

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080038.D
 Acq On : 17 Nov 2024 13:28
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:20:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	207094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	343737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	311195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	158443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94007	44.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.180%
35) Dibromofluoromethane	7.805	113	95235	41.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.260%
50) Toluene-d8	10.269	98	397825	46.139	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.280%
62) 4-Bromofluorobenzene	12.569	95	129748	45.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.740%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	83839	50.442	ug/l	98
3) Chloromethane	2.152	50	56118	45.913	ug/l	94
4) Vinyl Chloride	2.287	62	69883	50.081	ug/l	94
5) Bromomethane	2.693	94	72412	49.853	ug/l	100
6) Chloroethane	2.840	64	57667	57.816	ug/l	93
7) Trichlorofluoromethane	3.175	101	185444	54.107	ug/l	98
8) Diethyl Ether	3.593	74	54652	54.624	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	110413	51.570	ug/l	97
10) Methyl Iodide	4.164	142	144415	54.494	ug/l	96
11) Tert butyl alcohol	5.052	59	29204	263.190	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	112046	52.214	ug/l	96
13) Acrolein	3.793	56	48233	226.538	ug/l	100
14) Allyl chloride	4.564	41	160962	52.916	ug/l	97
15) Acrylonitrile	5.258	53	118571	266.767	ug/l	100
16) Acetone	4.022	43	137125	296.400	ug/l	94
17) Carbon Disulfide	4.269	76	361977	52.386	ug/l	99
18) Methyl Acetate	4.564	43	55342	53.938	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	237291	54.203	ug/l	99
20) Methylene Chloride	4.799	84	128606	51.834	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	123564	52.087	ug/l	97
22) Diisopropyl ether	6.216	45	333245	54.101	ug/l	99
23) Vinyl Acetate	6.152	43	979795	277.638	ug/l	98
24) 1,1-Dichloroethane	6.111	63	208919	50.996	ug/l	98
25) 2-Butanone	7.081	43	153773	254.355	ug/l	96
26) 2,2-Dichloropropane	7.075	77	179843	50.502	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	142286	52.265	ug/l	95
28) Bromochloromethane	7.422	49	89606	49.149	ug/l #	86
29) Tetrahydrofuran	7.446	42	89177	269.287	ug/l	96
30) Chloroform	7.593	83	222703	51.599	ug/l	98
31) Cyclohexane	7.875	56	175738	50.614	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	192368	52.082	ug/l	99
36) 1,1-Dichloropropene	8.005	75	157165	50.242	ug/l	99
37) Ethyl Acetate	7.169	43	62227	46.280	ug/l #	96
38) Carbon Tetrachloride	7.993	117	167029	48.871	ug/l	93
39) Methylcyclohexane	9.275	83	207293	55.659	ug/l	97
40) Benzene	8.252	78	482870	49.522	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	35839	49.391	ug/l	96
42) 1,2-Dichloroethane	8.322	62	124069	49.167	ug/l	98
43) Isopropyl Acetate	8.357	43	124911	51.248	ug/l	99
44) Trichloroethene	9.028	130	127961	50.715	ug/l	92
45) 1,2-Dichloropropane	9.304	63	119307	50.916	ug/l	95
46) Dibromomethane	9.393	93	67416	49.464	ug/l	97
47) Bromodichloromethane	9.581	83	170389	49.946	ug/l	98
48) Methyl methacrylate	9.381	41	64422	55.365	ug/l	97
49) 1,4-Dioxane	9.387	88	14958	1196.381	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	317581	256.819	ug/l	96
52) Toluene	10.334	92	345566	57.030	ug/l	80
53) t-1,3-Dichloropropene	10.551	75	152624	50.188	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	259931	72.196	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	92163	51.113	ug/l	96
56) Ethyl methacrylate	10.599	69	114113	54.424	ug/l #	89
57) 1,3-Dichloropropane	10.875	76	151191	51.544	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	225188	283.963	ug/l	95
59) 2-Hexanone	10.916	43	260875	286.809	ug/l	98
60) Dibromochloromethane	11.075	129	119875	51.650	ug/l	100
61) 1,2-Dibromoethane	11.181	107	88646	52.142	ug/l	98
64) Tetrachloroethene	10.810	164	116221	52.443	ug/l	99
65) Chlorobenzene	11.604	112	350464	51.627	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	120936	51.179	ug/l	98
67) Ethyl Benzene	11.681	91	603644	52.996	ug/l	96
68) m/p-Xylenes	11.793	106	479093	107.626	ug/l	99
69) o-Xylene	12.122	106	214237	53.540	ug/l	98
70) Styrene	12.134	104	384619	53.853	ug/l	100
71) Bromoform	12.298	173	70029	50.264	ug/l #	100
73) Isopropylbenzene	12.422	105	567528	55.543	ug/l	99
74) N-amyl acetate	12.234	43	124871	55.464	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	103045	52.476	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	145818	104.224	ug/l #	100
77) Bromobenzene	12.698	156	140848	53.043	ug/l	99
78) n-propylbenzene	12.763	91	697617	55.246	ug/l	99
79) 2-Chlorotoluene	12.845	91	406511	54.896	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	476525	55.105	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	37428	54.751	ug/l	99
82) 4-Chlorotoluene	12.945	91	424499	53.623	ug/l	97
83) tert-Butylbenzene	13.163	119	419169	55.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	484830	55.810	ug/l	100
85) sec-Butylbenzene	13.345	105	612629	55.339	ug/l	97
86) p-Isopropyltoluene	13.457	119	547026	58.458	ug/l	88
87) 1,3-Dichlorobenzene	13.457	146	286135	53.214	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	281260	52.082	ug/l	97
89) n-Butylbenzene	13.787	91	495443	56.278	ug/l	99
90) Hexachloroethane	14.051	117	103916	51.803	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	245140	52.283	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16285	54.843	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	174302	59.283	ug/l	99
94) Hexachlorobutadiene	15.204	225	95172	59.892	ug/l	98
95) Naphthalene	15.328	128	305535	61.180	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	143718	55.662	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
Response via : Initial Calibration

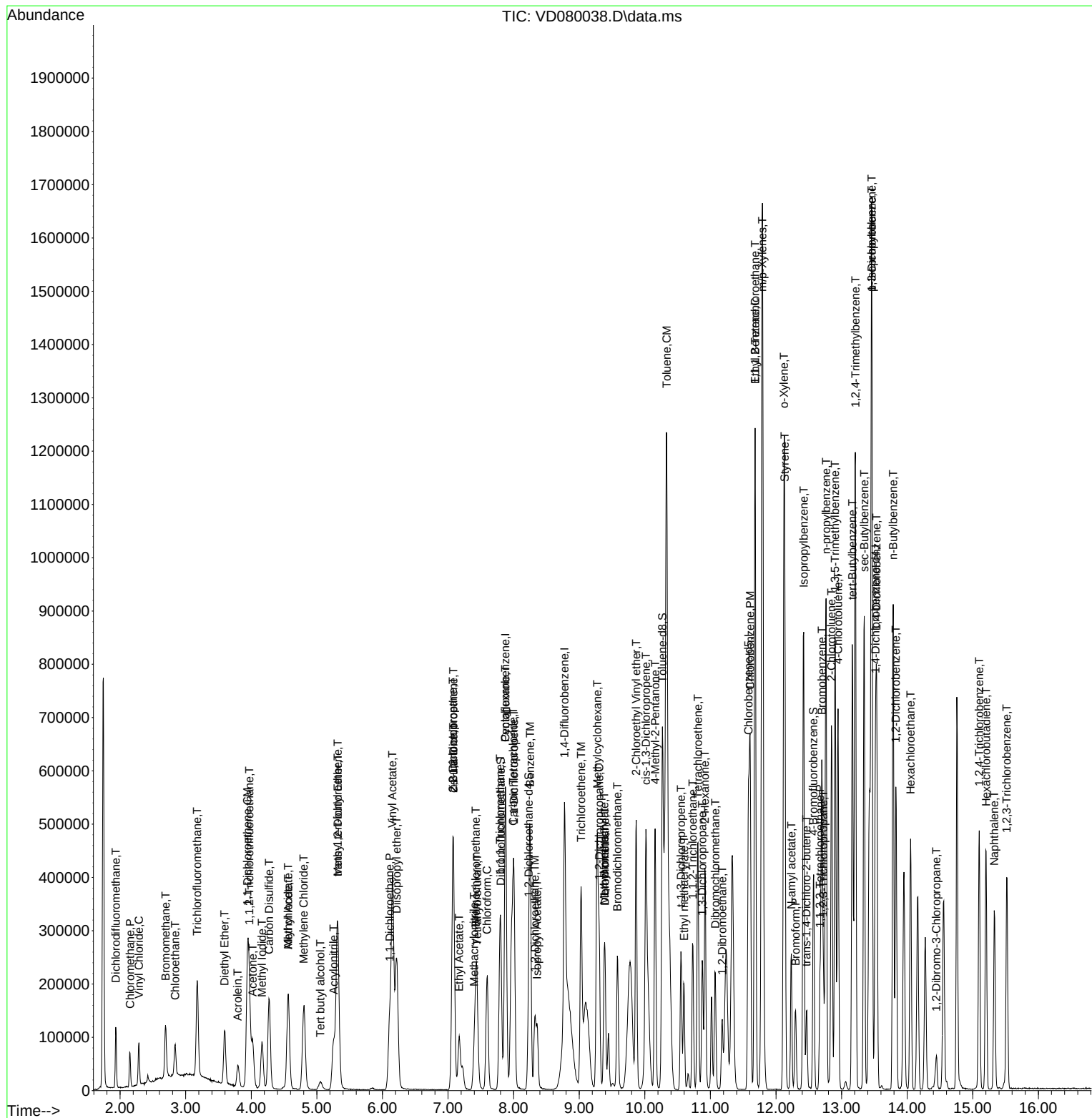
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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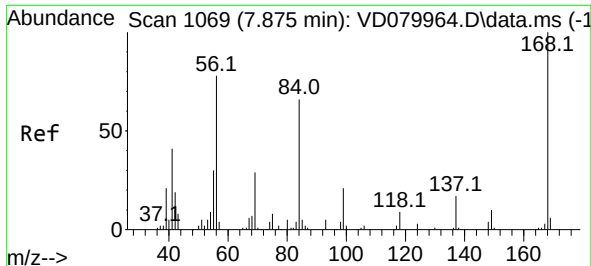
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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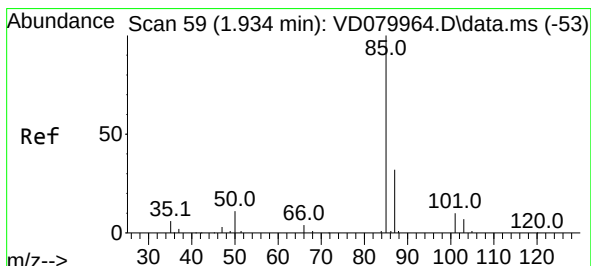
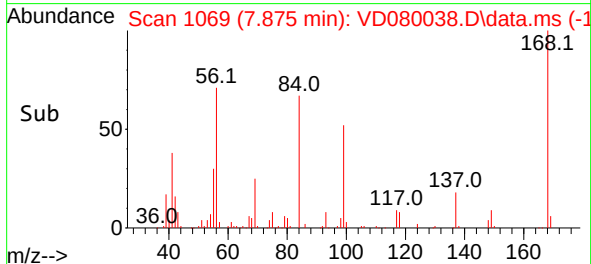
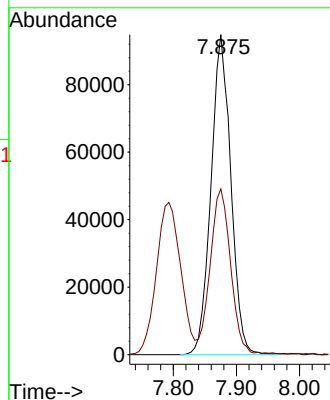
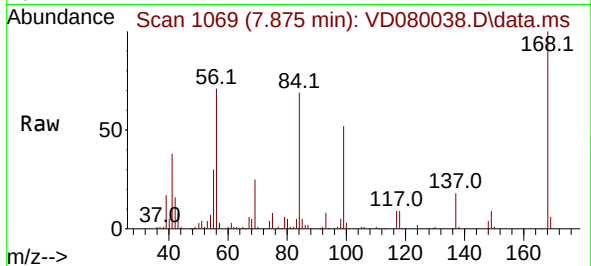




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080038.D
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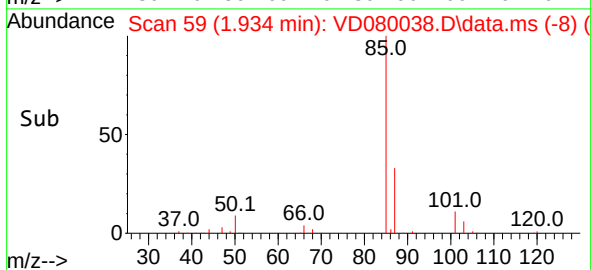
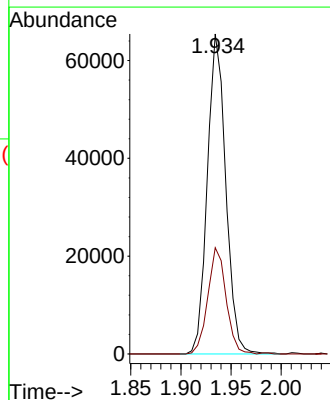
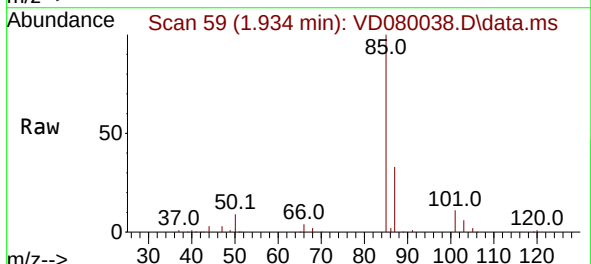
Instrument :
MSVOA_D
ClientSampleId :

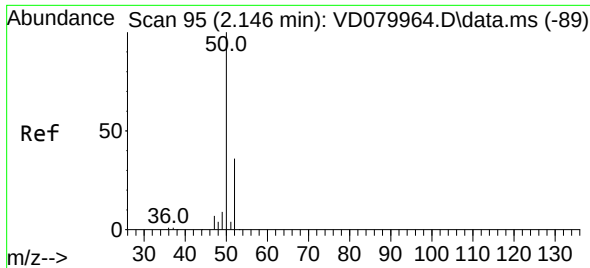
Tgt Ion:168 Resp: 207094
Ion Ratio Lower Upper
168 100
99 51.6 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 50.442 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 85 Resp: 83839
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2

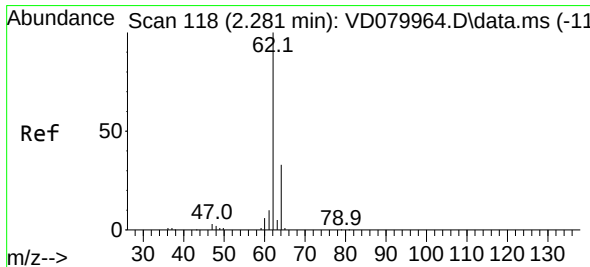
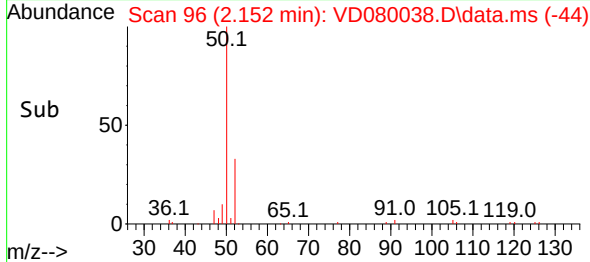
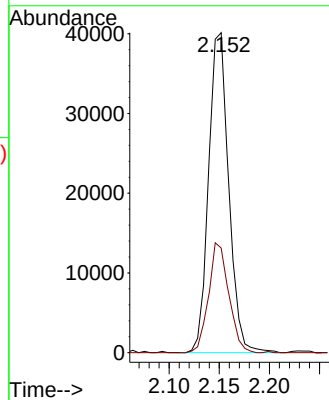
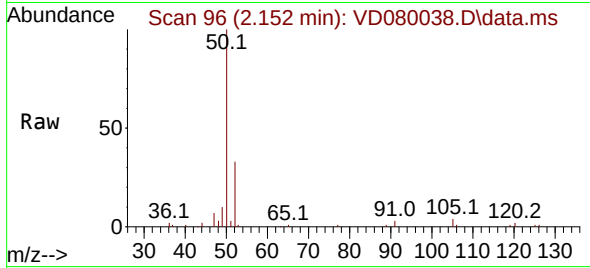




#3
Chloromethane
Concen: 45.913 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

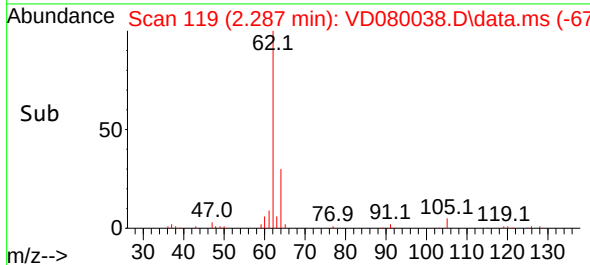
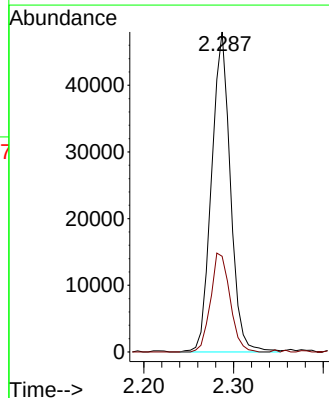
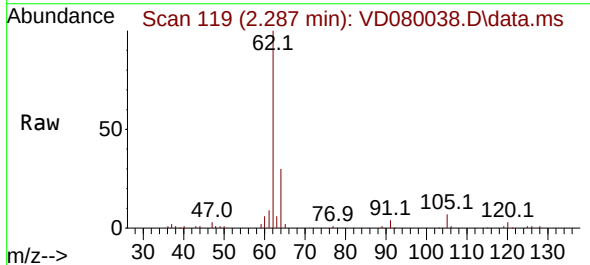
Instrument :
MSVOA_D
ClientSampleId :

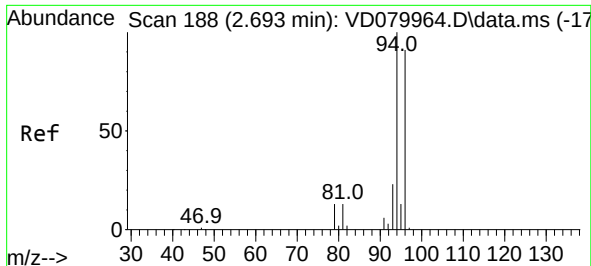
Tgt Ion: 50 Resp: 56118
Ion Ratio Lower Upper
50 100
52 32.7 28.8 43.2



#4
Vinyl Chloride
Concen: 50.081 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 62 Resp: 69883
Ion Ratio Lower Upper
62 100
64 29.9 26.5 39.7





#5

Bromomethane

Concen: 49.853 ug/l

RT: 2.693 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

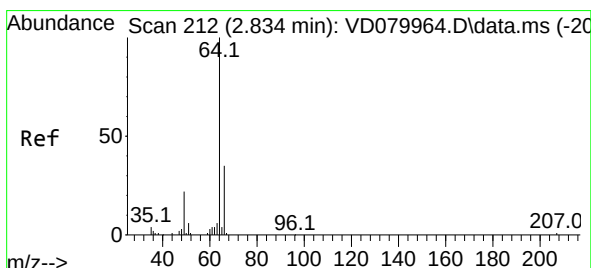
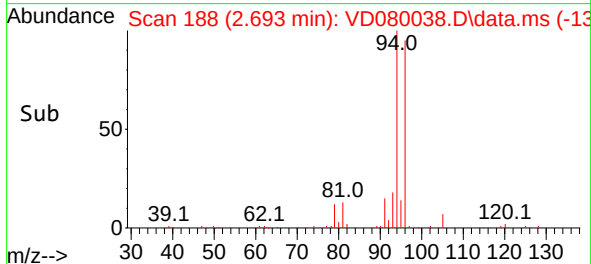
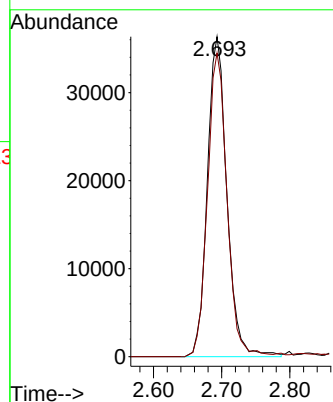
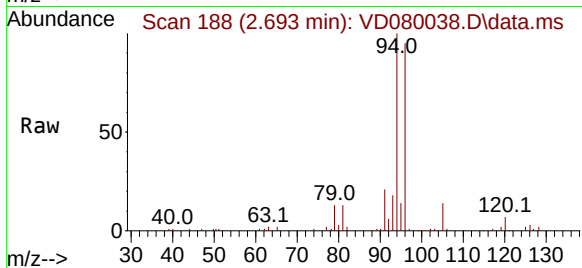
ClientSampleId :

Tgt Ion: 94 Resp: 72412

Ion Ratio Lower Upper

94 100

96 95.0 76.2 114.2



#6

Chloroethane

Concen: 57.816 ug/l

RT: 2.840 min Scan# 213

Delta R.T. 0.006 min

Lab File: VD080038.D

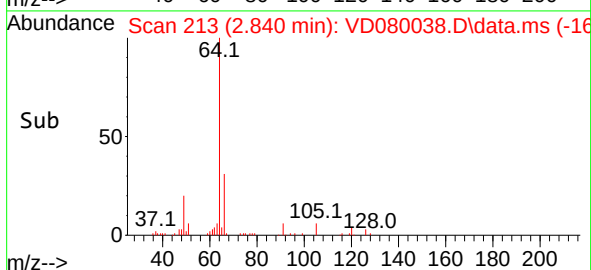
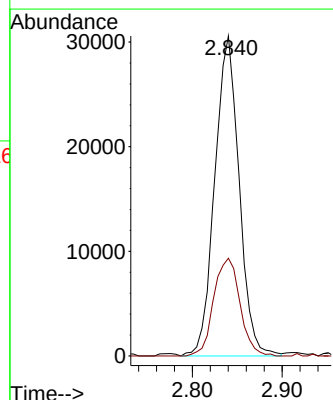
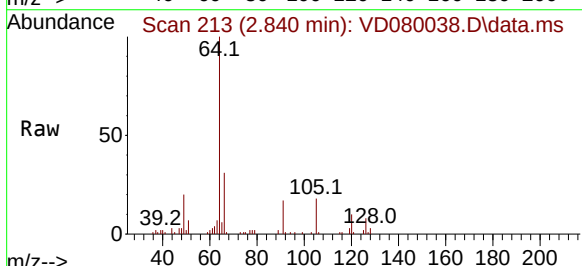
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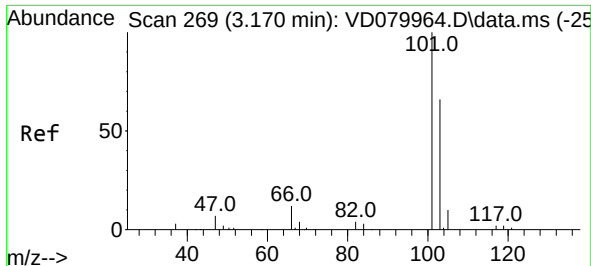
Tgt Ion: 64 Resp: 57667

Ion Ratio Lower Upper

64 100

66 30.6 27.6 41.4

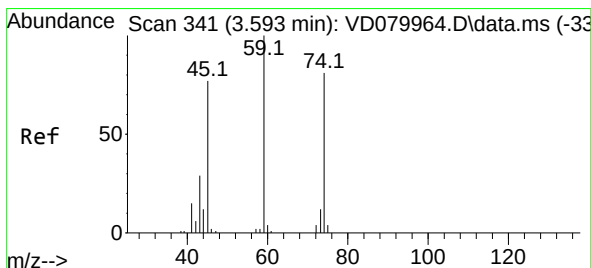
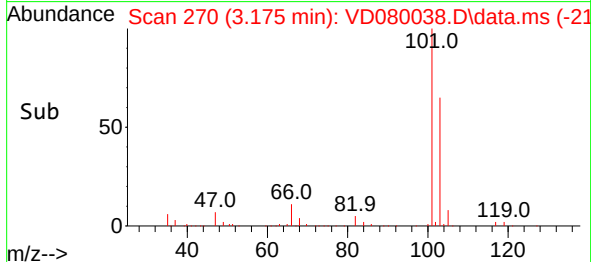
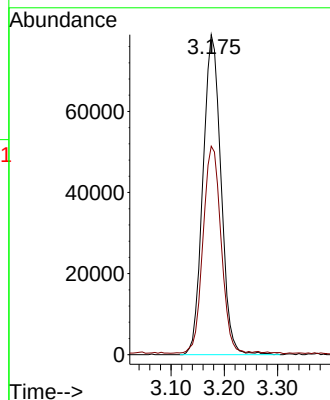
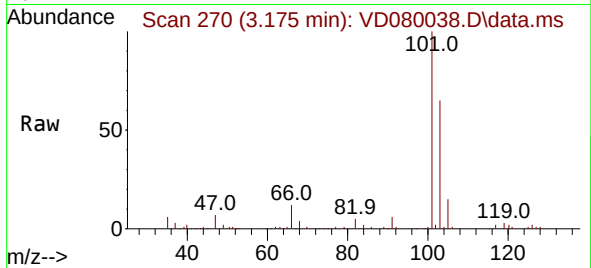




#7
Trichlorofluoromethane
Concen: 54.107 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

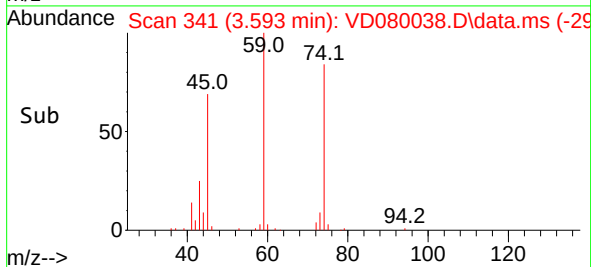
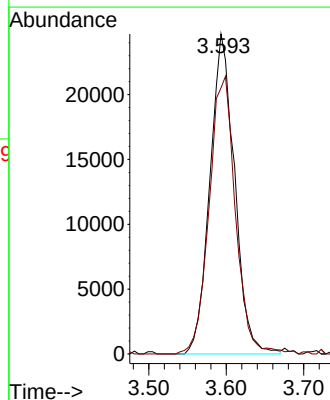
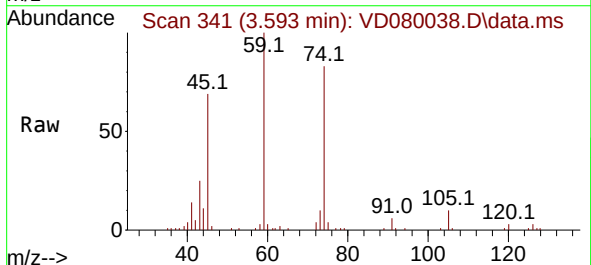
Instrument :
MSVOA_D
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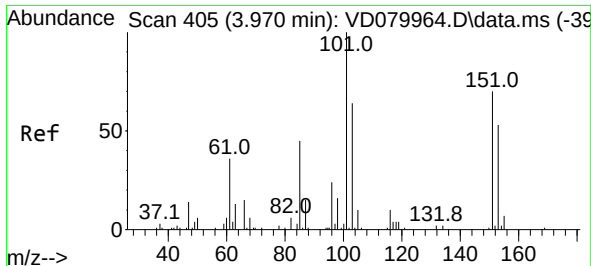
Tgt Ion:101 Resp: 185444
Ion Ratio Lower Upper
101 100
103 64.6 53.0 79.6



#8
Diethyl Ether
Concen: 54.624 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 74 Resp: 54652
Ion Ratio Lower Upper
74 100
45 92.5 47.8 143.3

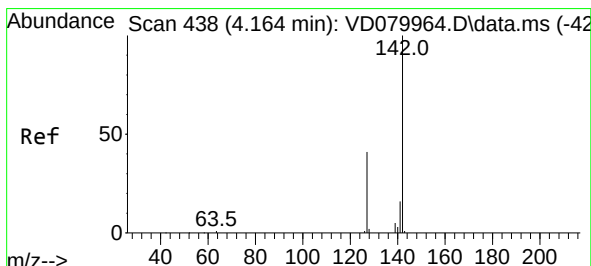
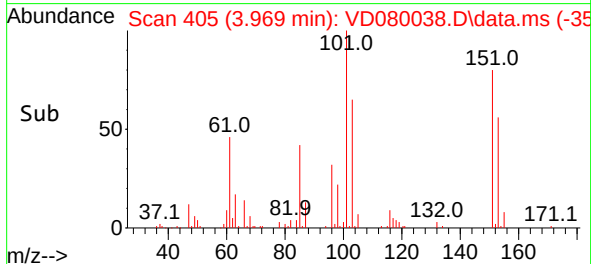
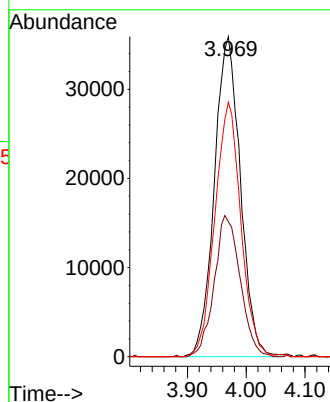
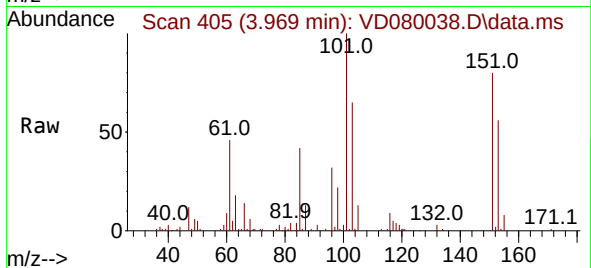




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.570 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

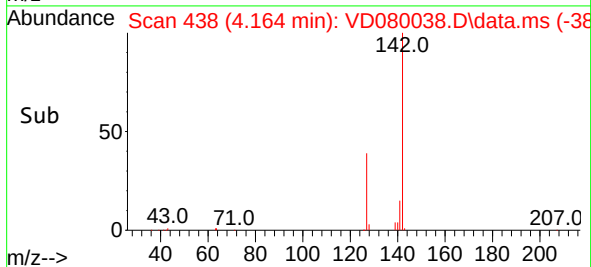
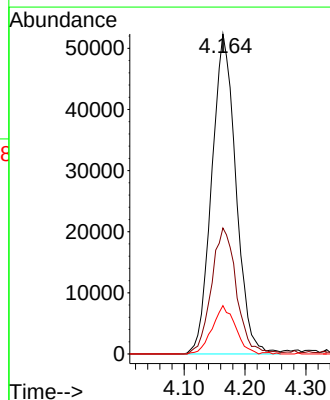
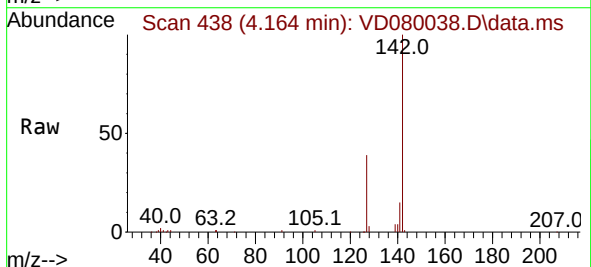
Instrument :
MSVOA_D
ClientSampleId :

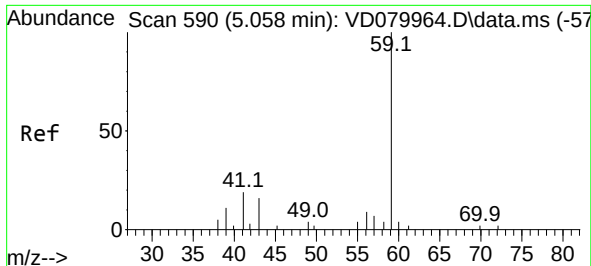
Tgt Ion:101 Resp: 110413
Ion Ratio Lower Upper
101 100
85 43.9 35.3 52.9
151 79.2 60.3 90.5



#10
Methyl Iodide
Concen: 54.494 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion:142 Resp: 144415
Ion Ratio Lower Upper
142 100
127 40.8 35.3 52.9
141 14.5 12.2 18.2

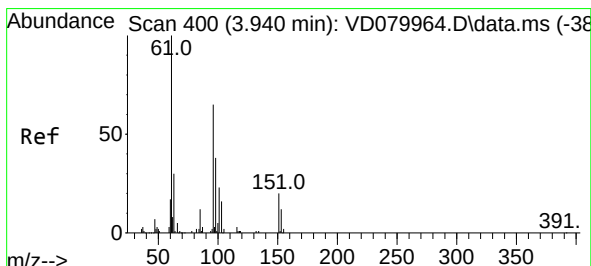
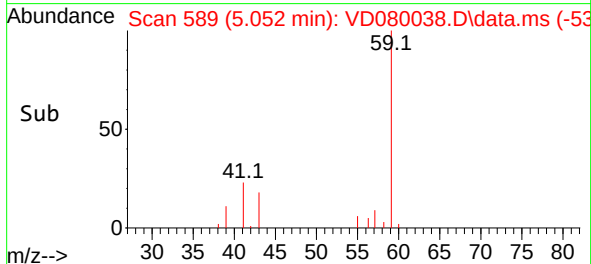
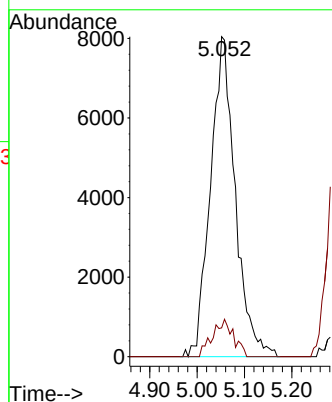
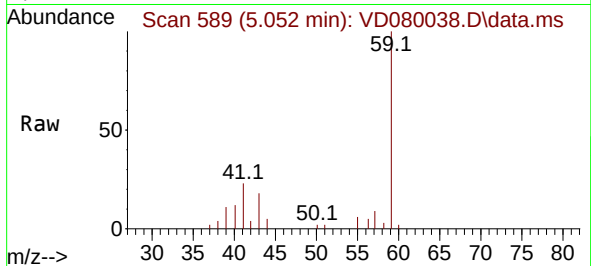




#11
Tert butyl alcohol
Concen: 263.190 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

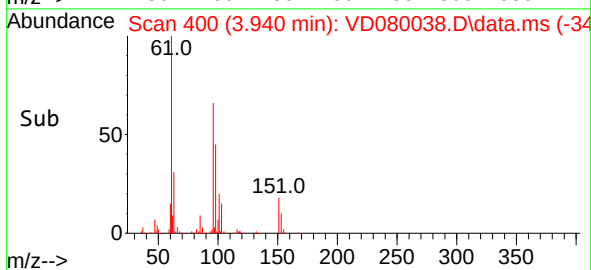
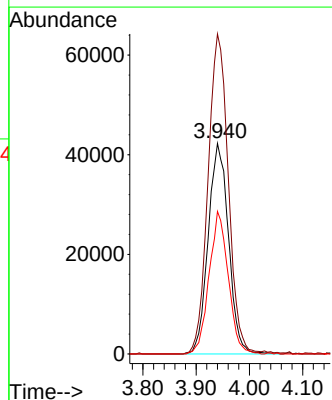
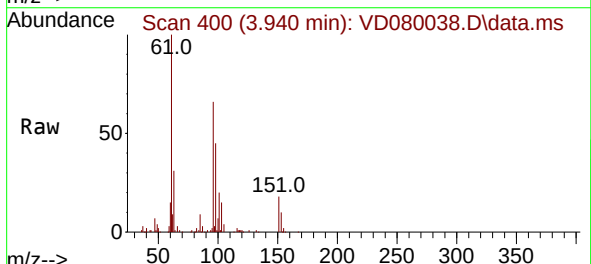
Instrument :
MSVOA_D
ClientSampleId :

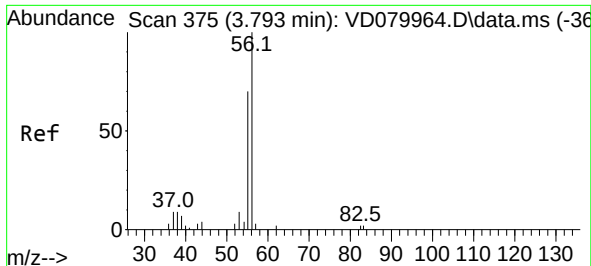
Tgt Ion: 59 Resp: 29204
Ion Ratio Lower Upper
59 100
57 9.9 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 52.214 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 96 Resp: 112046
Ion Ratio Lower Upper
96 100
61 152.0 122.6 184.0
98 67.7 47.1 70.7





#13

Acrolein

Concen: 226.538 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

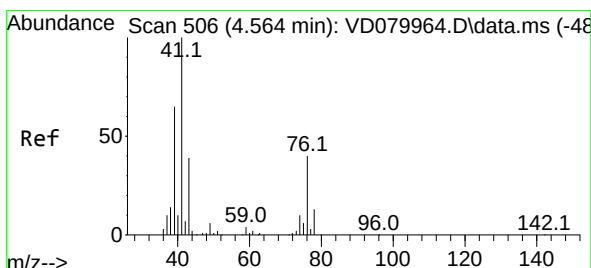
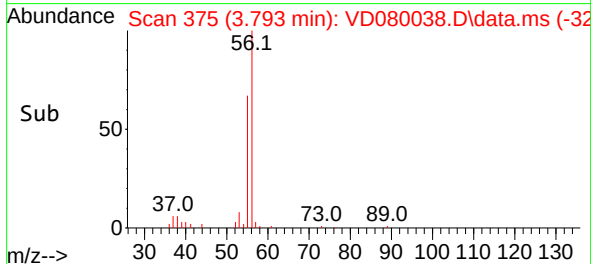
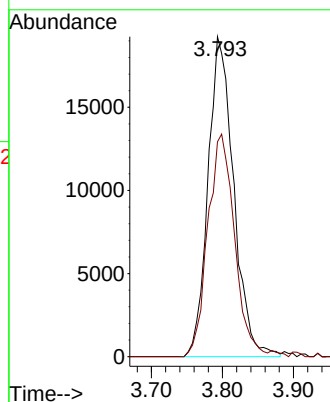
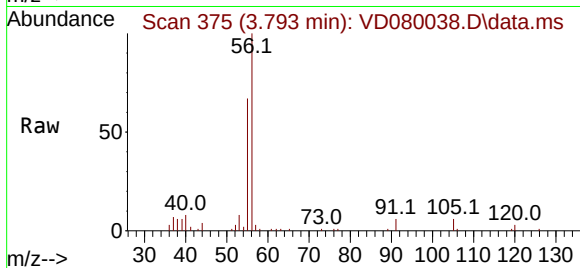
ClientSampleId :

Tgt Ion: 56 Resp: 48233

Ion Ratio Lower Upper

56 100

55 72.4 58.2 87.2



#14

Allyl chloride

Concen: 52.916 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

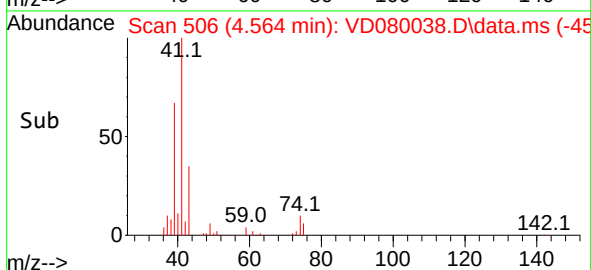
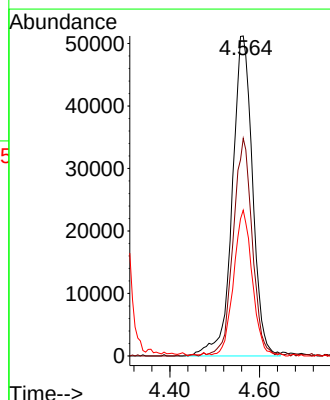
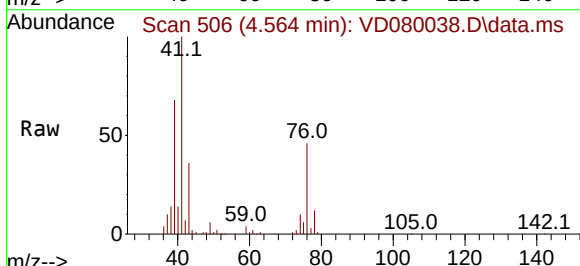
Tgt Ion: 41 Resp: 160962

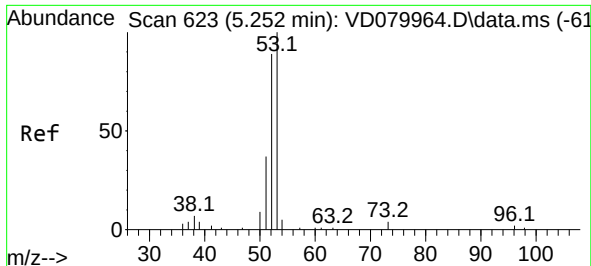
Ion Ratio Lower Upper

41 100

39 63.9 53.3 79.9

76 42.1 32.0 48.0





#15

Acrylonitrile

Concen: 266.767 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

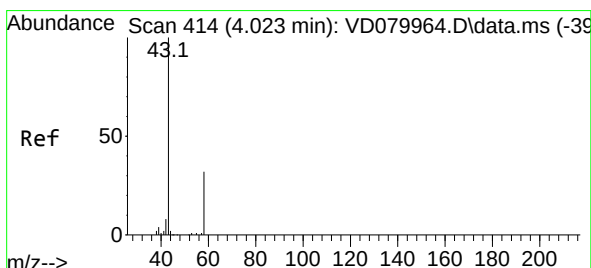
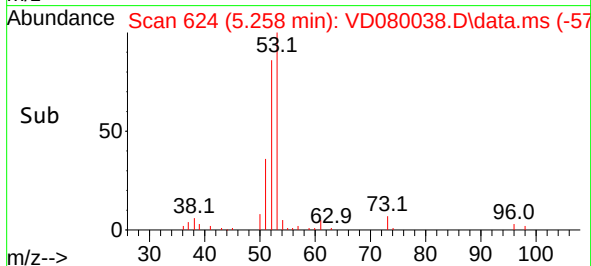
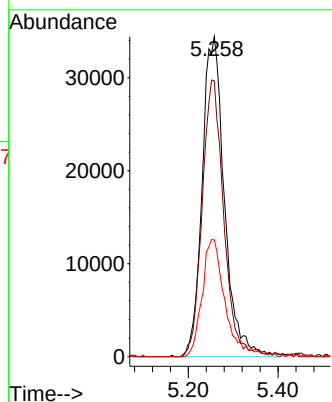
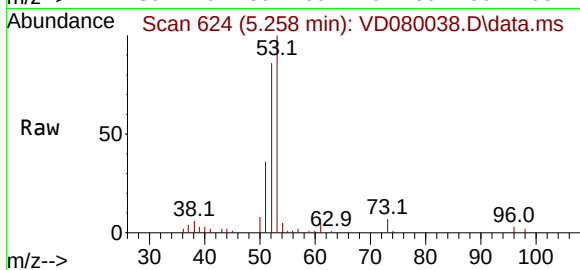
Tgt Ion: 53 Resp: 118571

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.4

51 37.6 30.3 45.5



#16

Acetone

Concen: 296.400 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.001 min

Lab File: VD080038.D

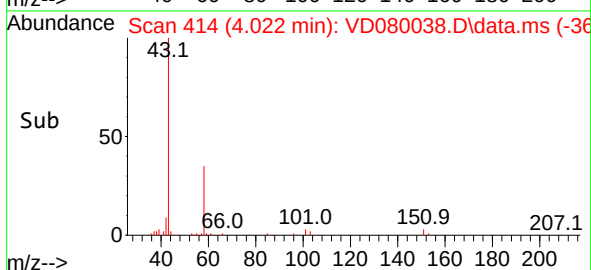
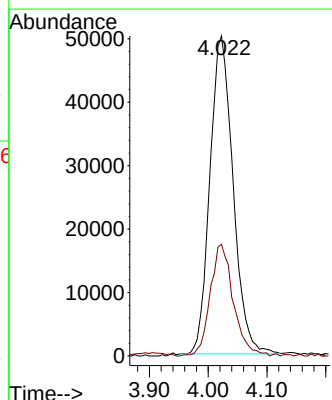
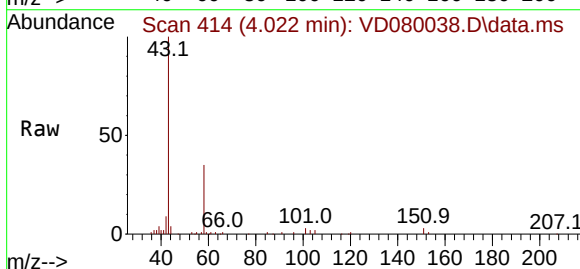
Acq: 17 Nov 2024 13:28

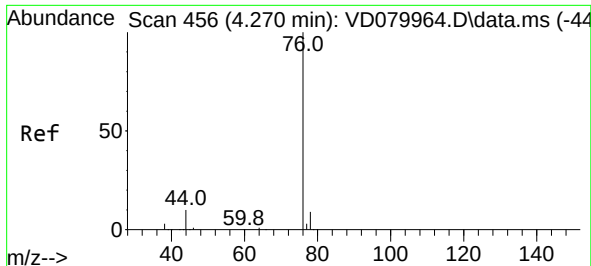
Tgt Ion: 43 Resp: 137125

Ion Ratio Lower Upper

43 100

58 35.1 25.4 38.2

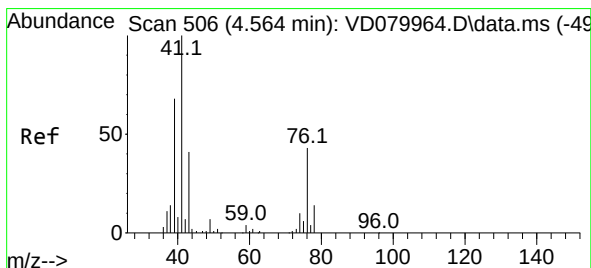
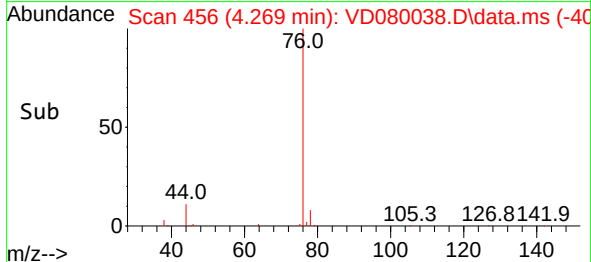
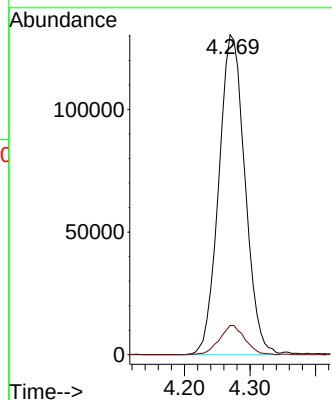
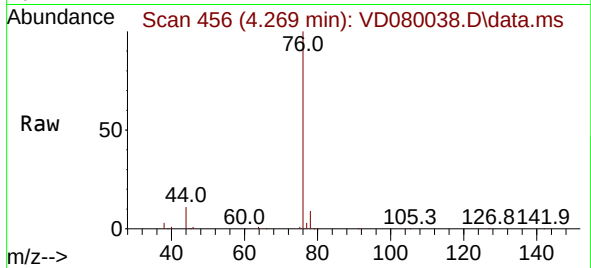




#17
Carbon Disulfide
Concen: 52.386 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

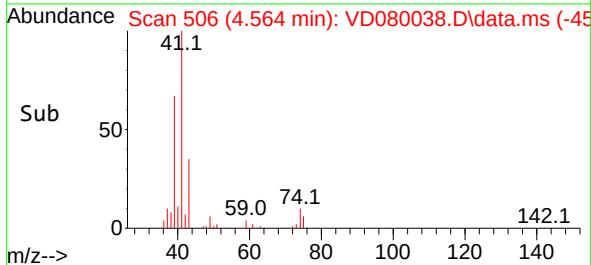
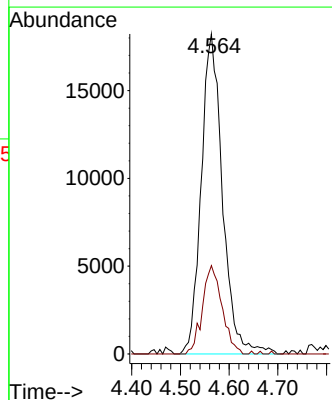
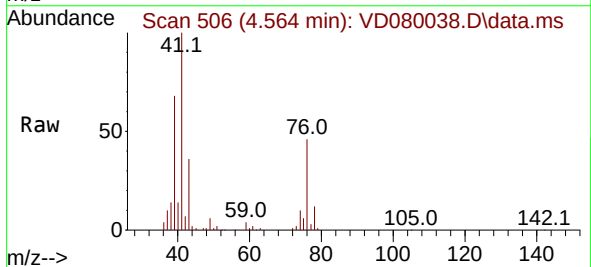
Instrument :
MSVOA_D
ClientSampleId :

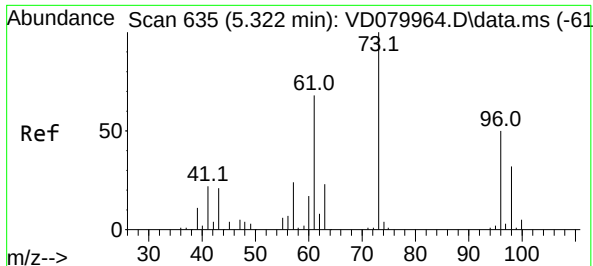
Tgt Ion: 76 Resp: 361977
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 53.938 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 43 Resp: 55342
Ion Ratio Lower Upper
43 100
74 25.4 20.5 30.7





#19

Methyl tert-butyl Ether

Concen: 54.203 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

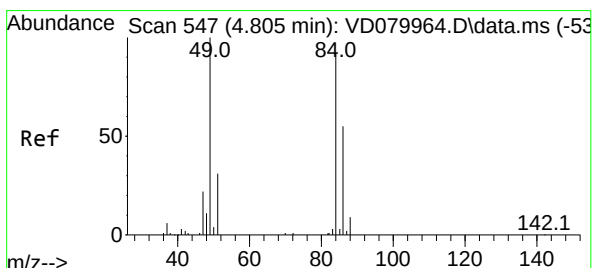
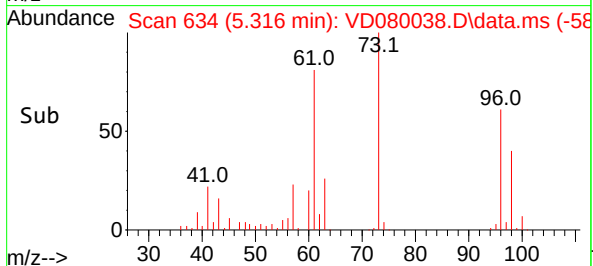
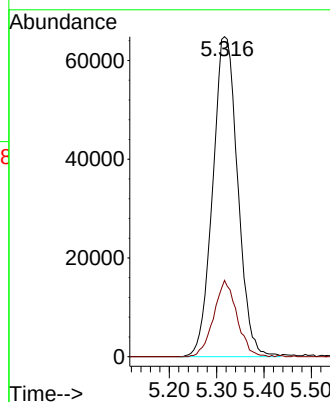
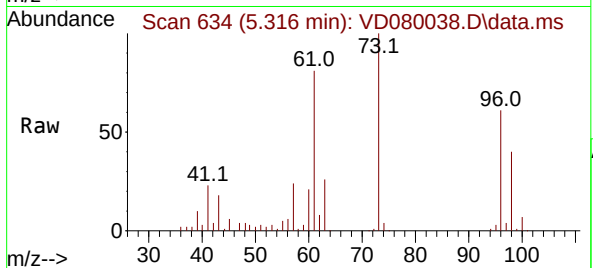
ClientSampleId :

Tgt Ion: 73 Resp: 237291

Ion Ratio Lower Upper

73 100

57 23.9 18.8 28.2



#20

Methylene Chloride

Concen: 51.834 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Tgt Ion: 84 Resp: 128606

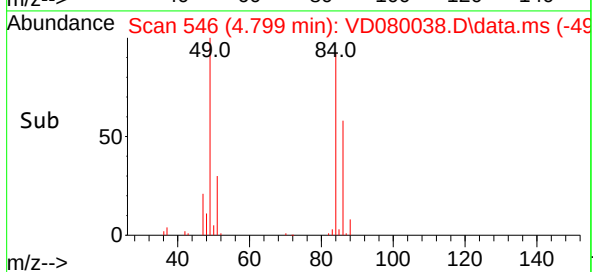
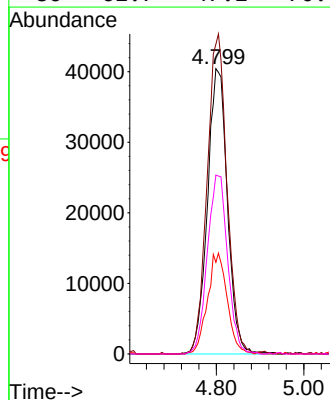
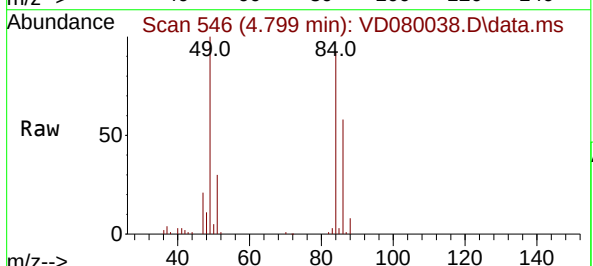
Ion Ratio Lower Upper

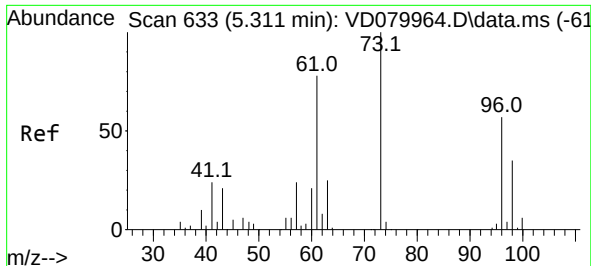
84 100

49 108.6 86.5 129.7

51 32.1 26.9 40.3

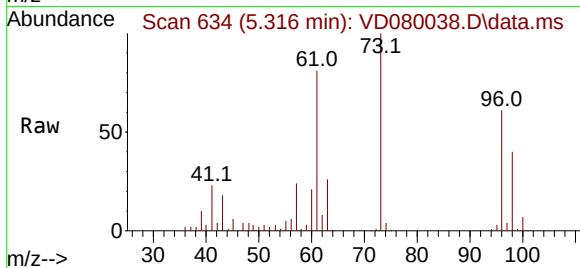
86 62.7 47.2 70.8



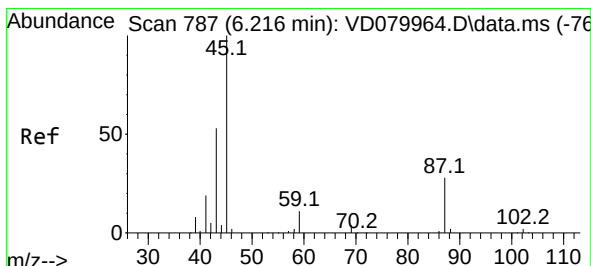
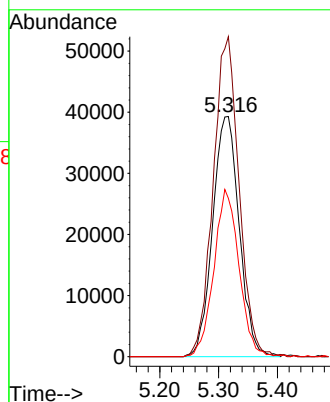
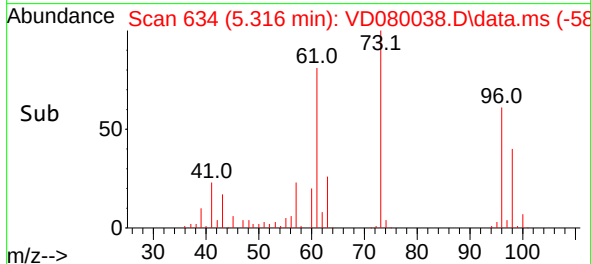


#21
trans-1,2-Dichloroethene
Concen: 52.087 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.005 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Instrument :
MSVOA_D
ClientSampleId :

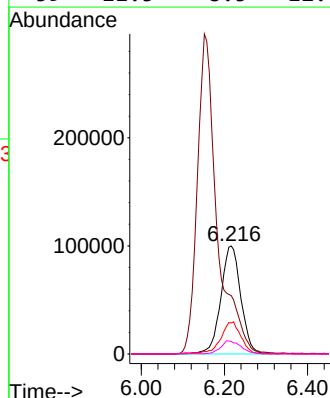
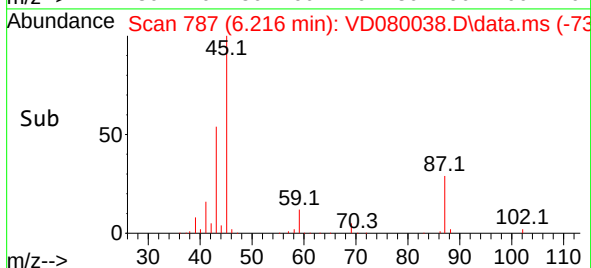
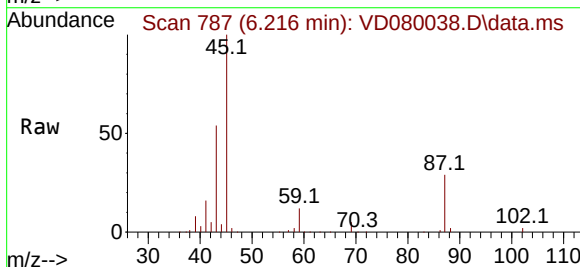


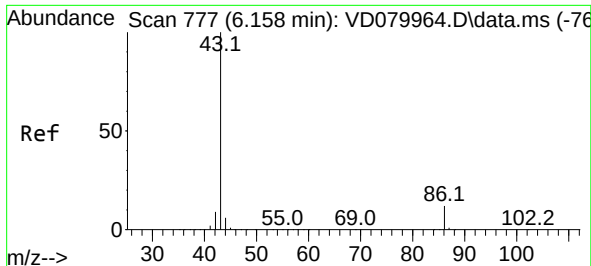
Tgt Ion: 96 Resp: 123564
Ion Ratio Lower Upper
96 100
61 133.3 109.4 164.0
98 66.0 49.8 74.8



#22
Diisopropyl ether
Concen: 54.101 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 45 Resp: 333245
Ion Ratio Lower Upper
45 100
43 53.4 42.6 63.8
87 28.5 22.7 34.1
59 11.5 8.5 12.7

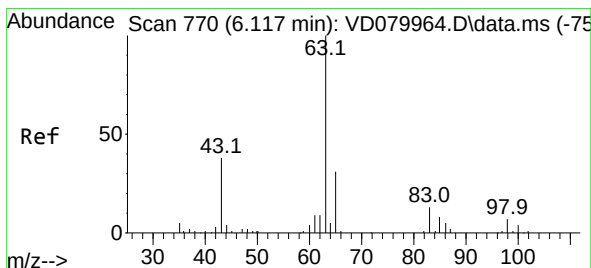
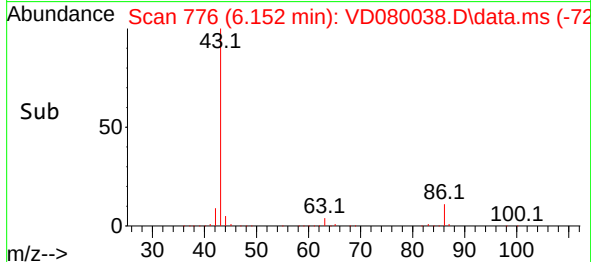
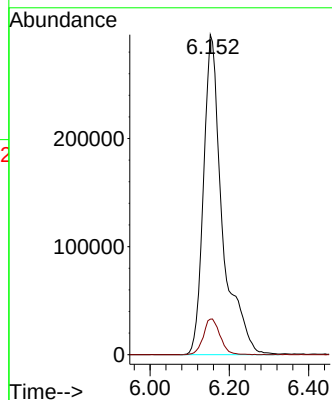
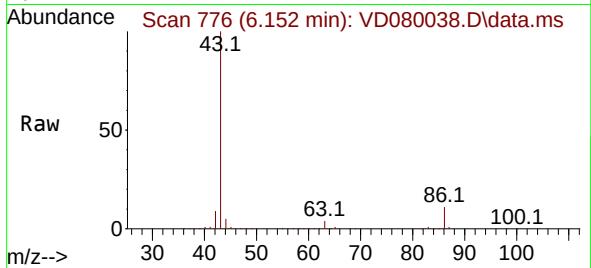




#23
 Vinyl Acetate
 Concen: 277.638 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD080038.D
 Acq: 17 Nov 2024 13:28

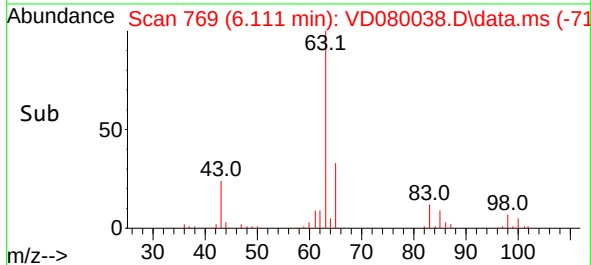
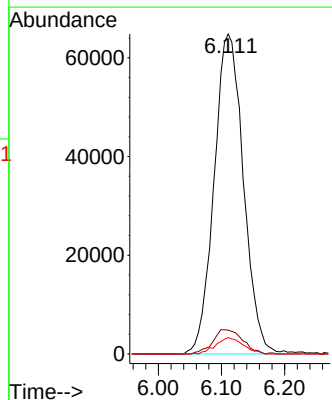
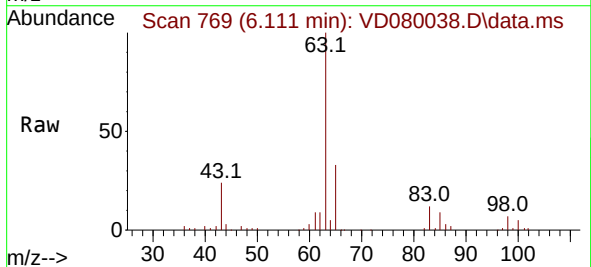
Instrument :
 MSVOA_D
 ClientSampleId :

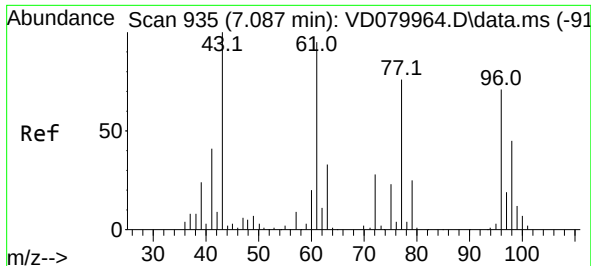
Tgt Ion: 43 Resp: 979795
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 50.996 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD080038.D
 Acq: 17 Nov 2024 13:28

Tgt Ion: 63 Resp: 208919
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 5.1 2.1 6.5

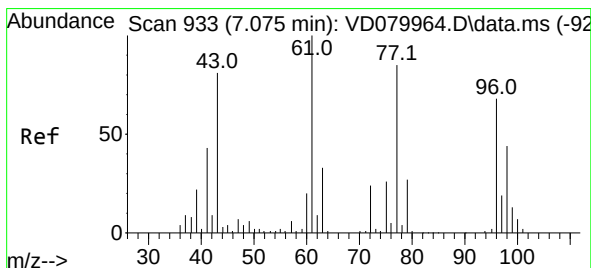
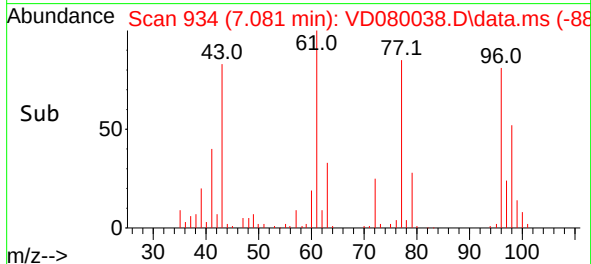
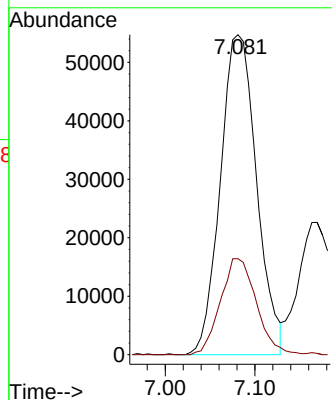
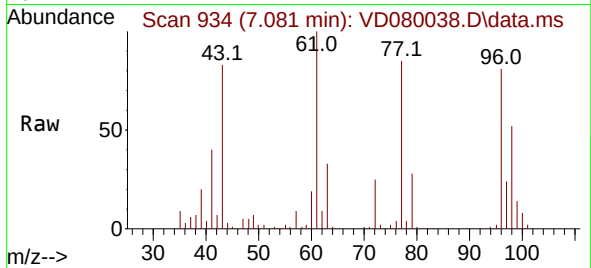




#25
2-Butanone
Concen: 254.355 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

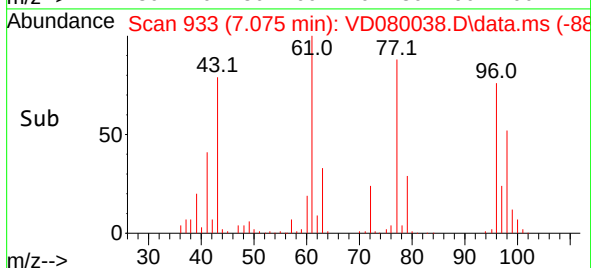
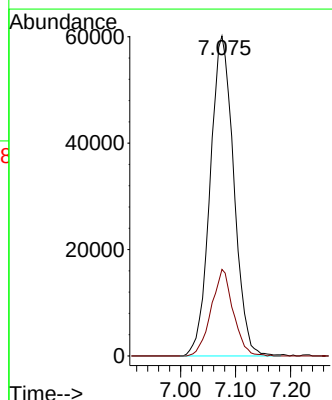
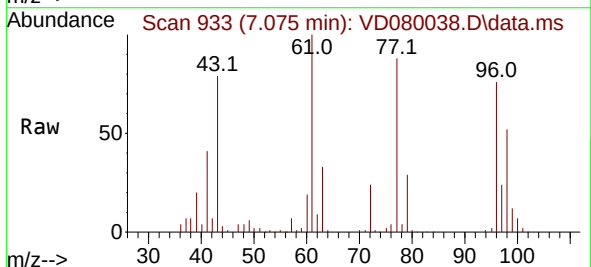
Instrument :
MSVOA_D
ClientSampleId :

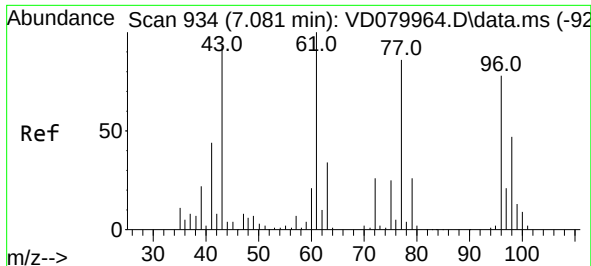
Tgt Ion: 43 Resp: 153773
Ion Ratio Lower Upper
43 100
72 30.0 22.3 33.5



#26
2,2-Dichloropropane
Concen: 50.502 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 77 Resp: 179843
Ion Ratio Lower Upper
77 100
97 25.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 52.265 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

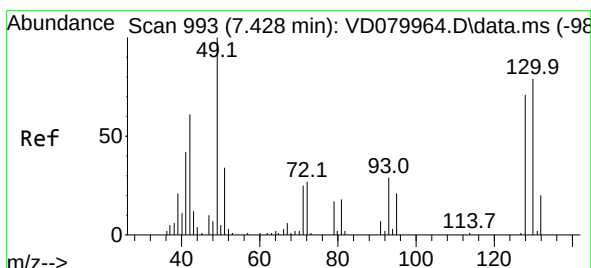
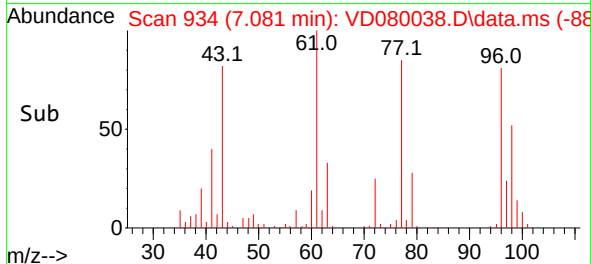
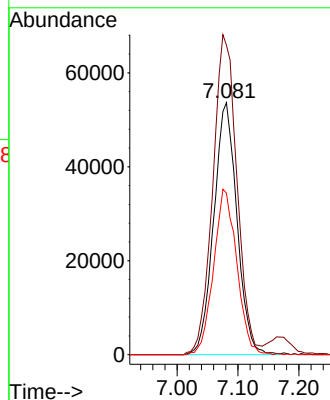
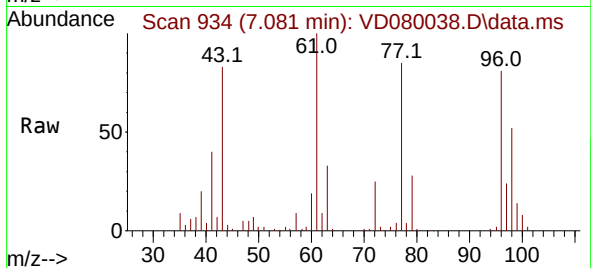
Tgt Ion: 96 Resp: 142286

Ion Ratio Lower Upper

96 100

61 131.9 0.0 278.2

98 65.4 0.0 127.8



#28

Bromochloromethane

Concen: 49.149 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

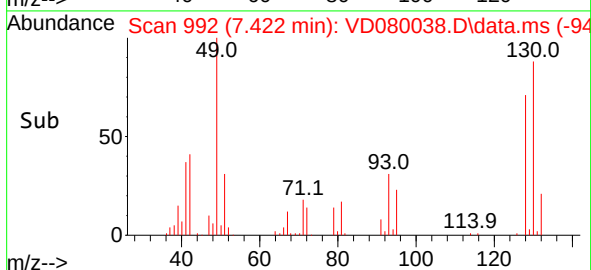
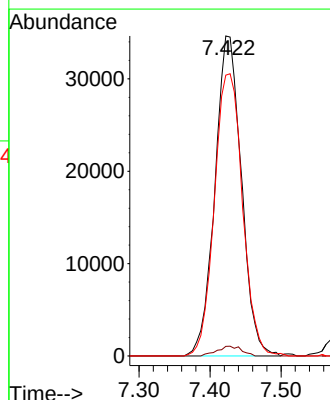
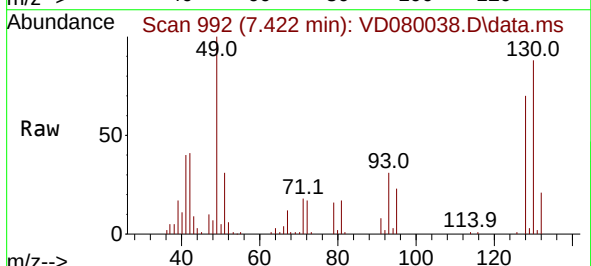
Tgt Ion: 49 Resp: 89606

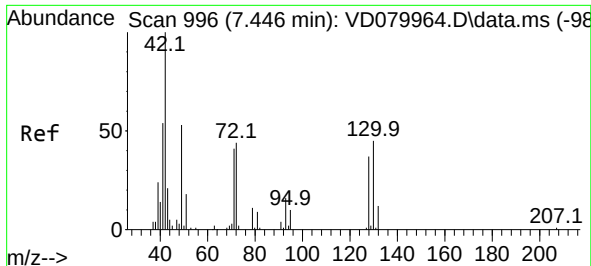
Ion Ratio Lower Upper

49 100

129 2.8 0.0 2.2#

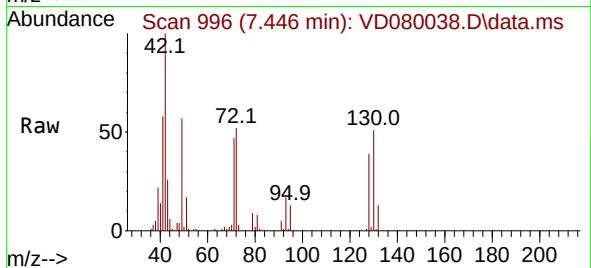
130 93.6 64.6 97.0



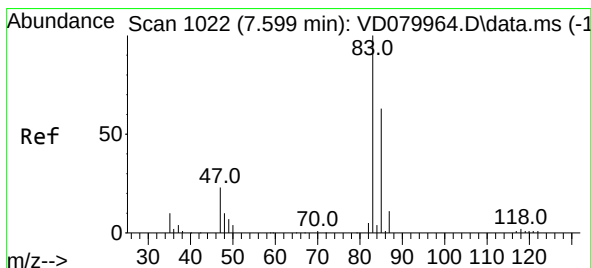
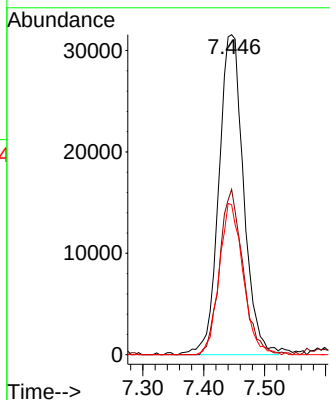
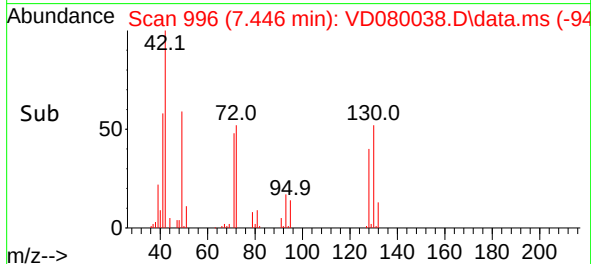


#29
Tetrahydrofuran
Concen: 269.287 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Instrument :
MSVOA_D
ClientSampleId :

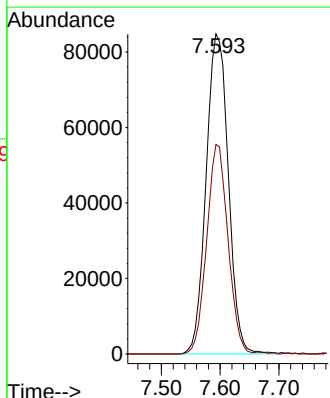
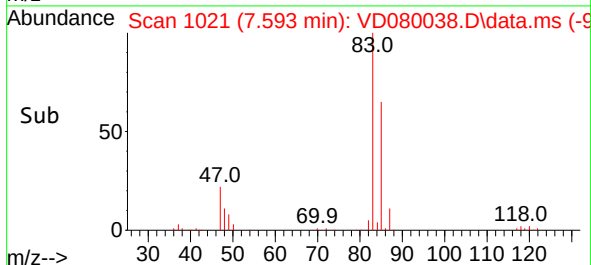
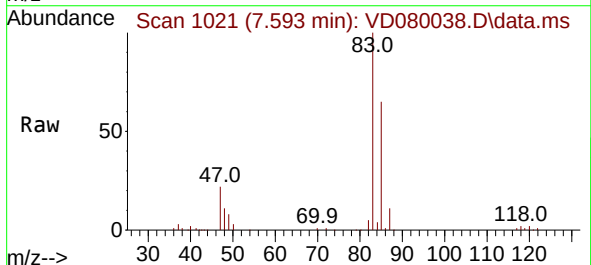


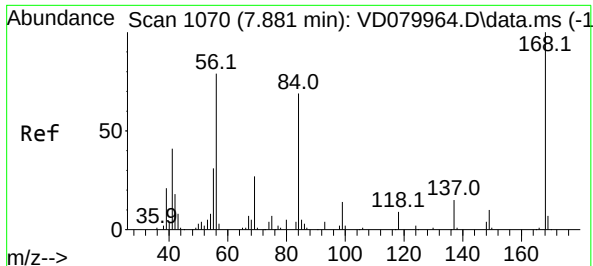
Tgt Ion: 42 Resp: 89177
Ion Ratio Lower Upper
42 100
72 48.7 36.7 55.1
71 45.5 34.4 51.6



#30
Chloroform
Concen: 51.599 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 83 Resp: 222703
Ion Ratio Lower Upper
83 100
85 65.4 50.8 76.2





#31

Cyclohexane

Concen: 50.614 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

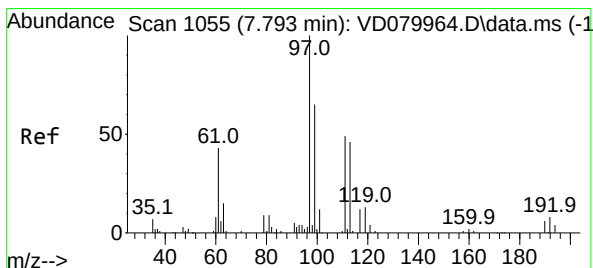
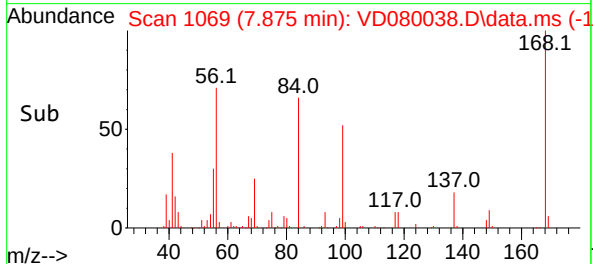
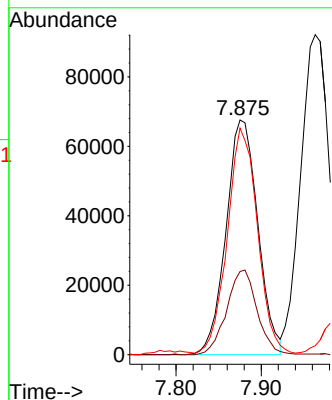
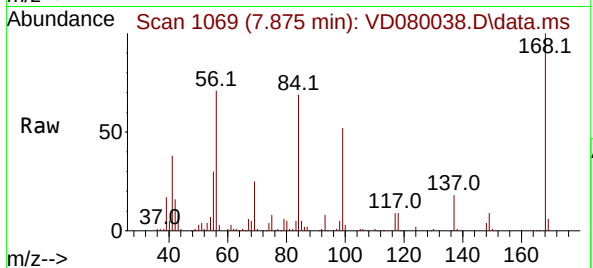
Tgt Ion: 56 Resp: 175738

Ion Ratio Lower Upper

56 100

69 35.4 27.3 40.9

84 94.9 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 52.082 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

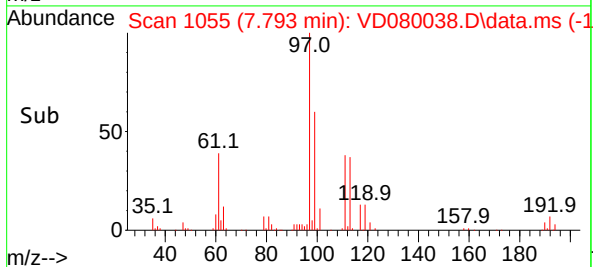
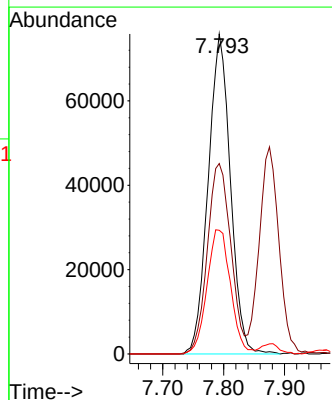
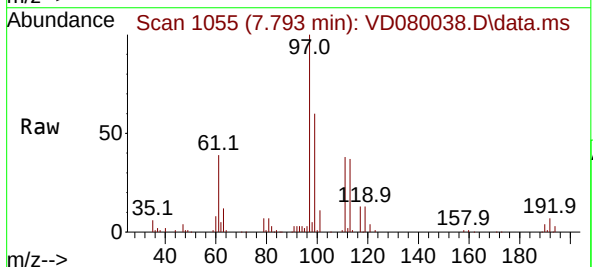
Tgt Ion: 97 Resp: 192368

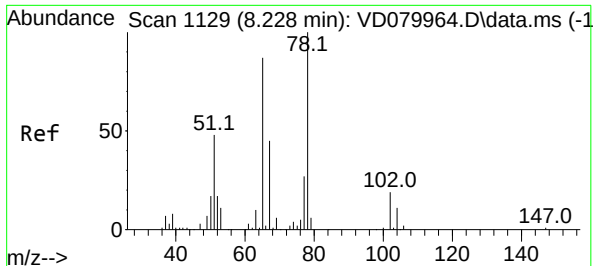
Ion Ratio Lower Upper

97 100

99 62.8 50.7 76.1

61 41.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 44.088 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

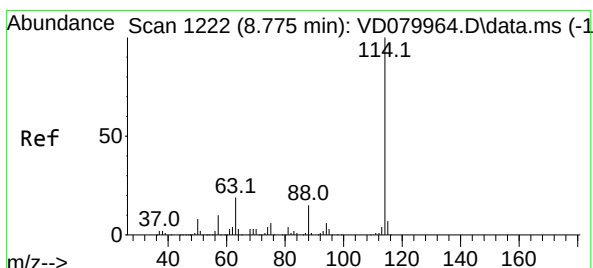
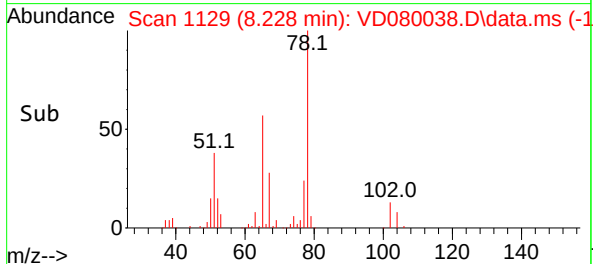
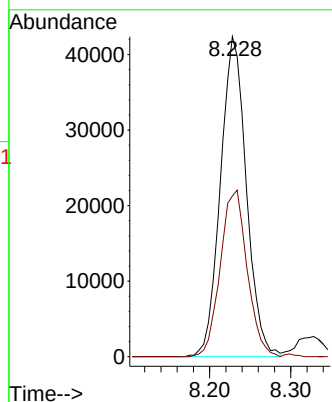
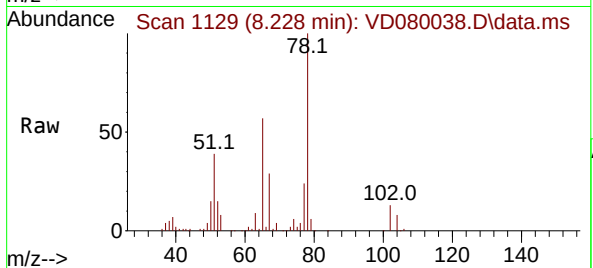
ClientSampleId :

Tgt Ion: 65 Resp: 94007

Ion Ratio Lower Upper

65 100

67 53.9 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: VD080038.D

Acq: 17 Nov 2024 13:28

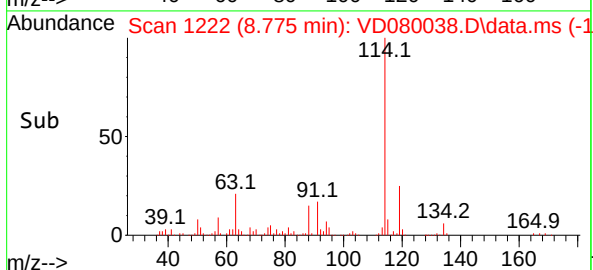
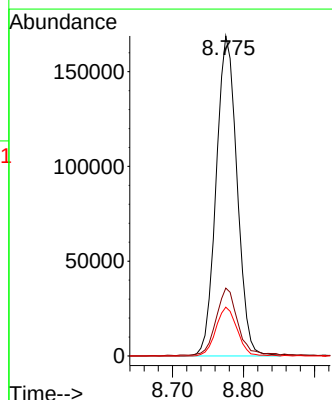
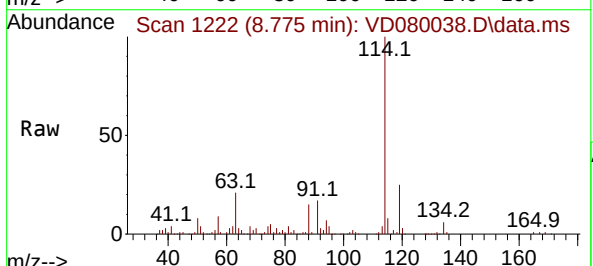
Tgt Ion: 114 Resp: 343737

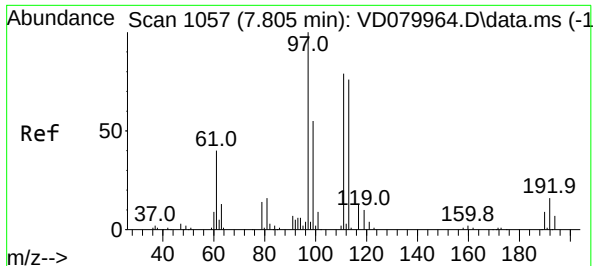
Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.8

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 41.629 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD080038.D

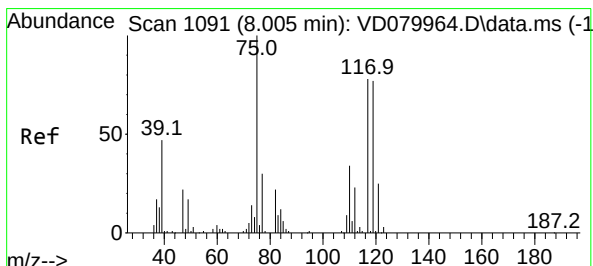
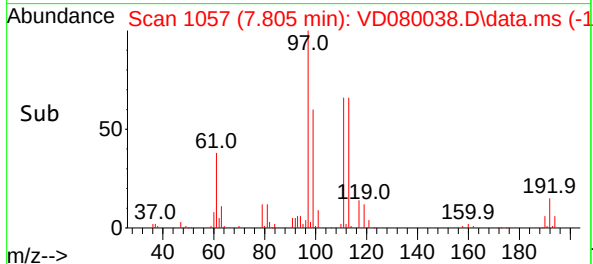
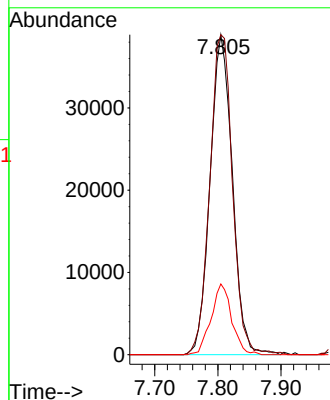
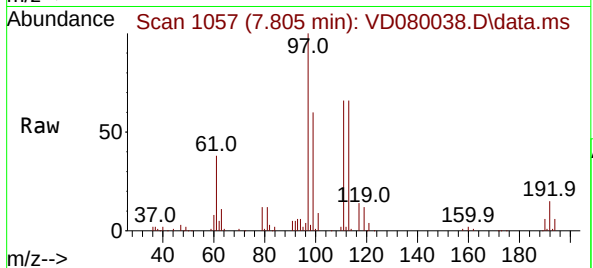
Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	95235
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.5	123.7
192	20.5	16.6	25.0



#36

1,1-Dichloropropene

Concen: 50.242 ug/l

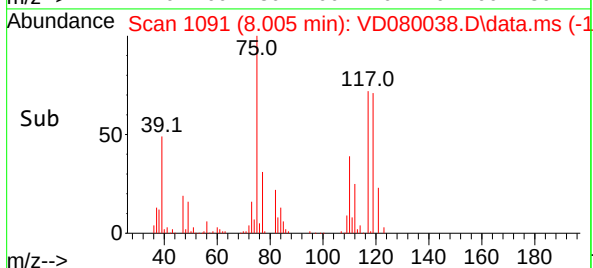
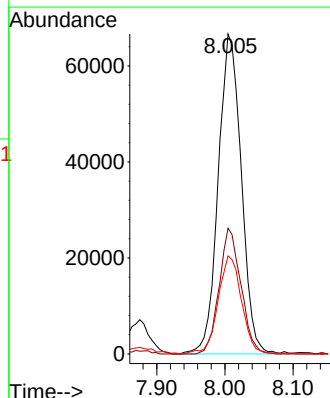
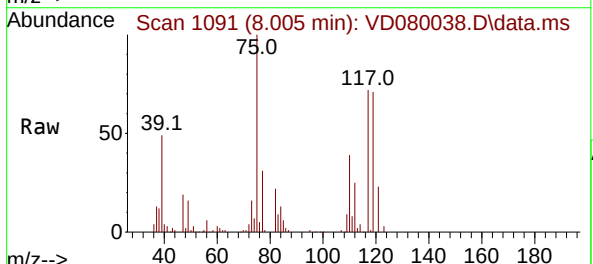
RT: 8.005 min Scan# 1091

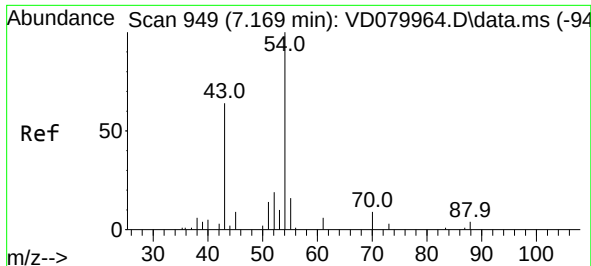
Delta R.T. -0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Tgt Ion:	75	Resp:	157165
Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.4	55.0
77	31.1	25.6	38.4

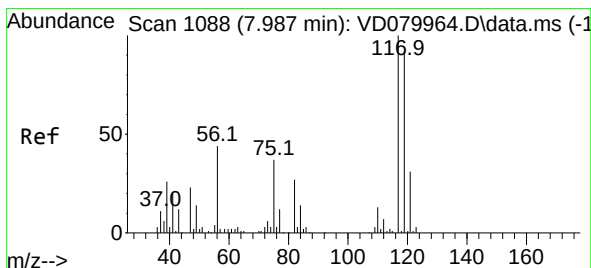
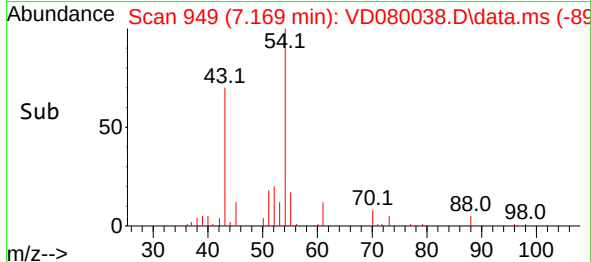
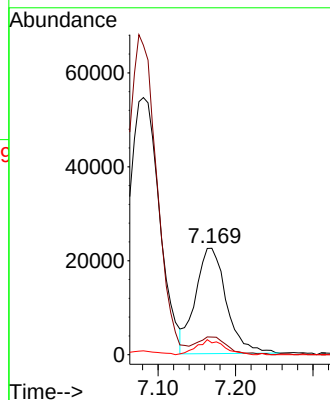
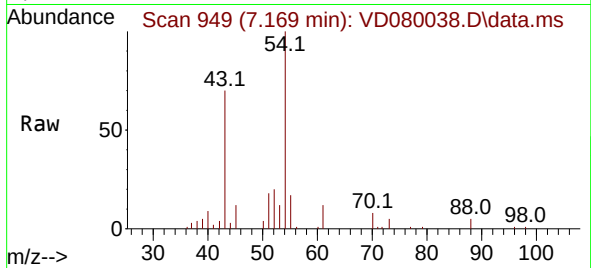




#37
Ethyl Acetate
Concen: 46.280 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

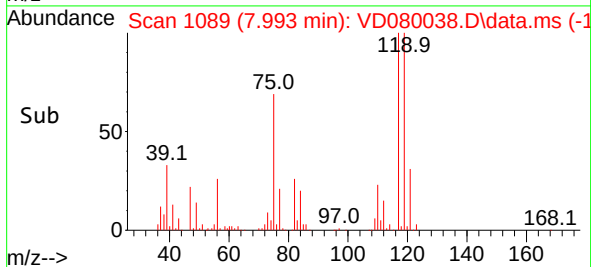
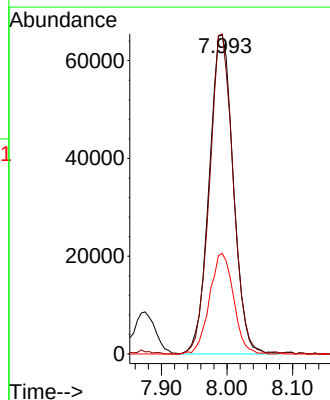
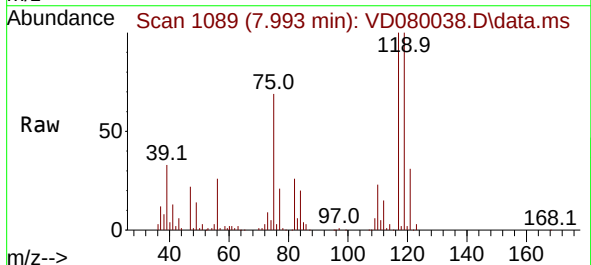
Instrument :
MSVOA_D
ClientSampleId :

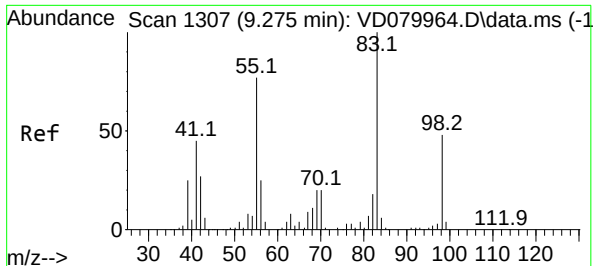
Tgt Ion: 43 Resp: 62227
Ion Ratio Lower Upper
43 100
61 16.5 11.0 16.4#
70 12.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 48.871 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 117 Resp: 167029
Ion Ratio Lower Upper
117 100
119 100.4 73.4 110.0
121 31.5 24.5 36.7





#39

Methylcyclohexane

Concen: 55.659 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

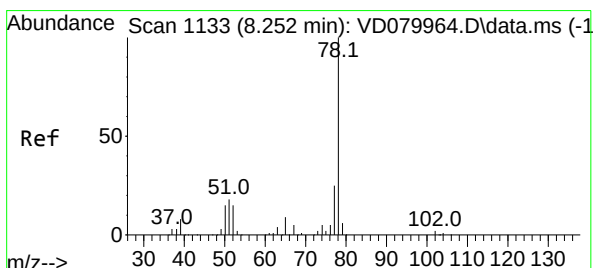
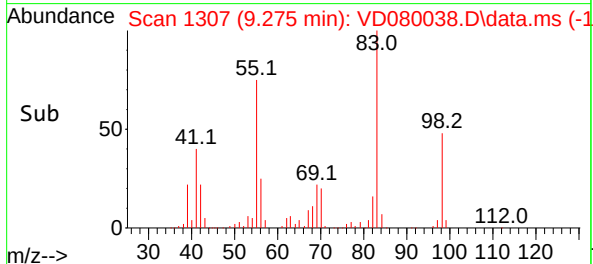
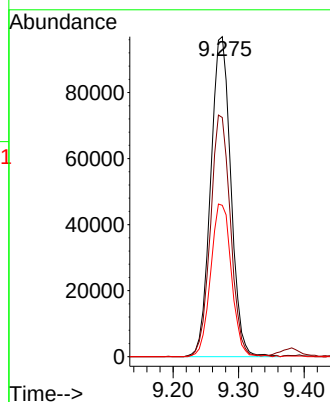
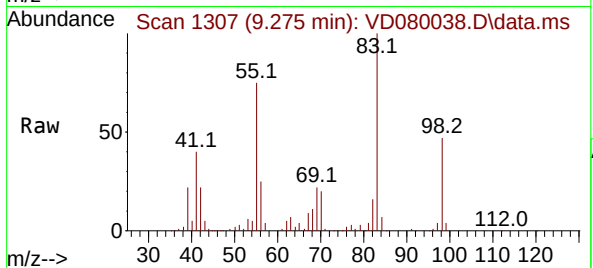
Tgt Ion: 83 Resp: 207293

Ion Ratio Lower Upper

83 100

55 74.8 62.0 93.0

98 47.3 38.7 58.1



#40

Benzene

Concen: 49.522 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD080038.D

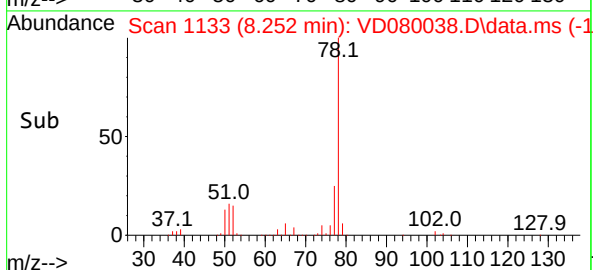
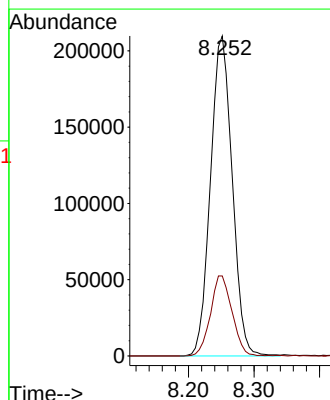
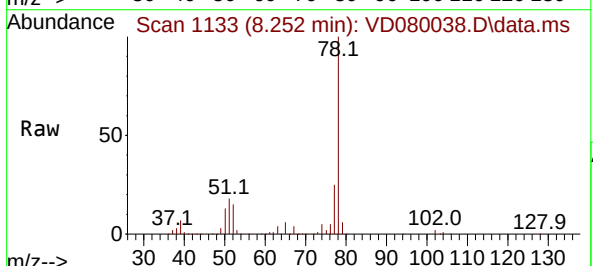
Acq: 17 Nov 2024 13:28

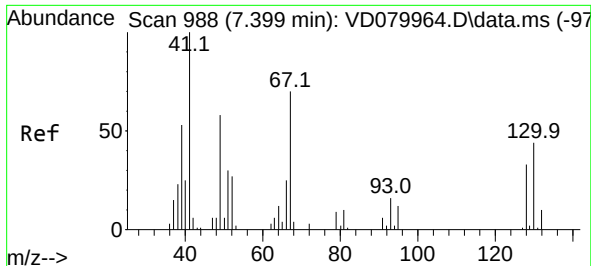
Tgt Ion: 78 Resp: 482870

Ion Ratio Lower Upper

78 100

77 25.0 20.2 30.4

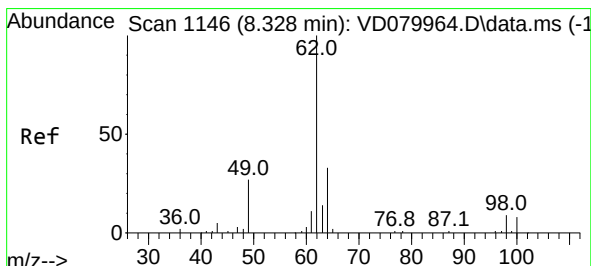
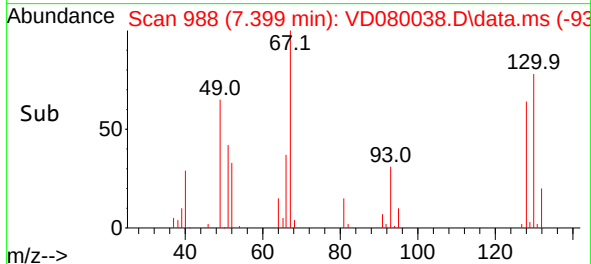
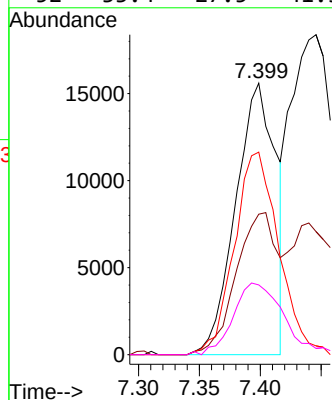
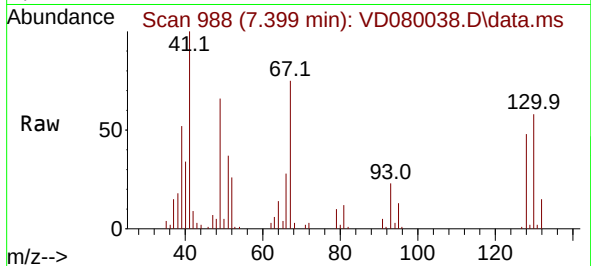




#41
Methacrylonitrile
Concen: 49.391 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

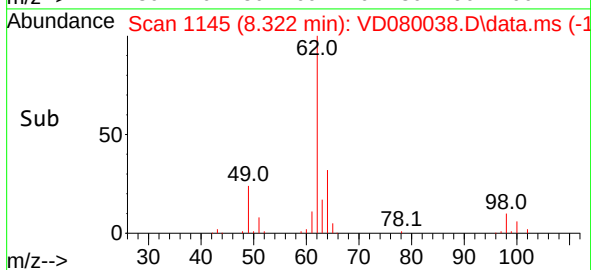
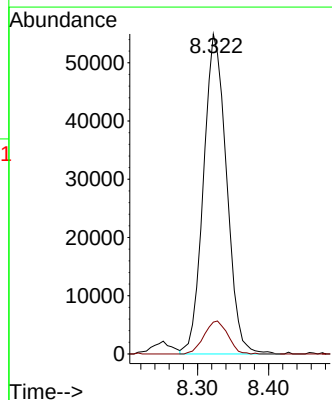
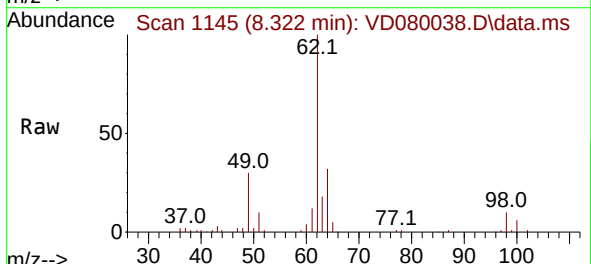
Instrument :
MSVOA_D
ClientSampleId :

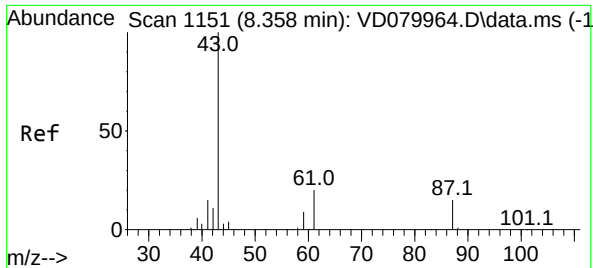
Tgt Ion: 41 Resp: 35839
Ion Ratio Lower Upper
41 100
39 53.2 47.8 71.8
67 82.3 64.9 97.3
52 33.4 27.5 41.3



#42
1,2-Dichloroethane
Concen: 49.167 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 62 Resp: 124069
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.8

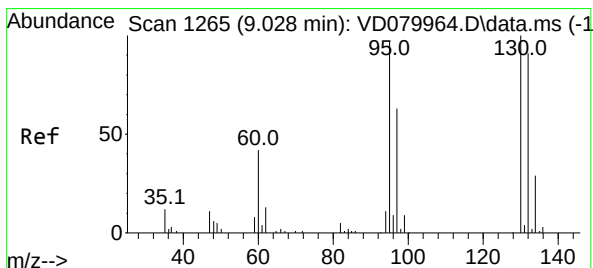
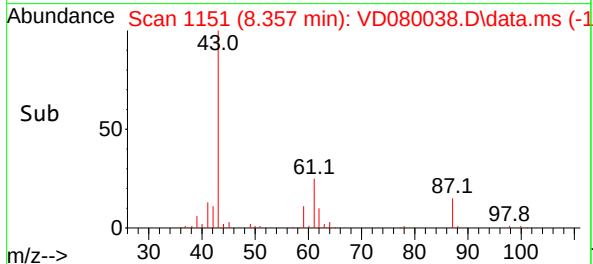
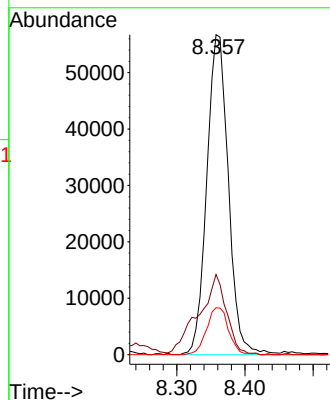
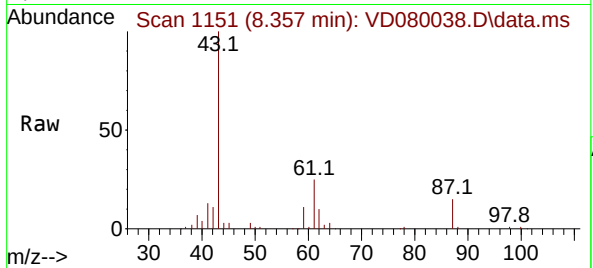




#43
Isopropyl Acetate
Concen: 51.248 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.001 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

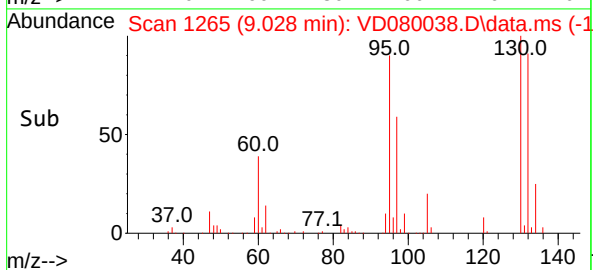
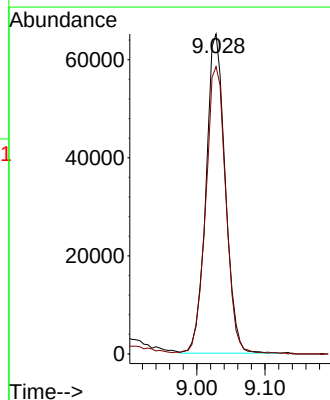
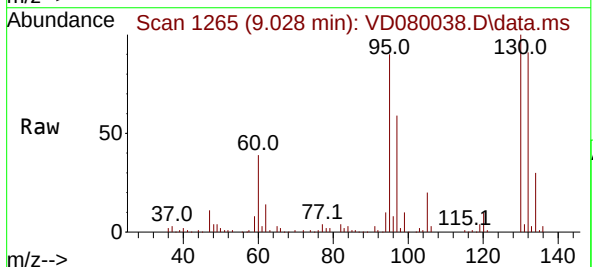
Instrument :
MSVOA_D
ClientSampleId :

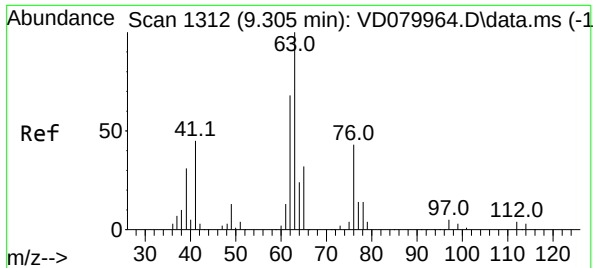
Tgt Ion: 43 Resp: 124911
Ion Ratio Lower Upper
43 100
61 32.3 26.2 39.2
87 15.0 11.8 17.8



#44
Trichloroethene
Concen: 50.715 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion:130 Resp: 127961
Ion Ratio Lower Upper
130 100
95 89.8 0.0 194.6

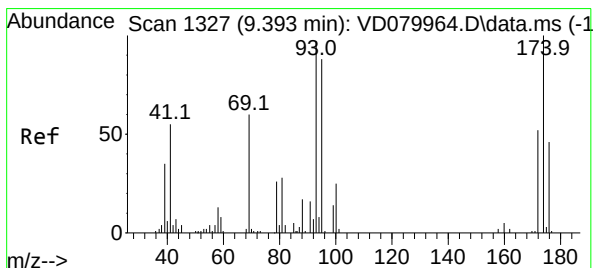
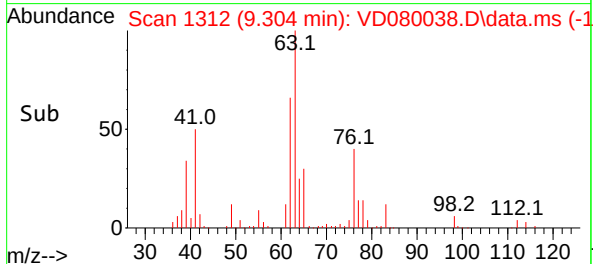
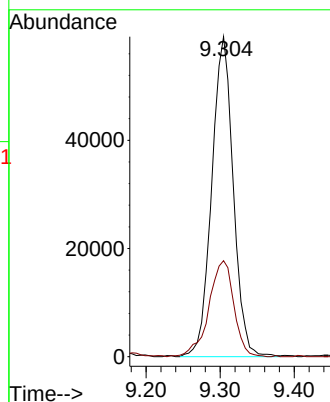
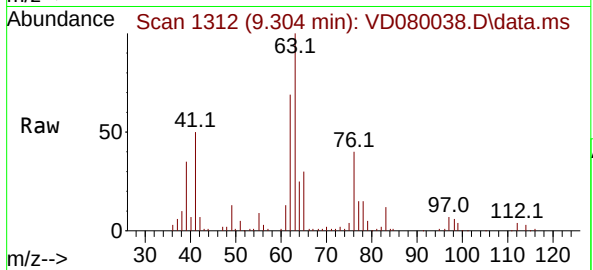




#45
1,2-Dichloropropane
Concen: 50.916 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

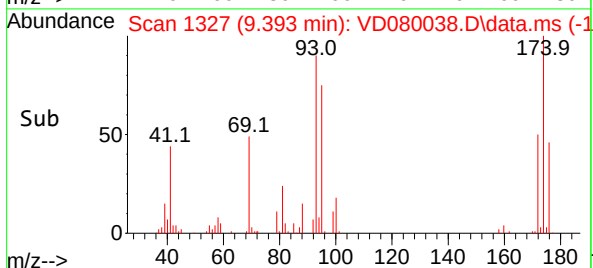
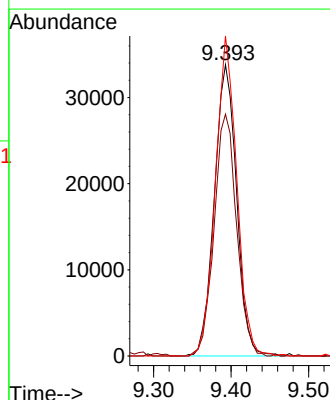
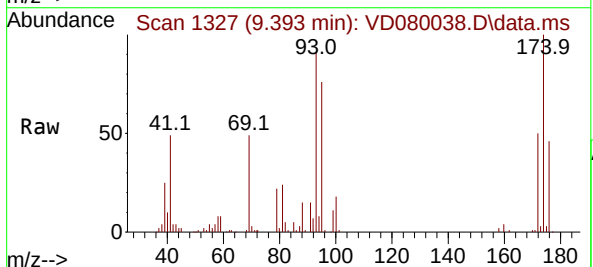
Instrument :
MSVOA_D
ClientSampleId :

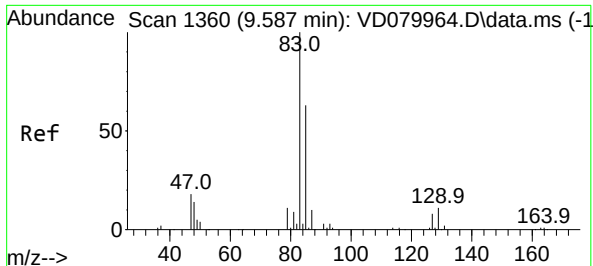
Tgt Ion: 63 Resp: 119307
Ion Ratio Lower Upper
63 100
65 30.0 26.2 39.4



#46
Dibromomethane
Concen: 49.464 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 93 Resp: 67416
Ion Ratio Lower Upper
93 100
95 84.0 67.9 101.9
174 105.2 80.5 120.7





#47

Bromodichloromethane

Concen: 49.946 ug/l

RT: 9.581 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

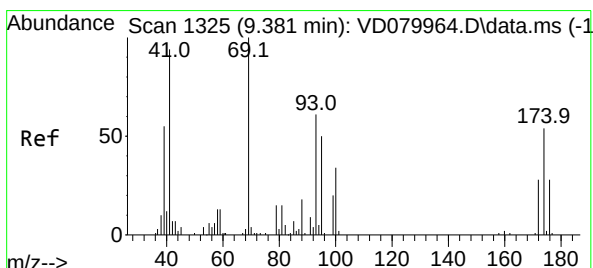
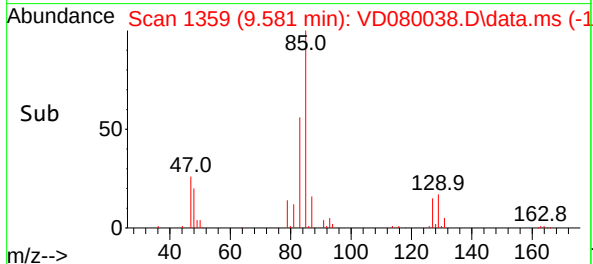
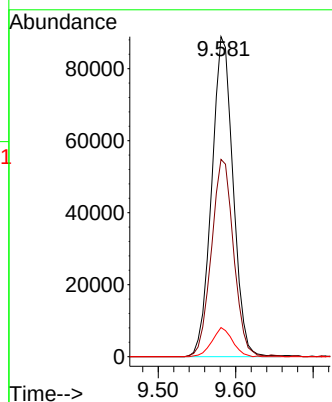
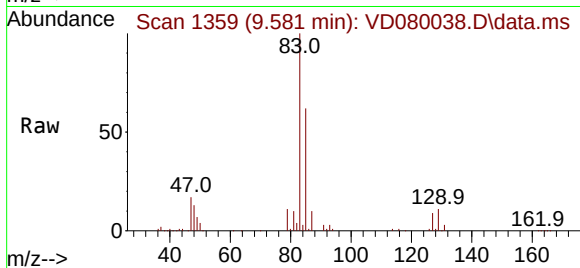
Tgt Ion: 83 Resp: 170389

Ion Ratio Lower Upper

83 100

85 61.6 50.6 75.8

127 9.1 6.1 9.1



#48

Methyl methacrylate

Concen: 55.365 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

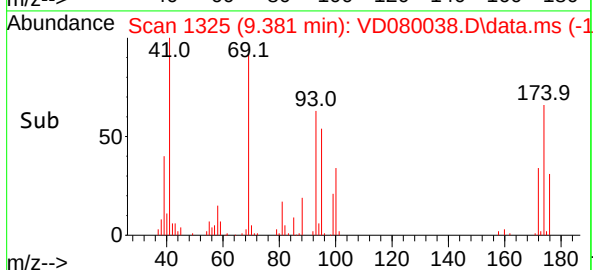
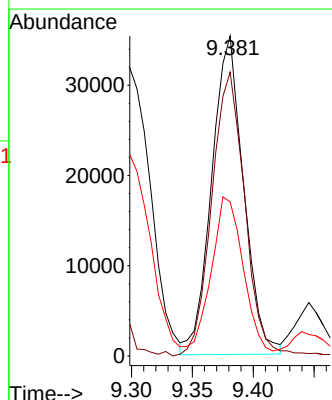
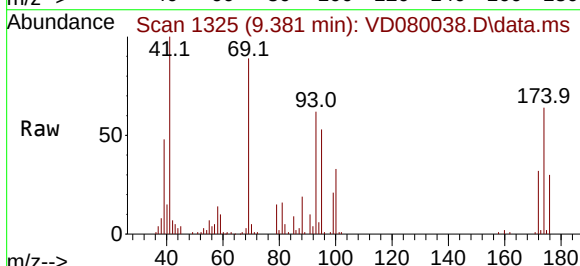
Tgt Ion: 41 Resp: 64422

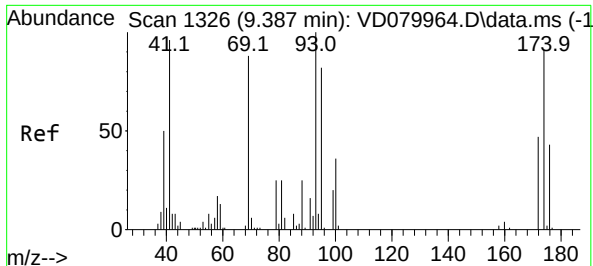
Ion Ratio Lower Upper

41 100

69 92.4 74.0 111.0

39 47.4 41.9 62.9





#49

1,4-Dioxane

Concen: 1196.381 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

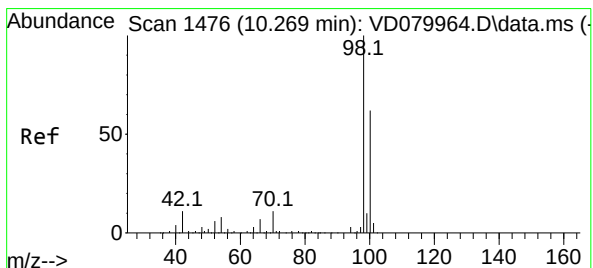
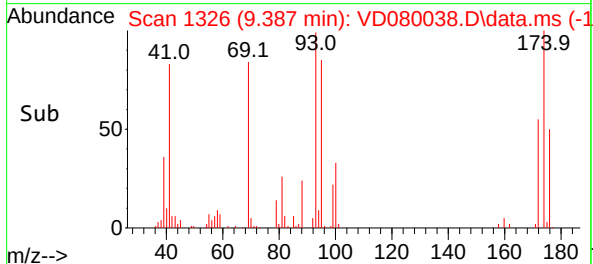
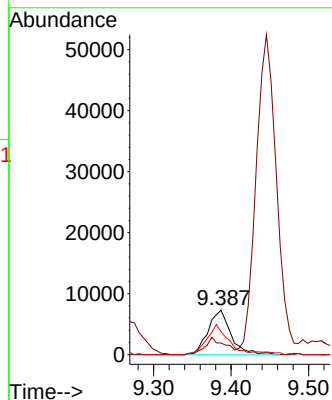
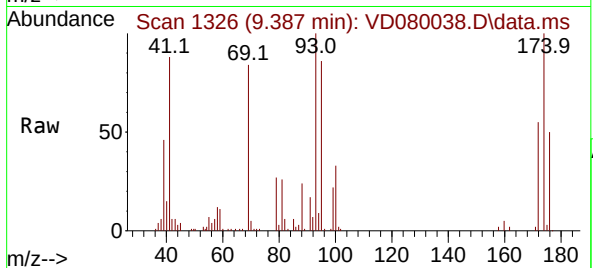
Tgt Ion: 88 Resp: 14958

Ion Ratio Lower Upper

88 100

43 33.3 29.1 43.7

58 62.8 59.9 89.9



#50

Toluene-d8

Concen: 46.139 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080038.D

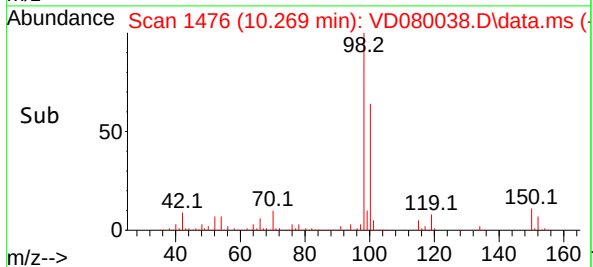
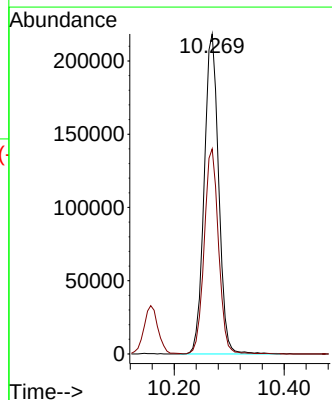
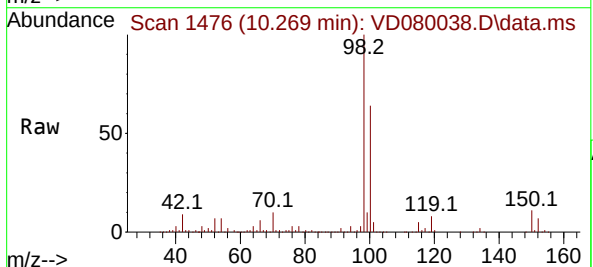
Acq: 17 Nov 2024 13:28

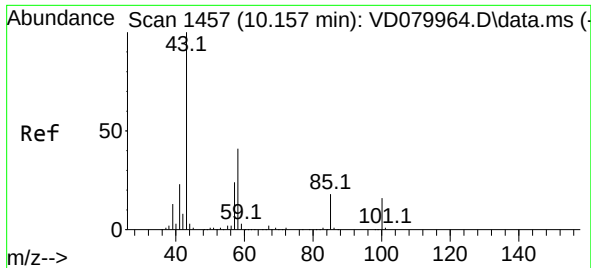
Tgt Ion: 98 Resp: 397825

Ion Ratio Lower Upper

98 100

100 63.4 50.2 75.4

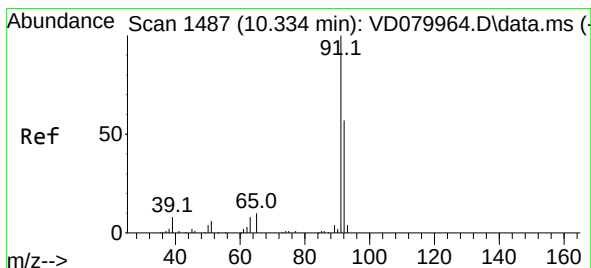
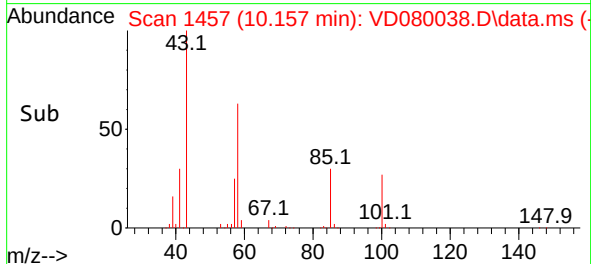
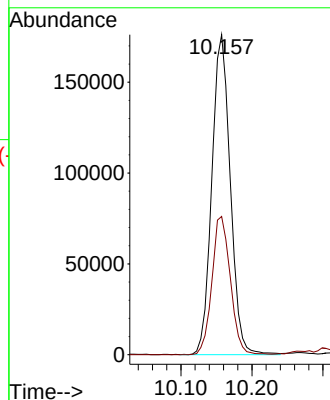
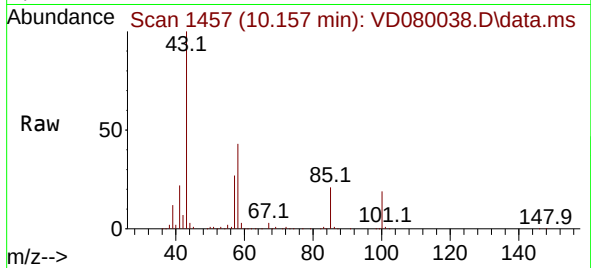




#51
4-Methyl-2-Pentanone
Concen: 256.819 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

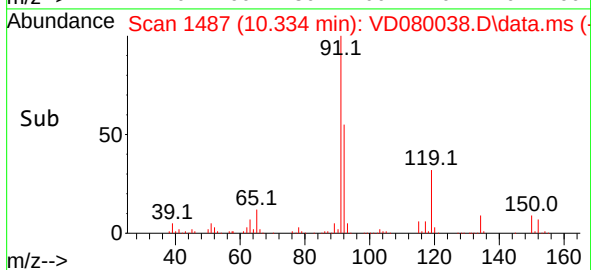
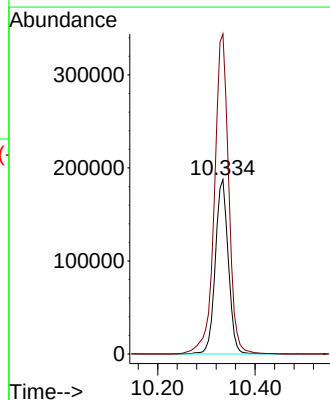
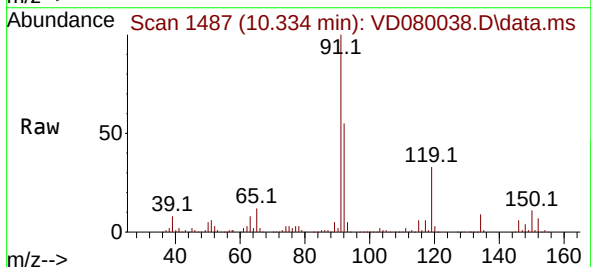
Instrument :
MSVOA_D
ClientSampleId :

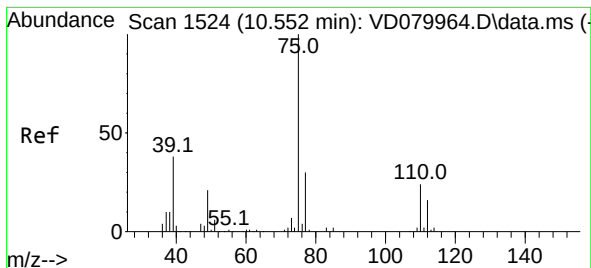
Tgt Ion: 43 Resp: 317581
Ion Ratio Lower Upper
43 100
58 43.2 32.8 49.2



#52
Toluene
Concen: 57.030 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 92 Resp: 345566
Ion Ratio Lower Upper
92 100
91 202.0 139.3 208.9

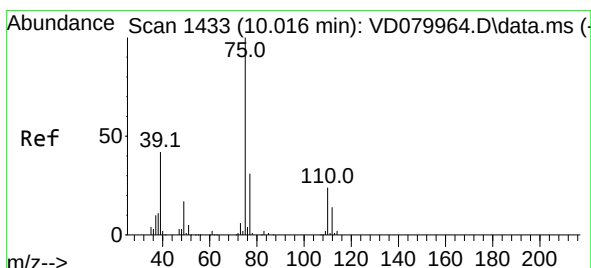
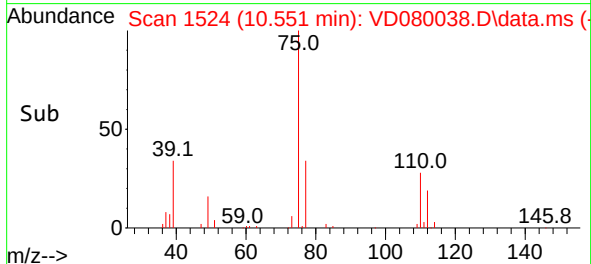
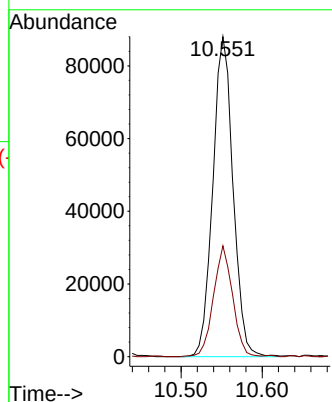
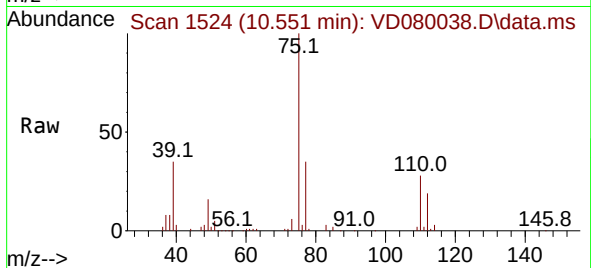




#53
 t-1,3-Dichloropropene
 Concen: 50.188 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VD080038.D
 Acq: 17 Nov 2024 13:28

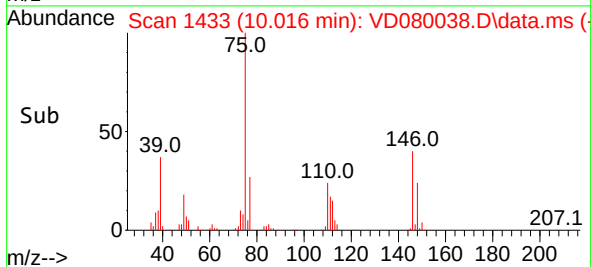
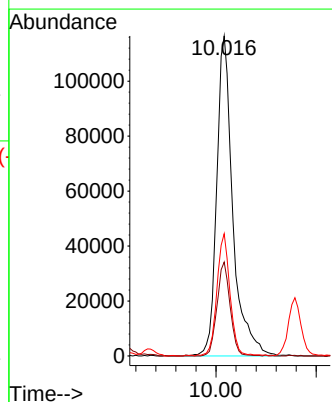
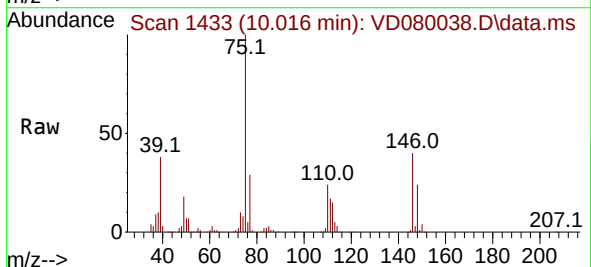
Instrument :
 MSVOA_D
 ClientSampleId :

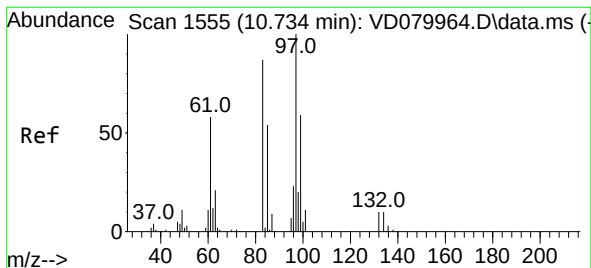
Tgt Ion: 75 Resp: 152624
 Ion Ratio Lower Upper
 75 100
 77 34.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 72.196 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080038.D
 Acq: 17 Nov 2024 13:28

Tgt Ion: 75 Resp: 259931
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.0 37.4
 39 38.2 33.2 49.8





#55

1,1,2-Trichloroethane

Concen: 51.113 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

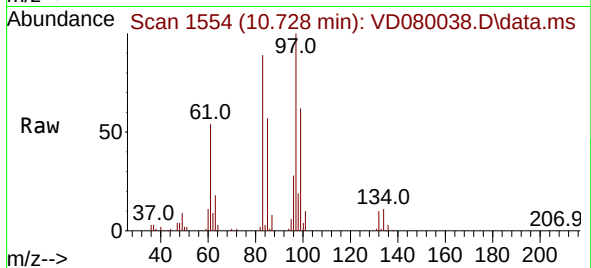
Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 92163

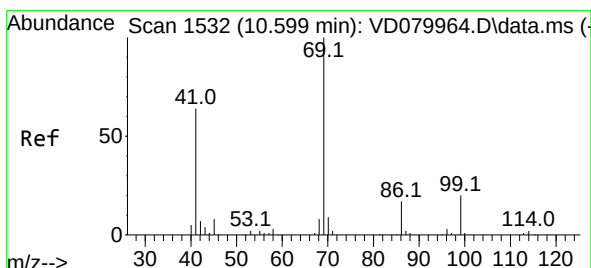
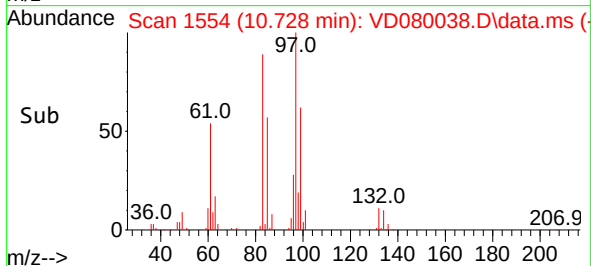
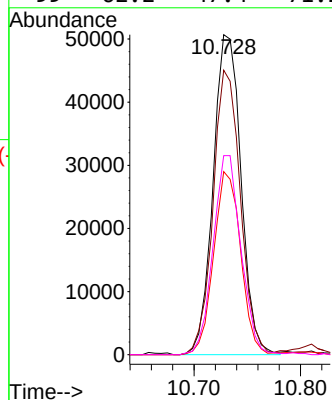
Ion Ratio Lower Upper

97 100

83 88.9 69.2 103.8

85 57.2 43.0 64.6

99 62.2 47.4 71.2



#56

Ethyl methacrylate

Concen: 54.424 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

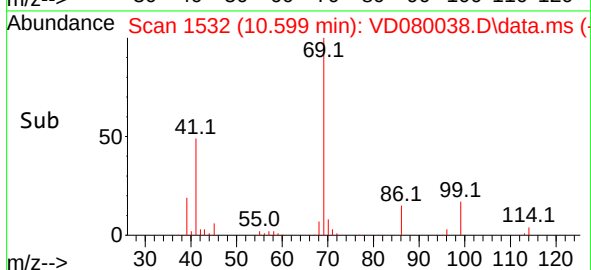
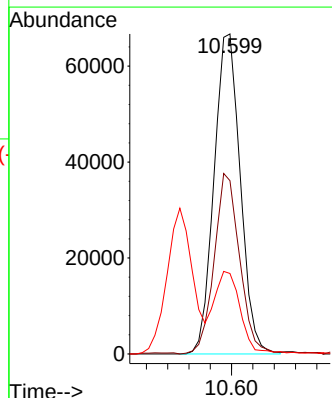
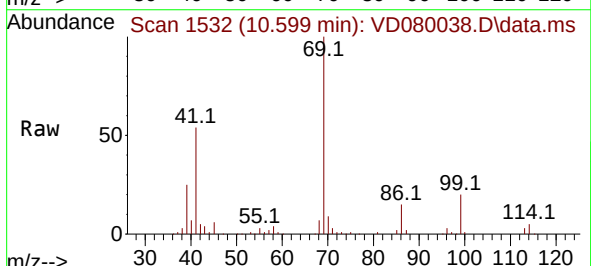
Tgt Ion: 69 Resp: 114113

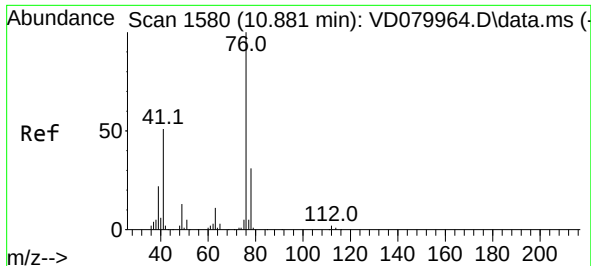
Ion Ratio Lower Upper

69 100

41 55.3 50.4 75.6

39 25.6 26.0 39.0#





#57

1,3-Dichloropropane

Concen: 51.544 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

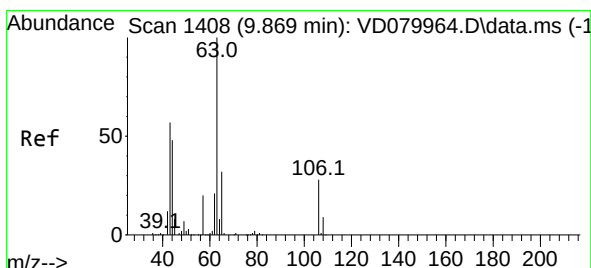
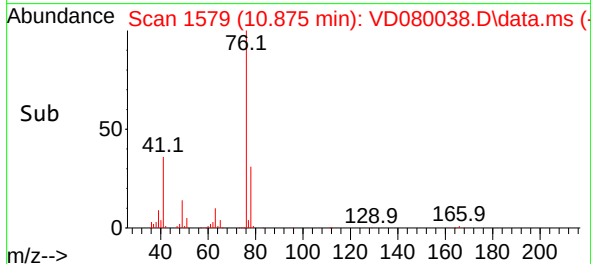
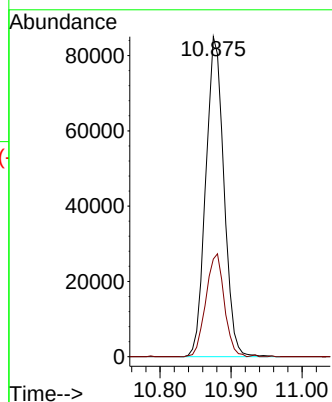
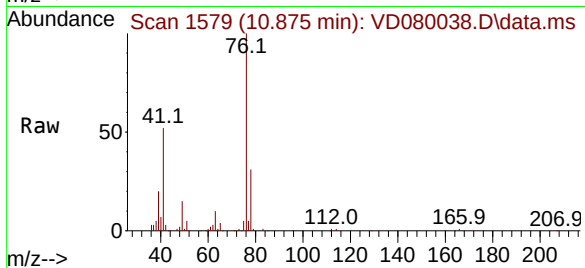
ClientSampleId :

Tgt Ion: 76 Resp: 151191

Ion Ratio Lower Upper

76 100

78 32.7 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 283.963 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080038.D

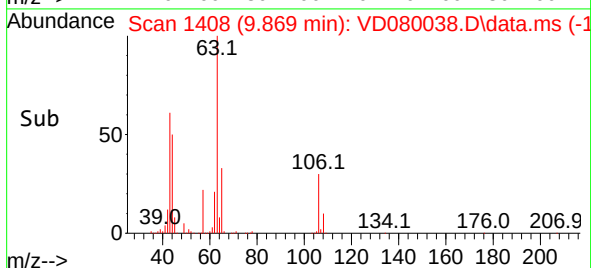
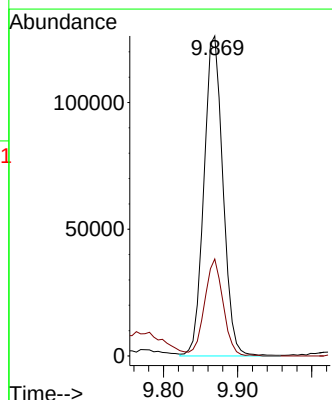
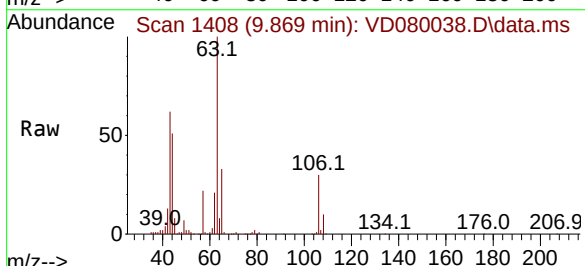
Acq: 17 Nov 2024 13:28

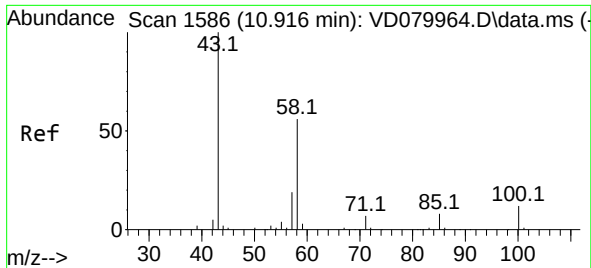
Tgt Ion: 63 Resp: 225188

Ion Ratio Lower Upper

63 100

106 29.5 21.8 32.6

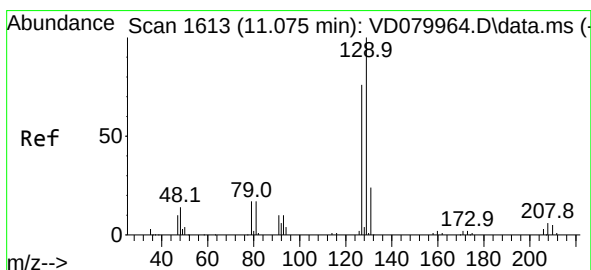
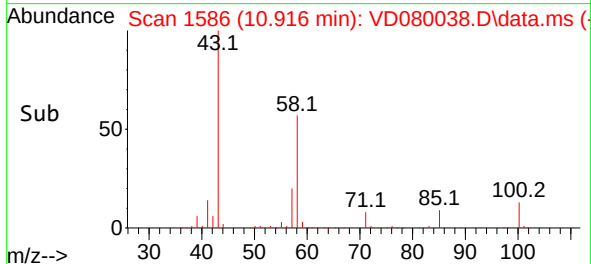
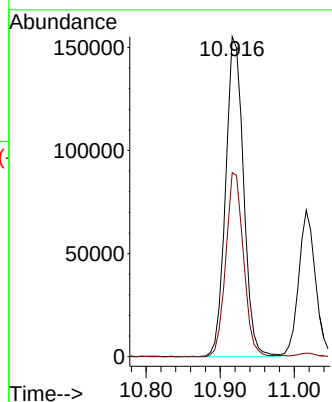
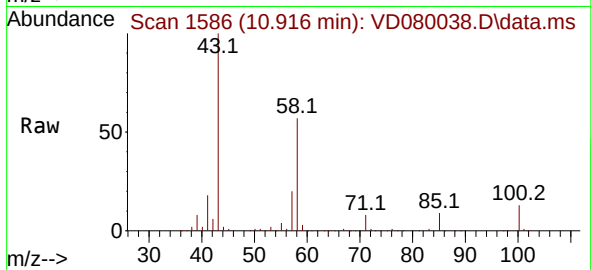




#59
2-Hexanone
Concen: 286.809 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

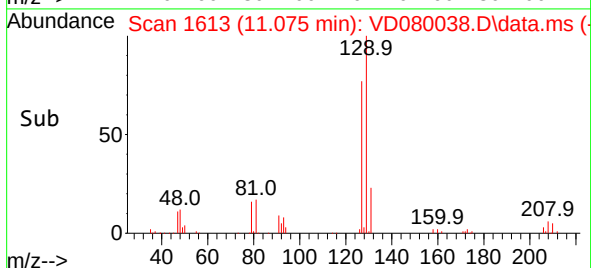
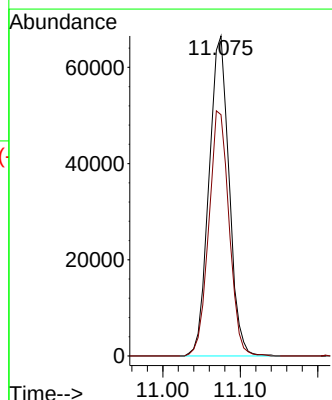
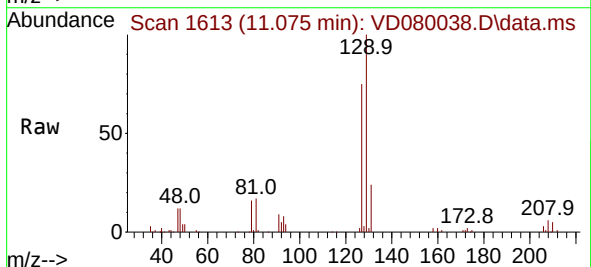
Instrument :
MSVOA_D
ClientSampleId :

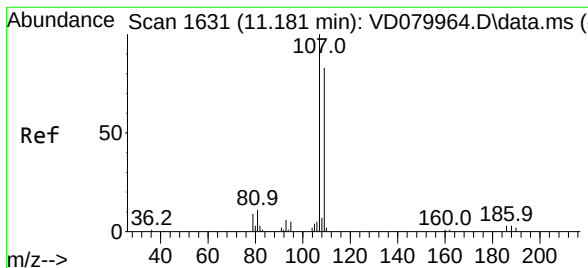
Tgt Ion: 43 Resp: 260875
Ion Ratio Lower Upper
43 100
58 56.7 27.8 83.4



#60
Dibromochloromethane
Concen: 51.650 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 129 Resp: 119875
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2

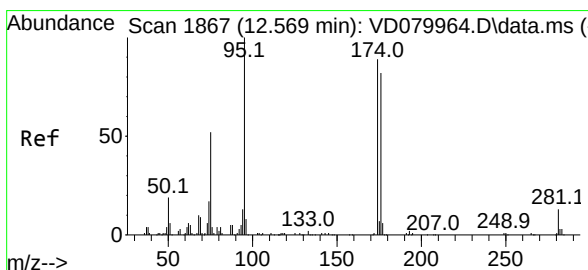
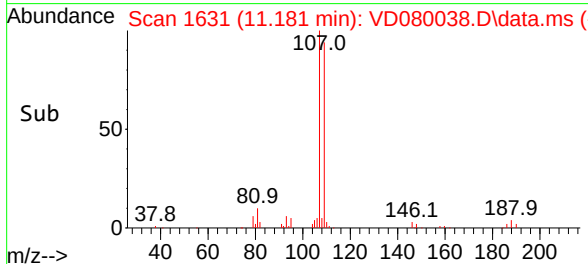
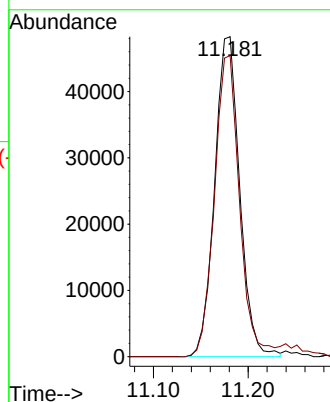
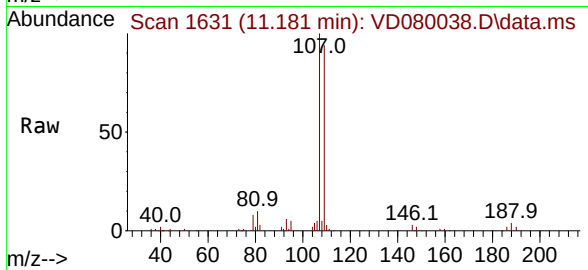




#61
1,2-Dibromoethane
Concen: 52.142 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

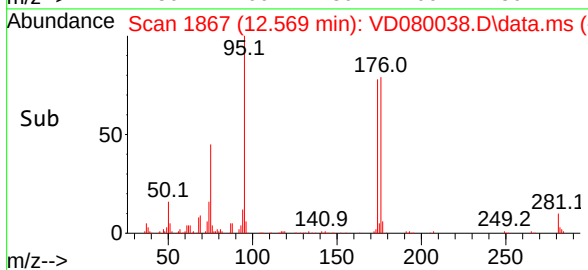
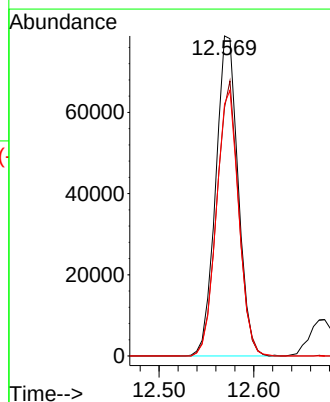
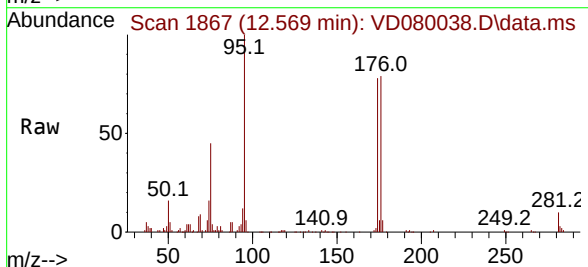
Instrument :
MSVOA_D
ClientSampleId :

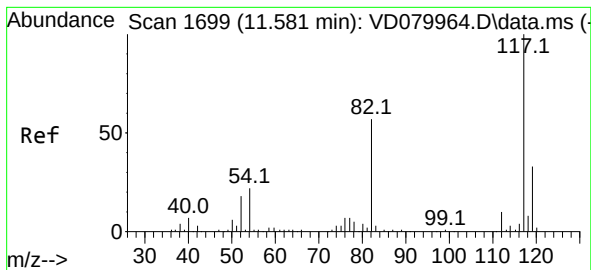
Tgt Ion:107 Resp: 88646
Ion Ratio Lower Upper
107 100
109 94.2 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 45.866 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 95 Resp: 129748
Ion Ratio Lower Upper
95 100
174 83.6 0.0 173.4
176 82.6 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

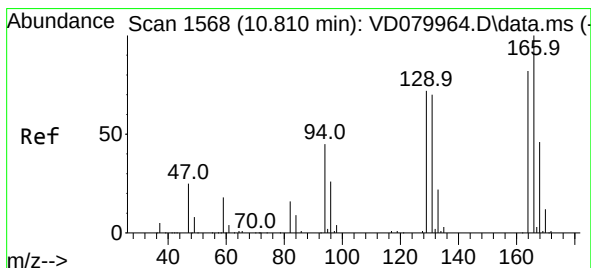
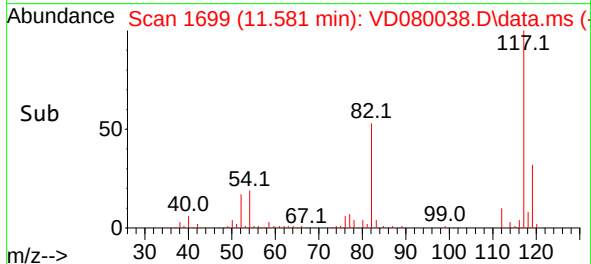
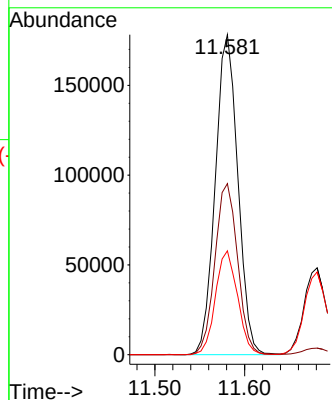
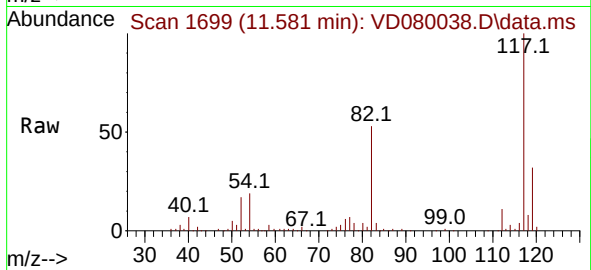
Tgt Ion:117 Resp: 311195

Ion Ratio Lower Upper

117 100

82 53.5 45.8 68.6

119 32.5 26.2 39.2



#64

Tetrachloroethene

Concen: 52.443 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Tgt Ion:164 Resp: 116221

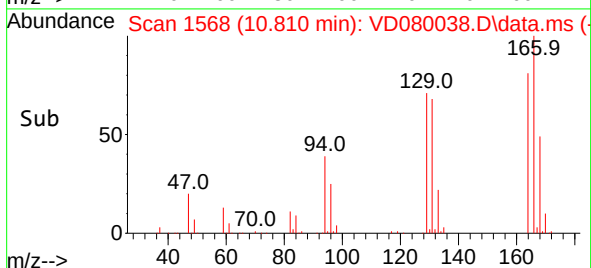
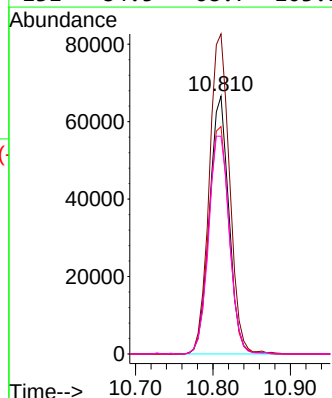
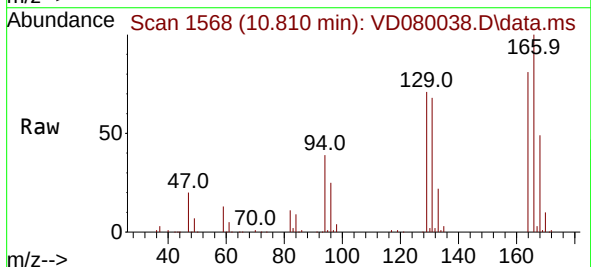
Ion Ratio Lower Upper

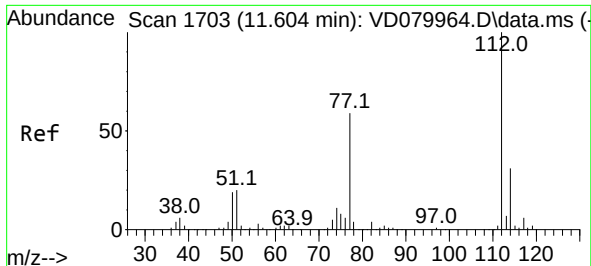
164 100

166 124.1 97.5 146.3

129 88.2 70.6 106.0

131 84.5 68.7 103.1

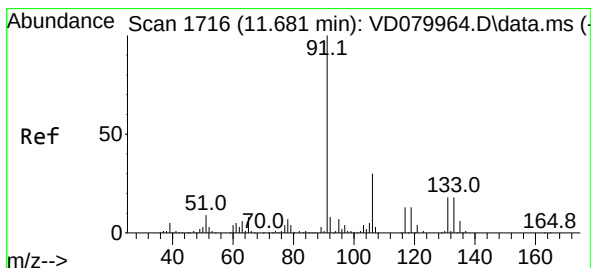
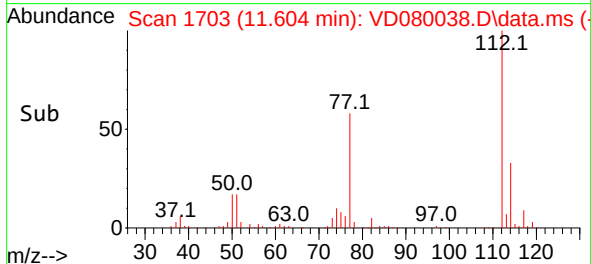
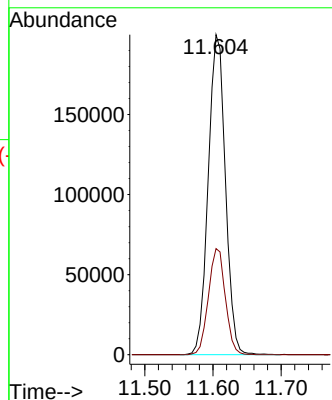
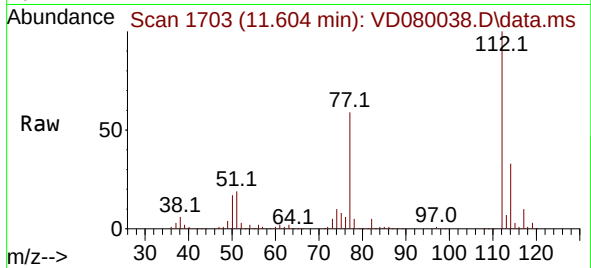




#65
Chlorobenzene
Concen: 51.627 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

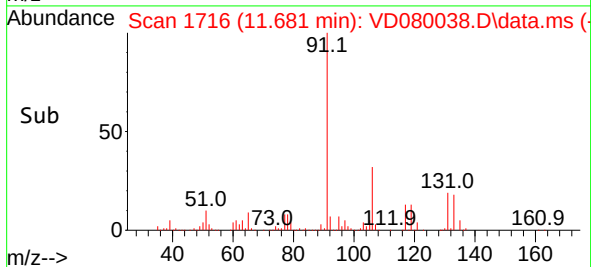
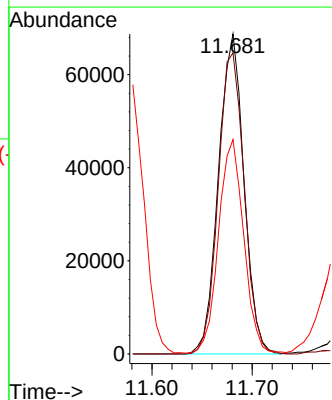
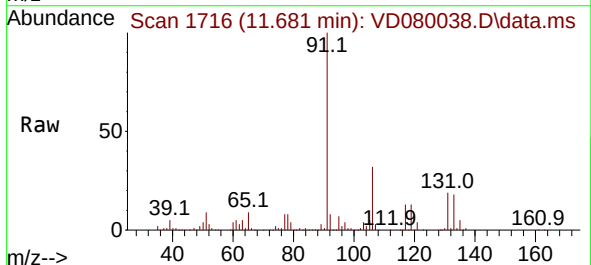
Instrument :
MSVOA_D
ClientSampleId :

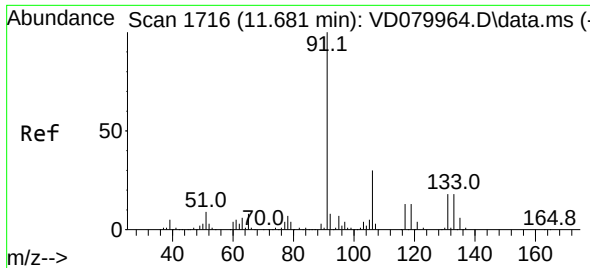
Tgt Ion:112 Resp: 350464
Ion Ratio Lower Upper
112 100
114 33.2 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.179 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion:131 Resp: 120936
Ion Ratio Lower Upper
131 100
133 96.2 48.8 146.4
119 66.8 34.8 104.3

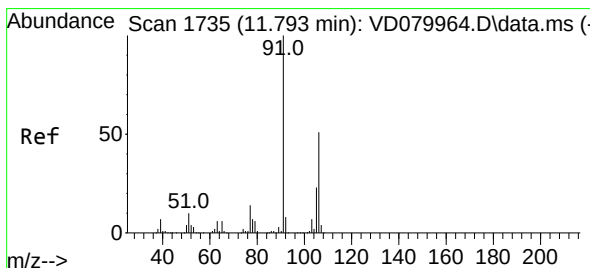
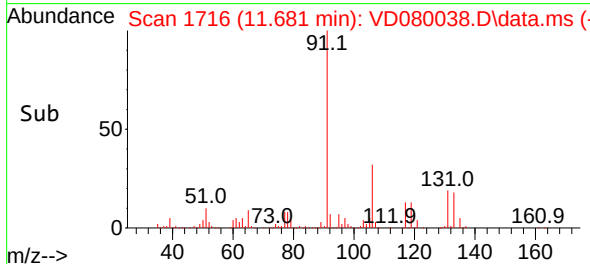
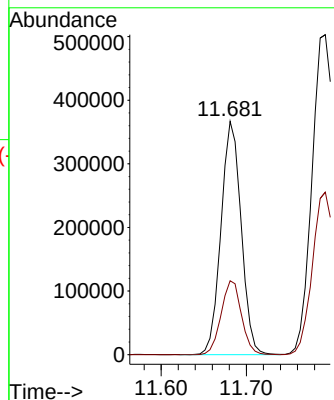
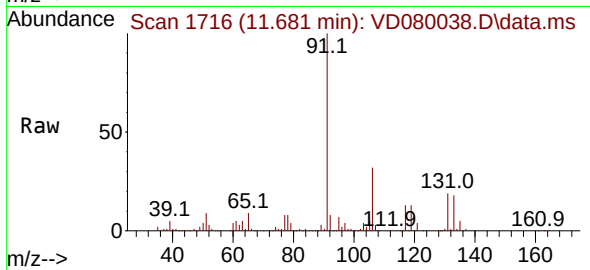




#67
Ethyl Benzene
Concen: 52.996 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

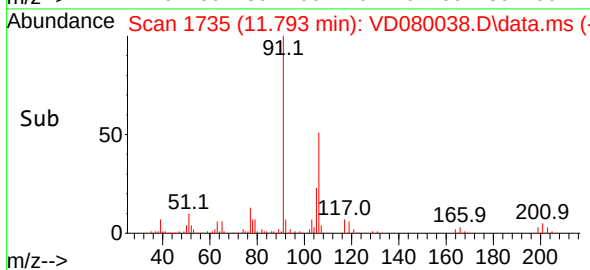
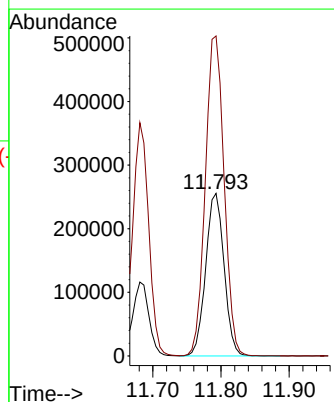
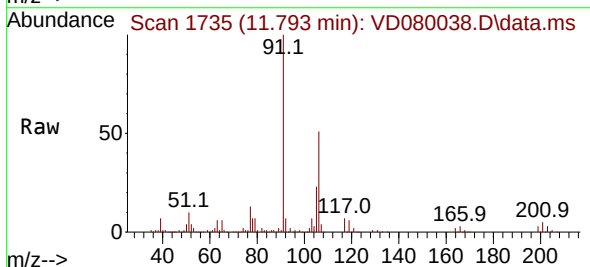
Instrument :
MSVOA_D
ClientSampleId :

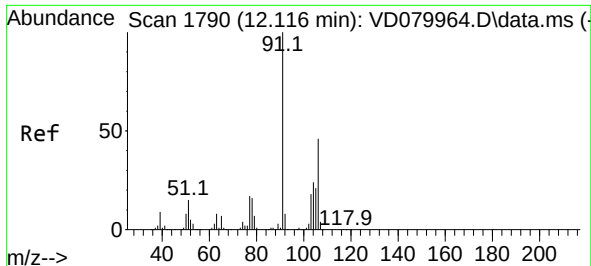
Tgt Ion: 91 Resp: 603644
Ion Ratio Lower Upper
91 100
106 31.7 23.6 35.4



#68
m/p-Xylenes
Concen: 107.626 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion:106 Resp: 479093
Ion Ratio Lower Upper
106 100
91 201.1 162.6 244.0

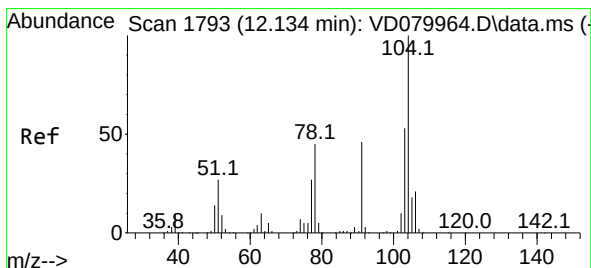
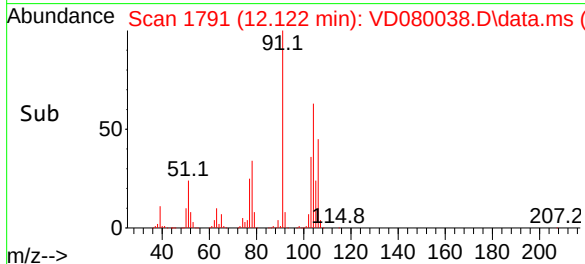
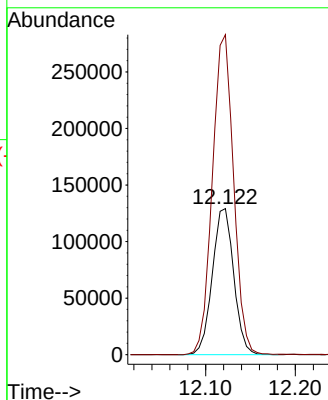
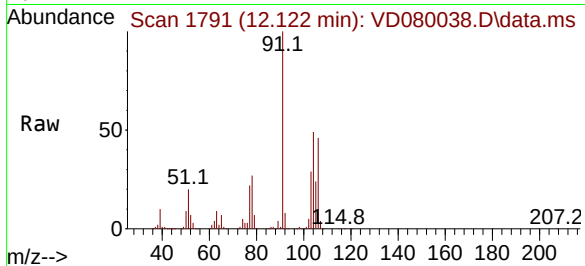




#69
o-Xylene
Concen: 53.540 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

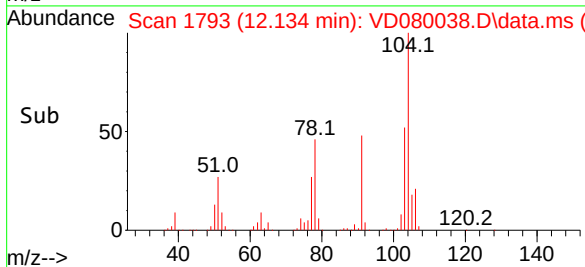
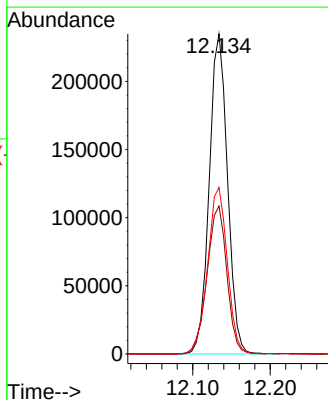
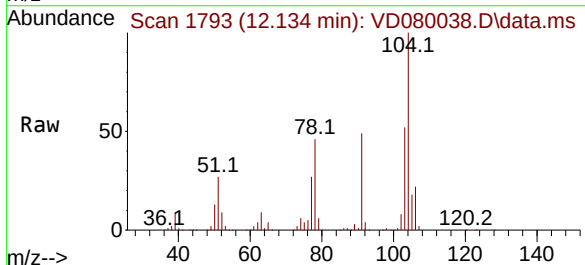
Instrument :
MSVOA_D
ClientSampleId :

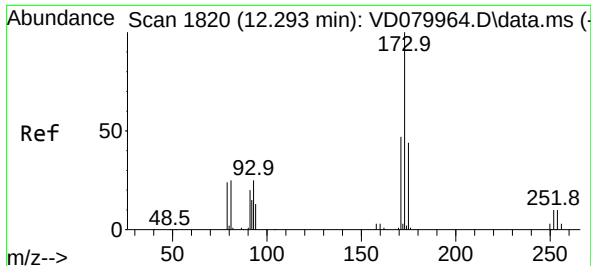
Tgt Ion:106 Resp: 214237
Ion Ratio Lower Upper
106 100
91 217.2 110.5 331.5



#70
Styrene
Concen: 53.853 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion:104 Resp: 384619
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.8
103 56.1 45.2 67.8

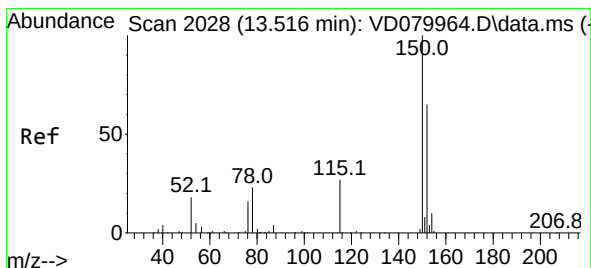
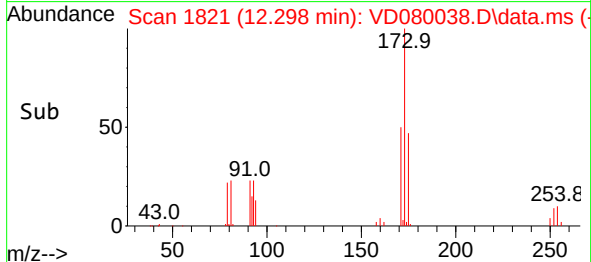
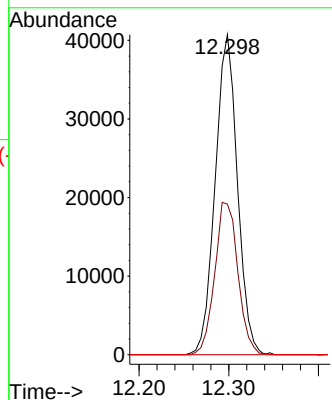
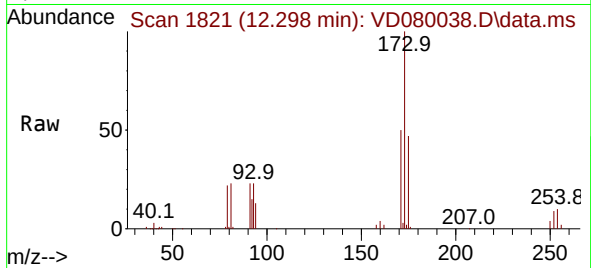




#71
Bromoform
Concen: 50.264 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

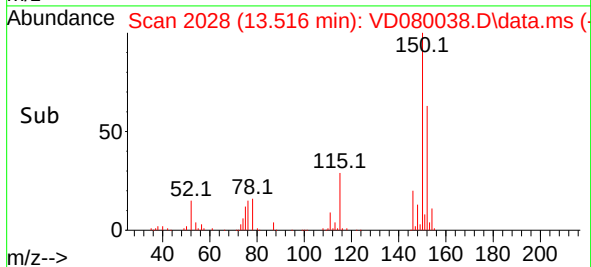
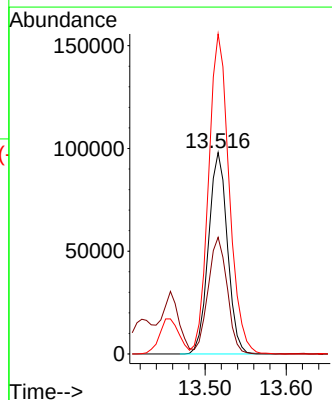
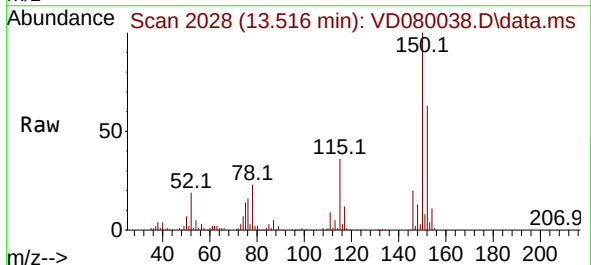
Instrument :
MSVOA_D
ClientSampleId :

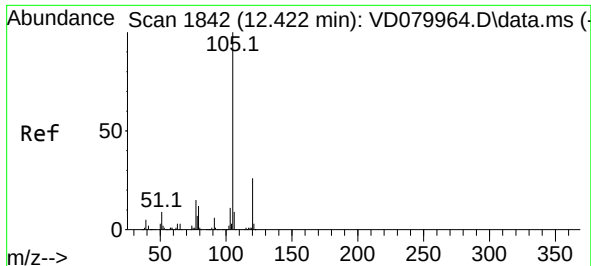
Tgt Ion:173 Resp: 70029
Ion Ratio Lower Upper
173 100
175 49.7 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion:152 Resp: 158443
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 173.1 0.0 354.8

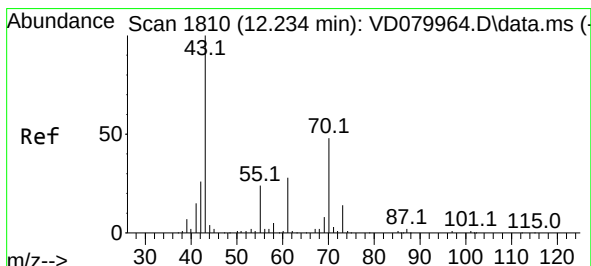
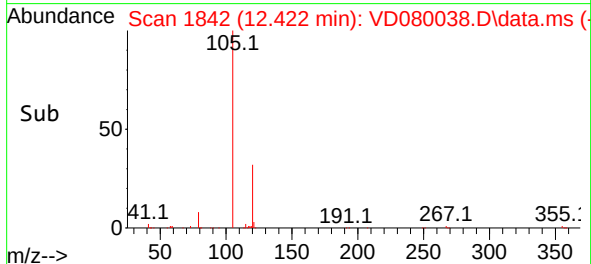
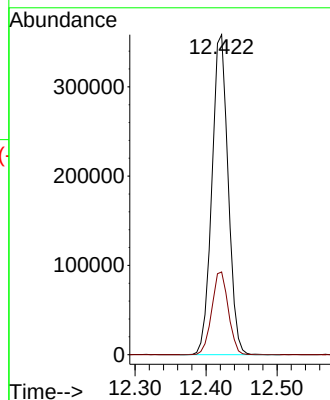
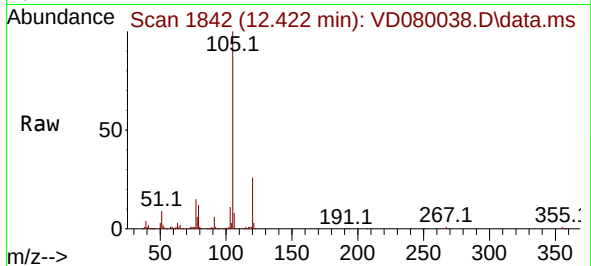




#73
Isopropylbenzene
Concen: 55.543 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

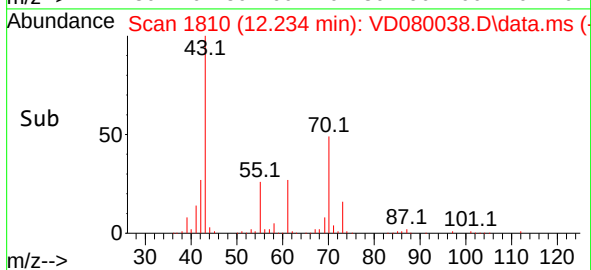
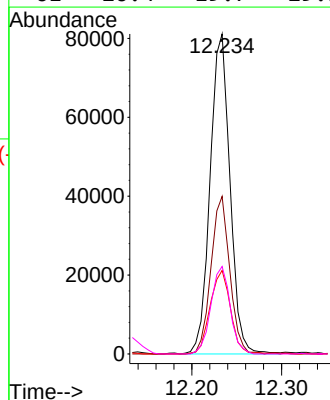
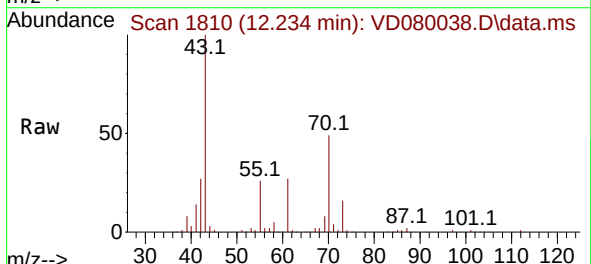
Instrument :
MSVOA_D
ClientSampleId :

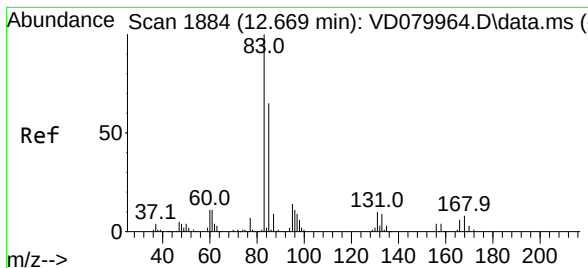
Tgt Ion:105 Resp: 567528
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9



#74
N-ethyl acetate
Concen: 55.464 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 43 Resp: 124871
Ion Ratio Lower Upper
43 100
70 46.6 36.3 54.5
55 26.7 20.3 30.5
61 26.4 19.7 29.5

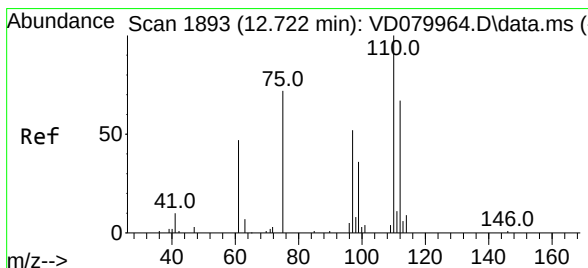
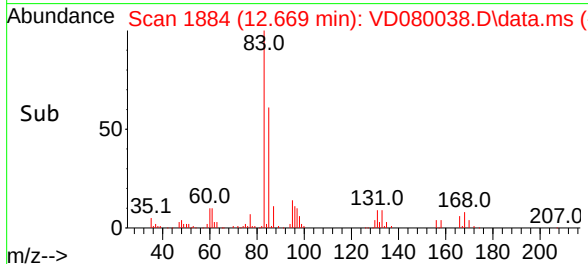
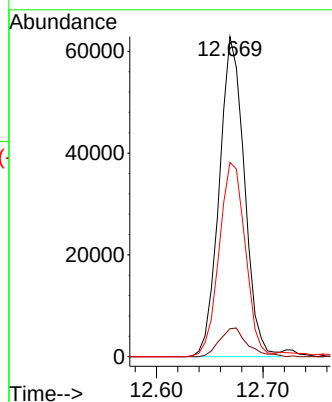
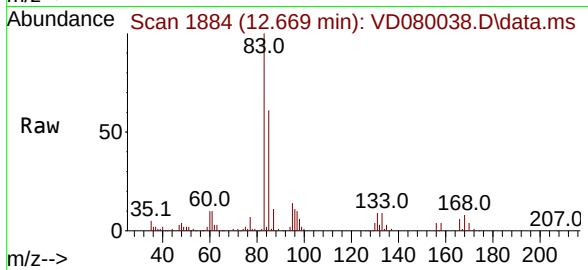




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.476 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD080038.D
 Acq: 17 Nov 2024 13:28

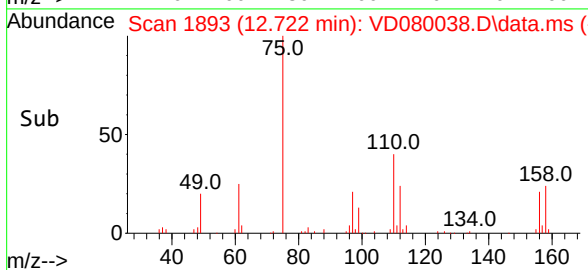
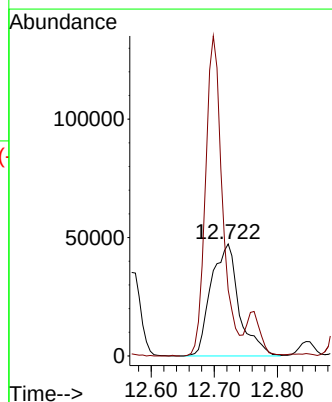
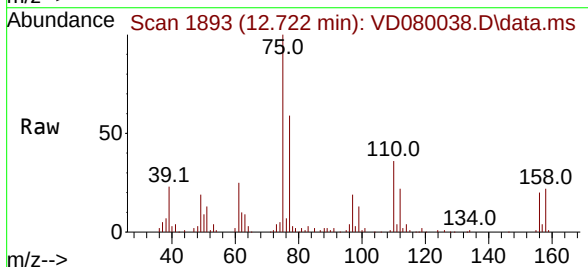
Instrument :
 MSVOA_D
 ClientSampleId :

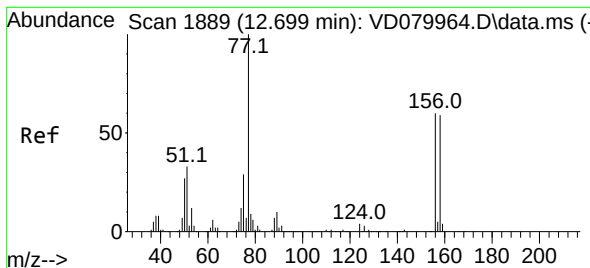
Tgt Ion: 83 Resp: 103045
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 63.3 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 104.224 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD080038.D
 Acq: 17 Nov 2024 13:28

Tgt Ion: 75 Resp: 145818
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.043 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.001 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

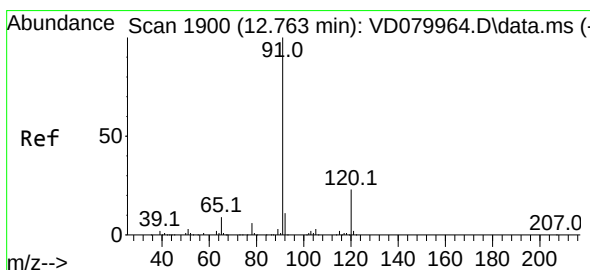
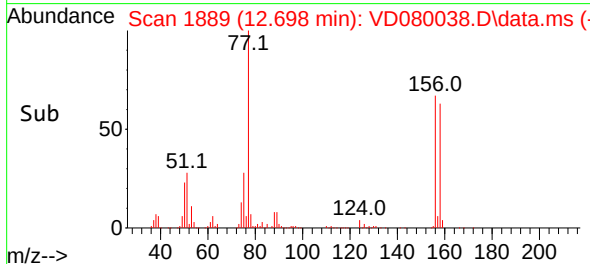
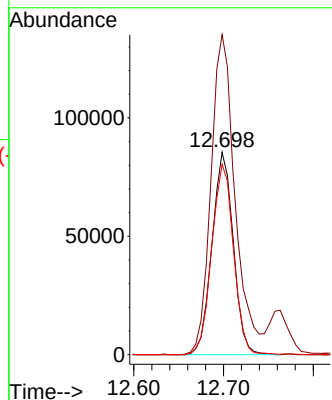
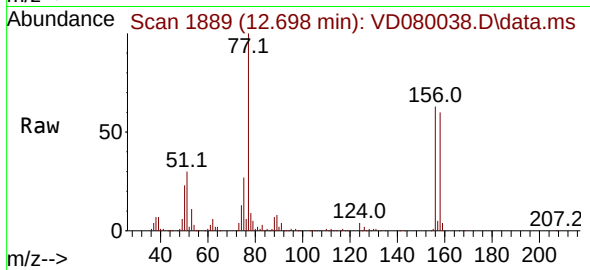
Tgt Ion:156 Resp: 140848

Ion Ratio Lower Upper

156 100

77 177.9 89.8 269.6

158 96.6 47.9 143.8



#78

n-propylbenzene

Concen: 55.246 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD080038.D

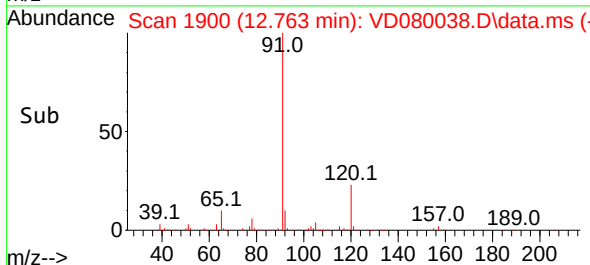
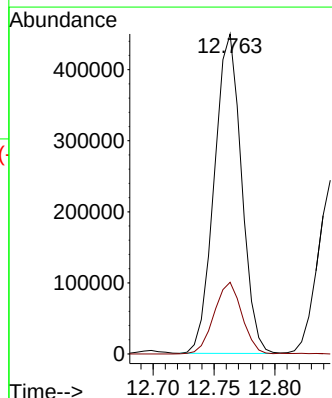
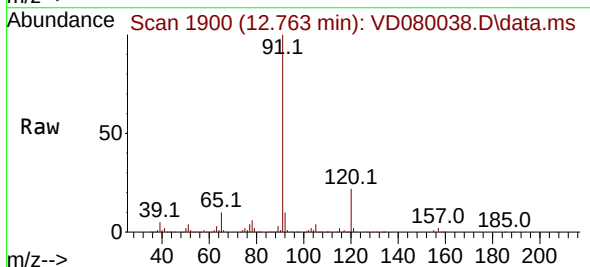
Acq: 17 Nov 2024 13:28

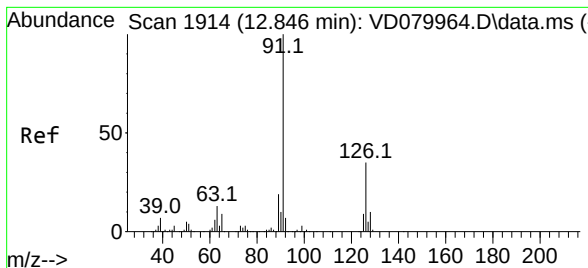
Tgt Ion: 91 Resp: 697617

Ion Ratio Lower Upper

91 100

120 23.0 11.2 33.5





#79

2-Chlorotoluene

Concen: 54.896 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.001 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

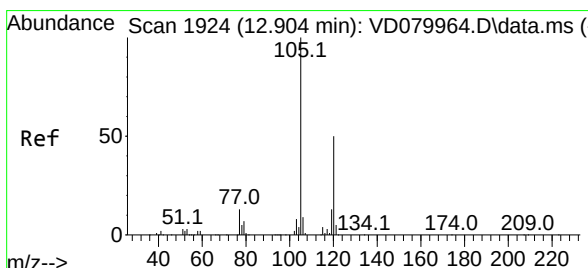
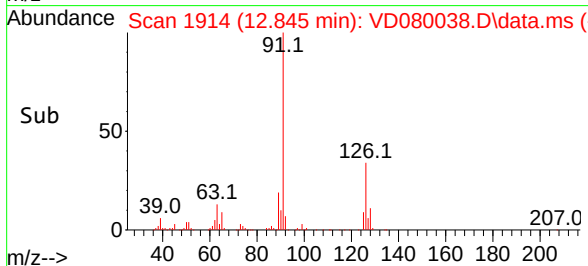
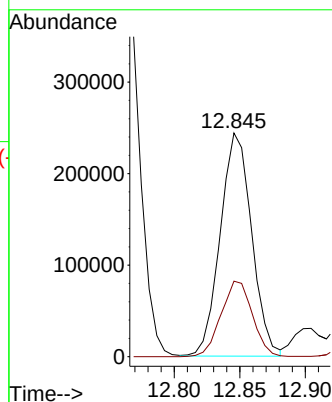
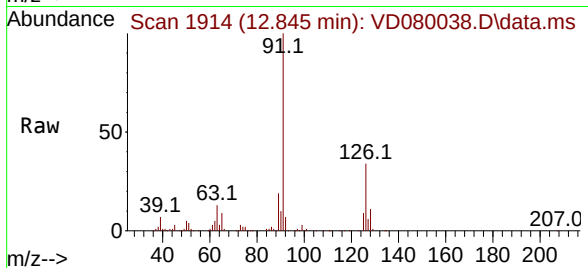
ClientSampleId :

Tgt Ion: 91 Resp: 406511

Ion Ratio Lower Upper

91 100

126 33.8 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 55.105 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD080038.D

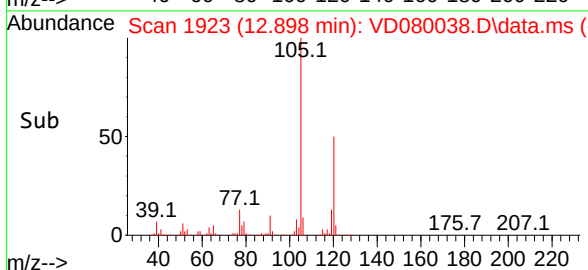
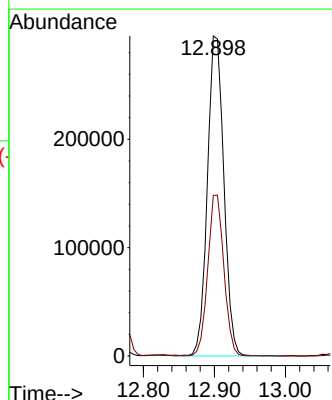
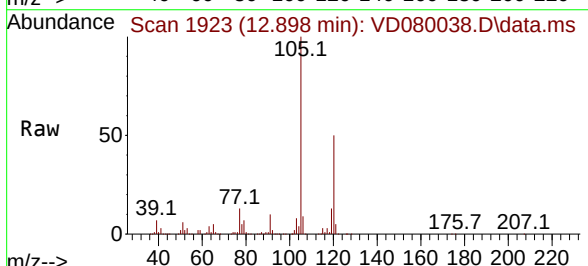
Acq: 17 Nov 2024 13:28

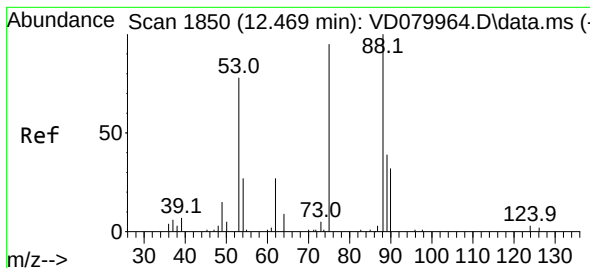
Tgt Ion:105 Resp: 476525

Ion Ratio Lower Upper

105 100

120 49.3 25.0 75.0

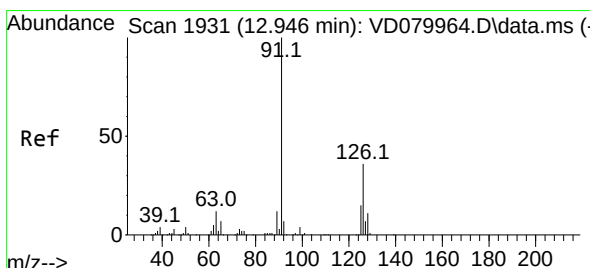
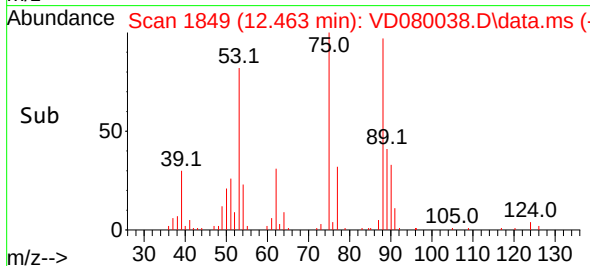
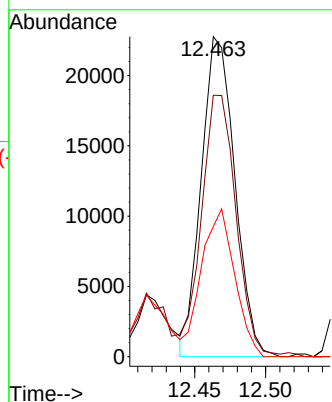
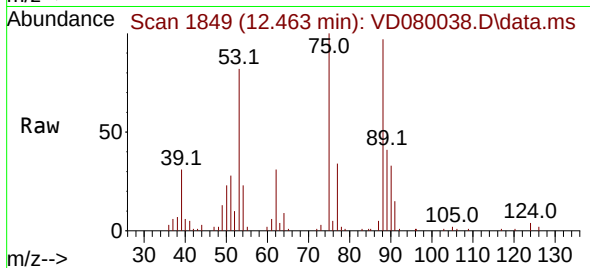




#81
trans-1,4-Dichloro-2-butene
Concen: 54.751 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

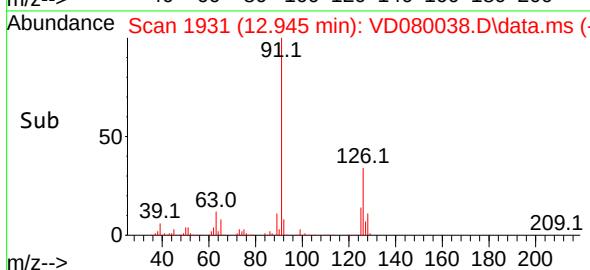
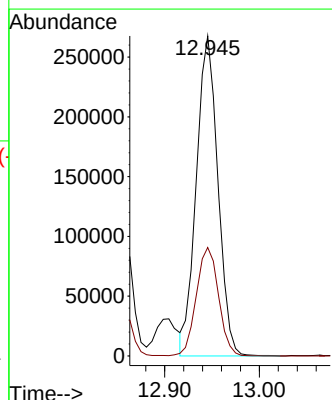
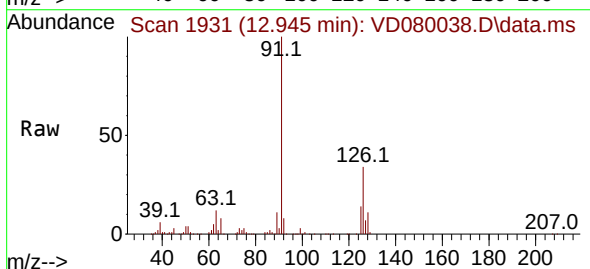
Instrument :
MSVOA_D
ClientSampleId :

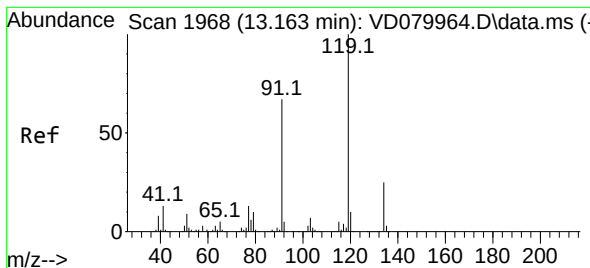
Tgt Ion: 75 Resp: 37428
Ion Ratio Lower Upper
75 100
53 85.6 68.7 103.1
89 45.9 36.1 54.1



#82
4-Chlorotoluene
Concen: 53.623 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.001 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 91 Resp: 424499
Ion Ratio Lower Upper
91 100
126 35.0 16.8 50.3





#83

tert-Butylbenzene

Concen: 55.968 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

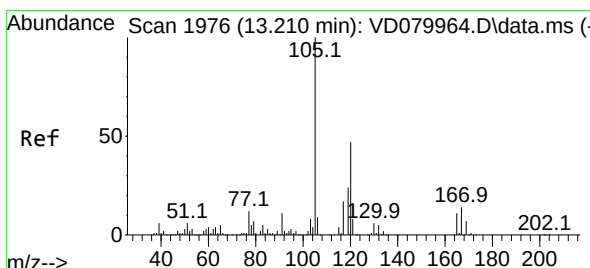
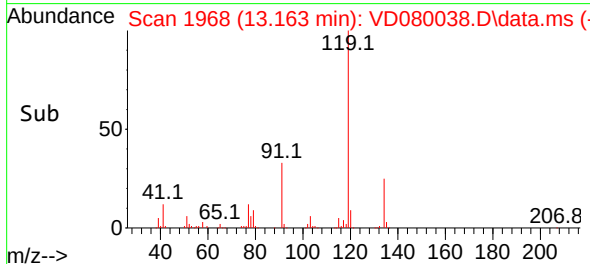
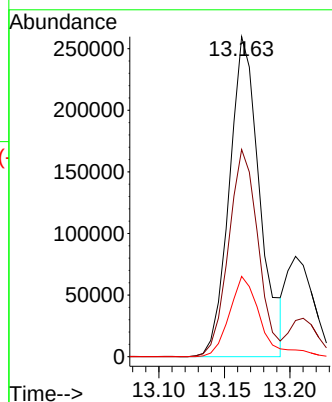
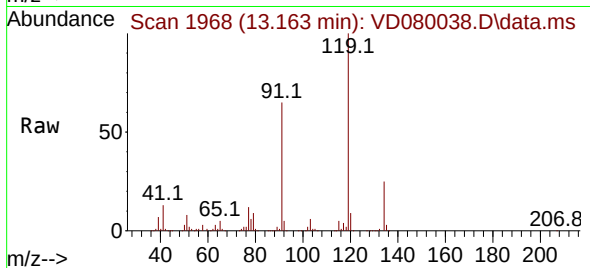
Tgt Ion:119 Resp: 419169

Ion Ratio Lower Upper

119 100

91 63.1 33.3 99.9

134 25.8 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 55.810 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080038.D

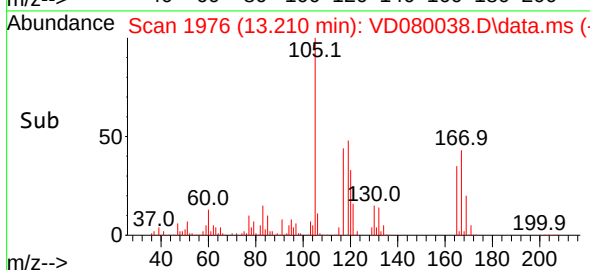
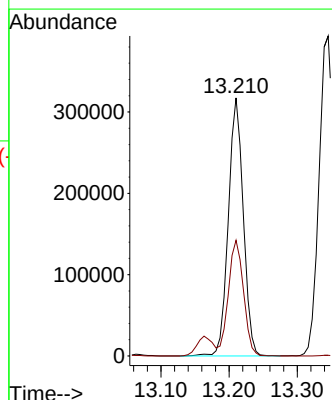
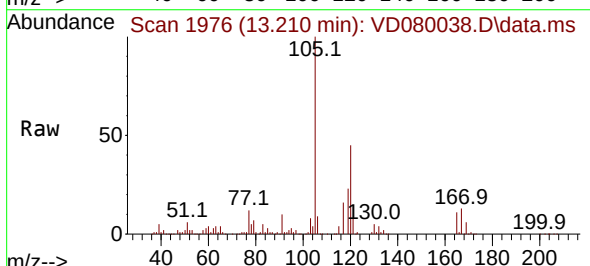
Acq: 17 Nov 2024 13:28

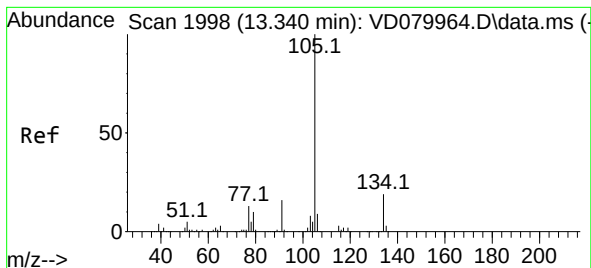
Tgt Ion:105 Resp: 484830

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.4





#85

sec-Butylbenzene

Concen: 55.339 ug/l

RT: 13.345 min Scan# 1998

Delta R.T. 0.005 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

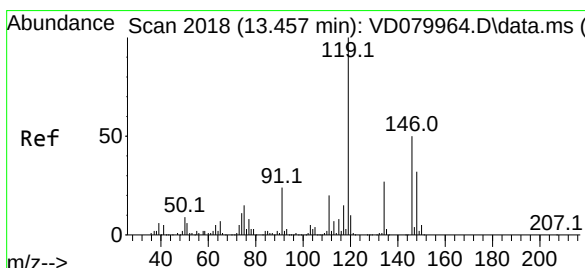
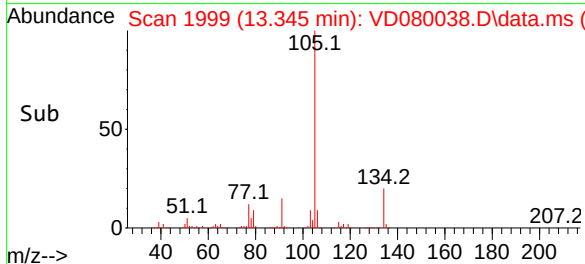
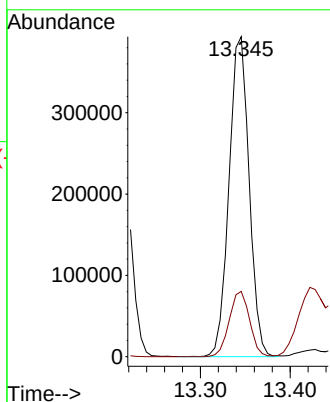
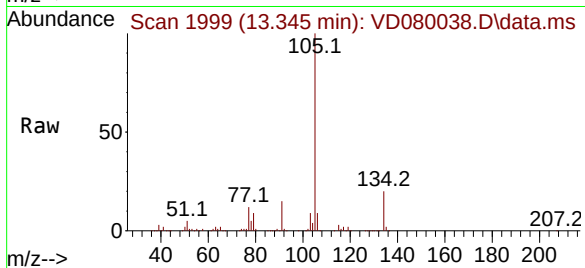
ClientSampleId :

Tgt Ion:105 Resp: 612629

Ion Ratio Lower Upper

105 100

134 20.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 58.458 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

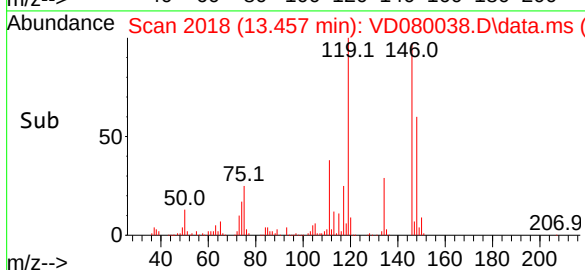
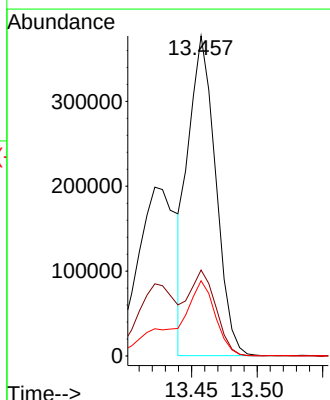
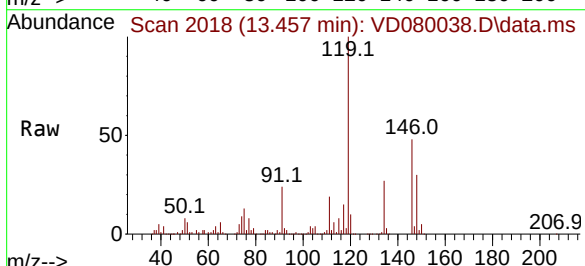
Tgt Ion:119 Resp: 547026

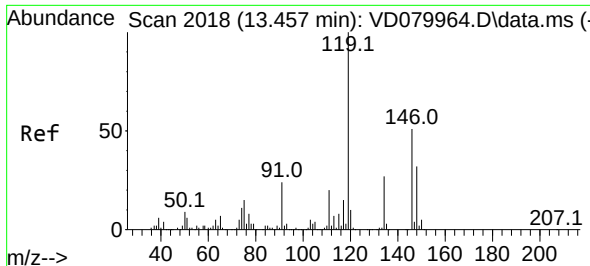
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.1

91 35.4 12.2 36.4

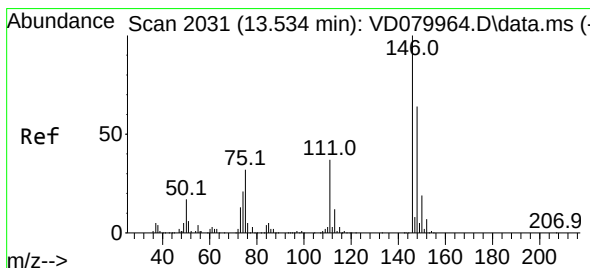
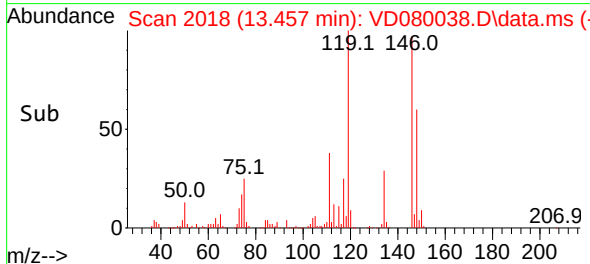
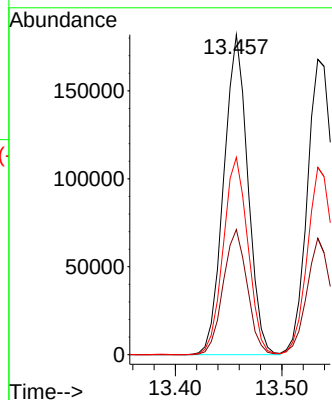
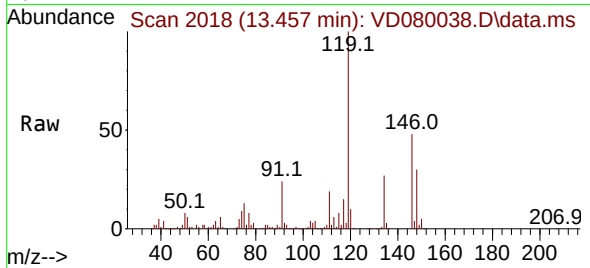




#87
 1,3-Dichlorobenzene
 Concen: 53.214 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD080038.D
 Acq: 17 Nov 2024 13:28

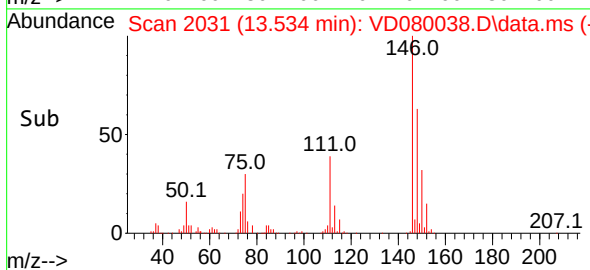
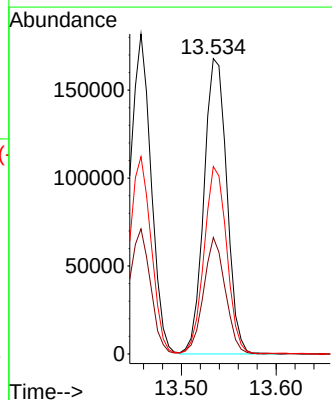
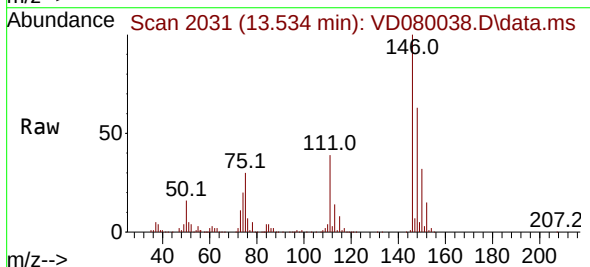
Instrument :
 MSVOA_D
 ClientSampleId :

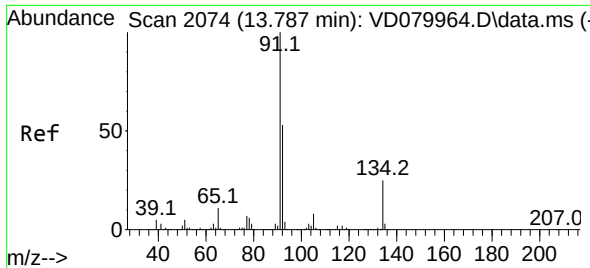
Tgt Ion:146 Resp: 286135
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.0 59.9
 148 63.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 52.082 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD080038.D
 Acq: 17 Nov 2024 13:28

Tgt Ion:146 Resp: 281260
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.3 57.8
 148 62.9 32.9 98.7

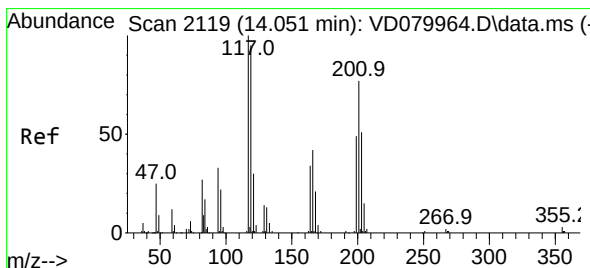
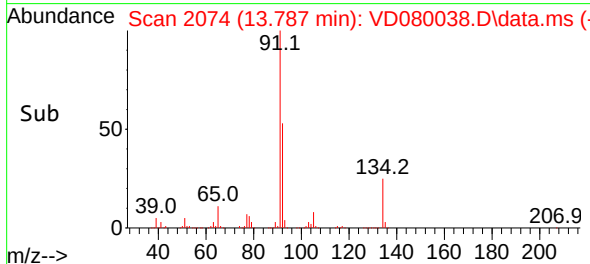
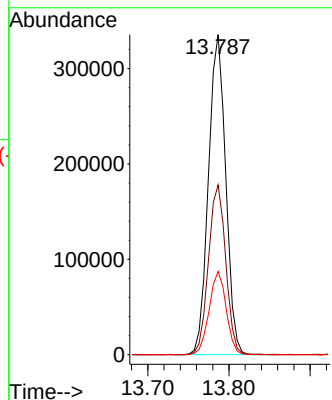
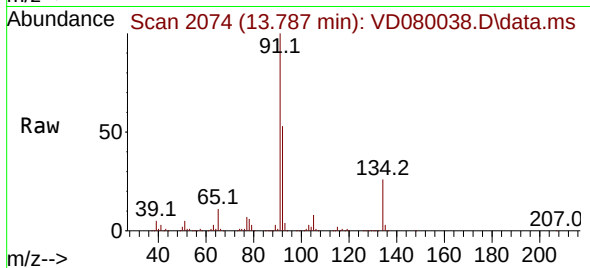




#89
n-Butylbenzene
Concen: 56.278 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

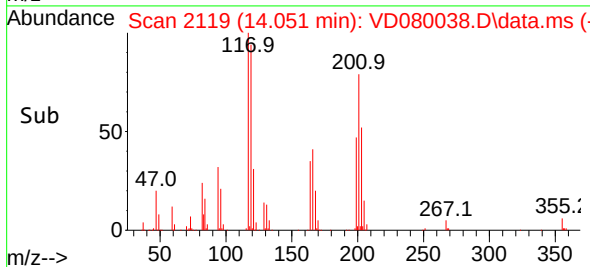
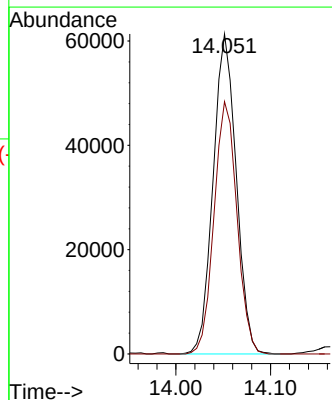
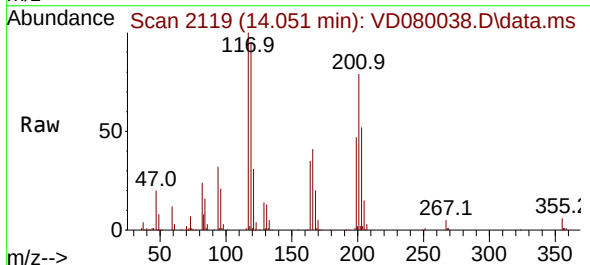
Instrument :
MSVOA_D
ClientSampleId :

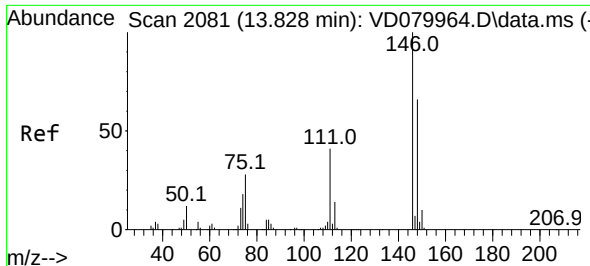
Tgt Ion: 91 Resp: 495443
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 25.7 12.3 36.8



#90
Hexachloroethane
Concen: 51.803 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion: 117 Resp: 103916
Ion Ratio Lower Upper
117 100
201 78.2 37.5 112.5





#91

1,2-Dichlorobenzene

Concen: 52.283 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

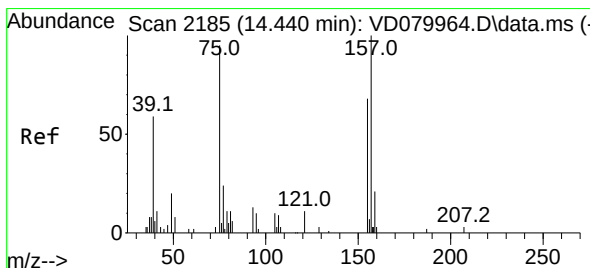
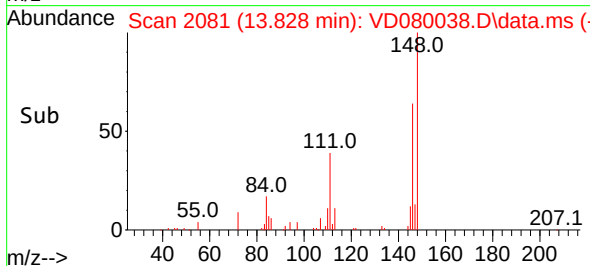
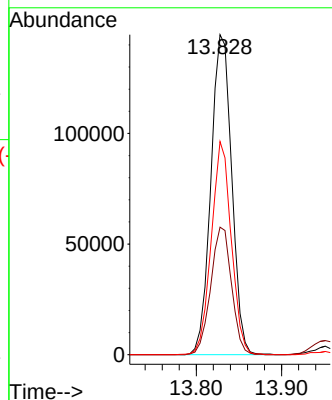
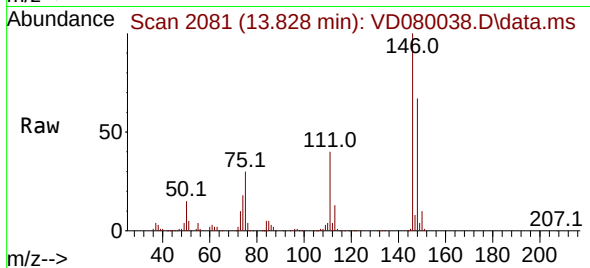
Tgt Ion:146 Resp: 245140

Ion Ratio Lower Upper

146 100

111 39.9 20.6 61.8

148 63.9 32.7 98.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.843 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.005 min

Lab File: VD080038.D

Acq: 17 Nov 2024 13:28

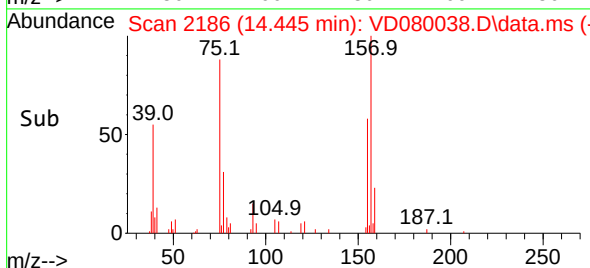
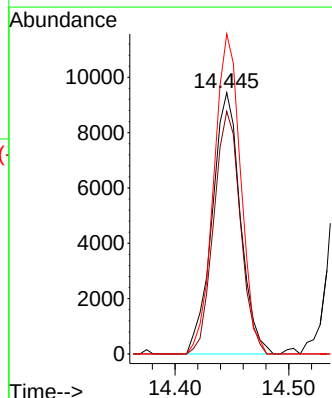
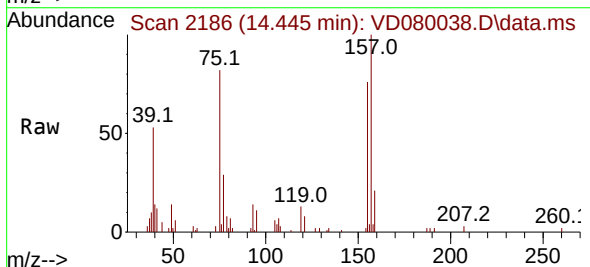
Tgt Ion: 75 Resp: 16285

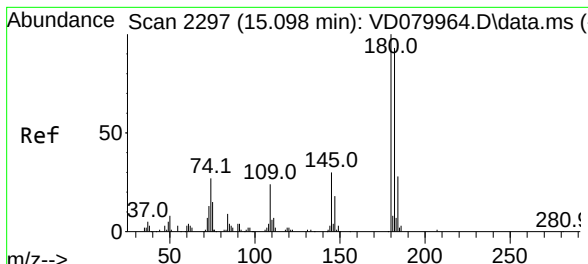
Ion Ratio Lower Upper

75 100

155 87.5 40.6 122.0

157 116.0 53.3 159.9

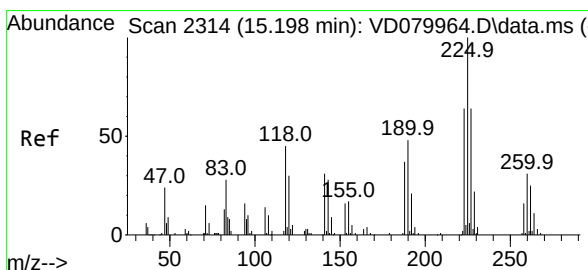
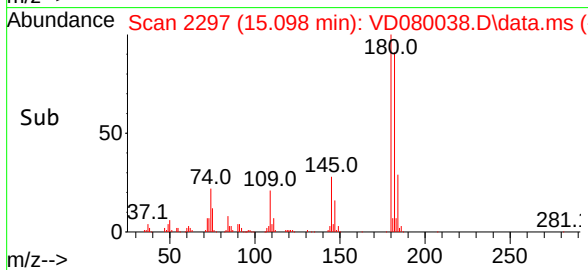
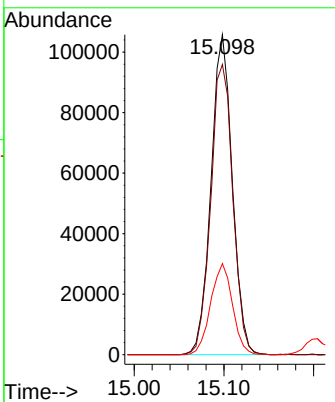
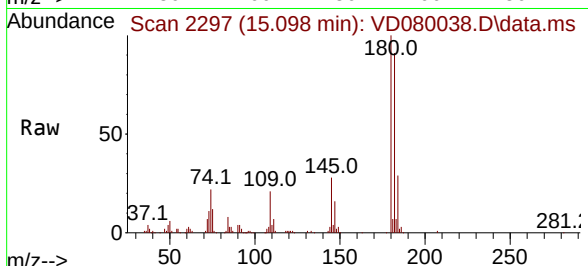




#93
 1,2,4-Trichlorobenzene
 Concen: 59.283 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080038.D
 Acq: 17 Nov 2024 13:28

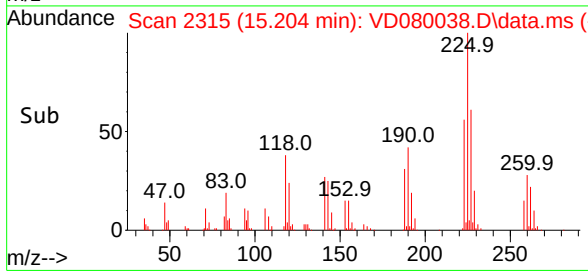
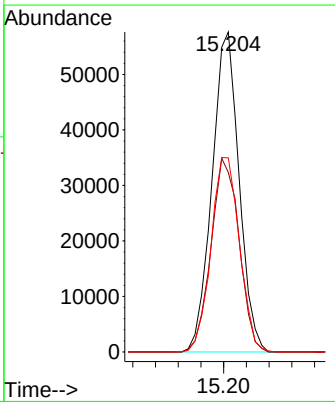
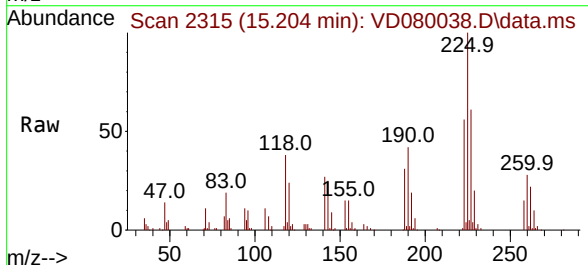
Instrument :
 MSVOA_D
 ClientSampleId :

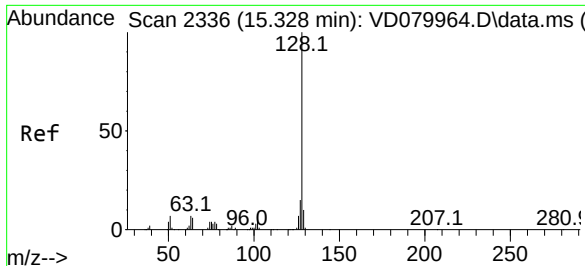
Tgt Ion:	180	Resp:	174302
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.4	142.2
145	29.2	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 59.892 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.006 min
 Lab File: VD080038.D
 Acq: 17 Nov 2024 13:28

Tgt Ion:	225	Resp:	95172
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.5	94.5
227	64.0	30.9	92.5

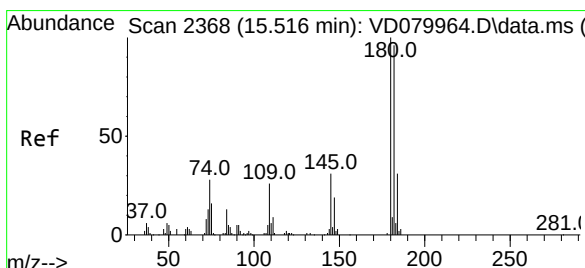
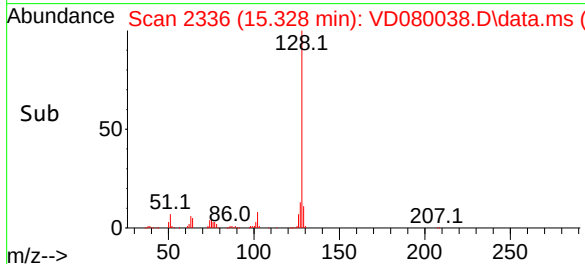
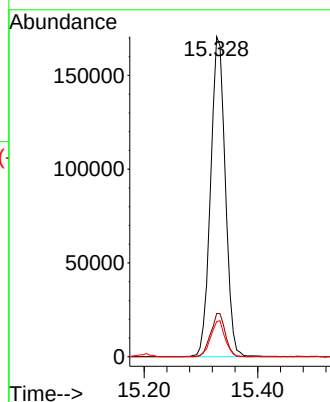
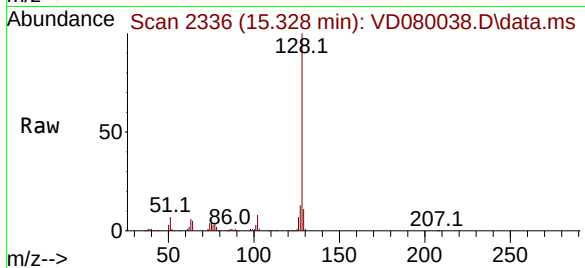




#95
Naphthalene
Concen: 61.180 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 305535
Ion Ratio Lower Upper
128 100
127 13.5 11.8 17.8
129 11.0 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 55.662 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD080038.D
Acq: 17 Nov 2024 13:28

Tgt Ion:180 Resp: 143718
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 31.2 15.7 47.0

