

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101424\
 Data File : VD079977.D
 Acq On : 14 Oct 2024 15:51
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 15 03:13:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	232108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	124526	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83954	51.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.480%	
35) Dibromofluoromethane	7.805	113	89424	53.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.760%	
50) Toluene-d8	10.269	98	311584	52.192	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.575	95	113229	54.332	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	57149	40.373	ug/l	97
3) Chloromethane	2.146	50	51508	35.428	ug/l	88
4) Vinyl Chloride	2.287	62	64309	35.576	ug/l	92
5) Bromomethane	2.693	94	61818	39.752	ug/l	100
6) Chloroethane	2.840	64	48279	39.123	ug/l	99
7) Trichlorofluoromethane	3.175	101	121760	42.993	ug/l	100
8) Diethyl Ether	3.593	74	38282	49.209	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	76856	44.184	ug/l	100
10) Methyl Iodide	4.164	142	84889	49.769	ug/l	98
11) Tert butyl alcohol	5.058	59	23699	236.503	ug/l	100
12) 1,1-Dichloroethene	3.940	96	70733	45.710	ug/l	97
13) Acrolein	3.799	56	21785	202.761	ug/l	98
14) Allyl chloride	4.558	41	110063	47.886	ug/l	98
15) Acrylonitrile	5.252	53	94584	254.450	ug/l	99
16) Acetone	4.022	43	85597	201.567	ug/l	97
17) Carbon Disulfide	4.269	76	180485	41.842	ug/l	97
18) Methyl Acetate	4.564	43	47307	51.895	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	189244	52.952	ug/l	97
20) Methylene Chloride	4.805	84	95866	53.787	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	82424	49.605	ug/l	98
22) Diisopropyl ether	6.216	45	262370	52.635	ug/l #	98
23) Vinyl Acetate	6.152	43	718044	256.379	ug/l	100
24) 1,1-Dichloroethane	6.110	63	159409	48.540	ug/l	98
25) 2-Butanone	7.081	43	119116	230.353	ug/l	96
26) 2,2-Dichloropropane	7.075	77	127556	44.892	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	103889	50.278	ug/l	99
28) Bromochloromethane	7.422	49	73596	52.505	ug/l #	98
29) Tetrahydrofuran	7.446	42	72969	263.852	ug/l	98
30) Chloroform	7.599	83	176433	50.717	ug/l	96
31) Cyclohexane	7.875	56	103682	41.648	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	139805	48.515	ug/l	98
36) 1,1-Dichloropropene	8.005	75	102816	45.791	ug/l	99
37) Ethyl Acetate	7.169	43	55020	50.615	ug/l	97
38) Carbon Tetrachloride	7.993	117	121165	48.560	ug/l	97
39) Methylcyclohexane	9.275	83	111944	44.429	ug/l	98
40) Benzene	8.252	78	354593	49.939	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28293	49.562	ug/l	97
42) 1,2-Dichloroethane	8.328	62	97248	49.802	ug/l	99
43) Isopropyl Acetate	8.357	43	101120	50.493	ug/l	99
44) Trichloroethene	9.028	130	86497	49.244	ug/l	96
45) 1,2-Dichloropropane	9.304	63	92023	51.108	ug/l	95
46) Dibromomethane	9.393	93	51677	52.017	ug/l	99
47) Bromodichloromethane	9.587	83	135400	51.390	ug/l	99
48) Methyl methacrylate	9.381	41	47528	52.687	ug/l	97
49) 1,4-Dioxane	9.387	88	10858	994.660	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	274180	267.607	ug/l	100
52) Toluene	10.334	92	225143	51.788	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	115831	50.204	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	136296	50.063	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	72554	51.993	ug/l	97
56) Ethyl methacrylate	10.598	69	88891	54.526	ug/l	98
57) 1,3-Dichloropropane	10.881	76	119103	52.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	185829	308.044	ug/l	98
59) 2-Hexanone	10.922	43	189359	249.541	ug/l	99
60) Dibromochloromethane	11.075	129	96498	53.222	ug/l	99
61) 1,2-Dibromoethane	11.181	107	67387	52.469	ug/l	98
64) Tetrachloroethene	10.810	164	77554	49.944	ug/l	91
65) Chlorobenzene	11.604	112	255658	49.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	95398	51.828	ug/l	96
67) Ethyl Benzene	11.681	91	433604	50.035	ug/l	98
68) m/p-Xylenes	11.793	106	335699	100.938	ug/l	99
69) o-Xylene	12.122	106	158001	51.348	ug/l	96
70) Styrene	12.134	104	289975	52.957	ug/l	99
71) Bromoform	12.298	173	56900	51.402	ug/l #	100
73) Isopropylbenzene	12.422	105	410906	48.506	ug/l	100
74) N-amyl acetate	12.234	43	101044	49.318	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	86859	50.571	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	106438	77.476	ug/l #	100
77) Bromobenzene	12.698	156	108067	49.310	ug/l	100
78) n-propylbenzene	12.763	91	515468	48.944	ug/l	100
79) 2-Chlorotoluene	12.851	91	302606	49.456	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	358303	50.185	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	28887	46.925	ug/l	98
82) 4-Chlorotoluene	12.945	91	324036	49.294	ug/l	99
83) tert-Butylbenzene	13.169	119	311517	50.908	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	362264	50.528	ug/l	99
85) sec-Butylbenzene	13.345	105	472654	50.257	ug/l	99
86) p-Isopropyltoluene	13.457	119	388630	49.533	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	221404	49.378	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	215786	48.167	ug/l	98
89) n-Butylbenzene	13.787	91	358417	47.231	ug/l	99
90) Hexachloroethane	14.051	117	83242	47.998	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	194456	49.644	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13276	46.292	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	119133	48.533	ug/l	98
94) Hexachlorobutadiene	15.204	225	62982	46.594	ug/l	98
95) Naphthalene	15.334	128	220587	50.388	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	108944	50.080	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Oct 14 03:20:54 2024
Response via : Initial Calibration

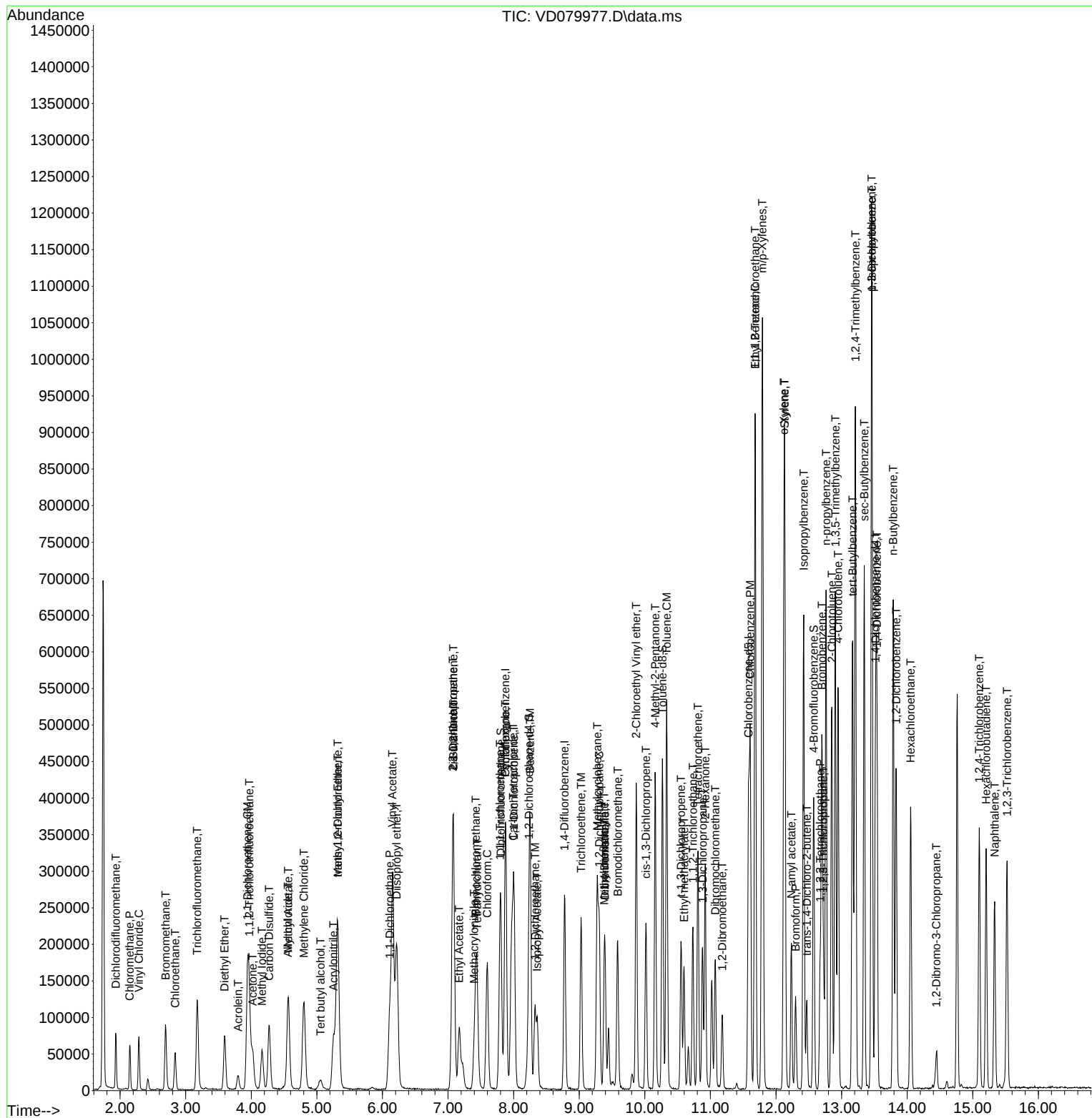
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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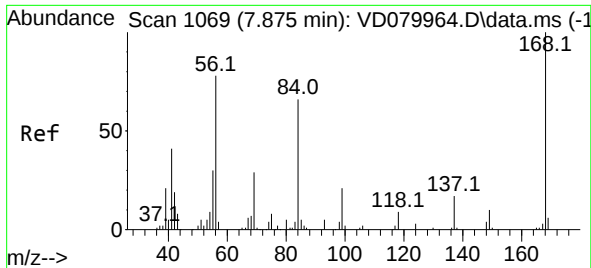
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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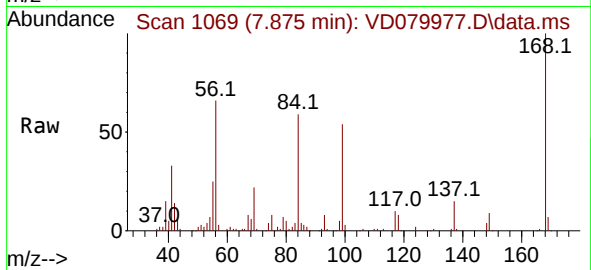
Quant Time: Oct 15 03:13:22 2024
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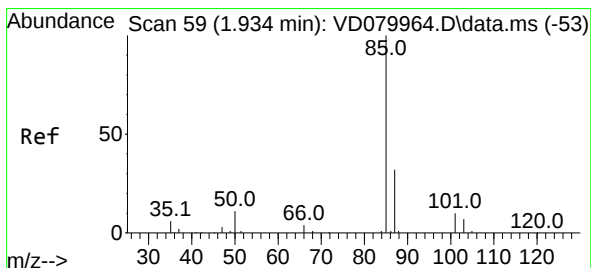
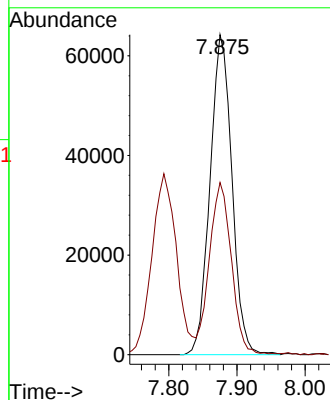
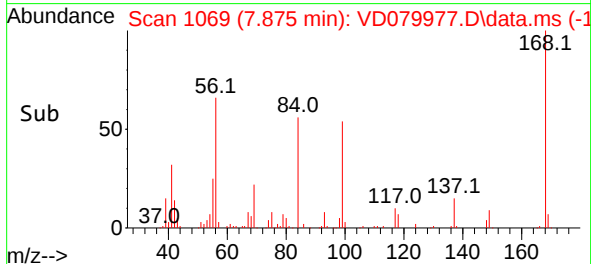


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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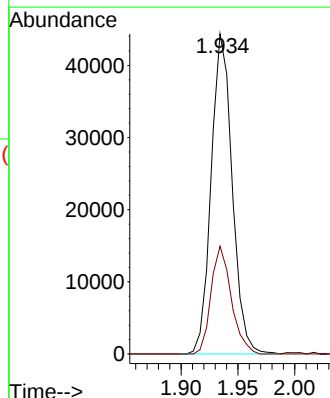
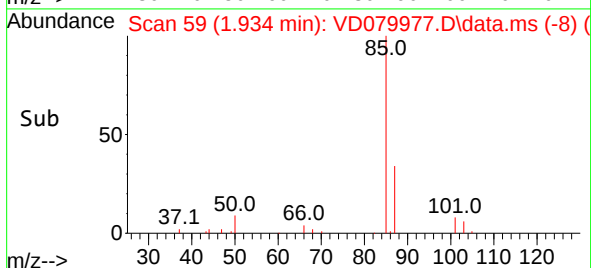
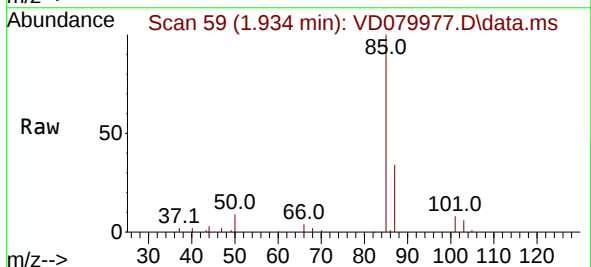


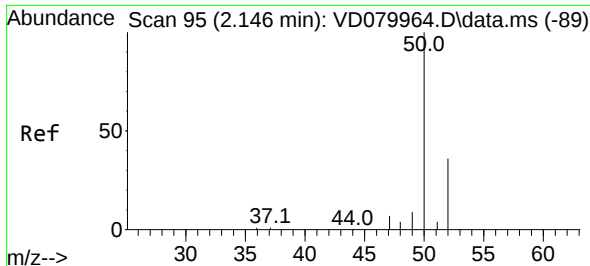
Tgt Ion:168 Resp: 144023
Ion Ratio Lower Upper
168 100
99 53.4 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 40.373 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

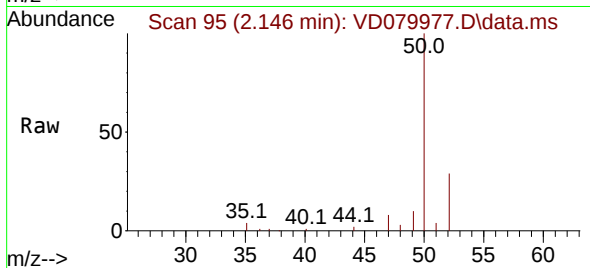
Tgt Ion: 85 Resp: 57149
Ion Ratio Lower Upper
85 100
87 33.6 16.1 48.2



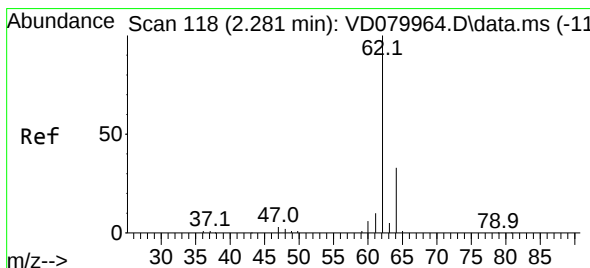
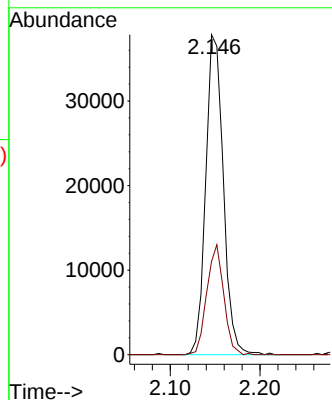
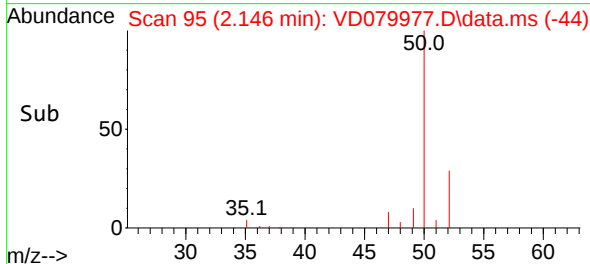


#3
Chloromethane
Concen: 35.428 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Instrument :
MSVOA_D
ClientSampleId :

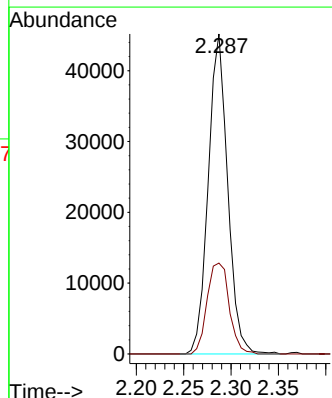
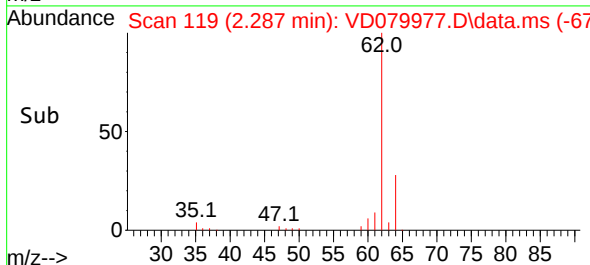
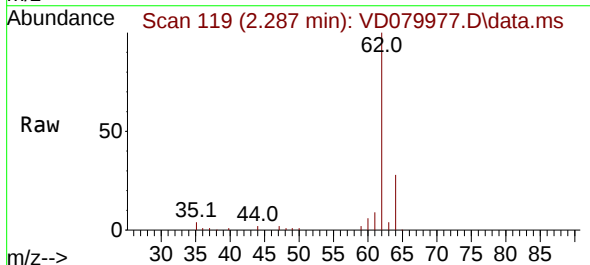


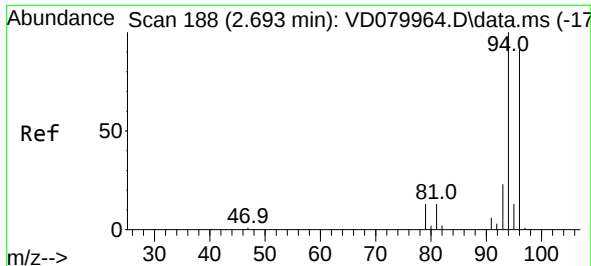
Tgt Ion: 50 Resp: 51508
Ion Ratio Lower Upper
50 100
52 29.2 28.8 43.2



#4
Vinyl Chloride
Concen: 35.576 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 62 Resp: 64309
Ion Ratio Lower Upper
62 100
64 28.4 26.5 39.7

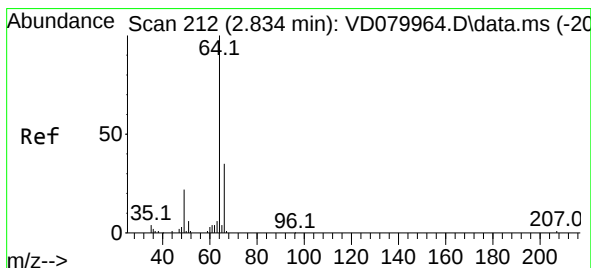
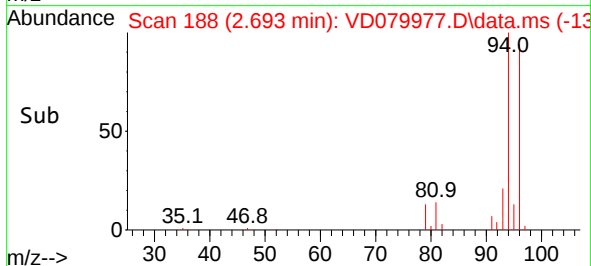
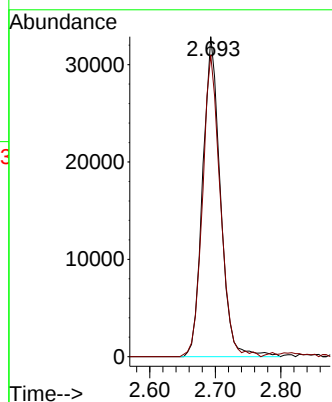
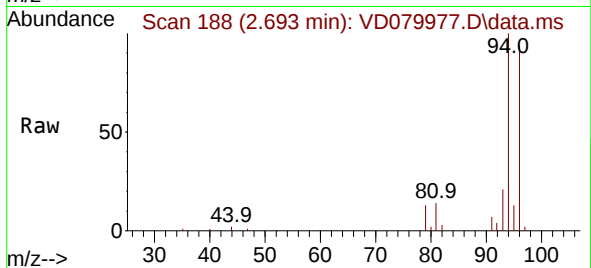




#5
Bromomethane
Concen: 39.752 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

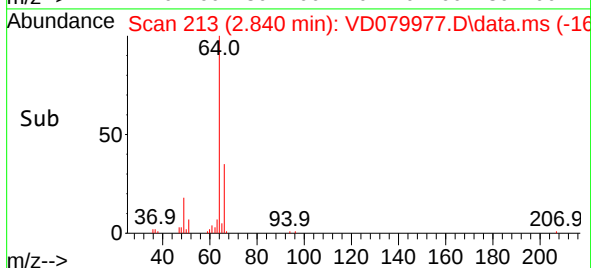
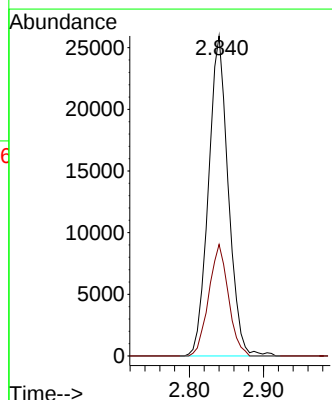
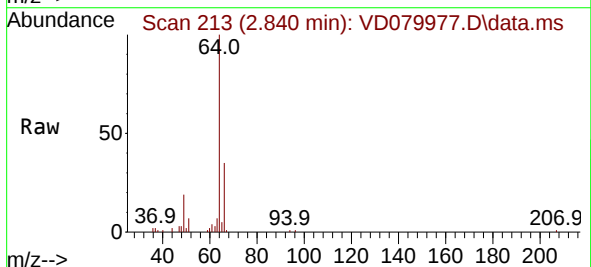
Instrument :
MSVOA_D
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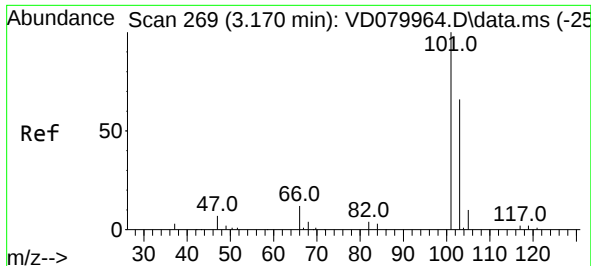
Tgt Ion: 94 Resp: 61818
Ion Ratio Lower Upper
94 100
96 94.8 76.2 114.2



#6
Chloroethane
Concen: 39.123 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

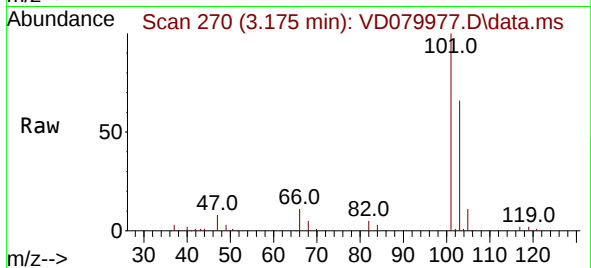
Tgt Ion: 64 Resp: 48279
Ion Ratio Lower Upper
64 100
66 34.8 27.6 41.4



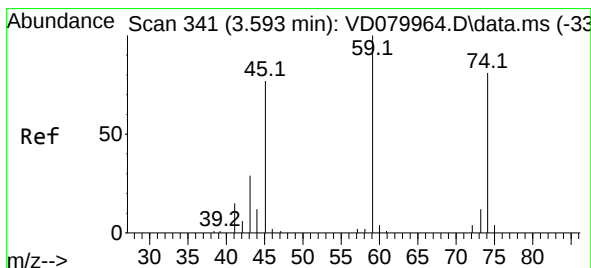
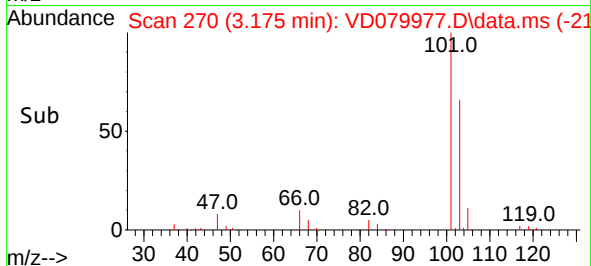
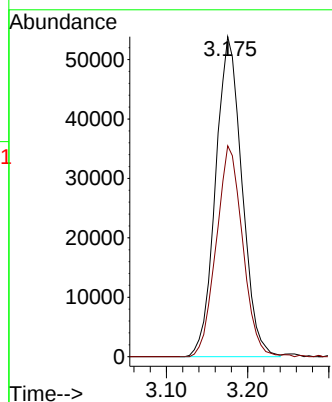


#7
 Trichlorofluoromethane
 Concen: 42.993 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD079977.D
 Acq: 14 Oct 2024 15:51

Instrument :
 MSVOA_D
 ClientSampleId :

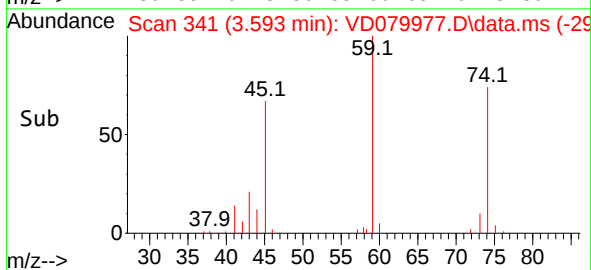
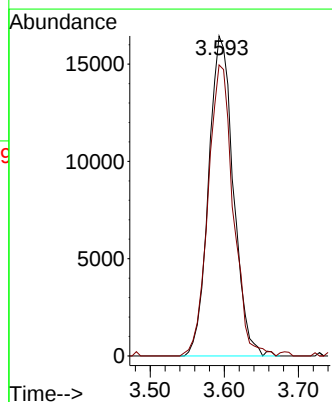
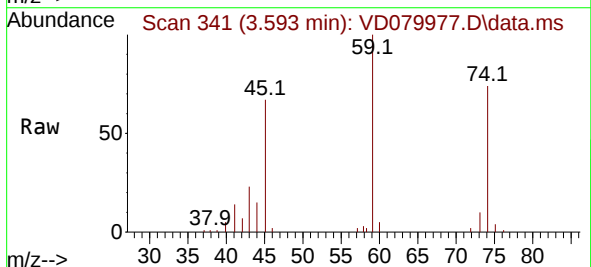


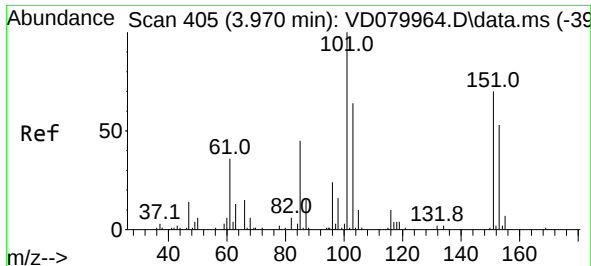
Tgt Ion:101 Resp: 121760
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.0 79.6



#8
 Diethyl Ether
 Concen: 49.209 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD079977.D
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Tgt Ion: 74 Resp: 38282
 Ion Ratio Lower Upper
 74 100
 45 92.2 47.8 143.3

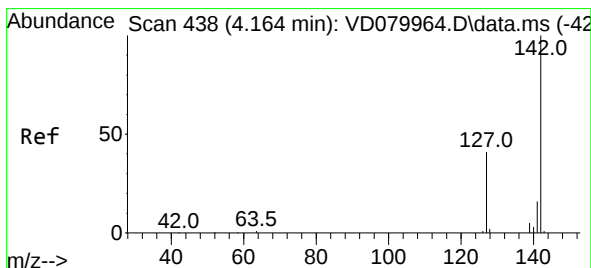
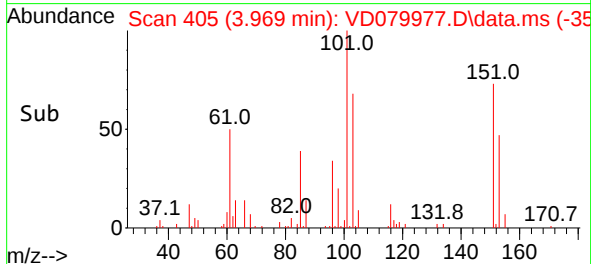
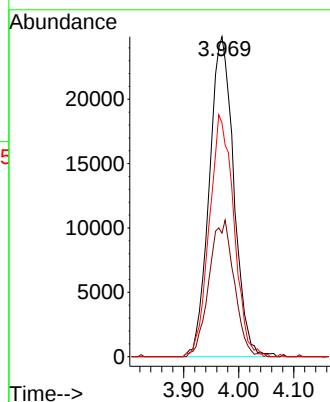
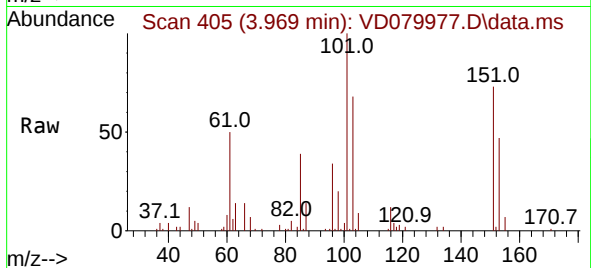




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.184 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

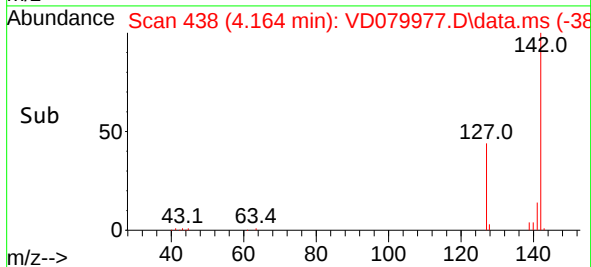
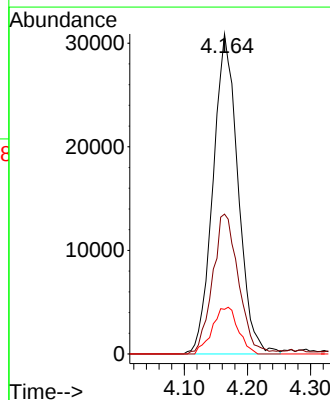
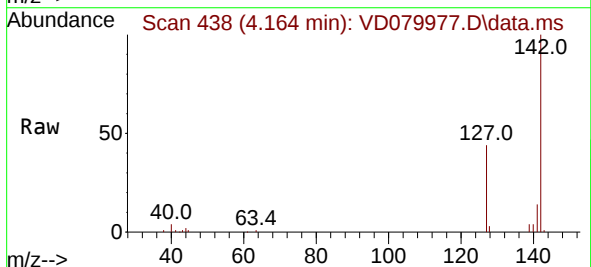
Instrument :
MSVOA_D
ClientSampleId :

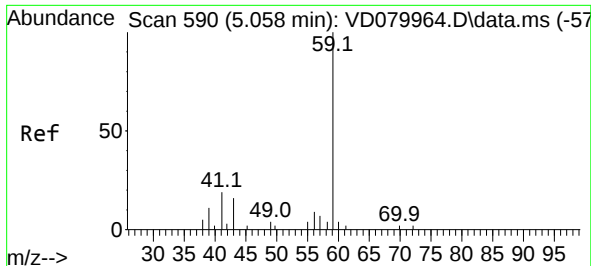
Tgt Ion:101 Resp: 76856
Ion Ratio Lower Upper
101 100
85 44.0 35.3 52.9
151 75.7 60.3 90.5



#10
Methyl Iodide
Concen: 49.769 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

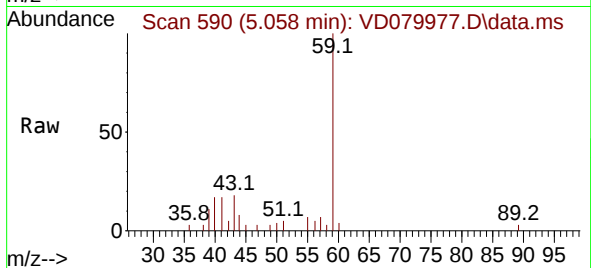
Tgt Ion:142 Resp: 84889
Ion Ratio Lower Upper
142 100
127 45.4 35.3 52.9
141 15.0 12.2 18.2



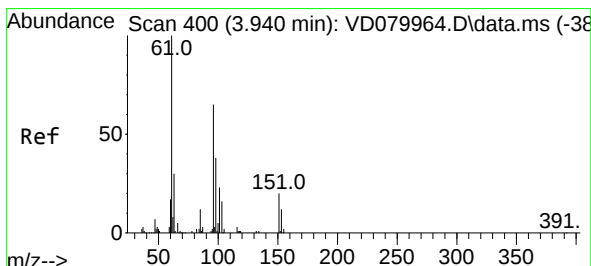
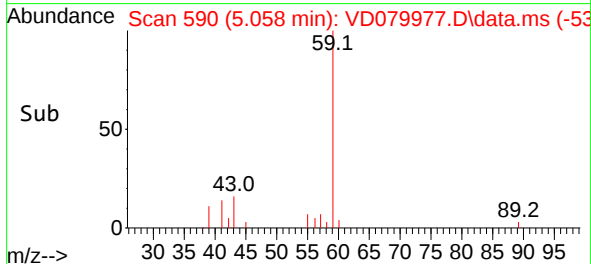
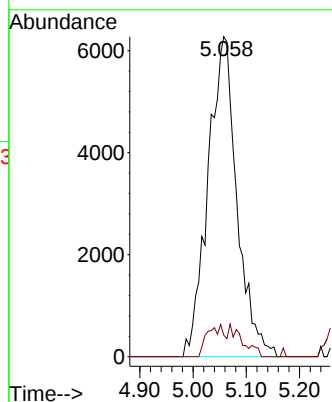


#11
Tert butyl alcohol
Concen: 236.503 ug/l
RT: 5.058 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Instrument :
MSVOA_D
ClientSampleId :

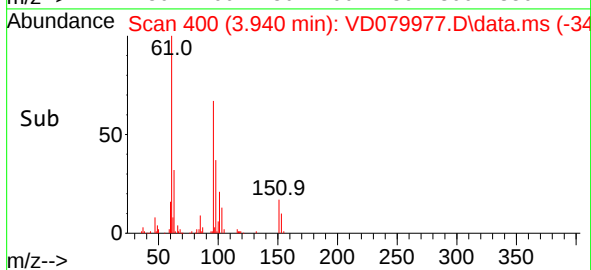
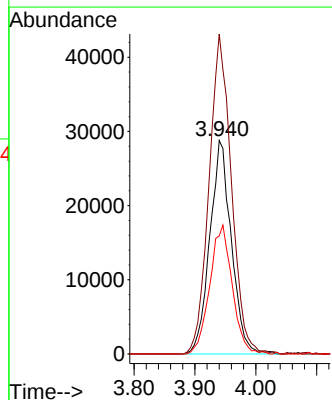
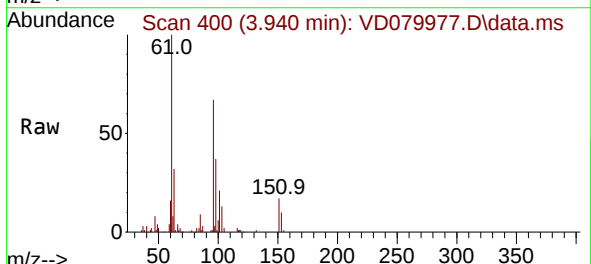


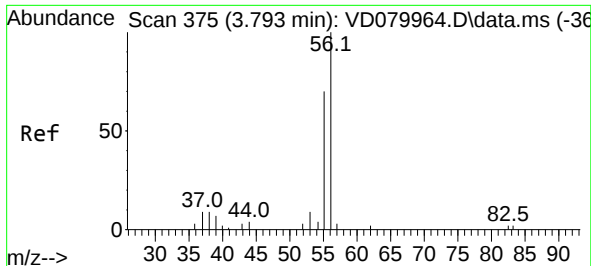
Tgt Ion: 59 Resp: 23699
Ion Ratio Lower Upper
59 100
57 6.0 4.8 7.2



#12
1,1-Dichloroethene
Concen: 45.710 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 96 Resp: 70733
Ion Ratio Lower Upper
96 100
61 149.9 122.6 184.0
98 55.3 47.1 70.7

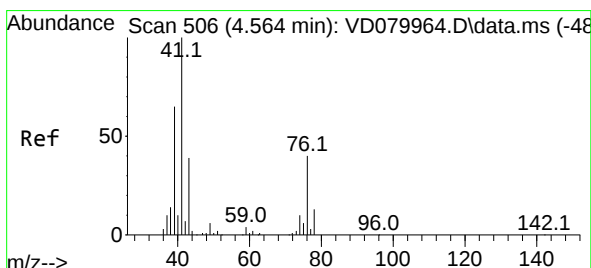
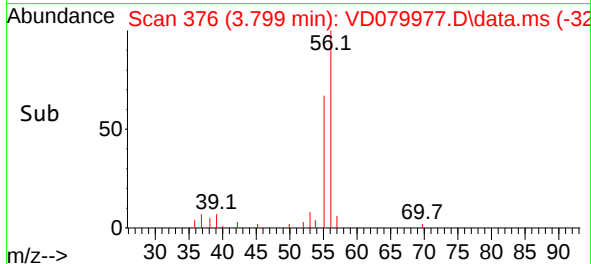
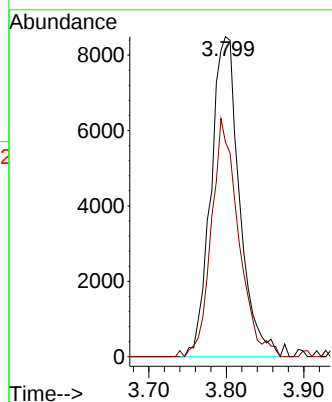
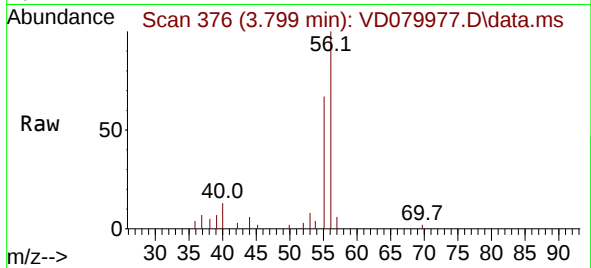




#13
Acrolein
Concen: 202.761 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

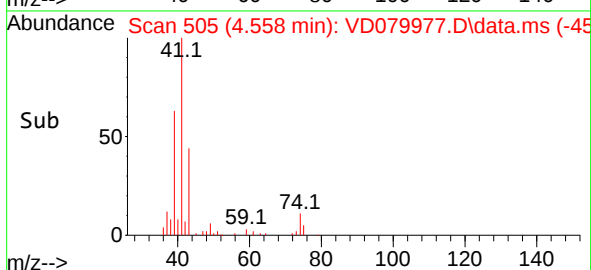
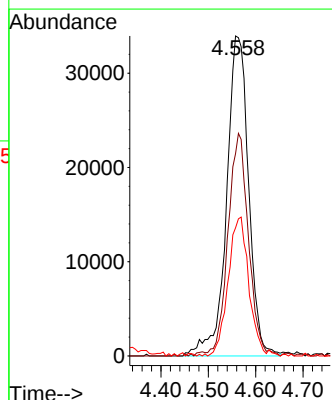
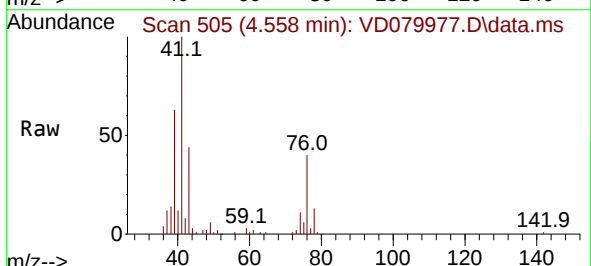
Instrument :
MSVOA_D
ClientSampleId :

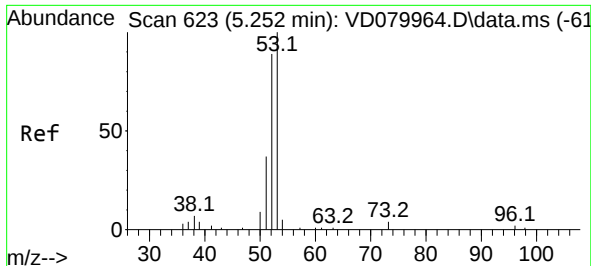
Tgt Ion: 56 Resp: 21785
Ion Ratio Lower Upper
56 100
55 70.9 58.2 87.2



#14
Allyl chloride
Concen: 47.886 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 41 Resp: 110063
Ion Ratio Lower Upper
41 100
39 64.9 53.3 79.9
76 40.4 32.0 48.0

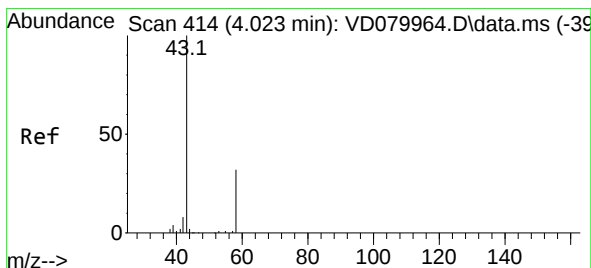
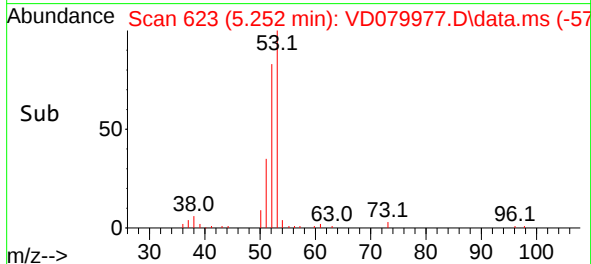
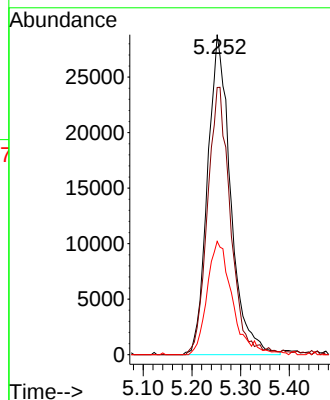
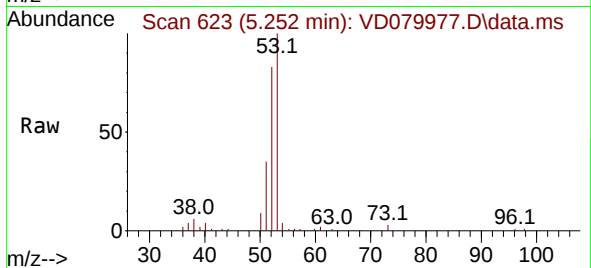




#15
Acrylonitrile
Concen: 254.450 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

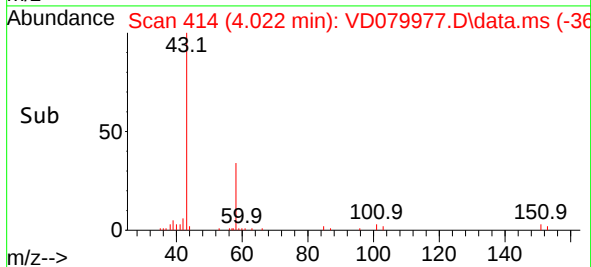
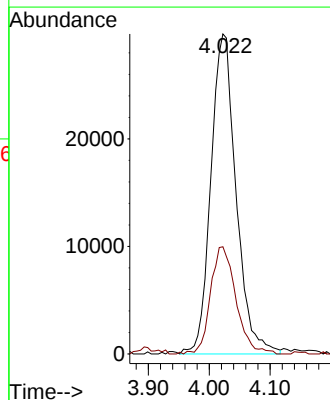
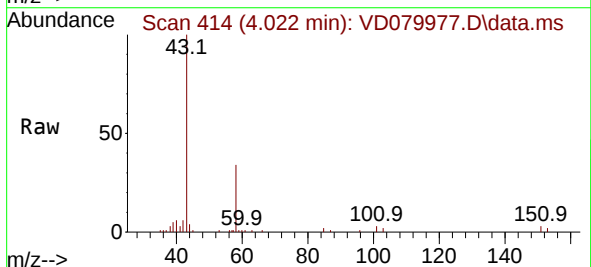
Instrument :
MSVOA_D
ClientSampleId :

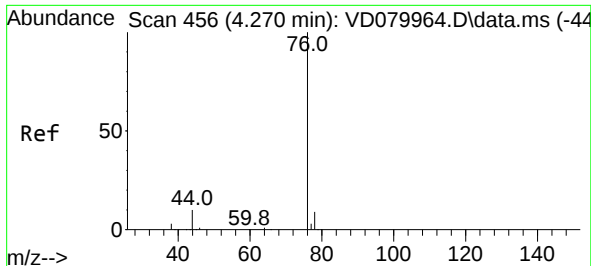
Tgt Ion: 53 Resp: 94584
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.4
51 38.7 30.3 45.5



#16
Acetone
Concen: 201.567 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 43 Resp: 85597
Ion Ratio Lower Upper
43 100
58 33.5 25.4 38.2

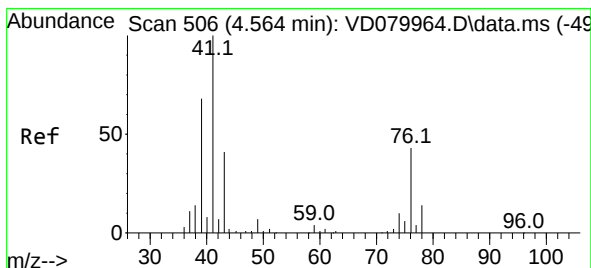
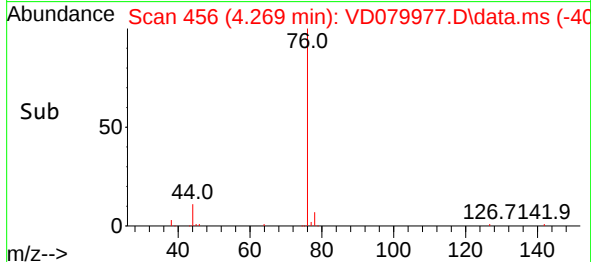
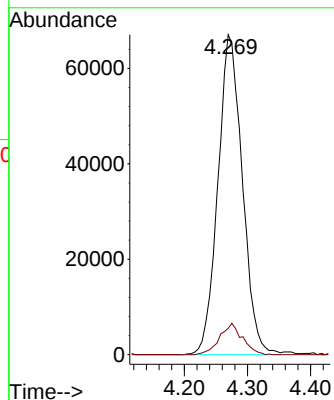
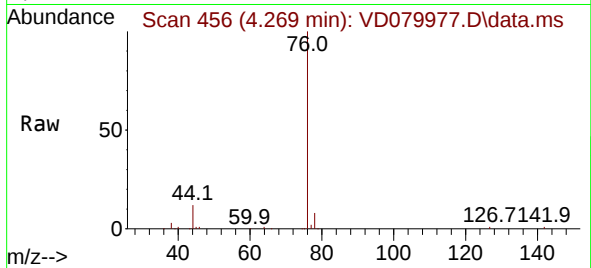




#17
Carbon Disulfide
Concen: 41.842 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

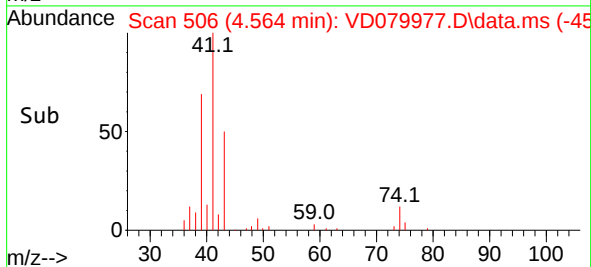
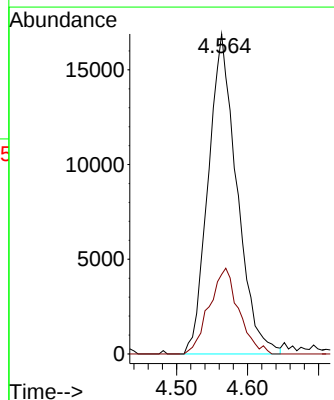
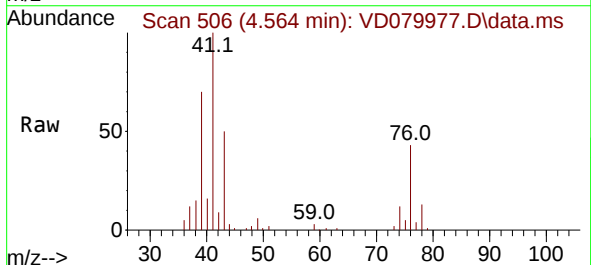
Instrument :
MSVOA_D
ClientSampleId :

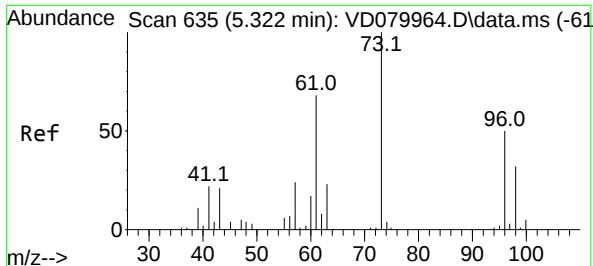
Tgt Ion: 76 Resp: 180485
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 51.895 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 43 Resp: 47307
Ion Ratio Lower Upper
43 100
74 27.6 20.5 30.7





#19

Methyl tert-butyl Ether

Concen: 52.952 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

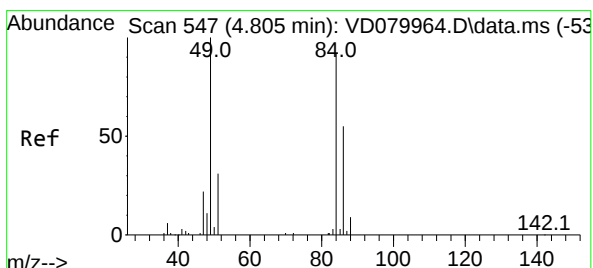
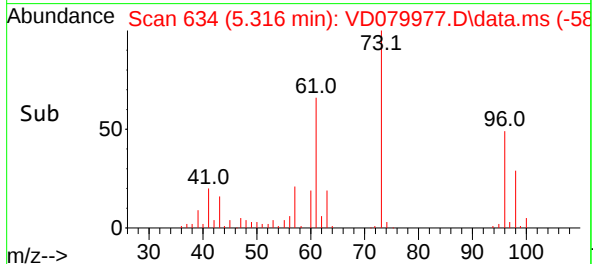
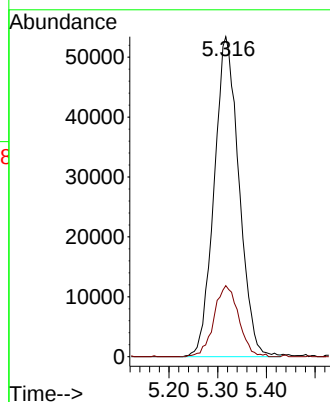
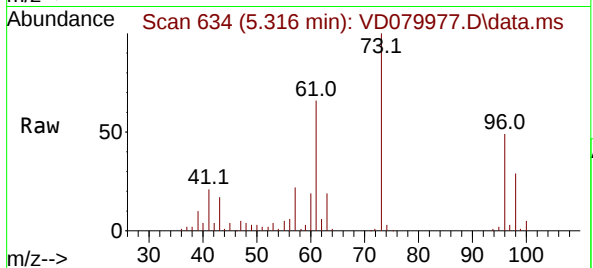
ClientSampleId :

Tgt Ion: 73 Resp: 189244

Ion Ratio Lower Upper

73 100

57 22.2 18.8 28.2



#20

Methylene Chloride

Concen: 53.787 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Tgt Ion: 84 Resp: 95866

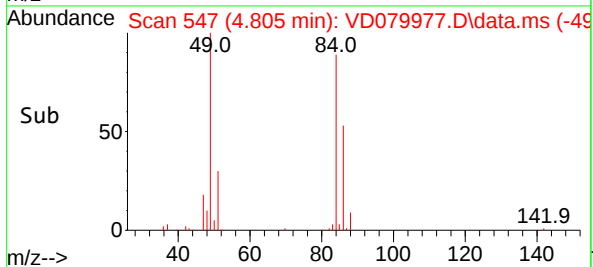
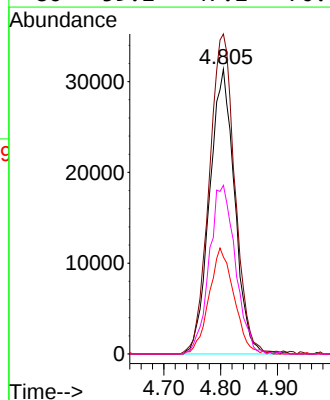
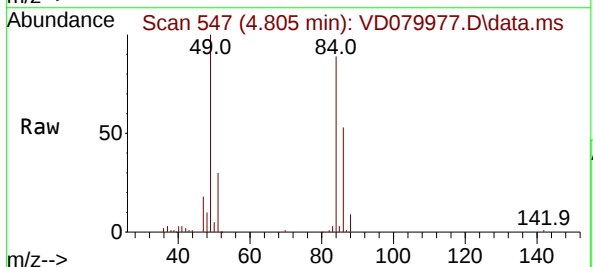
Ion Ratio Lower Upper

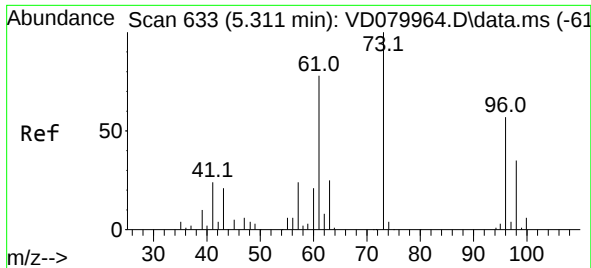
84 100

49 112.3 86.5 129.7

51 34.0 26.9 40.3

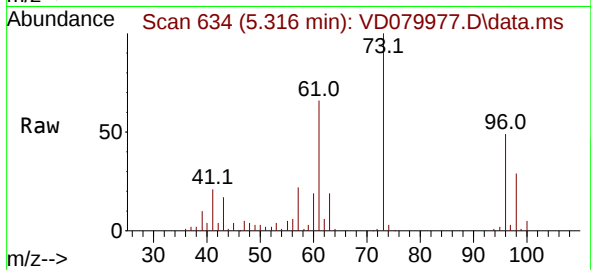
86 59.2 47.2 70.8



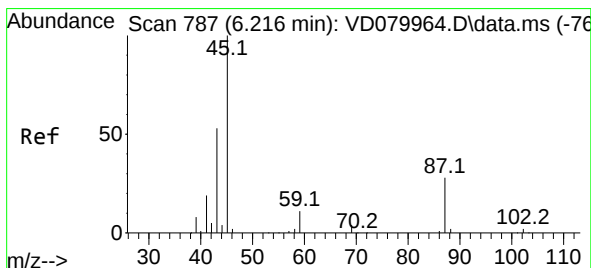
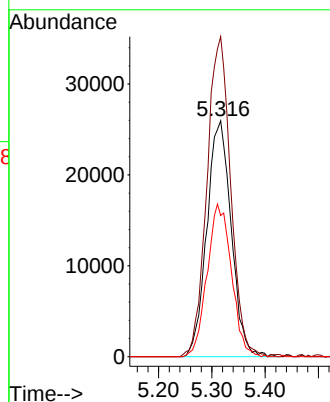
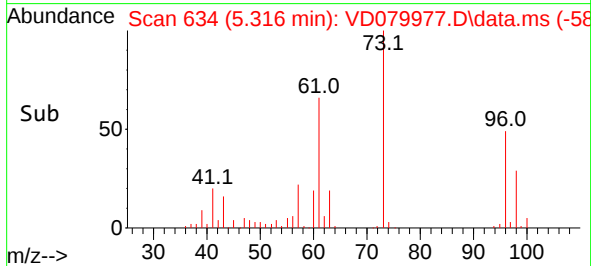


#21
trans-1,2-Dichloroethene
Concen: 49.605 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Instrument :
MSVOA_D
ClientSampleId :

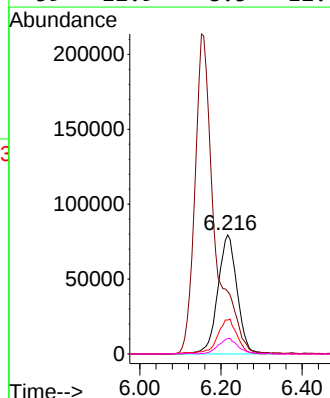
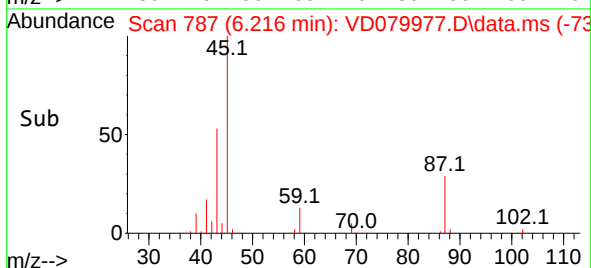
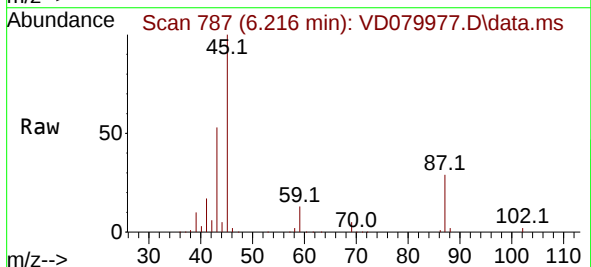


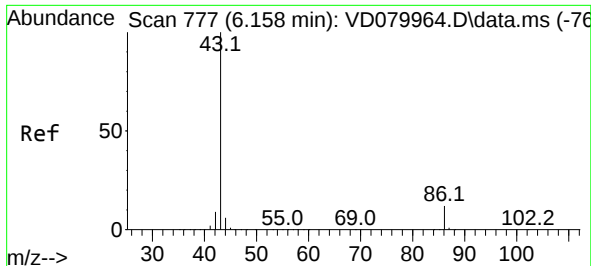
Tgt Ion: 96 Resp: 82424
Ion Ratio Lower Upper
96 100
61 135.7 109.4 164.0
98 59.8 49.8 74.8



#22
Diisopropyl ether
Concen: 52.635 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 45 Resp: 262370
Ion Ratio Lower Upper
45 100
43 51.7 42.6 63.8
87 28.5 22.7 34.1
59 12.9 8.5 12.7#

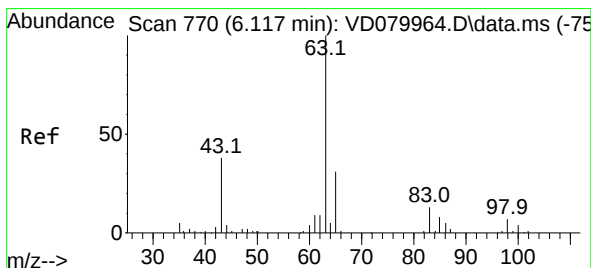
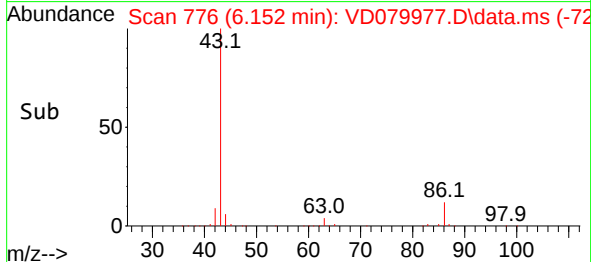
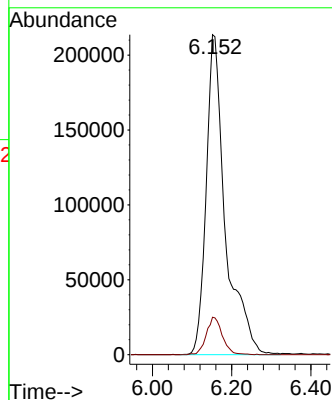
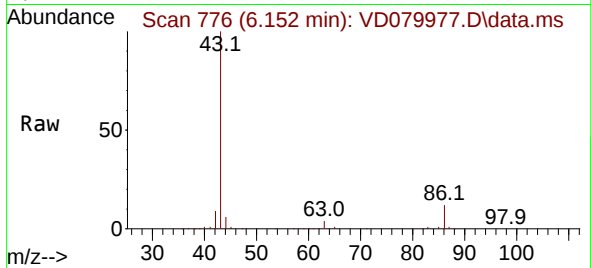




#23
 Vinyl Acetate
 Concen: 256.379 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD079977.D
 Acq: 14 Oct 2024 15:51

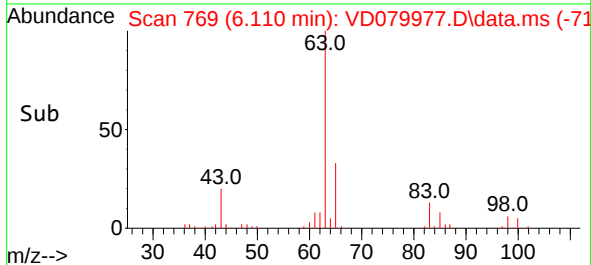
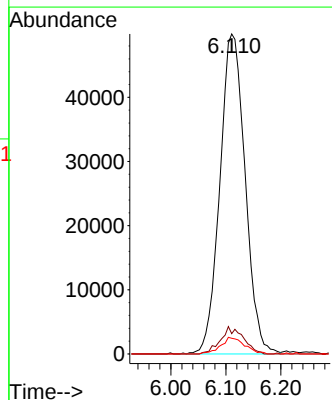
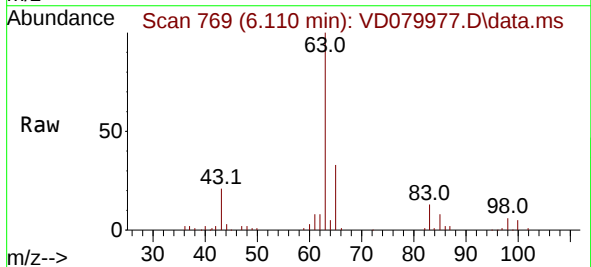
Instrument :
 MSVOA_D
 ClientSampleId :

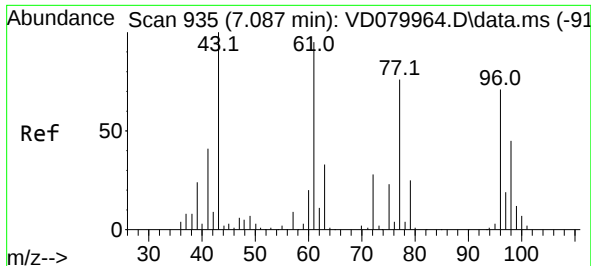
Tgt Ion: 43 Resp: 718044
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 48.540 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD079977.D
 Acq: 14 Oct 2024 15:51

Tgt Ion: 63 Resp: 159409
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.6
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 230.353 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

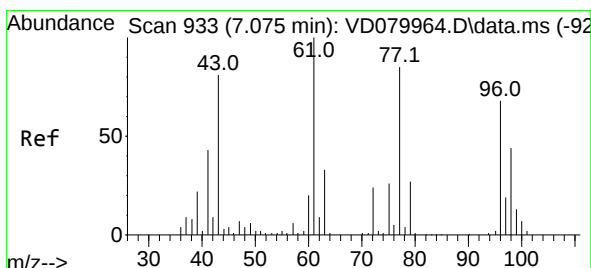
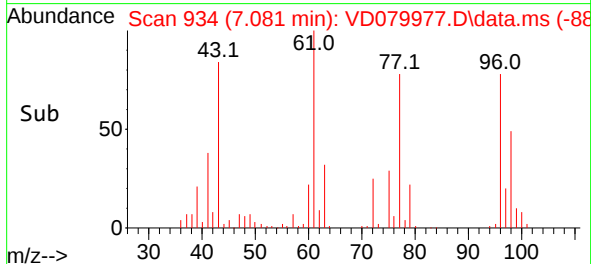
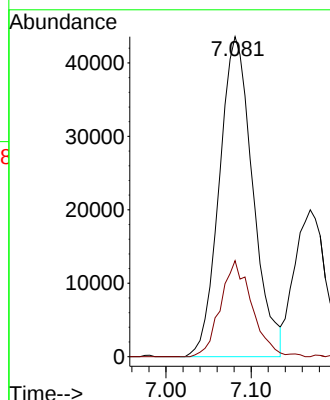
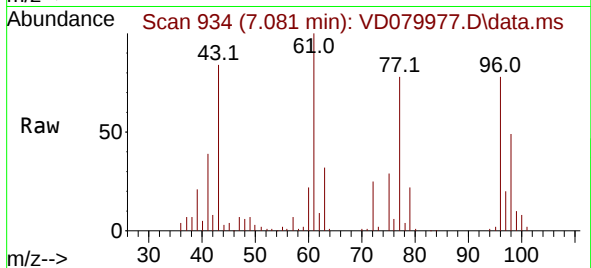
ClientSampleId :

Tgt Ion: 43 Resp: 119116

Ion Ratio Lower Upper

43 100

72 30.0 22.3 33.5



#26

2,2-Dichloropropane

Concen: 44.892 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD079977.D

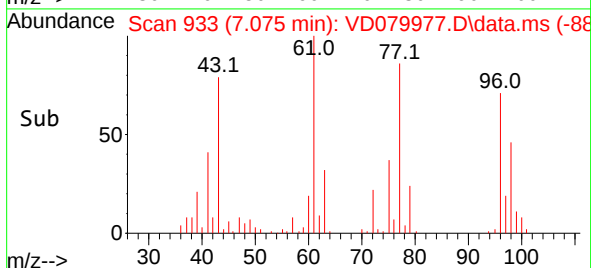
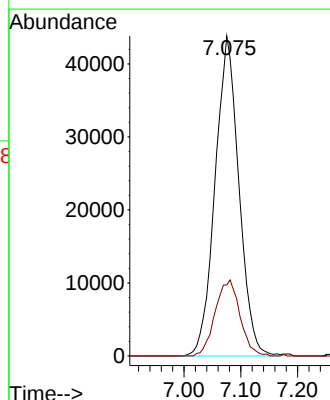
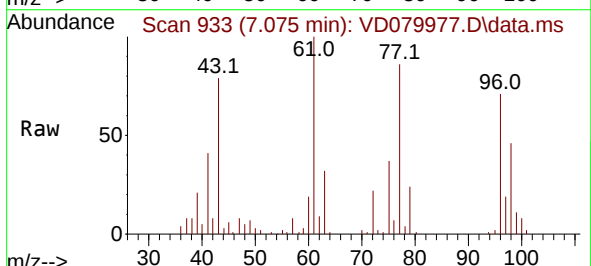
Acq: 14 Oct 2024 15:51

Tgt Ion: 77 Resp: 127556

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 50.278 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

ClientSampleId :

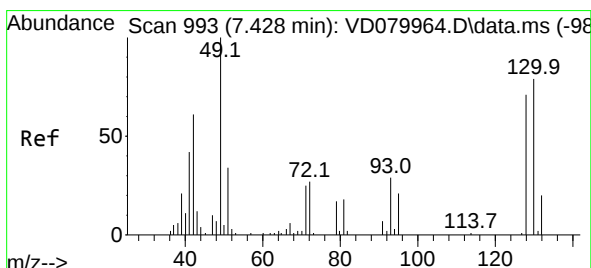
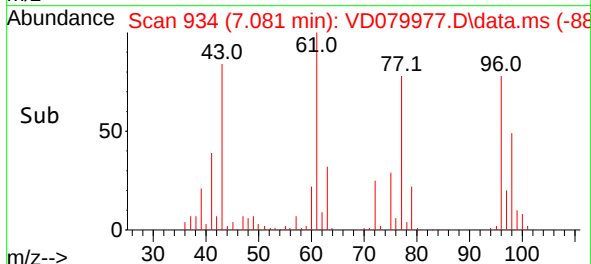
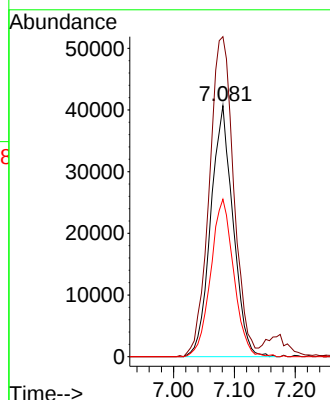
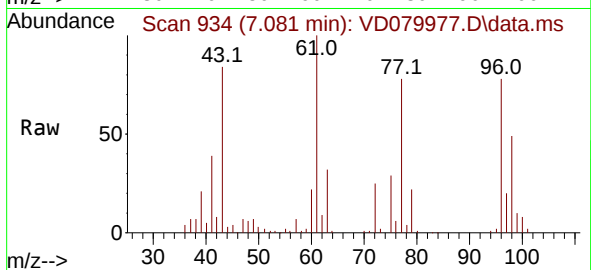
Tgt Ion: 96 Resp: 103889

Ion Ratio Lower Upper

96 100

61 140.0 0.0 278.2

98 64.5 0.0 127.8



#28

Bromochloromethane

Concen: 52.505 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

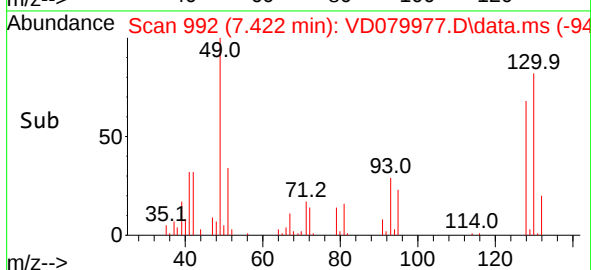
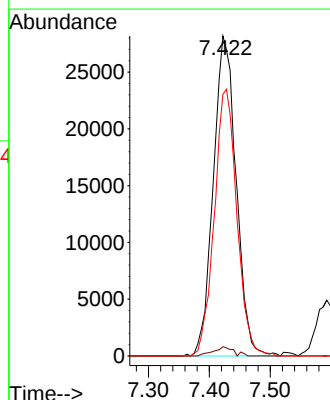
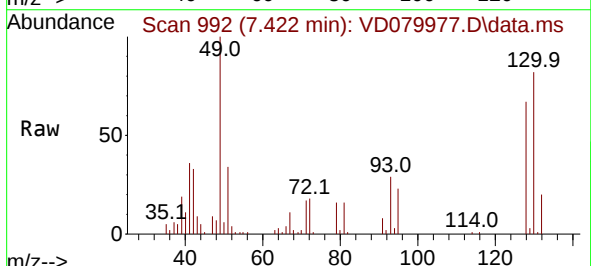
Tgt Ion: 49 Resp: 73596

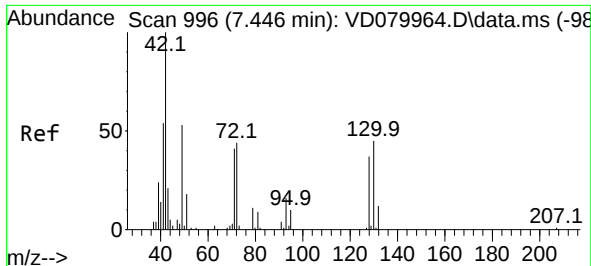
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

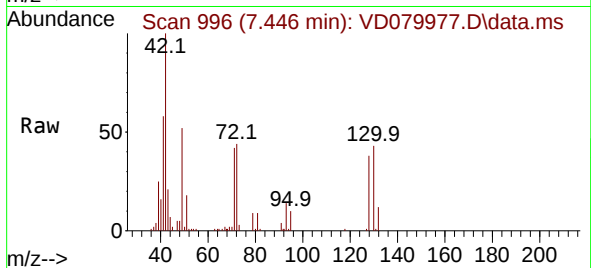
130 82.2 64.6 97.0



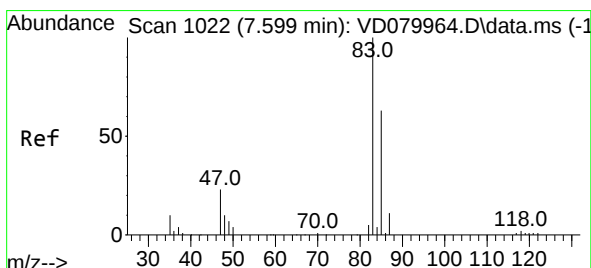
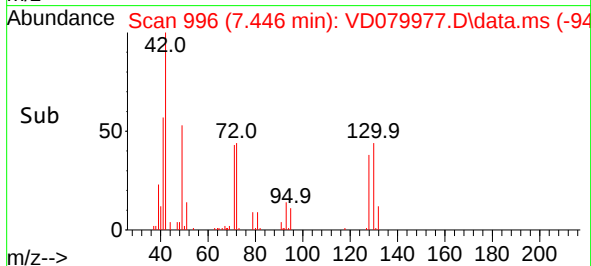
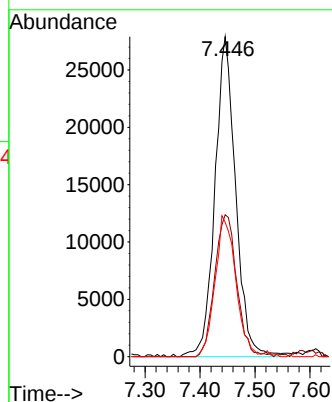


#29
Tetrahydrofuran
Concen: 263.852 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Instrument :
MSVOA_D
ClientSampleId :

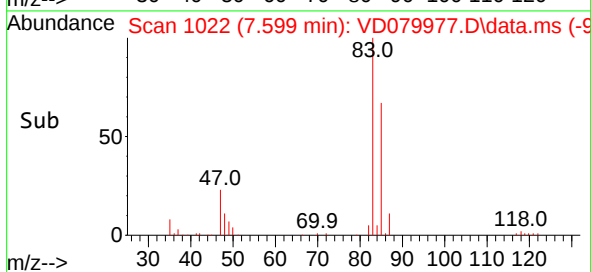
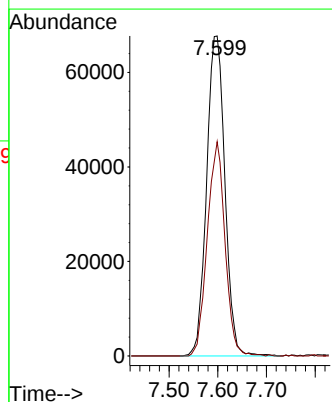
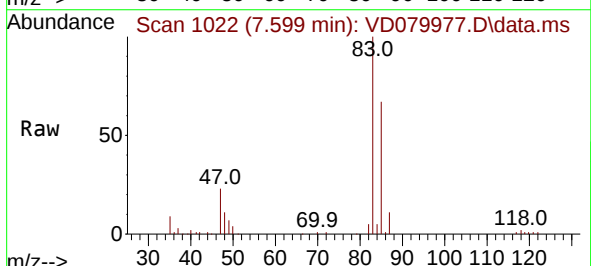


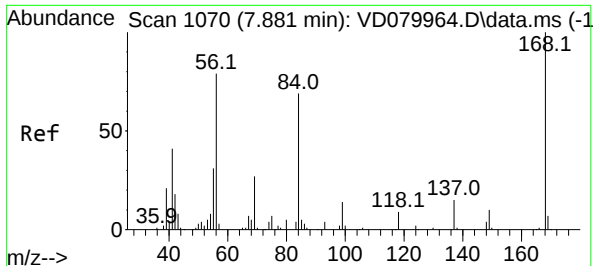
Tgt Ion:	42	Resp:	72969
Ion	Ratio	Lower	Upper
42	100		
72	47.4	36.7	55.1
71	44.1	34.4	51.6



#30
Chloroform
Concen: 50.717 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion:	83	Resp:	176433
Ion	Ratio	Lower	Upper
83	100		
85	67.0	50.8	76.2





#31

Cyclohexane

Concen: 41.648 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

ClientSampleId :

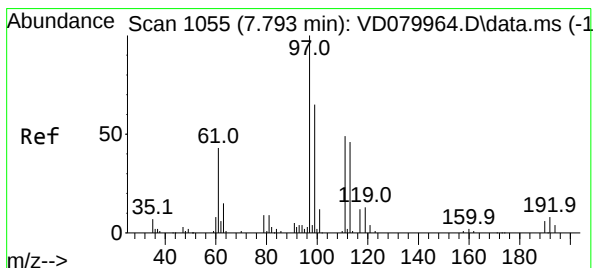
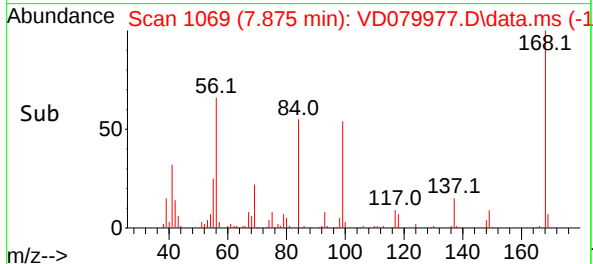
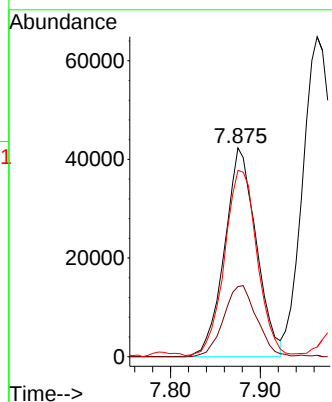
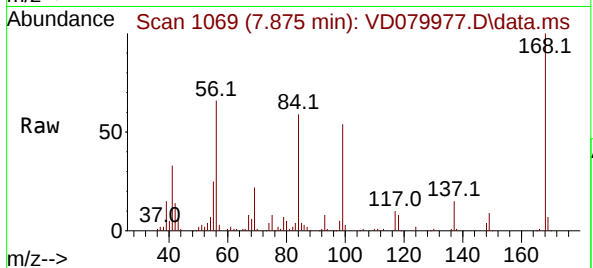
Tgt Ion: 56 Resp: 103682

Ion Ratio Lower Upper

56 100

69 33.6 27.3 40.9

84 87.7 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 48.515 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

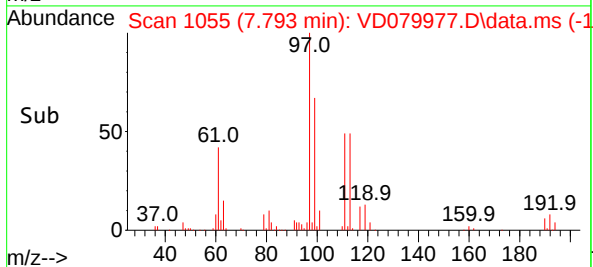
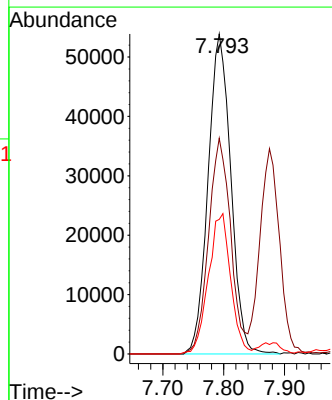
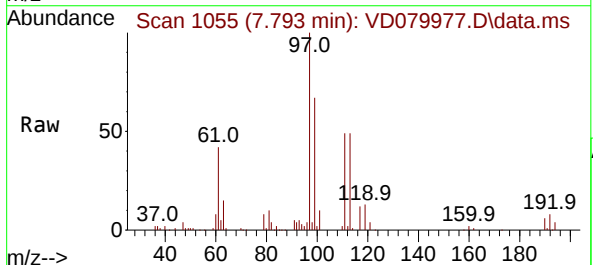
Tgt Ion: 97 Resp: 139805

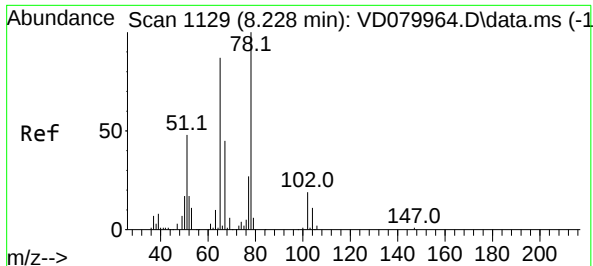
Ion Ratio Lower Upper

97 100

99 66.0 50.7 76.1

61 43.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 51.244 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

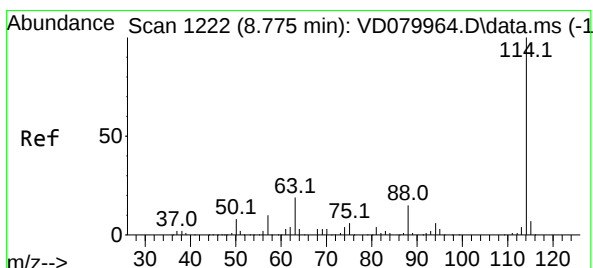
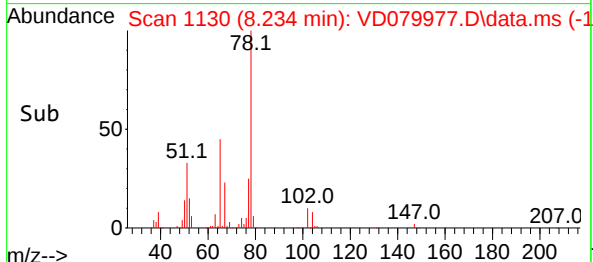
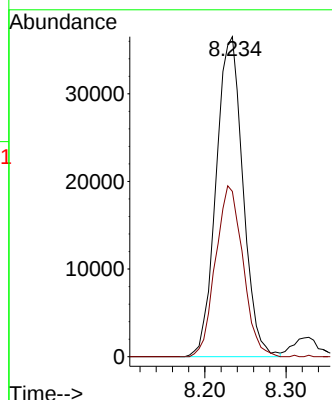
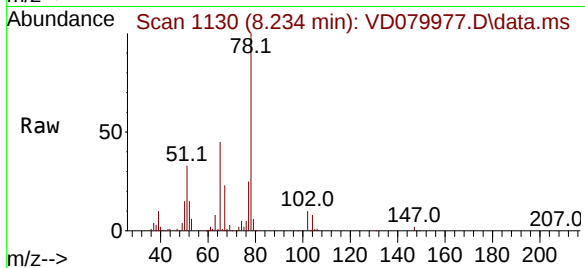
ClientSampleId :

Tgt Ion: 65 Resp: 83954

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

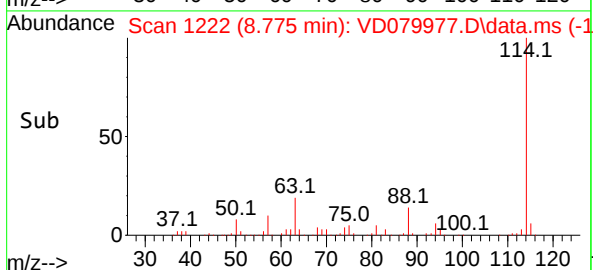
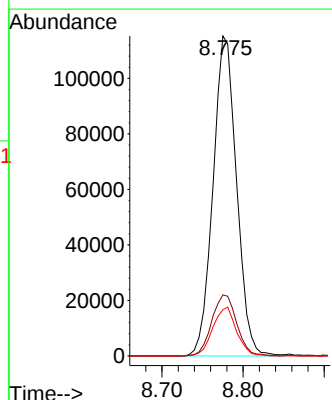
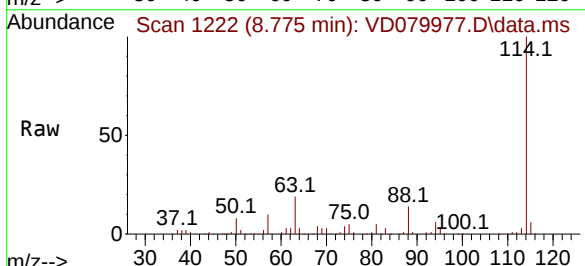
Tgt Ion: 114 Resp: 232108

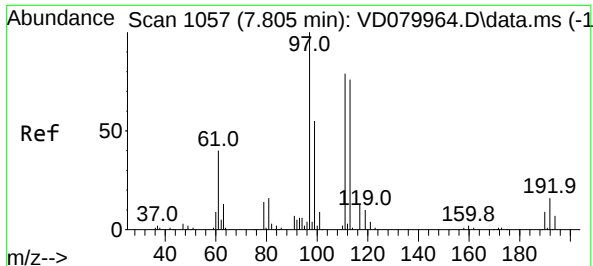
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.378 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

ClientSampleId :

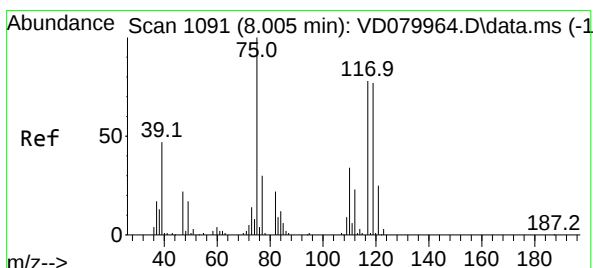
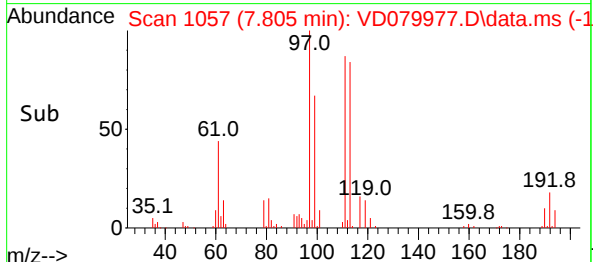
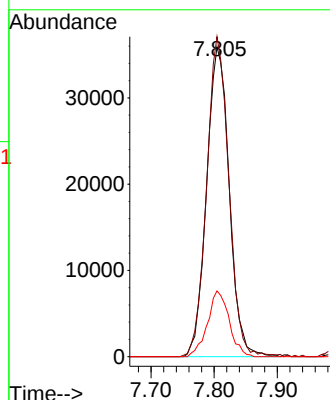
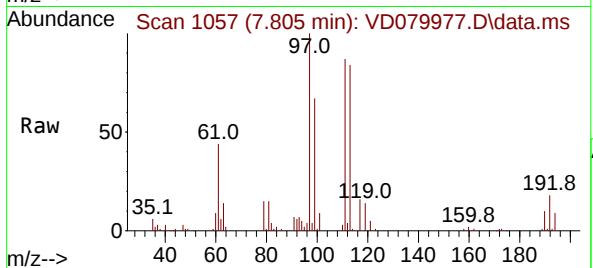
Tgt Ion:113 Resp: 89424

Ion Ratio Lower Upper

113 100

111 101.4 82.5 123.7

192 20.3 16.6 25.0



#36

1,1-Dichloropropene

Concen: 45.791 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

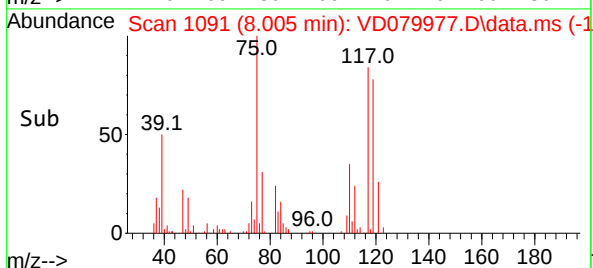
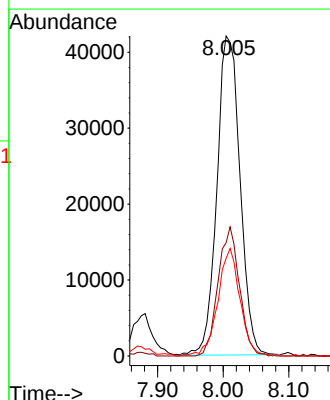
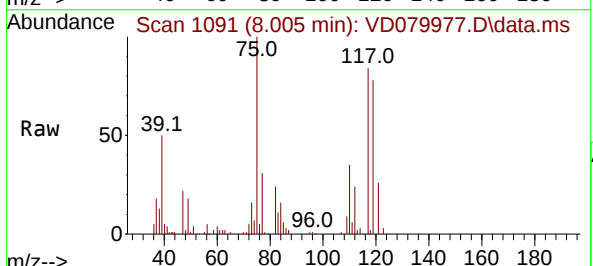
Tgt Ion: 75 Resp: 102816

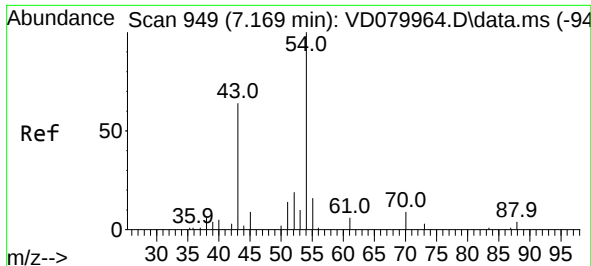
Ion Ratio Lower Upper

75 100

110 37.4 18.4 55.0

77 32.4 25.6 38.4

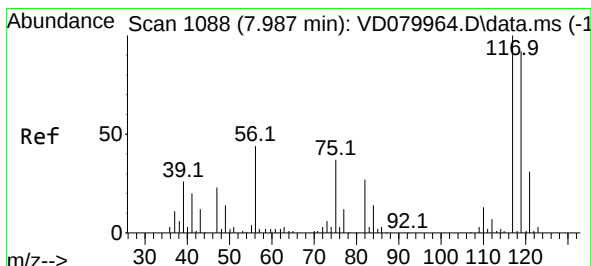
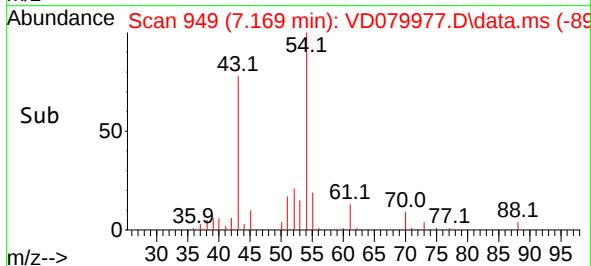
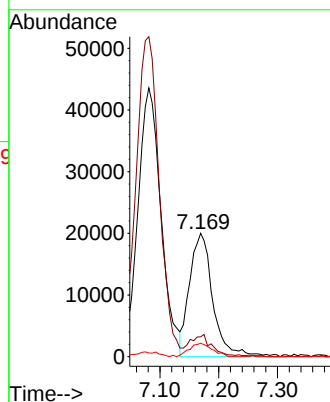
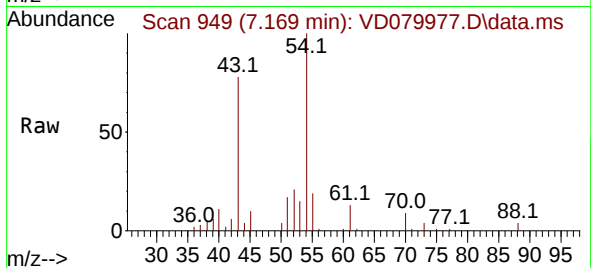




#37
Ethyl Acetate
Concen: 50.615 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

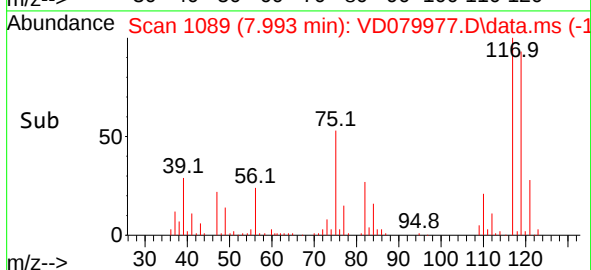
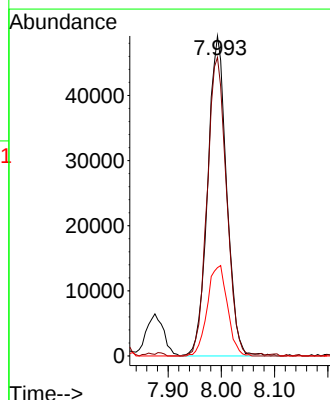
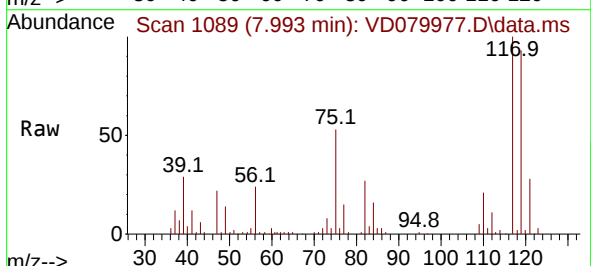
Instrument :
MSVOA_D
ClientSampleId :

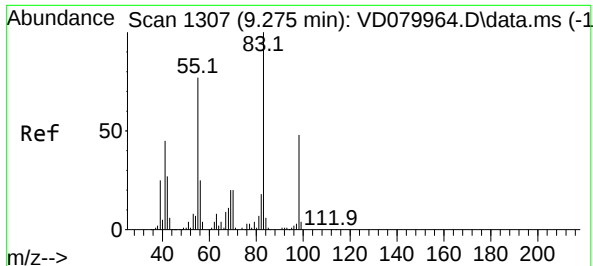
Tgt Ion: 43 Resp: 55020
Ion Ratio Lower Upper
43 100
61 15.1 11.0 16.4
70 10.7 9.4 14.2



#38
Carbon Tetrachloride
Concen: 48.560 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 117 Resp: 121165
Ion Ratio Lower Upper
117 100
119 93.3 73.4 110.0
121 27.6 24.5 36.7





#39

Methylcyclohexane

Concen: 44.429 ug/l

RT: 9.275 min Scan# 111944

Delta R.T. -0.000 min

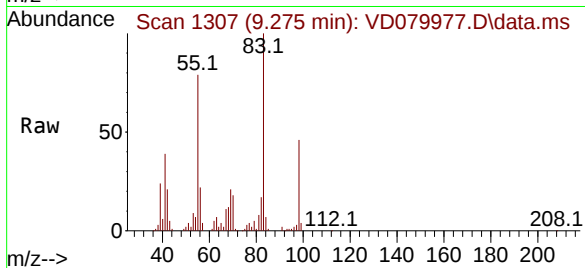
Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

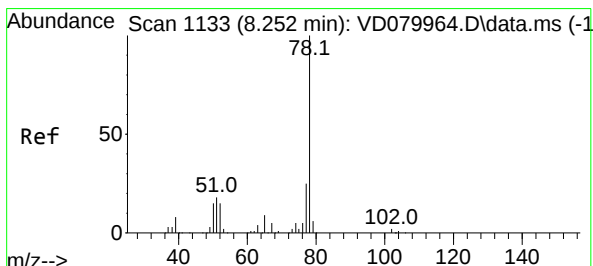
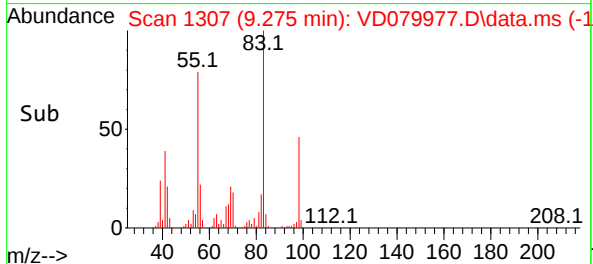
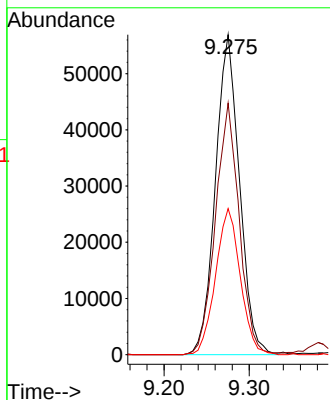
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	111944
Ion	Ratio	Lower	Upper
83	100		
55	78.6	62.0	93.0
98	45.7	38.7	58.1



#40

Benzene

Concen: 49.939 ug/l

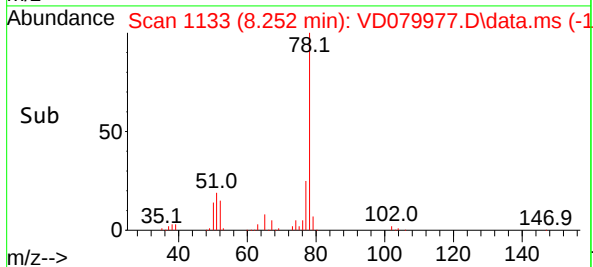
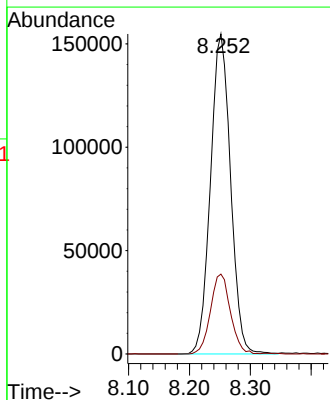
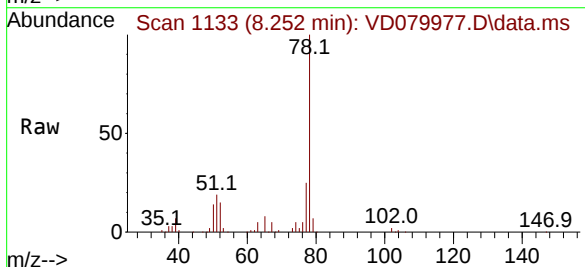
RT: 8.252 min Scan# 1133

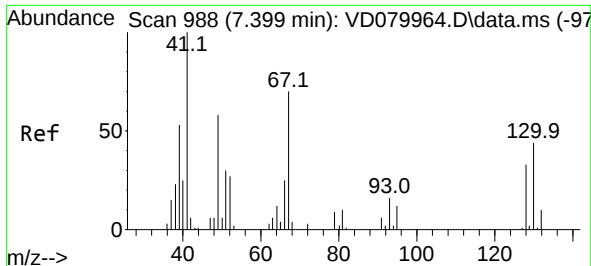
Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Tgt Ion:	78	Resp:	354593
Ion	Ratio	Lower	Upper
78	100		
77	25.0	20.2	30.4



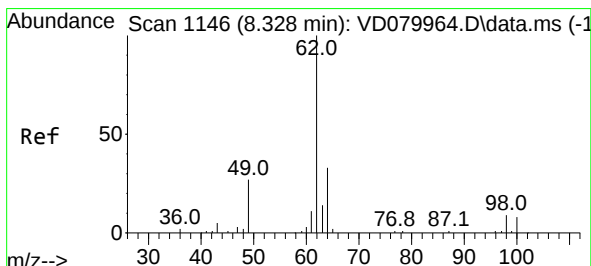
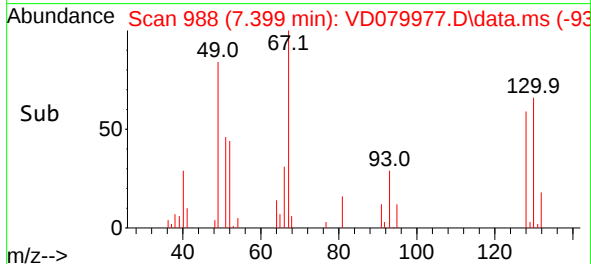
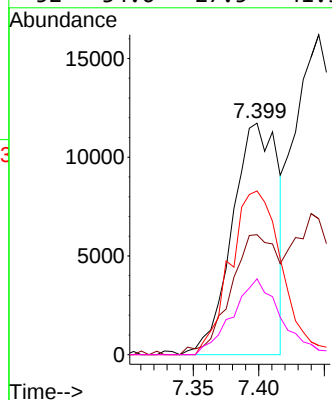
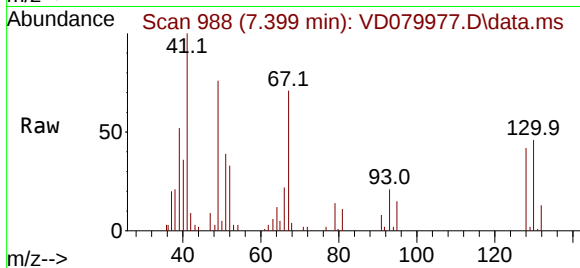


#41
Methacrylonitrile
Concen: 49.562 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 28293

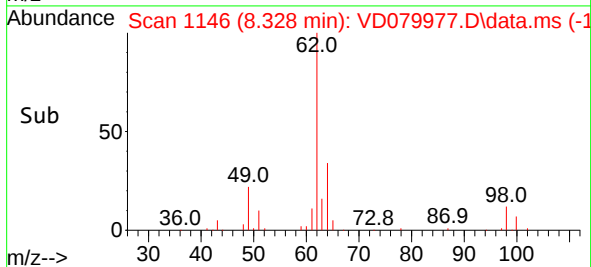
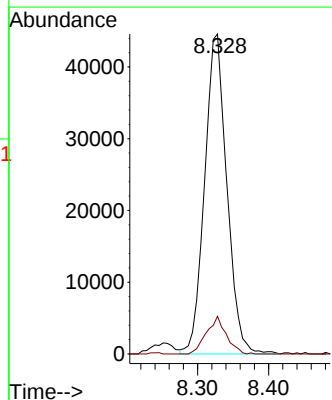
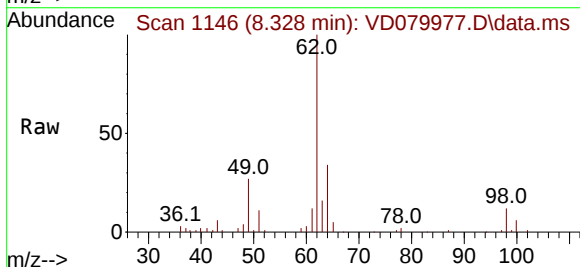
Ion	Ratio	Lower	Upper
41	100		
39	53.6	47.8	71.8
67	80.1	64.9	97.3
52	34.6	27.5	41.3

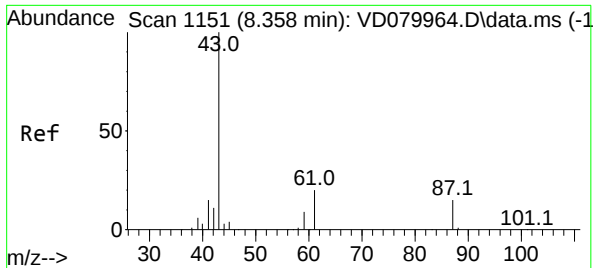


#42
1,2-Dichloroethane
Concen: 49.802 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 62 Resp: 97248

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.8

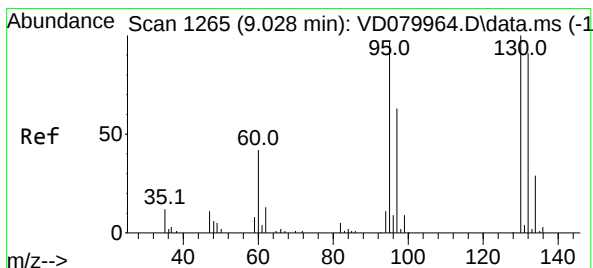
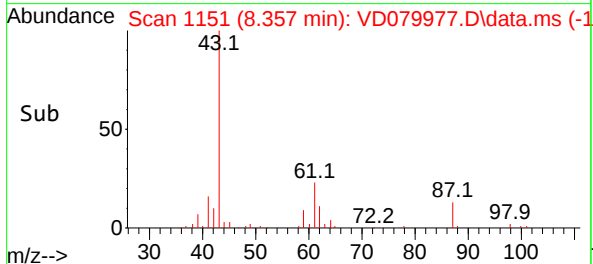
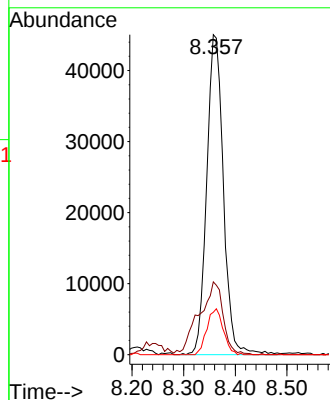
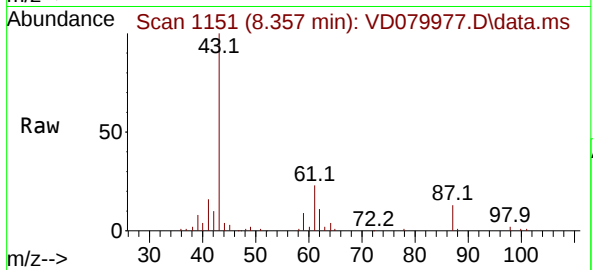




#43
Isopropyl Acetate
Concen: 50.493 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

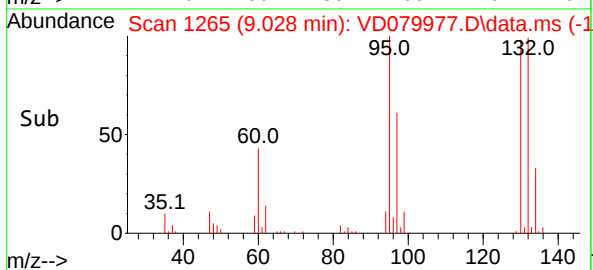
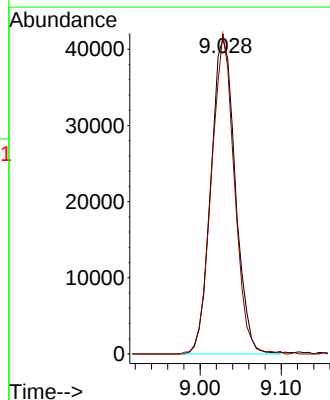
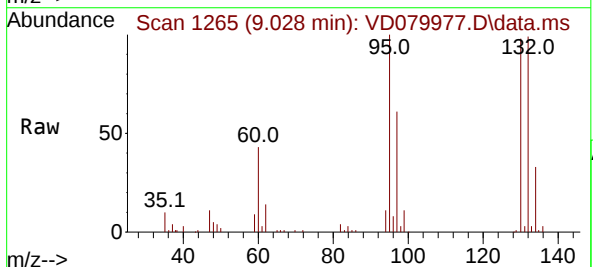
Instrument :
MSVOA_D
ClientSampleId :

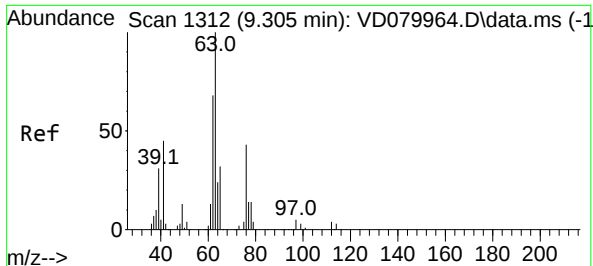
Tgt Ion: 43 Resp: 101120
Ion Ratio Lower Upper
43 100
61 32.7 26.2 39.2
87 14.1 11.8 17.8



#44
Trichloroethene
Concen: 49.244 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion:130 Resp: 86497
Ion Ratio Lower Upper
130 100
95 101.6 0.0 194.6





#45

1,2-Dichloropropane

Concen: 51.108 ug/l

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

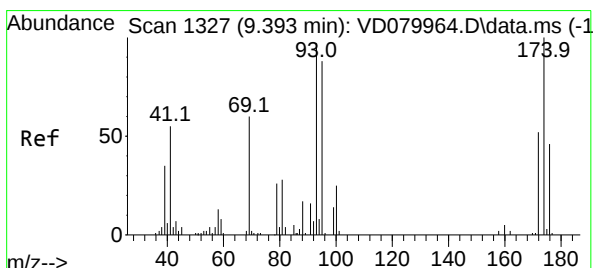
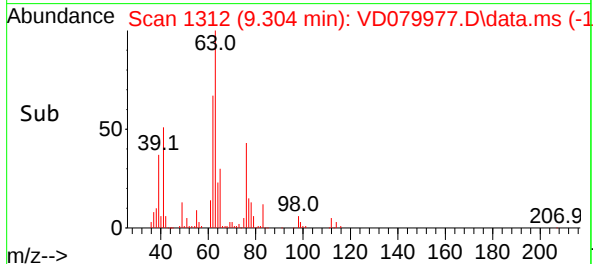
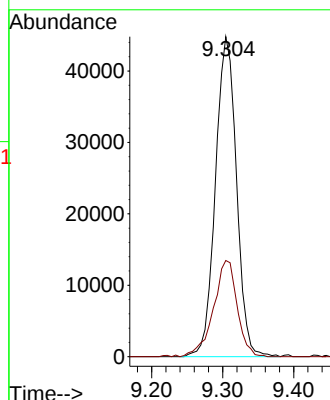
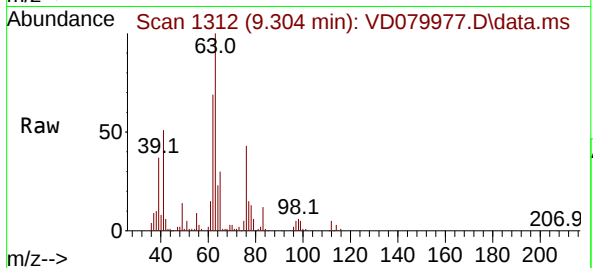
ClientSampleId :

Tgt Ion: 63 Resp: 92023

Ion Ratio Lower Upper

63 100

65 30.1 26.2 39.4



#46

Dibromomethane

Concen: 52.017 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

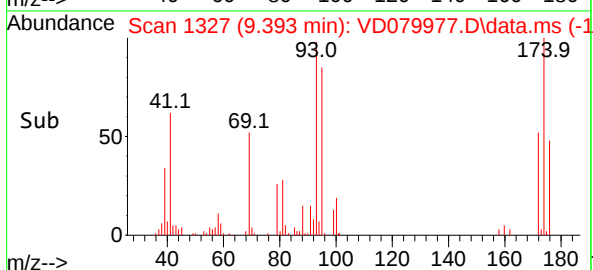
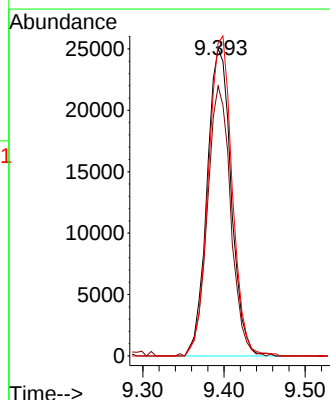
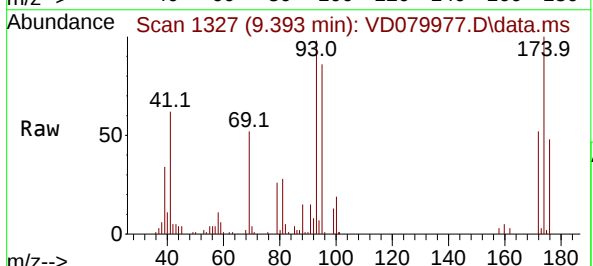
Tgt Ion: 93 Resp: 51677

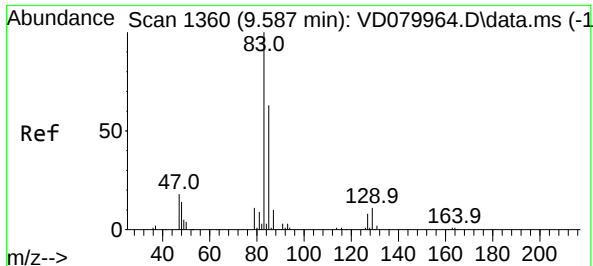
Ion Ratio Lower Upper

93 100

95 85.0 67.9 101.9

174 102.9 80.5 120.7

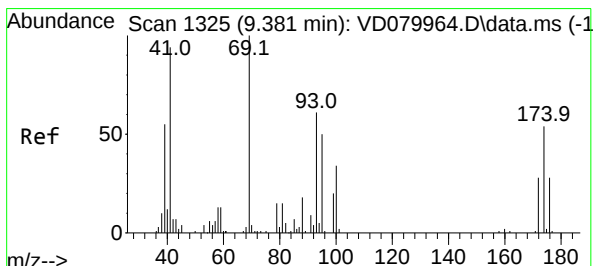
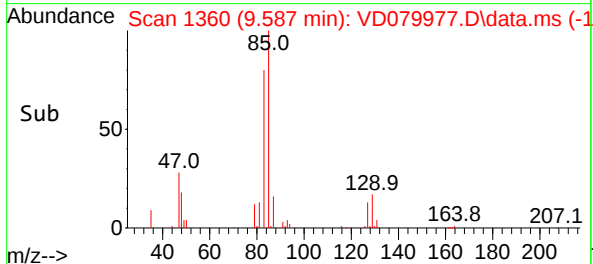
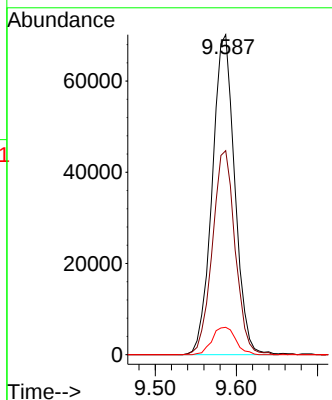
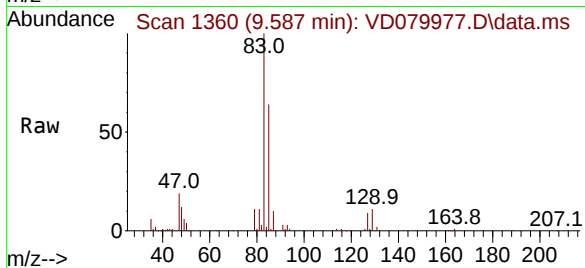




#47
Bromodichloromethane
Concen: 51.390 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

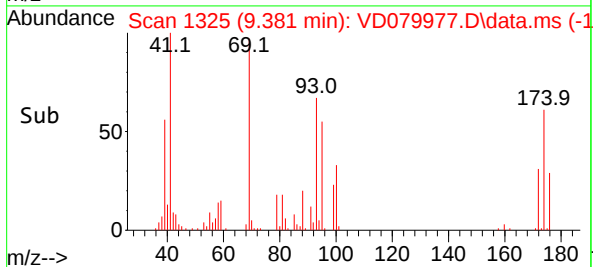
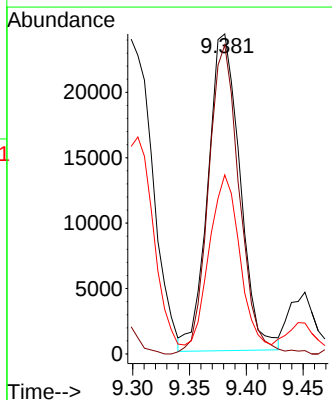
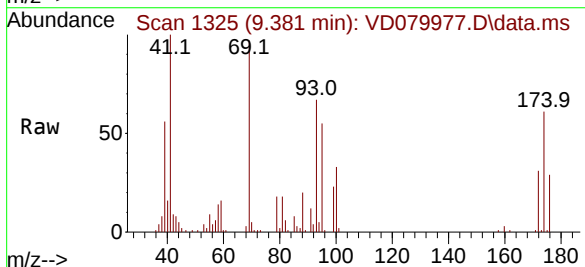
Instrument :
MSVOA_D
ClientSampleId :

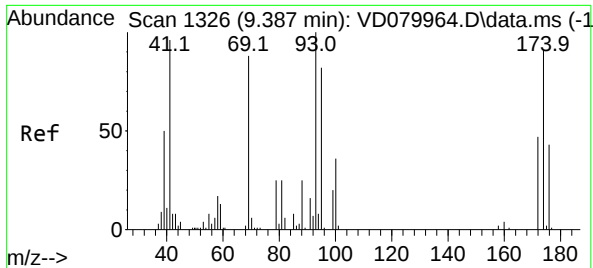
Tgt Ion: 83 Resp: 135400
Ion Ratio Lower Upper
83 100
85 63.7 50.6 75.8
127 8.5 6.1 9.1



#48
Methyl methacrylate
Concen: 52.687 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 41 Resp: 47528
Ion Ratio Lower Upper
41 100
69 94.0 74.0 111.0
39 55.9 41.9 62.9





#49

1,4-Dioxane

Concen: 994.660 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

ClientSampleId :

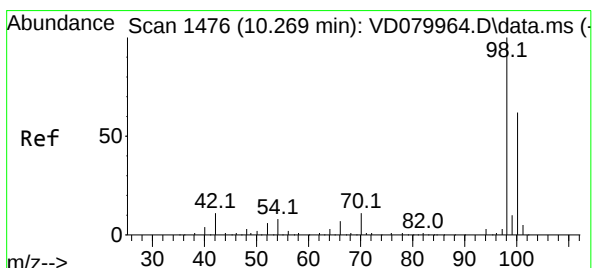
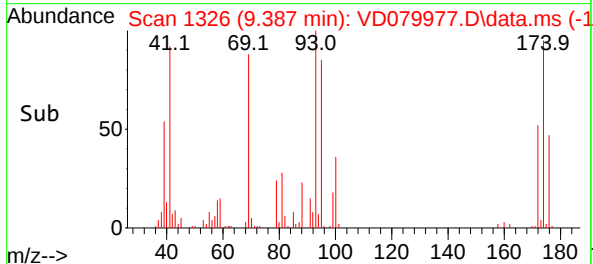
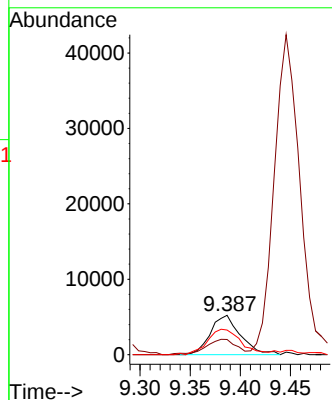
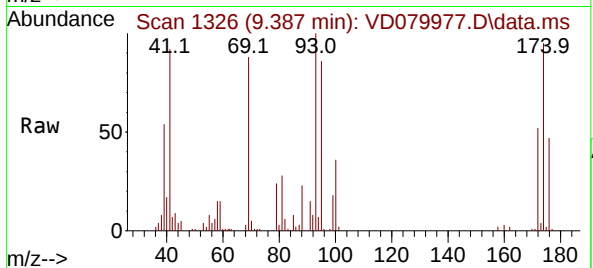
Tgt Ion: 88 Resp: 10858

Ion Ratio Lower Upper

88 100

43 39.4 29.1 43.7

58 72.2 59.9 89.9



#50

Toluene-d8

Concen: 52.192 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079977.D

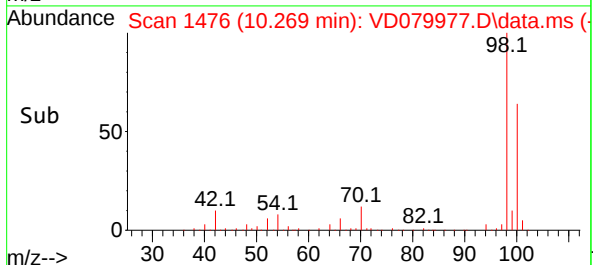
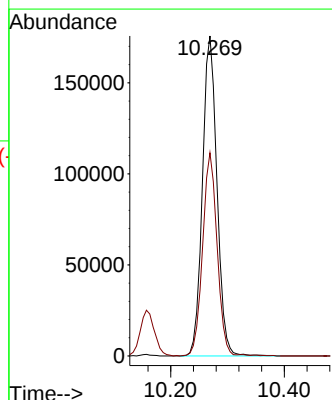
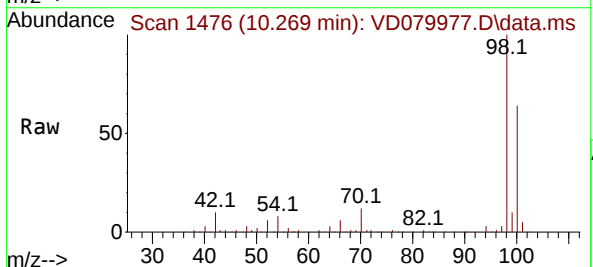
Acq: 14 Oct 2024 15:51

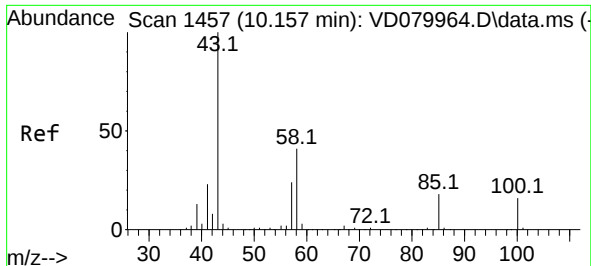
Tgt Ion: 98 Resp: 311584

Ion Ratio Lower Upper

98 100

100 63.4 50.2 75.4

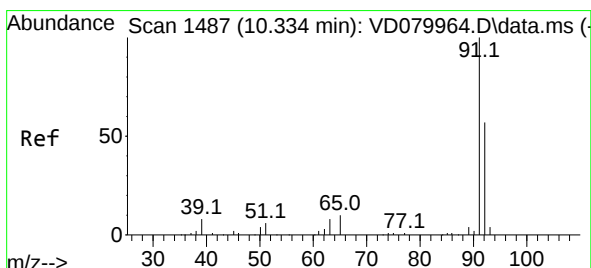
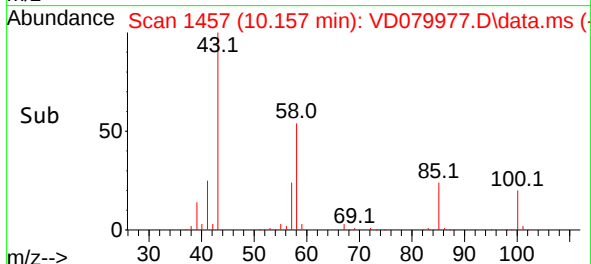
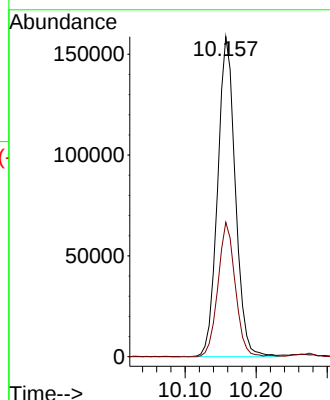
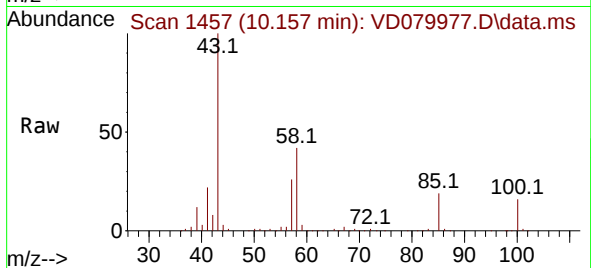




#51
4-Methyl-2-Pentanone
Concen: 267.607 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

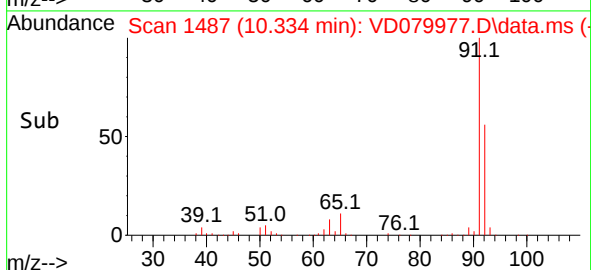
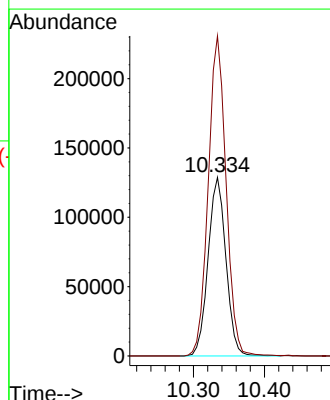
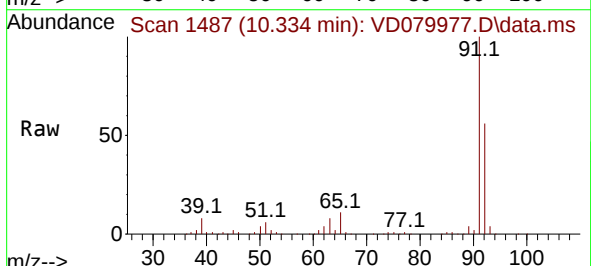
Instrument :
MSVOA_D
ClientSampleId :

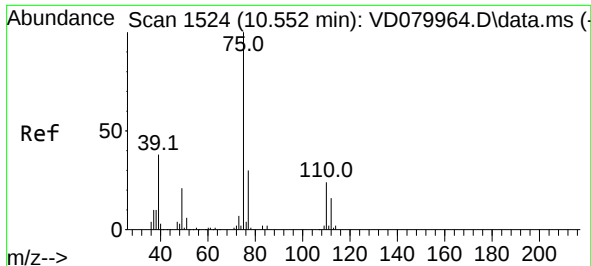
Tgt Ion: 43 Resp: 274180
Ion Ratio Lower Upper
43 100
58 41.1 32.8 49.2



#52
Toluene
Concen: 51.788 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 92 Resp: 225143
Ion Ratio Lower Upper
92 100
91 179.3 139.3 208.9

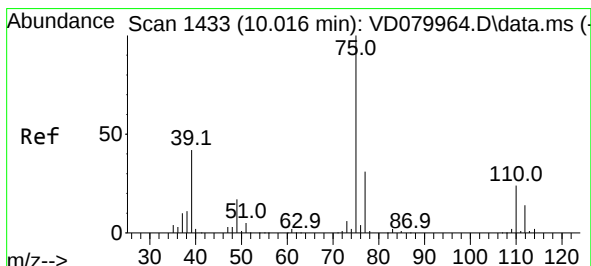
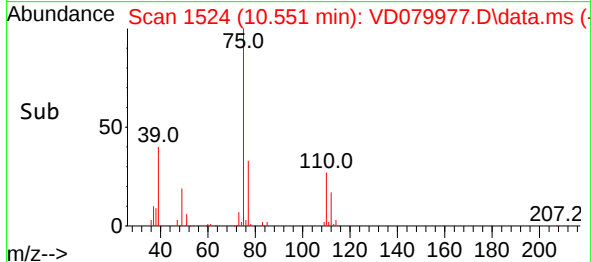
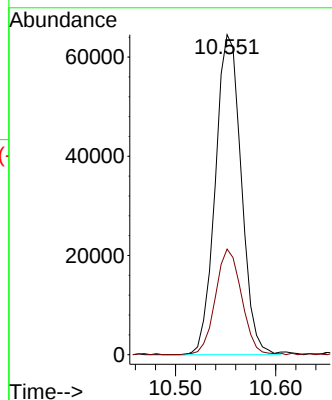
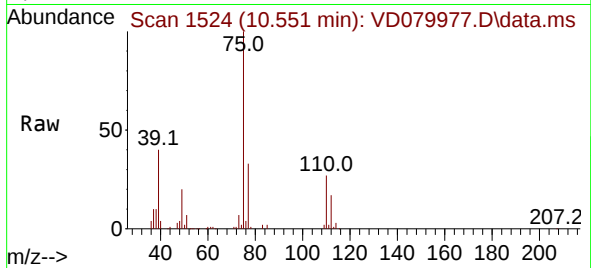




#53
 t-1,3-Dichloropropene
 Concen: 50.204 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD079977.D
 Acq: 14 Oct 2024 15:51

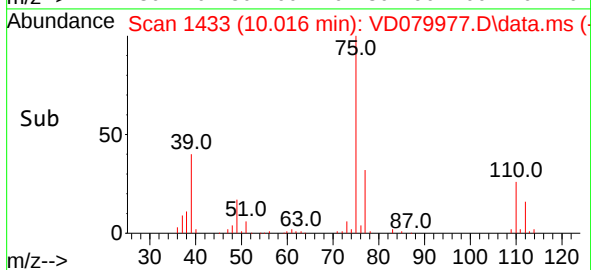
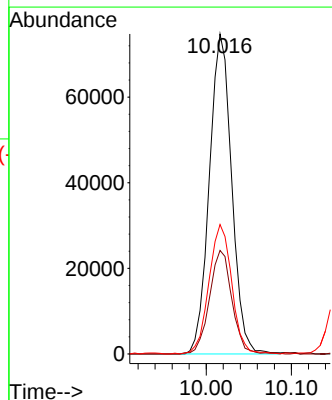
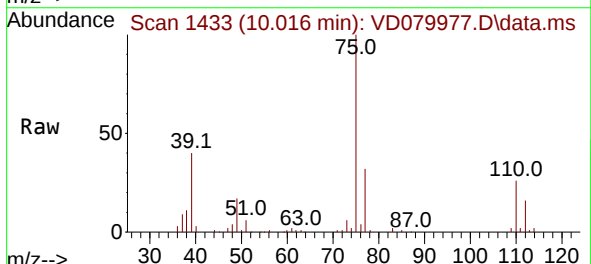
Instrument :
 MSVOA_D
 ClientSampleId :

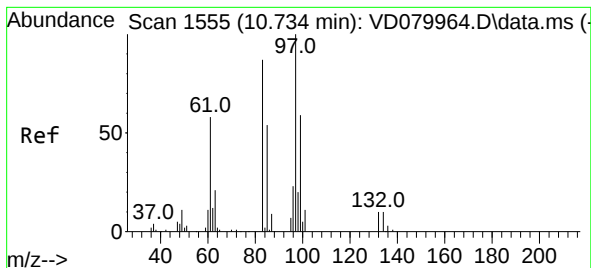
Tgt Ion: 75 Resp: 115831
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 50.063 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079977.D
 Acq: 14 Oct 2024 15:51

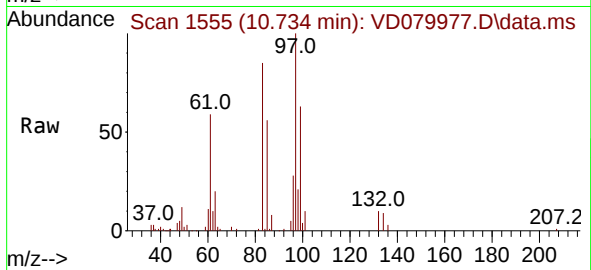
Tgt Ion: 75 Resp: 136296
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4
 39 40.5 33.2 49.8



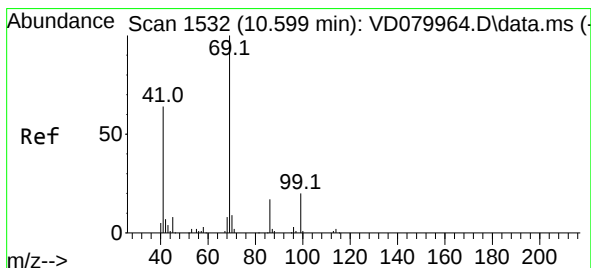
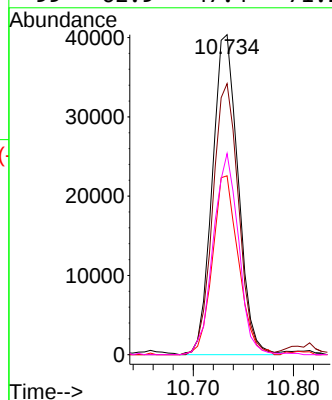
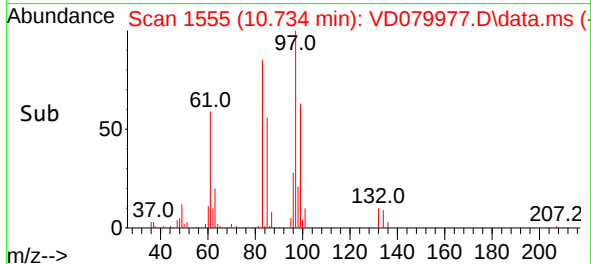


#55
1,1,2-Trichloroethane
Concen: 51.993 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Instrument :
MSVOA_D
ClientSampleId :

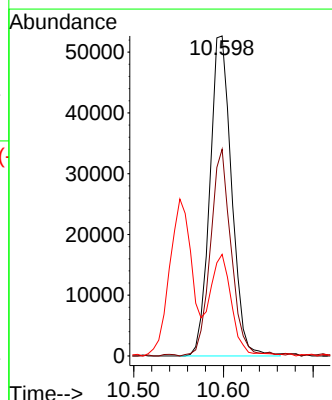
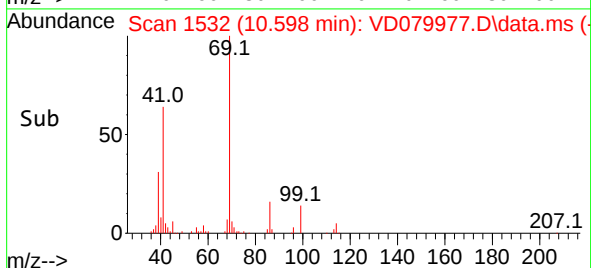
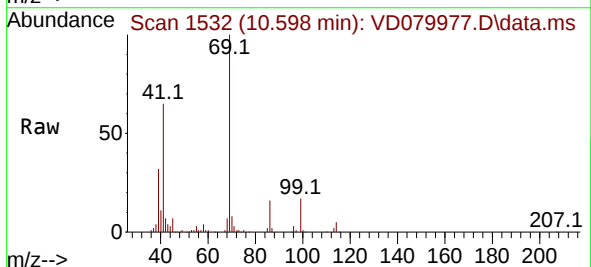


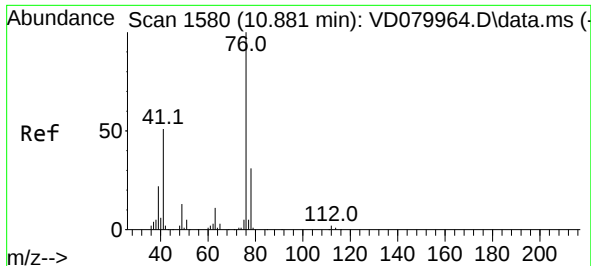
Tgt Ion:	97	Resp:	72554
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.2	103.8
85	55.9	43.0	64.6
99	62.9	47.4	71.2



#56
Ethyl methacrylate
Concen: 54.526 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion:	69	Resp:	88891
Ion	Ratio	Lower	Upper
69	100		
41	61.7	50.4	75.6
39	30.5	26.0	39.0





#57

1,3-Dichloropropane

Concen: 52.886 ug/l

RT: 10.881 min Scan# 119103

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

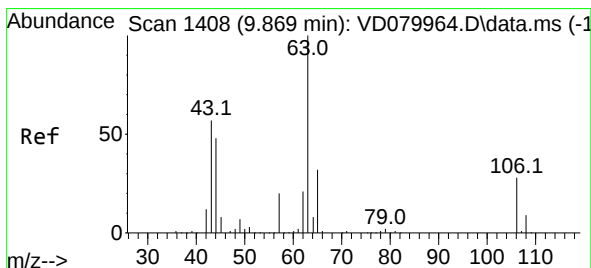
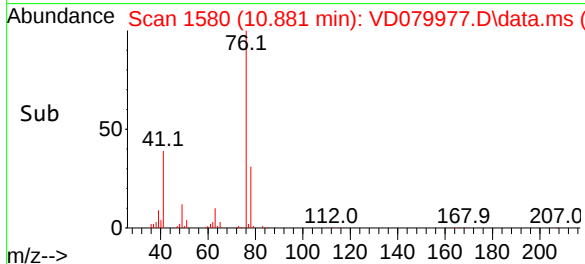
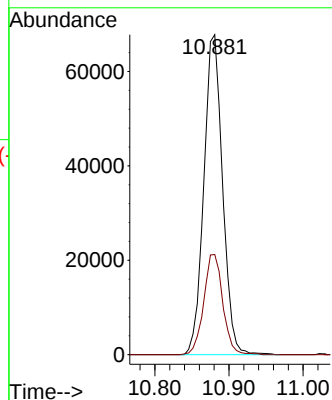
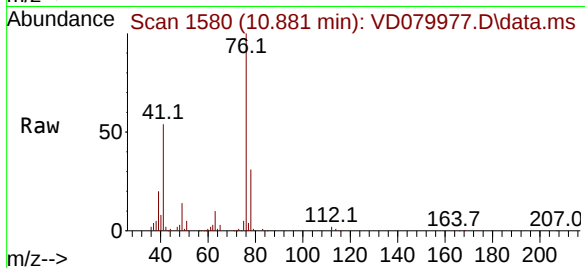
ClientSampleId :

Tgt Ion: 76 Resp: 119103

Ion Ratio Lower Upper

76 100

78 31.9 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 308.044 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079977.D

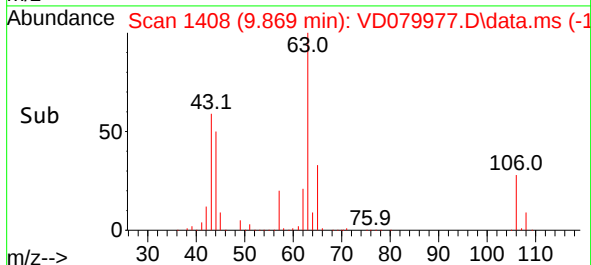
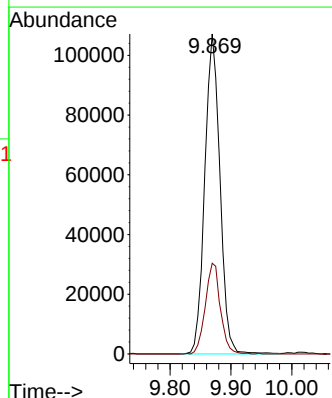
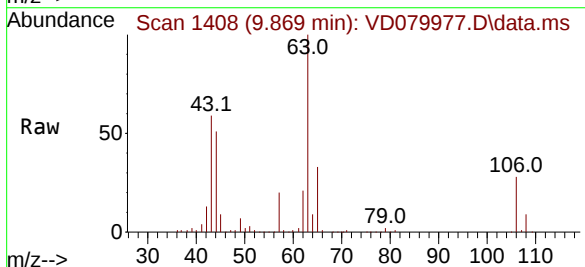
Acq: 14 Oct 2024 15:51

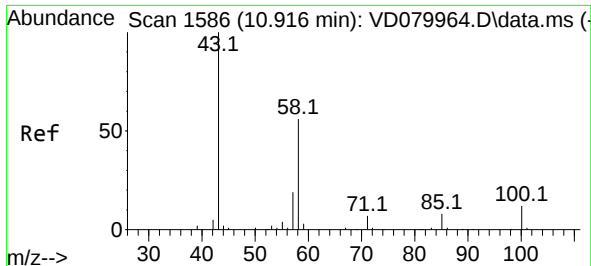
Tgt Ion: 63 Resp: 185829

Ion Ratio Lower Upper

63 100

106 28.1 21.8 32.6

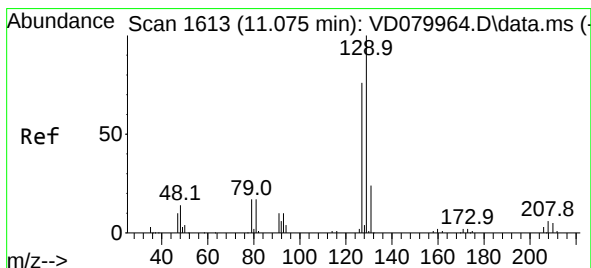
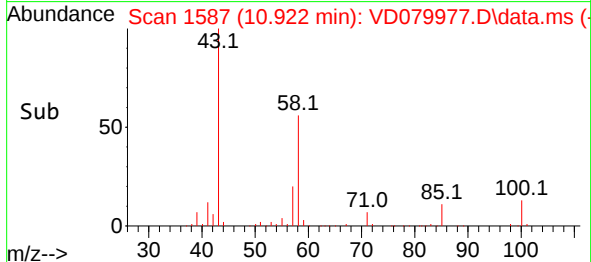
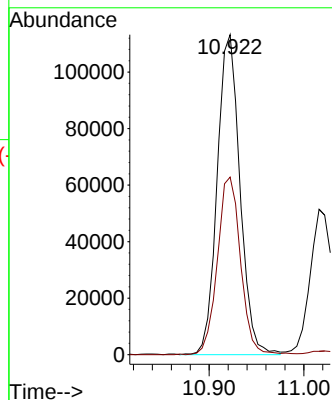
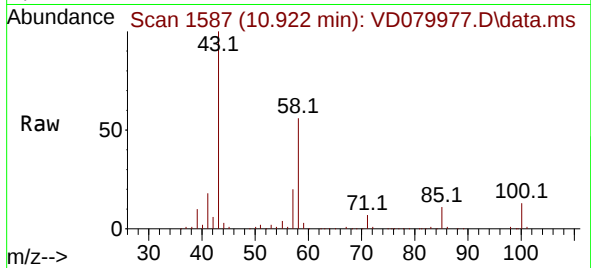




#59
2-Hexanone
Concen: 249.541 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

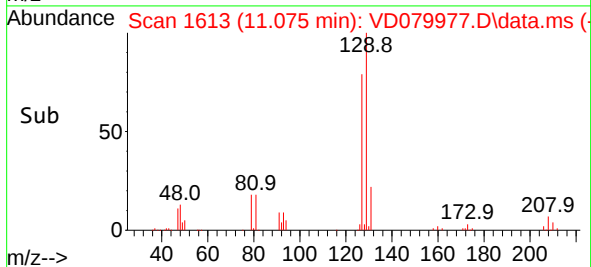
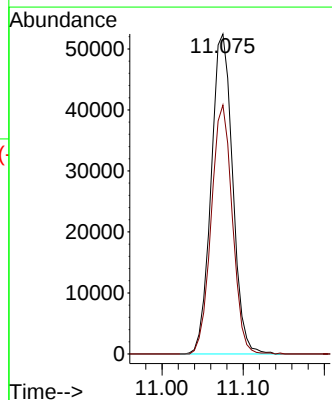
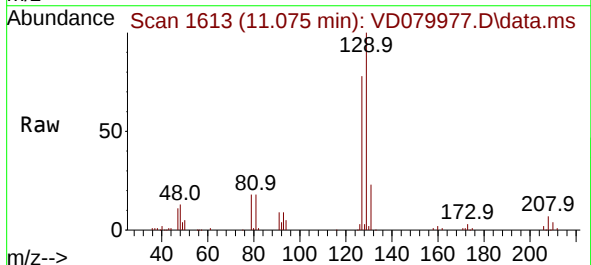
Instrument :
MSVOA_D
ClientSampleId :

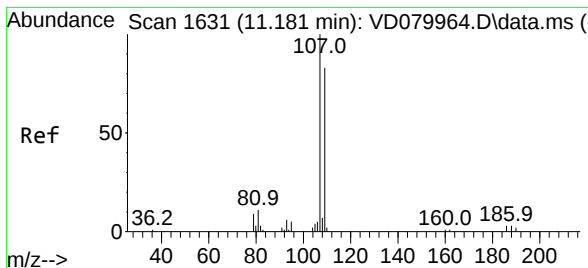
Tgt Ion: 43 Resp: 189359
Ion Ratio Lower Upper
43 100
58 56.6 27.8 83.4



#60
Dibromochloromethane
Concen: 53.222 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion:129 Resp: 96498
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2

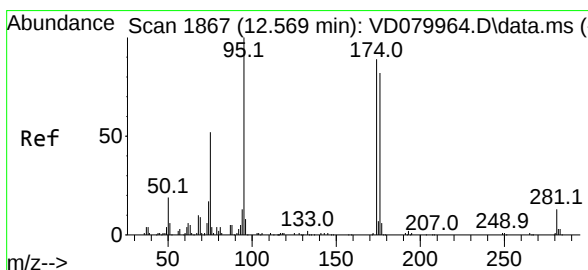
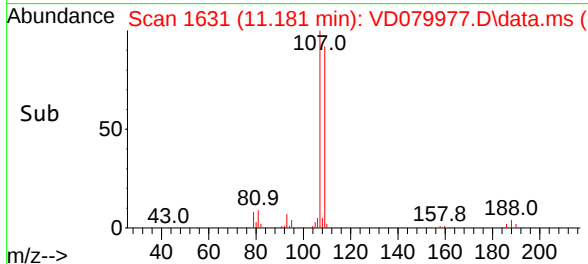
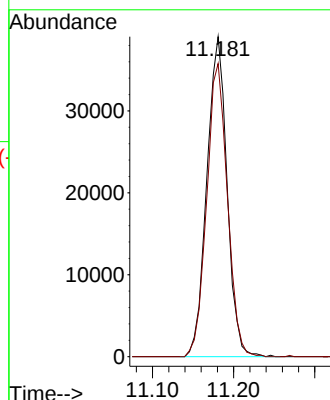
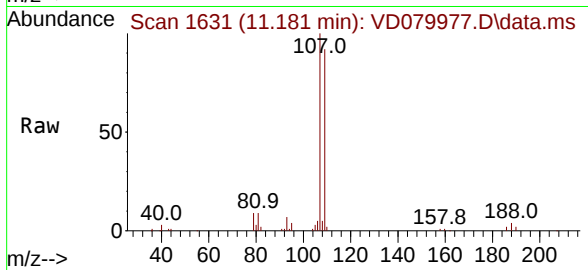




#61
1,2-Dibromoethane
Concen: 52.469 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

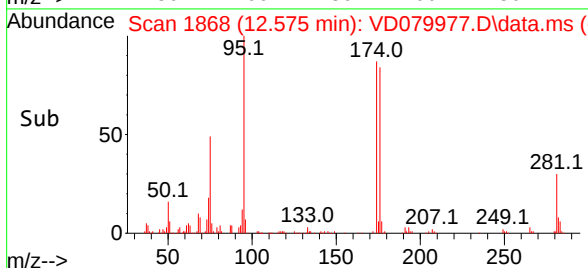
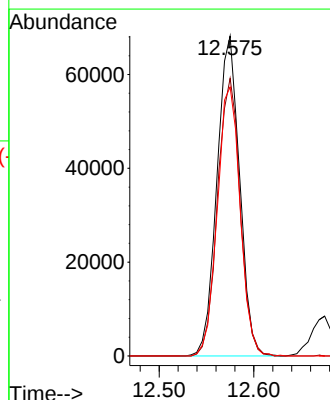
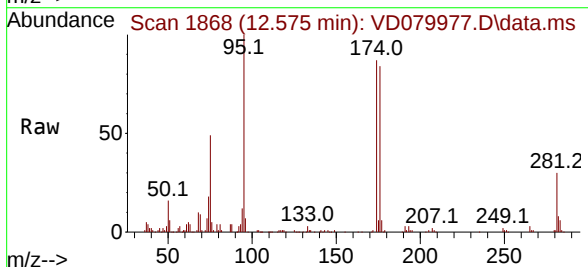
Instrument :
MSVOA_D
ClientSampleId :

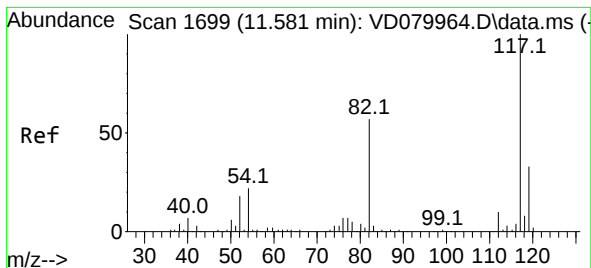
Tgt Ion:107 Resp: 67387
Ion Ratio Lower Upper
107 100
109 94.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 54.332 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

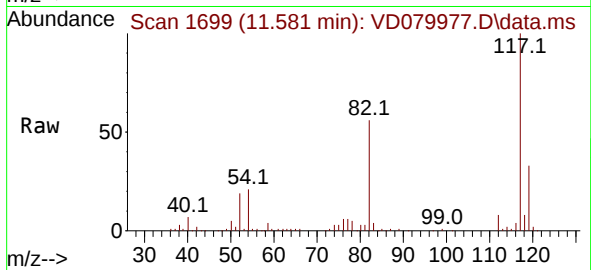
Tgt Ion: 95 Resp: 113229
Ion Ratio Lower Upper
95 100
174 86.8 0.0 173.4
176 84.9 0.0 166.6



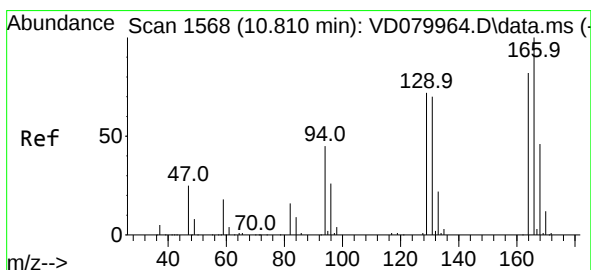
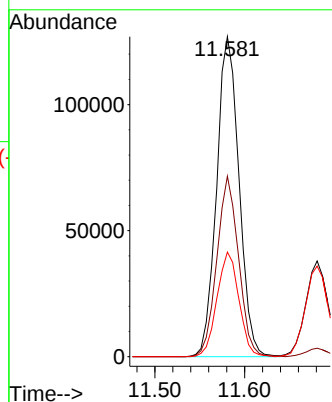
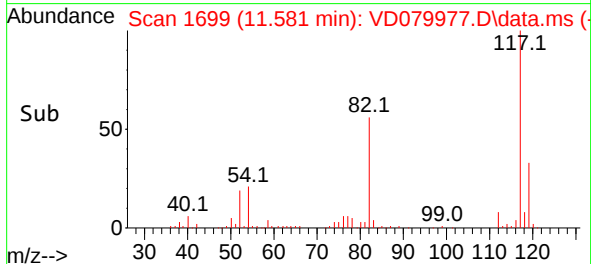


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

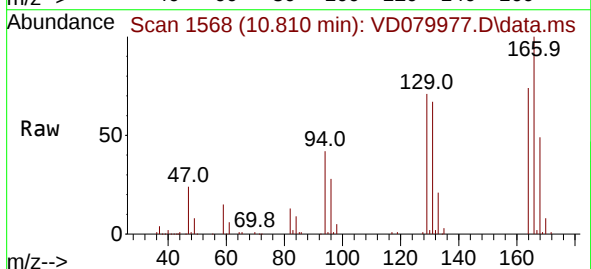
Instrument :
MSVOA_D
ClientSampleId :



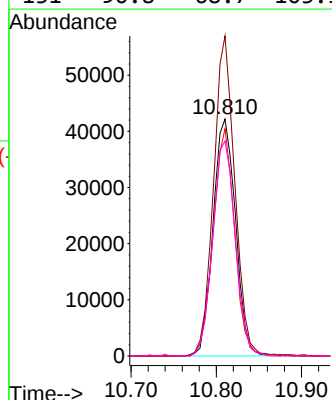
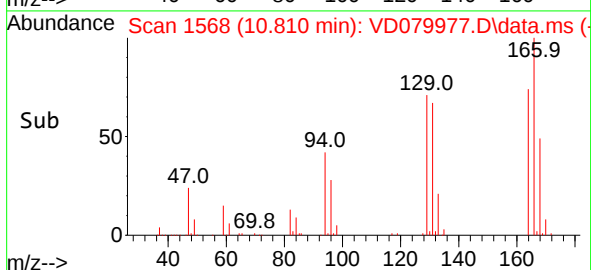
Tgt Ion:117 Resp: 220156
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.6
119 32.7 26.2 39.2

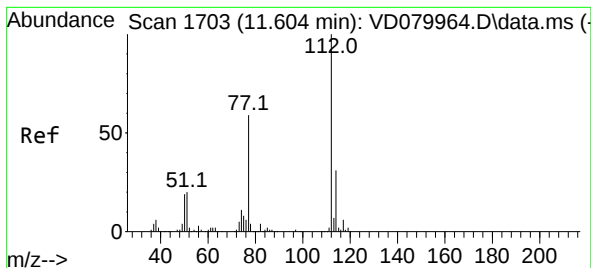


#64
Tetrachloroethene
Concen: 49.944 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51



Tgt Ion:164 Resp: 77554
Ion Ratio Lower Upper
164 100
166 135.1 97.5 146.3
129 96.0 70.6 106.0
131 90.8 68.7 103.1

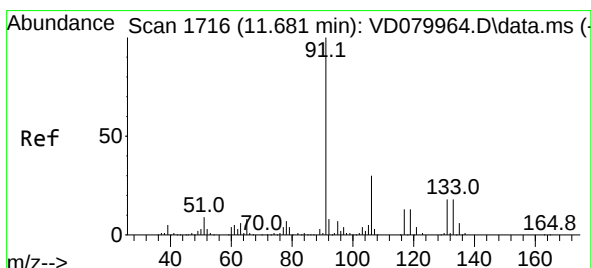
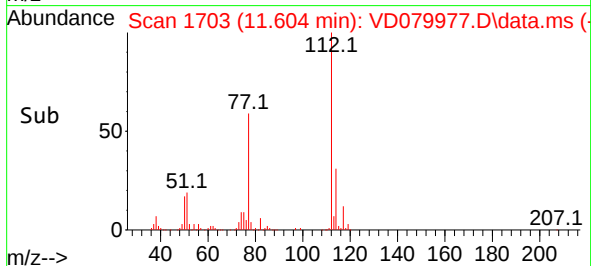
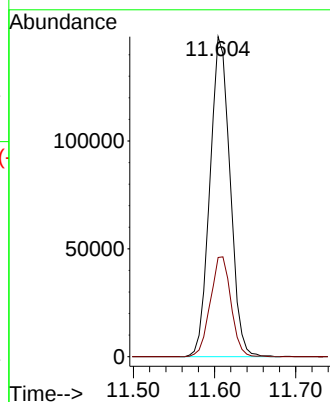
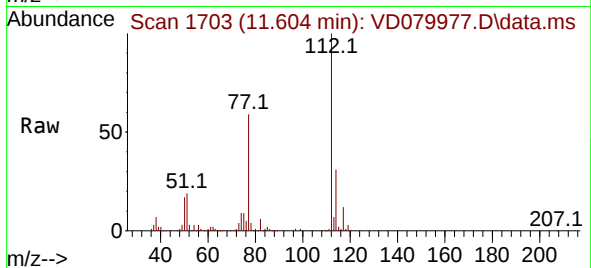




#65
Chlorobenzene
Concen: 49.898 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

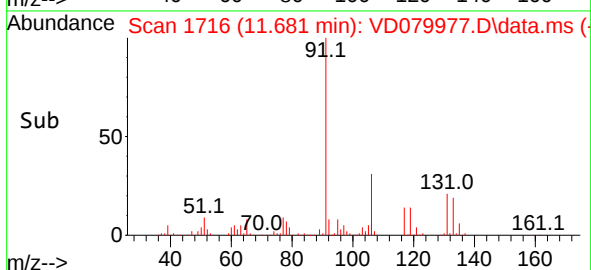
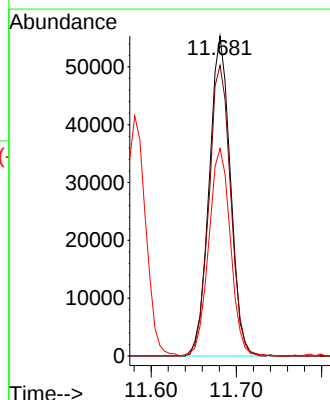
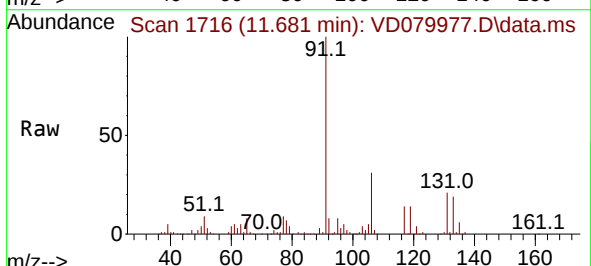
Instrument :
MSVOA_D
ClientSampleId :

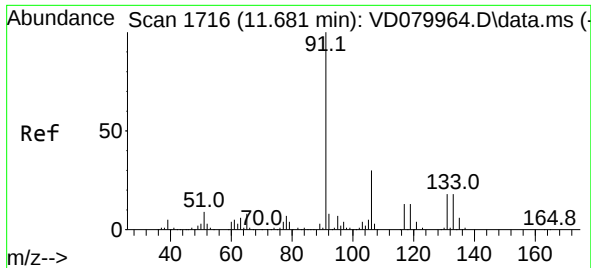
Tgt Ion:112 Resp: 255658
Ion Ratio Lower Upper
112 100
114 31.0 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.828 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion:131 Resp: 95398
Ion Ratio Lower Upper
131 100
133 93.2 48.8 146.4
119 66.6 34.8 104.3

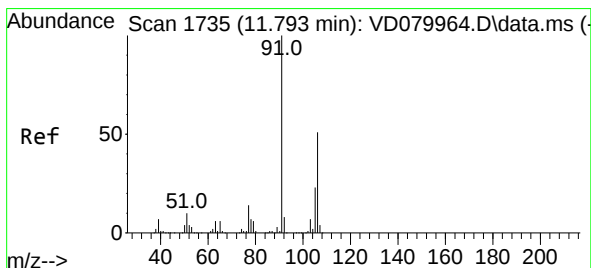
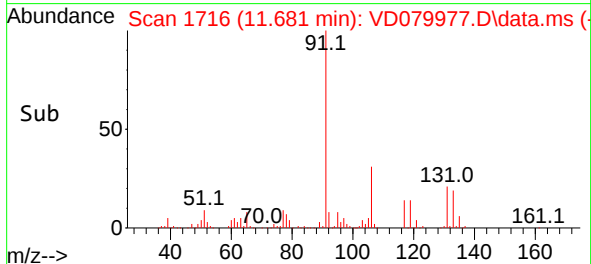
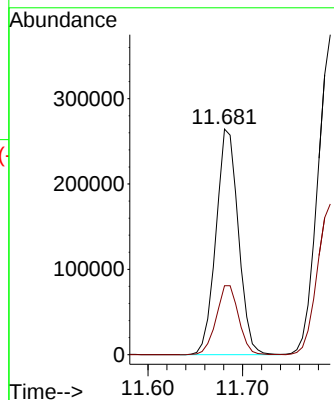
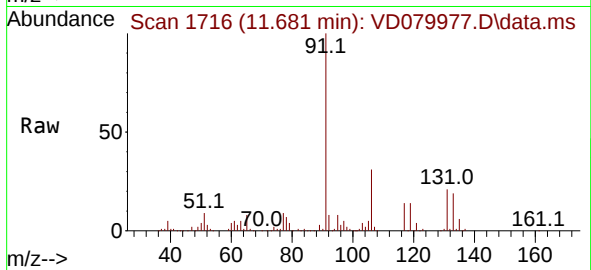




#67
Ethyl Benzene
Concen: 50.035 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

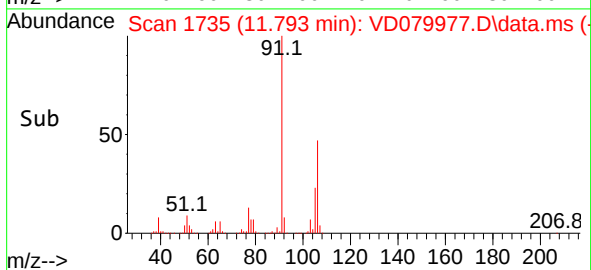
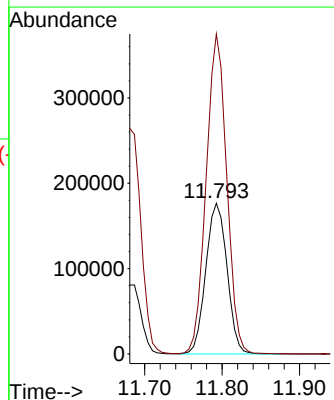
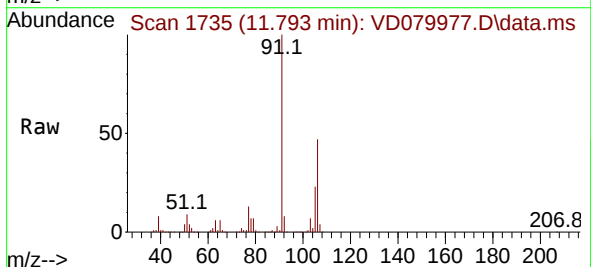
Instrument :
MSVOA_D
ClientSampleId :

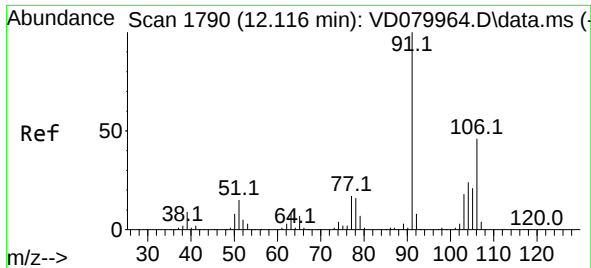
Tgt Ion: 91 Resp: 433604
Ion Ratio Lower Upper
91 100
106 30.6 23.6 35.4



#68
m/p-Xylenes
Concen: 100.938 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion:106 Resp: 335699
Ion Ratio Lower Upper
106 100
91 205.4 162.6 244.0

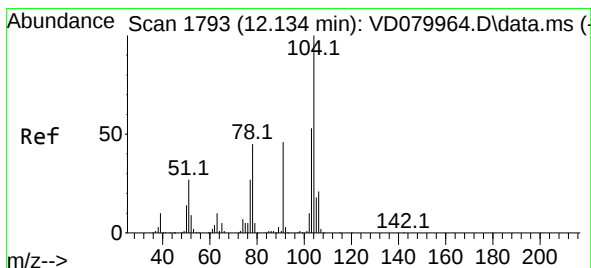
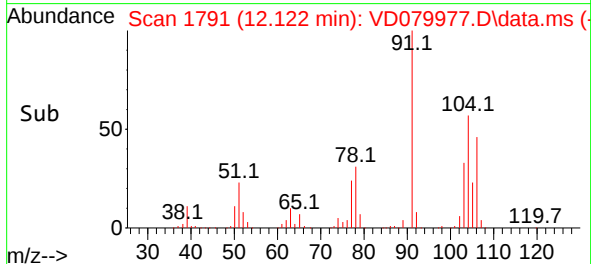
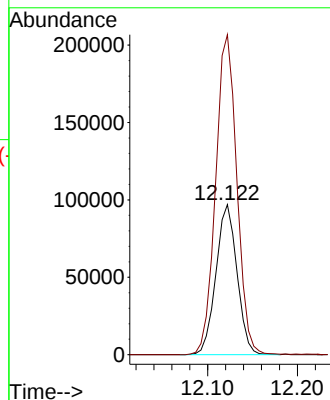
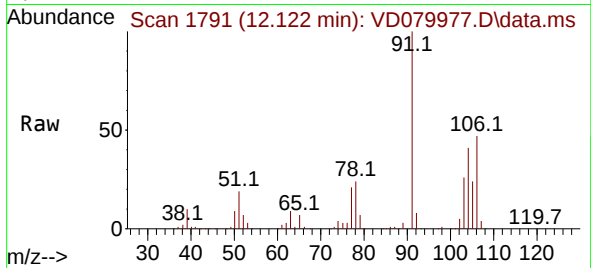




#69
o-Xylene
Concen: 51.348 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

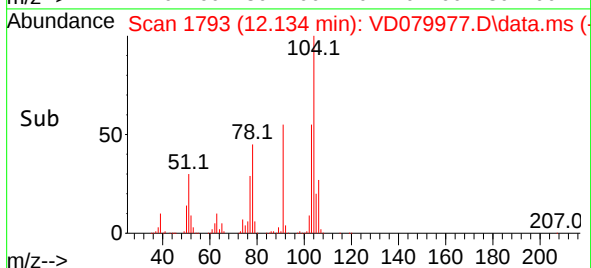
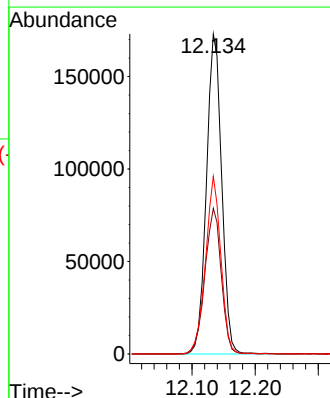
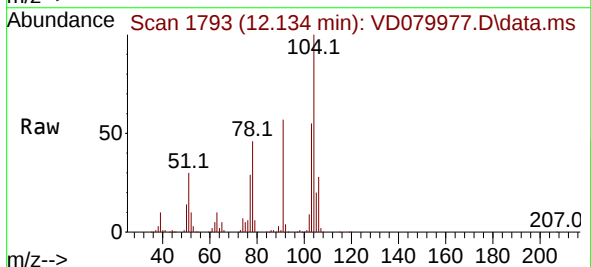
Instrument :
MSVOA_D
ClientSampleId :

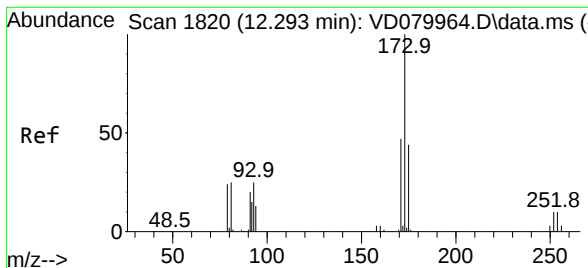
Tgt Ion:106 Resp: 158001
Ion Ratio Lower Upper
106 100
91 214.9 110.5 331.5



#70
Styrene
Concen: 52.957 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion:104 Resp: 289975
Ion Ratio Lower Upper
104 100
78 48.8 39.8 59.8
103 56.1 45.2 67.8





#71

Bromoform

Concen: 51.402 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD079977.D

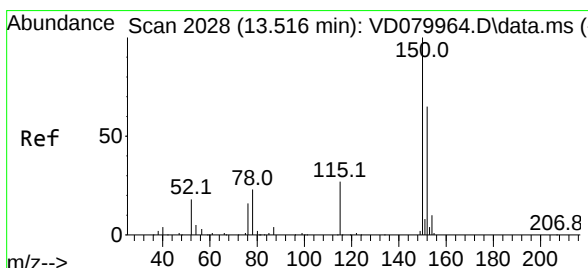
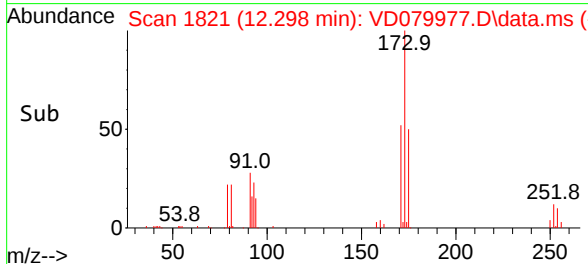
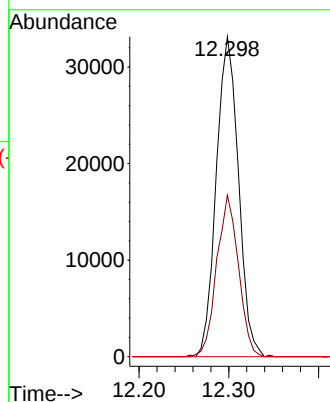
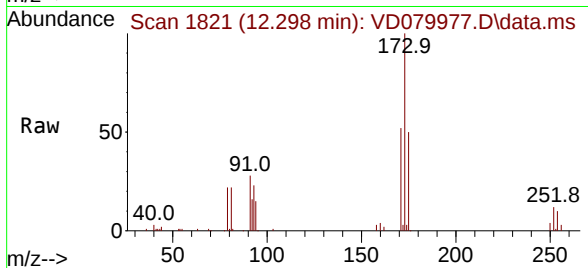
Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	56900
Ion Ratio	Lower	Upper
173	100	
175	49.4	24.8 74.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

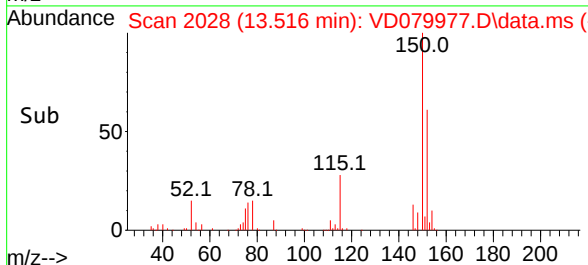
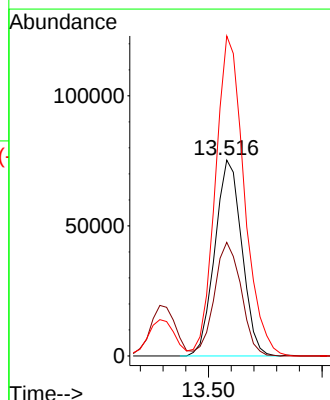
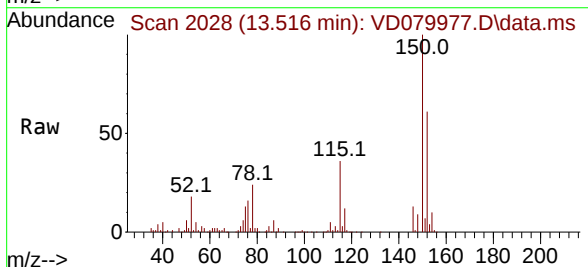
RT: 13.516 min Scan# 2028

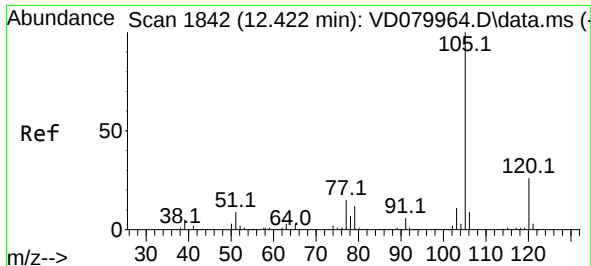
Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Tgt Ion:152	Resp:	124526
Ion Ratio	Lower	Upper
152	100	
115	57.4	28.9 86.8
150	174.6	0.0 354.8

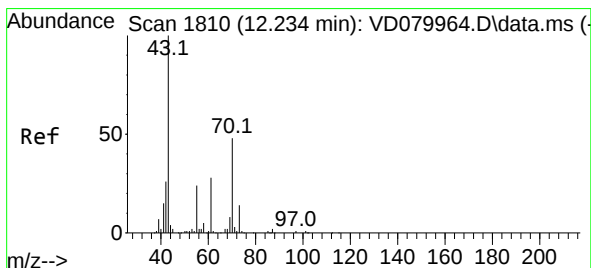
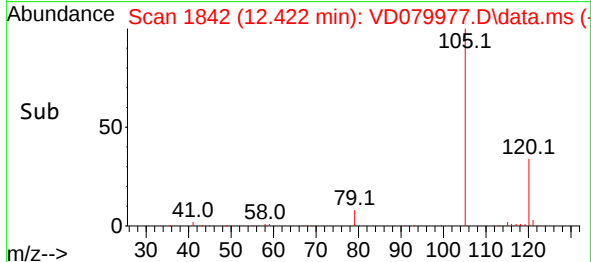
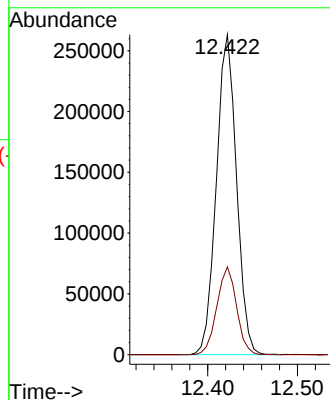
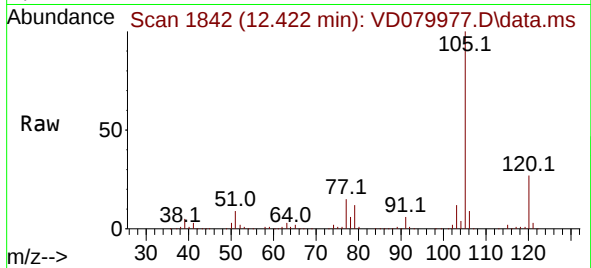




#73
Isopropylbenzene
Concen: 48.506 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

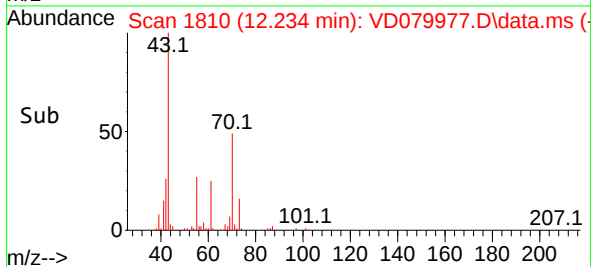
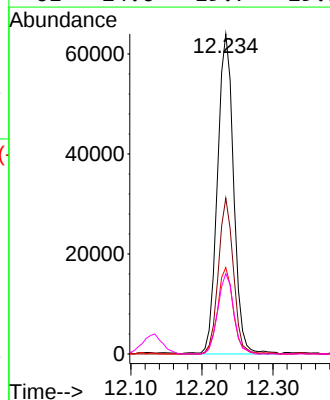
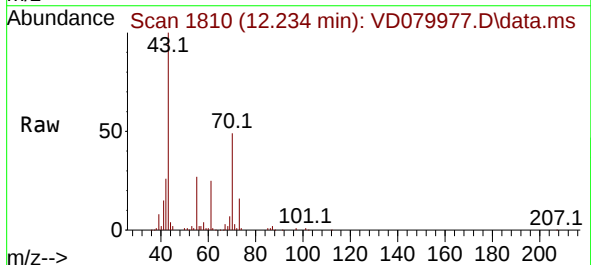
Instrument :
MSVOA_D
ClientSampleId :

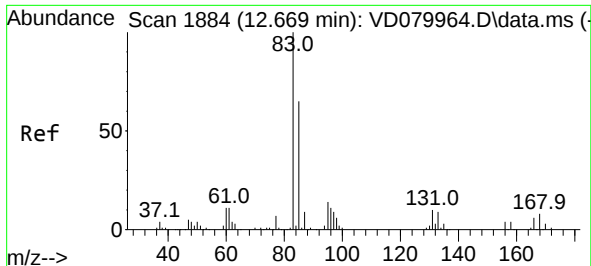
Tgt Ion:105 Resp: 410906
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 49.318 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 43 Resp: 101044
Ion Ratio Lower Upper
43 100
70 44.9 36.3 54.5
55 26.1 20.3 30.5
61 24.6 19.7 29.5

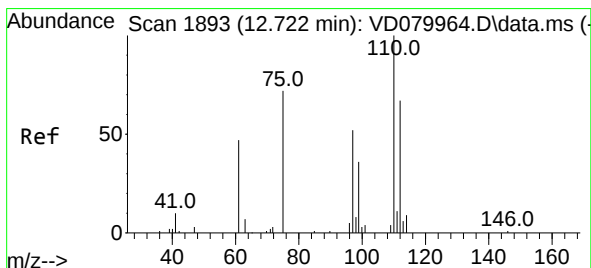
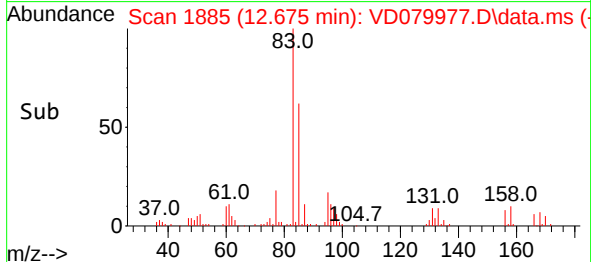
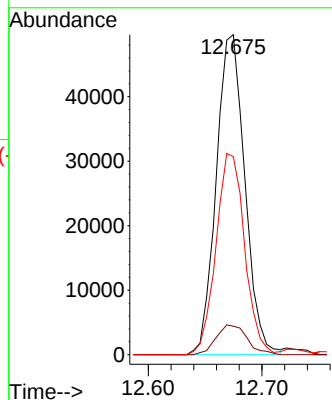
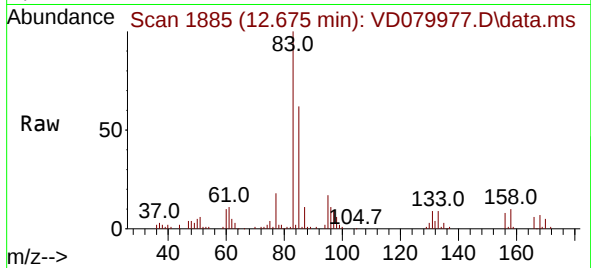




#75
1,1,2,2-Tetrachloroethane
Concen: 50.571 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

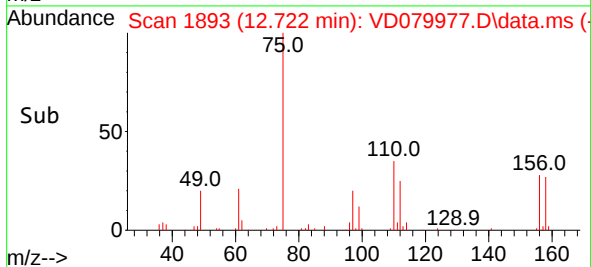
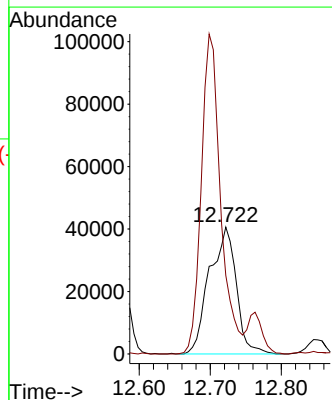
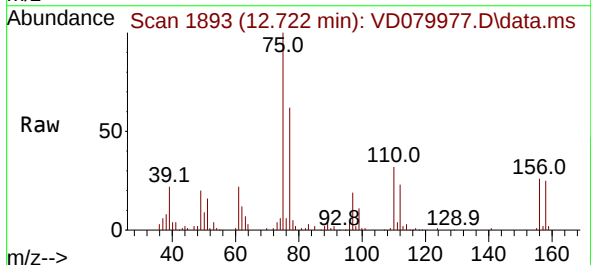
Instrument :
MSVOA_D
ClientSampleId :

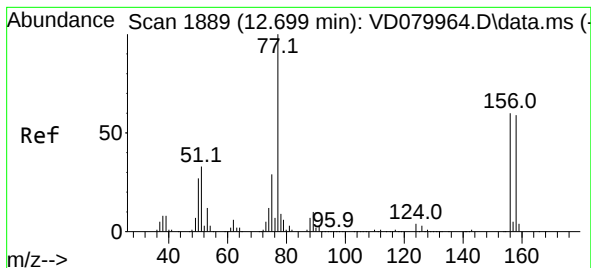
Tgt Ion: 83 Resp: 86859
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 62.8 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 77.476 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 75 Resp: 106438
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.310 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

ClientSampleId :

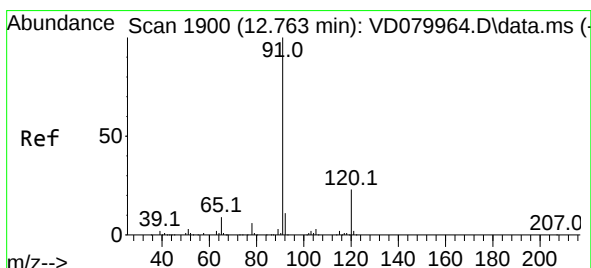
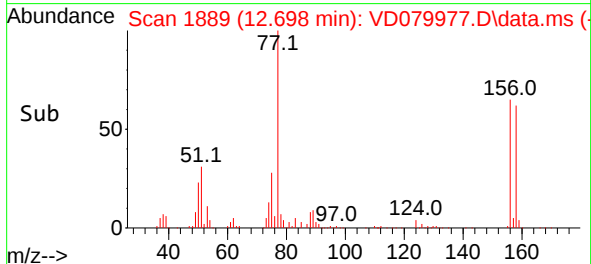
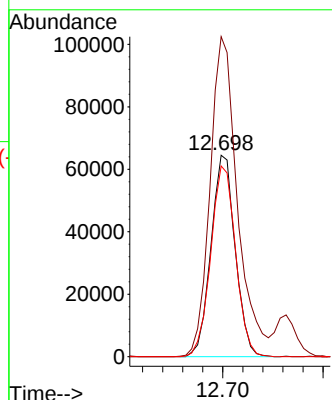
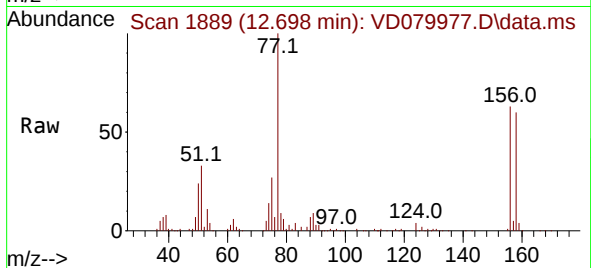
Tgt Ion:156 Resp: 108067

Ion Ratio Lower Upper

156 100

77 179.8 89.8 269.6

158 97.1 47.9 143.8



#78

n-propylbenzene

Concen: 48.944 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD079977.D

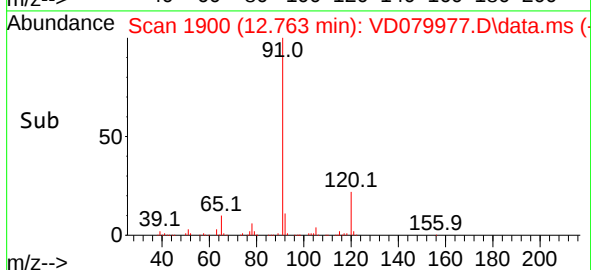
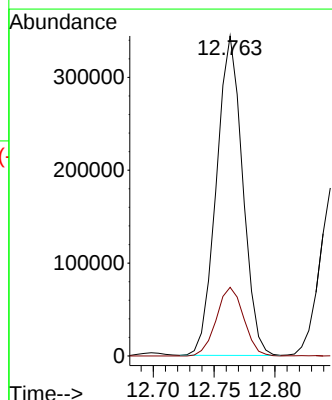
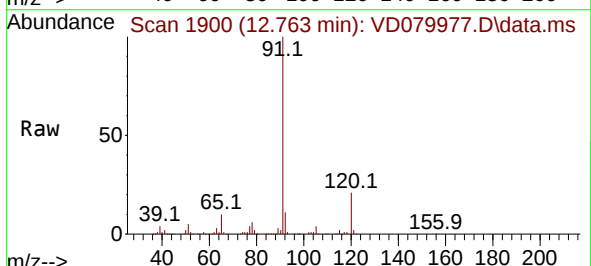
Acq: 14 Oct 2024 15:51

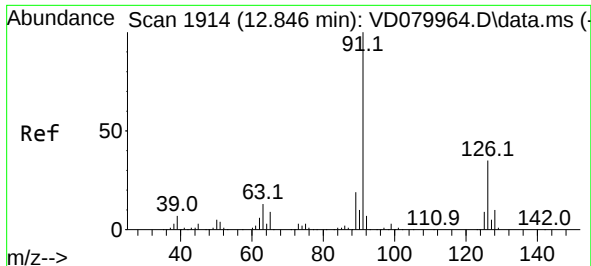
Tgt Ion: 91 Resp: 515468

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5





#79

2-Chlorotoluene

Concen: 49.456 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

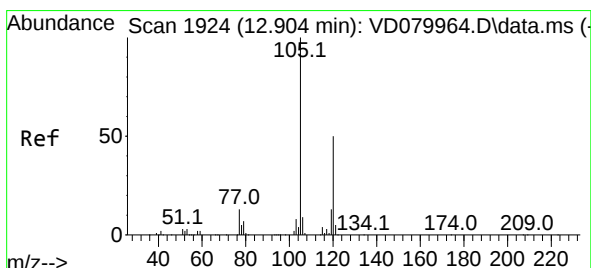
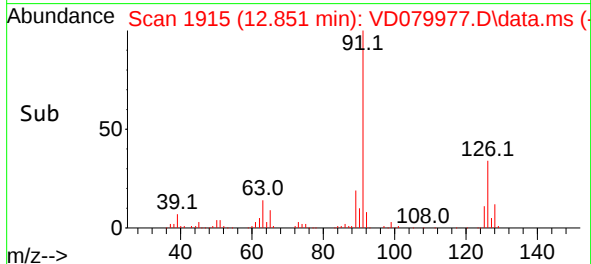
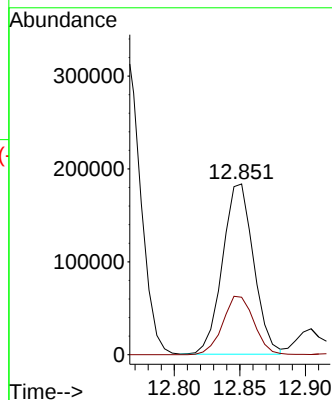
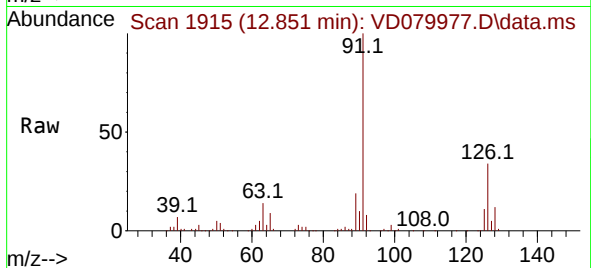
ClientSampleId :

Tgt Ion: 91 Resp: 302606

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 50.185 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD079977.D

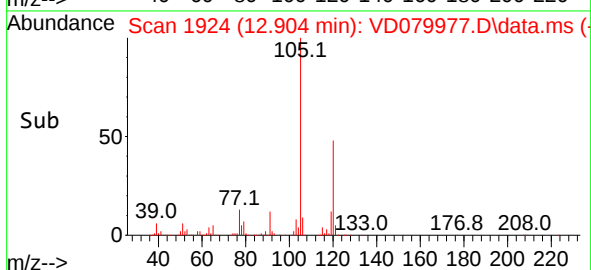
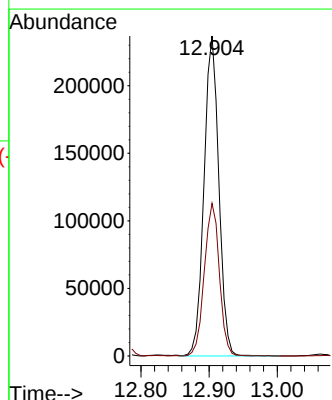
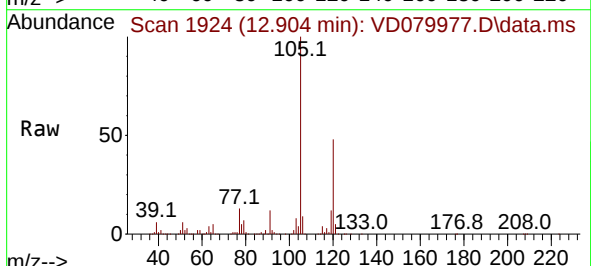
Acq: 14 Oct 2024 15:51

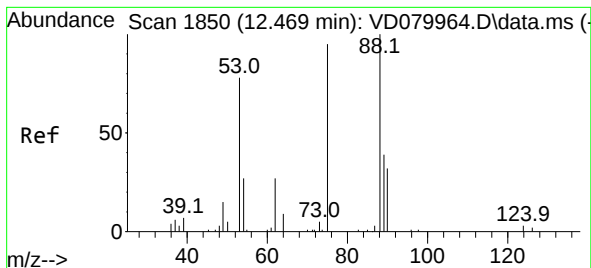
Tgt Ion:105 Resp: 358303

Ion Ratio Lower Upper

105 100

120 48.3 25.0 75.0

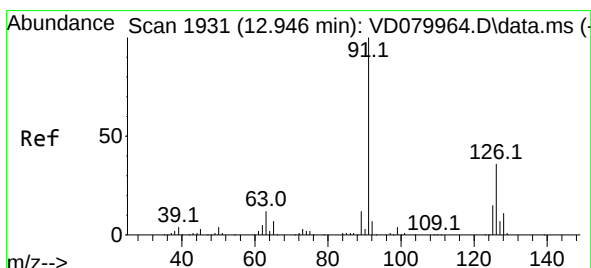
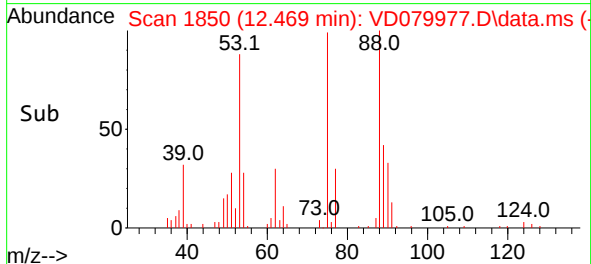
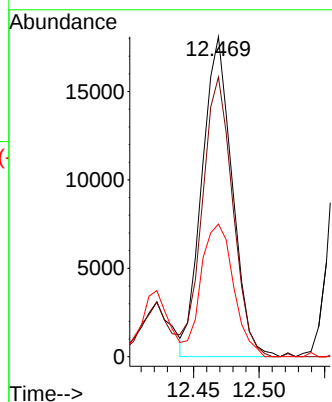
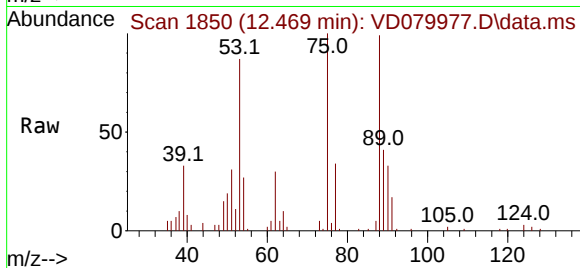




#81
trans-1,4-Dichloro-2-butene
Concen: 46.925 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

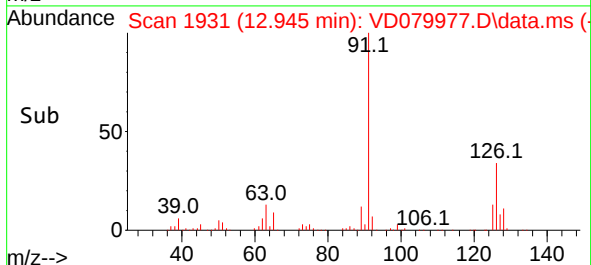
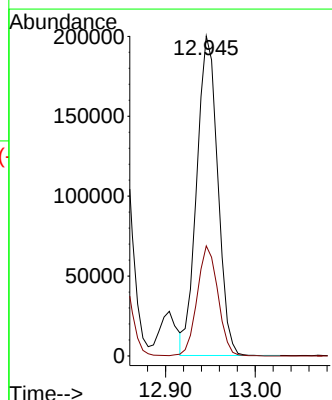
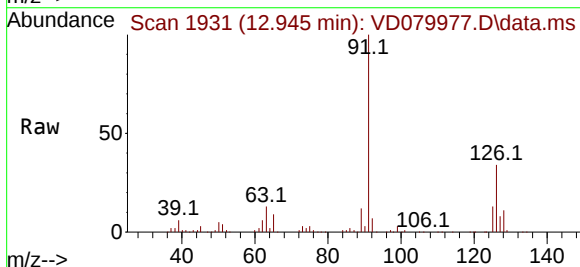
Instrument :
MSVOA_D
ClientSampleId :

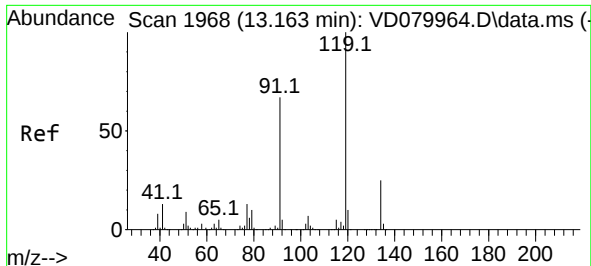
Tgt Ion: 75 Resp: 28887
Ion Ratio Lower Upper
75 100
53 88.2 68.7 103.1
89 45.0 36.1 54.1



#82
4-Chlorotoluene
Concen: 49.294 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 91 Resp: 324036
Ion Ratio Lower Upper
91 100
126 34.1 16.8 50.3

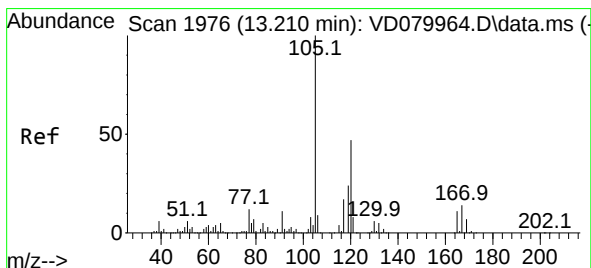
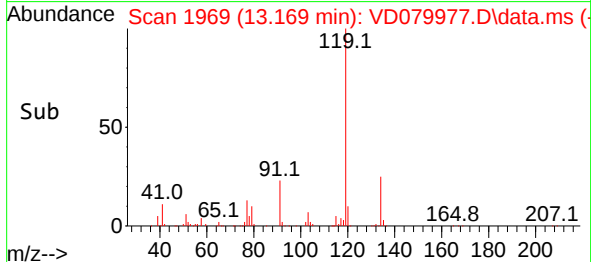
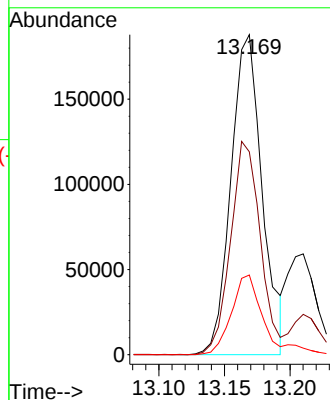
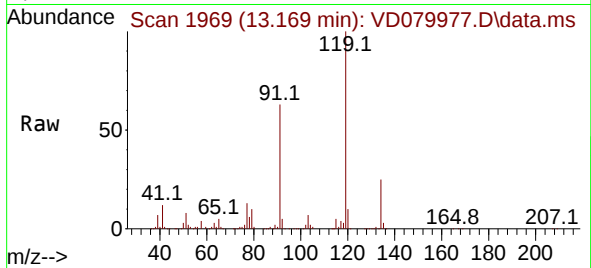




#83
tert-Butylbenzene
Concen: 50.908 ug/l
RT: 13.169 min Scan# 1968
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

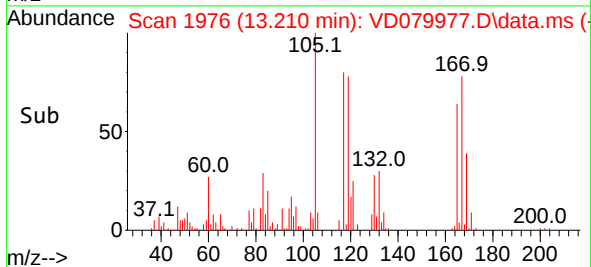
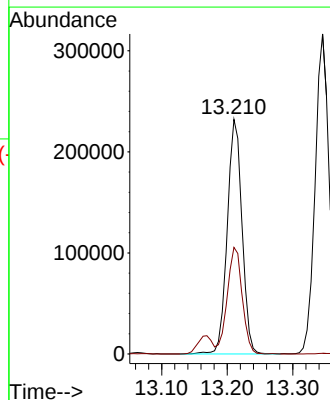
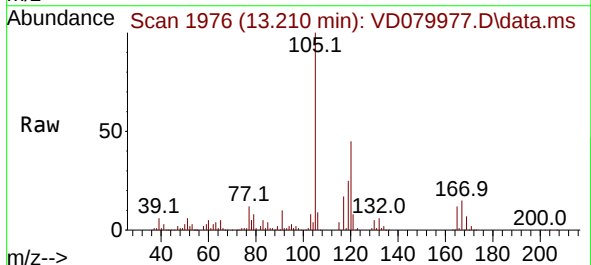
Instrument :
MSVOA_D
ClientSampleId :

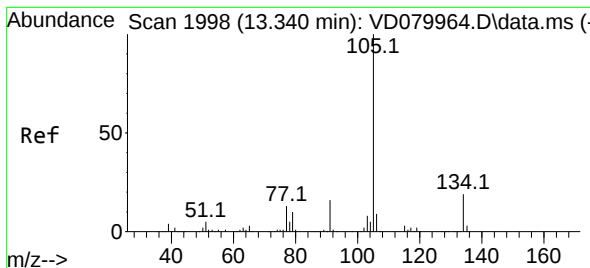
Tgt Ion:119 Resp: 311517
Ion Ratio Lower Upper
119 100
91 63.5 33.3 99.9
134 25.8 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 50.528 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion:105 Resp: 362264
Ion Ratio Lower Upper
105 100
120 46.1 22.8 68.4





#85

sec-Butylbenzene

Concen: 50.257 ug/l

RT: 13.345 min Scan# 1998

Delta R.T. 0.006 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

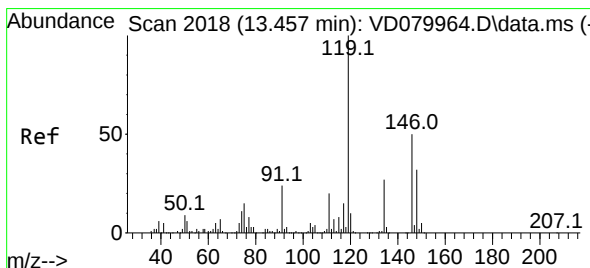
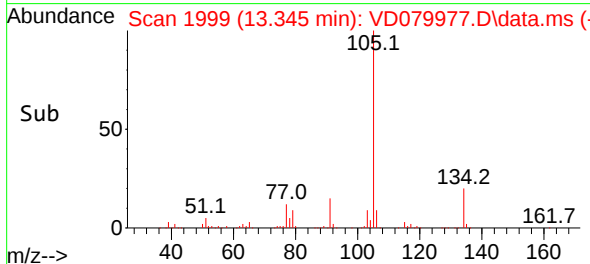
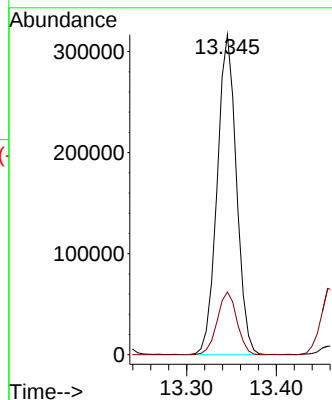
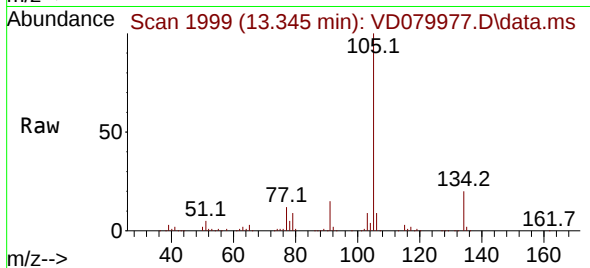
ClientSampleId :

Tgt Ion:105 Resp: 472654

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.533 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

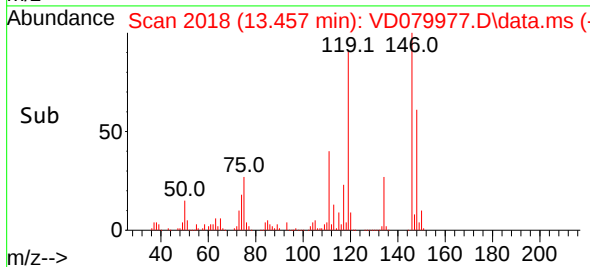
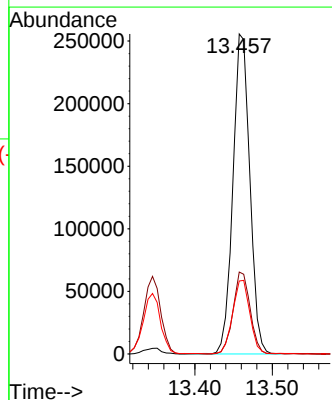
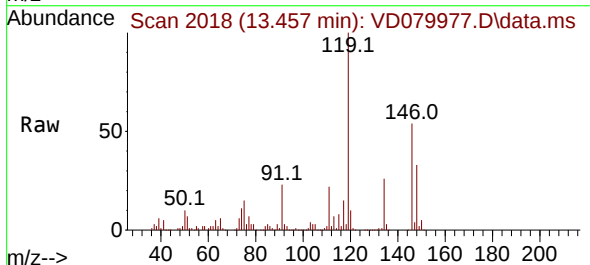
Tgt Ion:119 Resp: 388630

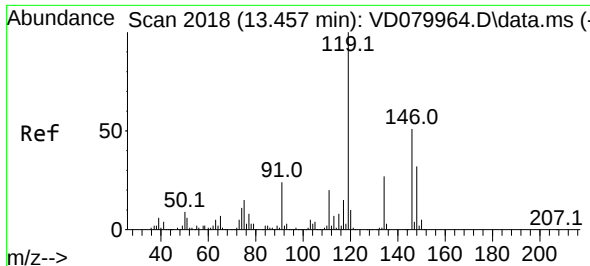
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.6 12.2 36.4

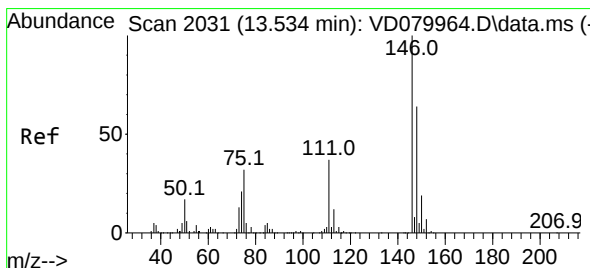
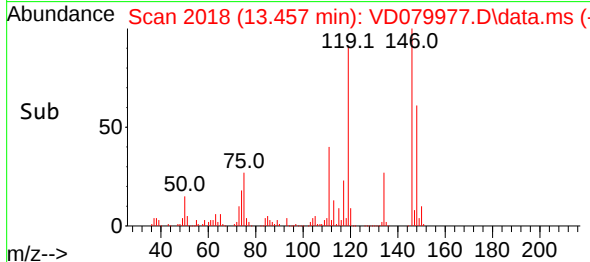
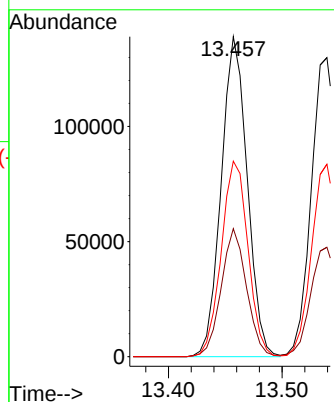
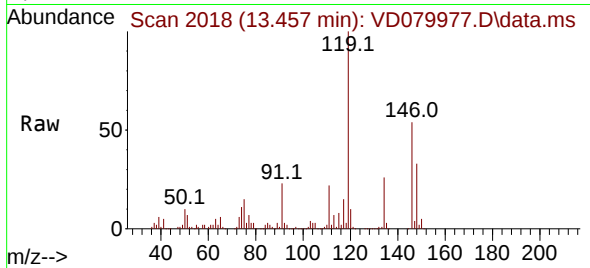




#87
 1,3-Dichlorobenzene
 Concen: 49.378 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079977.D
 Acq: 14 Oct 2024 15:51

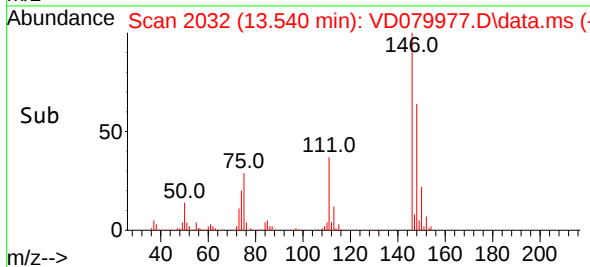
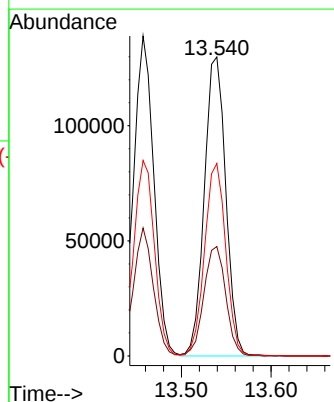
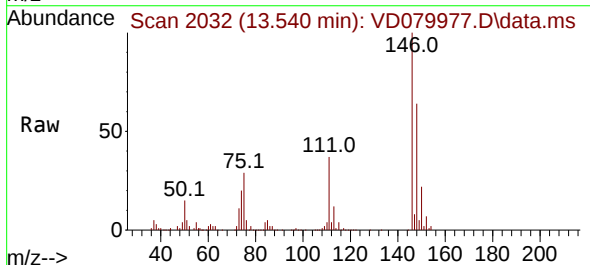
Instrument :
 MSVOA_D
 ClientSampleId :

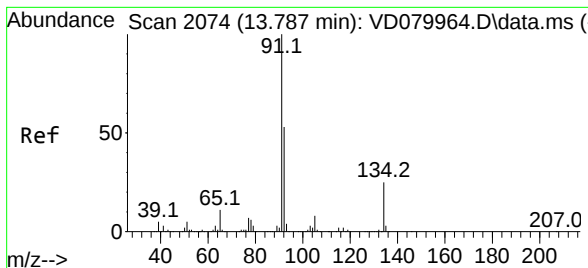
Tgt Ion:146 Resp: 221404
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.0 59.9
 148 62.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.167 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.006 min
 Lab File: VD079977.D
 Acq: 14 Oct 2024 15:51

Tgt Ion:146 Resp: 215786
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.3 57.8
 148 63.8 32.9 98.7





#89

n-Butylbenzene

Concen: 47.231 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

ClientSampleId :

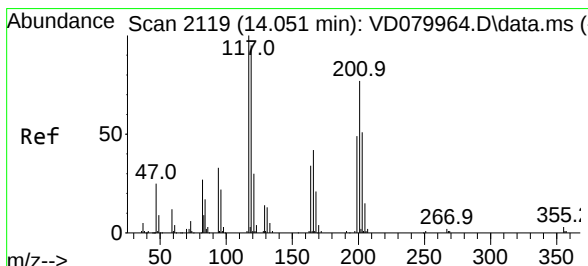
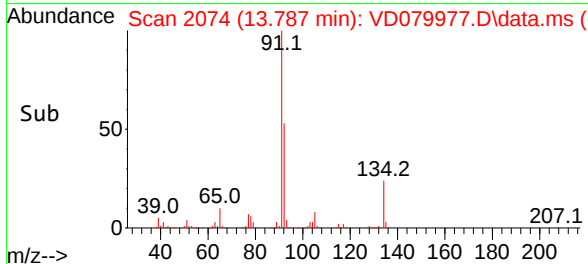
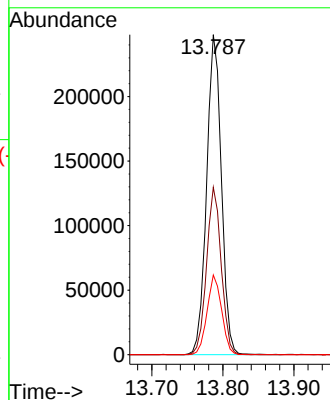
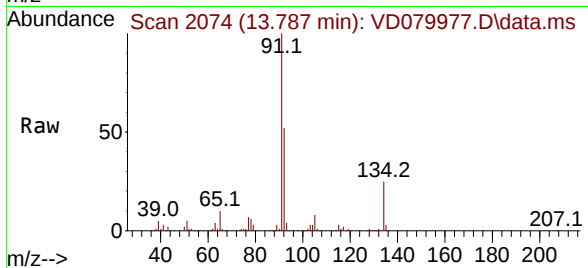
Tgt Ion: 91 Resp: 358417

Ion Ratio Lower Upper

91 100

92 51.9 26.3 78.9

134 24.6 12.3 36.8



#90

Hexachloroethane

Concen: 47.998 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD079977.D

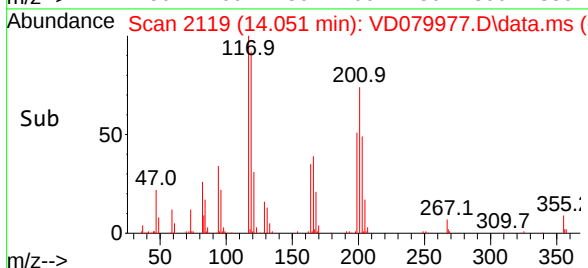
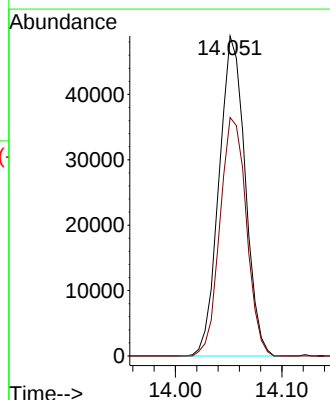
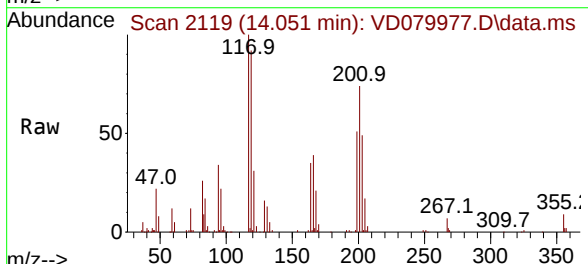
Acq: 14 Oct 2024 15:51

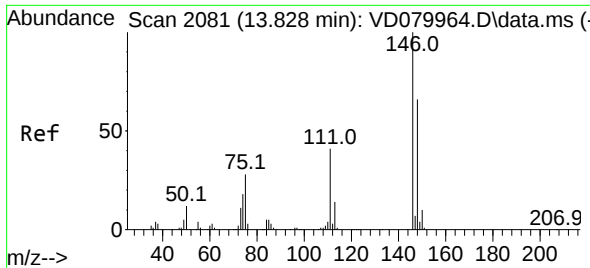
Tgt Ion: 117 Resp: 83242

Ion Ratio Lower Upper

117 100

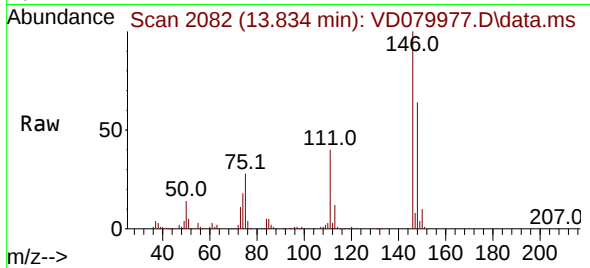
201 75.4 37.5 112.5



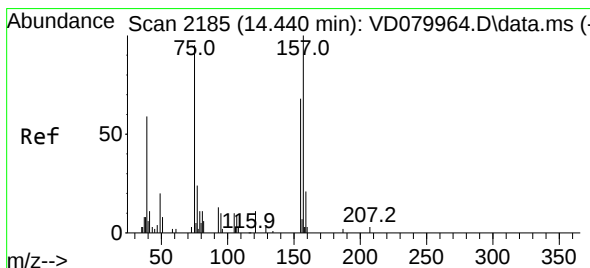
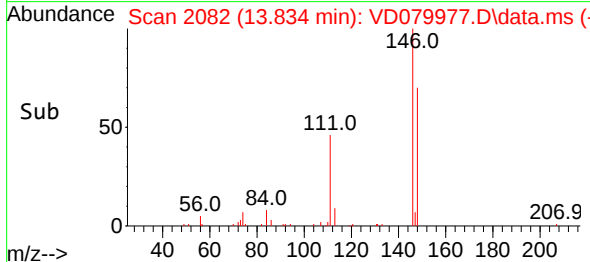
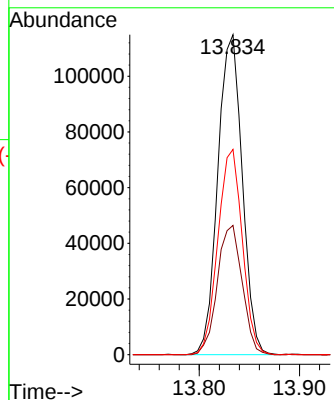


#91
1,2-Dichlorobenzene
Concen: 49.644 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Instrument :
MSVOA_D
ClientSampleId :

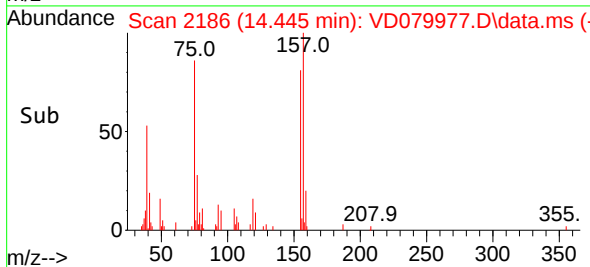
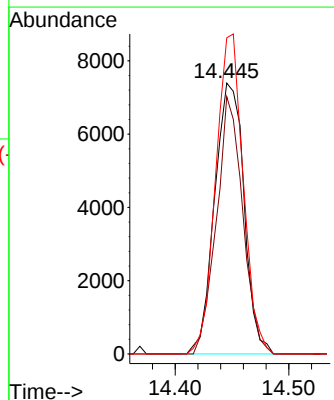
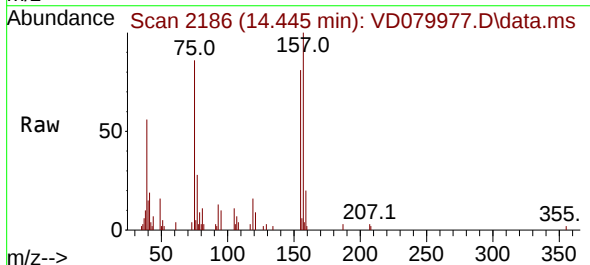


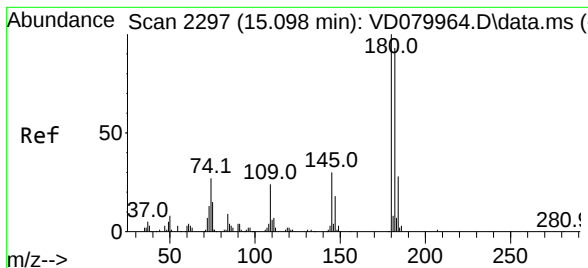
Tgt Ion:146 Resp: 194456
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.8
148 64.2 32.7 98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.292 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion: 75 Resp: 13276
Ion Ratio Lower Upper
75 100
155 85.0 40.6 122.0
157 110.2 53.3 159.9





#93

1,2,4-Trichlorobenzene

Concen: 48.533 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

Instrument :

MSVOA_D

ClientSampleId :

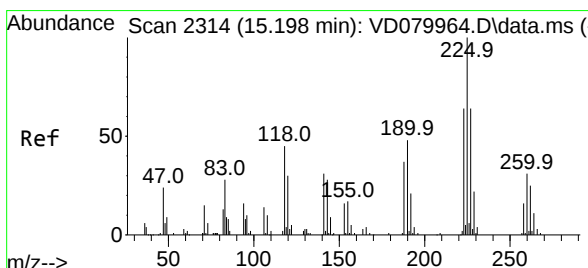
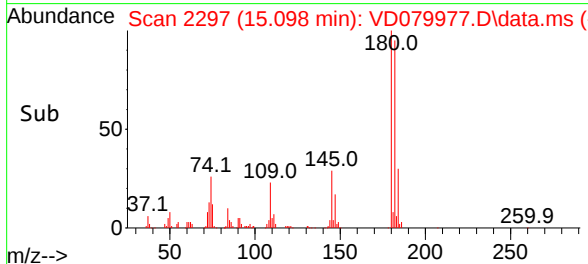
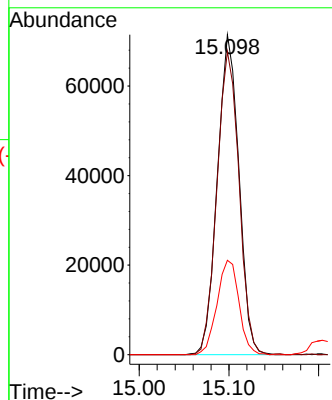
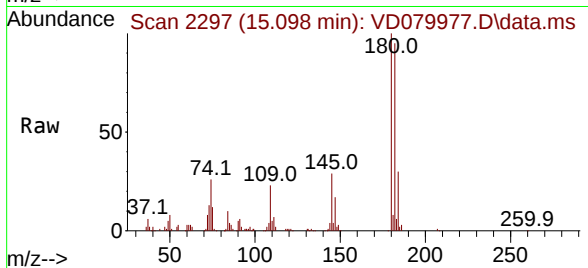
Tgt Ion:180 Resp: 119133

Ion Ratio Lower Upper

180 100

182 97.0 47.4 142.2

145 30.0 14.7 44.1



#94

Hexachlorobutadiene

Concen: 46.594 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD079977.D

Acq: 14 Oct 2024 15:51

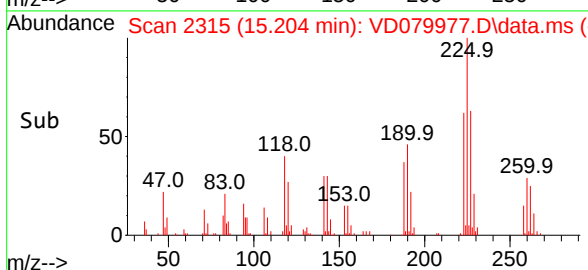
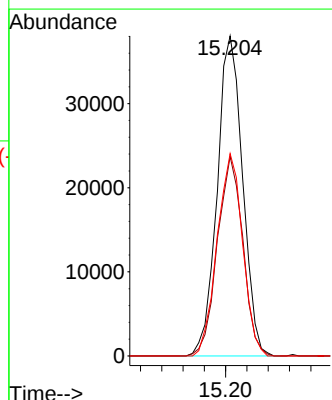
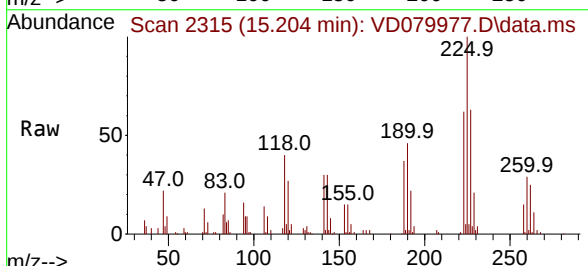
Tgt Ion:225 Resp: 62982

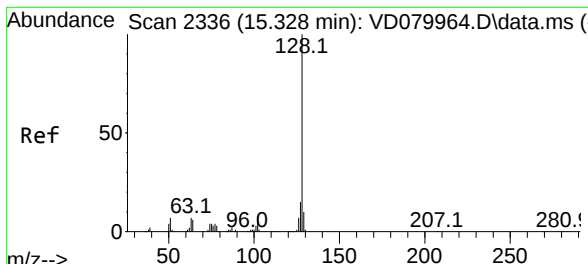
Ion Ratio Lower Upper

225 100

223 62.3 31.5 94.5

227 63.5 30.9 92.5

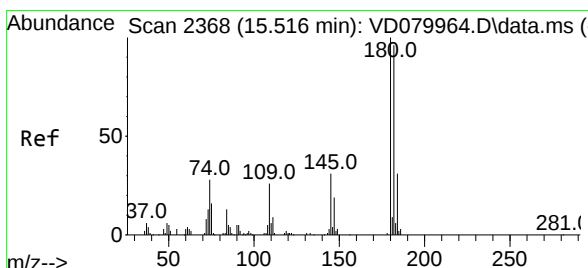
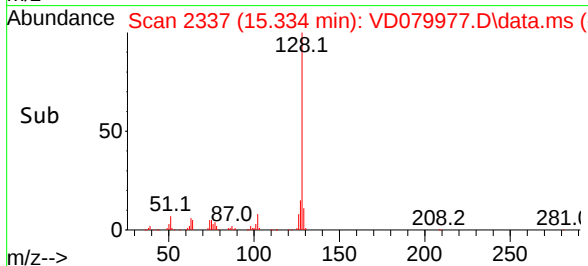
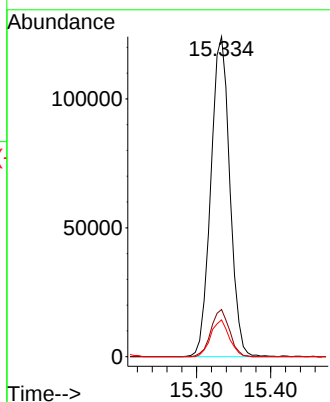
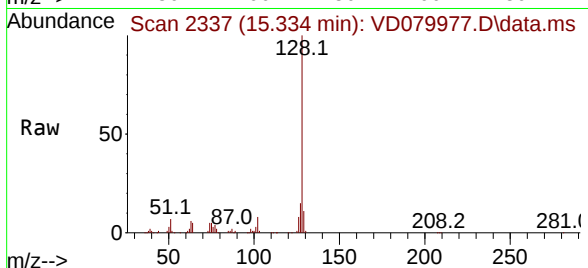




#95
Naphthalene
Concen: 50.388 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	220587
Ion	Ratio	Lower	Upper
128	100		
127	14.7	11.8	17.8
129	11.5	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 50.080 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079977.D
Acq: 14 Oct 2024 15:51

Tgt Ion:	180	Resp:	108944
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	32.2	15.7	47.0

