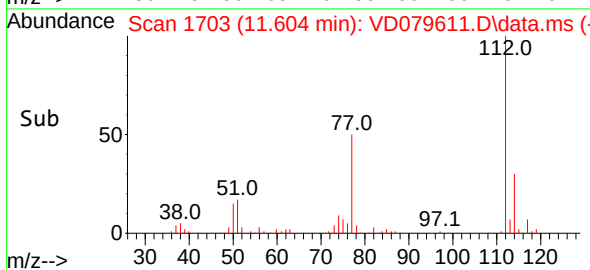
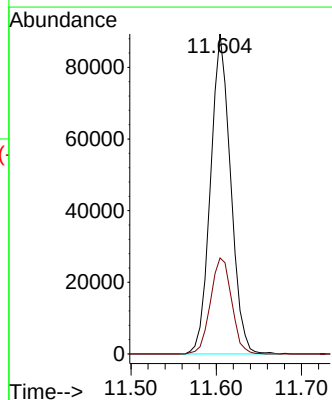
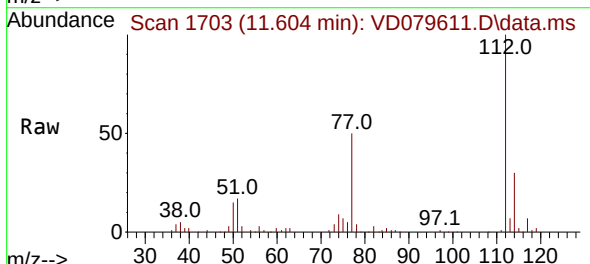


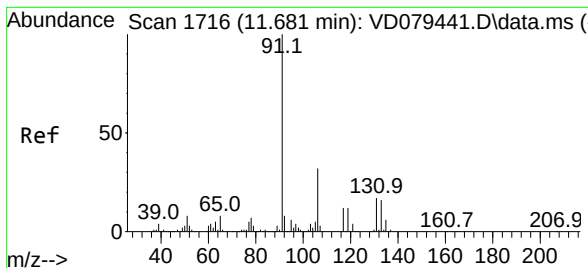
Tgt Ion:164 Resp: 60455
Ion Ratio Lower Upper
164 100
166 120.5 108.6 163.0
129 94.8 74.6 112.0
131 87.0 68.6 103.0



#65
Chlorobenzene
Concen: 59.995 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion:112 Resp: 146545
Ion Ratio Lower Upper
112 100
114 30.0 26.0 39.0

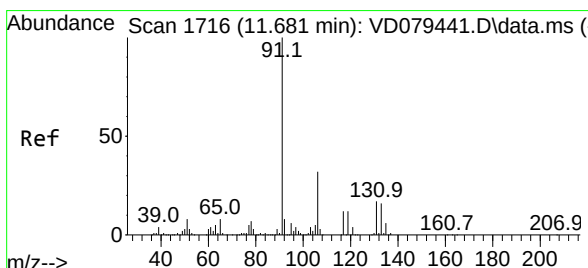
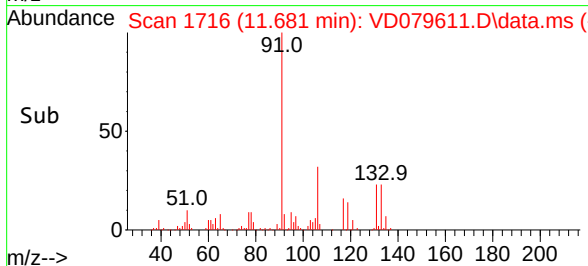
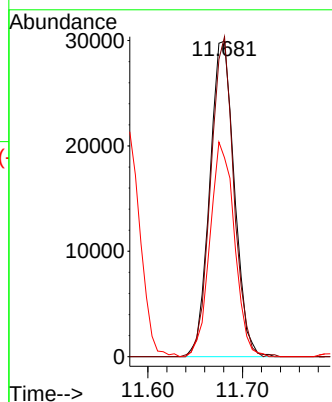
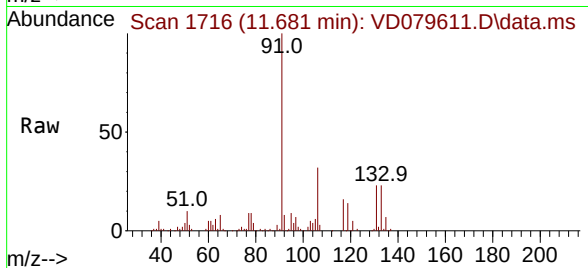




#66
1,1,1,2-Tetrachloroethane
Concen: 67.312 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

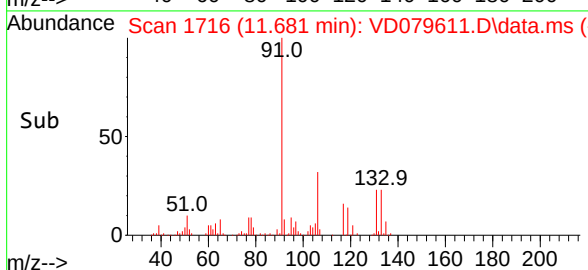
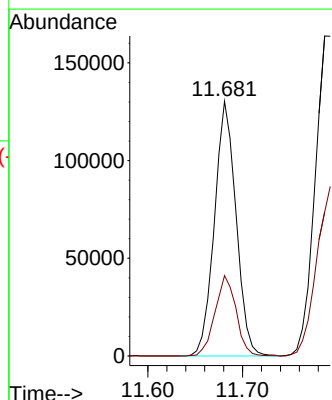
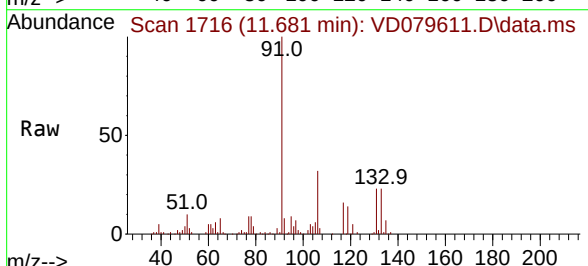
Instrument :
MSVOA_D
ClientSampleId :

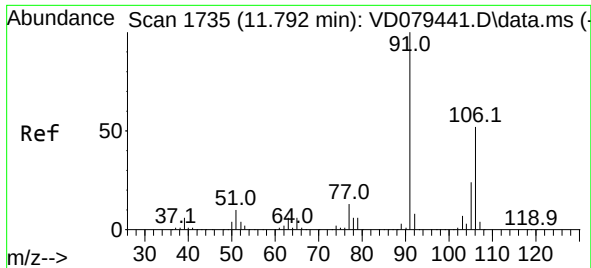
Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	49.2	147.6
119	67.6	33.4	100.2



#67
Ethyl Benzene
Concen: 51.723 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.8	38.6

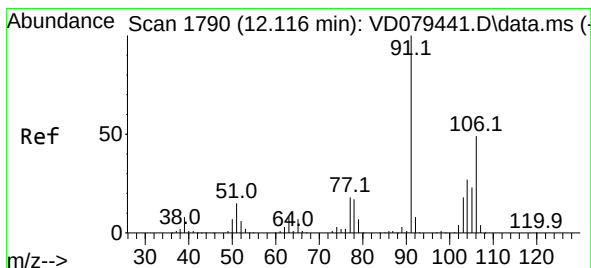
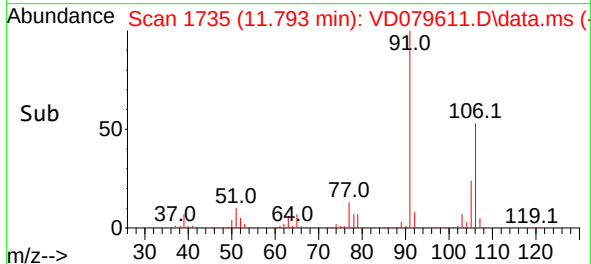
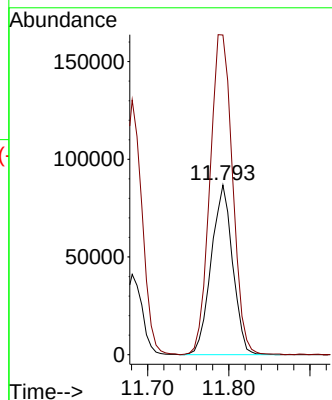
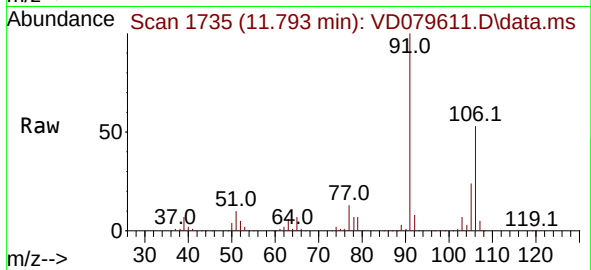




#68
m/p-Xylenes
Concen: 100.416 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

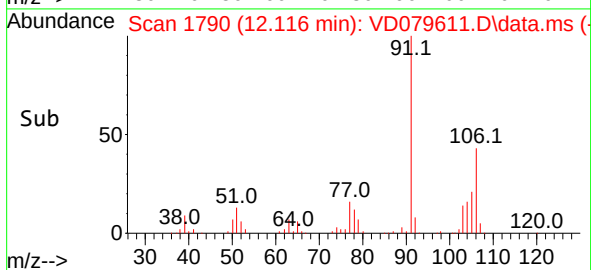
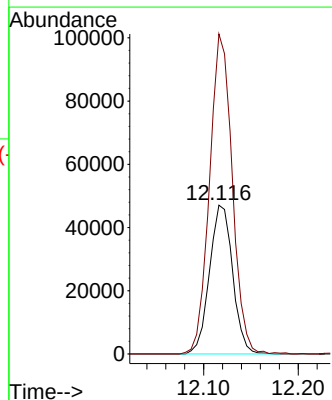
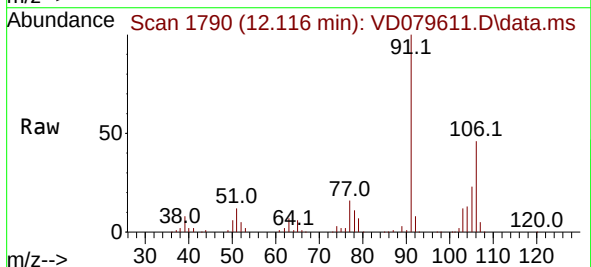
Instrument :
MSVOA_D
ClientSampleId :

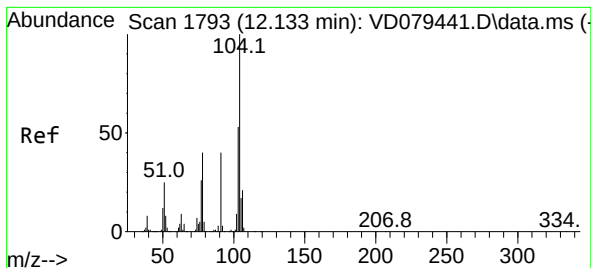
Tgt Ion:106 Resp: 159305
Ion Ratio Lower Upper
106 100
91 199.0 148.5 222.7



#69
o-Xylene
Concen: 54.918 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion:106 Resp: 79858
Ion Ratio Lower Upper
106 100
91 211.5 96.7 290.1





#70

Styrene

Concen: 26.239 ug/l

RT: 12.134 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079611.D

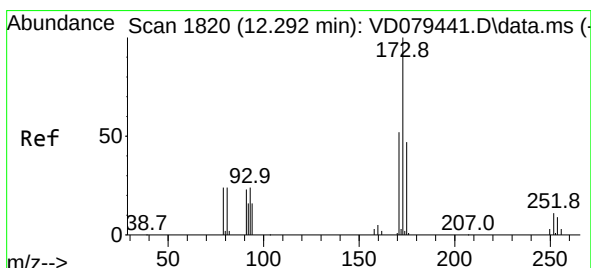
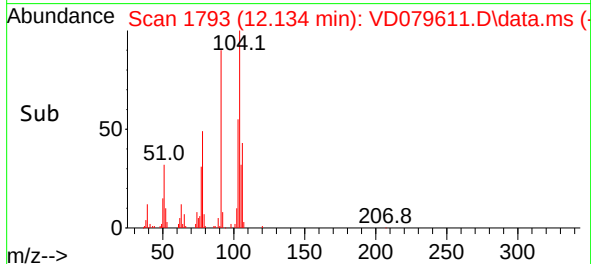
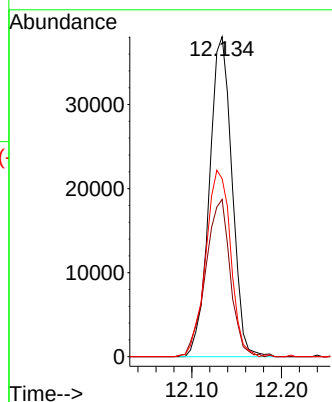
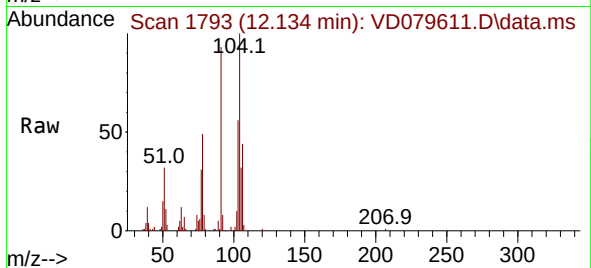
Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:104	Resp:	66892
Ion Ratio	Lower	Upper
104	100	
78	53.5	33.0 49.6#
103	64.2	44.2 66.4



#71

Bromoform

Concen: 65.389 ug/l

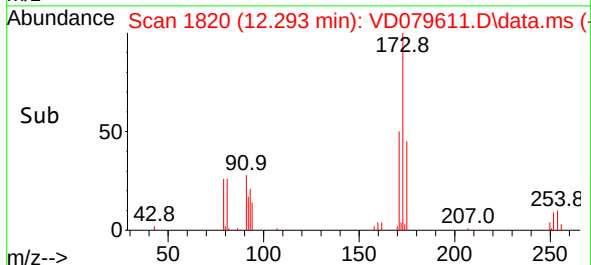
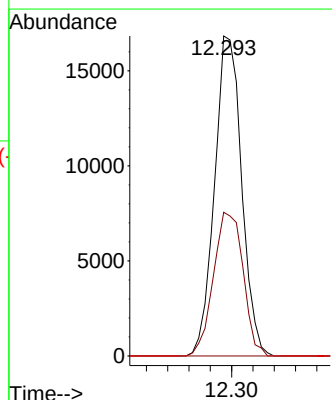
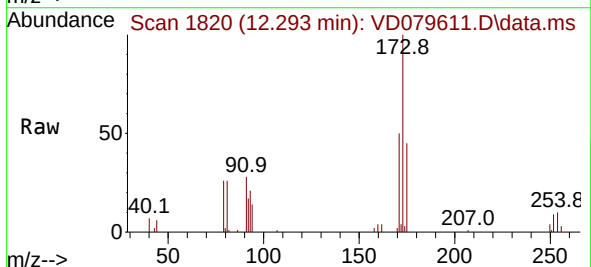
RT: 12.293 min Scan# 1820

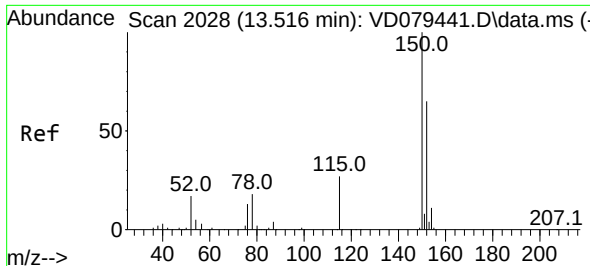
Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

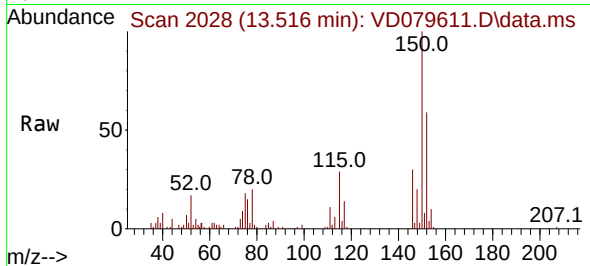
Tgt Ion:173	Resp:	29708
Ion Ratio	Lower	Upper
173	100	
175	49.1	23.7 71.1
254	0.0	0.0 0.0



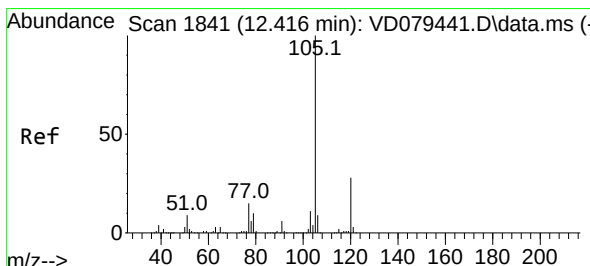
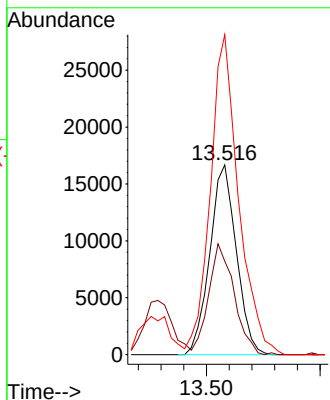
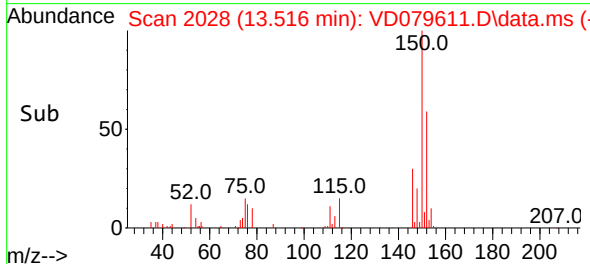


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Instrument :
MSVOA_D
ClientSampleId :

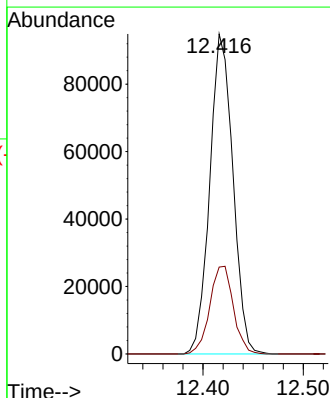
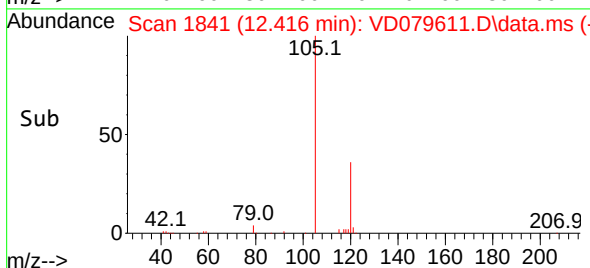
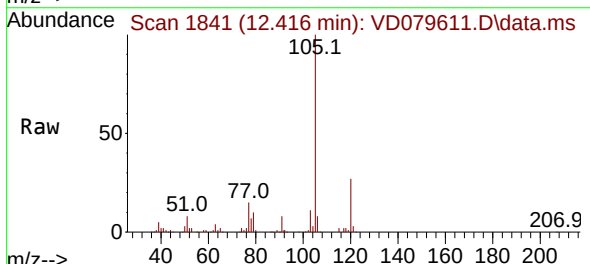


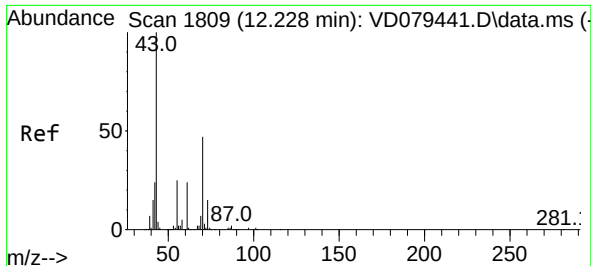
Tgt Ion:152 Resp: 27108
Ion Ratio Lower Upper
152 100
115 56.0 26.5 79.5
150 178.8 0.0 341.6



#73
Isopropylbenzene
Concen: 73.019 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

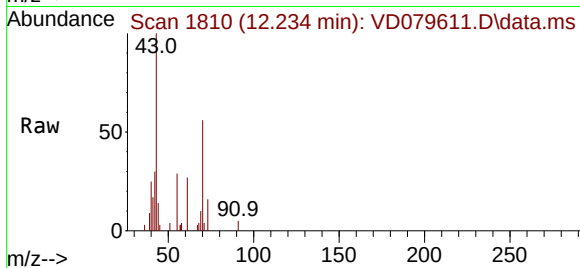
Tgt Ion:105 Resp: 151905
Ion Ratio Lower Upper
105 100
120 28.0 13.6 40.7



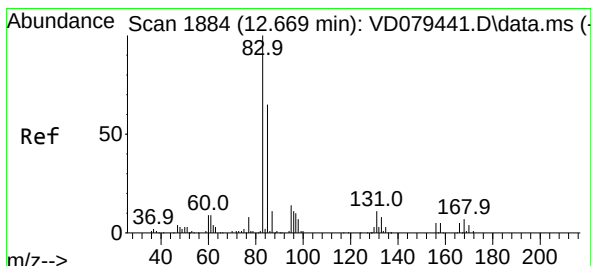
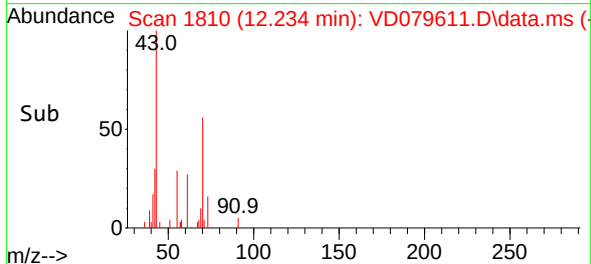
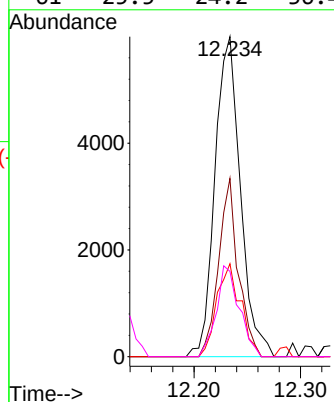


#74
N-amy1 acetate
Concen: 24.965 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Instrument :
MSVOA_D
ClientSampleId :

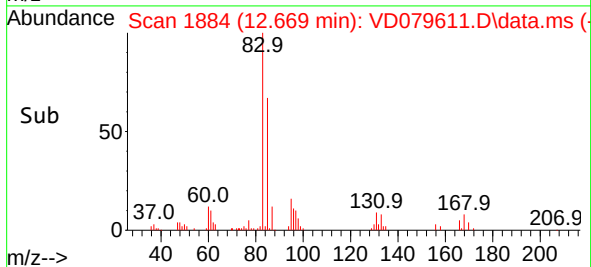
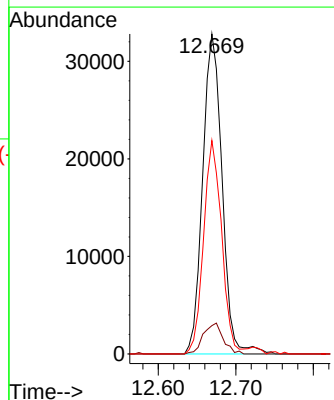
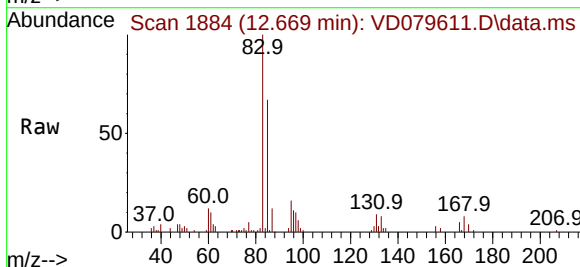


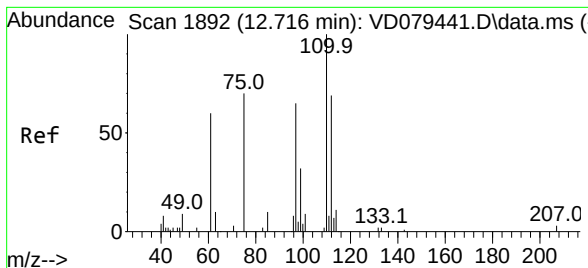
Tgt Ion: 43	Resp: 9954
Ion Ratio	Lower Upper
43 100	
70 43.1	44.3 66.5#
55 27.1	23.2 34.8
61 25.5	24.2 36.4



#75
1,1,2,2-Tetrachloroethane
Concen: 162.157 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 83	Resp: 57105
Ion Ratio	Lower Upper
83 100	
131 9.9	5.5 16.5
85 62.1	33.8 101.3

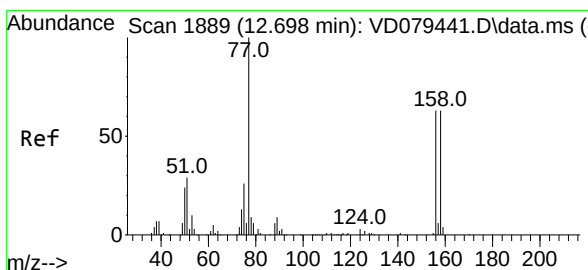
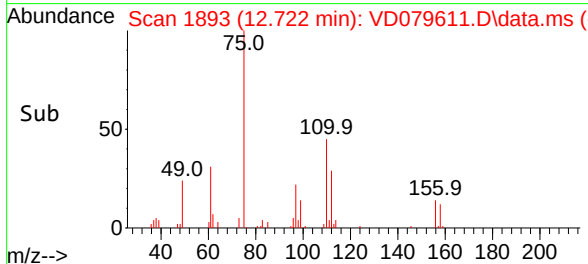
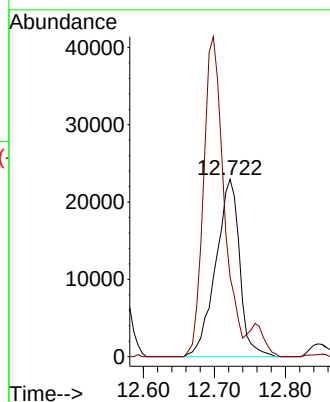
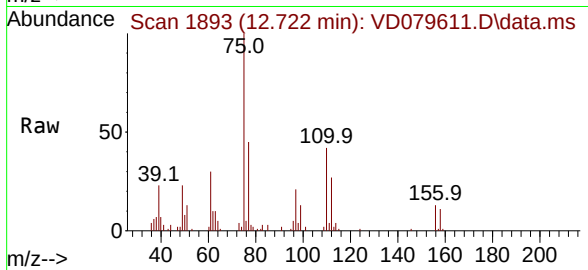




#76
1,2,3-Trichloropropane
Concen: 225.587 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

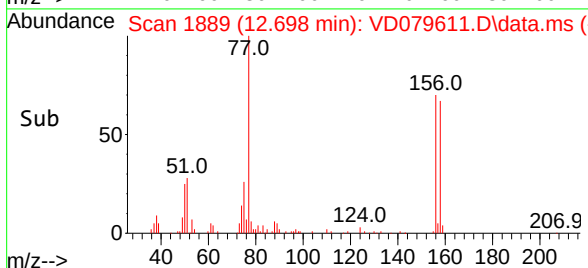
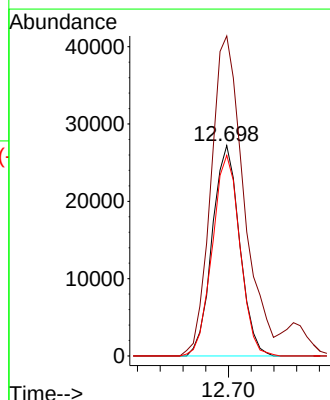
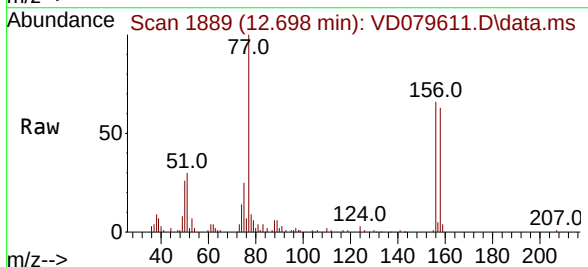
Instrument :
MSVOA_D
ClientSampleId :

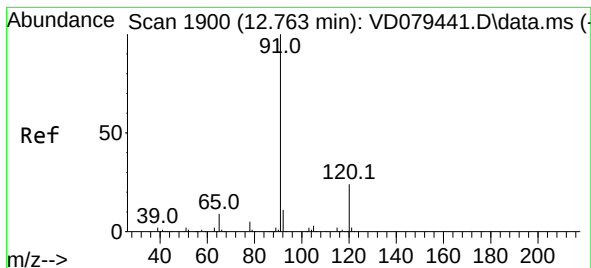
Tgt Ion: 75 Resp: 53453
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 100.288 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion:156 Resp: 45585
Ion Ratio Lower Upper
156 100
77 181.8 77.3 231.9
158 96.1 49.6 149.0





#78

n-propylbenzene

Concen: 69.159 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

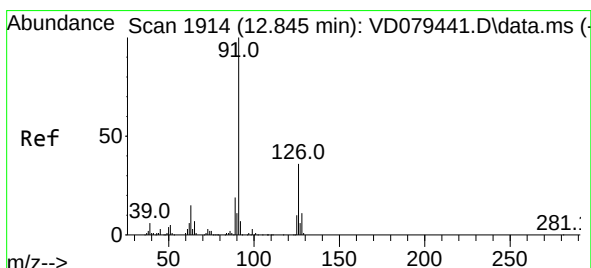
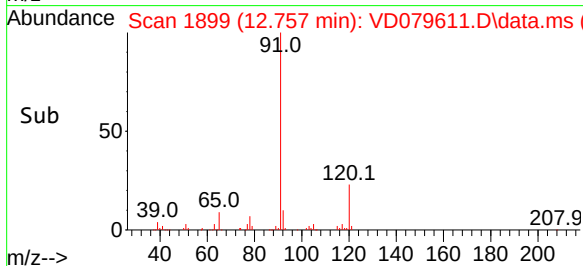
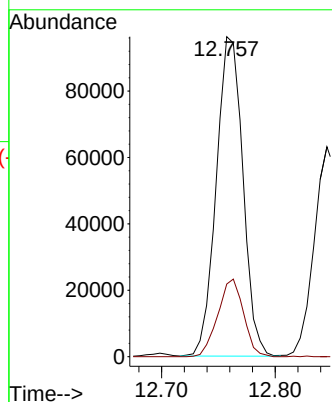
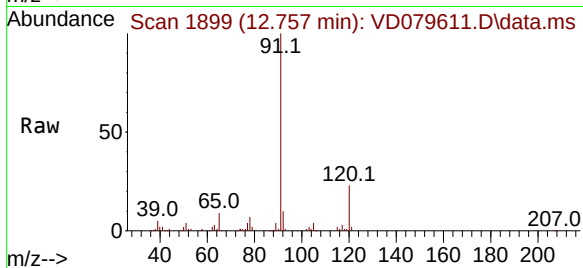
ClientSampleId :

Tgt Ion: 91 Resp: 156712

Ion Ratio Lower Upper

91 100

120 23.4 12.3 36.8



#79

2-Chlorotoluene

Concen: 83.319 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD079611.D

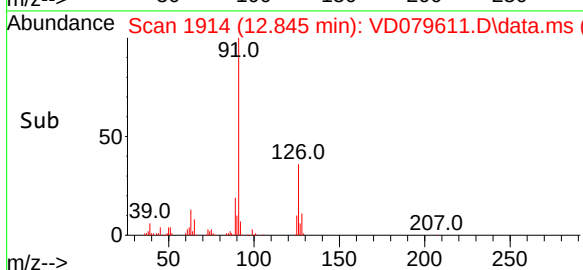
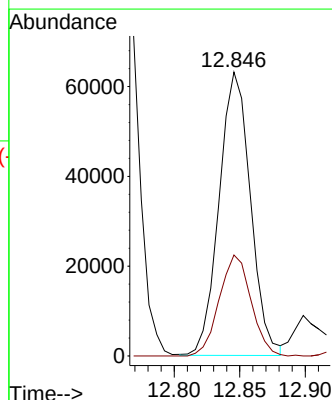
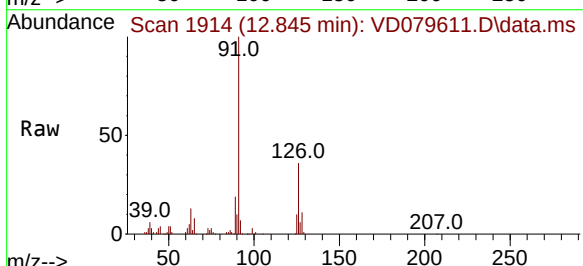
Acq: 06 Aug 2024 06:55

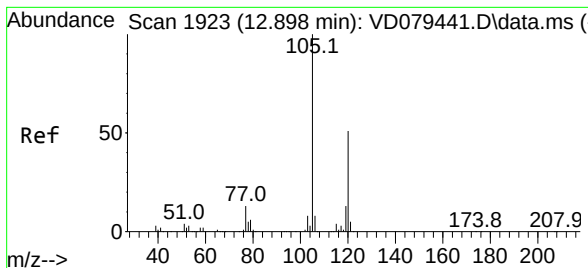
Tgt Ion: 91 Resp: 105126

Ion Ratio Lower Upper

91 100

126 36.0 19.3 57.8

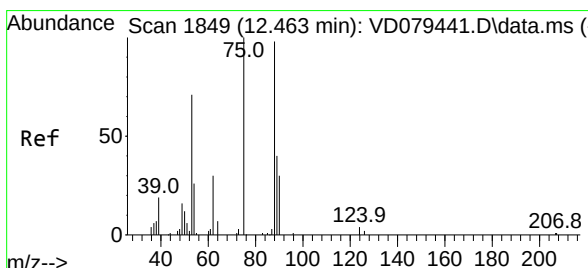
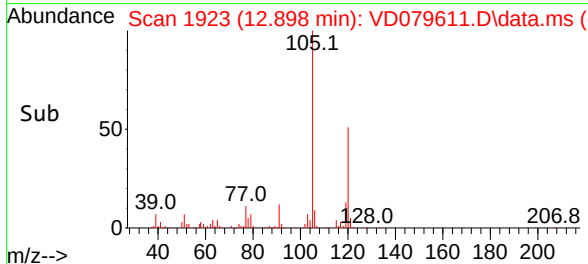
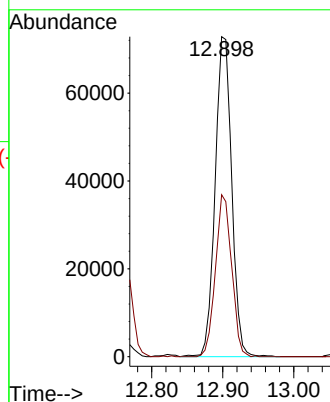
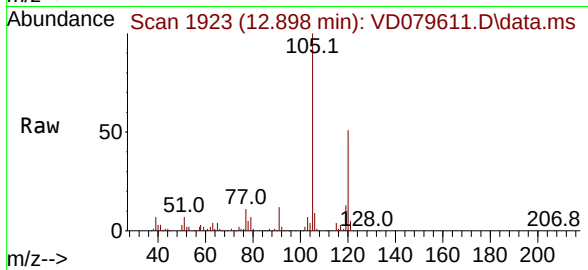




#80
 1,3,5-Trimethylbenzene
 Concen: 77.841 ug/l
 RT: 12.898 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

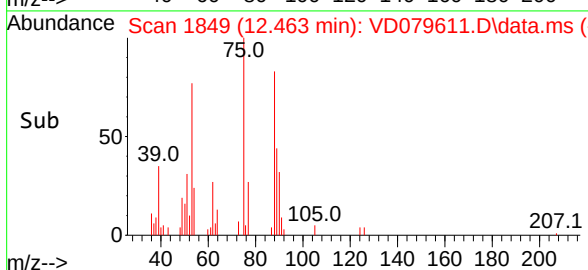
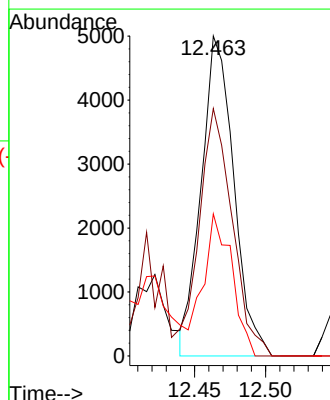
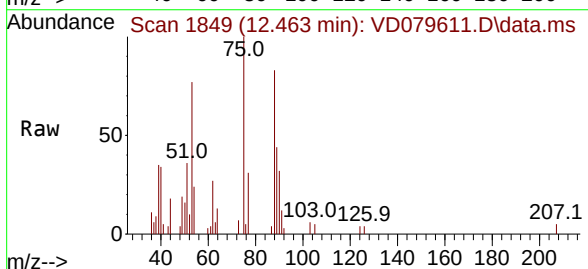
Instrument :
 MSVOA_D
 ClientSampleId :

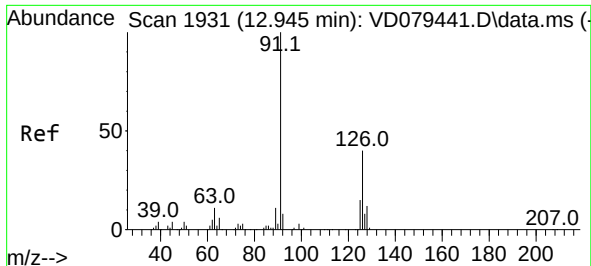
Tgt Ion:105 Resp: 117543
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.7 77.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.144 ug/l
 RT: 12.463 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

Tgt Ion: 75 Resp: 7969
 Ion Ratio Lower Upper
 75 100
 53 77.3 61.4 92.2
 89 38.6 35.4 53.0

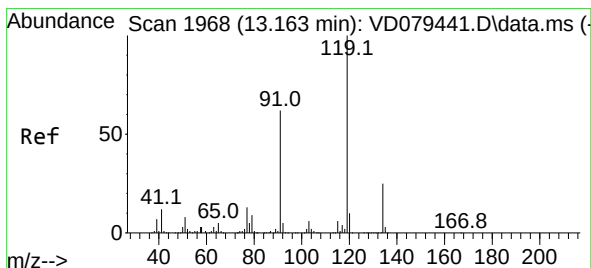
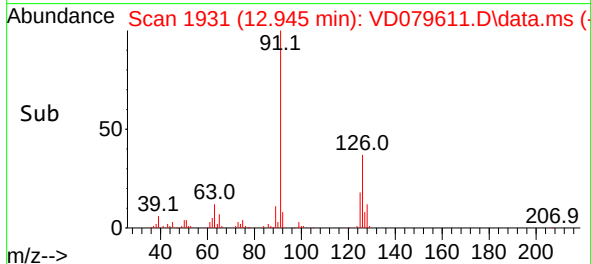
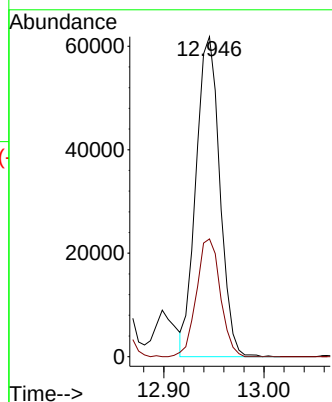
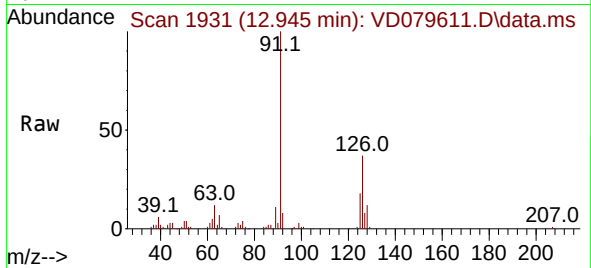




#82
4-Chlorotoluene
Concen: 77.719 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

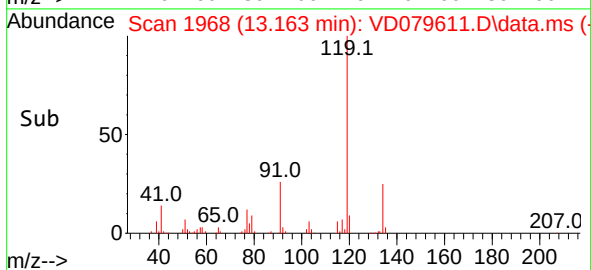
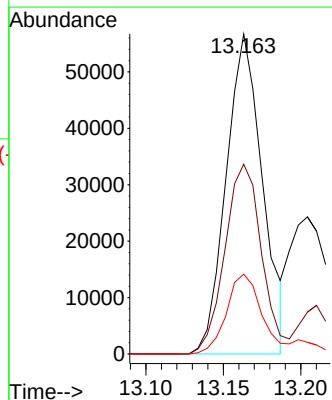
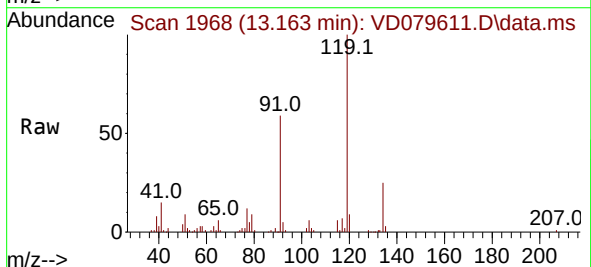
Instrument :
MSVOA_D
ClientSampleId :

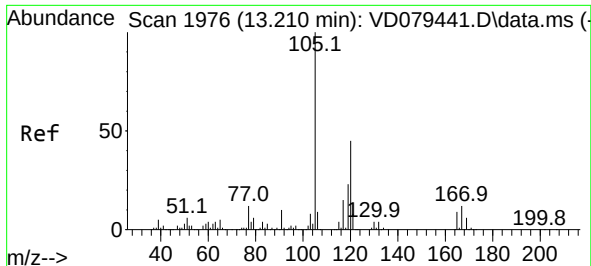
Tgt Ion: 91 Resp: 102226
Ion Ratio Lower Upper
91 100
126 36.8 18.9 56.9



#83
tert-Butylbenzene
Concen: 62.307 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion: 119 Resp: 92543
Ion Ratio Lower Upper
119 100
91 60.2 28.2 84.7
134 24.4 13.4 40.1

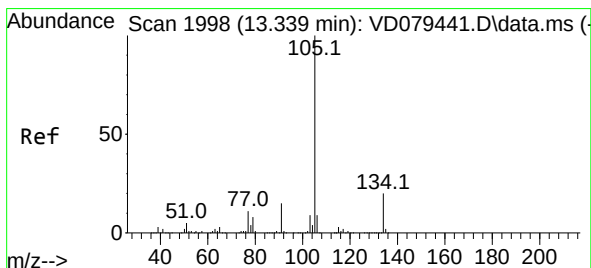
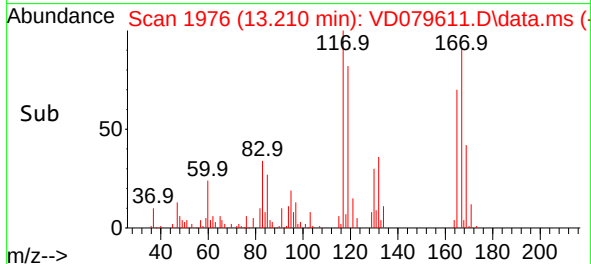
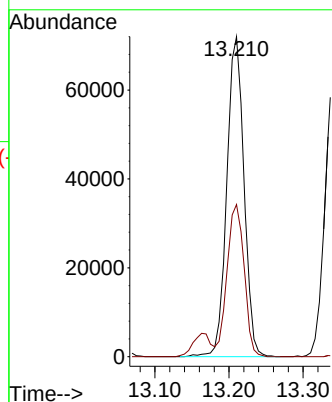
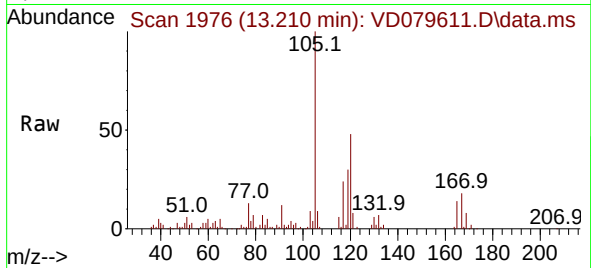




#84
1,2,4-Trimethylbenzene
Concen: 66.979 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

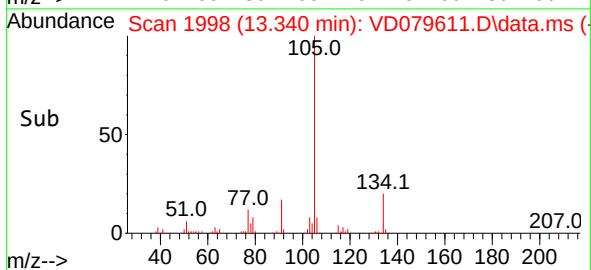
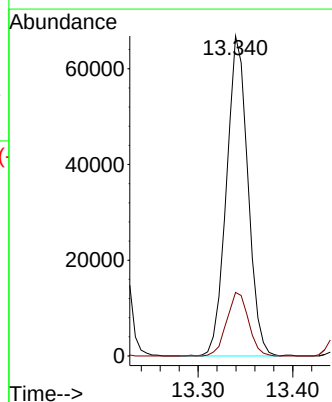
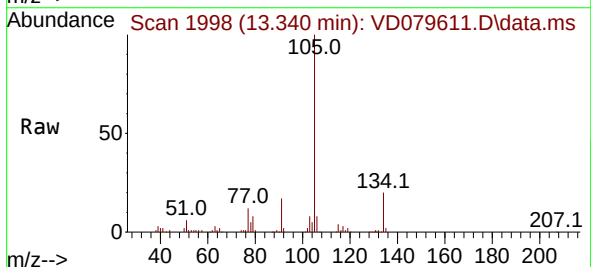
Instrument :
MSVOA_D
ClientSampleId :

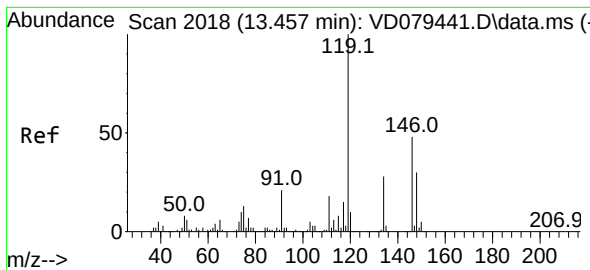
Tgt Ion:105 Resp: 115914
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0



#85
sec-Butylbenzene
Concen: 52.272 ug/l
RT: 13.340 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

Tgt Ion:105 Resp: 104988
Ion Ratio Lower Upper
105 100
134 20.2 10.3 30.8





#86

p-Isopropyltoluene

Concen: 45.626 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

ClientSampleId :

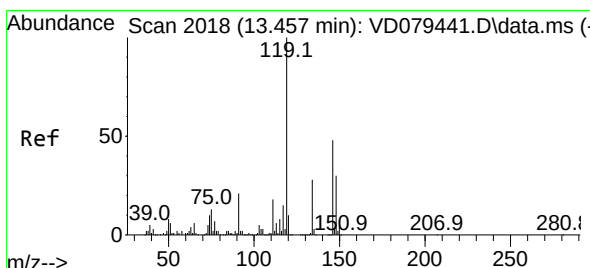
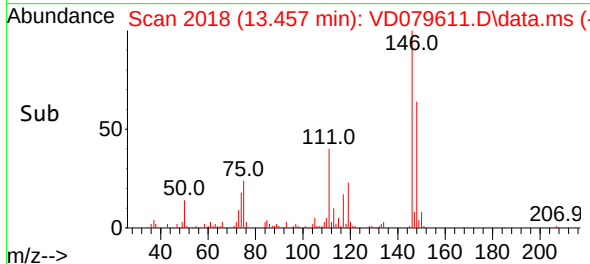
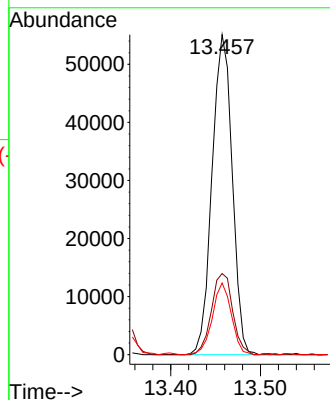
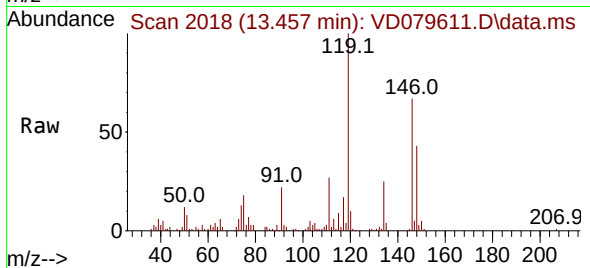
Tgt Ion:119 Resp: 86017

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

91 21.2 10.7 32.1



#87

1,3-Dichlorobenzene

Concen: 65.952 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

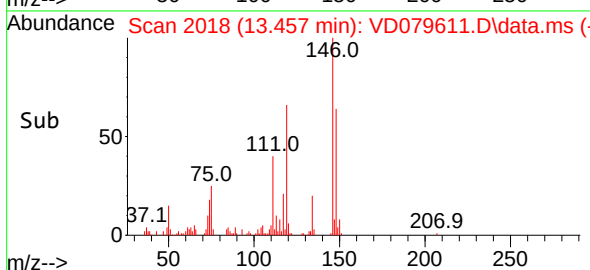
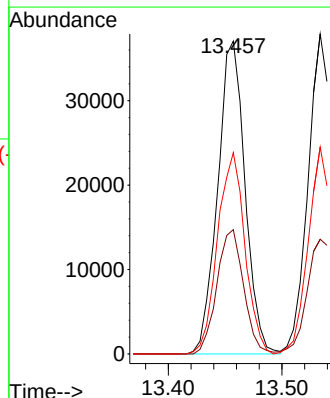
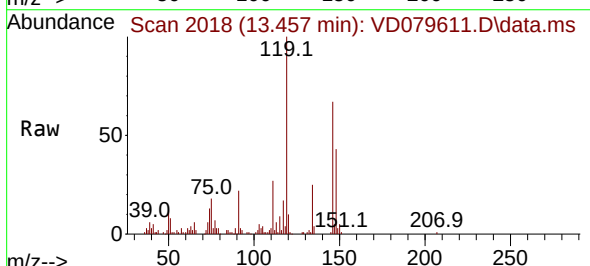
Tgt Ion:146 Resp: 62097

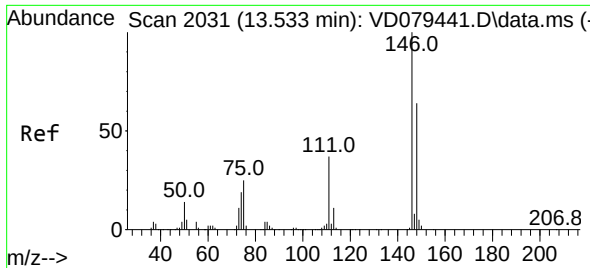
Ion Ratio Lower Upper

146 100

111 38.7 18.5 55.5

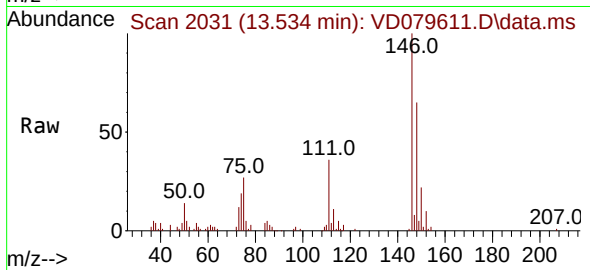
148 64.2 30.9 92.8



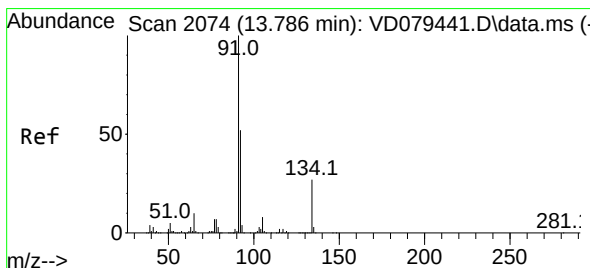
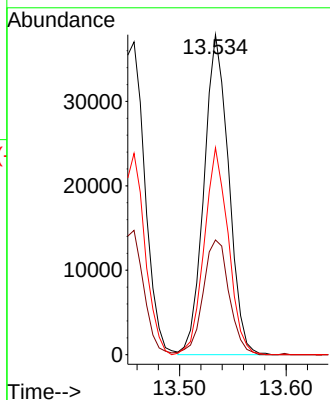
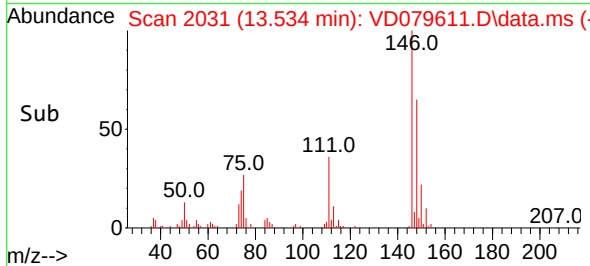


#88
1,4-Dichlorobenzene
Concen: 65.926 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55

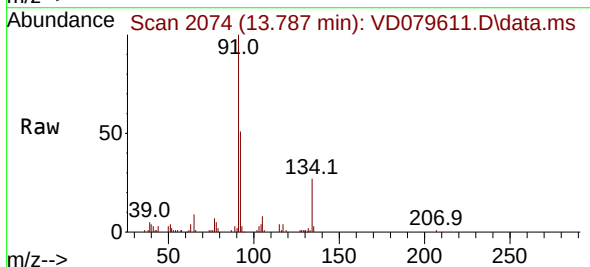
Instrument :
MSVOA_D
ClientSampleId :



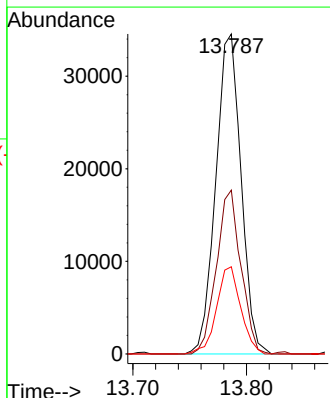
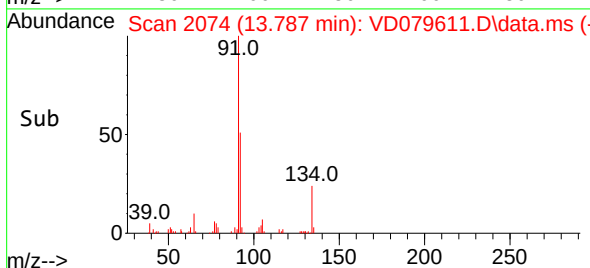
Tgt Ion:146 Resp: 61026
Ion Ratio Lower Upper
146 100
111 37.9 17.5 52.6
148 63.1 31.4 94.2

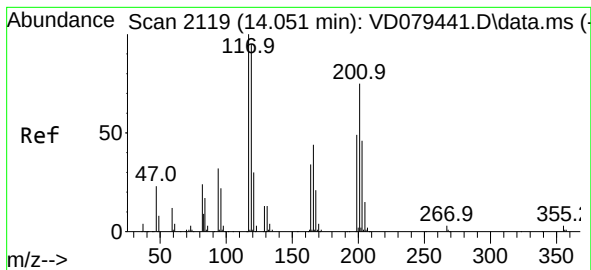


#89
n-Butylbenzene
Concen: 31.932 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079611.D
Acq: 06 Aug 2024 06:55



Tgt Ion: 91 Resp: 53446
Ion Ratio Lower Upper
91 100
92 49.5 25.7 77.0
134 26.1 13.6 40.8





#90

Hexachloroethane

Concen: 53.337 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.006 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

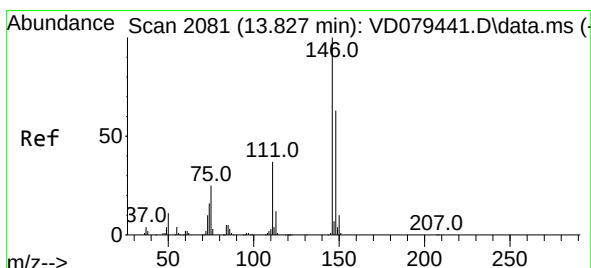
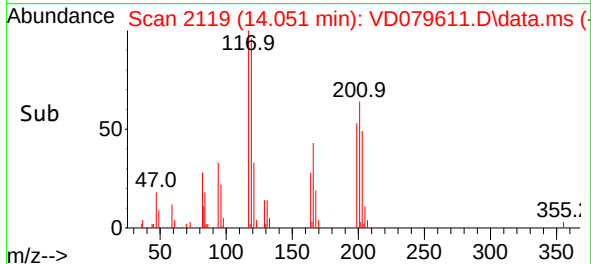
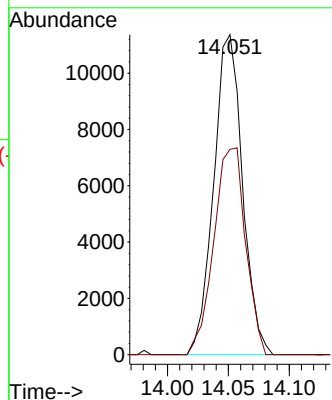
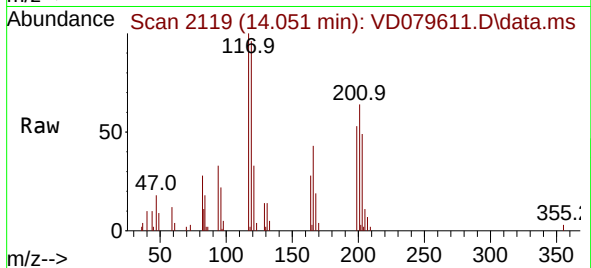
ClientSampleId :

Tgt Ion:117 Resp: 18737

Ion Ratio Lower Upper

117 100

201 71.2 36.3 108.9



#91

1,2-Dichlorobenzene

Concen: 73.112 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

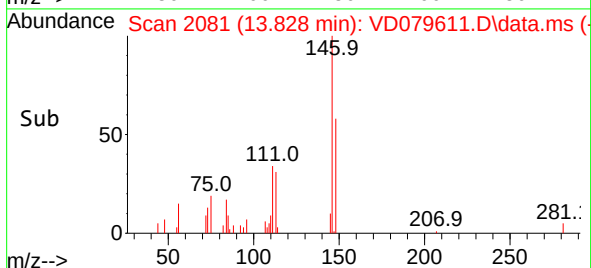
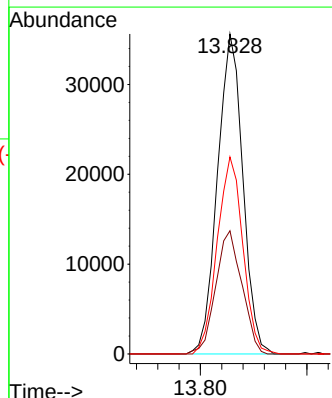
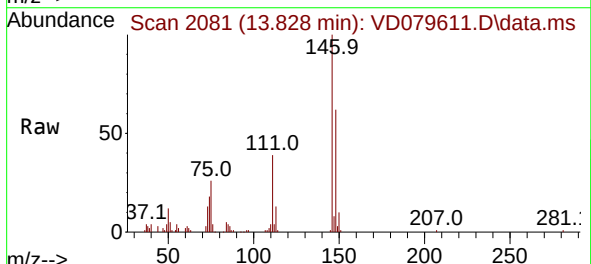
Tgt Ion:146 Resp: 58832

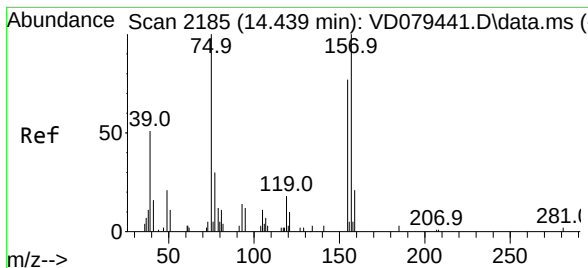
Ion Ratio Lower Upper

146 100

111 39.8 19.1 57.1

148 62.2 31.1 93.5

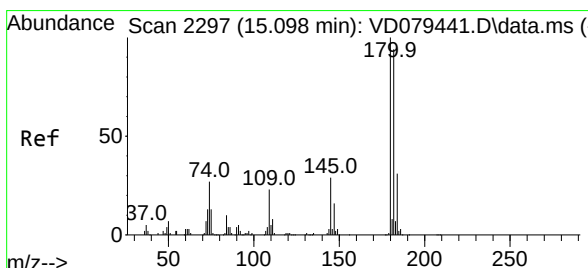
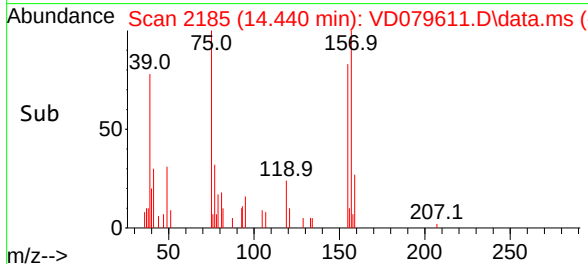
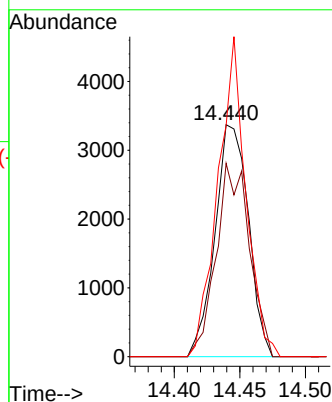
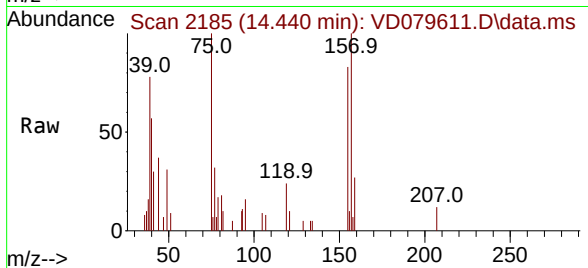




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 127.193 ug/l
 RT: 14.440 min Scan# 2185
 Delta R.T. -0.006 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

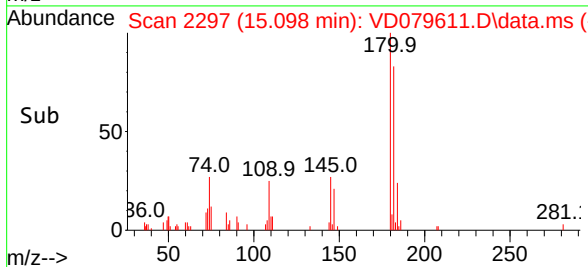
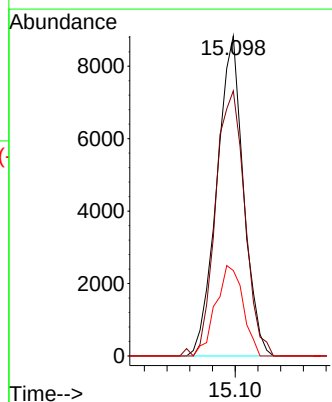
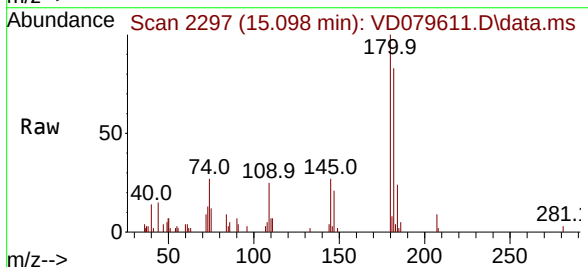
Instrument :
 MSVOA_D
 ClientSampleId :

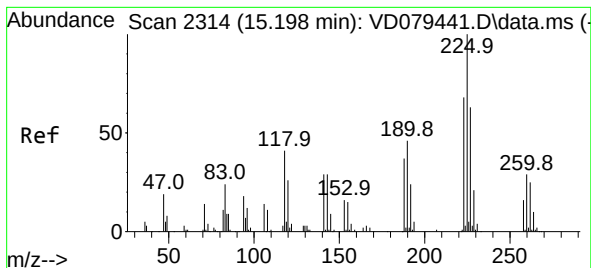
Tgt Ion: 75 Resp: 5960
 Ion Ratio Lower Upper
 75 100
 155 83.2 47.7 143.1
 157 115.5 63.4 190.2



#93
 1,2,4-Trichlorobenzene
 Concen: 28.377 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.006 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

Tgt Ion:180 Resp: 14387
 Ion Ratio Lower Upper
 180 100
 182 90.8 46.9 140.7
 145 28.9 14.0 41.9





#94

Hexachlorobutadiene

Concen: 16.939 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

Instrument :

MSVOA_D

ClientSampleId :

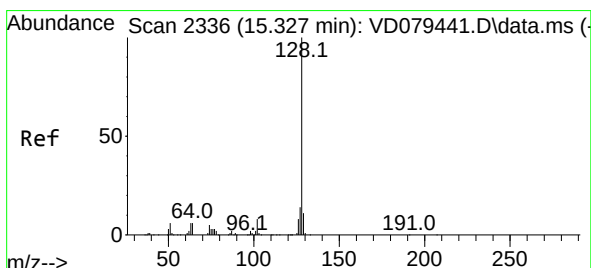
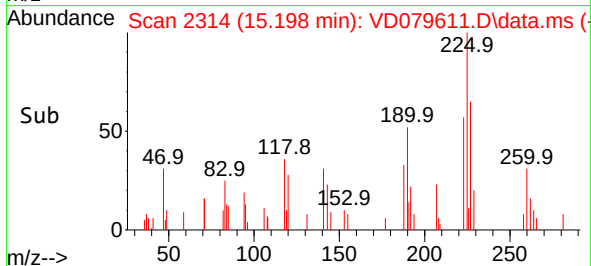
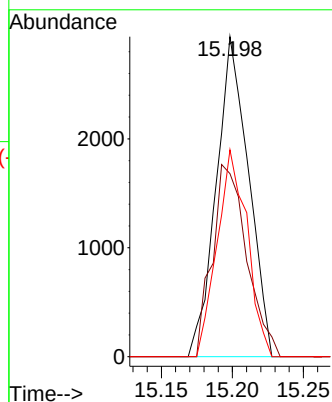
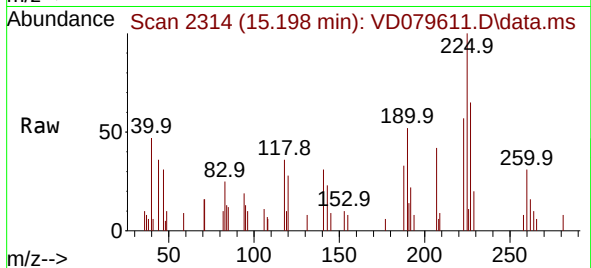
Tgt Ion:225 Resp: 4635

Ion Ratio Lower Upper

225 100

223 64.2 33.3 99.9

227 60.2 33.6 100.6



#95

Naphthalene

Concen: 50.126 ug/l

RT: 15.322 min Scan# 2335

Delta R.T. -0.006 min

Lab File: VD079611.D

Acq: 06 Aug 2024 06:55

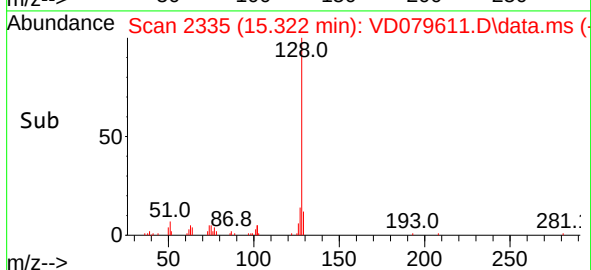
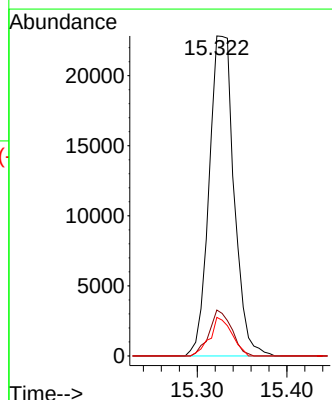
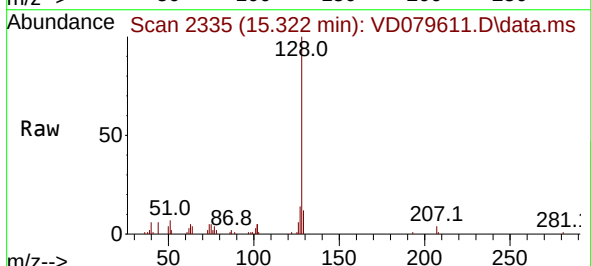
Tgt Ion:128 Resp: 43986

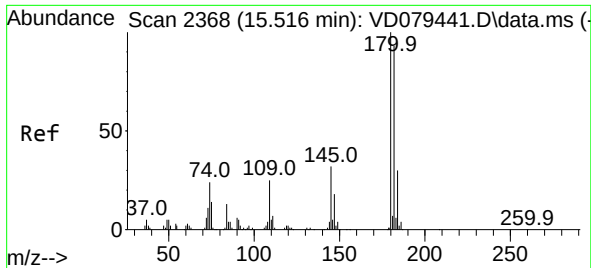
Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.4

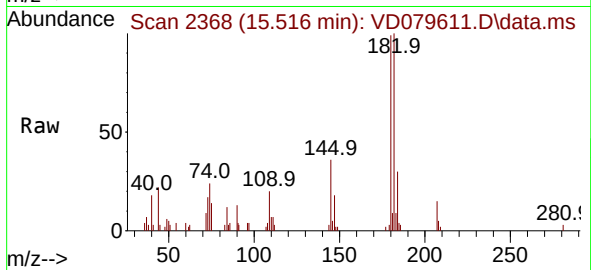
129 12.0 8.5 12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 29.506 ug/l
 RT: 15.516 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD079611.D
 Acq: 06 Aug 2024 06:55

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	13159
Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.8	143.3
145	30.4	16.1	48.2

