

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080058.D
 Acq On : 18 Nov 2024 09:51
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:42:45 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	175845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	262205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90463	49.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.940%
35) Dibromofluoromethane	7.804	113	94082	53.913	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.820%
50) Toluene-d8	10.269	98	362288	55.083	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.160%
62) 4-Bromofluorobenzene	12.575	95	122559	56.796	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.600%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.934	85	72174	51.140	ug/l 98
3) Chloromethane	2.152	50	46527	44.830	ug/l 97
4) Vinyl Chloride	2.287	62	54184	45.731	ug/l 97
5) Bromomethane	2.693	94	56553	45.537	ug/l 97
6) Chloroethane	2.840	64	36206	42.750	ug/l 97
7) Trichlorofluoromethane	3.175	101	149797	51.474	ug/l 95
8) Diethyl Ether	3.599	74	42441	49.958	ug/l 96
9) 1,1,2-Trichlorotrifluo...	3.969	101	101018	55.567	ug/l 98
10) Methyl Iodide	4.163	142	114469	50.870	ug/l 99
11) Tert butyl alcohol	5.058	59	23131	245.505	ug/l # 83
12) 1,1-Dichloroethene	3.946	96	94809	52.033	ug/l 98
13) Acrolein	3.799	56	34993	193.560	ug/l 99
14) Allyl chloride	4.563	41	123500	47.816	ug/l 97
15) Acrylonitrile	5.258	53	97655	258.754	ug/l 99
16) Acetone	4.022	43	119781	304.921	ug/l 95
17) Carbon Disulfide	4.269	76	306403	52.223	ug/l 98
18) Methyl Acetate	4.563	43	44231	50.769	ug/l 95
19) Methyl tert-butyl Ether	5.322	73	200071	53.822	ug/l 95
20) Methylene Chloride	4.805	84	106824	50.706	ug/l 97
21) trans-1,2-Dichloroethene	5.316	96	107672	53.453	ug/l 95
22) Diisopropyl ether	6.216	45	274840	52.549	ug/l 98
23) Vinyl Acetate	6.157	43	792020	264.312	ug/l 100
24) 1,1-Dichloroethane	6.110	63	176897	50.853	ug/l 98
25) 2-Butanone	7.081	43	141021	274.715	ug/l 99
26) 2,2-Dichloropropane	7.081	77	154180	50.990	ug/l 99
27) cis-1,2-Dichloroethene	7.081	96	119911	51.873	ug/l 96
28) Bromochloromethane	7.428	49	71856	46.417	ug/l 86
29) Tetrahydrofuran	7.446	42	77873	276.941	ug/l 96
30) Chloroform	7.599	83	196141	53.520	ug/l 98
31) Cyclohexane	7.875	56	149798	50.809	ug/l 95
32) 1,1,1-Trichloroethane	7.793	97	167583	53.434	ug/l 99
36) 1,1-Dichloropropene	8.010	75	137895	57.789	ug/l 98
37) Ethyl Acetate	7.169	43	55961	54.562	ug/l 97
38) Carbon Tetrachloride	7.993	117	149546	57.362	ug/l 96
39) Methylcyclohexane	9.275	83	169555	59.683	ug/l 99
40) Benzene	8.251	78	412833	55.505	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	32188	58.153	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	108671	56.456	ug/l	99
43) Isopropyl Acetate	8.363	43	104260	56.077	ug/l	98
44) Trichloroethene	9.028	130	105658	54.897	ug/l	99
45) 1,2-Dichloropropane	9.304	63	99745	55.804	ug/l	99
46) Dibromomethane	9.398	93	59252	56.992	ug/l	96
47) Bromodichloromethane	9.581	83	147223	56.575	ug/l	97
48) Methyl methacrylate	9.381	41	50991	57.448	ug/l	95
49) 1,4-Dioxane	9.387	88	12518	1312.552	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	290646	308.122	ug/l	98
52) Toluene	10.334	92	272513	58.959	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	132147	56.966	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	156470	56.974	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	78335	56.953	ug/l	98
56) Ethyl methacrylate	10.598	69	97292	60.830	ug/l	95
57) 1,3-Dichloropropane	10.881	76	129067	57.683	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	182651	301.942	ug/l	93
59) 2-Hexanone	10.922	43	225753	325.372	ug/l	97
60) Dibromochloromethane	11.069	129	105481	59.580	ug/l	97
61) 1,2-Dibromoethane	11.175	107	76497	58.988	ug/l	98
64) Tetrachloroethene	10.810	164	98994	56.375	ug/l	96
65) Chlorobenzene	11.610	112	294337	54.721	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	105301	56.240	ug/l	96
67) Ethyl Benzene	11.681	91	521593	57.792	ug/l	97
68) m/p-Xylenes	11.792	106	411810	116.753	ug/l	100
69) o-Xylene	12.122	106	186146	58.710	ug/l	95
70) Styrene	12.134	104	333504	58.932	ug/l	99
71) Bromoform	12.298	173	64595	58.512	ug/l #	99
73) Isopropylbenzene	12.422	105	494625	55.196	ug/l	99
74) N-amyl acetate	12.234	43	107015	54.198	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	93217	54.127	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	118980	96.965	ug/l #	100
77) Bromobenzene	12.698	156	127393	54.702	ug/l	95
78) n-propylbenzene	12.763	91	622903	56.246	ug/l	100
79) 2-Chlorotoluene	12.845	91	350353	53.946	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	424889	56.023	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	33885	56.519	ug/l	97
82) 4-Chlorotoluene	12.945	91	379418	54.649	ug/l	98
83) tert-Butylbenzene	13.163	119	368273	56.067	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	433821	56.940	ug/l	100
85) sec-Butylbenzene	13.345	105	549366	56.582	ug/l	99
86) p-Isopropyltoluene	13.457	119	473074	57.644	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	255878	54.259	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	253429	53.508	ug/l	98
89) n-Butylbenzene	13.786	91	440006	56.989	ug/l	99
90) Hexachloroethane	14.051	117	94669	53.810	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	221390	53.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13498	51.831	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	155321	60.235	ug/l	98
94) Hexachlorobutadiene	15.204	225	86408	62.001	ug/l	98
95) Naphthalene	15.333	128	264830	60.465	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	128996	56.965	ug/l	100

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

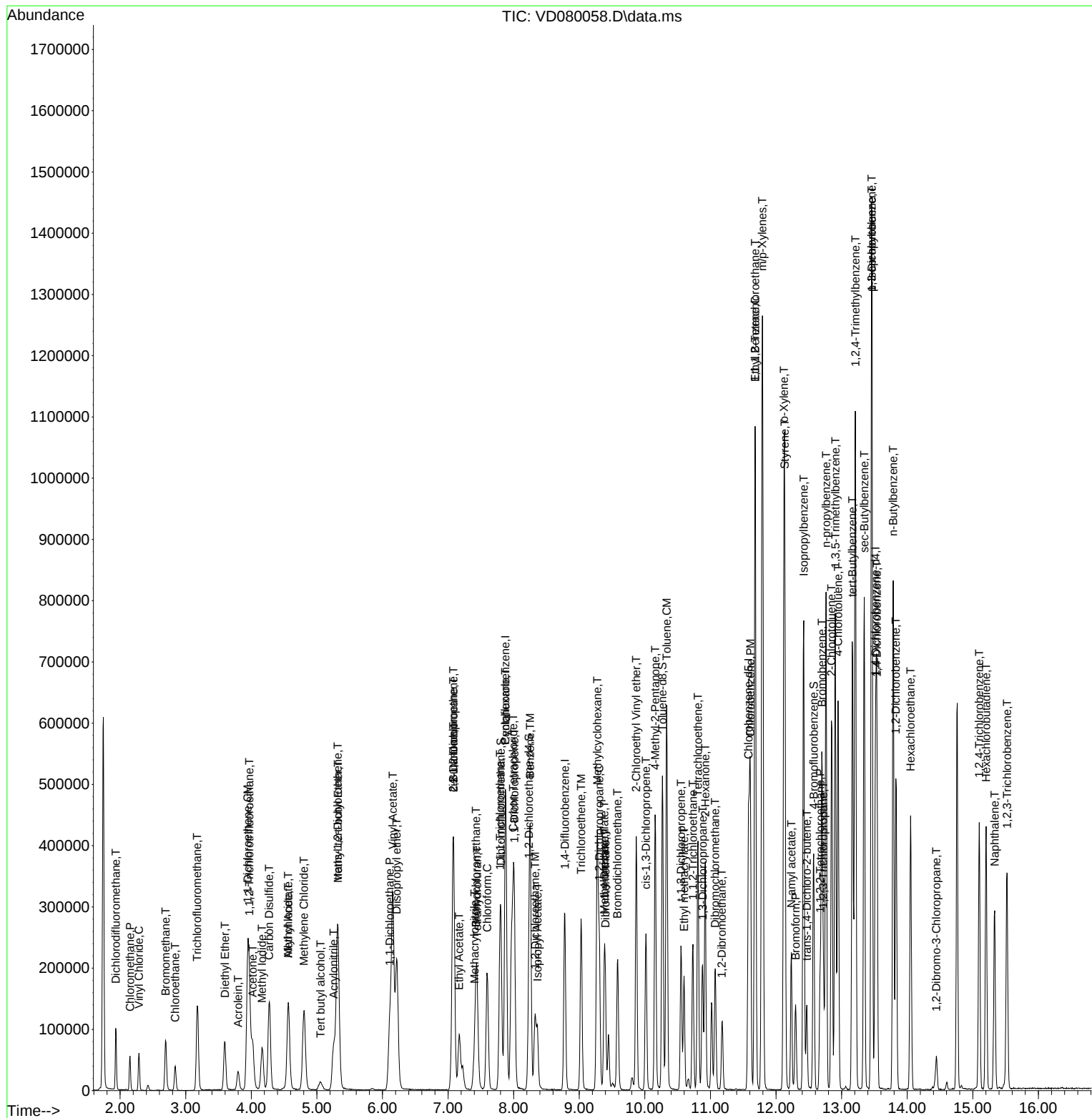
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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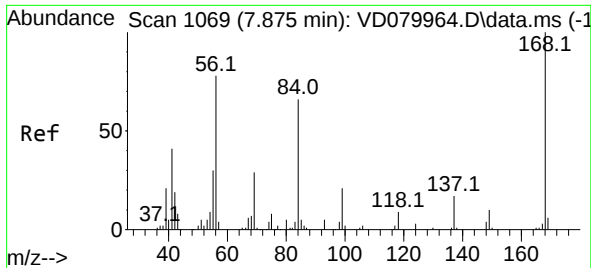
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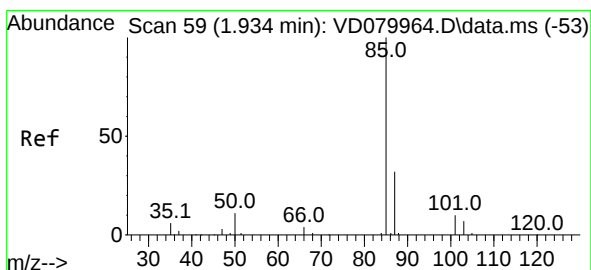
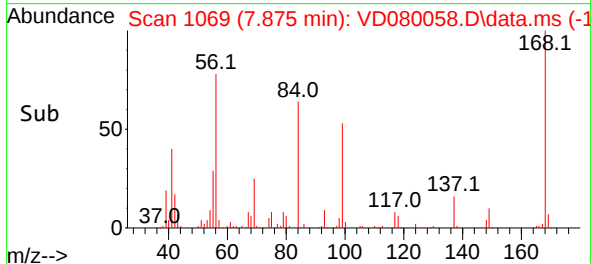
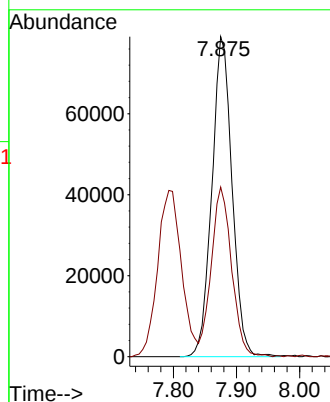
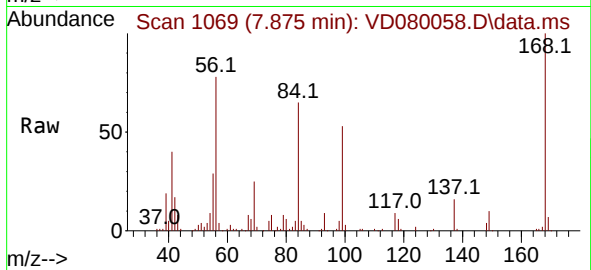




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080058.D
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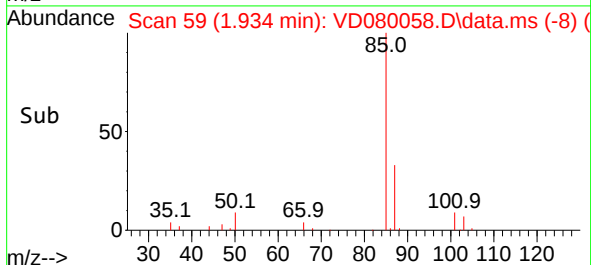
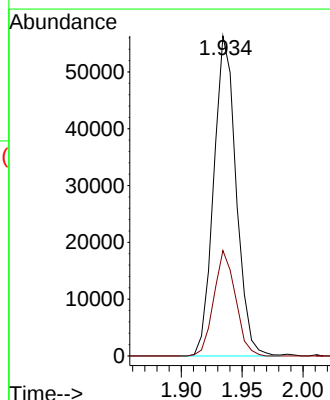
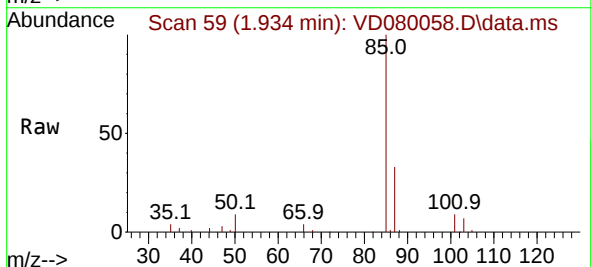
Instrument :
MSVOA_D
ClientSampleId :

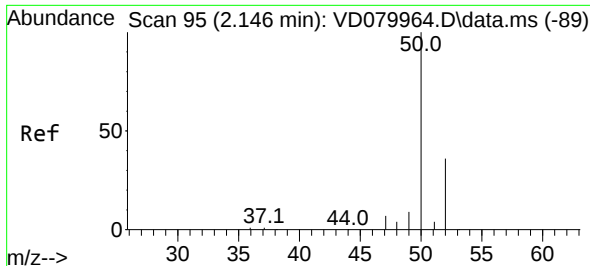
Tgt Ion:168 Resp: 175845
Ion Ratio Lower Upper
168 100
99 52.8 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 51.140 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 85 Resp: 72174
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

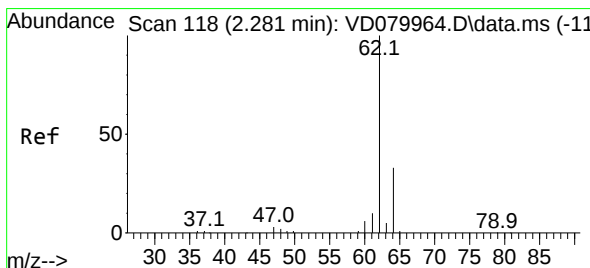
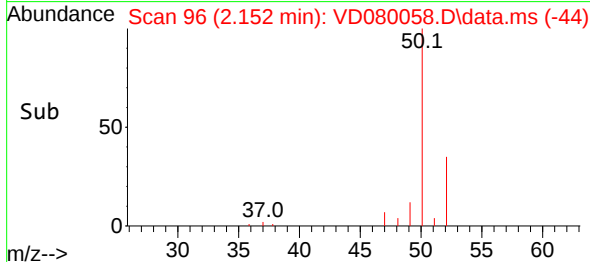
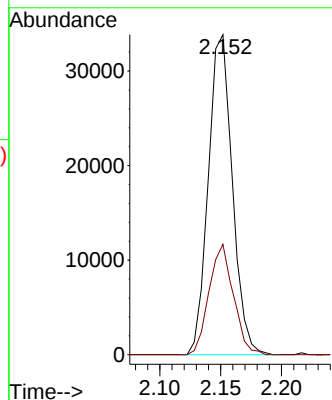
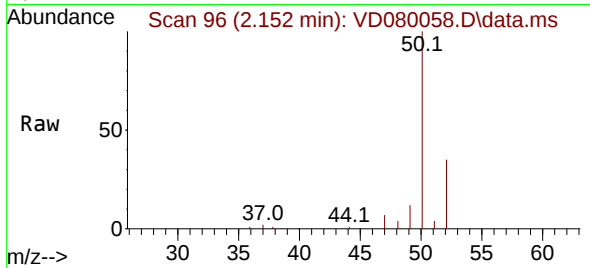




#3
Chloromethane
Concen: 44.830 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

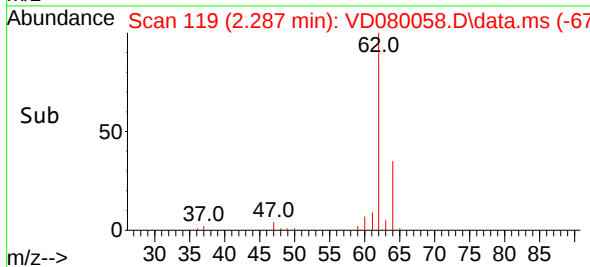
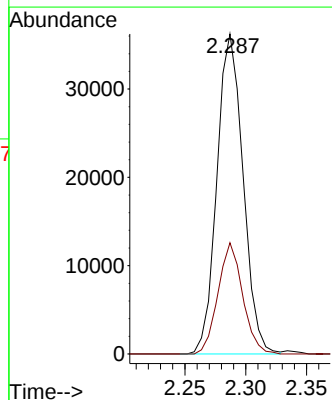
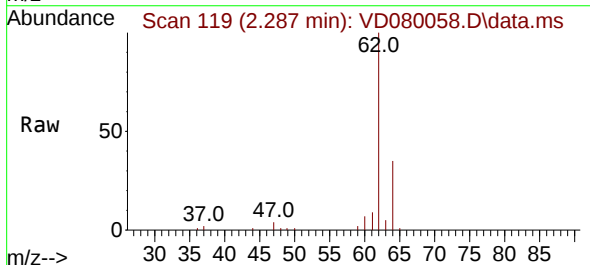
Instrument :
MSVOA_D
ClientSampleId :

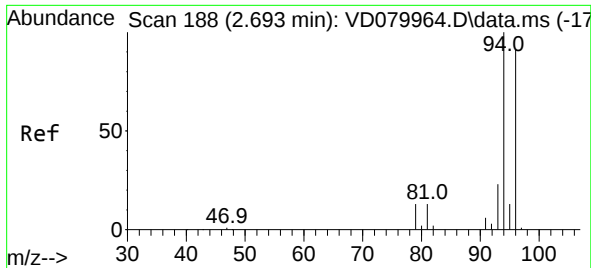
Tgt Ion: 50 Resp: 46527
Ion Ratio Lower Upper
50 100
52 34.5 28.8 43.2



#4
Vinyl Chloride
Concen: 45.731 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 62 Resp: 54184
Ion Ratio Lower Upper
62 100
64 34.8 26.5 39.7

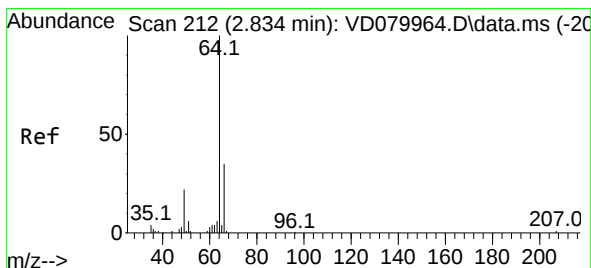
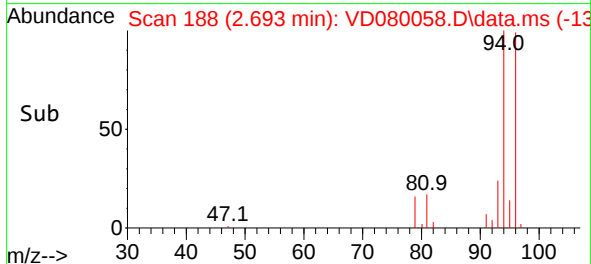
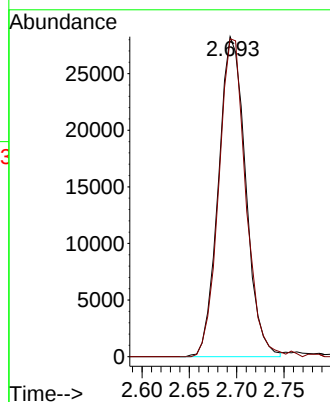
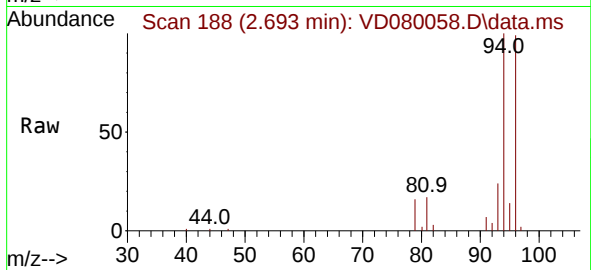




#5
Bromomethane
Concen: 45.537 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

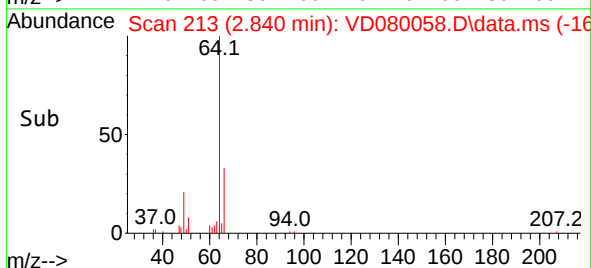
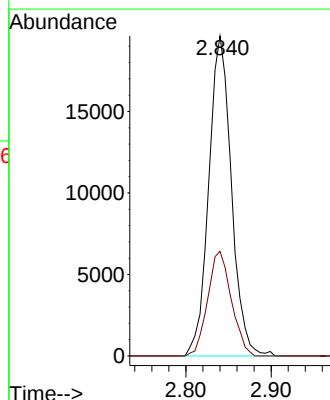
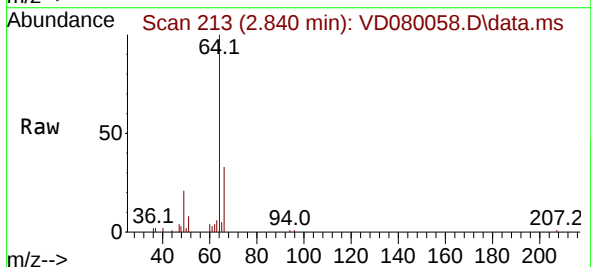
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MSVOA_D
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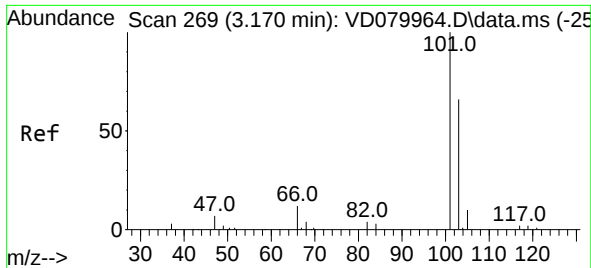
Tgt Ion: 94 Resp: 56553
Ion Ratio Lower Upper
94 100
96 98.6 76.2 114.2



#6
Chloroethane
Concen: 42.750 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 64 Resp: 36206
Ion Ratio Lower Upper
64 100
66 32.7 27.6 41.4

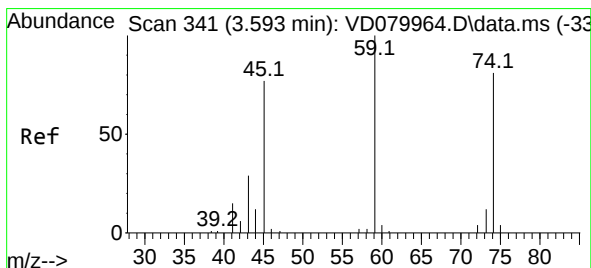
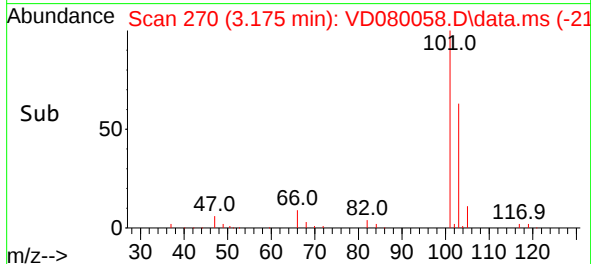
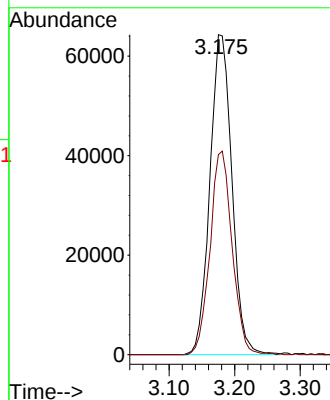
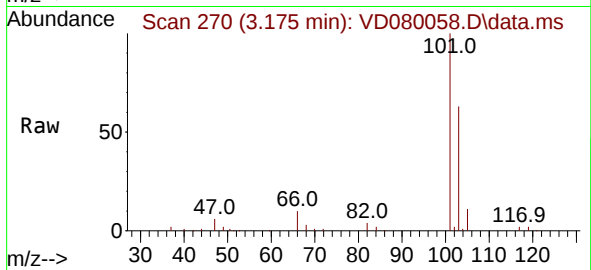




#7
 Trichlorofluoromethane
 Concen: 51.474 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VD080058.D
 Acq: 18 Nov 2024 09:51

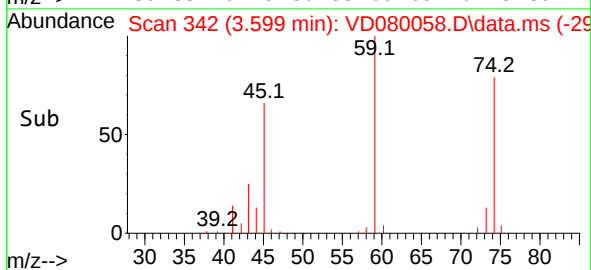
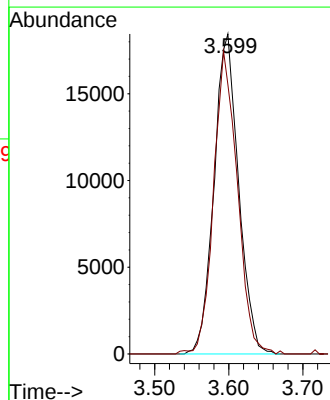
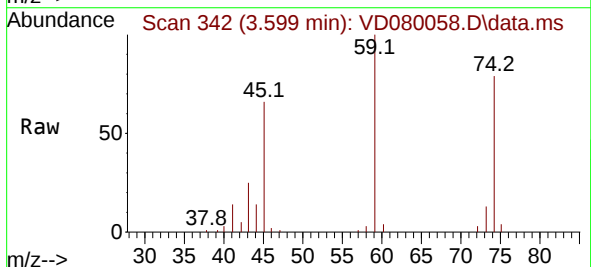
Instrument :
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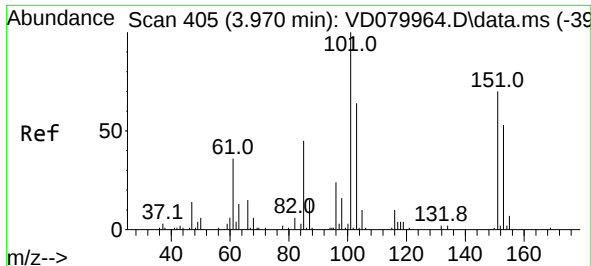
Tgt Ion:101 Resp: 149797
 Ion Ratio Lower Upper
 101 100
 103 62.5 53.0 79.6



#8
 Diethyl Ether
 Concen: 49.958 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 42441
 Ion Ratio Lower Upper
 74 100
 45 92.0 47.8 143.3

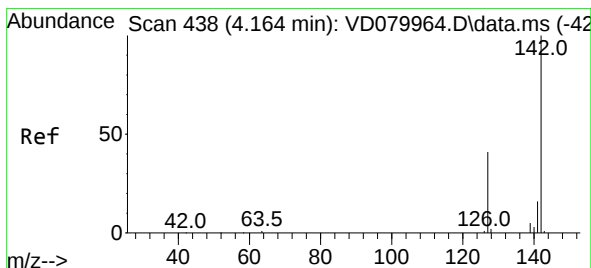
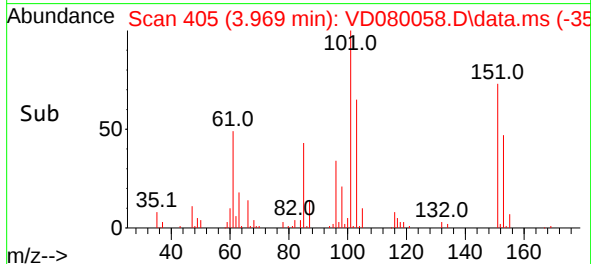
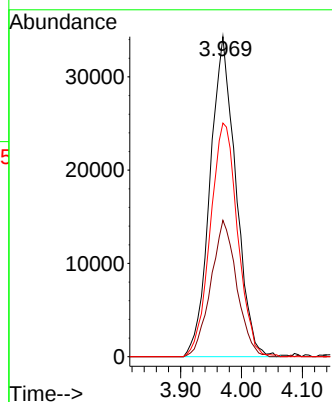
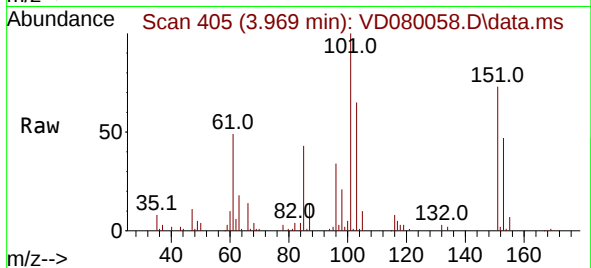




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.567 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

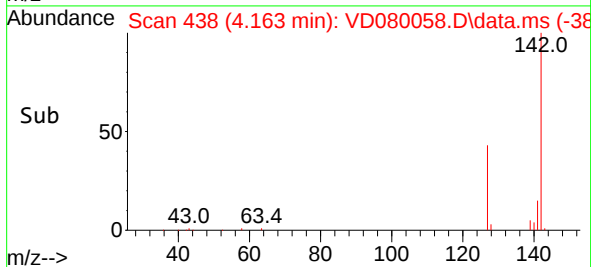
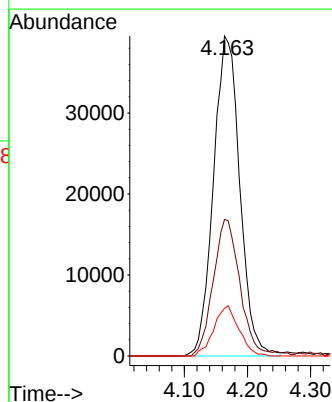
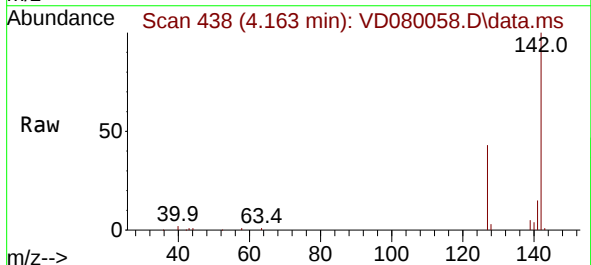
Instrument :
MSVOA_D
ClientSampleId :

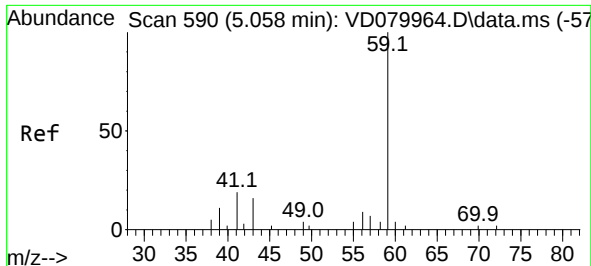
Tgt Ion:101 Resp: 101018
Ion Ratio Lower Upper
101 100
85 42.8 35.3 52.9
151 77.2 60.3 90.5



#10
Methyl Iodide
Concen: 50.870 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion:142 Resp: 114469
Ion Ratio Lower Upper
142 100
127 43.6 35.3 52.9
141 14.9 12.2 18.2

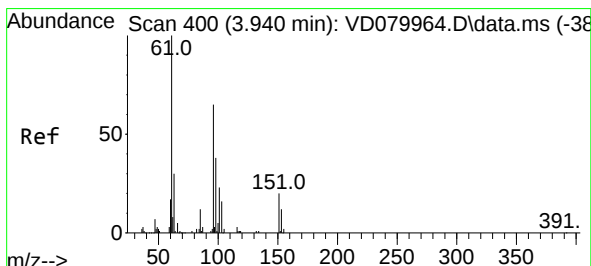
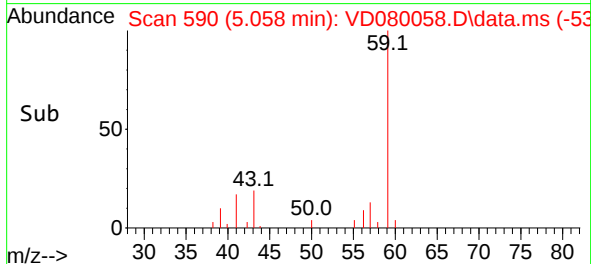
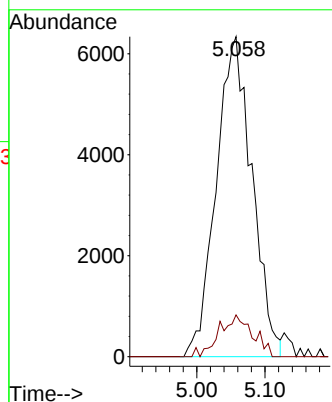
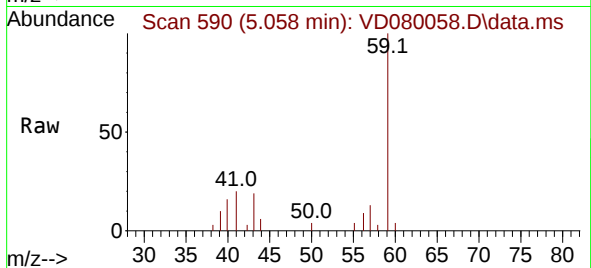




#11
Tert butyl alcohol
Concen: 245.505 ug/l
RT: 5.058 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

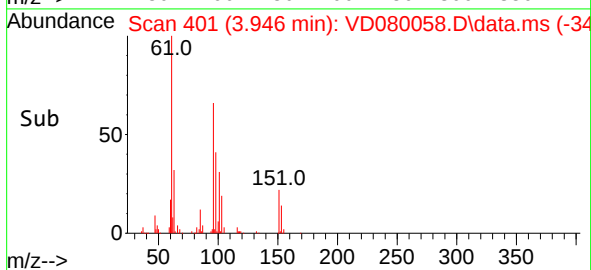
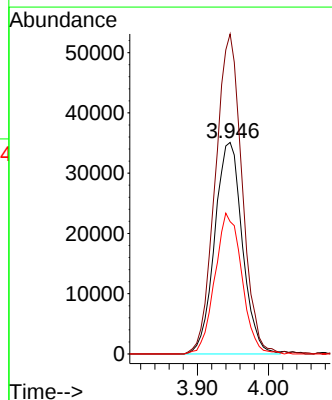
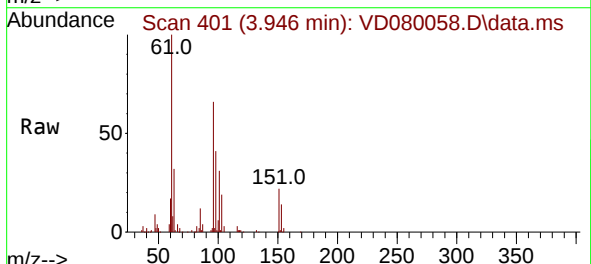
Instrument :
MSVOA_D
ClientSampleId :

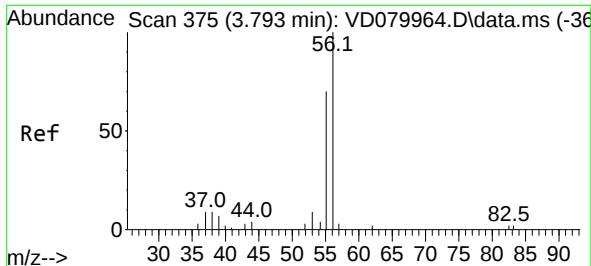
Tgt Ion: 59 Resp: 23131
Ion Ratio Lower Upper
59 100
57 11.9 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 52.033 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 96 Resp: 94809
Ion Ratio Lower Upper
96 100
61 151.3 122.6 184.0
98 62.5 47.1 70.7

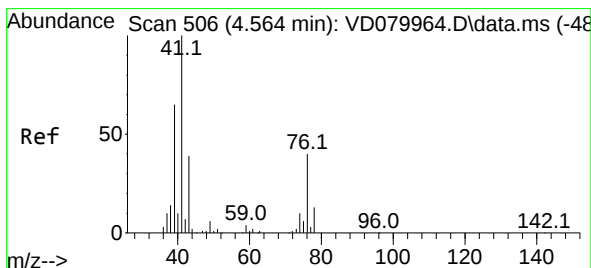
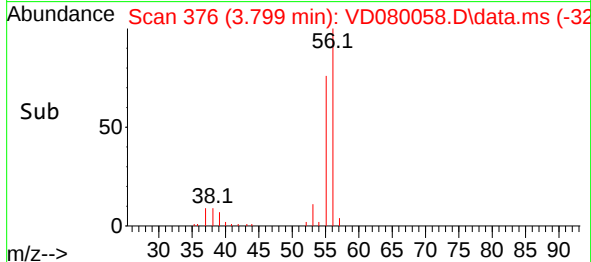
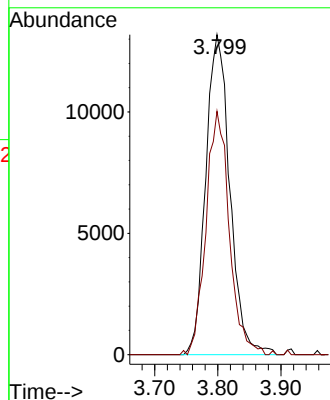
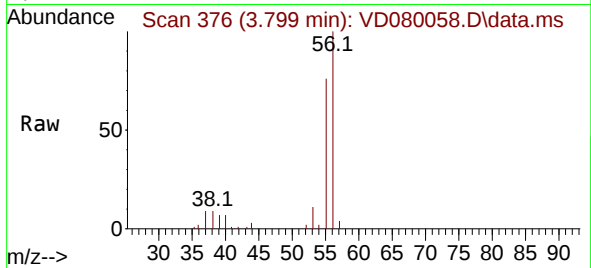




#13
Acrolein
Concen: 193.560 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

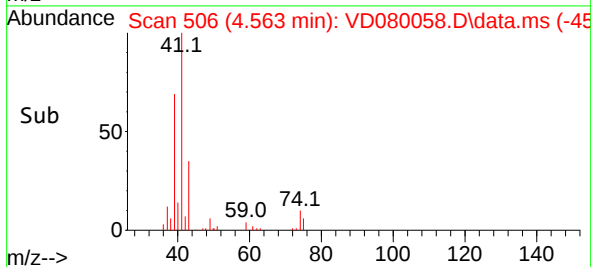
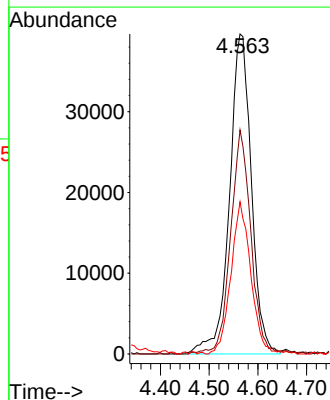
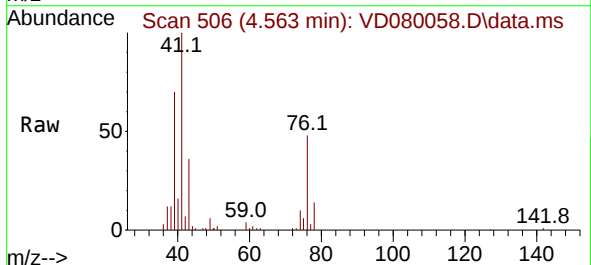
Instrument :
MSVOA_D
ClientSampleId :

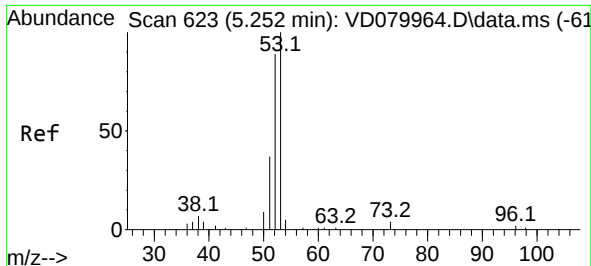
Tgt Ion: 56 Resp: 34993
Ion Ratio Lower Upper
56 100
55 73.4 58.2 87.2



#14
Allyl chloride
Concen: 47.816 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

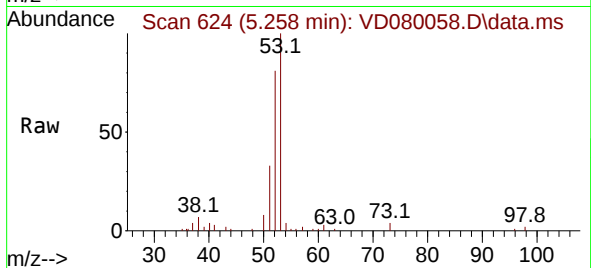
Tgt Ion: 41 Resp: 123500
Ion Ratio Lower Upper
41 100
39 64.9 53.3 79.9
76 43.1 32.0 48.0



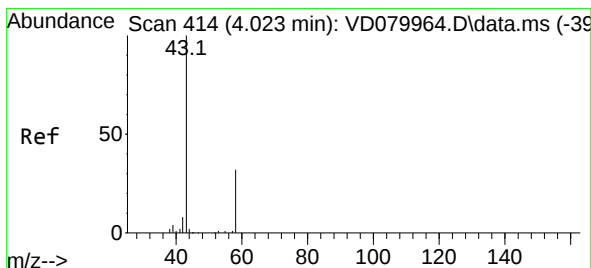
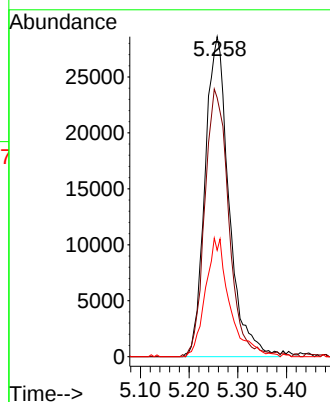
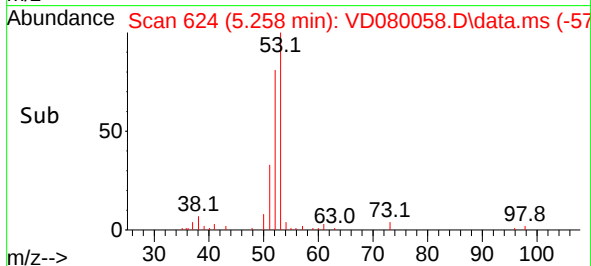


#15
Acrylonitrile
Concen: 258.754 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_D
ClientSampleId :

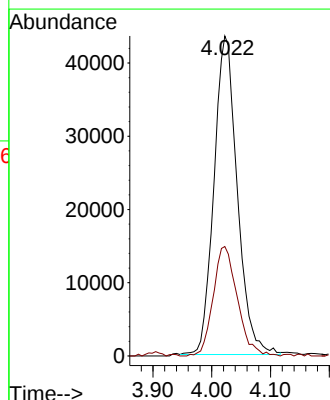
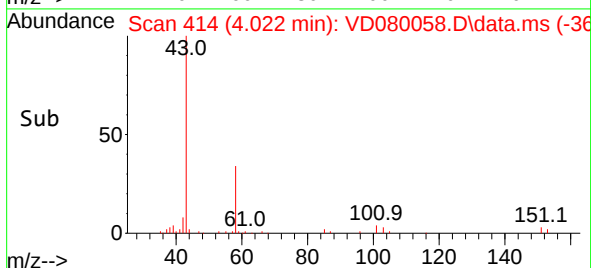
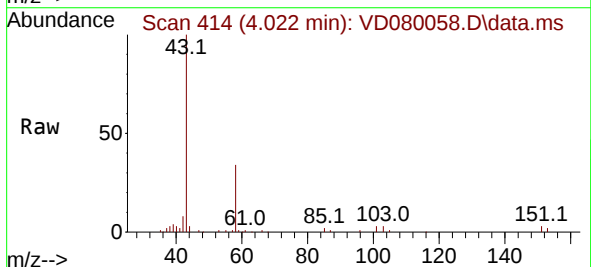


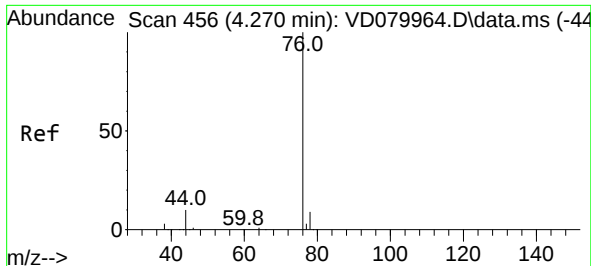
Tgt Ion: 53 Resp: 97655
Ion Ratio Lower Upper
53 100
52 84.2 66.2 99.4
51 37.5 30.3 45.5



#16
Acetone
Concen: 304.921 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 43 Resp: 119781
Ion Ratio Lower Upper
43 100
58 34.4 25.4 38.2

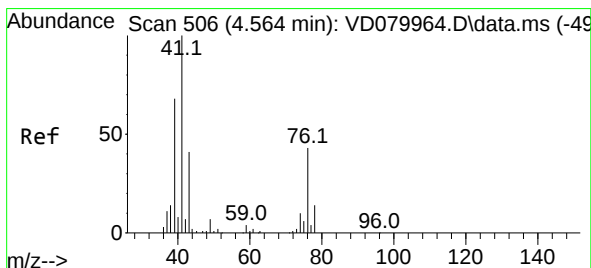
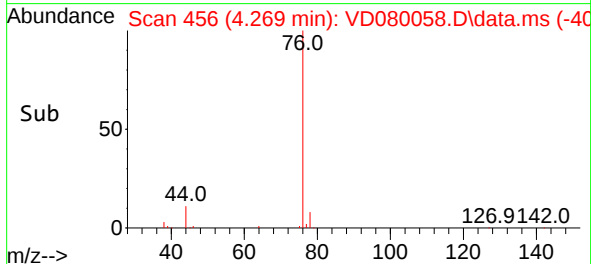
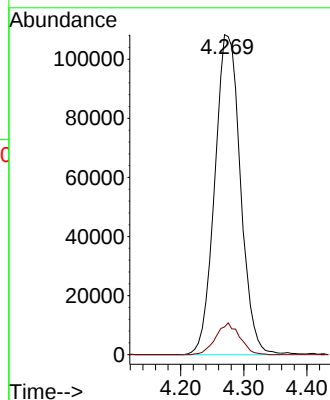
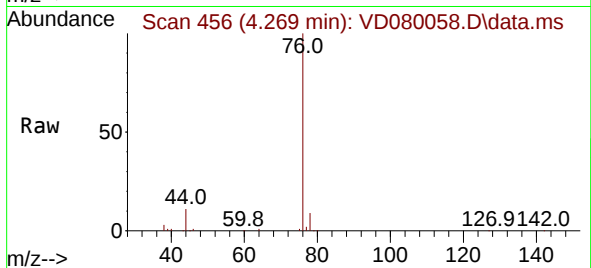




#17
Carbon Disulfide
Concen: 52.223 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

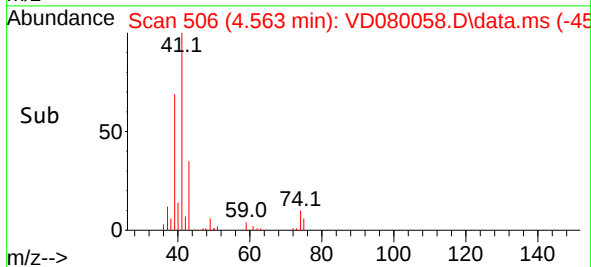
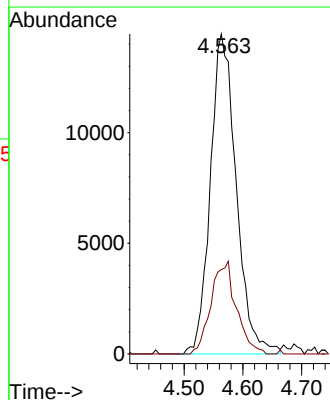
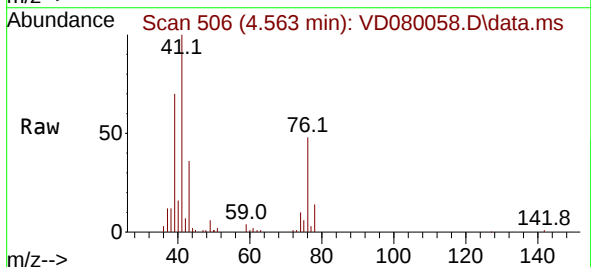
Instrument :
MSVOA_D
ClientSampleId :

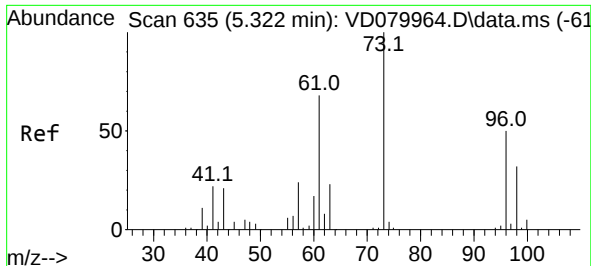
Tgt Ion: 76 Resp: 306403
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 50.769 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 43 Resp: 44231
Ion Ratio Lower Upper
43 100
74 28.3 20.5 30.7





#19

Methyl tert-butyl Ether

Concen: 53.822 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

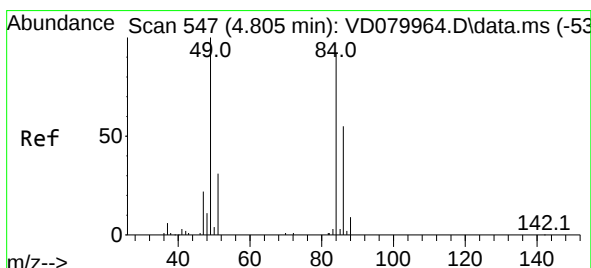
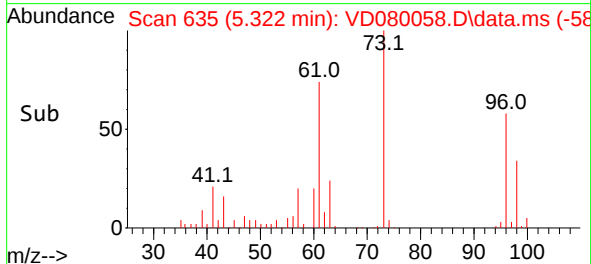
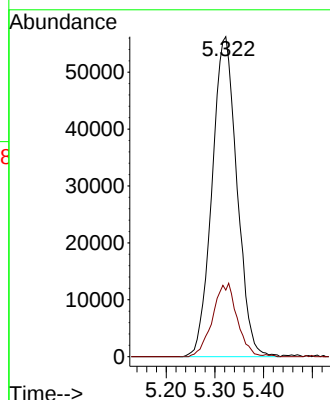
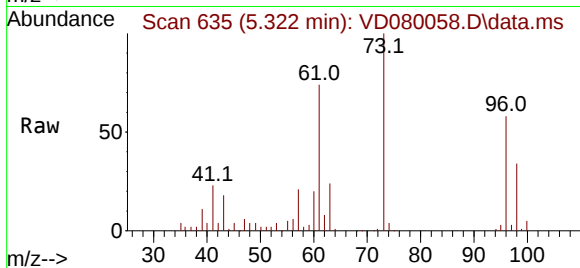
ClientSampleId :

Tgt Ion: 73 Resp: 200071

Ion Ratio Lower Upper

73 100

57 20.8 18.8 28.2



#20

Methylene Chloride

Concen: 50.706 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Tgt Ion: 84 Resp: 106824

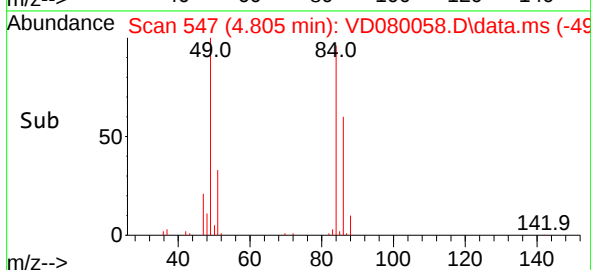
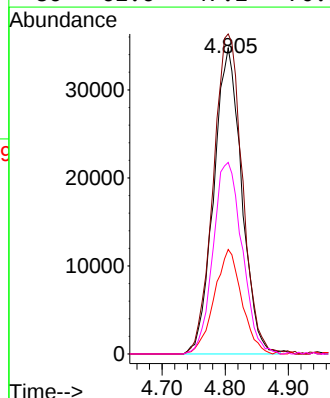
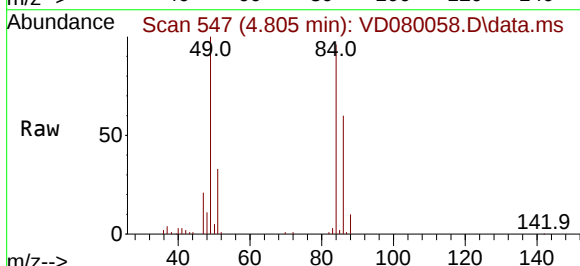
Ion Ratio Lower Upper

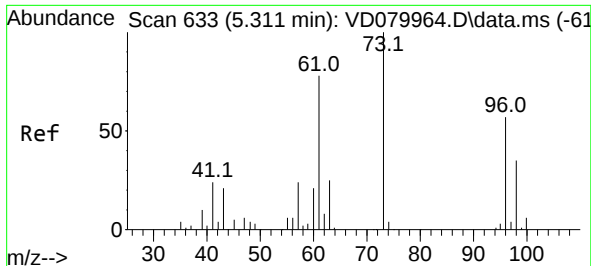
84 100

49 104.6 86.5 129.7

51 34.1 26.9 40.3

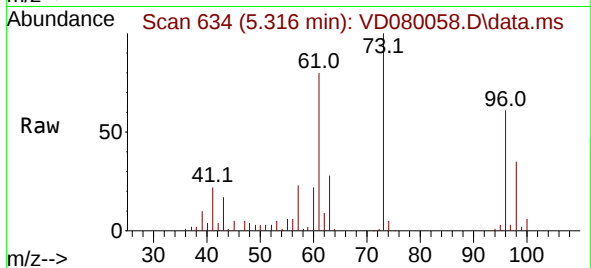
86 62.6 47.2 70.8



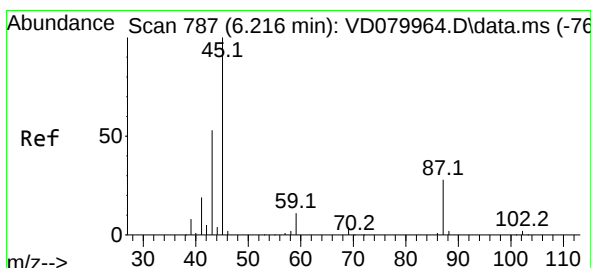
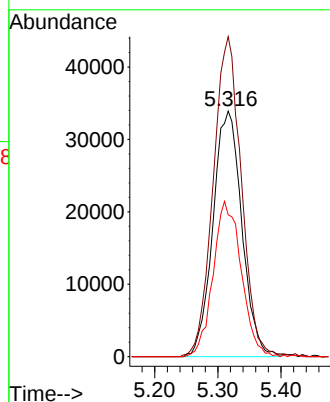
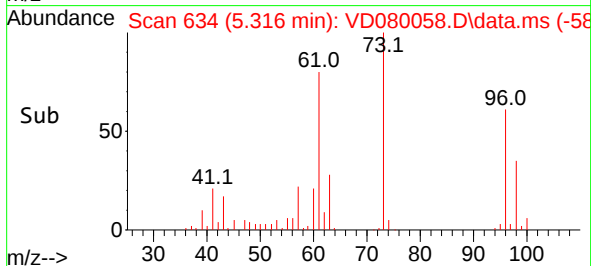


#21
trans-1,2-Dichloroethene
Concen: 53.453 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.005 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_D
ClientSampleId :

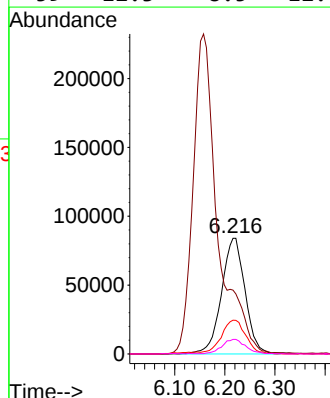
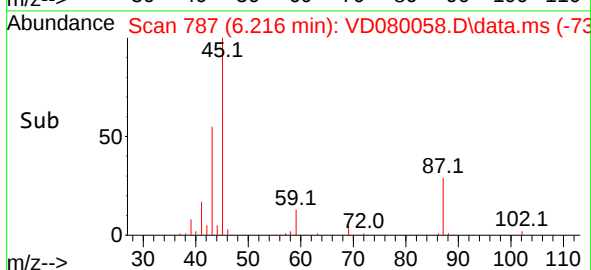
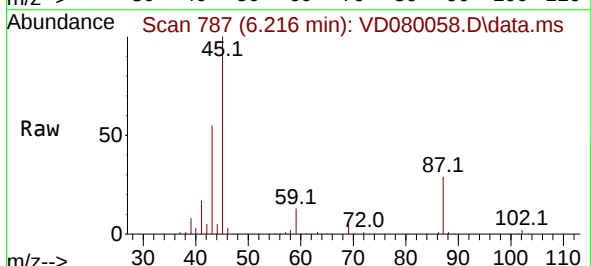


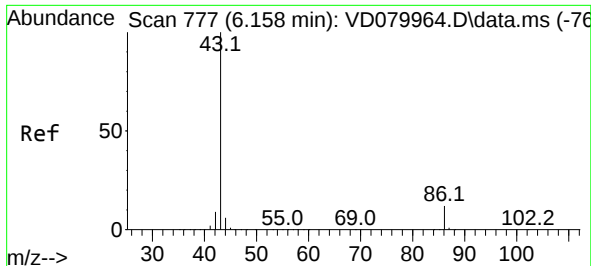
Tgt Ion: 96 Resp: 107672
Ion Ratio Lower Upper
96 100
61 130.3 109.4 164.0
98 57.8 49.8 74.8



#22
Diisopropyl ether
Concen: 52.549 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 45 Resp: 274840
Ion Ratio Lower Upper
45 100
43 54.1 42.6 63.8
87 29.0 22.7 34.1
59 12.3 8.5 12.7

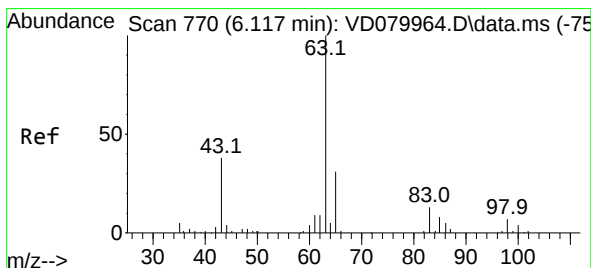
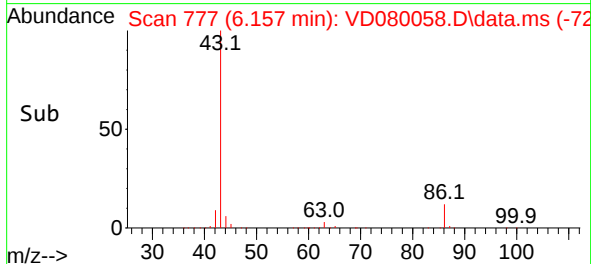
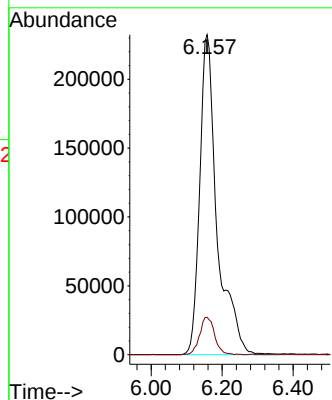
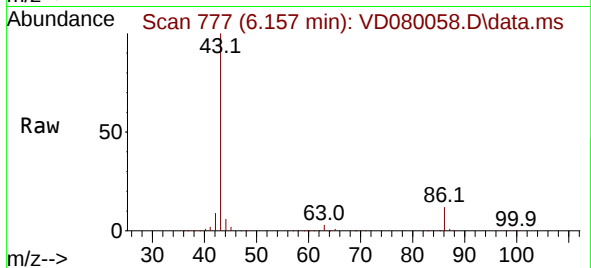




#23
 Vinyl Acetate
 Concen: 264.312 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: VD080058.D
 Acq: 18 Nov 2024 09:51

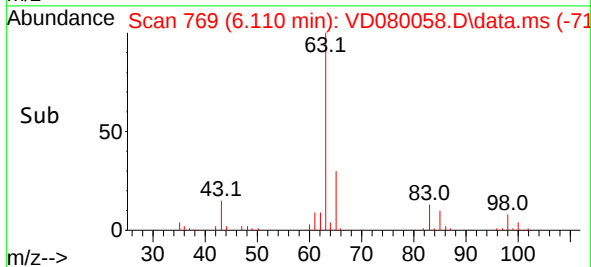
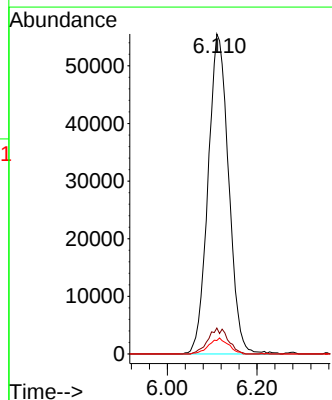
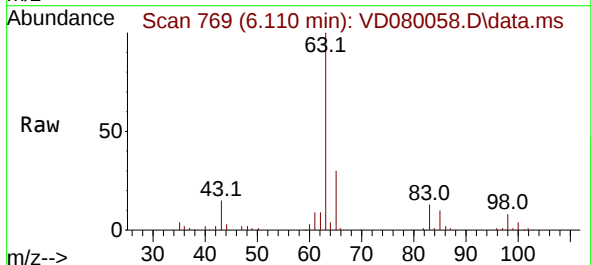
Instrument :
 MSVOA_D
 ClientSampleId :

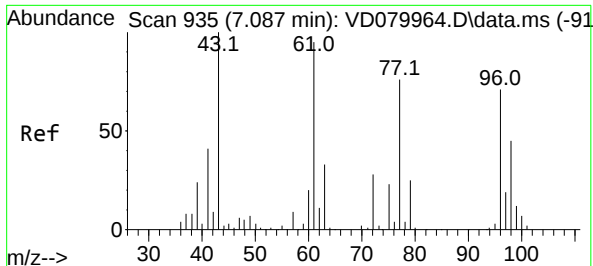
Tgt Ion: 43 Resp: 792020
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 50.853 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.007 min
 Lab File: VD080058.D
 Acq: 18 Nov 2024 09:51

Tgt Ion: 63 Resp: 176897
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.6
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 274.715 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

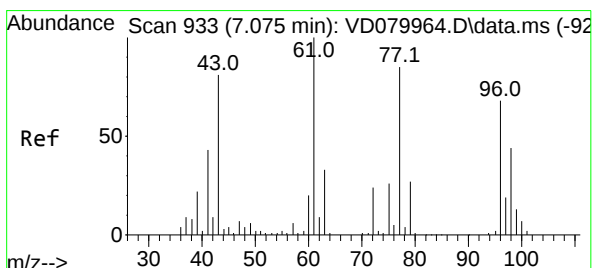
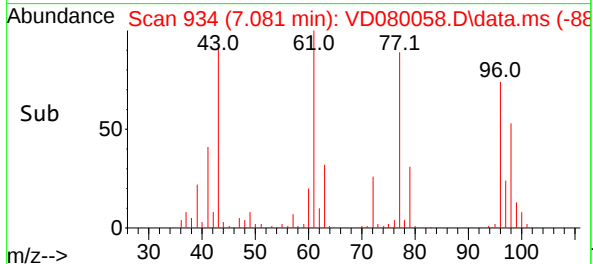
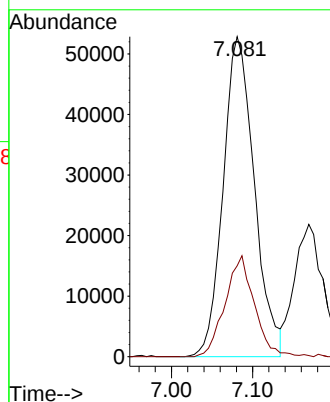
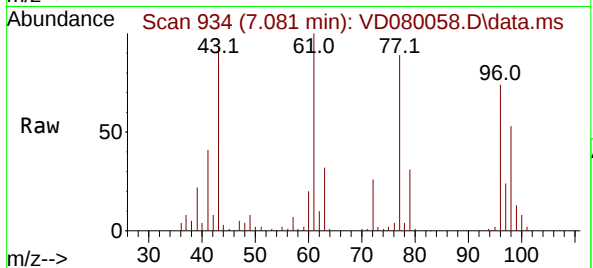
ClientSampleId :

Tgt Ion: 43 Resp: 141021

Ion Ratio Lower Upper

43 100

72 28.4 22.3 33.5



#26

2,2-Dichloropropane

Concen: 50.990 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD080058.D

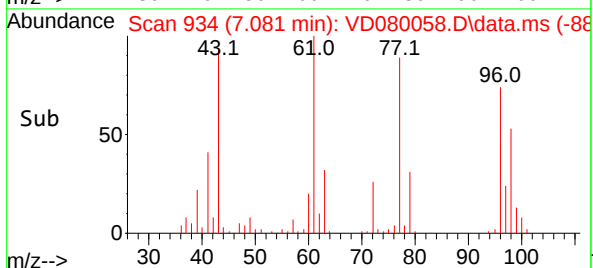
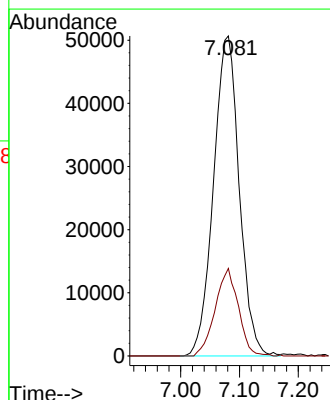
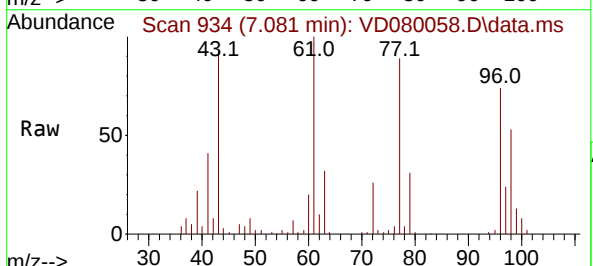
Acq: 18 Nov 2024 09:51

Tgt Ion: 77 Resp: 154180

Ion Ratio Lower Upper

77 100

97 24.6 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 51.873 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

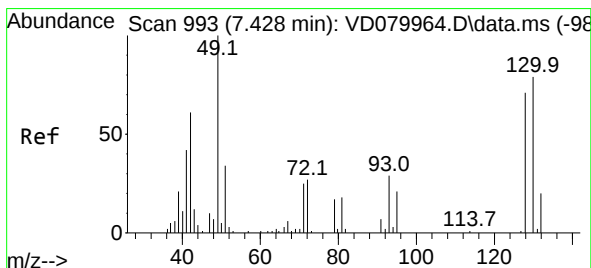
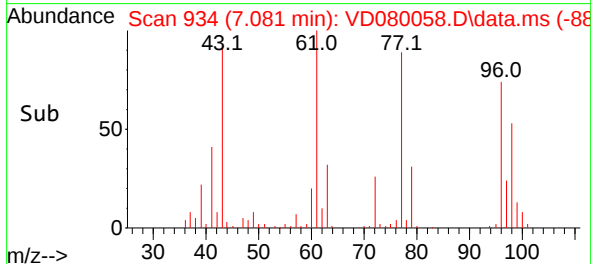
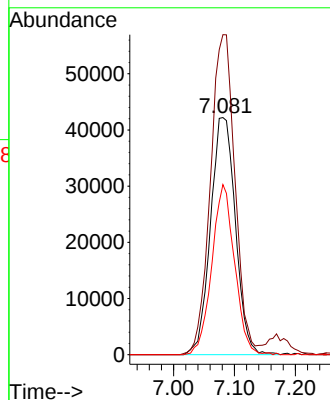
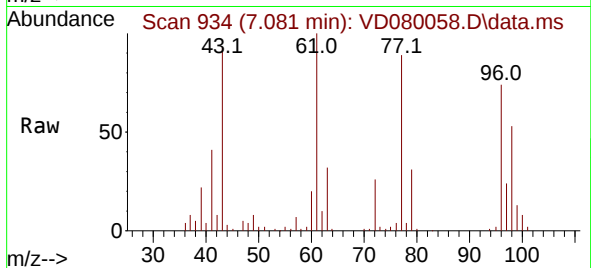
Tgt Ion: 96 Resp: 119911

Ion Ratio Lower Upper

96 100

61 133.1 0.0 278.2

98 65.6 0.0 127.8



#28

Bromochloromethane

Concen: 46.417 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

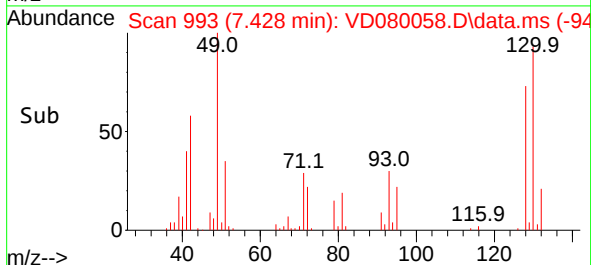
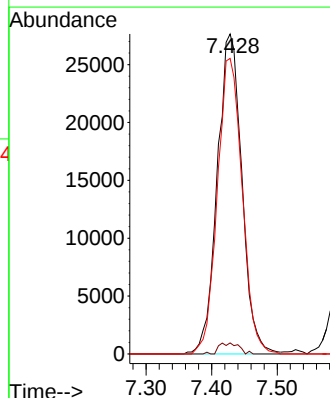
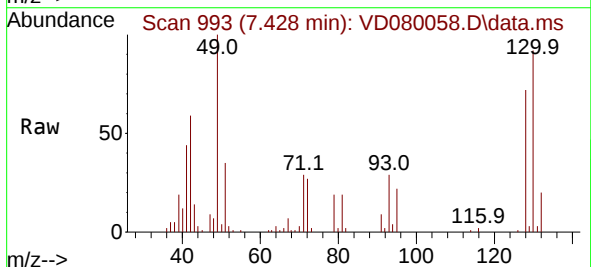
Tgt Ion: 49 Resp: 71856

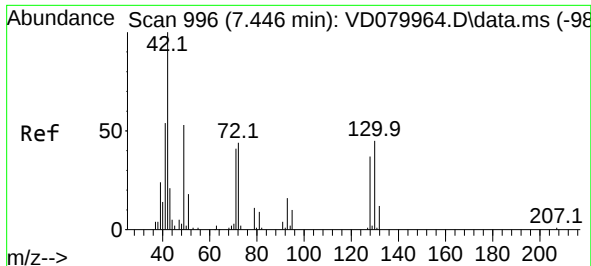
Ion Ratio Lower Upper

49 100

129 1.2 0.0 2.2

130 93.2 64.6 97.0





#29

Tetrahydrofuran

Concen: 276.941 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

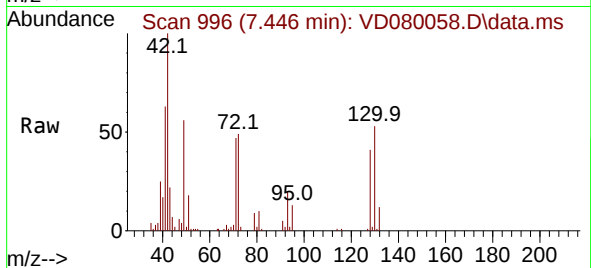
Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :



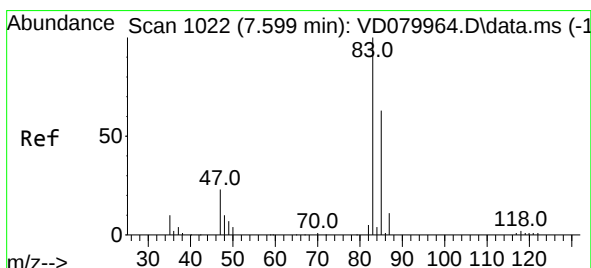
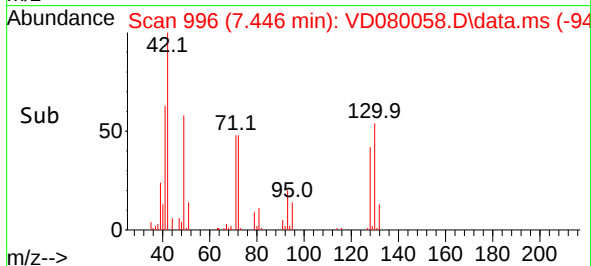
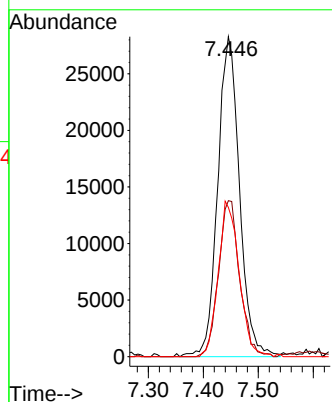
Tgt Ion: 42 Resp: 77873

Ion Ratio Lower Upper

42 100

72 47.4 36.7 55.1

71 46.6 34.4 51.6



#30

Chloroform

Concen: 53.520 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD080058.D

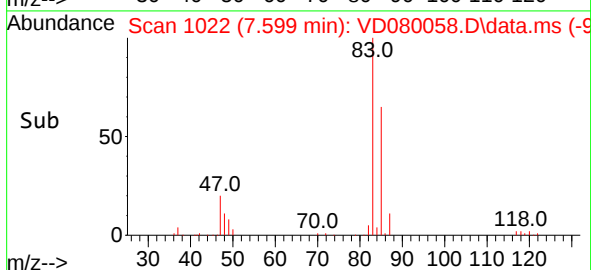
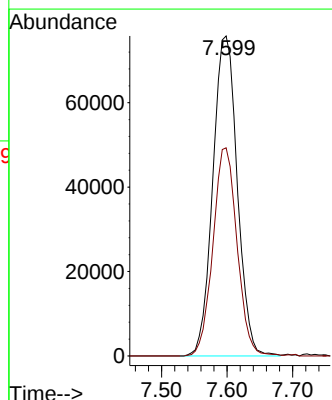
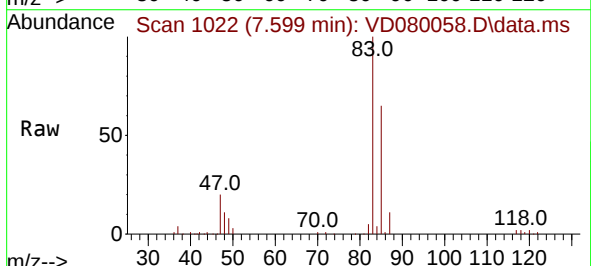
Acq: 18 Nov 2024 09:51

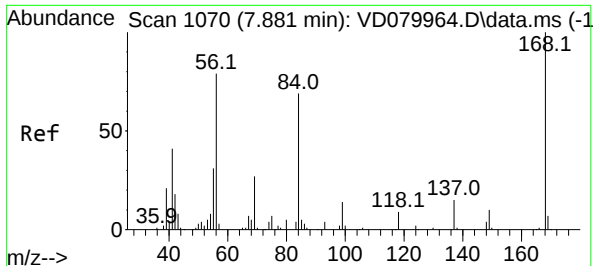
Tgt Ion: 83 Resp: 196141

Ion Ratio Lower Upper

83 100

85 65.0 50.8 76.2





#31

Cyclohexane

Concen: 50.809 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

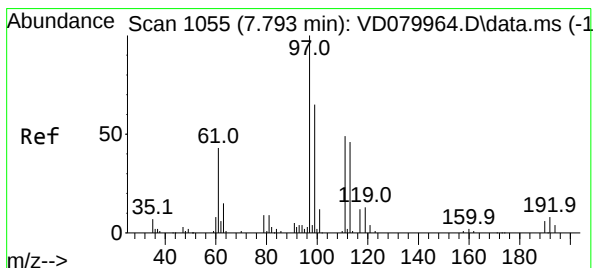
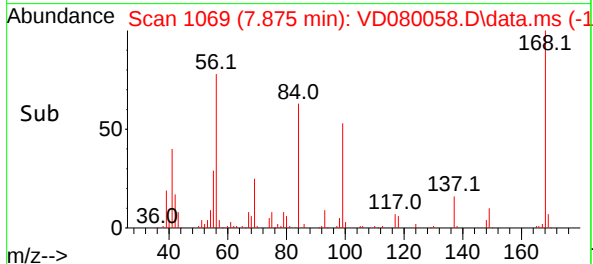
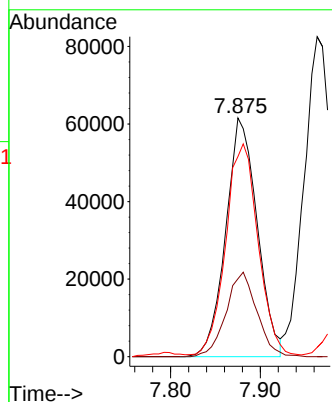
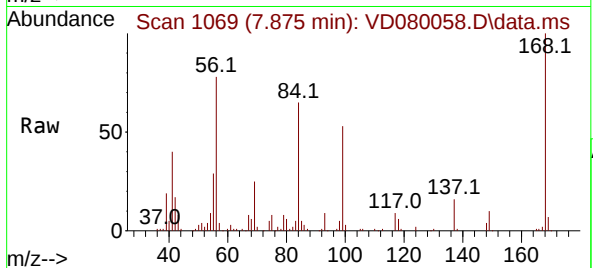
Tgt Ion: 56 Resp: 149798

Ion Ratio Lower Upper

56 100

69 32.7 27.3 40.9

84 82.8 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 53.434 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

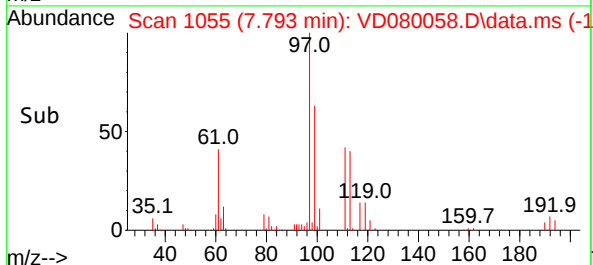
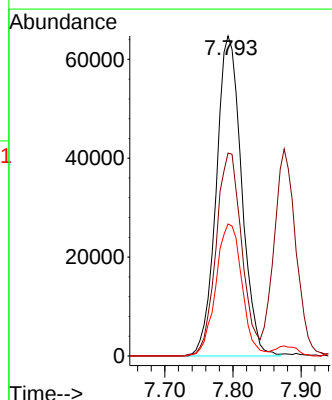
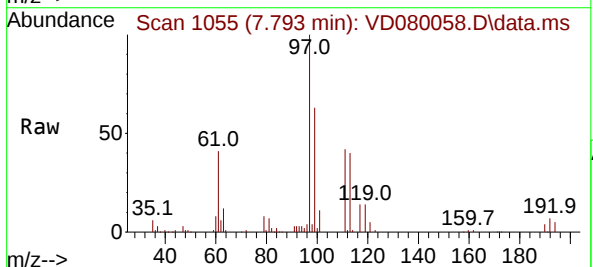
Tgt Ion: 97 Resp: 167583

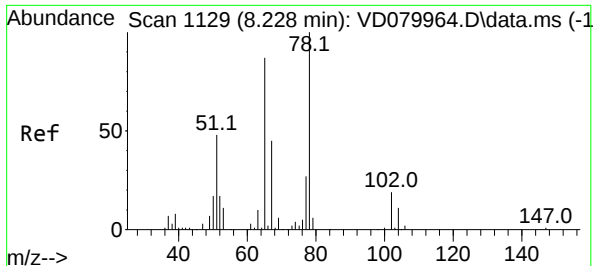
Ion Ratio Lower Upper

97 100

99 64.4 50.7 76.1

61 42.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.966 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

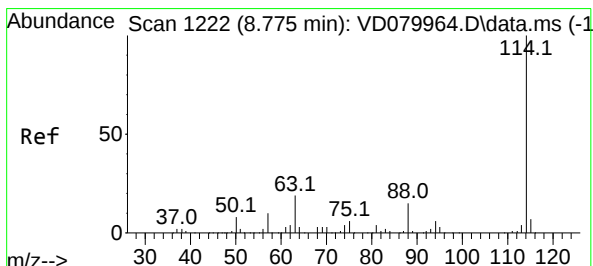
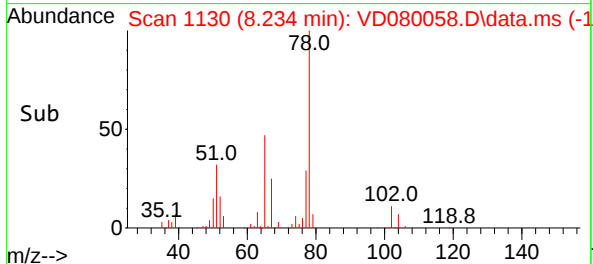
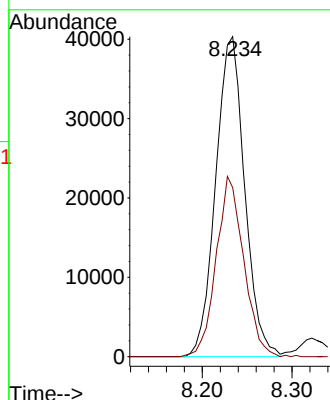
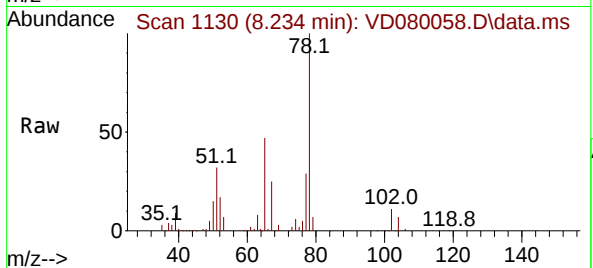
ClientSampleId :

Tgt Ion: 65 Resp: 90463

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

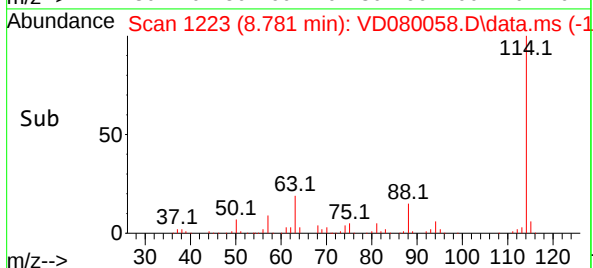
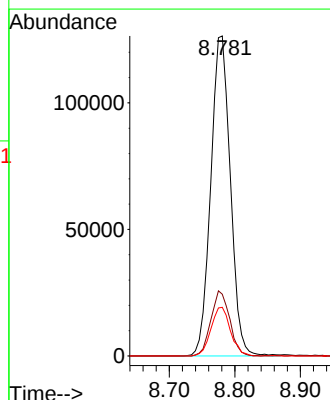
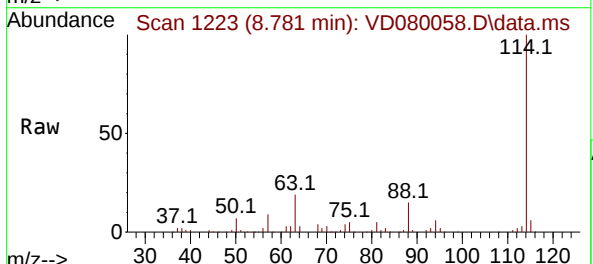
Tgt Ion: 114 Resp: 262205

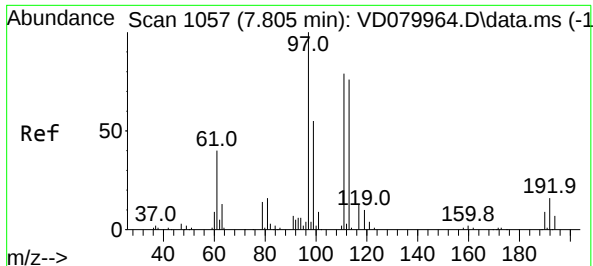
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.913 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD080058.D

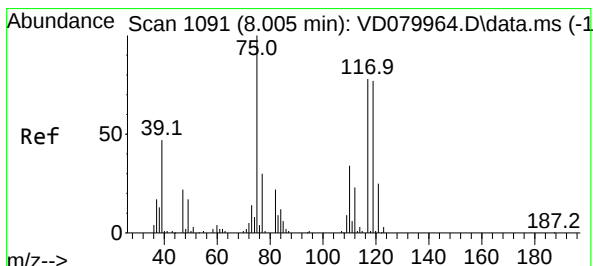
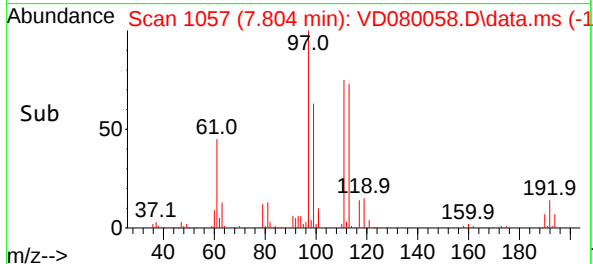
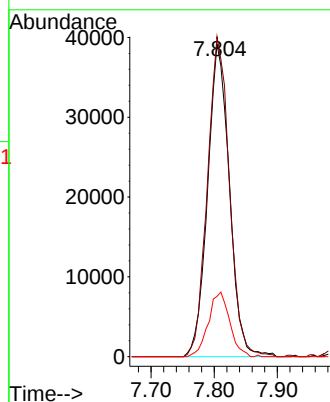
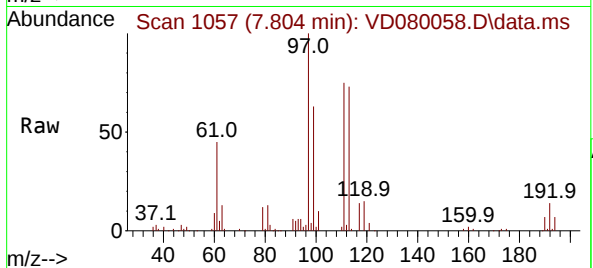
Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	94082
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.5	123.7
192	20.2	16.6	25.0



#36

1,1-Dichloropropene

Concen: 57.789 ug/l

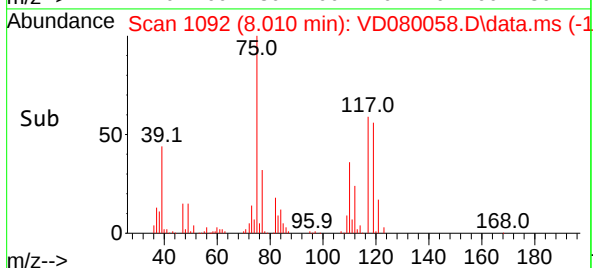
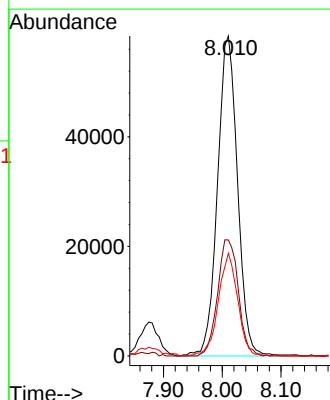
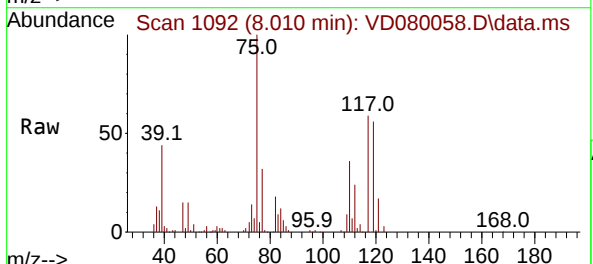
RT: 8.010 min Scan# 1092

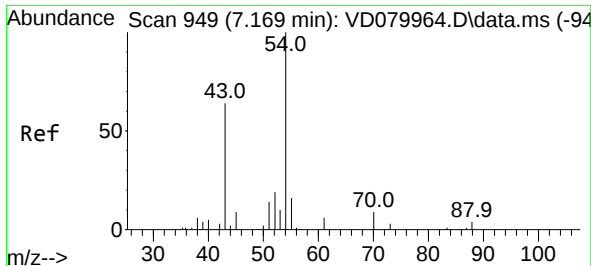
Delta R.T. 0.005 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Tgt Ion:	75	Resp:	137895
Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.4	55.0
77	31.1	25.6	38.4





#37

Ethyl Acetate

Concen: 54.562 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD080058.D

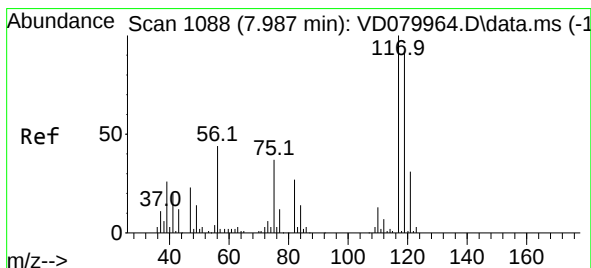
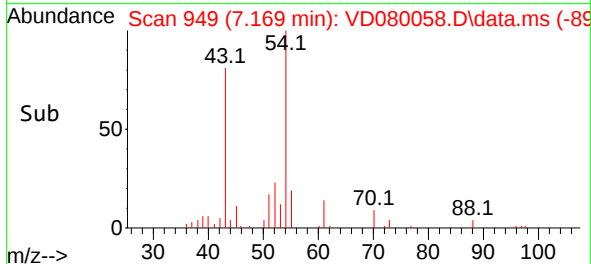
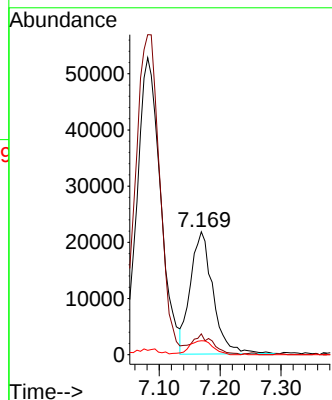
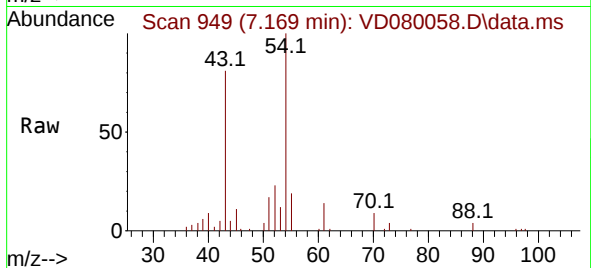
Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 55961
Ion Ratio	Lower Upper
43	100
61	15.9 11.0 16.4
70	12.0 9.4 14.2



#38

Carbon Tetrachloride

Concen: 57.362 ug/l

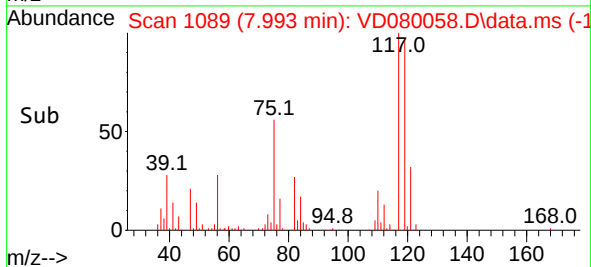
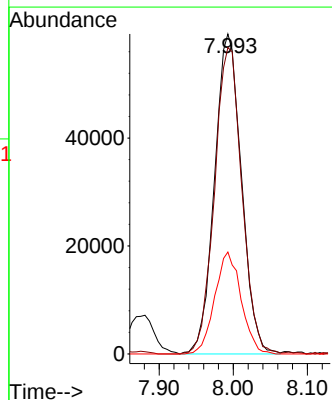
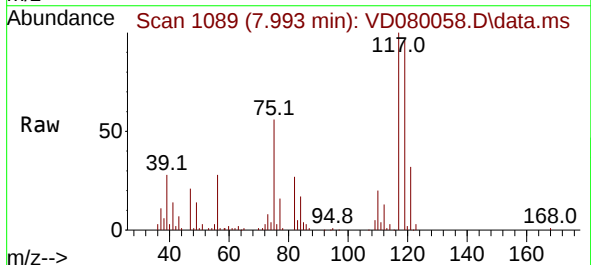
RT: 7.993 min Scan# 1089

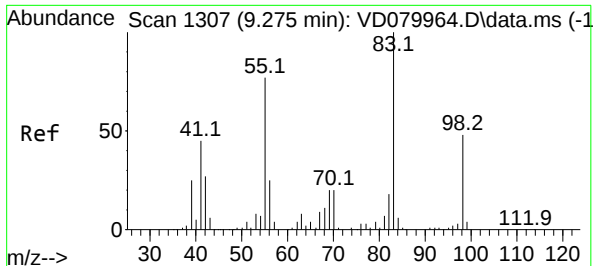
Delta R.T. 0.006 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Tgt Ion: 117	Resp: 149546
Ion Ratio	Lower Upper
117	100
119	95.8 73.4 110.0
121	31.8 24.5 36.7





#39

Methylcyclohexane

Concen: 59.683 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

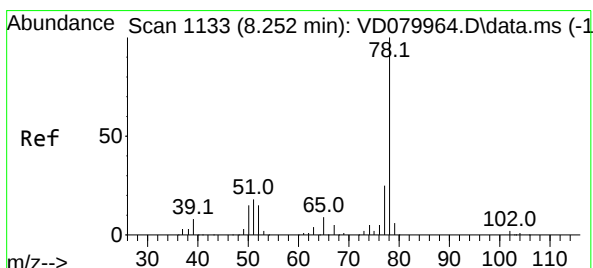
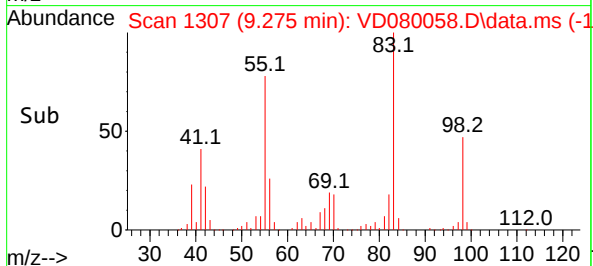
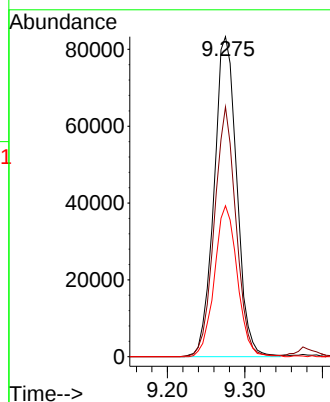
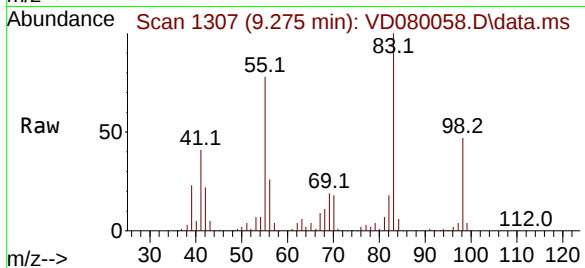
Tgt Ion: 83 Resp: 169555

Ion Ratio Lower Upper

83 100

55 78.0 62.0 93.0

98 47.1 38.7 58.1



#40

Benzene

Concen: 55.505 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD080058.D

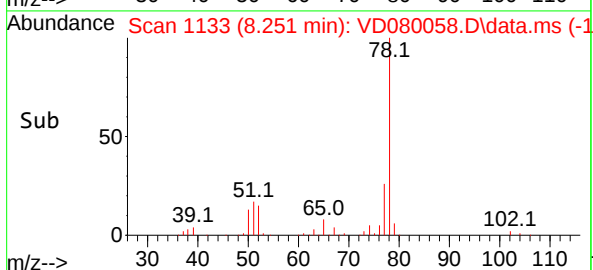
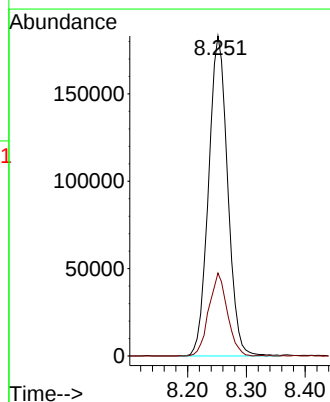
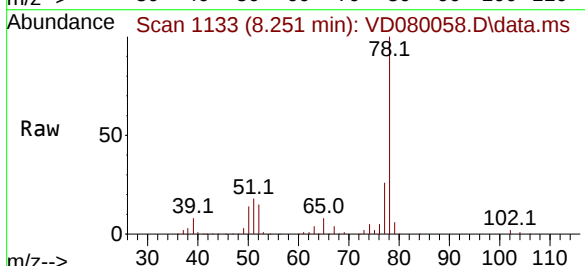
Acq: 18 Nov 2024 09:51

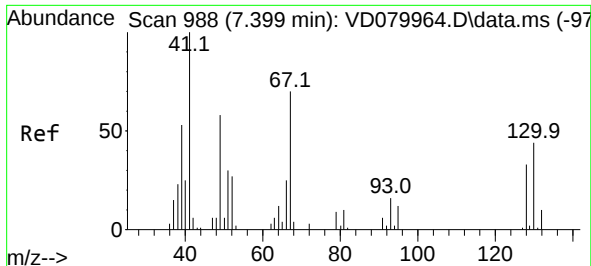
Tgt Ion: 78 Resp: 412833

Ion Ratio Lower Upper

78 100

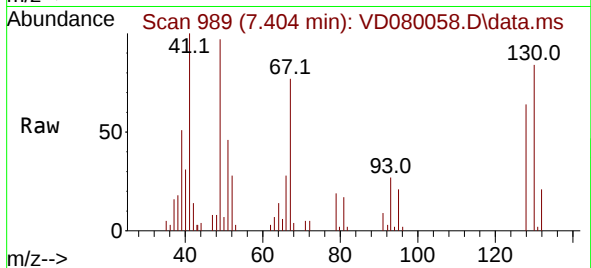
77 25.9 20.2 30.4



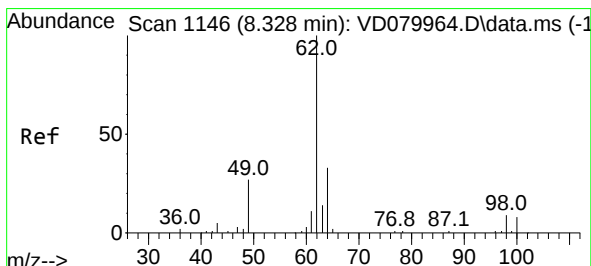
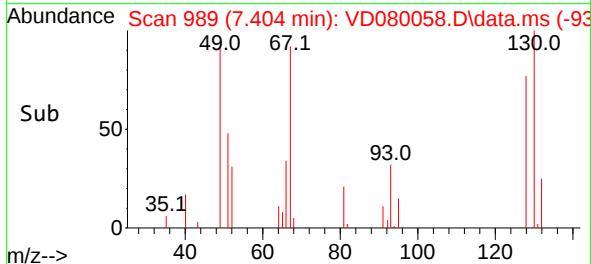
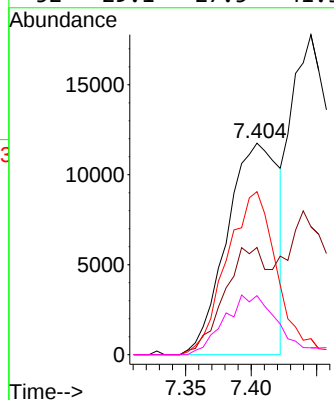


#41
Methacrylonitrile
Concen: 58.153 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_D
ClientSampleId :

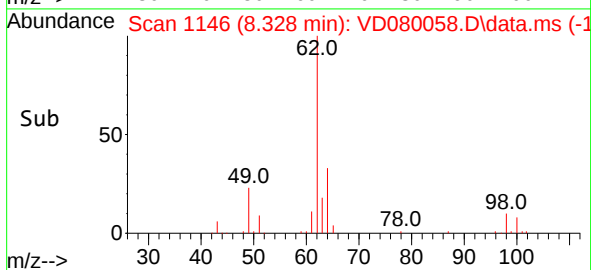
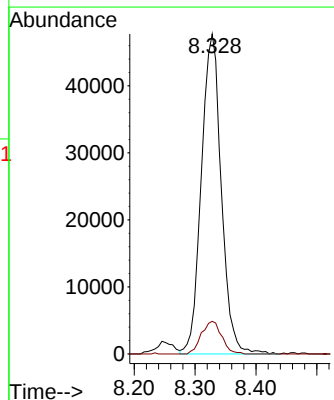
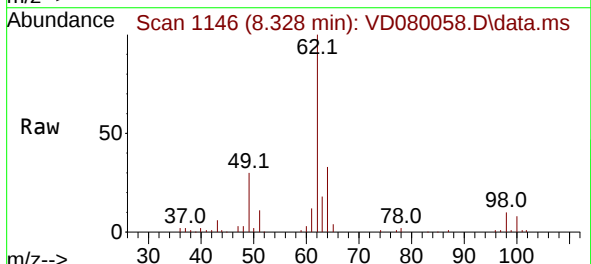


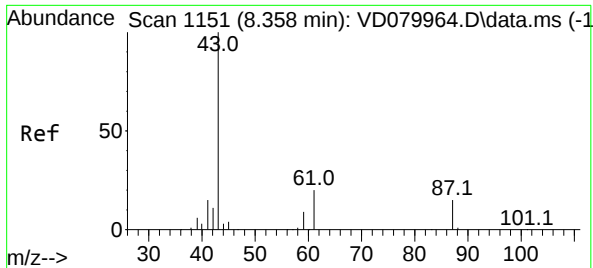
Tgt Ion:	41	Resp:	32188
Ion Ratio	Lower	Upper	
41	100		
39	44.7	47.8	71.8#
67	75.4	64.9	97.3
52	29.1	27.5	41.3



#42
1,2-Dichloroethane
Concen: 56.456 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion:	62	Resp:	108671
Ion Ratio	Lower	Upper	
62	100		
98	10.4	0.0	19.8

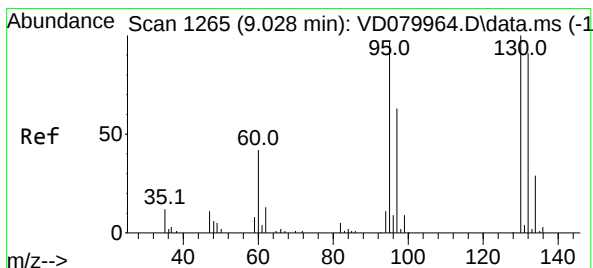
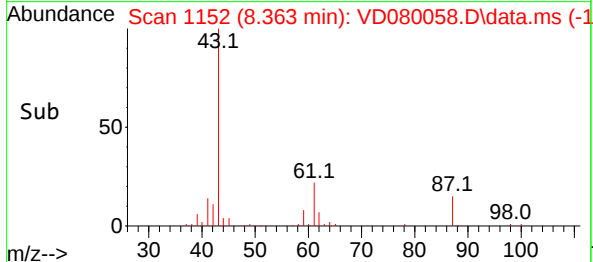
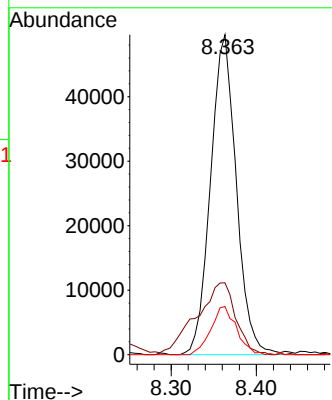
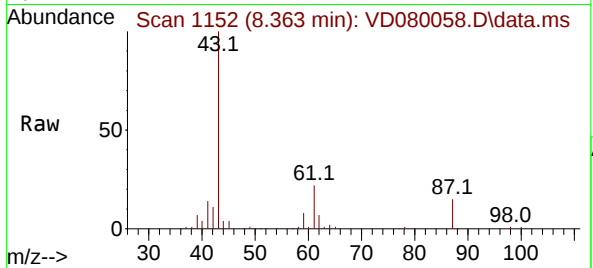




#43
Isopropyl Acetate
Concen: 56.077 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.005 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

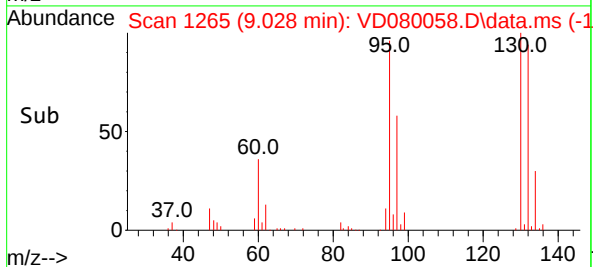
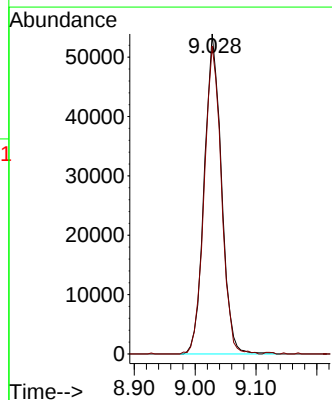
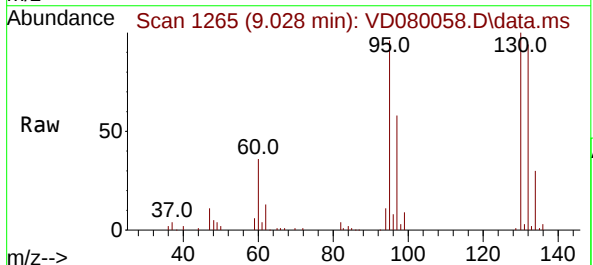
Instrument :
MSVOA_D
ClientSampleId :

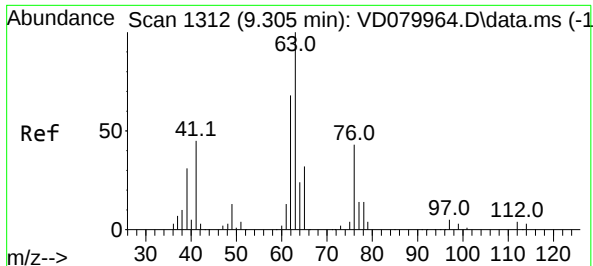
Tgt Ion: 43 Resp: 104260
Ion Ratio Lower Upper
43 100
61 34.2 26.2 39.2
87 15.0 11.8 17.8



#44
Trichloroethene
Concen: 54.897 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion:130 Resp: 105658
Ion Ratio Lower Upper
130 100
95 96.3 0.0 194.6





#45

1,2-Dichloropropane

Concen: 55.804 ug/l

RT: 9.304 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

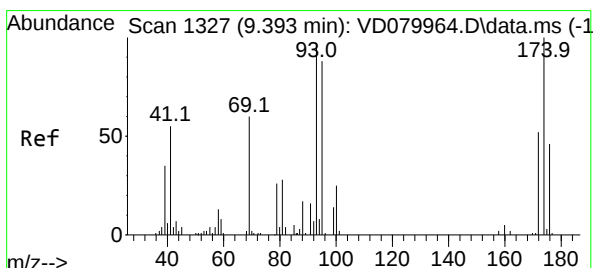
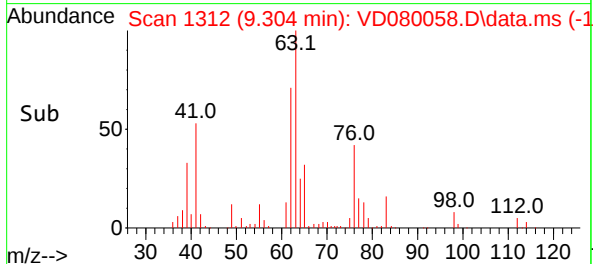
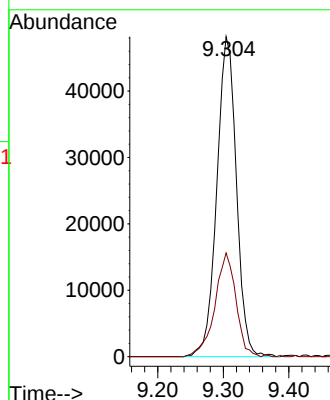
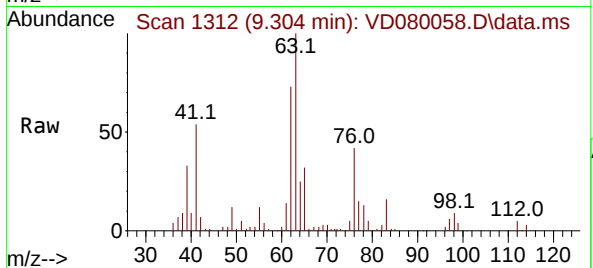
ClientSampleId :

Tgt Ion: 63 Resp: 99745

Ion Ratio Lower Upper

63 100

65 32.4 26.2 39.4



#46

Dibromomethane

Concen: 56.992 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

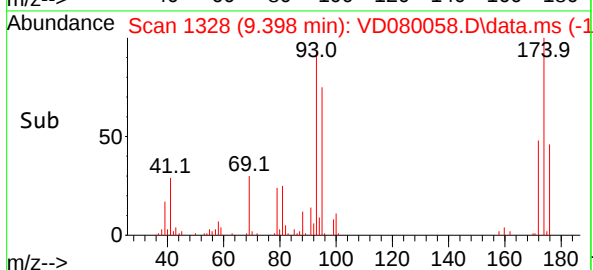
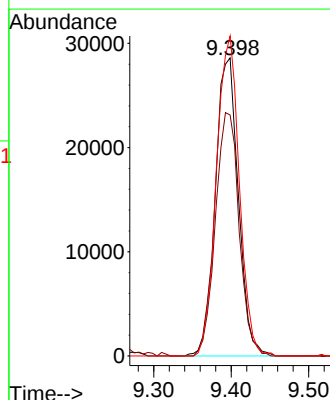
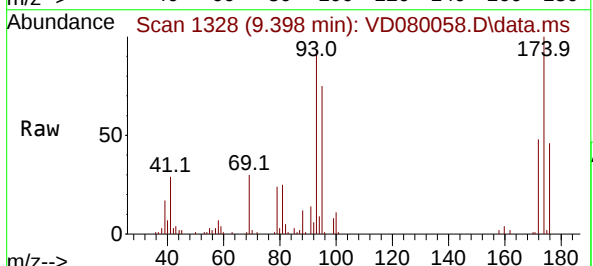
Tgt Ion: 93 Resp: 59252

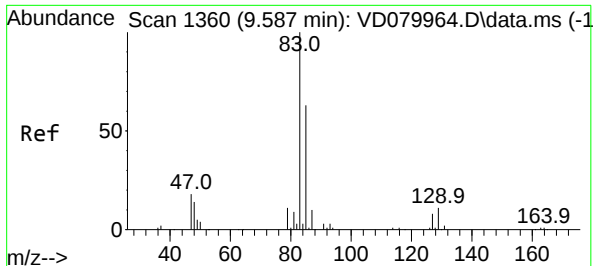
Ion Ratio Lower Upper

93 100

95 83.6 67.9 101.9

174 106.6 80.5 120.7





#47

Bromodichloromethane

Concen: 56.575 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

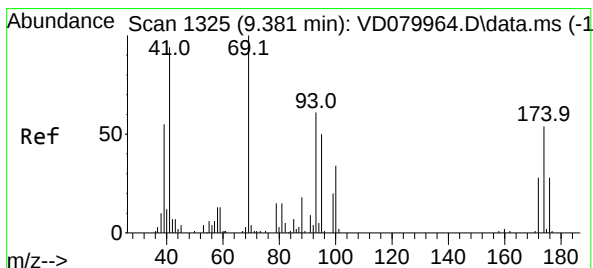
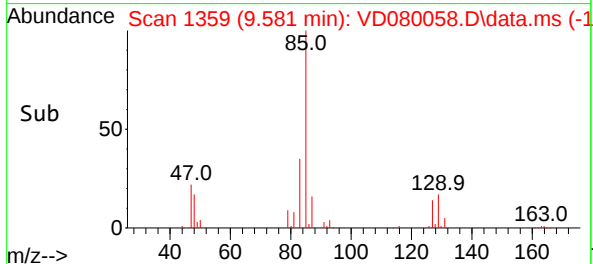
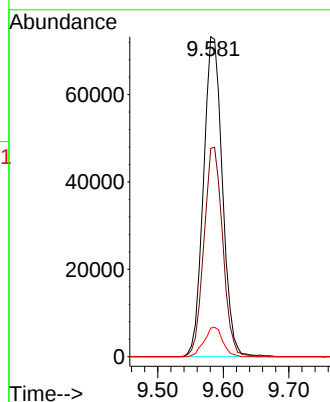
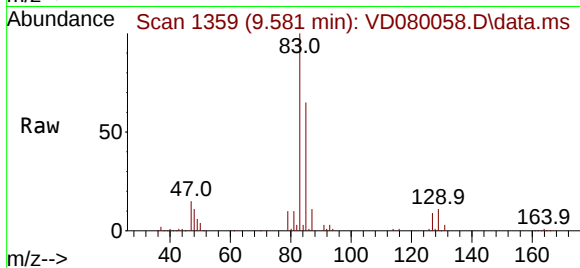
Tgt Ion: 83 Resp: 147223

Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8

127 9.0 6.1 9.1



#48

Methyl methacrylate

Concen: 57.448 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

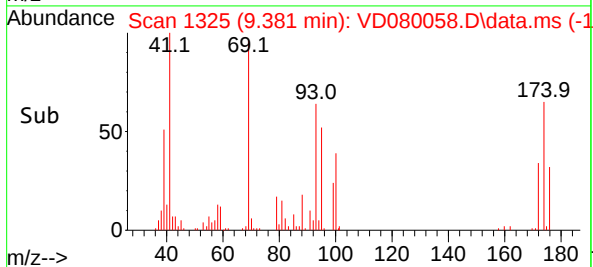
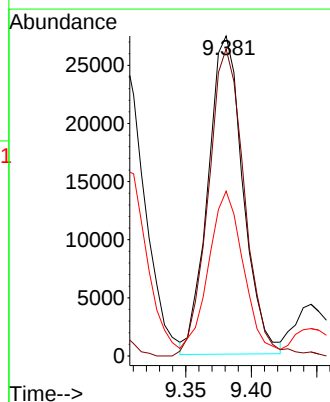
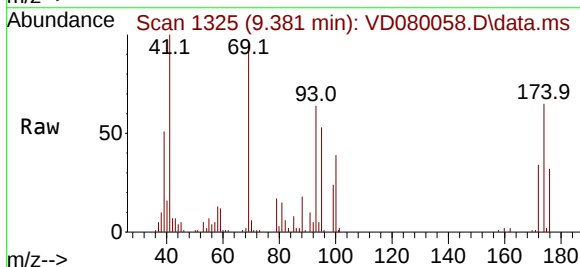
Tgt Ion: 41 Resp: 50991

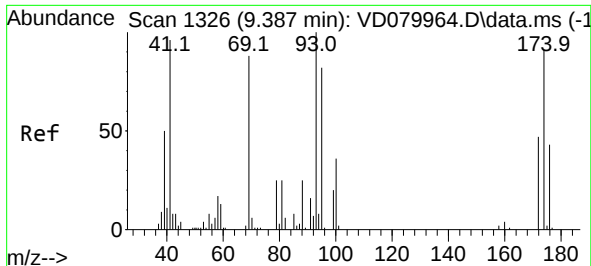
Ion Ratio Lower Upper

41 100

69 99.5 74.0 111.0

39 51.5 41.9 62.9





#49

1,4-Dioxane

Concen: 1312.552 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

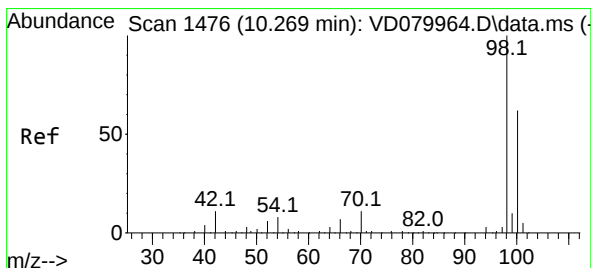
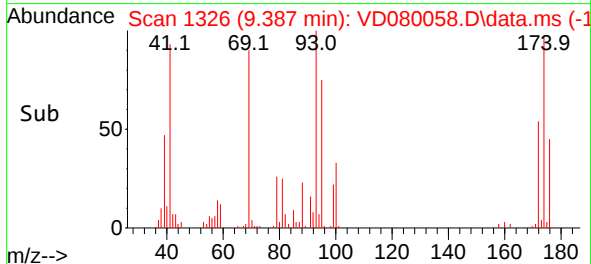
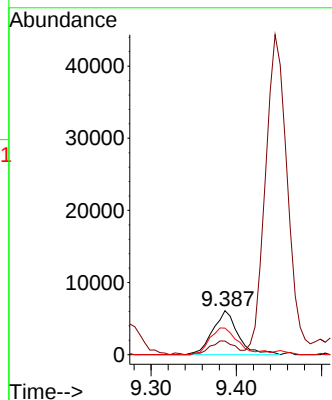
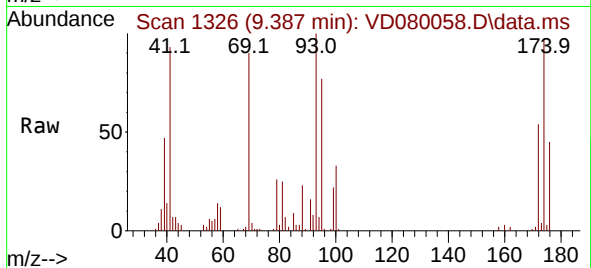
Tgt Ion: 88 Resp: 12518

Ion Ratio Lower Upper

88 100

43 29.9 29.1 43.7

58 65.4 59.9 89.9



#50

Toluene-d8

Concen: 55.083 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080058.D

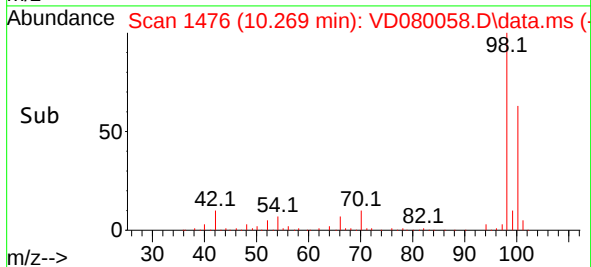
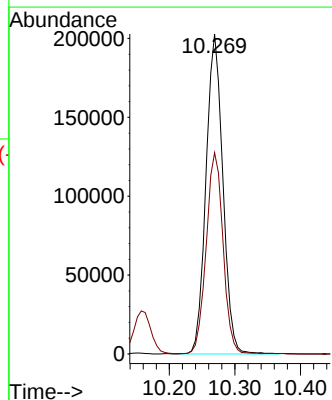
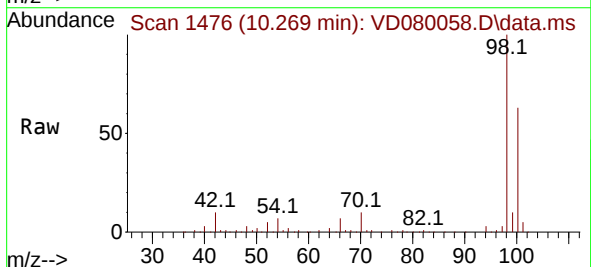
Acq: 18 Nov 2024 09:51

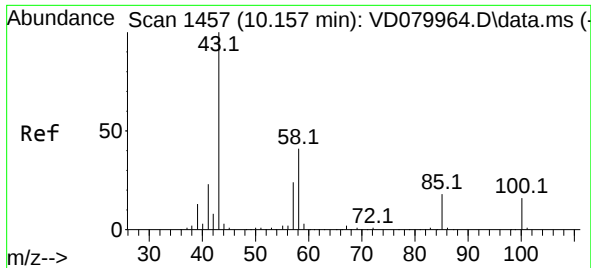
Tgt Ion: 98 Resp: 362288

Ion Ratio Lower Upper

98 100

100 62.8 50.2 75.4

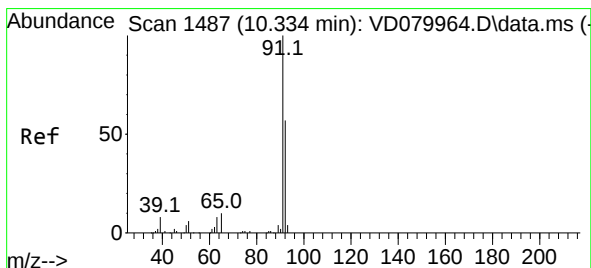
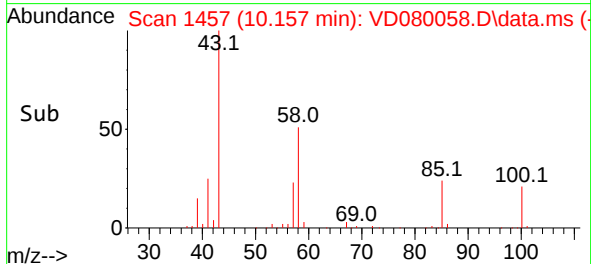
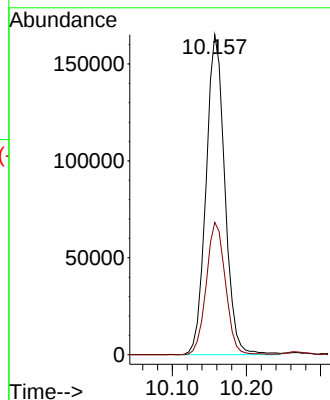
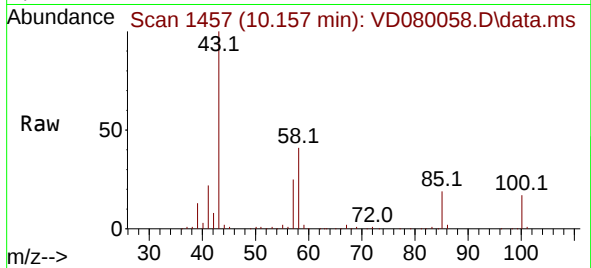




#51
4-Methyl-2-Pentanone
Concen: 308.122 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

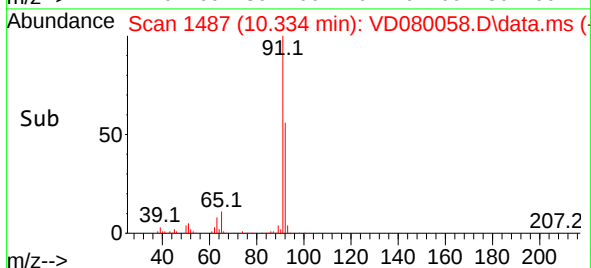
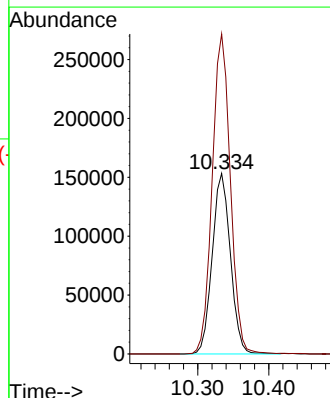
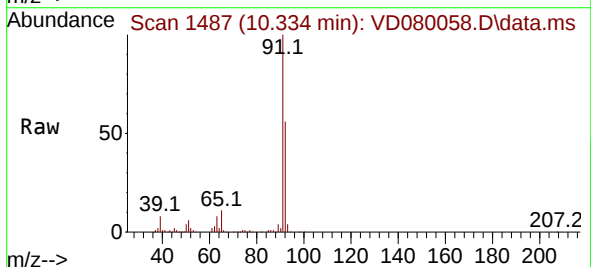
Instrument :
MSVOA_D
ClientSampleId :

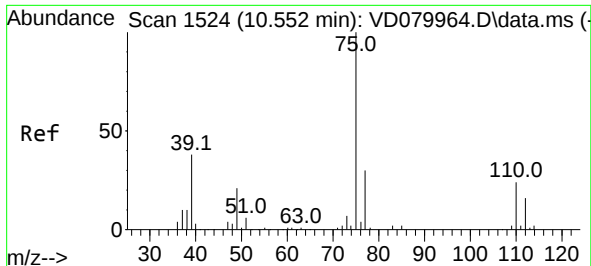
Tgt Ion: 43 Resp: 290646
Ion Ratio Lower Upper
43 100
58 42.1 32.8 49.2



#52
Toluene
Concen: 58.959 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 92 Resp: 272513
Ion Ratio Lower Upper
92 100
91 176.8 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 56.966 ug/l

RT: 10.551 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

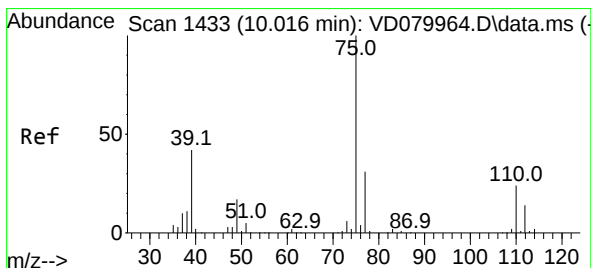
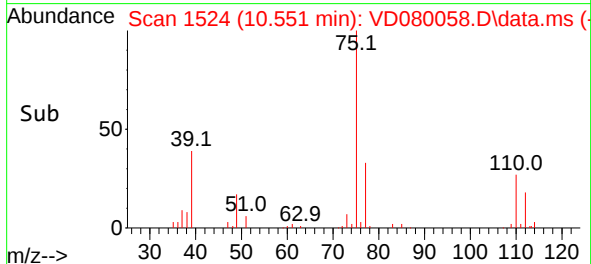
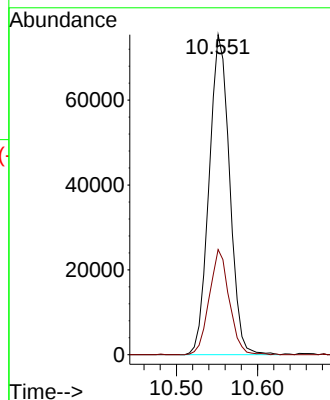
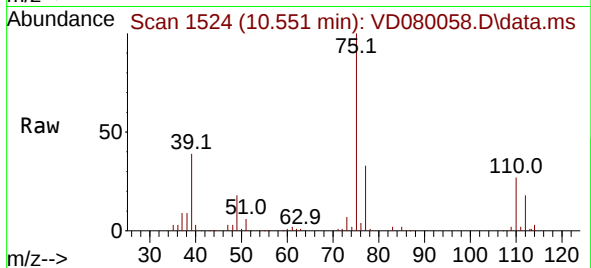
ClientSampleId :

Tgt Ion: 75 Resp: 132147

Ion Ratio Lower Upper

75 100

77 32.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 56.974 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

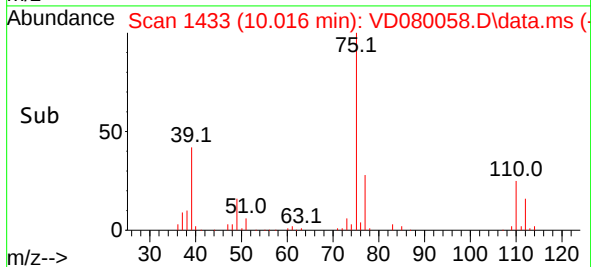
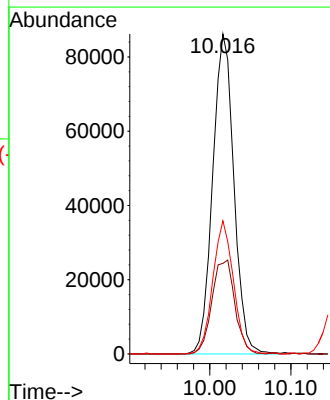
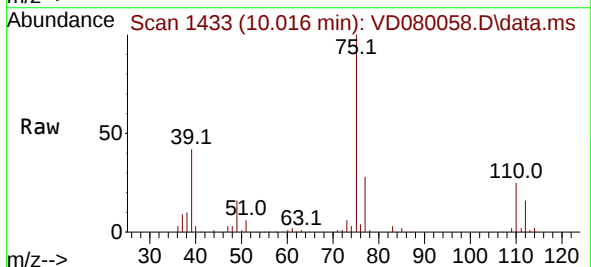
Tgt Ion: 75 Resp: 156470

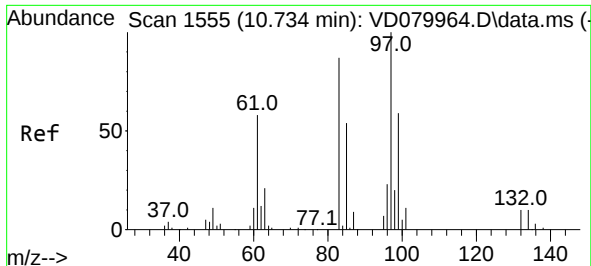
Ion Ratio Lower Upper

75 100

77 28.3 25.0 37.4

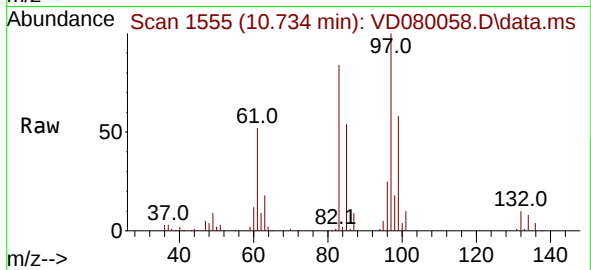
39 41.6 33.2 49.8



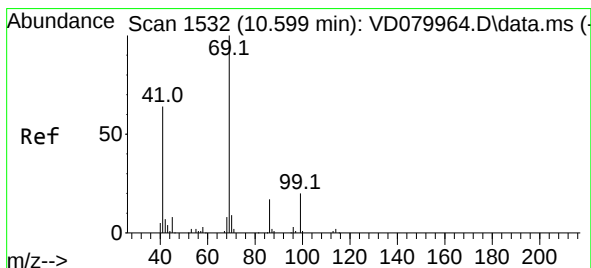
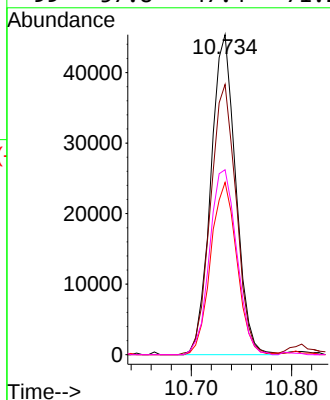
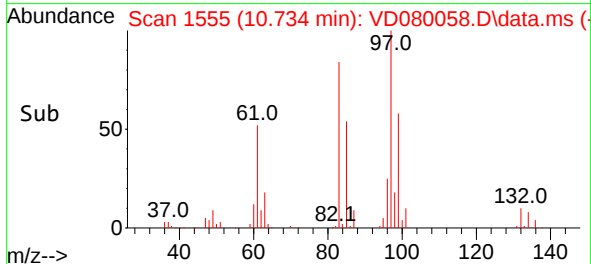


#55
1,1,2-Trichloroethane
Concen: 56.953 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

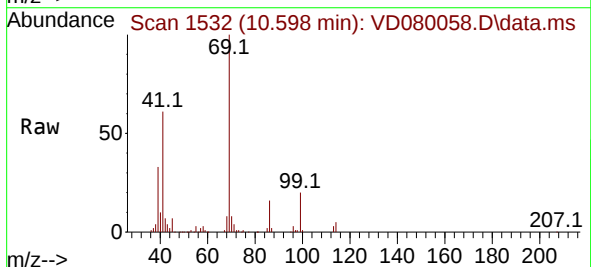
Instrument :
MSVOA_D
ClientSampleId :



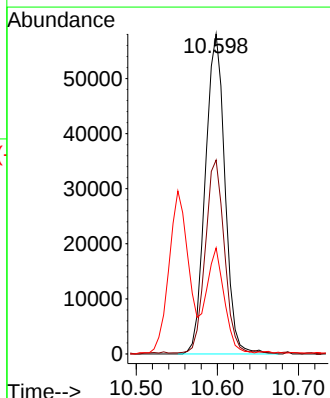
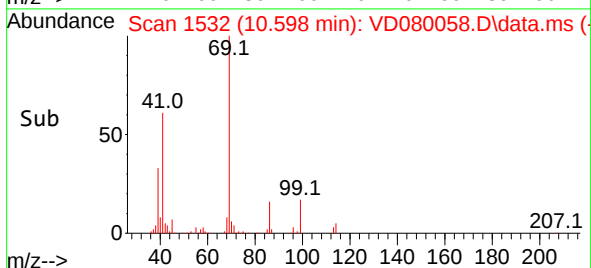
Tgt Ion:	97	Resp:	78335
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.2	103.8
85	53.8	43.0	64.6
99	57.8	47.4	71.2

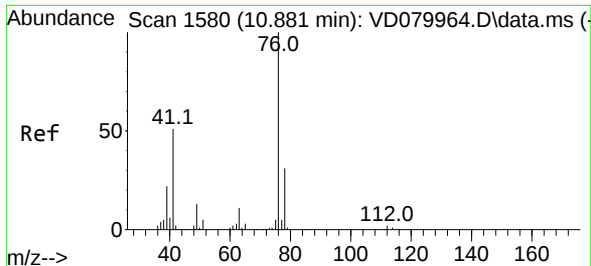


#56
Ethyl methacrylate
Concen: 60.830 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51



Tgt Ion:	69	Resp:	97292
Ion	Ratio	Lower	Upper
69	100		
41	58.9	50.4	75.6
39	30.3	26.0	39.0





#57

1,3-Dichloropropane

Concen: 57.683 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

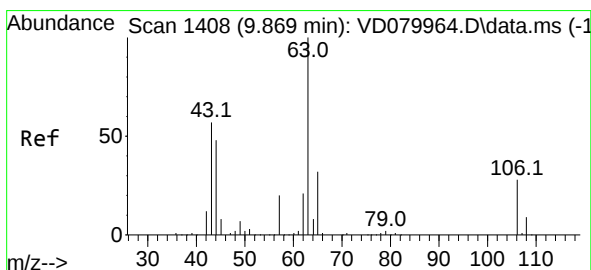
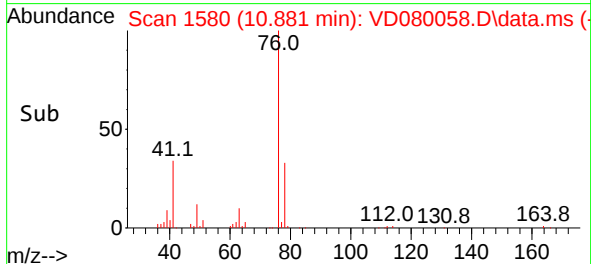
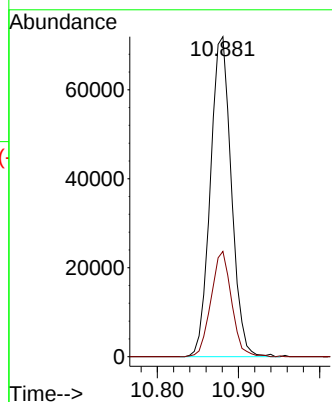
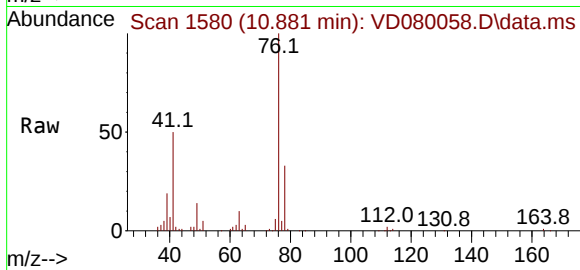
ClientSampleId :

Tgt Ion: 76 Resp: 129067

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 301.942 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080058.D

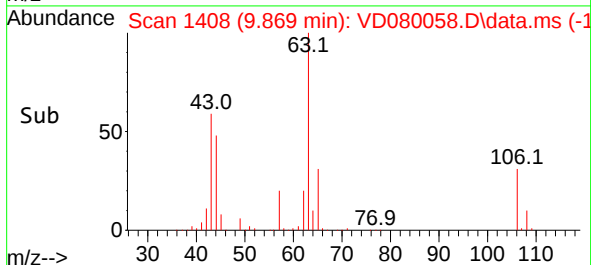
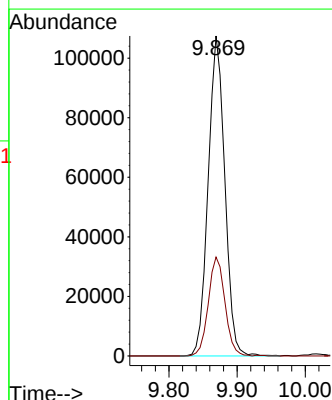
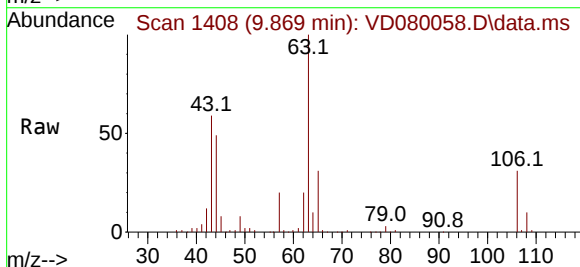
Acq: 18 Nov 2024 09:51

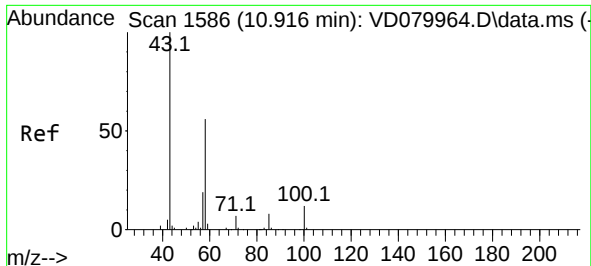
Tgt Ion: 63 Resp: 182651

Ion Ratio Lower Upper

63 100

106 30.8 21.8 32.6





#59

2-Hexanone

Concen: 325.372 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

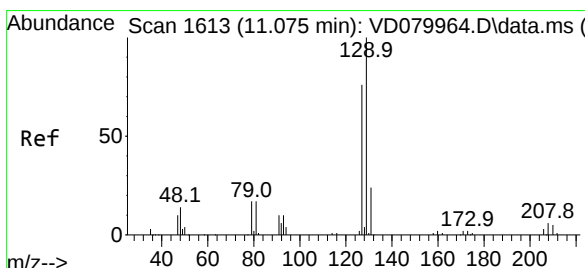
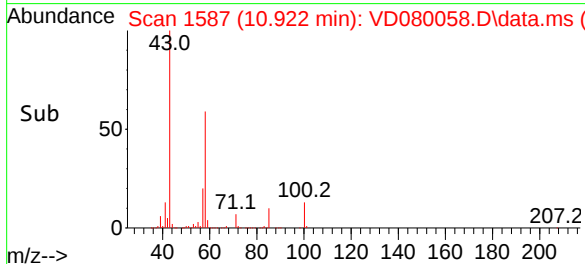
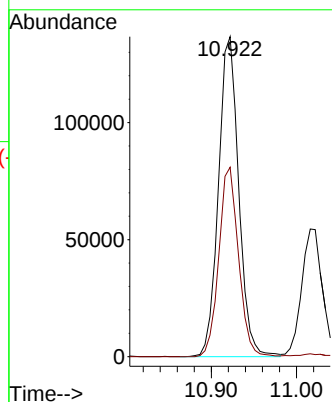
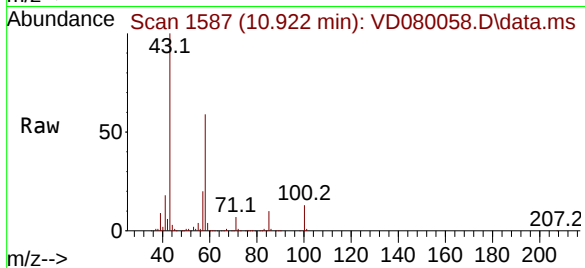
ClientSampleId :

Tgt Ion: 43 Resp: 225753

Ion Ratio Lower Upper

43 100

58 57.7 27.8 83.4



#60

Dibromochloromethane

Concen: 59.580 ug/l

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD080058.D

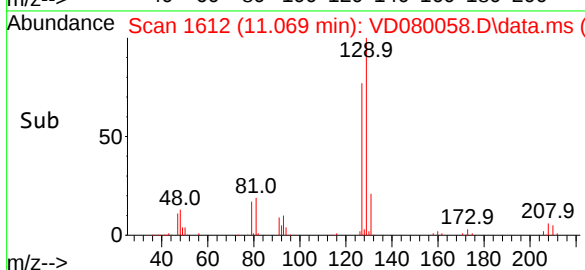
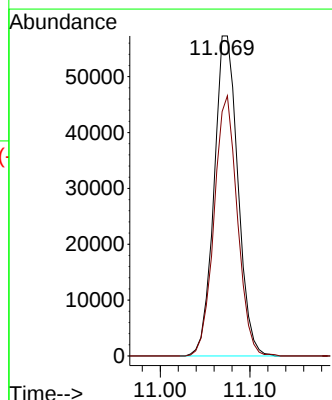
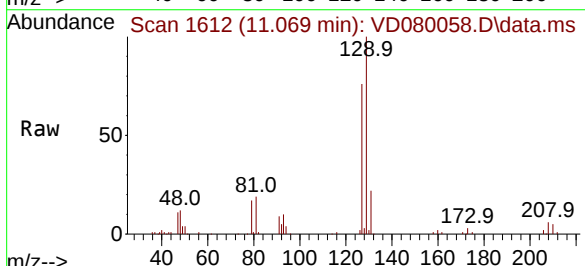
Acq: 18 Nov 2024 09:51

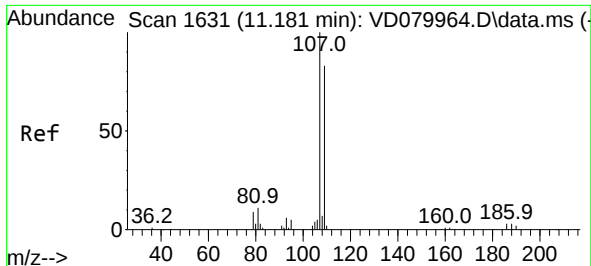
Tgt Ion: 129 Resp: 105481

Ion Ratio Lower Upper

129 100

127 79.4 38.4 115.2

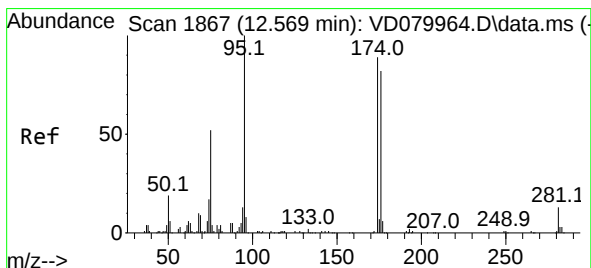
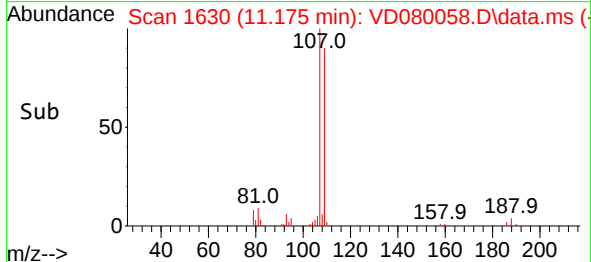
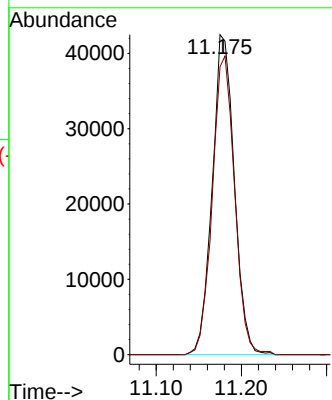
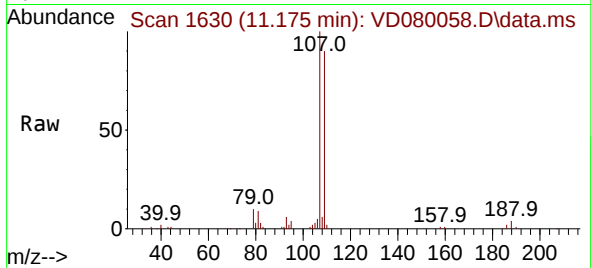




#61
1,2-Dibromoethane
Concen: 58.988 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

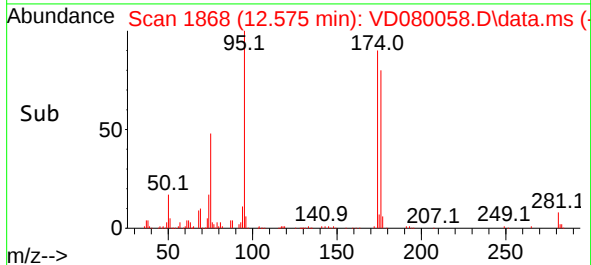
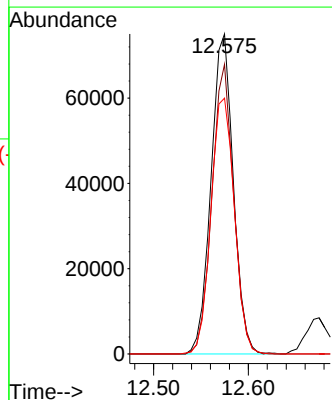
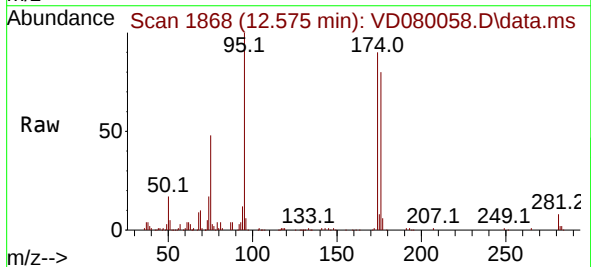
Instrument :
MSVOA_D
ClientSampleId :

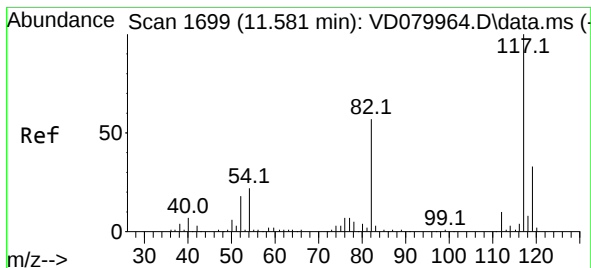
Tgt Ion:107 Resp: 76497
Ion Ratio Lower Upper
107 100
109 94.1 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 56.796 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 95 Resp: 122559
Ion Ratio Lower Upper
95 100
174 87.8 0.0 173.4
176 84.3 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

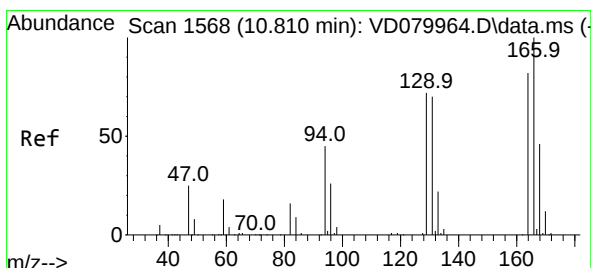
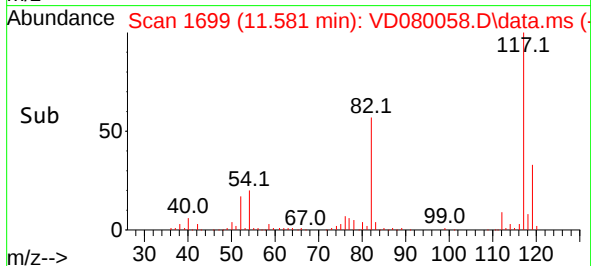
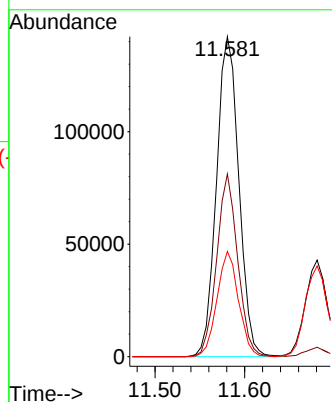
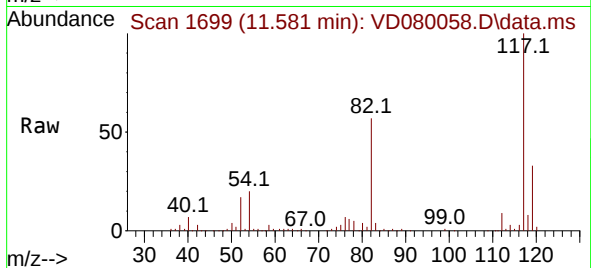
Tgt Ion:117 Resp: 246582

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.6

119 32.9 26.2 39.2



#64

Tetrachloroethene

Concen: 56.375 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Tgt Ion:164 Resp: 98994

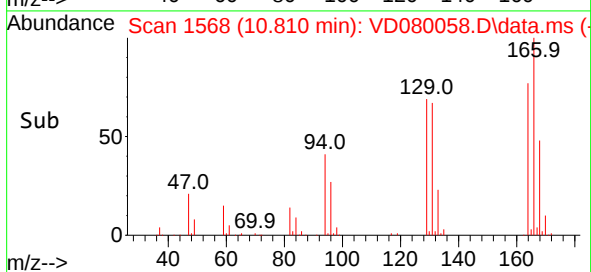
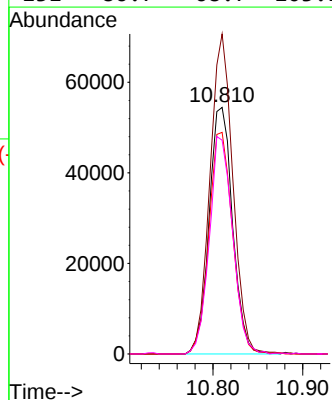
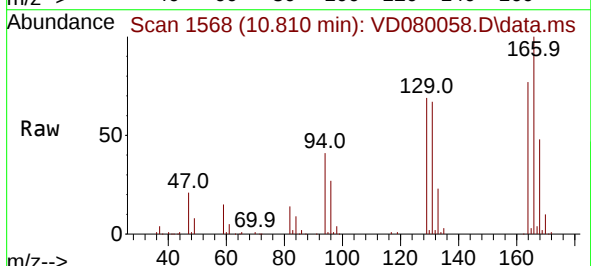
Ion Ratio Lower Upper

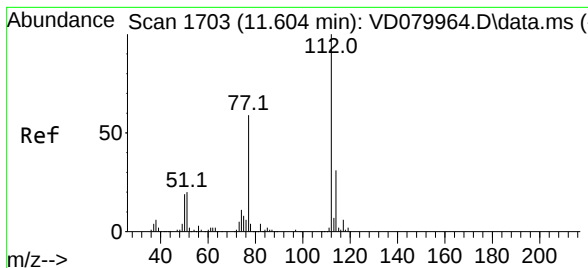
164 100

166 129.8 97.5 146.3

129 89.8 70.6 106.0

131 86.7 68.7 103.1





#65

Chlorobenzene

Concen: 54.721 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

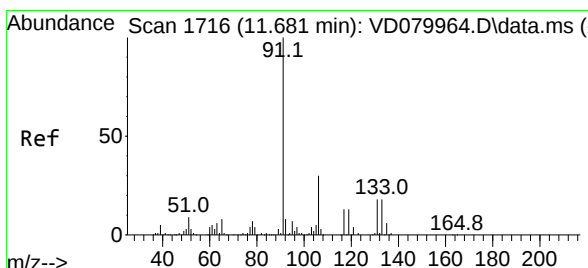
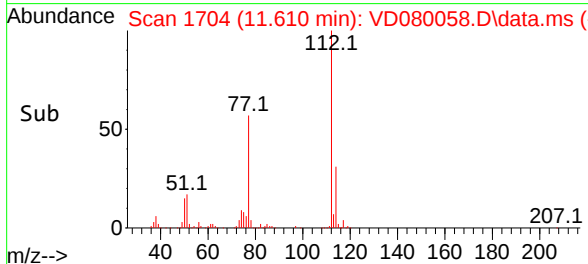
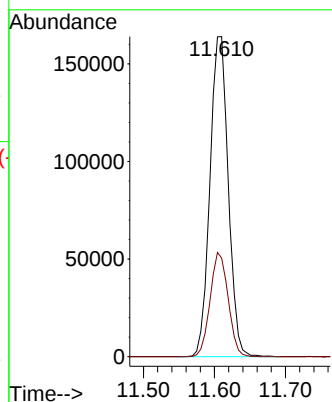
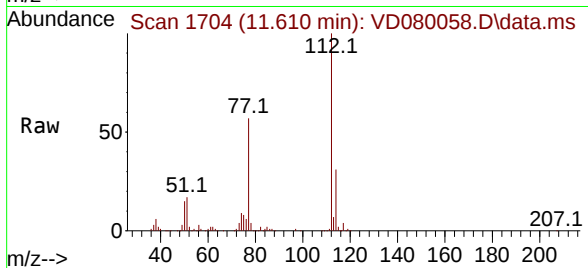
ClientSampleId :

Tgt Ion:112 Resp: 294337

Ion Ratio Lower Upper

112 100

114 30.8 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 56.240 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

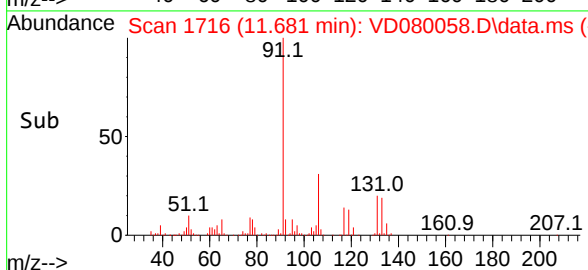
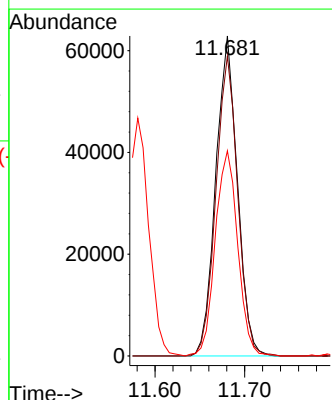
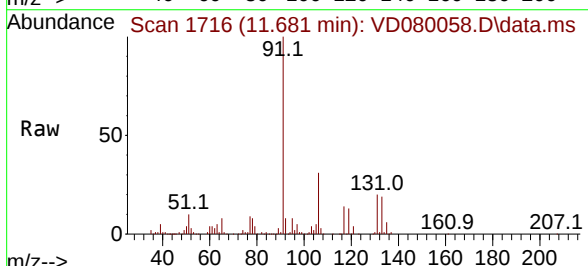
Tgt Ion:131 Resp: 105301

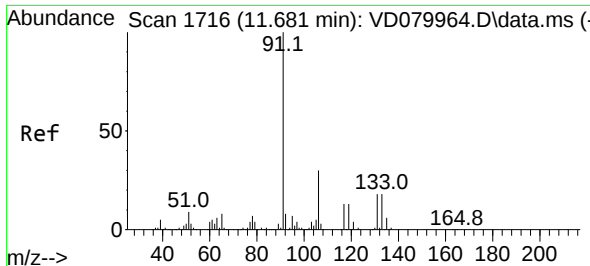
Ion Ratio Lower Upper

131 100

133 94.2 48.8 146.4

119 66.4 34.8 104.3

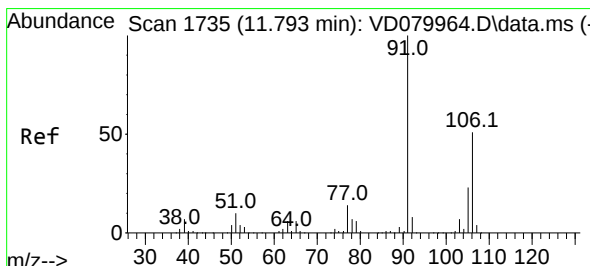
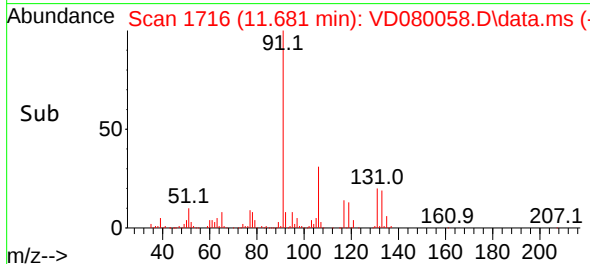
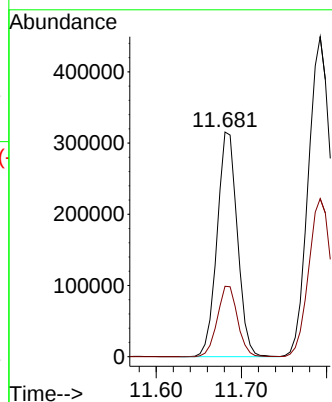
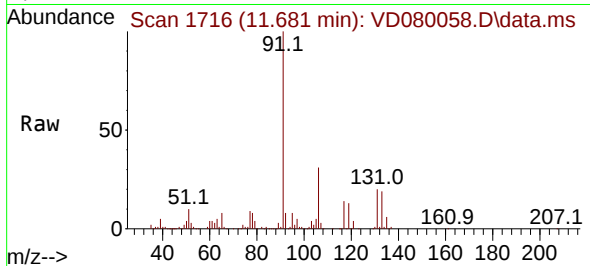




#67
Ethyl Benzene
Concen: 57.792 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

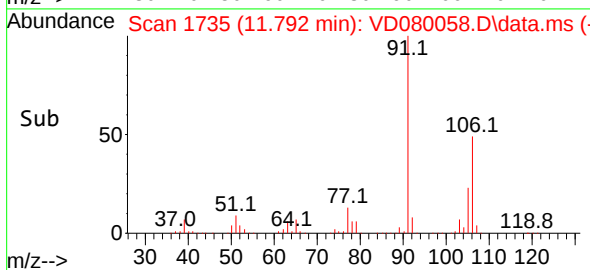
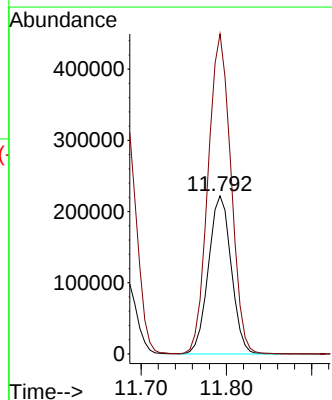
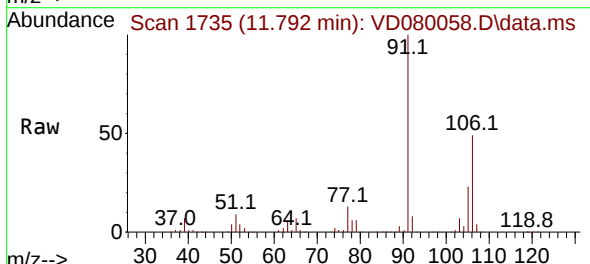
Instrument :
MSVOA_D
ClientSampleId :

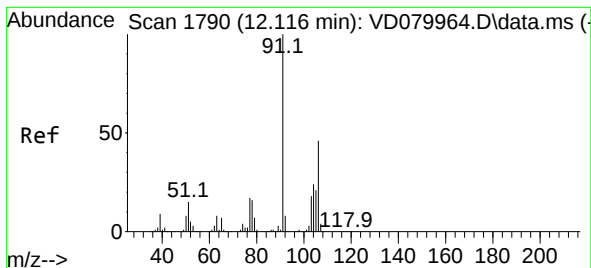
Tgt Ion: 91 Resp: 521593
Ion Ratio Lower Upper
91 100
106 31.3 23.6 35.4



#68
m/p-Xylenes
Concen: 116.753 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 106 Resp: 411810
Ion Ratio Lower Upper
106 100
91 203.5 162.6 244.0

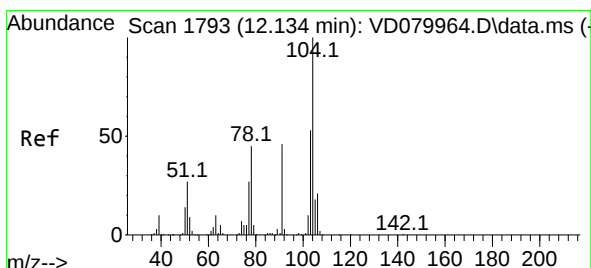
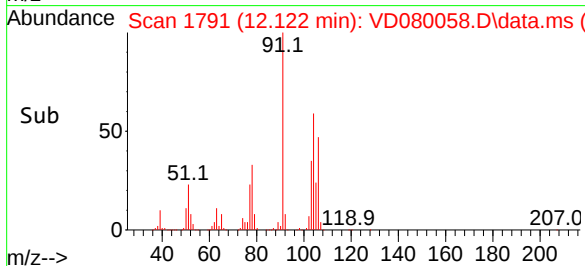
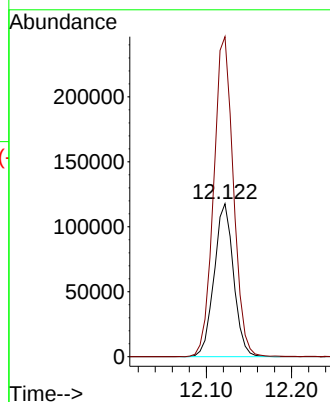
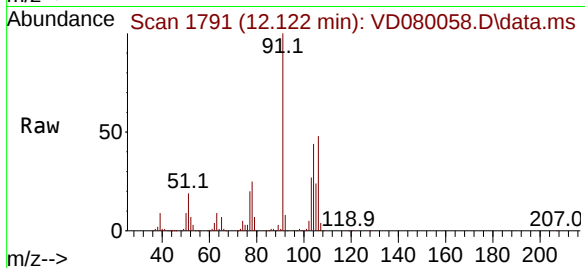




#69
o-Xylene
Concen: 58.710 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

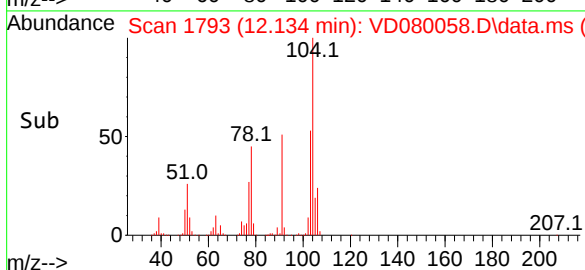
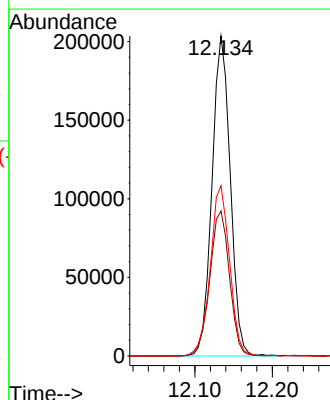
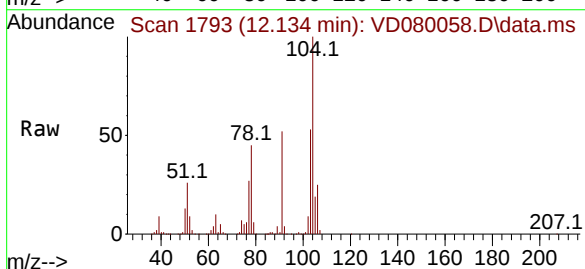
Instrument :
MSVOA_D
ClientSampleId :

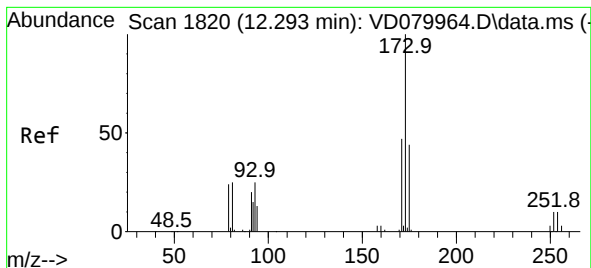
Tgt Ion:106 Resp: 186146
Ion Ratio Lower Upper
106 100
91 212.9 110.5 331.5



#70
Styrene
Concen: 58.932 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion:104 Resp: 333504
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.8
103 56.1 45.2 67.8





#71

Bromoform

Concen: 58.512 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.005 min

Lab File: VD080058.D

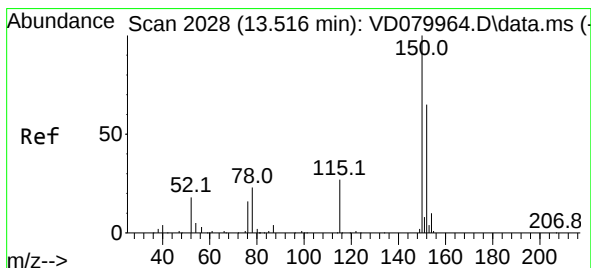
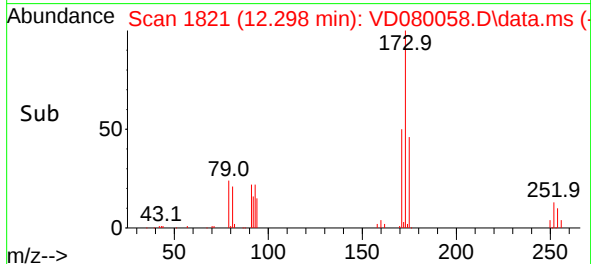
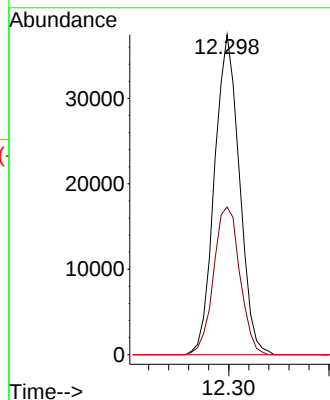
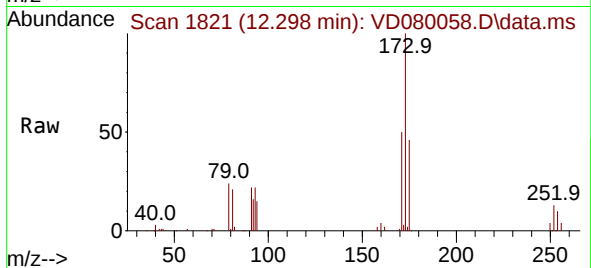
Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	64595
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.8 74.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

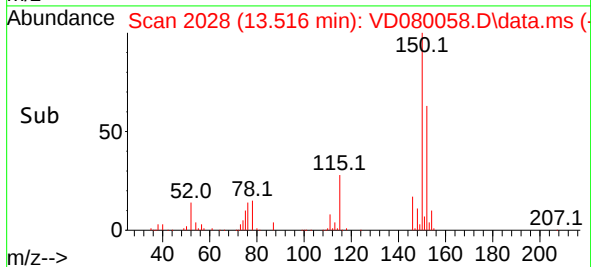
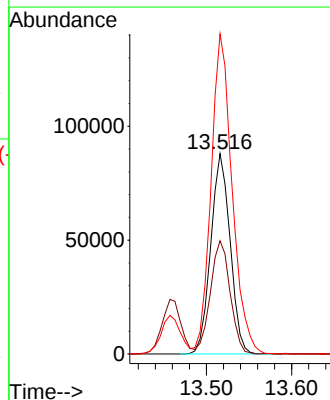
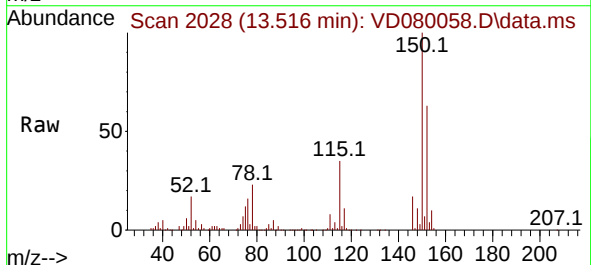
RT: 13.516 min Scan# 2028

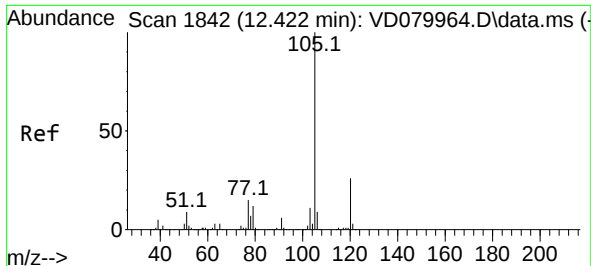
Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

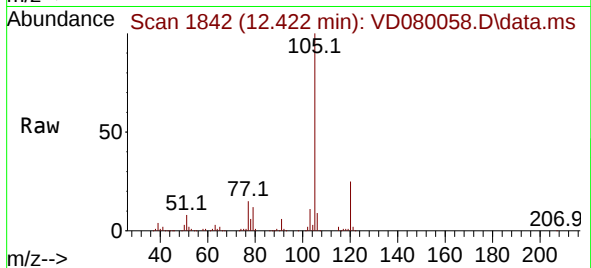
Tgt Ion:152	Resp:	138959
Ion Ratio	Lower	Upper
152	100	
115	57.4	28.9 86.8
150	174.4	0.0 354.8



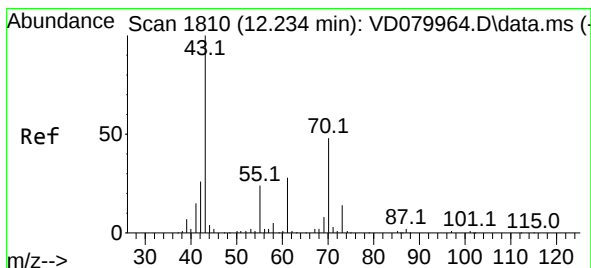
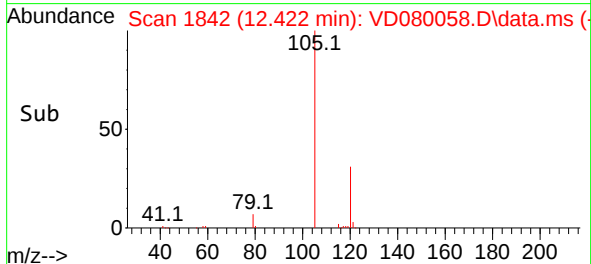
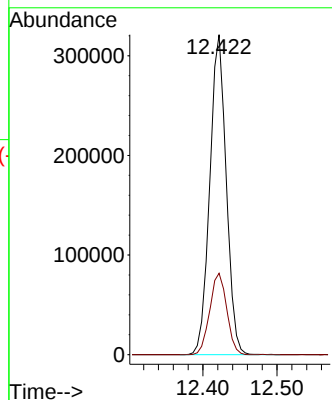


#73
Isopropylbenzene
Concen: 55.196 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_D
ClientSampleId :

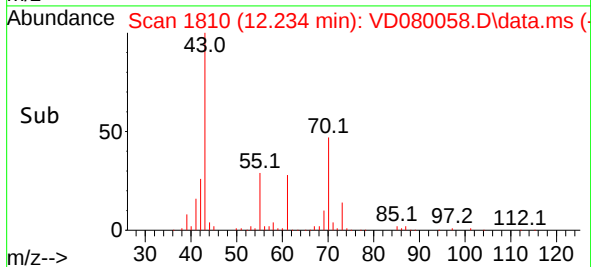
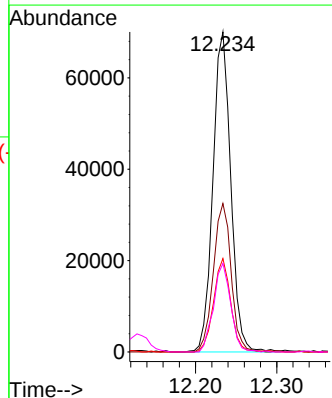
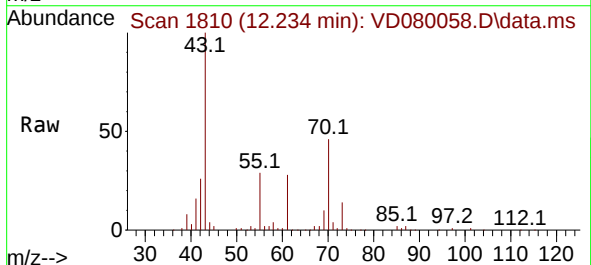


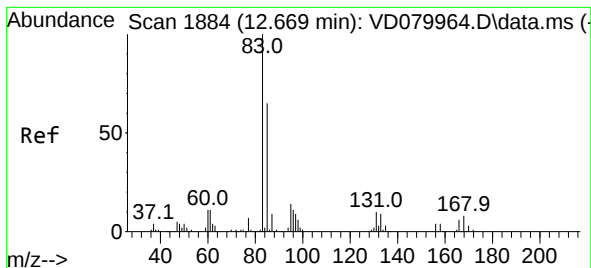
Tgt Ion:105 Resp: 494625
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9



#74
N-ethyl acetate
Concen: 54.198 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 43 Resp: 107015
Ion Ratio Lower Upper
43 100
70 46.3 36.3 54.5
55 28.2 20.3 30.5
61 26.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 54.127 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

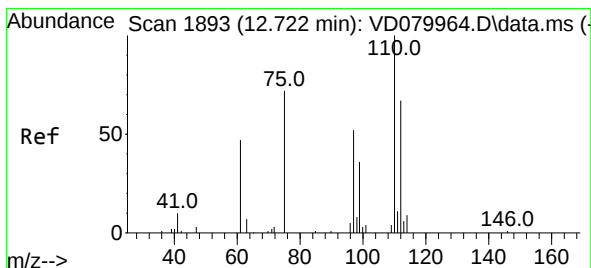
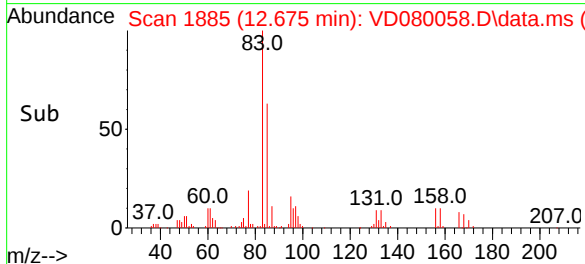
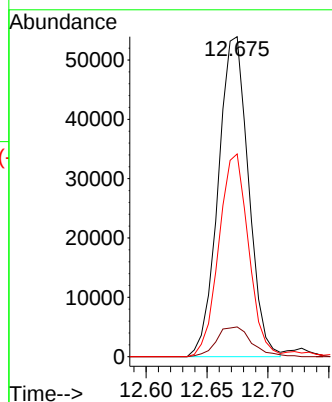
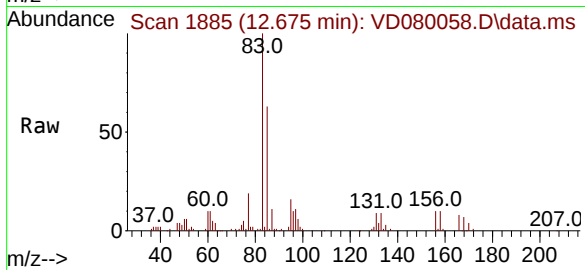
Tgt Ion: 83 Resp: 93217

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 62.5 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 96.965 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD080058.D

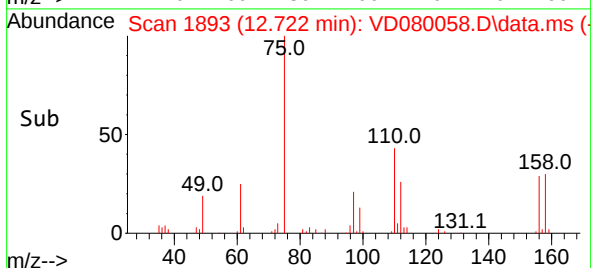
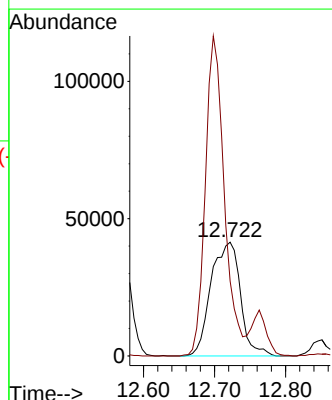
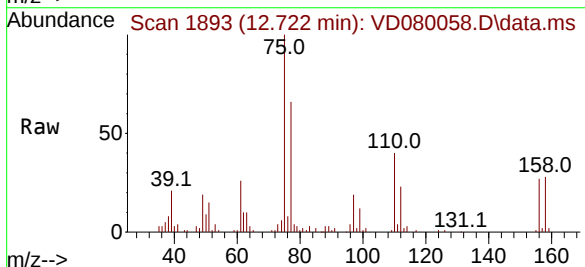
Acq: 18 Nov 2024 09:51

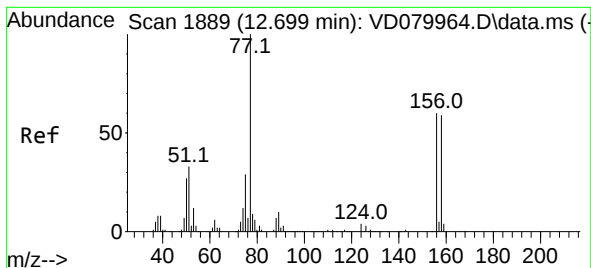
Tgt Ion: 75 Resp: 118980

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.702 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.001 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

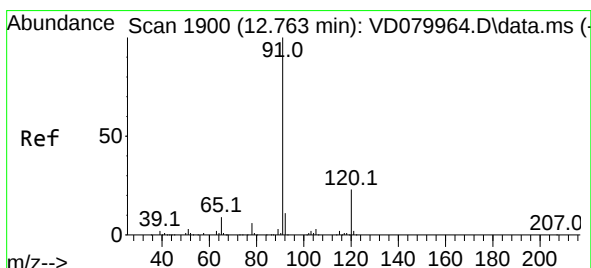
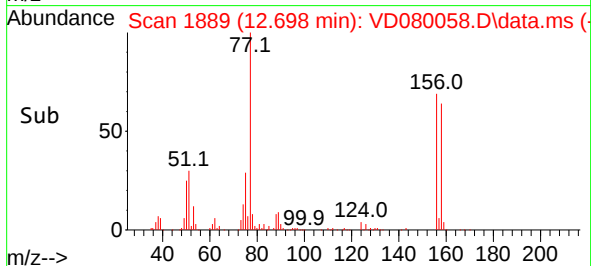
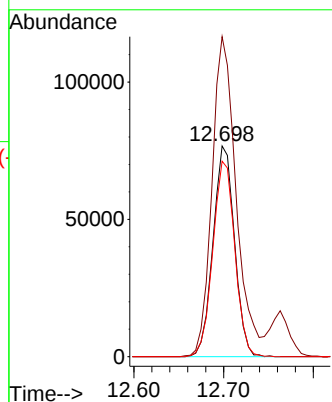
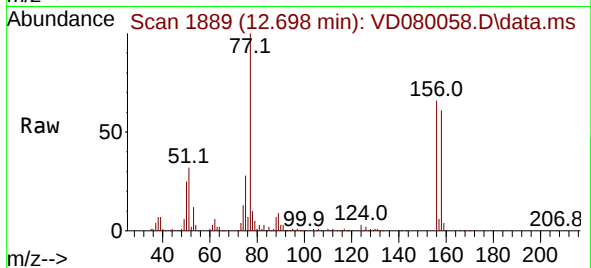
Tgt Ion:156 Resp: 127393

Ion Ratio Lower Upper

156 100

77 169.6 89.8 269.6

158 95.0 47.9 143.8



#78

n-propylbenzene

Concen: 56.246 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD080058.D

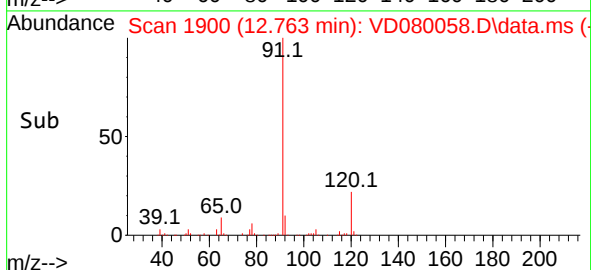
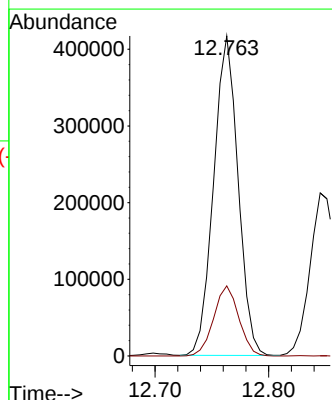
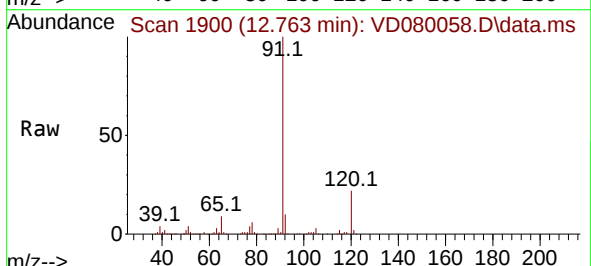
Acq: 18 Nov 2024 09:51

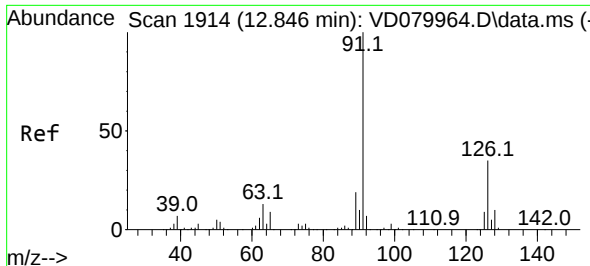
Tgt Ion: 91 Resp: 622903

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5

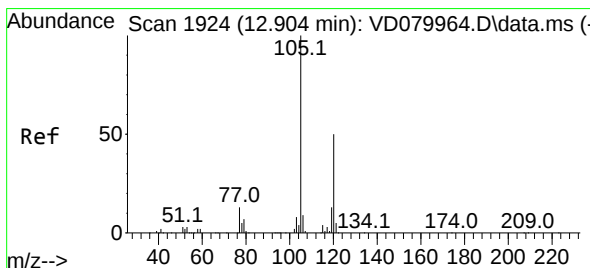
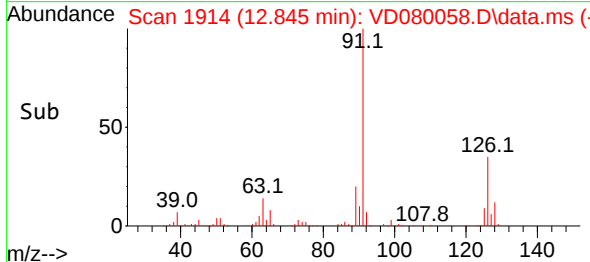
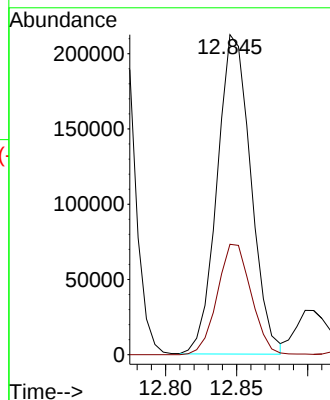
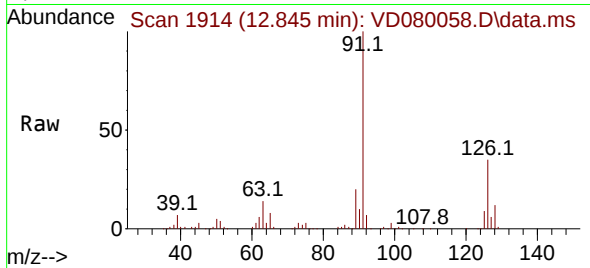




#79
2-Chlorotoluene
Concen: 53.946 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.001 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

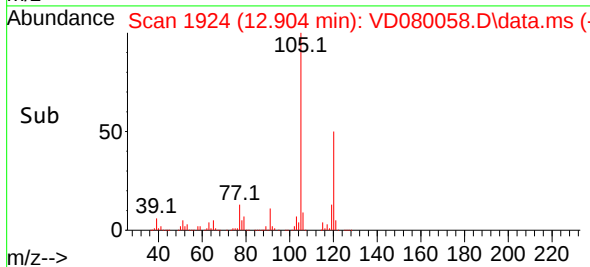
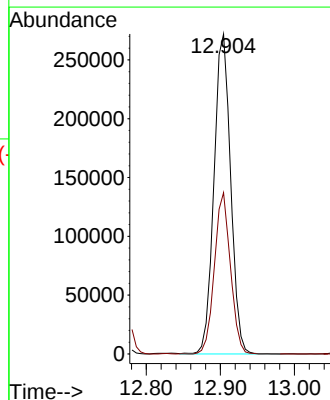
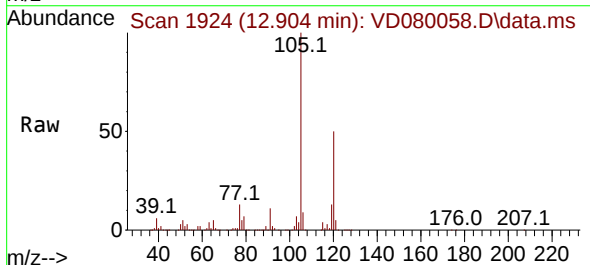
Instrument :
MSVOA_D
ClientSampleId :

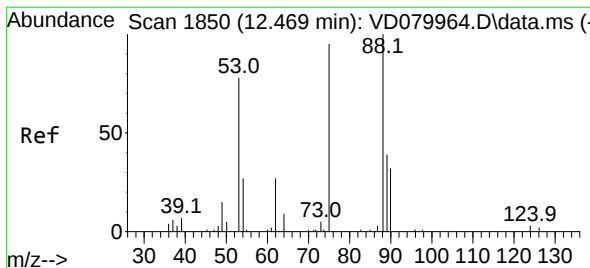
Tgt Ion: 91 Resp: 350353
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 56.023 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 105 Resp: 424889
Ion Ratio Lower Upper
105 100
120 48.4 25.0 75.0

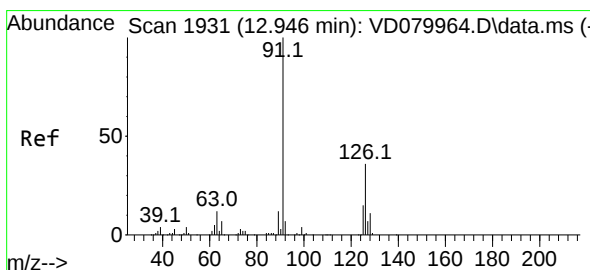
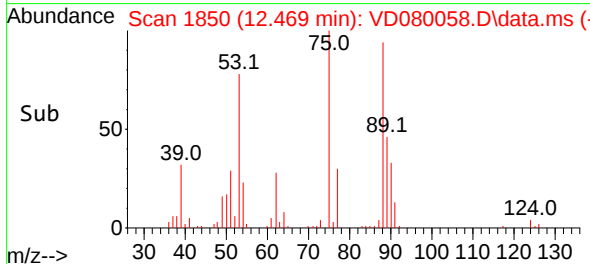
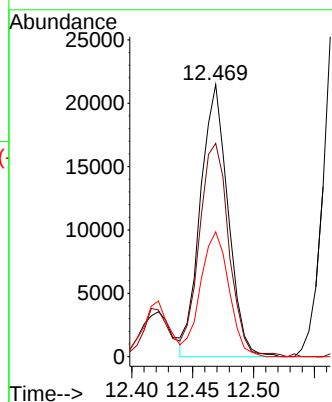
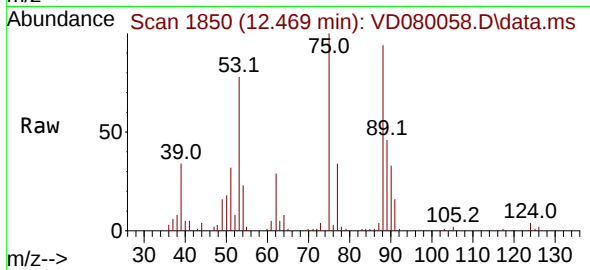




#81
trans-1,4-Dichloro-2-butene
Concen: 56.519 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

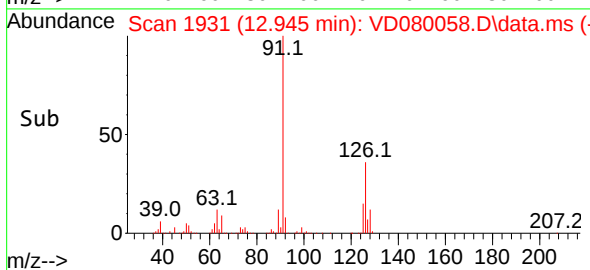
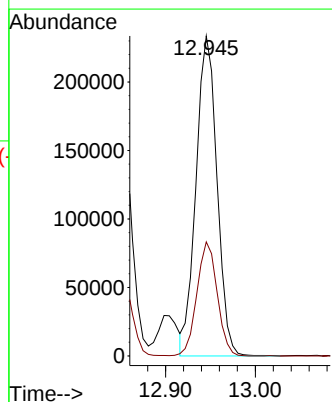
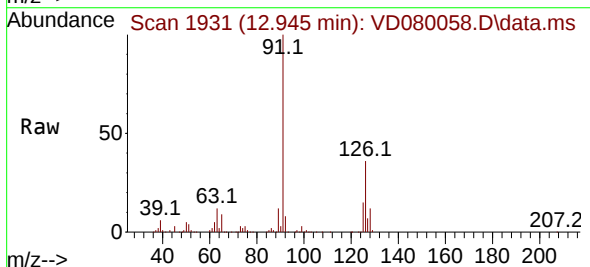
Instrument :
MSVOA_D
ClientSampleId :

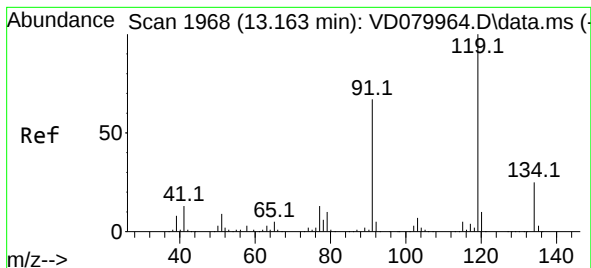
Tgt Ion: 75 Resp: 33885
Ion Ratio Lower Upper
75 100
53 84.1 68.7 103.1
89 47.5 36.1 54.1



#82
4-Chlorotoluene
Concen: 54.649 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.001 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 91 Resp: 379418
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.3





#83

tert-Butylbenzene

Concen: 56.067 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

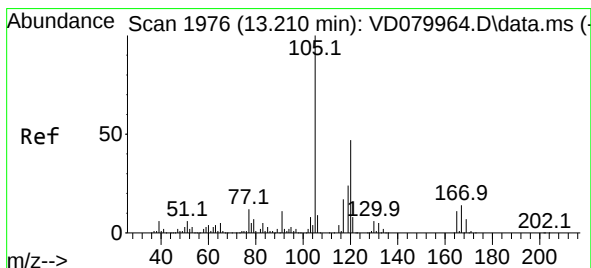
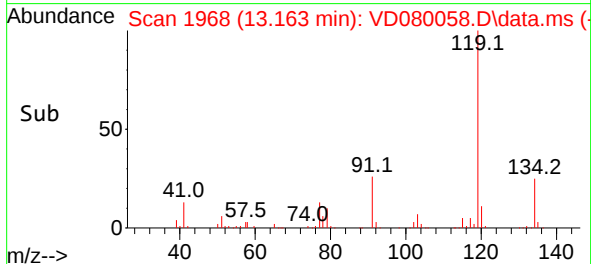
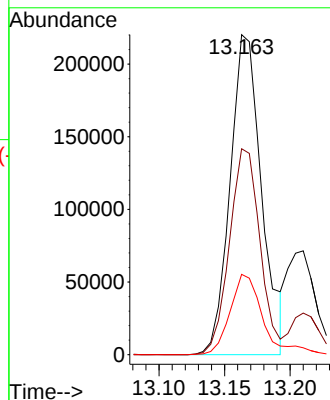
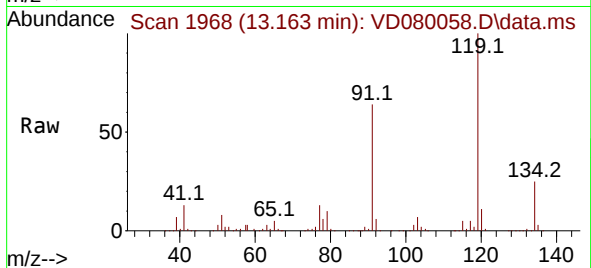
Tgt Ion:119 Resp: 368273

Ion Ratio Lower Upper

119 100

91 62.5 33.3 99.9

134 26.3 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 56.940 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080058.D

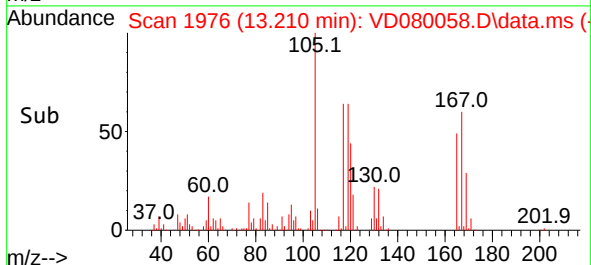
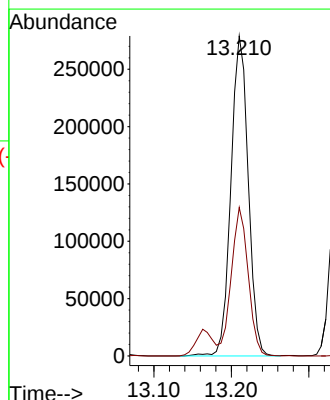
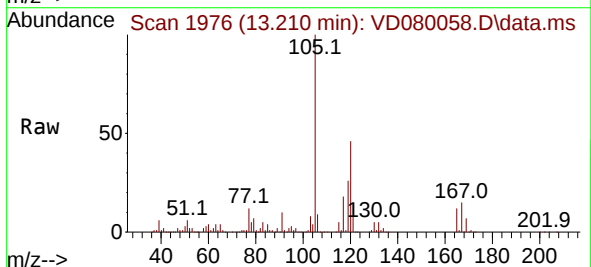
Acq: 18 Nov 2024 09:51

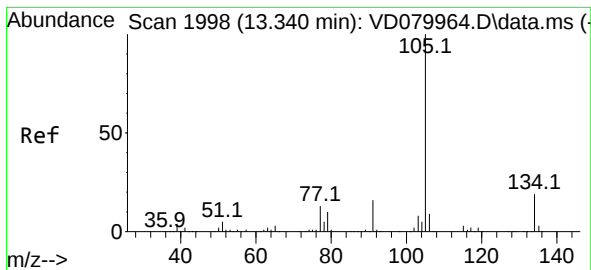
Tgt Ion:105 Resp: 433821

Ion Ratio Lower Upper

105 100

120 45.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 56.582 ug/l

RT: 13.345 min Scan# 1998

Delta R.T. 0.005 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

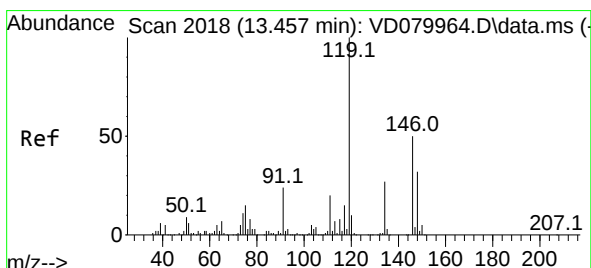
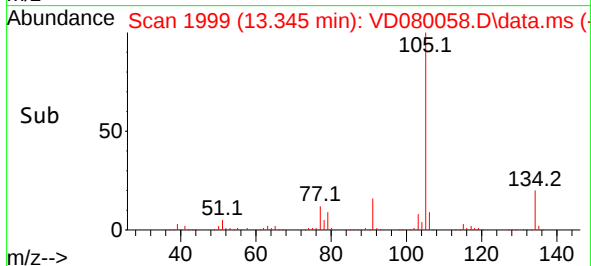
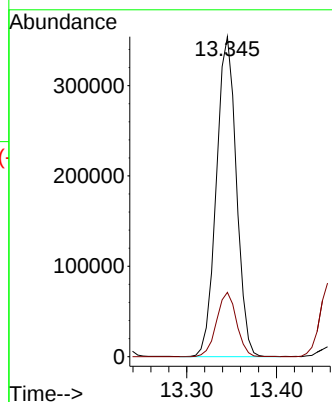
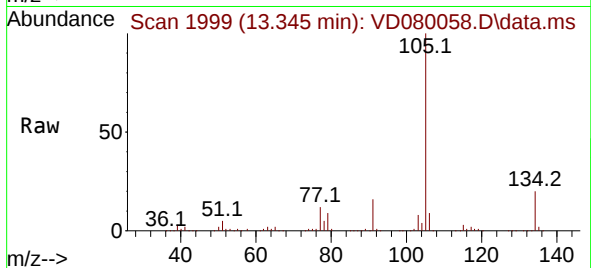
ClientSampleId :

Tgt Ion:105 Resp: 549366

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 57.644 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

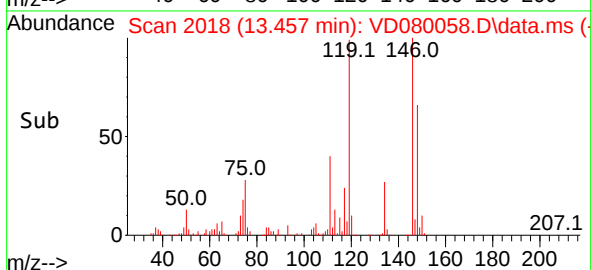
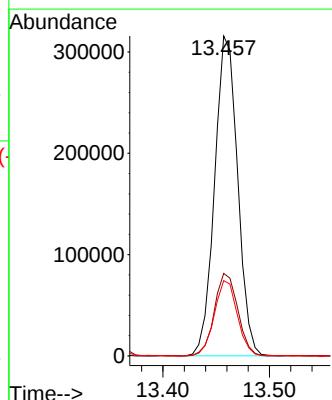
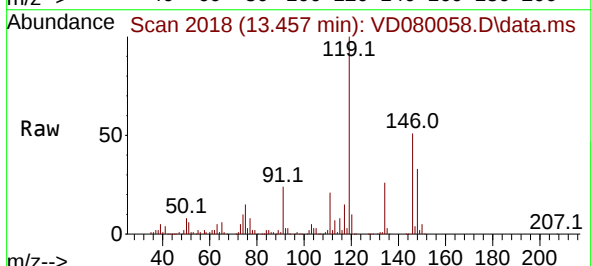
Tgt Ion:119 Resp: 473074

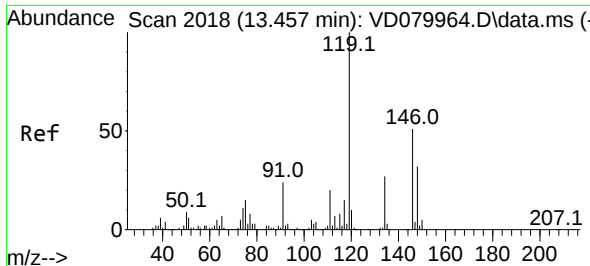
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.7 12.2 36.4

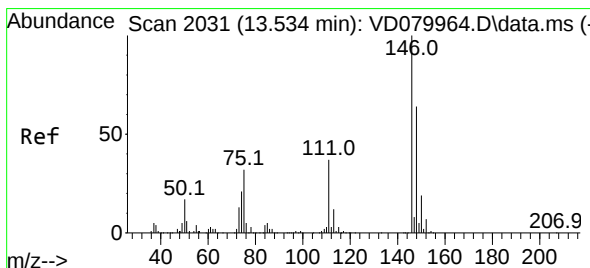
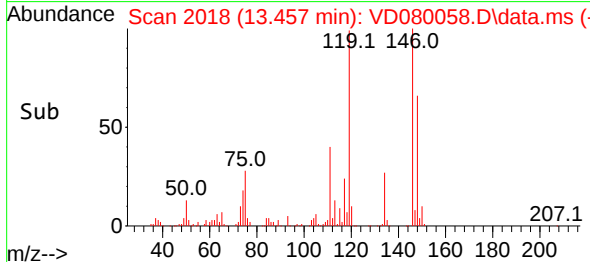
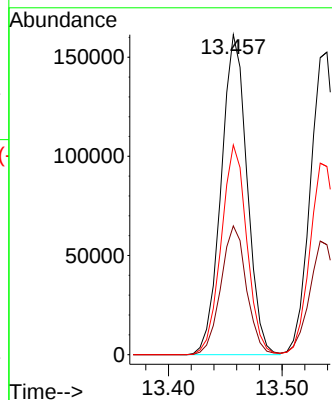
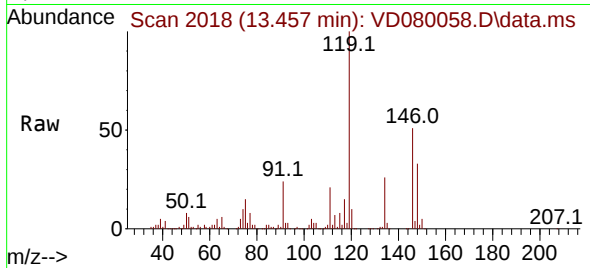




#87
1,3-Dichlorobenzene
Concen: 54.259 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

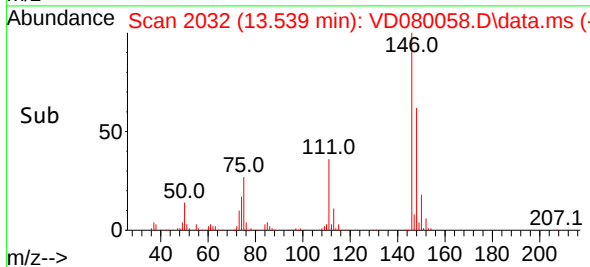
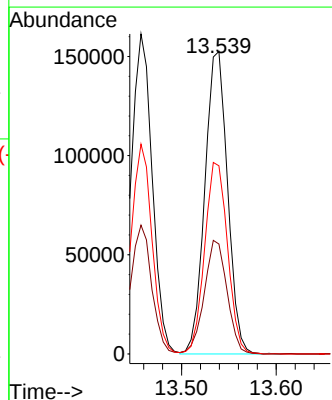
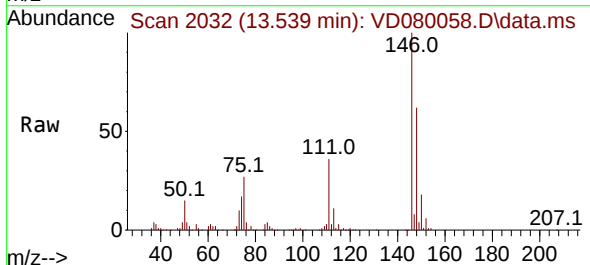
Instrument :
MSVOA_D
ClientSampleId :

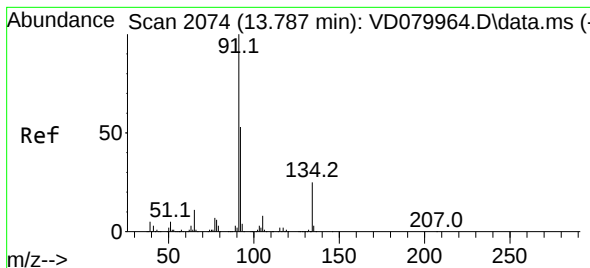
Tgt Ion:146 Resp: 255878
Ion Ratio Lower Upper
146 100
111 39.8 20.0 59.9
148 64.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 53.508 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.005 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion:146 Resp: 253429
Ion Ratio Lower Upper
146 100
111 37.8 19.3 57.8
148 63.9 32.9 98.7





#89

n-Butylbenzene

Concen: 56.989 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.001 min

Lab File: VD080058.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_D

ClientSampleId :

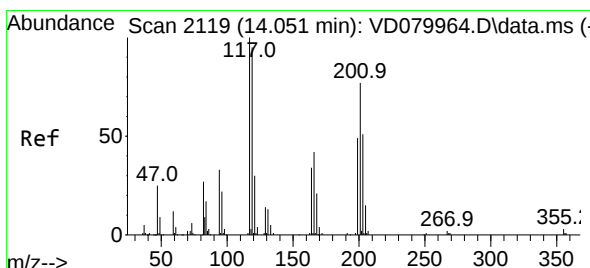
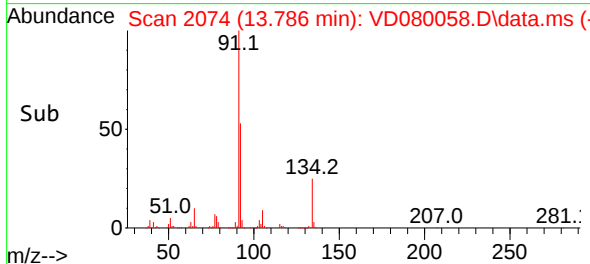
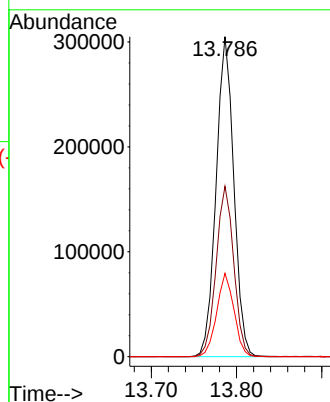
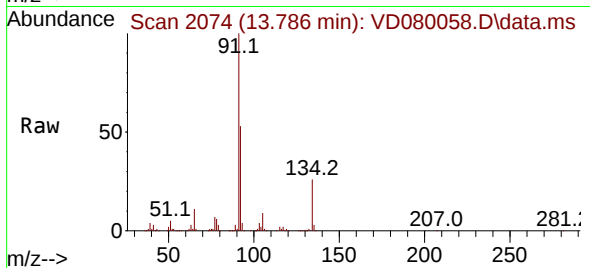
Tgt Ion: 91 Resp: 440006

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 25.4 12.3 36.8



#90

Hexachloroethane

Concen: 53.810 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD080058.D

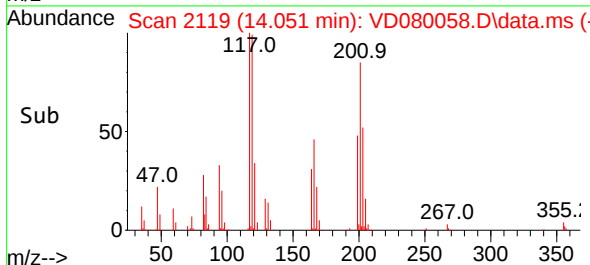
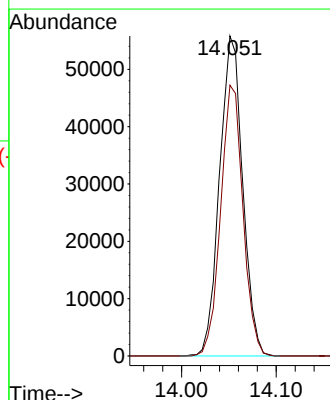
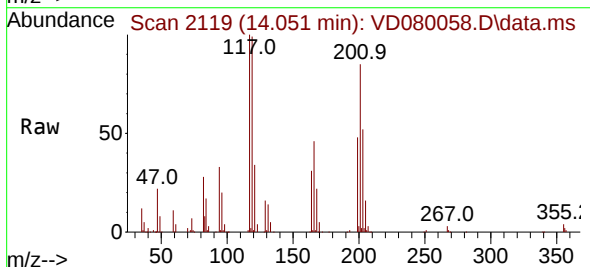
Acq: 18 Nov 2024 09:51

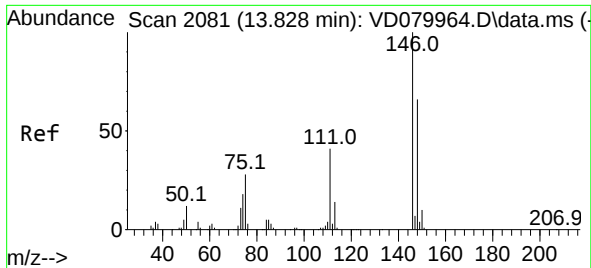
Tgt Ion: 117 Resp: 94669

Ion Ratio Lower Upper

117 100

201 81.7 37.5 112.5

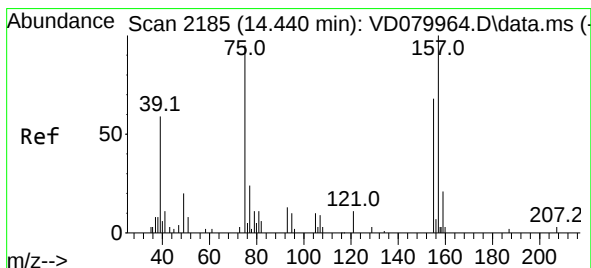
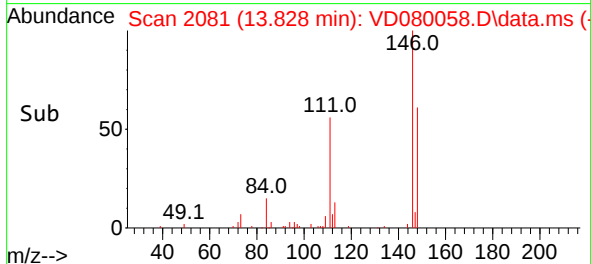
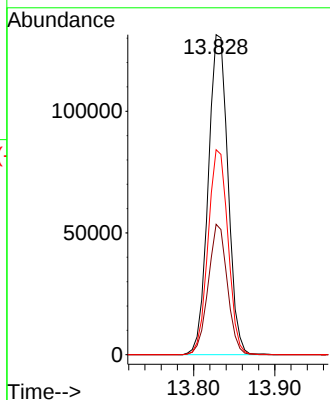
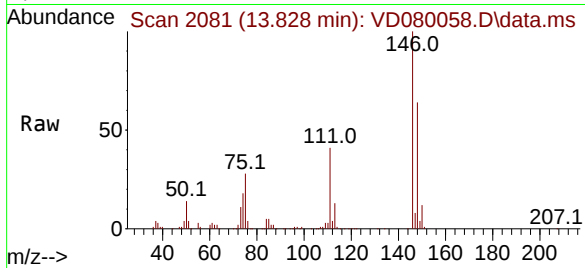




#91
1,2-Dichlorobenzene
Concen: 53.838 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

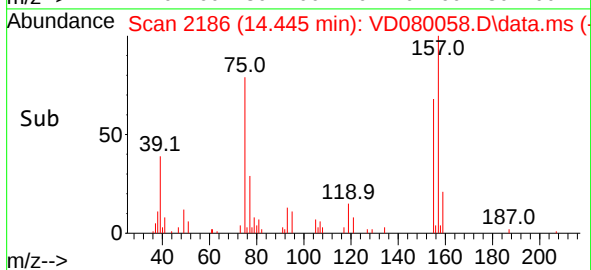
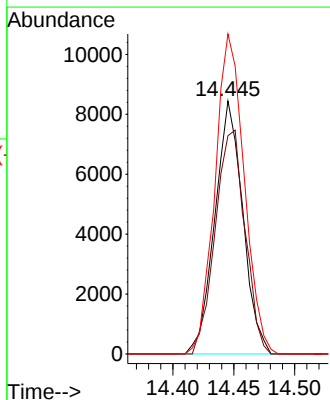
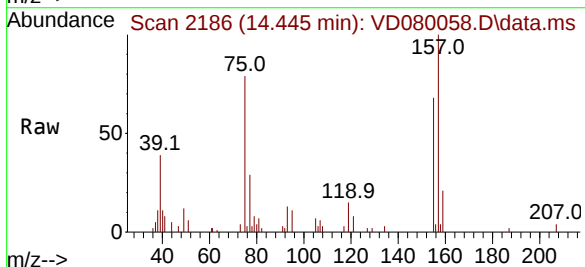
Instrument :
MSVOA_D
ClientSampleId :

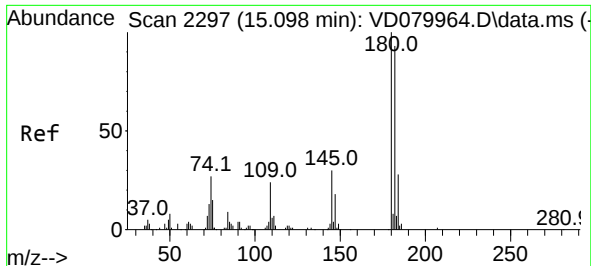
Tgt Ion:146 Resp: 221390
Ion Ratio Lower Upper
146 100
111 39.7 20.6 61.8
148 64.7 32.7 98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.831 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.005 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 75 Resp: 13498
Ion Ratio Lower Upper
75 100
155 94.3 40.6 122.0
157 132.4 53.3 159.9

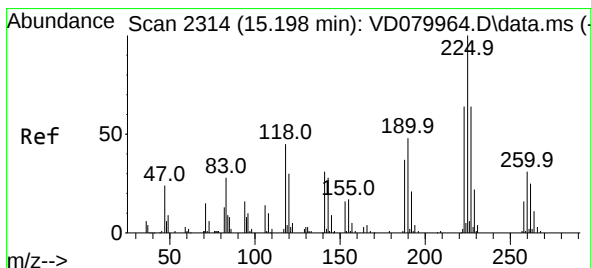
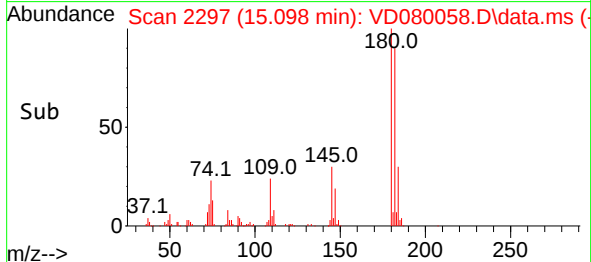
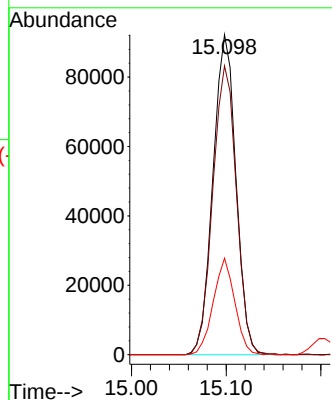
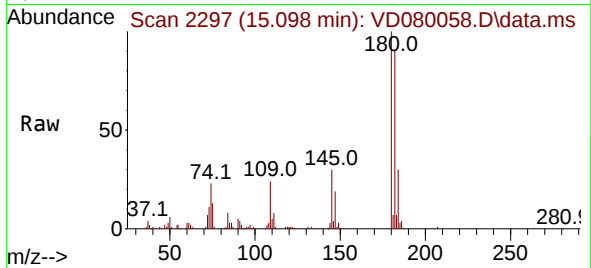




#93
 1,2,4-Trichlorobenzene
 Concen: 60.235 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080058.D
 Acq: 18 Nov 2024 09:51

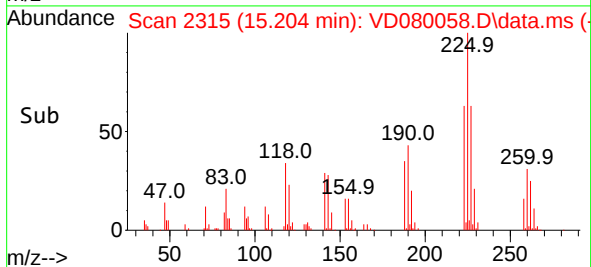
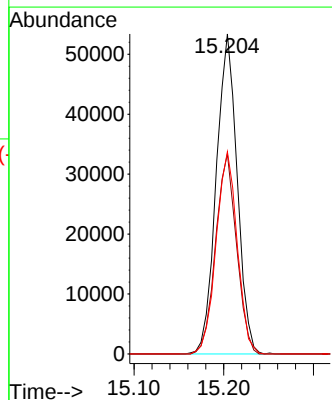
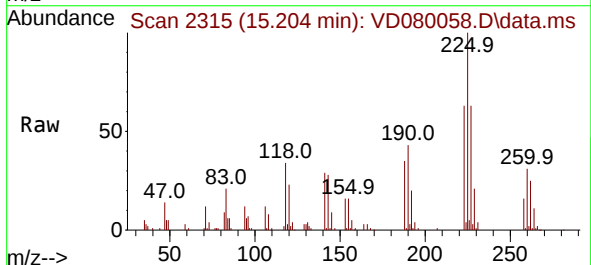
Instrument :
 MSVOA_D
 ClientSampleId :

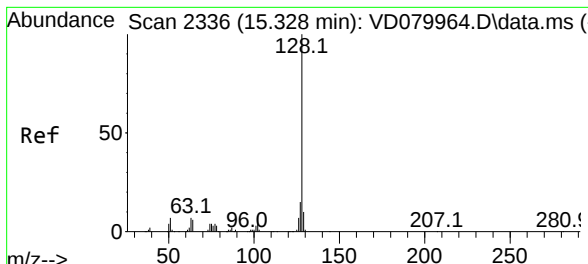
Tgt Ion:180 Resp: 155321
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.4 142.2
 145 28.3 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 62.001 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.006 min
 Lab File: VD080058.D
 Acq: 18 Nov 2024 09:51

Tgt Ion:225 Resp: 86408
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.5 94.5
 227 63.7 30.9 92.5

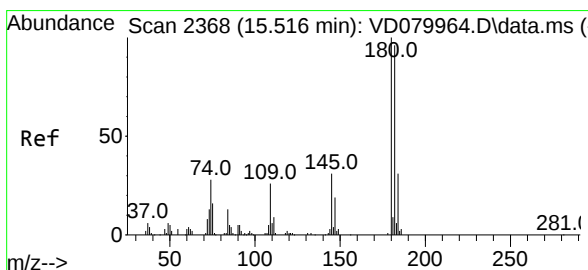
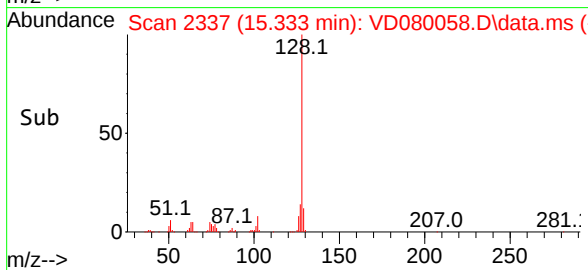
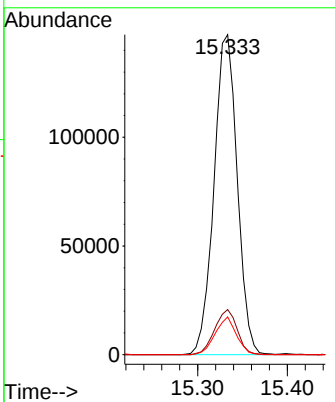
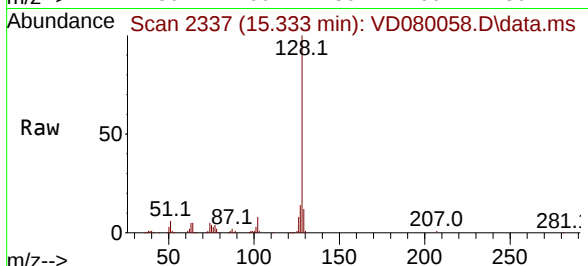




#95
Naphthalene
Concen: 60.465 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	264830
Ion	Ratio	Lower	Upper
128	100		
127	14.1	11.8	17.8
129	11.8	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 56.965 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD080058.D
Acq: 18 Nov 2024 09:51

Tgt Ion:	180	Resp:	128996
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	31.7	15.7	47.0

