

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080041.D
 Acq On : 17 Nov 2024 14:52
 Operator : RP/MD
 Sample : VD1117SBSD01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:22:58 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	212267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	323009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	296184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	169441	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95540	43.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.440%
35) Dibromofluoromethane	7.804	113	96216	44.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.520%
50) Toluene-d8	10.269	98	363664	44.884	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.760%
62) 4-Bromofluorobenzene	12.575	95	120936	45.494	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	29021	17.035	ug/l	96
3) Chloromethane	2.146	50	20726	16.544	ug/l	90
4) Vinyl Chloride	2.287	62	24787	17.330	ug/l	99
5) Bromomethane	2.687	94	27163	17.096	ug/l	99
6) Chloroethane	2.834	64	21728	21.253	ug/l	90
7) Trichlorofluoromethane	3.181	101	68435	19.481	ug/l	94
8) Diethyl Ether	3.599	74	20492	19.982	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	41143	18.748	ug/l	97
10) Methyl Iodide	4.169	142	49455	18.207	ug/l	94
11) Tert butyl alcohol	5.069	59	12146	106.794	ug/l #	95
12) 1,1-Dichloroethene	3.940	96	40049	18.208	ug/l	92
13) Acrolein	3.799	56	20282	92.938	ug/l	94
14) Allyl chloride	4.569	41	55865	17.918	ug/l	98
15) Acrylonitrile	5.252	53	46557	102.194	ug/l	99
16) Acetone	4.028	43	45207	95.335	ug/l	96
17) Carbon Disulfide	4.275	76	126997	17.931	ug/l	99
18) Methyl Acetate	4.563	43	21068	20.033	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	88594	19.744	ug/l #	90
20) Methylene Chloride	4.805	84	51288	20.168	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	44519	18.309	ug/l	98
22) Diisopropyl ether	6.216	45	123708	19.594	ug/l #	96
23) Vinyl Acetate	6.158	43	353123	97.624	ug/l	99
24) 1,1-Dichloroethane	6.116	63	78772	18.759	ug/l	95
25) 2-Butanone	7.081	43	56468	91.127	ug/l	90
26) 2,2-Dichloropropane	7.081	77	65651	17.986	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	51076	18.304	ug/l	97
28) Bromochloromethane	7.428	49	33808	18.092	ug/l	95
29) Tetrahydrofuran	7.452	42	33007	97.242	ug/l	99
30) Chloroform	7.599	83	83477	18.870	ug/l	95
31) Cyclohexane	7.875	56	61672	17.329	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	70709	18.677	ug/l	97
36) 1,1-Dichloropropene	8.004	75	55448	18.863	ug/l	99
37) Ethyl Acetate	7.169	43	26229	20.759	ug/l #	94
38) Carbon Tetrachloride	7.993	117	60877	18.955	ug/l	93
39) Methylcyclohexane	9.275	83	64155	18.331	ug/l	92
40) Benzene	8.252	78	178067	19.434	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	13489	19.783	ug/l	98
42) 1,2-Dichloroethane	8.322	62	50039	21.102	ug/l	99
43) Isopropyl Acetate	8.363	43	47629	20.795	ug/l	99
44) Trichloroethene	9.028	130	46444	19.589	ug/l	100
45) 1,2-Dichloropropane	9.299	63	44406	20.167	ug/l	93
46) Dibromomethane	9.393	93	26153	20.420	ug/l	99
47) Bromodichloromethane	9.581	83	64381	20.083	ug/l	100
48) Methyl methacrylate	9.381	41	22753	20.809	ug/l	96
49) 1,4-Dioxane	9.387	88	5414	460.814	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	122033	105.017	ug/l	99
52) Toluene	10.334	92	113923	20.008	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	56990	19.943	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	66392	19.624	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	34956	20.630	ug/l	98
56) Ethyl methacrylate	10.598	69	40398	20.504	ug/l	94
57) 1,3-Dichloropropane	10.875	76	56184	20.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	75937	101.902	ug/l	100
59) 2-Hexanone	10.922	43	88060	103.027	ug/l	100
60) Dibromochloromethane	11.069	129	45628	20.921	ug/l	99
61) 1,2-Dibromoethane	11.175	107	32800	20.531	ug/l	94
64) Tetrachloroethene	10.810	164	40362	19.136	ug/l	98
65) Chlorobenzene	11.604	112	126011	19.504	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	43676	19.420	ug/l	99
67) Ethyl Benzene	11.681	91	203505	18.772	ug/l	96
68) m/p-Xylenes	11.793	106	163233	38.528	ug/l	99
69) o-Xylene	12.122	106	72736	19.099	ug/l	97
70) Styrene	12.134	104	133893	19.697	ug/l	99
71) Bromoform	12.298	173	27798	20.963	ug/l #	96
73) Isopropylbenzene	12.422	105	193084	17.670	ug/l	100
74) N-amyl acetate	12.234	43	44486	18.477	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	40527	19.299	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	49016	32.760	ug/l #	100
77) Bromobenzene	12.698	156	52598	18.522	ug/l	97
78) n-propylbenzene	12.763	91	243204	18.010	ug/l	100
79) 2-Chlorotoluene	12.845	91	143157	18.077	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	167232	18.083	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	13854	18.951	ug/l	98
82) 4-Chlorotoluene	12.945	91	154109	18.204	ug/l	98
83) tert-Butylbenzene	13.163	119	137629	17.184	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	174477	18.781	ug/l	100
85) sec-Butylbenzene	13.345	105	217500	18.372	ug/l	97
86) p-Isopropyltoluene	13.457	119	187872	18.774	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	109943	19.119	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	112252	19.437	ug/l	98
89) n-Butylbenzene	13.787	91	161016	17.103	ug/l	96
90) Hexachloroethane	14.051	117	37761	17.602	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	97375	19.420	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6084	19.159	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	56881	18.091	ug/l	100
94) Hexachlorobutadiene	15.198	225	29940	17.618	ug/l	98
95) Naphthalene	15.328	128	97532	18.262	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	51237	18.556	ug/l	99

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

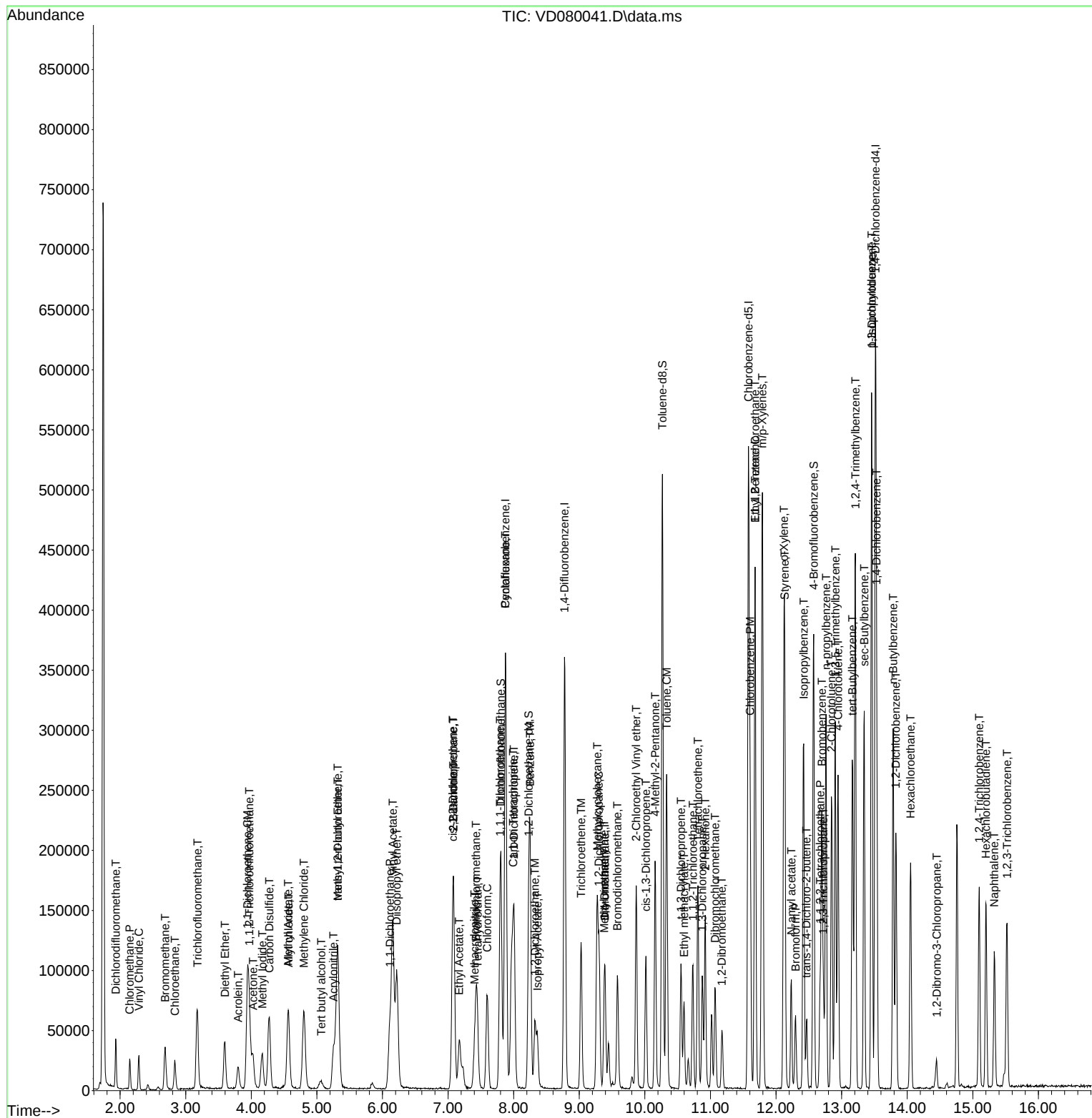
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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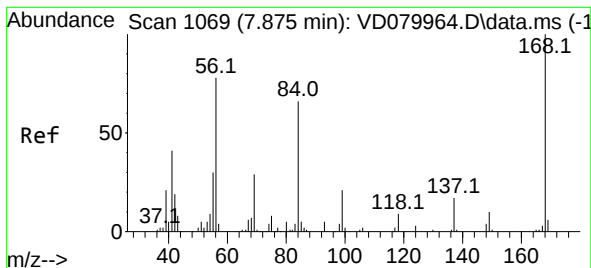
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

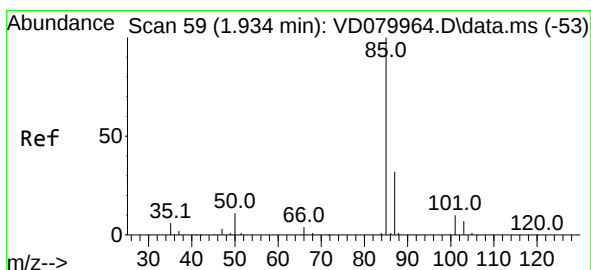
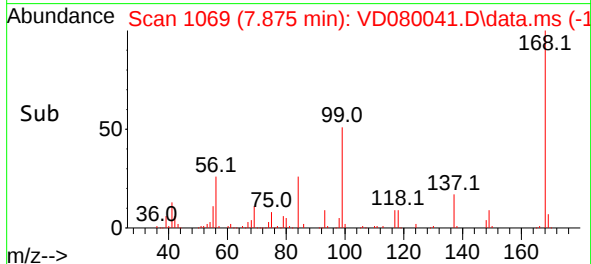
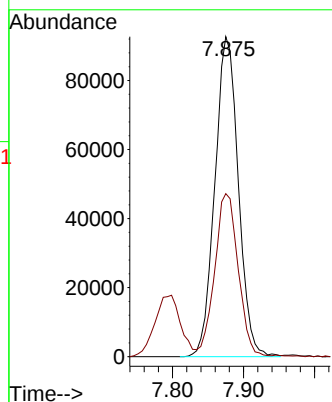
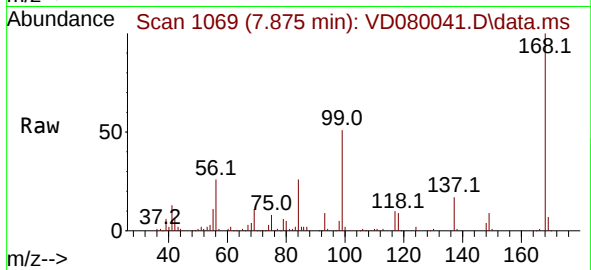
ClientSampleId :

Tgt Ion:168 Resp: 212267

Ion Ratio Lower Upper

168 100

99 50.6 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 17.035 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD080041.D

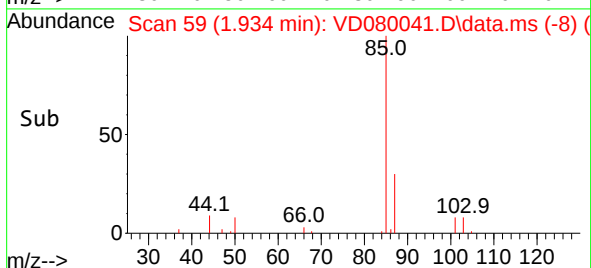
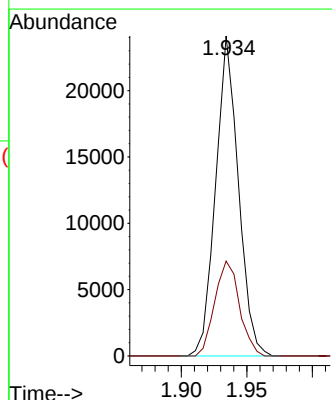
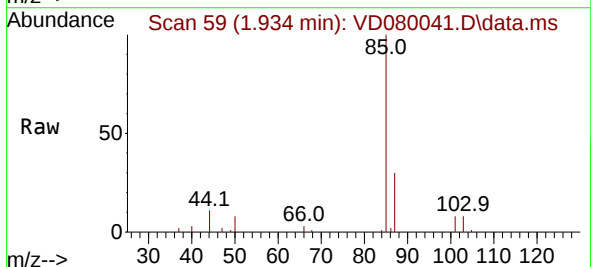
Acq: 17 Nov 2024 14:52

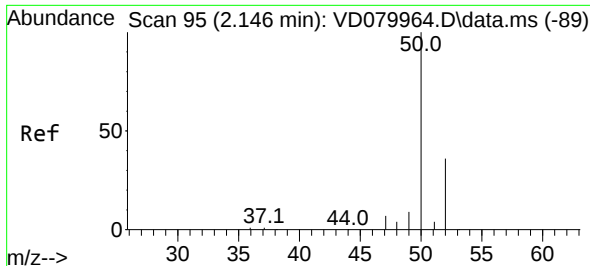
Tgt Ion: 85 Resp: 29021

Ion Ratio Lower Upper

85 100

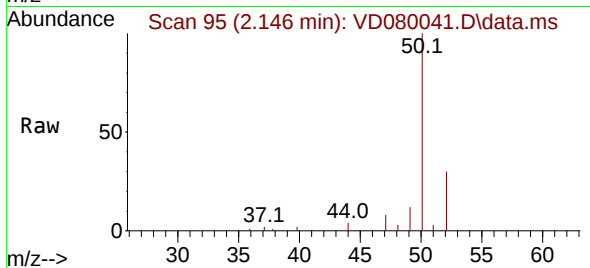
87 29.6 16.1 48.2



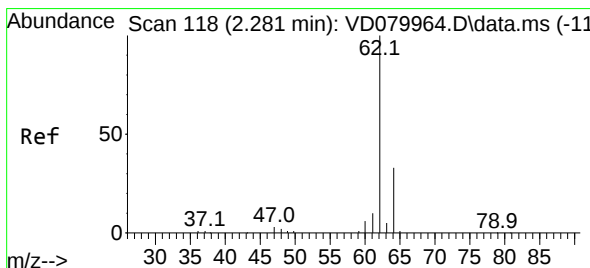
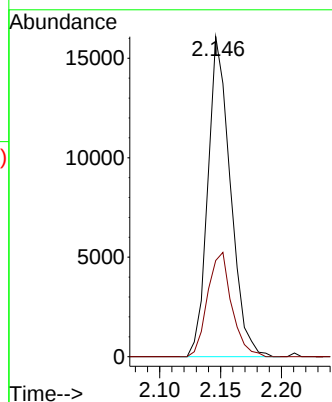
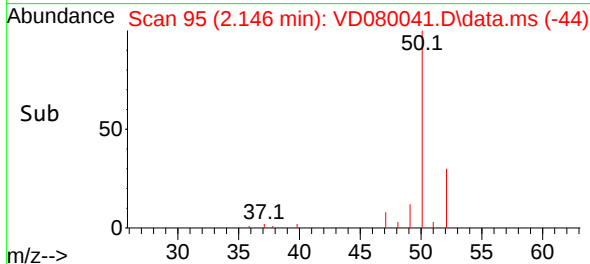


#3
Chloromethane
Concen: 16.544 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Instrument :
MSVOA_D
ClientSampleId :

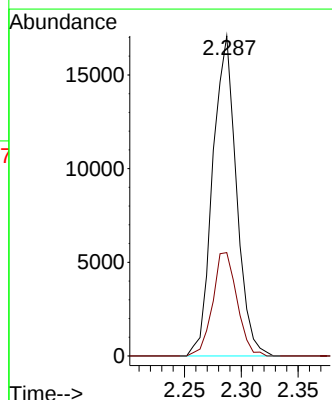
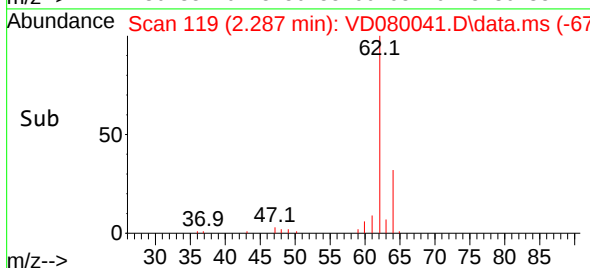
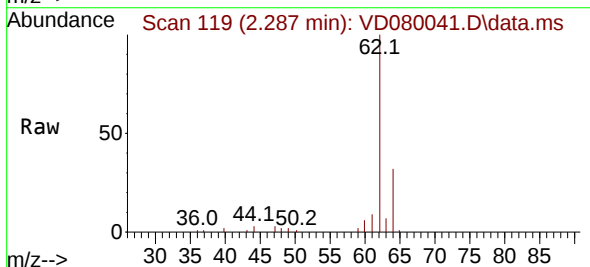


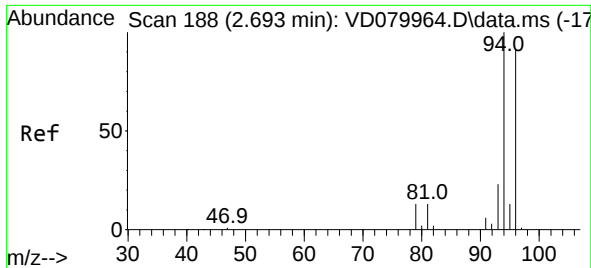
Tgt Ion: 50 Resp: 20726
Ion Ratio Lower Upper
50 100
52 30.1 28.8 43.2



#4
Vinyl Chloride
Concen: 17.330 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 62 Resp: 24787
Ion Ratio Lower Upper
62 100
64 32.3 26.5 39.7

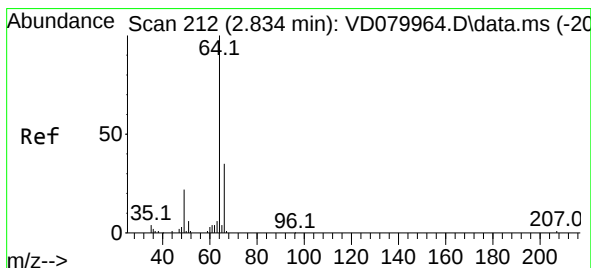
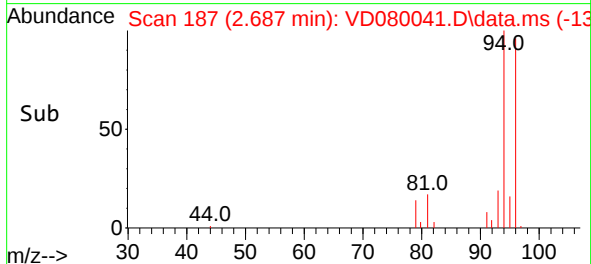
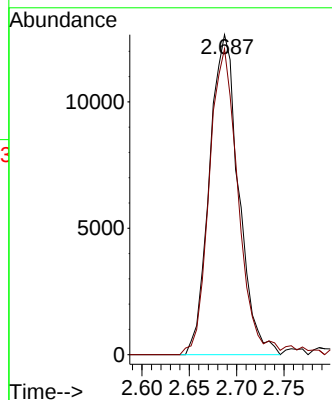
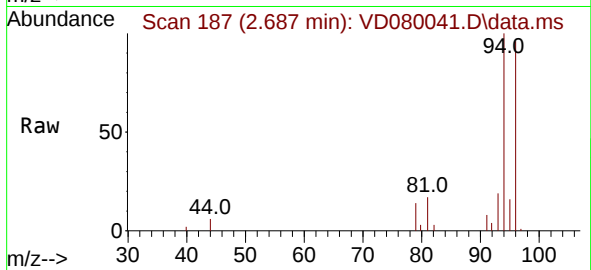




#5
Bromomethane
Concen: 17.096 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

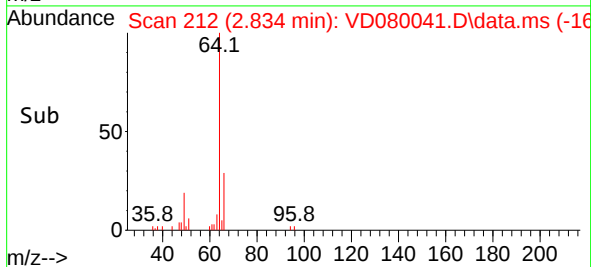
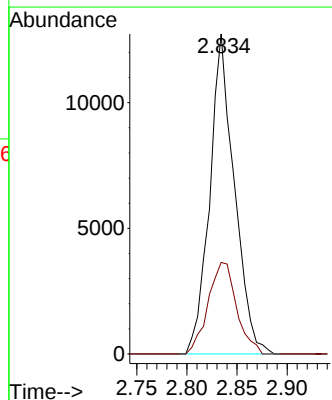
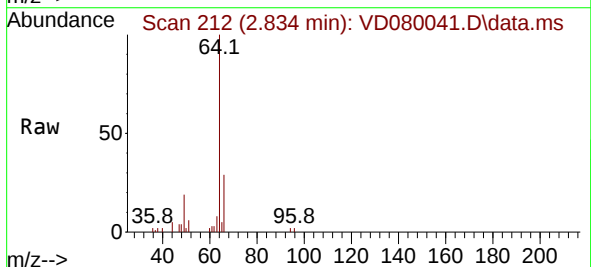
Instrument :
MSVOA_D
ClientSampleId :

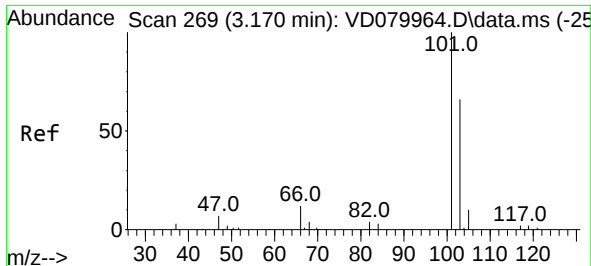
Tgt Ion: 94 Resp: 27163
Ion Ratio Lower Upper
94 100
96 94.2 76.2 114.2



#6
Chloroethane
Concen: 21.253 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 64 Resp: 21728
Ion Ratio Lower Upper
64 100
66 28.6 27.6 41.4

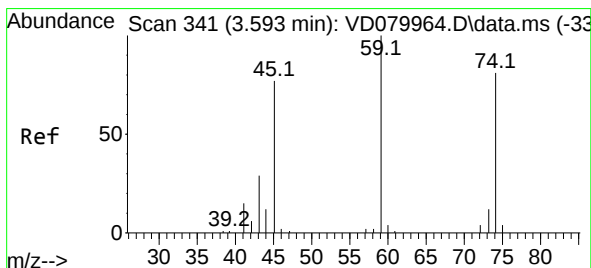
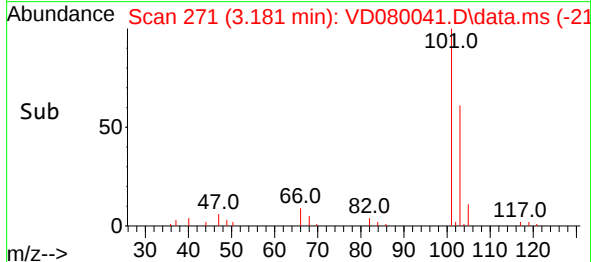
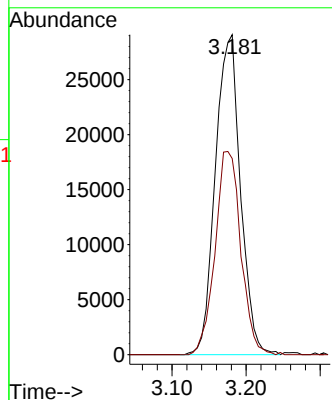
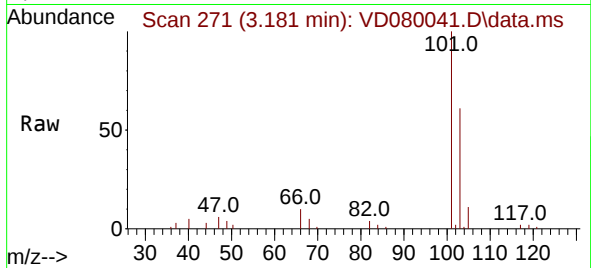




#7
Trichlorofluoromethane
Concen: 19.481 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.011 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

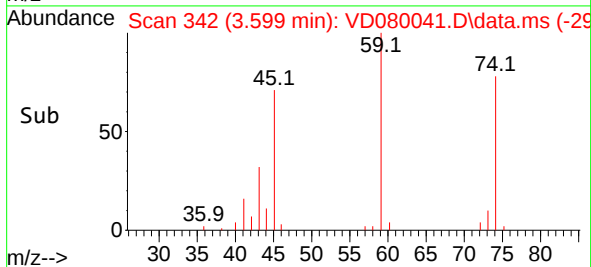
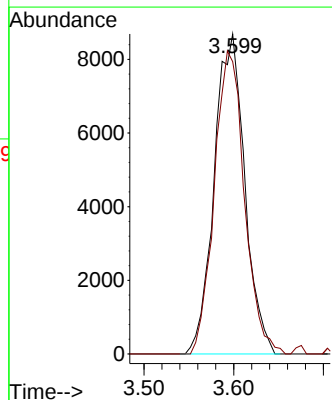
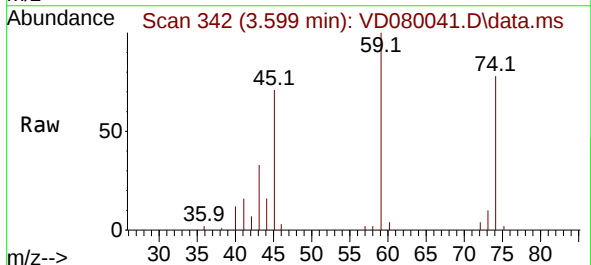
Instrument :
MSVOA_D
ClientSampleId :

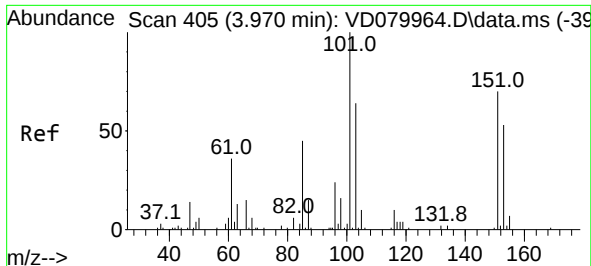
Tgt Ion:101 Resp: 68435
Ion Ratio Lower Upper
101 100
103 61.3 53.0 79.6



#8
Diethyl Ether
Concen: 19.982 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 74 Resp: 20492
Ion Ratio Lower Upper
74 100
45 93.6 47.8 143.3

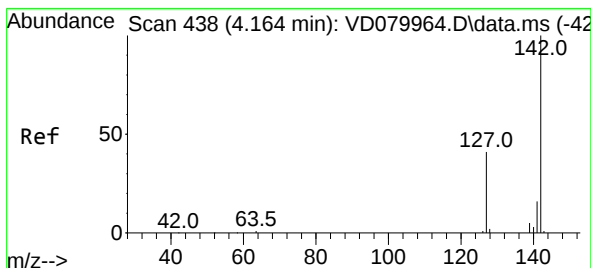
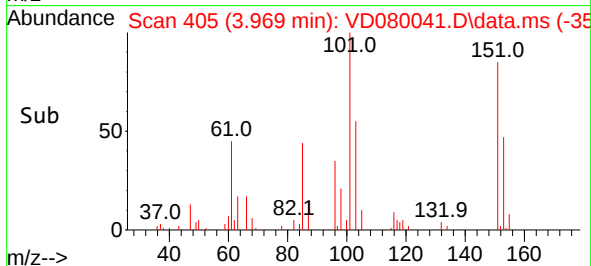
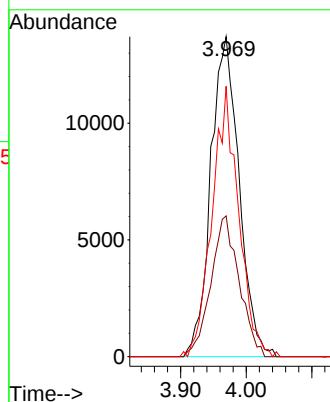
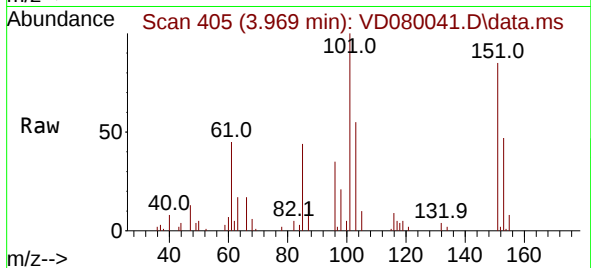




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.748 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

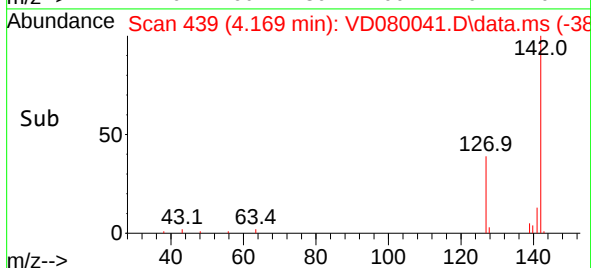
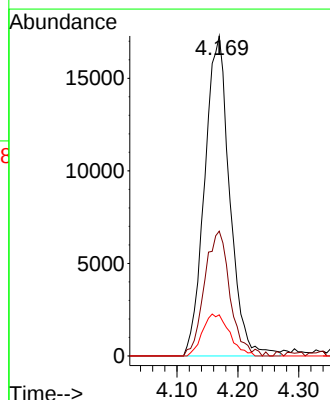
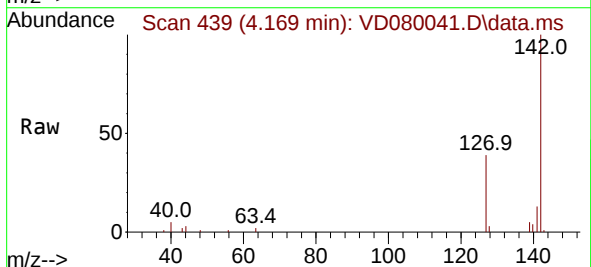
Instrument :
MSVOA_D
ClientSampleId :

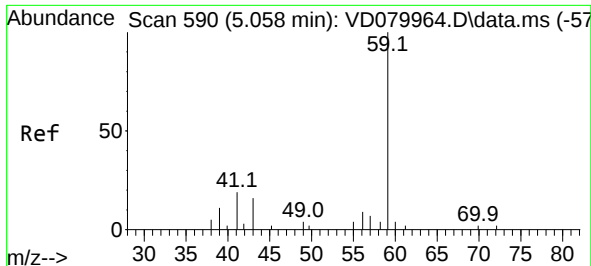
Tgt Ion:101 Resp: 41143
Ion Ratio Lower Upper
101 100
85 43.9 35.3 52.9
151 79.0 60.3 90.5



#10
Methyl Iodide
Concen: 18.207 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion:142 Resp: 49455
Ion Ratio Lower Upper
142 100
127 39.8 35.3 52.9
141 14.0 12.2 18.2





#11

Tert butyl alcohol

Concen: 106.794 ug/l

RT: 5.069 min Scan# 59

Delta R.T. 0.011 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

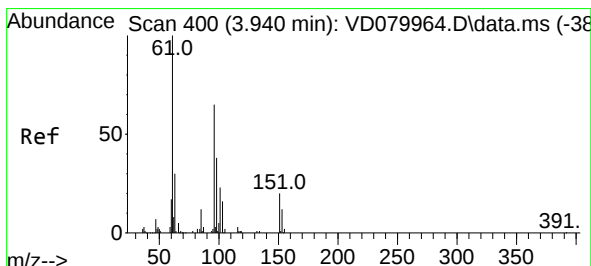
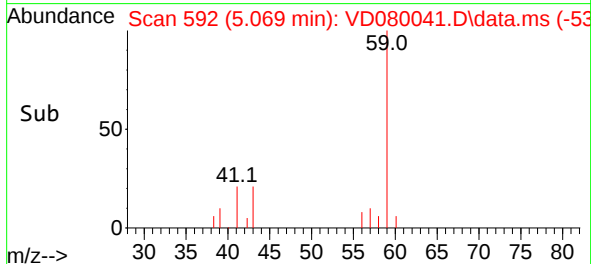
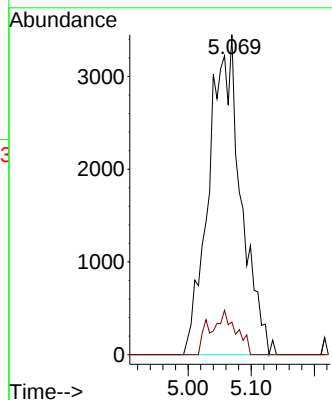
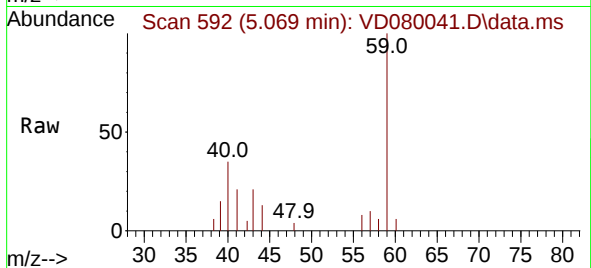
ClientSampleId :

Tgt Ion: 59 Resp: 12146

Ion Ratio Lower Upper

59 100

57 7.8 4.8 7.2#



#12

1,1-Dichloroethene

Concen: 18.208 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

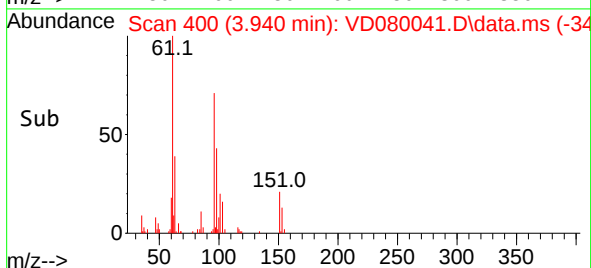
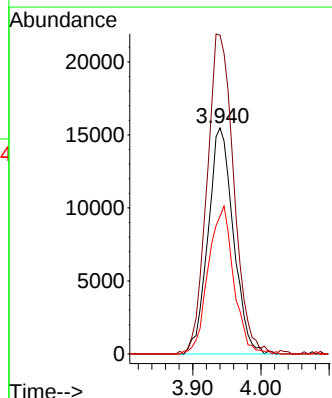
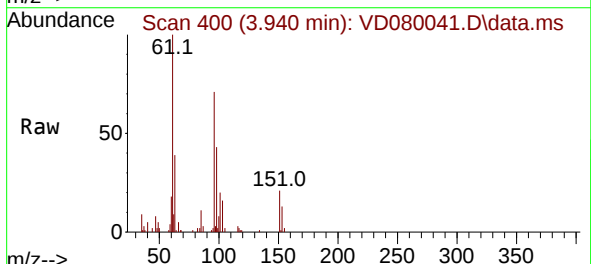
Tgt Ion: 96 Resp: 40049

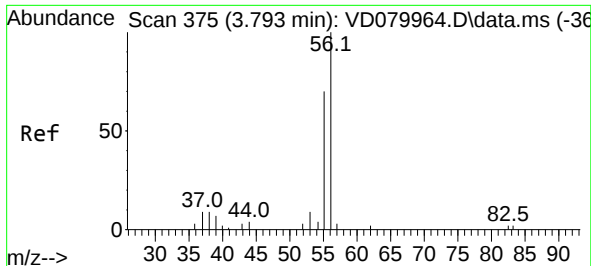
Ion Ratio Lower Upper

96 100

61 139.8 122.6 184.0

98 60.9 47.1 70.7

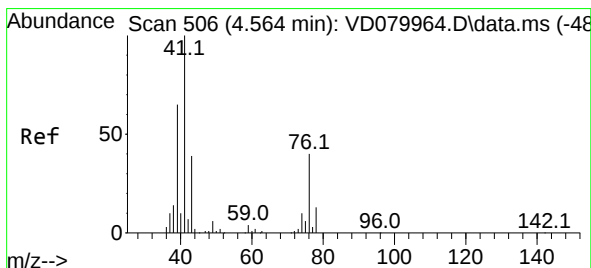
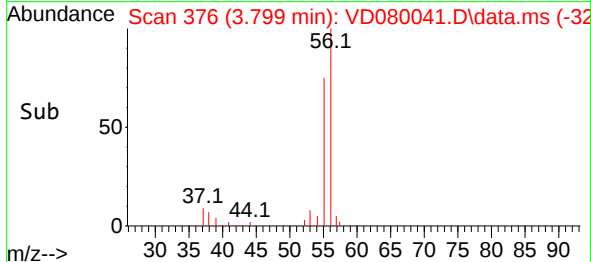
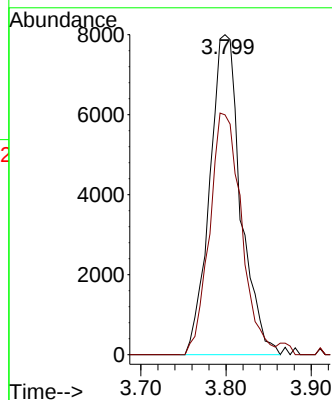
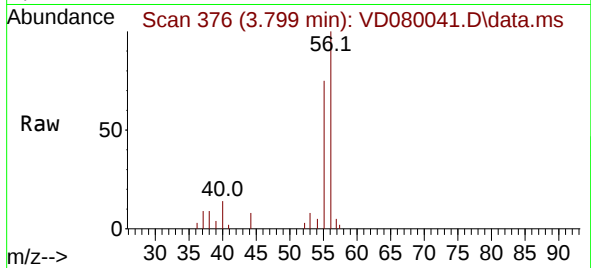




#13
Acrolein
Concen: 92.938 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

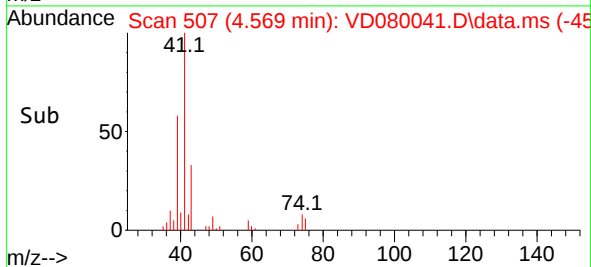
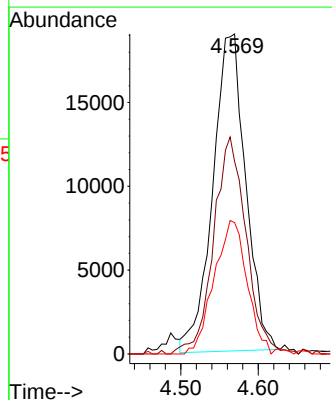
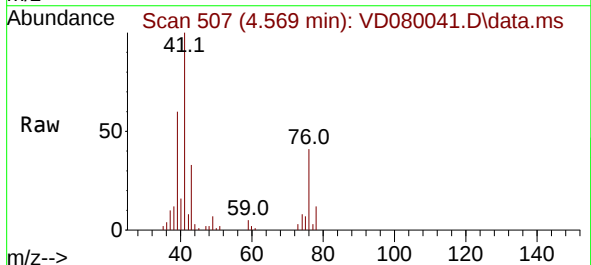
Instrument :
MSVOA_D
ClientSampleId :

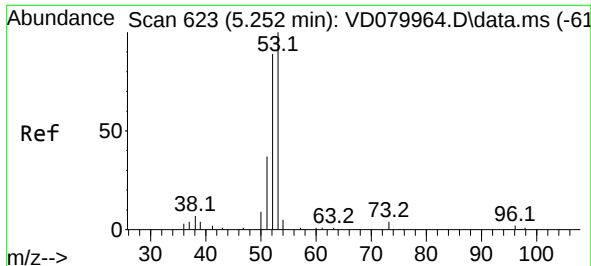
Tgt Ion: 56 Resp: 20282
Ion Ratio Lower Upper
56 100
55 77.4 58.2 87.2



#14
Allyl chloride
Concen: 17.918 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

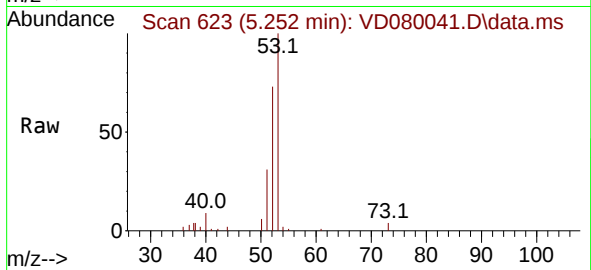
Tgt Ion: 41 Resp: 55865
Ion Ratio Lower Upper
41 100
39 67.7 53.3 79.9
76 42.2 32.0 48.0



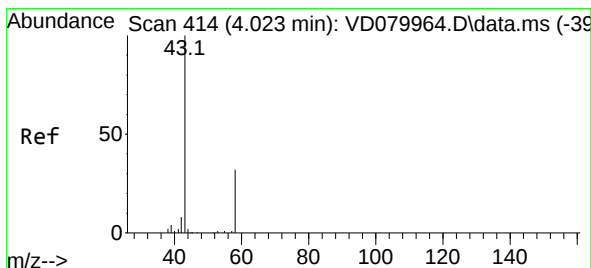
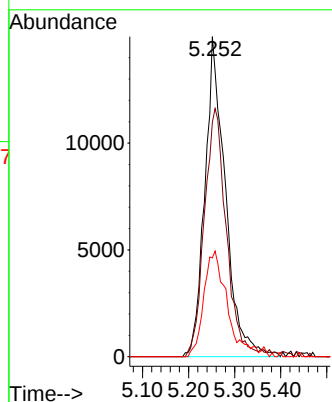
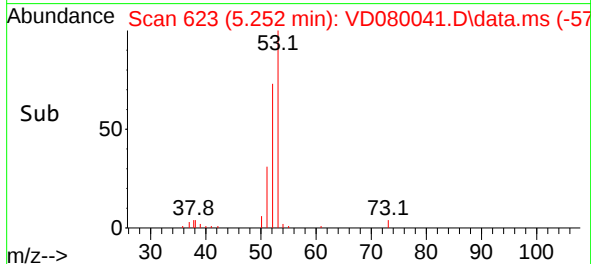


#15
Acrylonitrile
Concen: 102.194 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Instrument :
MSVOA_D
ClientSampleId :

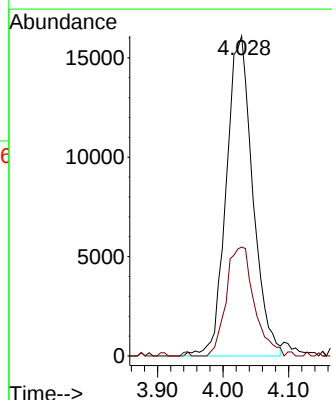
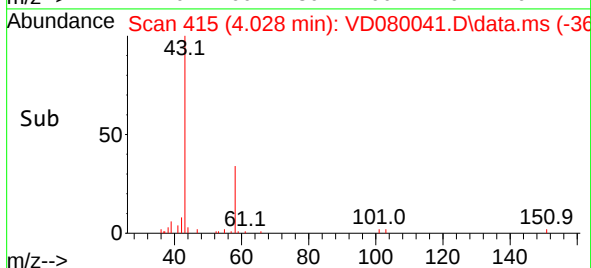
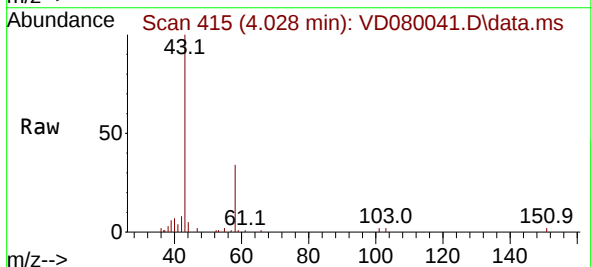


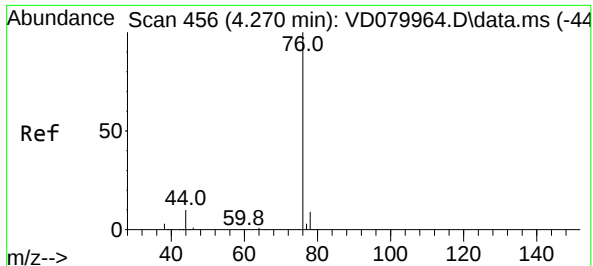
Tgt Ion: 53 Resp: 46557
Ion Ratio Lower Upper
53 100
52 82.1 66.2 99.4
51 37.4 30.3 45.5



#16
Acetone
Concen: 95.335 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 43 Resp: 45207
Ion Ratio Lower Upper
43 100
58 34.0 25.4 38.2

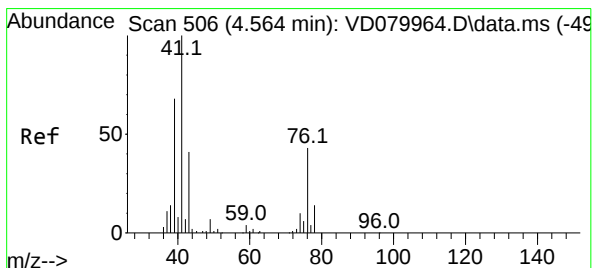
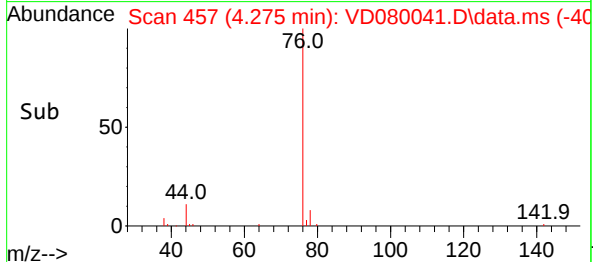
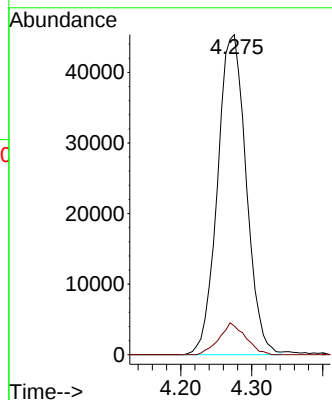
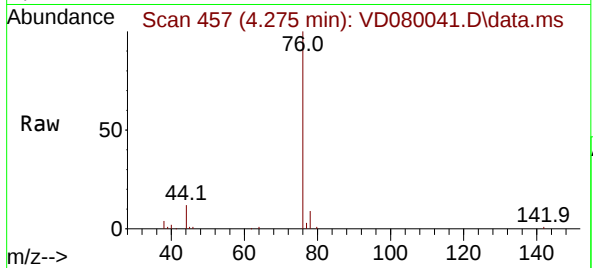




#17
Carbon Disulfide
Concen: 17.931 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.005 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

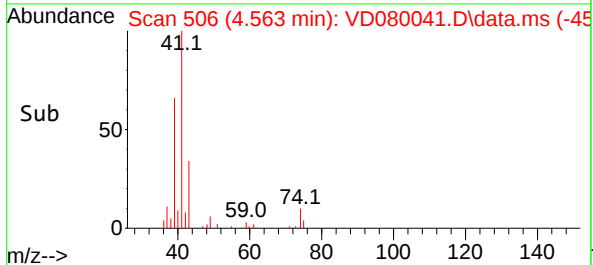
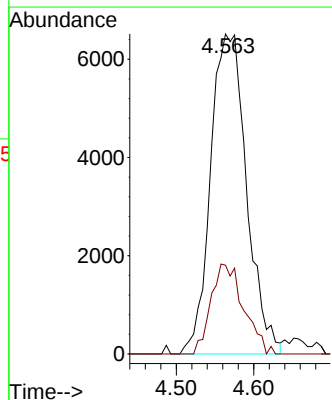
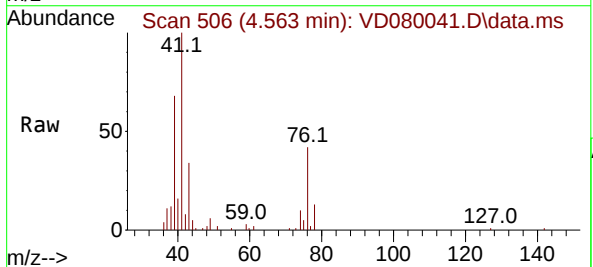
Instrument :
MSVOA_D
ClientSampleId :

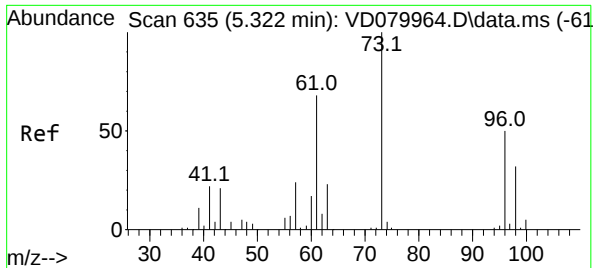
Tgt Ion: 76 Resp: 126997
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 20.033 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 43 Resp: 21068
Ion Ratio Lower Upper
43 100
74 25.5 20.5 30.7





#19

Methyl tert-butyl Ether

Concen: 19.744 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

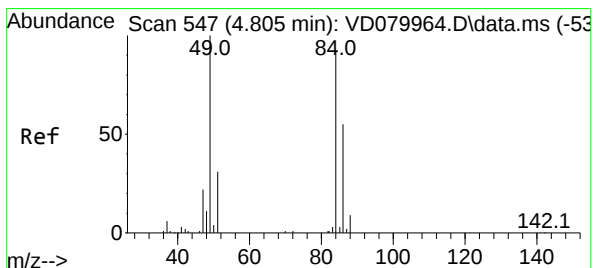
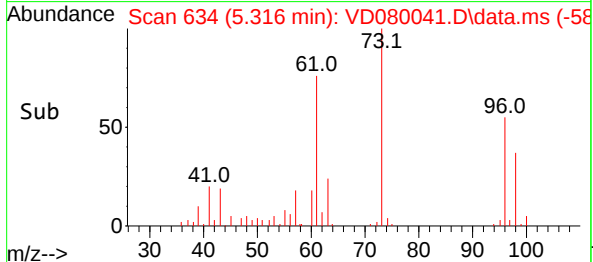
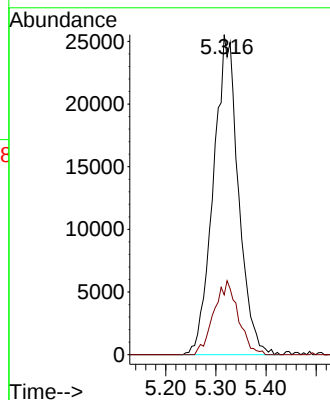
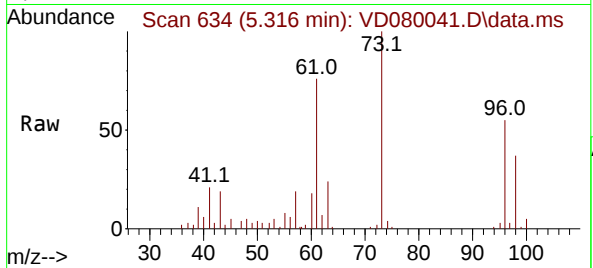
ClientSampleId :

Tgt Ion: 73 Resp: 88594

Ion Ratio Lower Upper

73 100

57 18.7 18.8 28.2#



#20

Methylene Chloride

Concen: 20.168 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Tgt Ion: 84 Resp: 51288

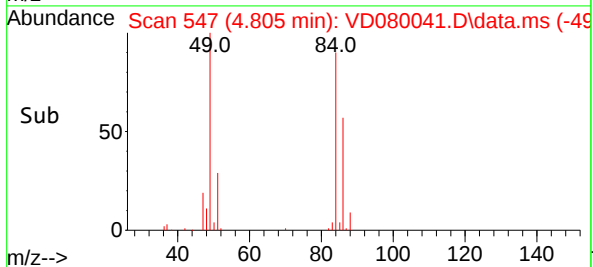
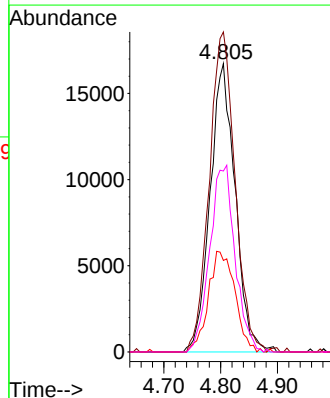
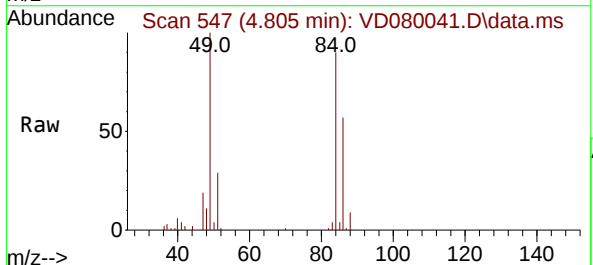
Ion Ratio Lower Upper

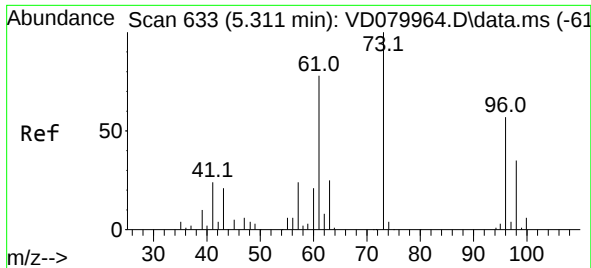
84 100

49 111.0 86.5 129.7

51 31.7 26.9 40.3

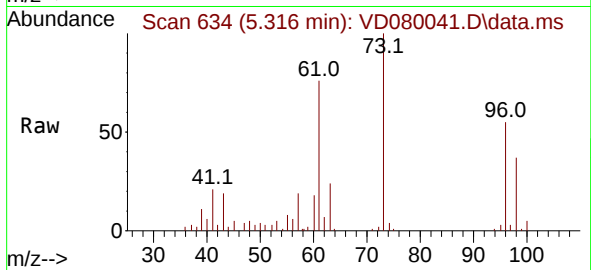
86 62.8 47.2 70.8



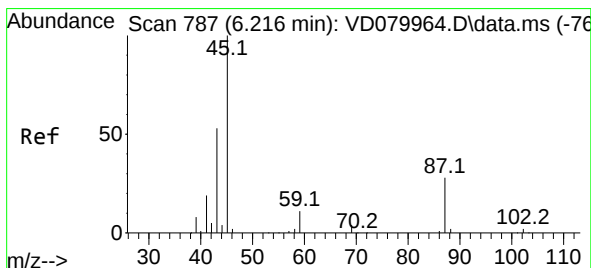
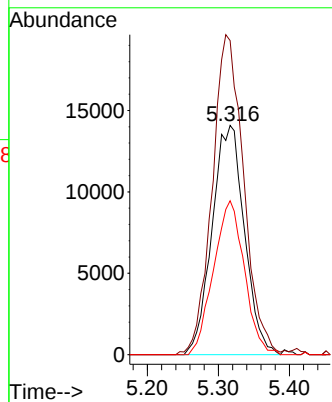
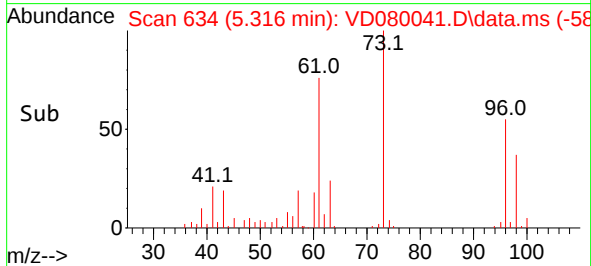


#21
trans-1,2-Dichloroethene
Concen: 18.309 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.005 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Instrument :
MSVOA_D
ClientSampleId :

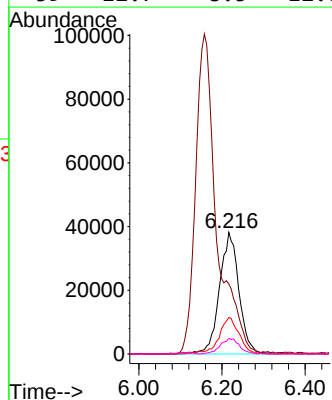
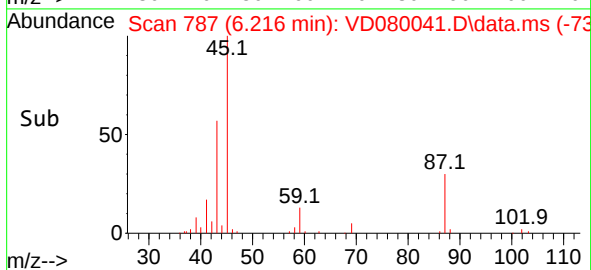
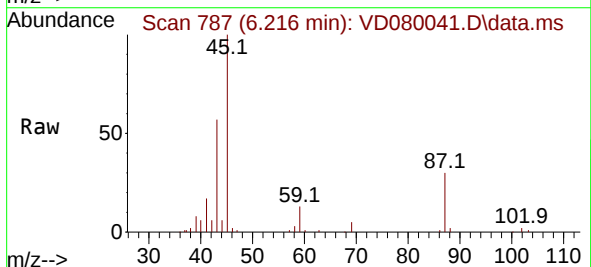


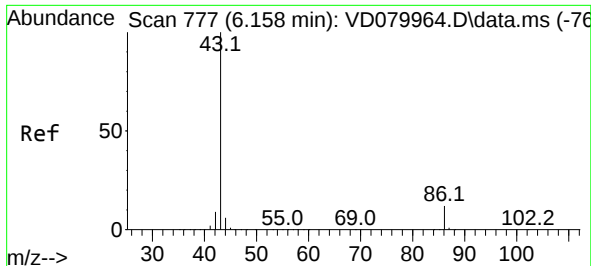
Tgt Ion: 96 Resp: 44519
Ion Ratio Lower Upper
96 100
61 135.9 109.4 164.0
98 67.1 49.8 74.8



#22
Diisopropyl ether
Concen: 19.594 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 45 Resp: 123708
Ion Ratio Lower Upper
45 100
43 56.3 42.6 63.8
87 30.1 22.7 34.1
59 12.7 8.5 12.7#

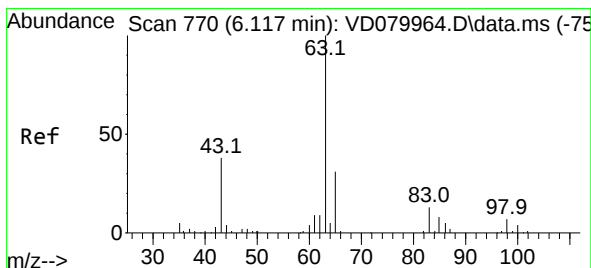
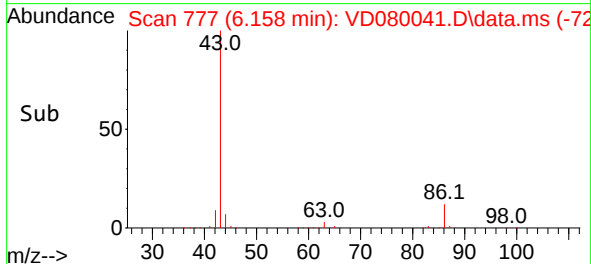
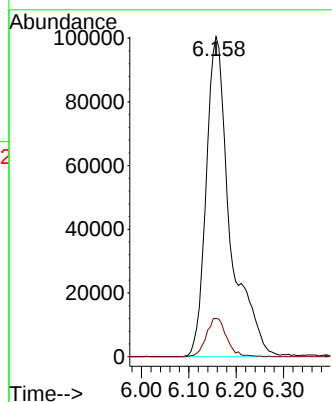
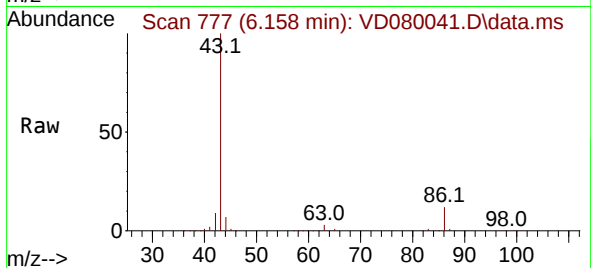




#23
 Vinyl Acetate
 Concen: 97.624 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

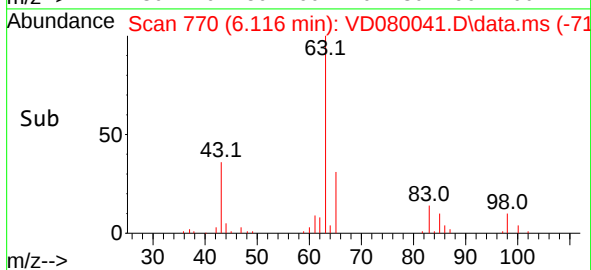
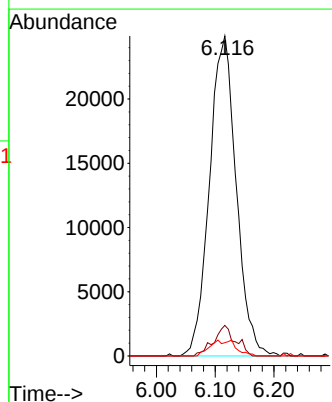
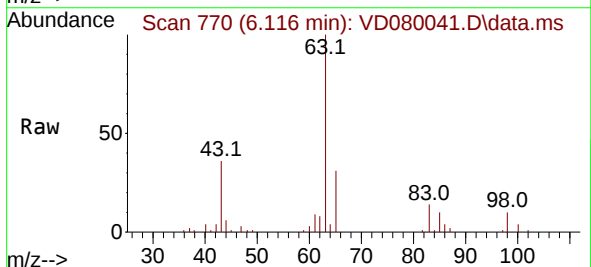
Instrument :
 MSVOA_D
 ClientSampleId :

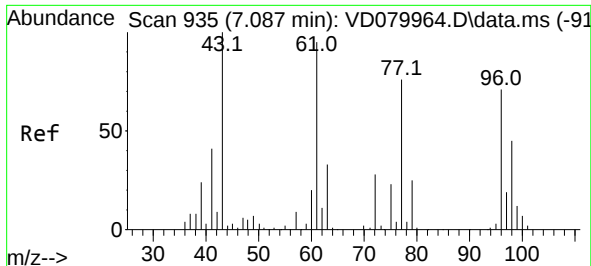
Tgt Ion: 43 Resp: 353123
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 18.759 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

Tgt Ion: 63 Resp: 78772
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.5 10.6
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 91.127 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

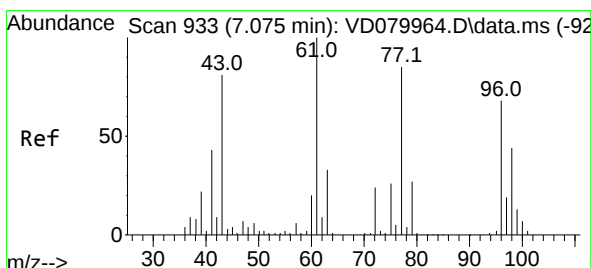
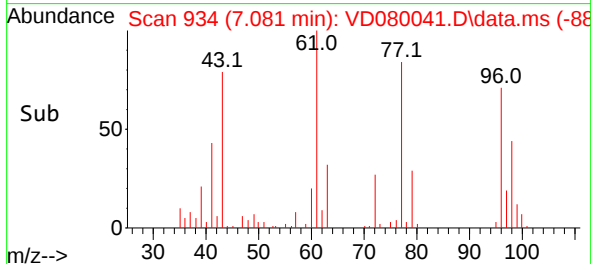
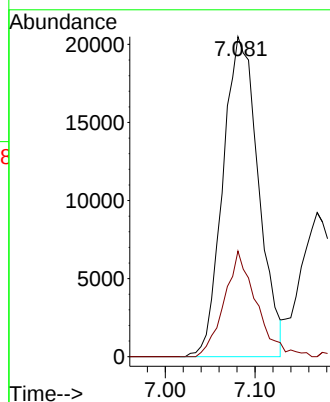
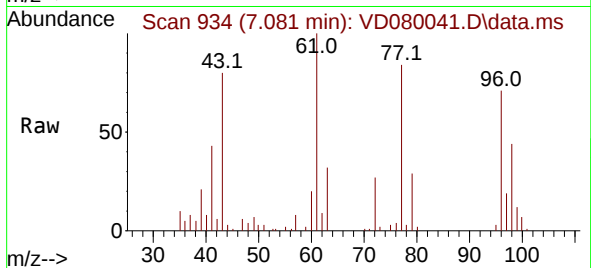
ClientSampleId :

Tgt Ion: 43 Resp: 56468

Ion Ratio Lower Upper

43 100

72 33.0 22.3 33.5



#26

2,2-Dichloropropane

Concen: 17.986 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD080041.D

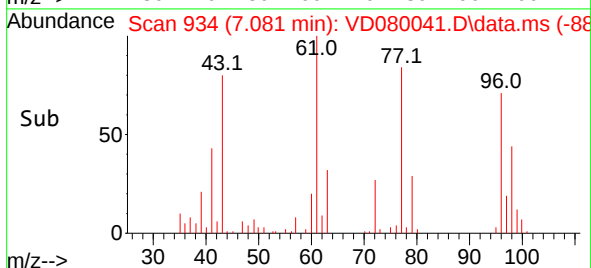
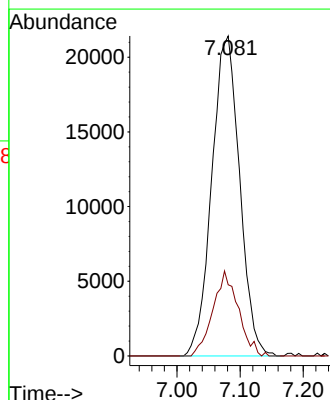
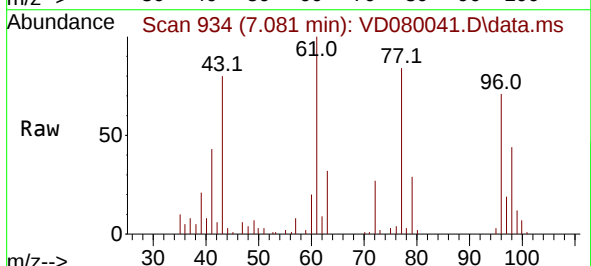
Acq: 17 Nov 2024 14:52

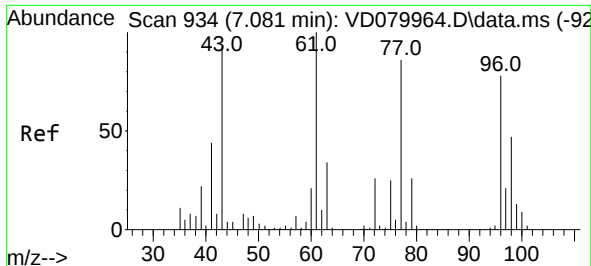
Tgt Ion: 77 Resp: 65651

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 18.304 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

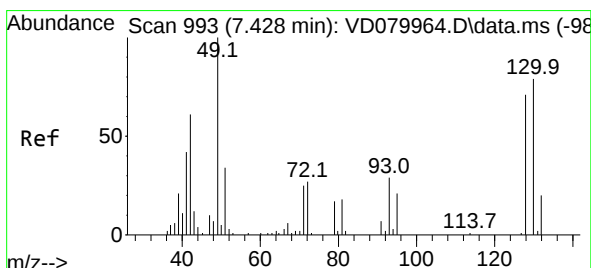
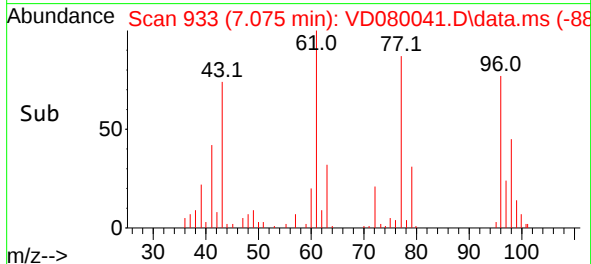
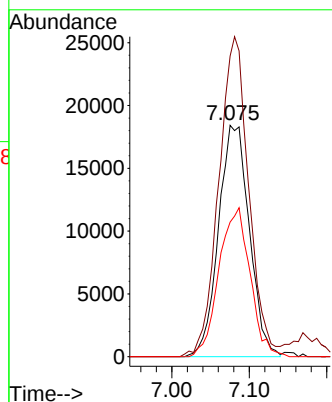
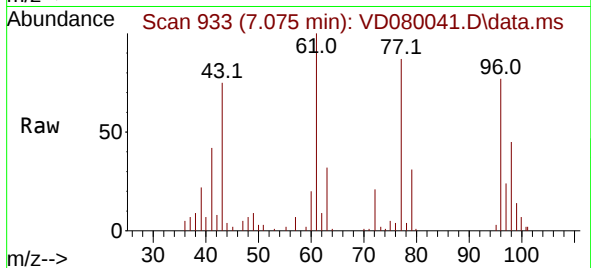
Tgt Ion: 96 Resp: 51076

Ion Ratio Lower Upper

96 100

61 134.1 0.0 278.2

98 64.8 0.0 127.8



#28

Bromochloromethane

Concen: 18.092 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

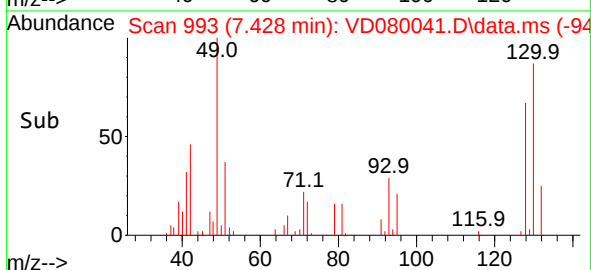
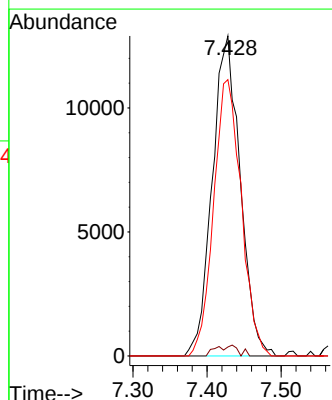
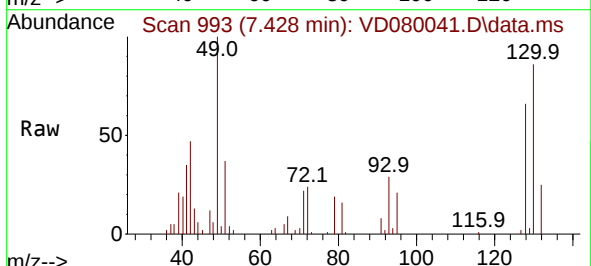
Tgt Ion: 49 Resp: 33808

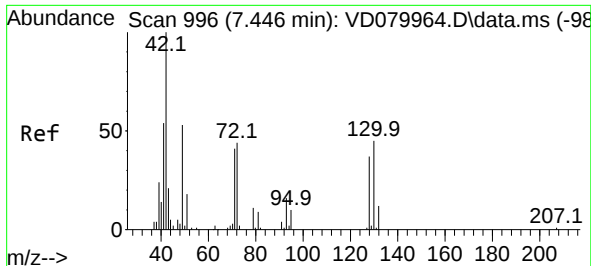
Ion Ratio Lower Upper

49 100

129 1.5 0.0 2.2

130 85.1 64.6 97.0





#29

Tetrahydrofuran

Concen: 97.242 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

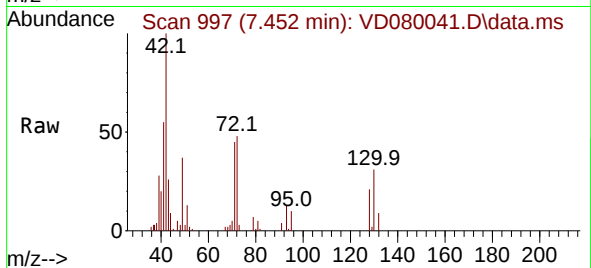
Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

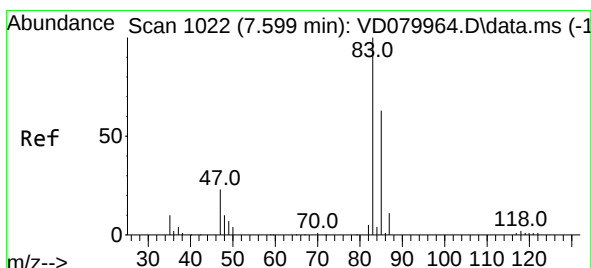
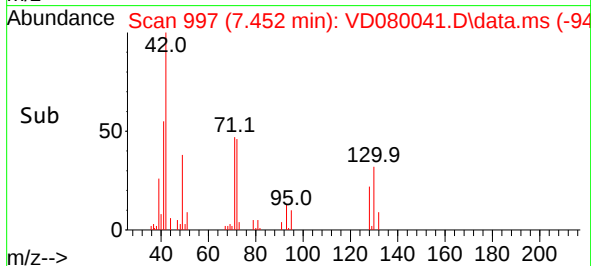
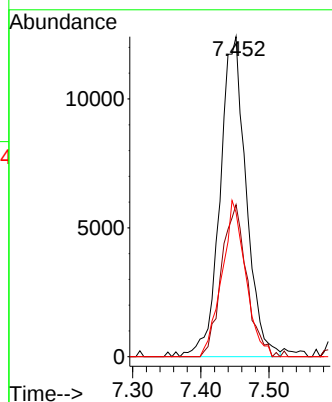
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	33007
Ion Ratio	Lower	Upper	
42	100		
72	46.1	36.7	55.1
71	44.5	34.4	51.6



#30

Chloroform

Concen: 18.870 ug/l

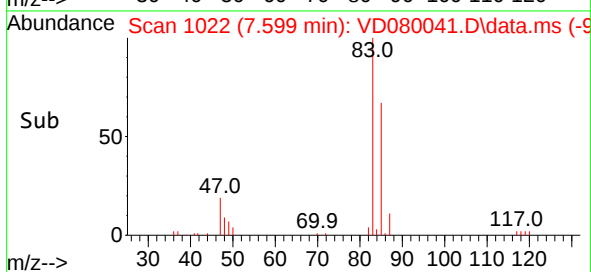
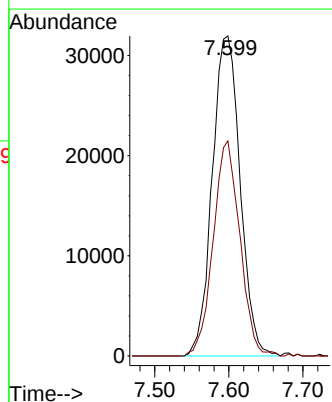
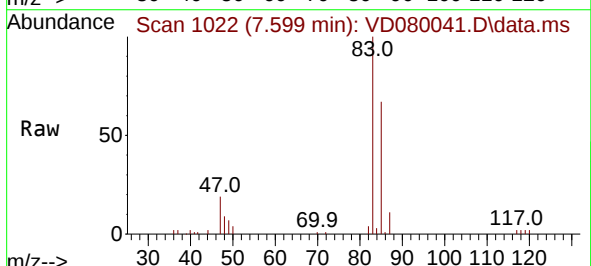
RT: 7.599 min Scan# 1022

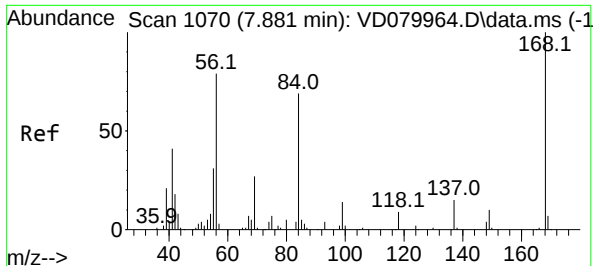
Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

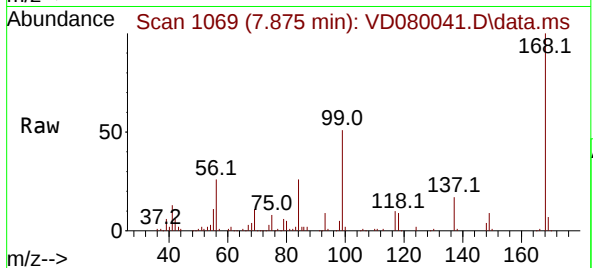
Tgt Ion:	83	Resp:	83477
Ion Ratio	Lower	Upper	
83	100		
85	67.2	50.8	76.2



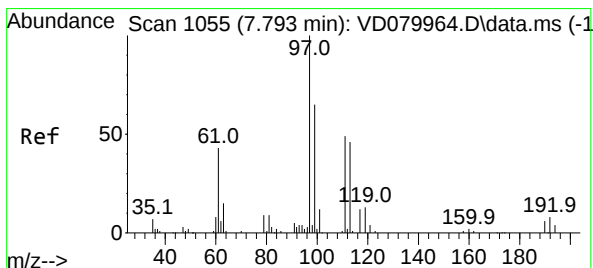
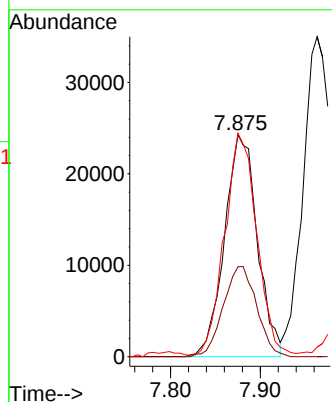
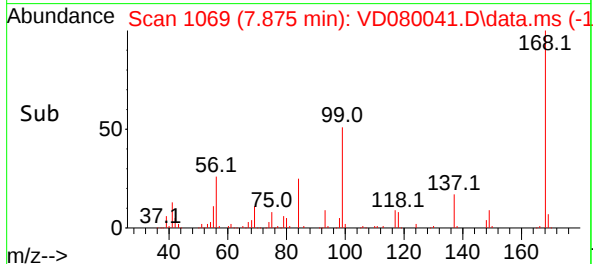


#31
Cyclohexane
Concen: 17.329 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Instrument :
MSVOA_D
ClientSampleId :

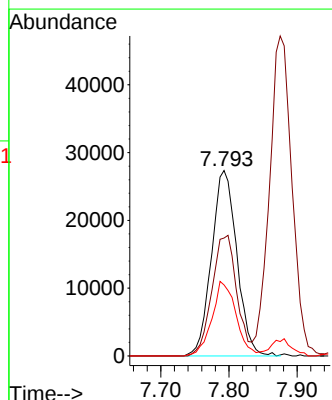
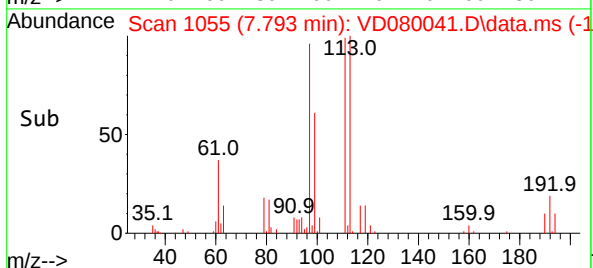
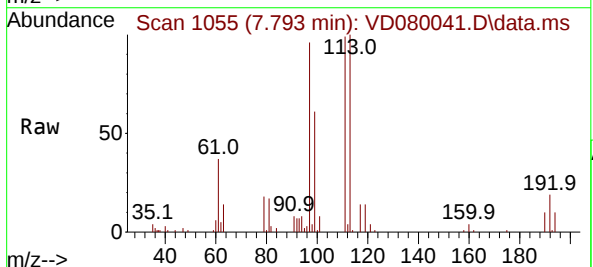


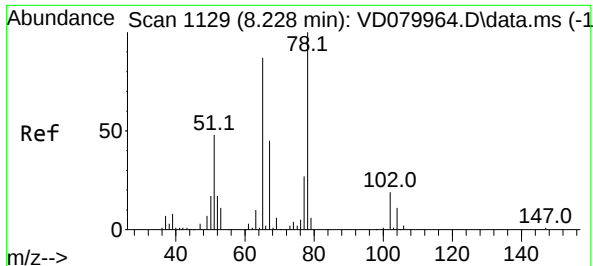
Tgt Ion: 56 Resp: 61672
Ion Ratio Lower Upper
56 100
69 40.5 27.3 40.9
84 99.0 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 18.677 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 97 Resp: 70709
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 38.1 34.2 51.2

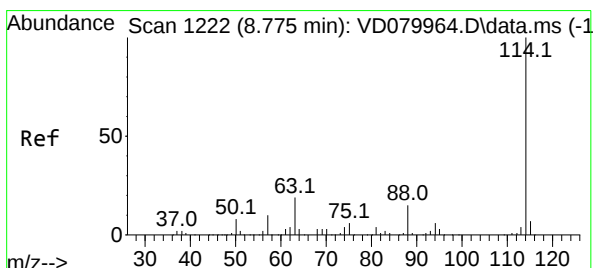
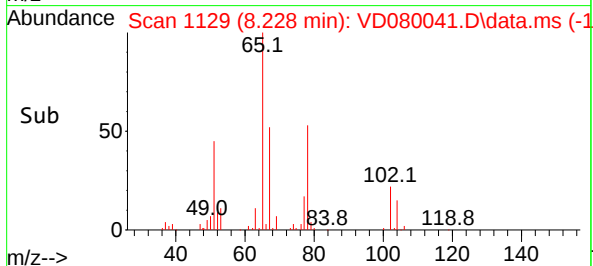
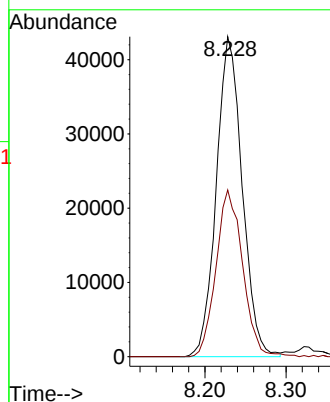
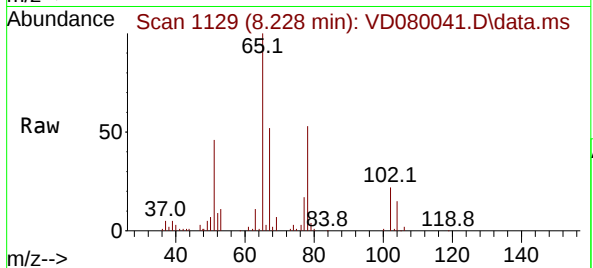




#33
 1,2-Dichloroethane-d4
 Concen: 43.715 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

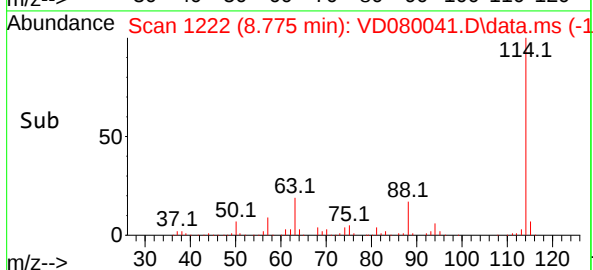
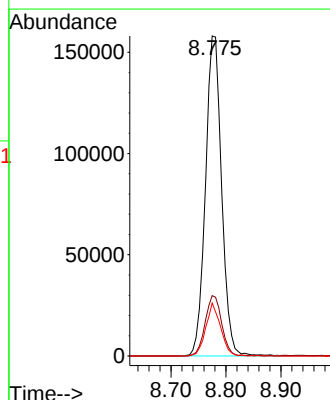
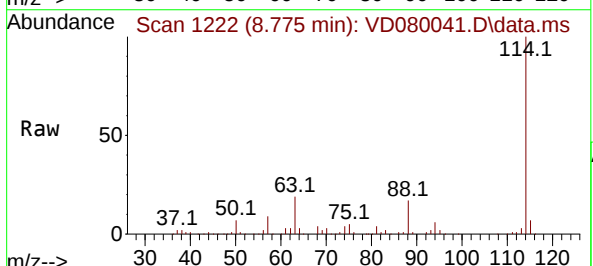
Instrument :
 MSVOA_D
 ClientSampleId :

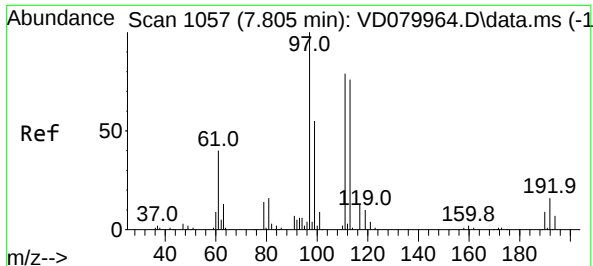
Tgt Ion: 65 Resp: 95540
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

Tgt Ion: 114 Resp: 323009
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.8
 88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.757 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

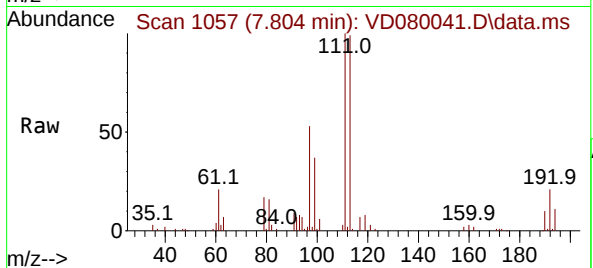
Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

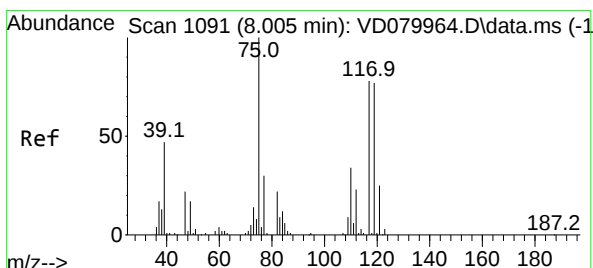
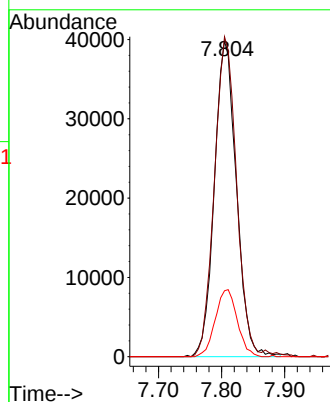
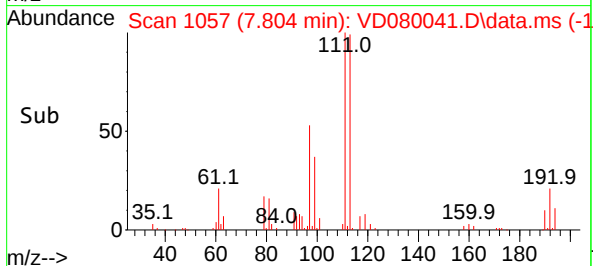
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	96216
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.5	123.7
192	21.2	16.6	25.0



#36

1,1-Dichloropropene

Concen: 18.863 ug/l

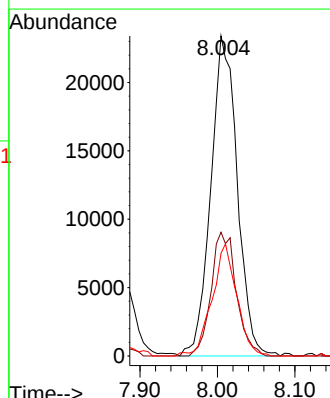
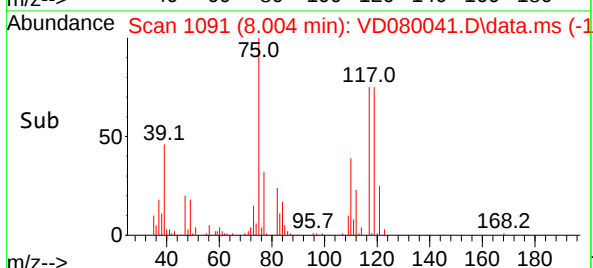
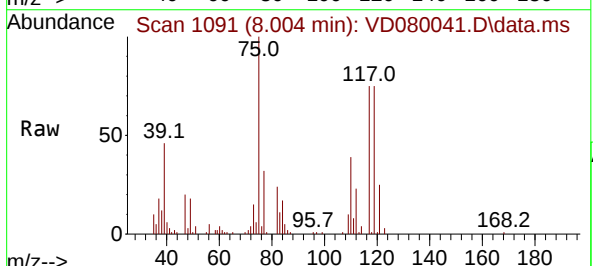
RT: 8.004 min Scan# 1091

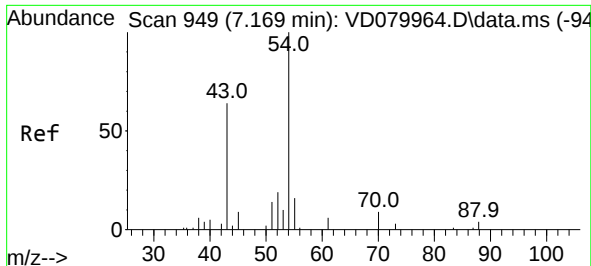
Delta R.T. -0.001 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Tgt Ion:	75	Resp:	55448
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.4	55.0
77	32.8	25.6	38.4





#37

Ethyl Acetate

Concen: 20.759 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

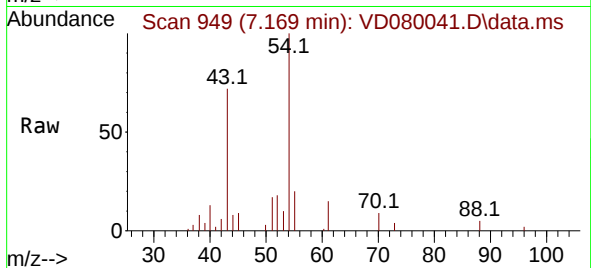
Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

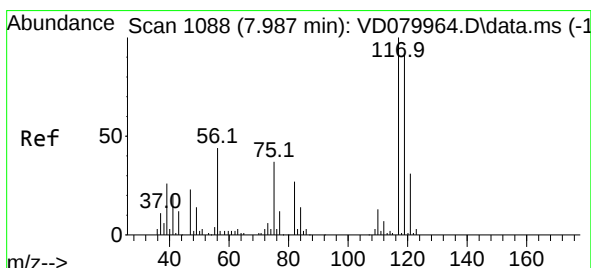
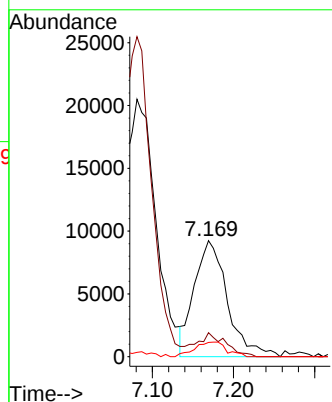
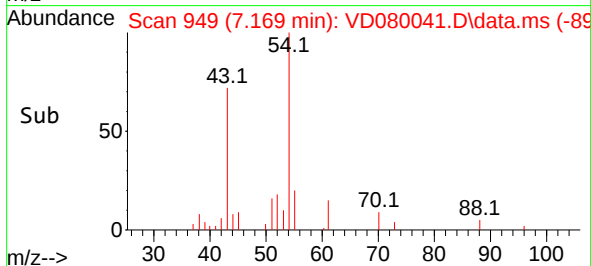
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 26229
Ion Ratio	Lower Upper
43	100
61	17.9 11.0 16.4#
70	12.2 9.4 14.2



#38

Carbon Tetrachloride

Concen: 18.955 ug/l

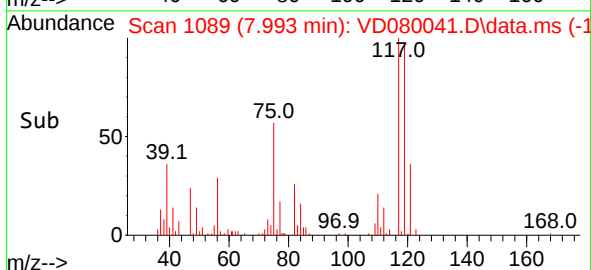
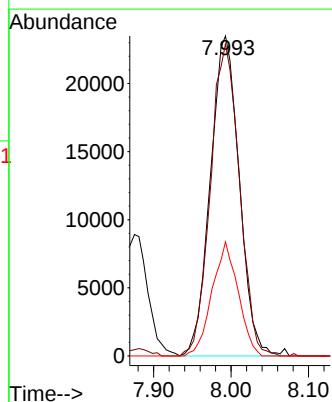
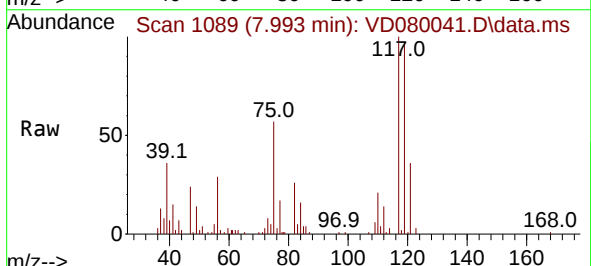
RT: 7.993 min Scan# 1089

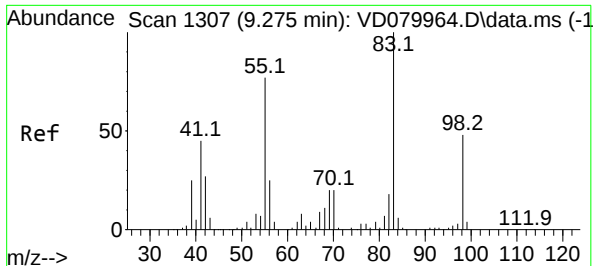
Delta R.T. 0.006 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Tgt Ion: 117	Resp: 60877
Ion Ratio	Lower Upper
117	100
119	97.5 73.4 110.0
121	35.7 24.5 36.7





#39

Methylcyclohexane

Concen: 18.331 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

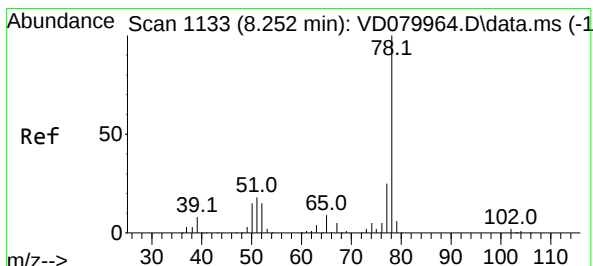
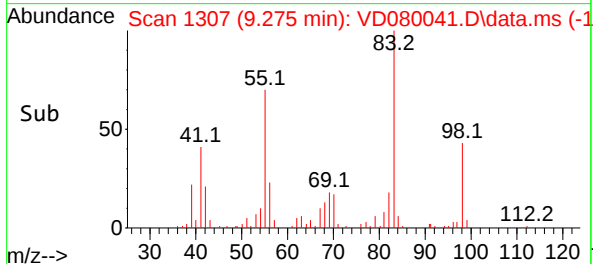
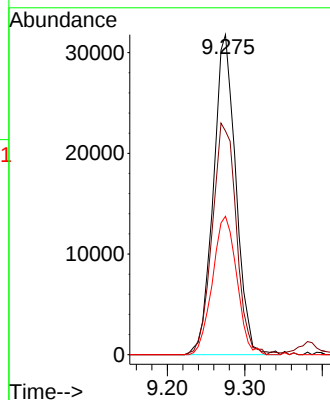
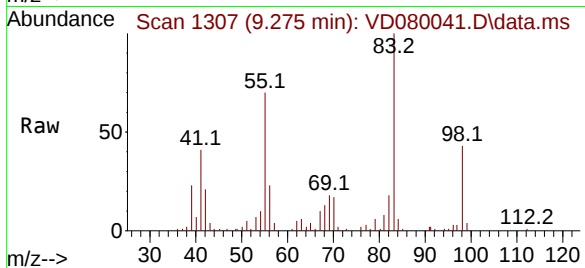
Tgt Ion: 83 Resp: 64155

Ion Ratio Lower Upper

83 100

55 69.9 62.0 93.0

98 43.3 38.7 58.1



#40

Benzene

Concen: 19.434 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD080041.D

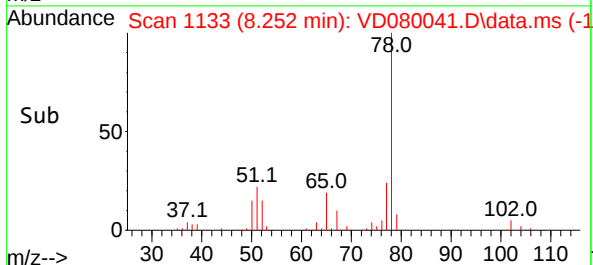
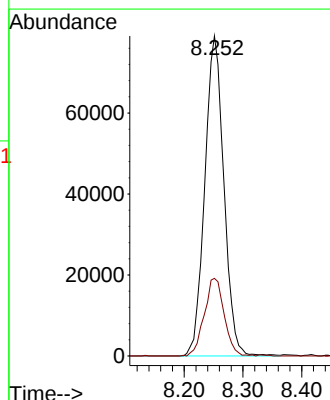
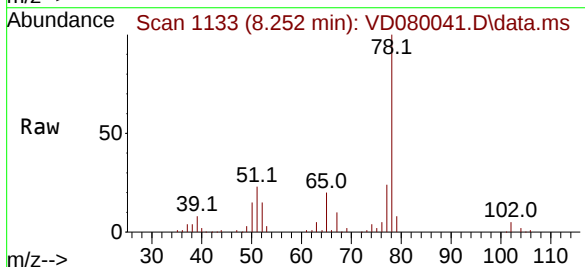
Acq: 17 Nov 2024 14:52

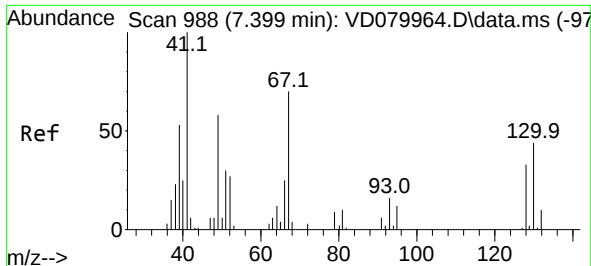
Tgt Ion: 78 Resp: 178067

Ion Ratio Lower Upper

78 100

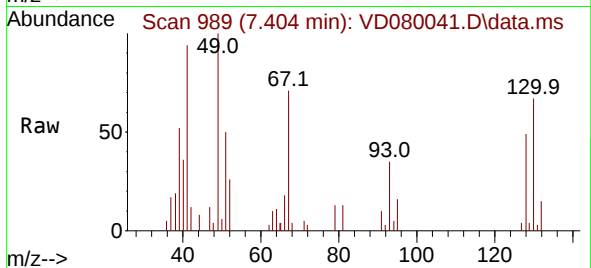
77 24.3 20.2 30.4



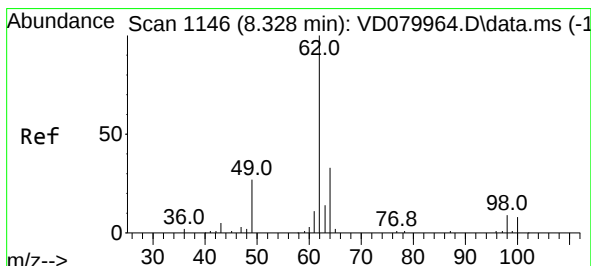
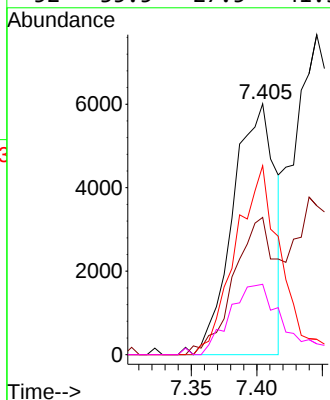
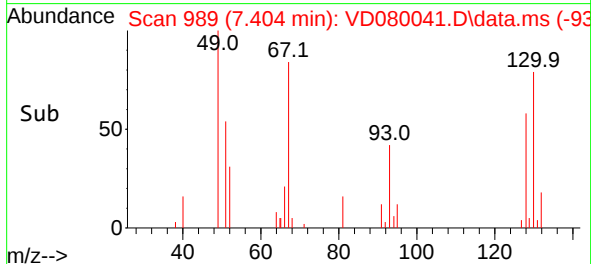


#41
Methacrylonitrile
Concen: 19.783 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Instrument :
MSVOA_D
ClientSampleId :

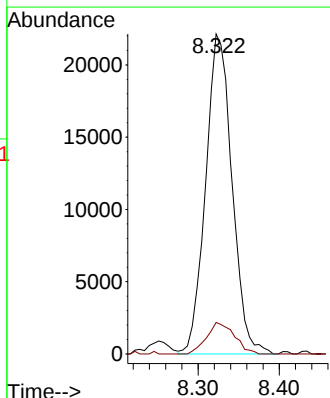
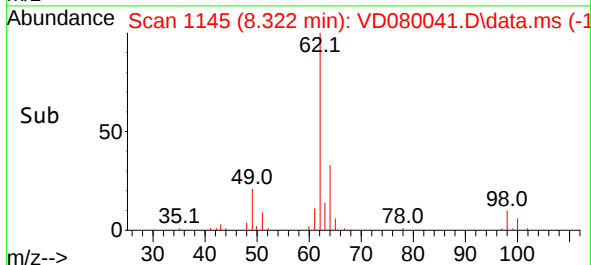
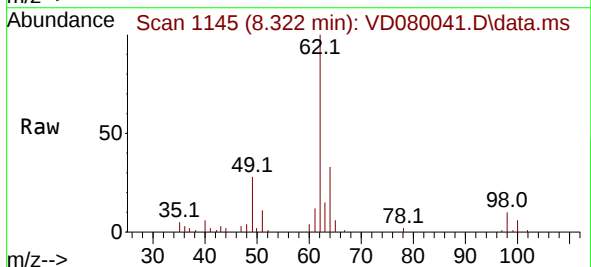


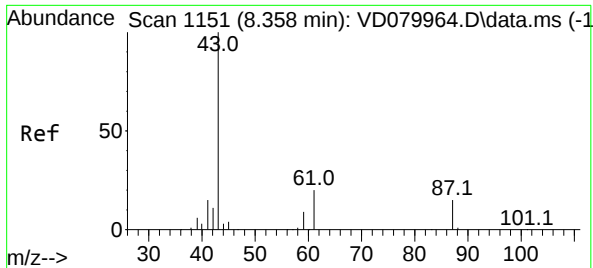
Tgt Ion: 41 Resp: 13489
Ion Ratio Lower Upper
41 100
39 58.2 47.8 71.8
67 79.8 64.9 97.3
52 35.5 27.5 41.3



#42
1,2-Dichloroethane
Concen: 21.102 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 62 Resp: 50039
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.8

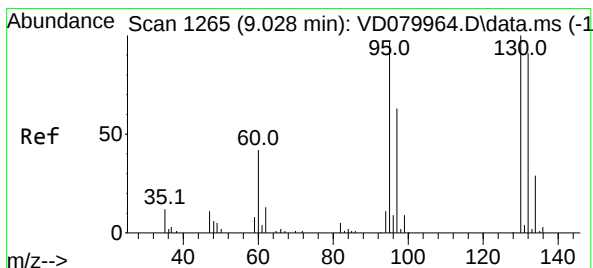
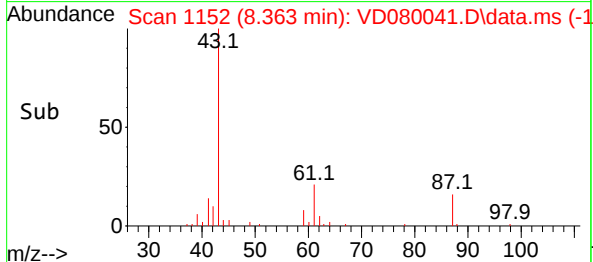
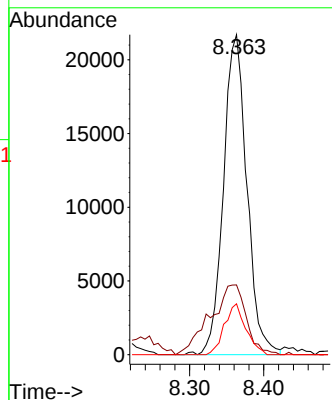
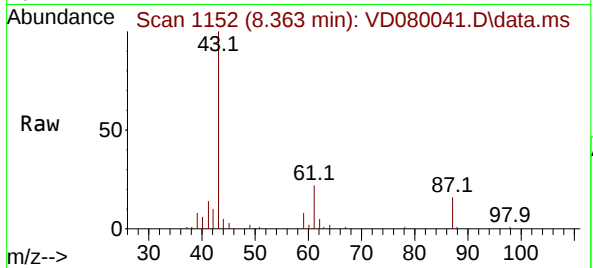




#43
Isopropyl Acetate
Concen: 20.795 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.005 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

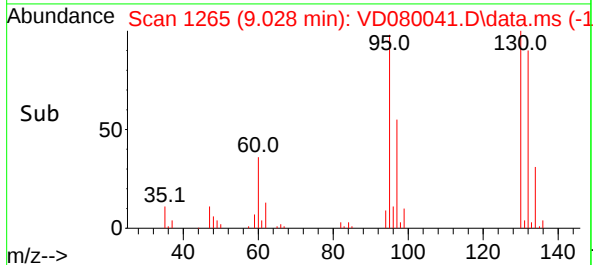
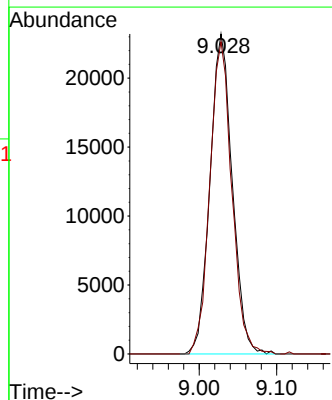
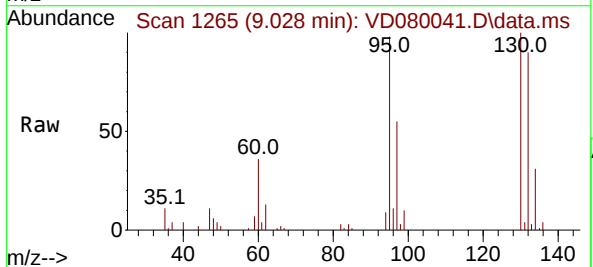
Instrument :
MSVOA_D
ClientSampleId :

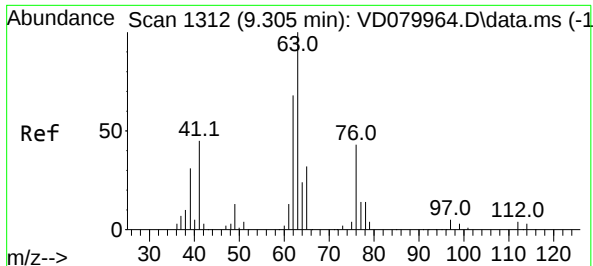
Tgt Ion: 43 Resp: 47629
Ion Ratio Lower Upper
43 100
61 33.4 26.2 39.2
87 14.5 11.8 17.8



#44
Trichloroethene
Concen: 19.589 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion:130 Resp: 46444
Ion Ratio Lower Upper
130 100
95 97.6 0.0 194.6





#45

1,2-Dichloropropane

Concen: 20.167 ug/l

RT: 9.299 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

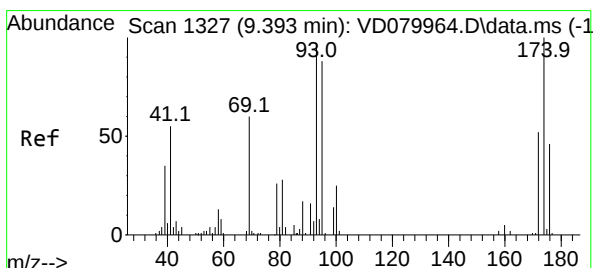
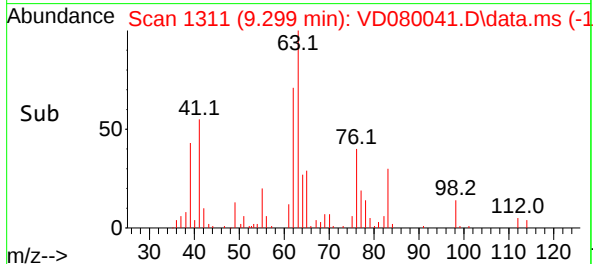
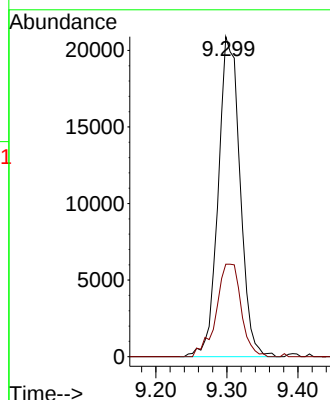
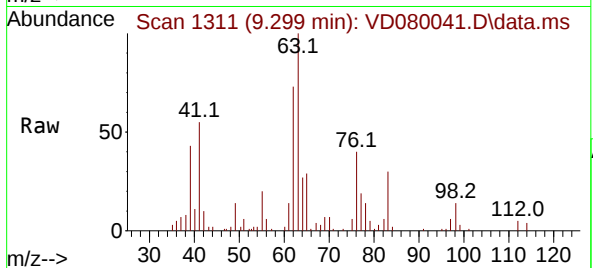
ClientSampleId :

Tgt Ion: 63 Resp: 44406

Ion Ratio Lower Upper

63 100

65 28.9 26.2 39.4



#46

Dibromomethane

Concen: 20.420 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

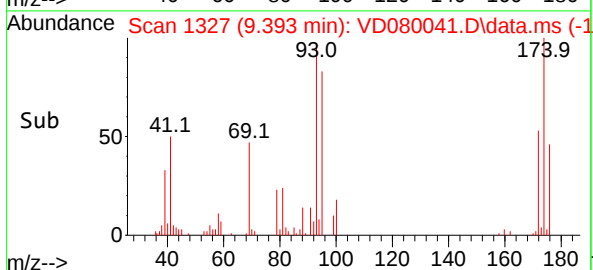
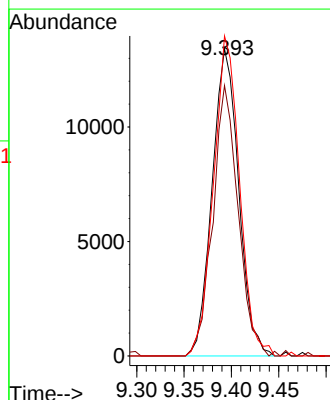
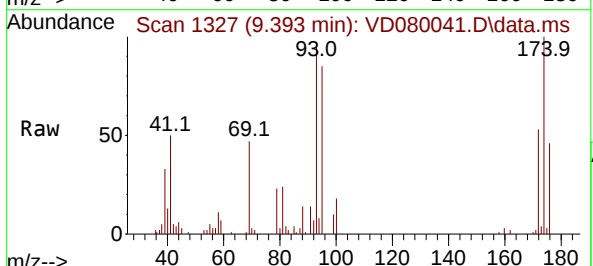
Tgt Ion: 93 Resp: 26153

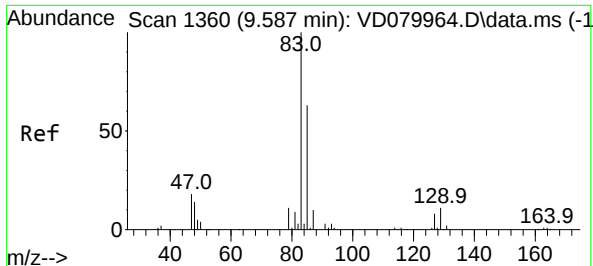
Ion Ratio Lower Upper

93 100

95 84.0 67.9 101.9

174 102.1 80.5 120.7





#47

Bromodichloromethane

Concen: 20.083 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080041.D

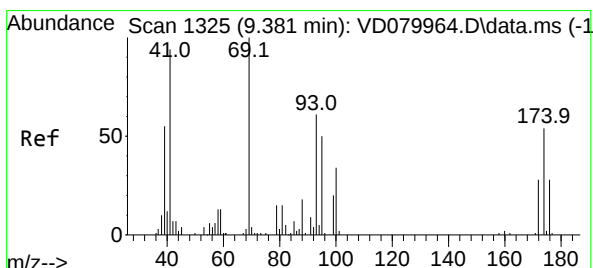
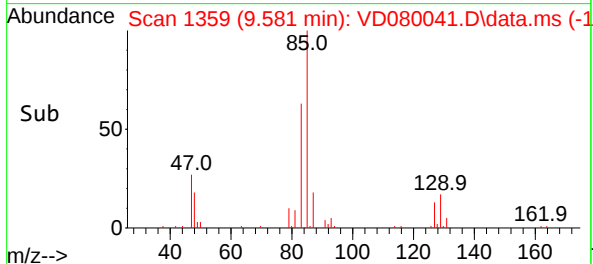
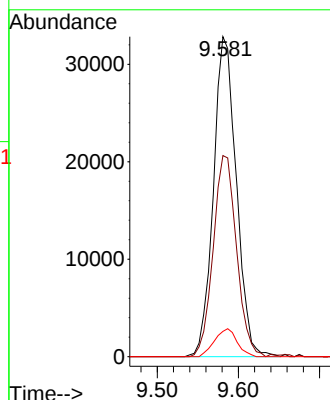
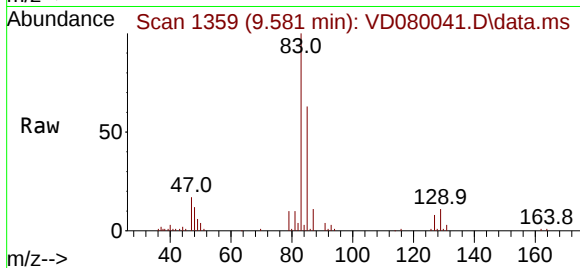
Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 64381
Ion Ratio	Lower Upper
83 100	
85 62.9	50.6 75.8
127 7.9	6.1 9.1



#48

Methyl methacrylate

Concen: 20.809 ug/l

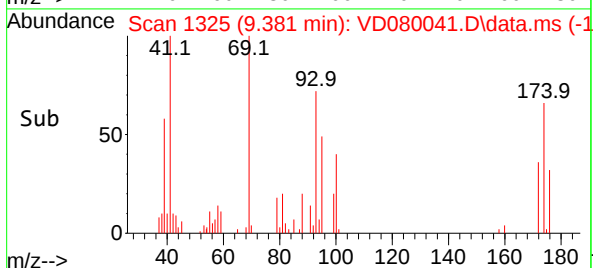
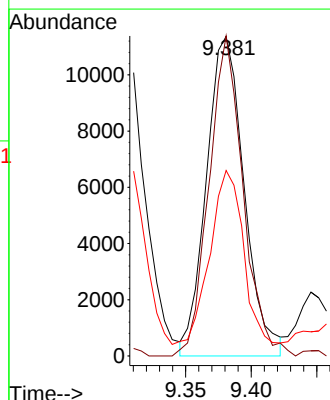
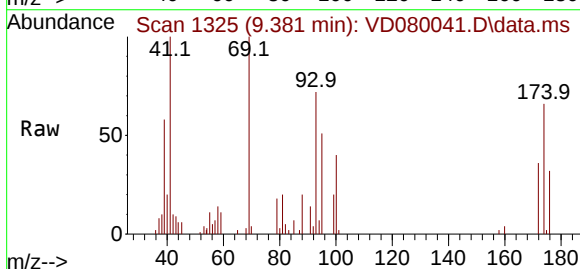
RT: 9.381 min Scan# 1325

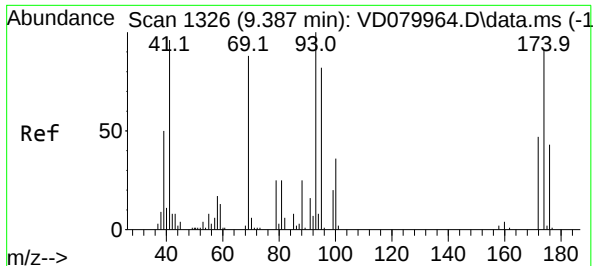
Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Tgt Ion: 41	Resp: 22753
Ion Ratio	Lower Upper
41 100	
69 90.1	74.0 111.0
39 56.6	41.9 62.9





#49

1,4-Dioxane

Concen: 460.814 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

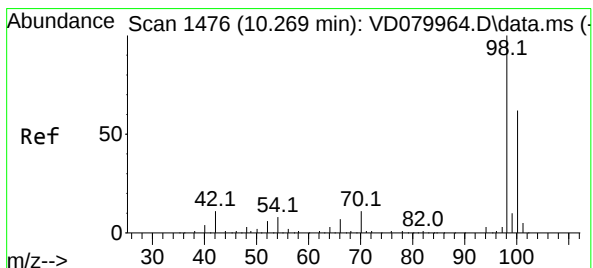
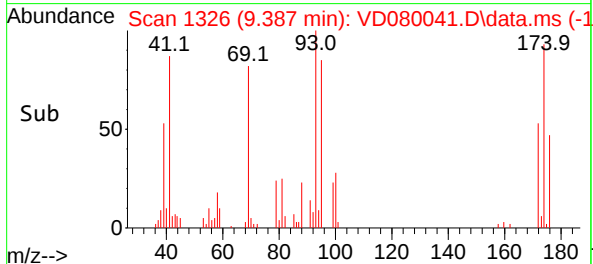
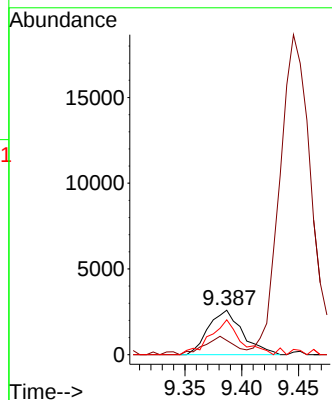
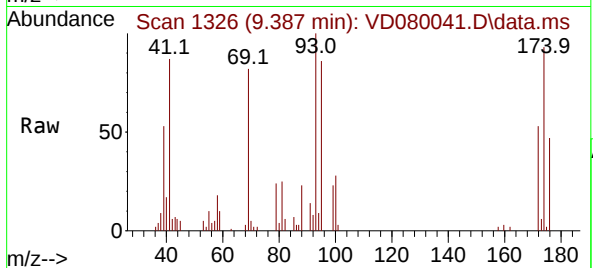
Tgt Ion: 88 Resp: 5414

Ion Ratio Lower Upper

88 100

43 35.0 29.1 43.7

58 69.0 59.9 89.9



#50

Toluene-d8

Concen: 44.884 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080041.D

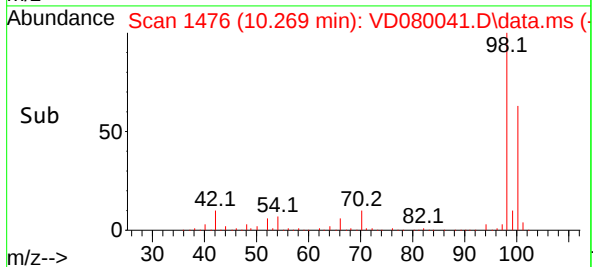
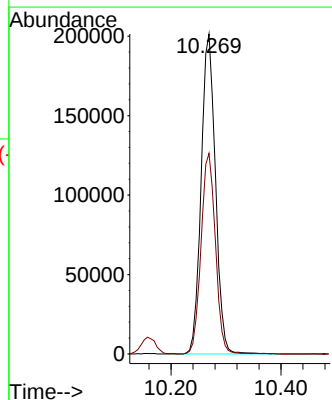
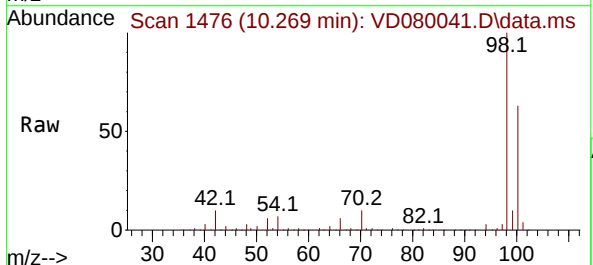
Acq: 17 Nov 2024 14:52

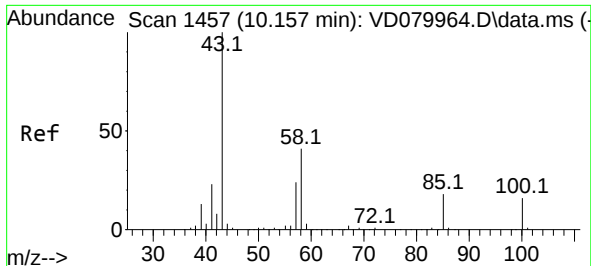
Tgt Ion: 98 Resp: 363664

Ion Ratio Lower Upper

98 100

100 62.9 50.2 75.4

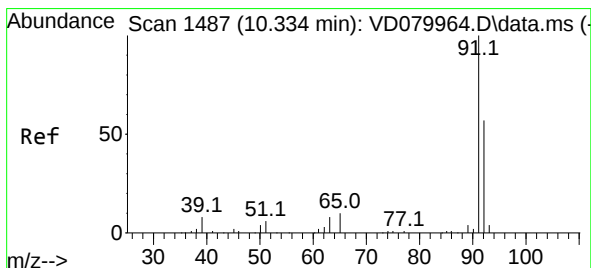
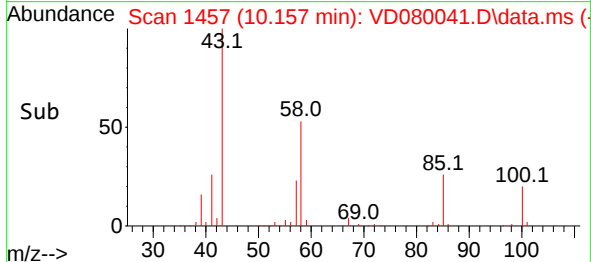
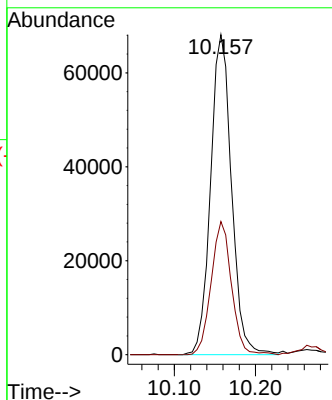
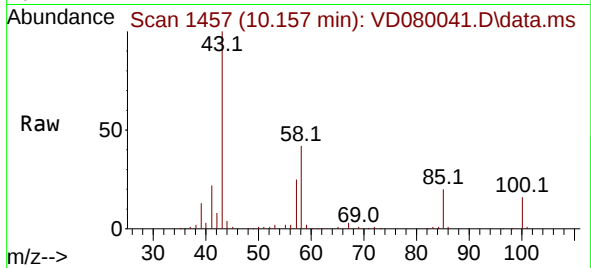




#51
4-Methyl-2-Pentanone
Concen: 105.017 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

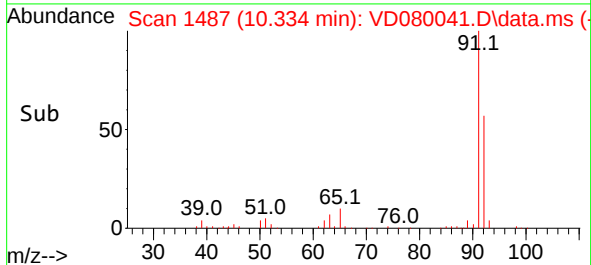
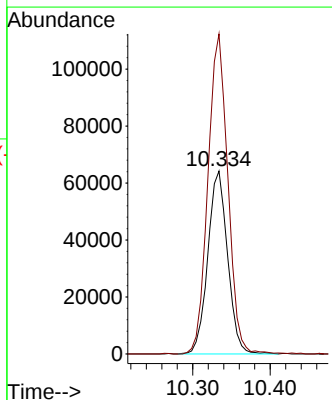
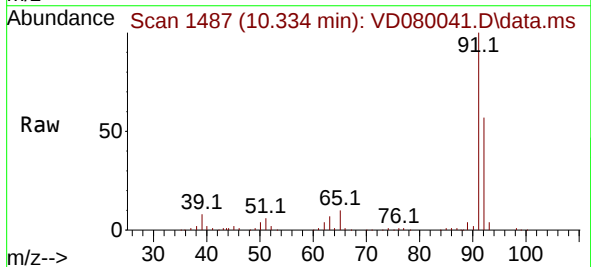
Instrument :
MSVOA_D
ClientSampleId :

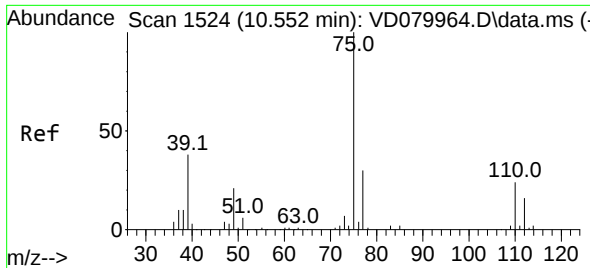
Tgt Ion: 43 Resp: 122033
Ion Ratio Lower Upper
43 100
58 40.4 32.8 49.2



#52
Toluene
Concen: 20.008 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 92 Resp: 113923
Ion Ratio Lower Upper
92 100
91 176.1 139.3 208.9

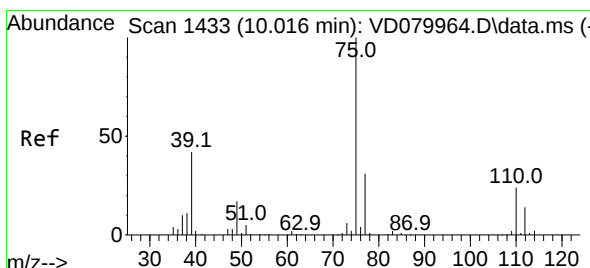
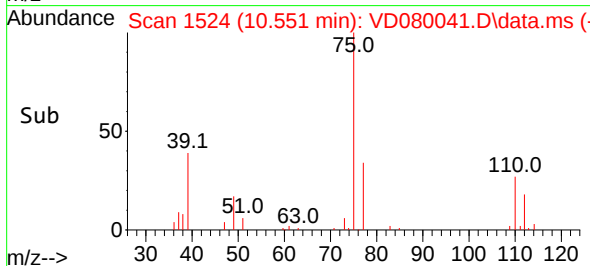
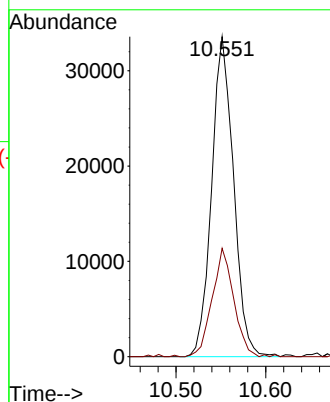
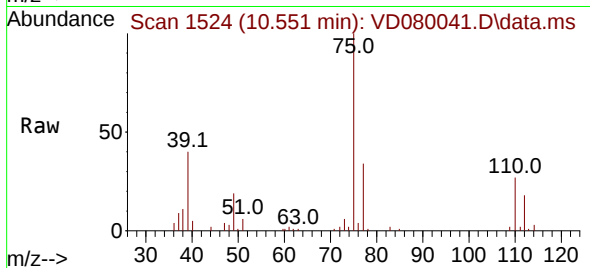




#53
 t-1,3-Dichloropropene
 Concen: 19.943 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.001 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

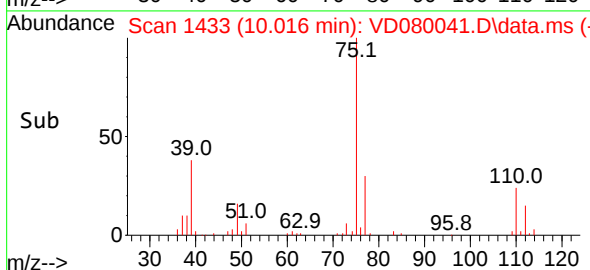
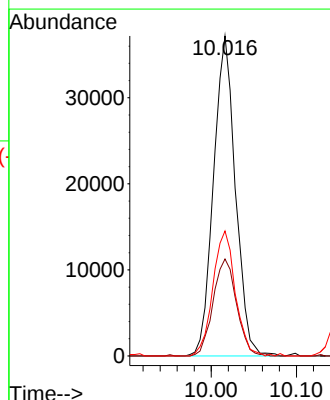
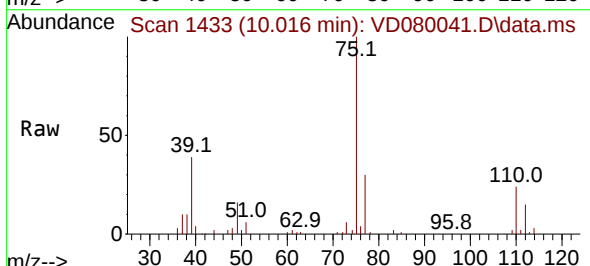
Instrument :
 MSVOA_D
 ClientSampleId :

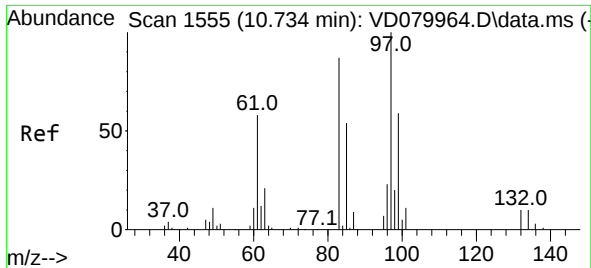
Tgt Ion: 75 Resp: 56990
 Ion Ratio Lower Upper
 75 100
 77 33.8 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.624 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

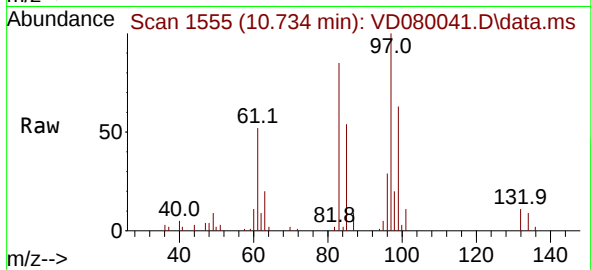
Tgt Ion: 75 Resp: 66392
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4
 39 39.0 33.2 49.8



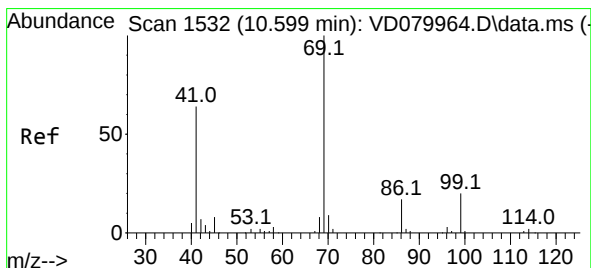
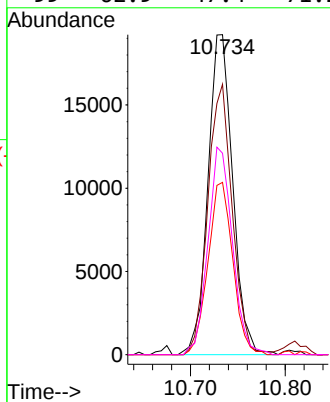
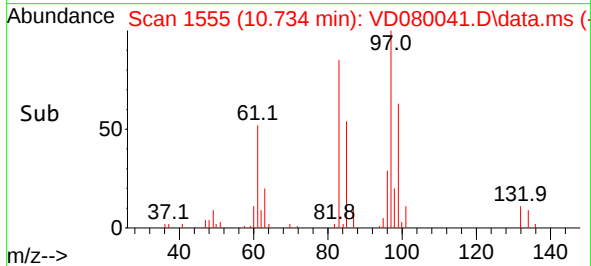


#55
1,1,2-Trichloroethane
Concen: 20.630 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Instrument :
MSVOA_D
ClientSampleId :

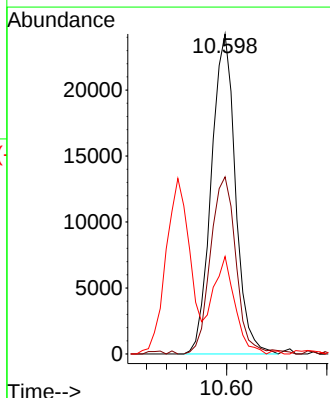
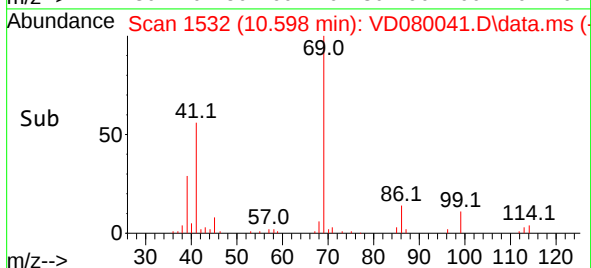
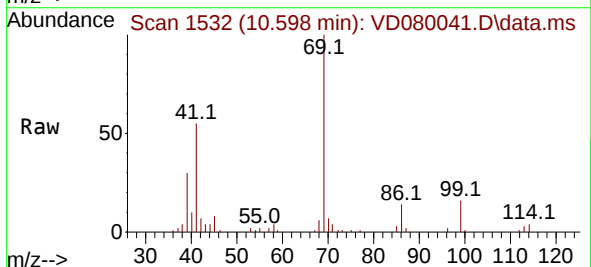


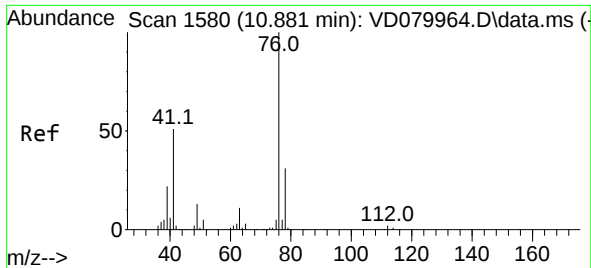
Tgt Ion:	97	Resp:	34956
Ion Ratio	100	Lower	Upper
83	84.5	69.2	103.8
85	53.9	43.0	64.6
99	62.9	47.4	71.2



#56
Ethyl methacrylate
Concen: 20.504 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion:	69	Resp:	40398
Ion Ratio	100	Lower	Upper
41	58.9	50.4	75.6
39	28.4	26.0	39.0

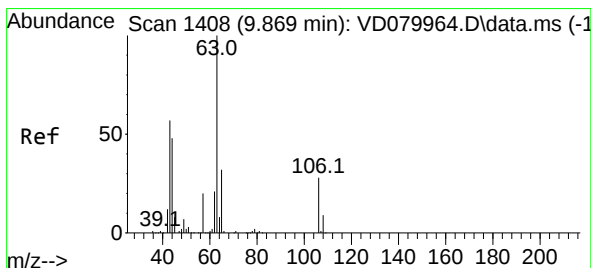
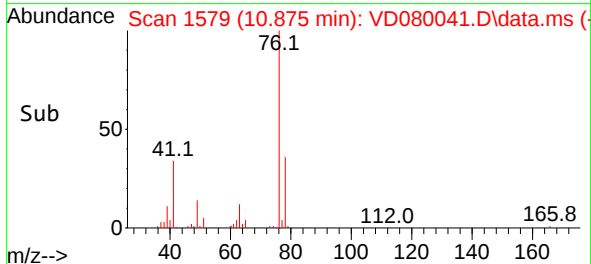
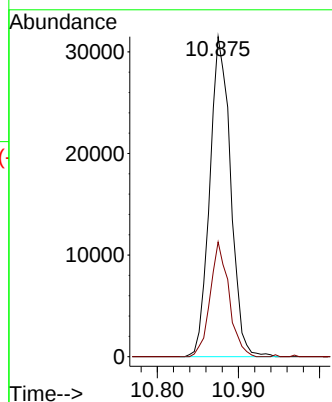
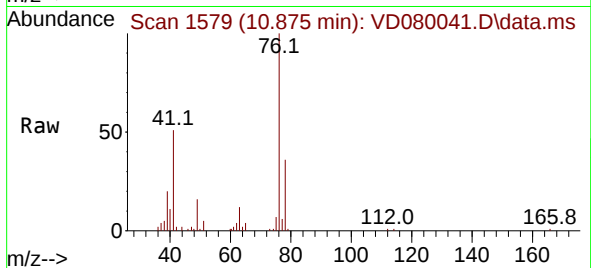




#57
 1,3-Dichloropropane
 Concen: 20.383 ug/l
 RT: 10.875 min Scan# 1580
 Delta R.T. -0.006 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

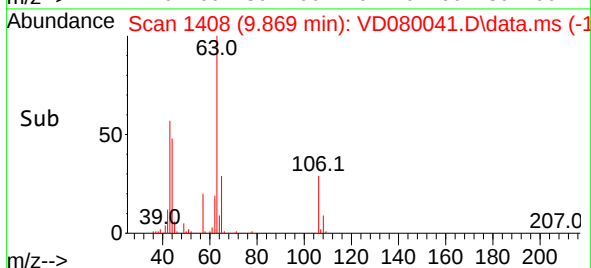
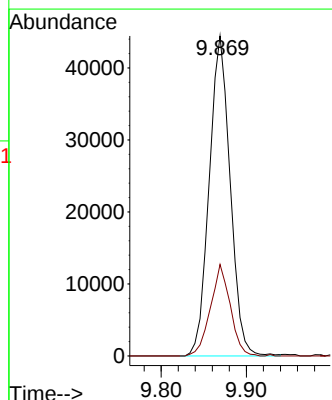
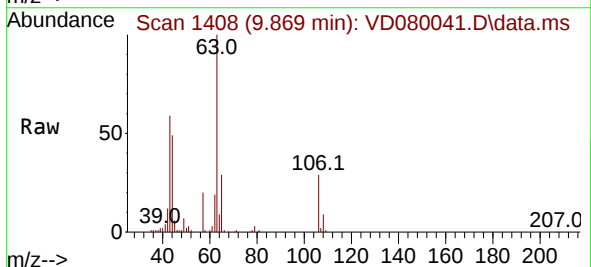
Instrument :
 MSVOA_D
 ClientSampleId :

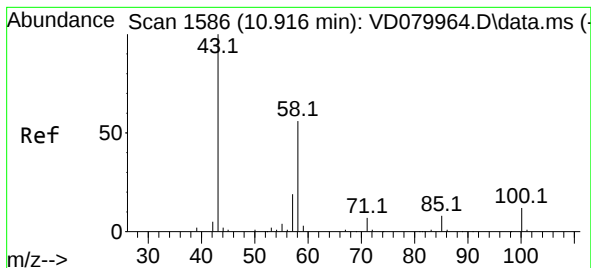
Tgt Ion: 76 Resp: 56184
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.902 ug/l
 RT: 9.869 min Scan# 1408
 Delta R.T. 0.000 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

Tgt Ion: 63 Resp: 75937
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.8 32.6

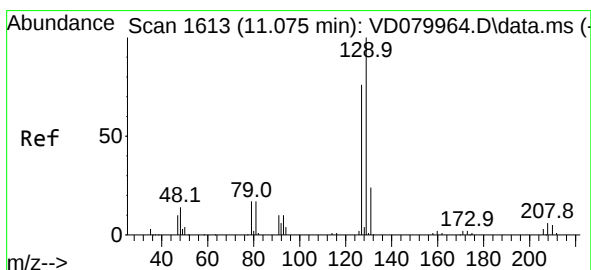
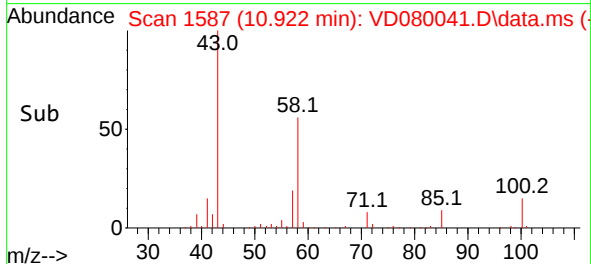
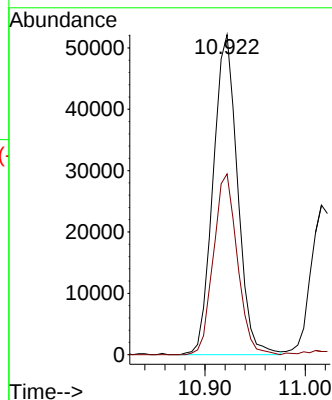
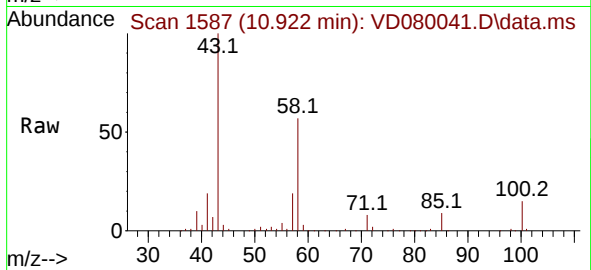




#59
2-Hexanone
Concen: 103.027 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

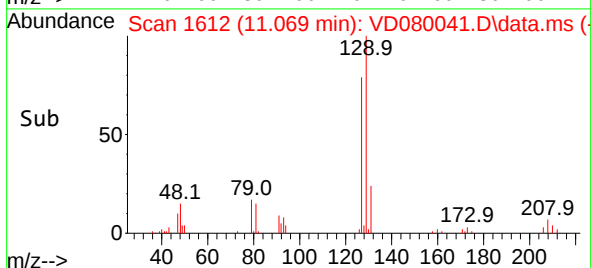
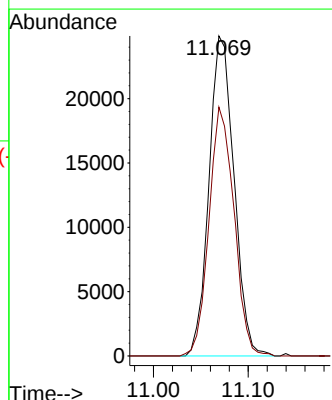
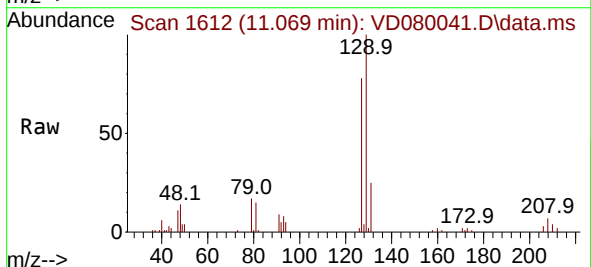
Instrument :
MSVOA_D
ClientSampleId :

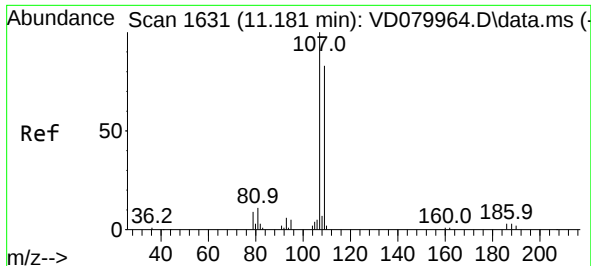
Tgt Ion: 43 Resp: 88060
Ion Ratio Lower Upper
43 100
58 55.3 27.8 83.4



#60
Dibromochloromethane
Concen: 20.921 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 129 Resp: 45628
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2

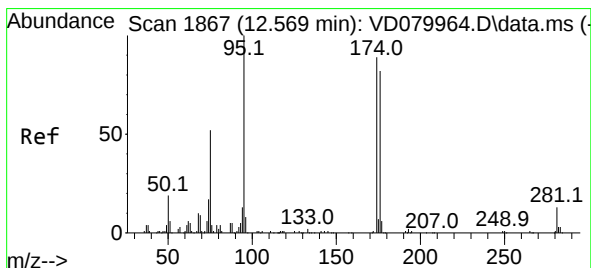
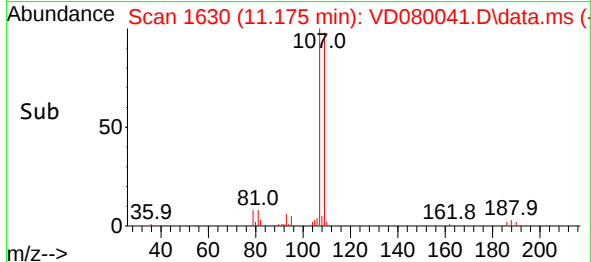
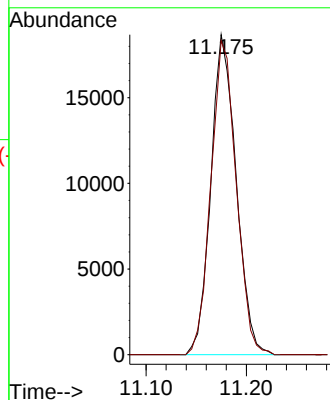
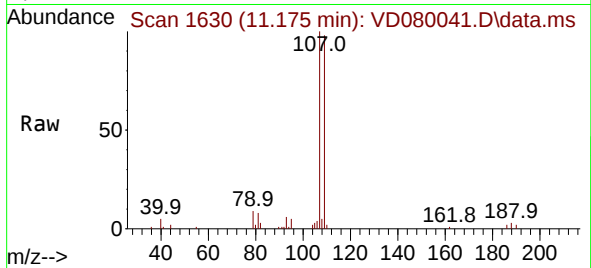




#61
1,2-Dibromoethane
Concen: 20.531 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

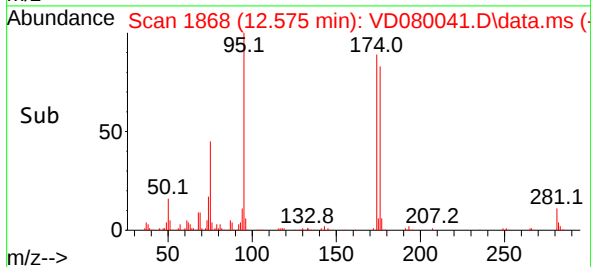
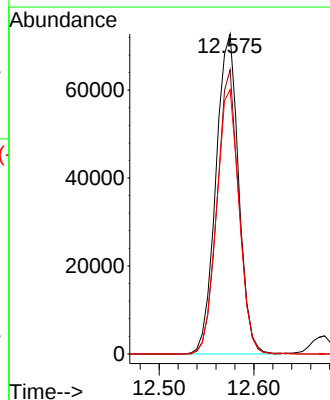
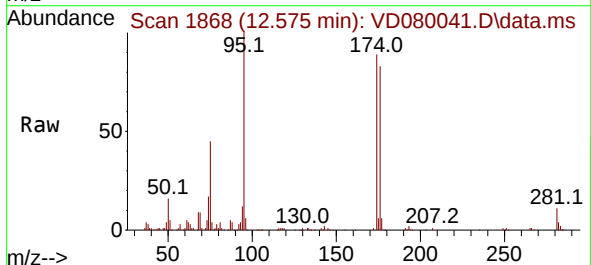
Instrument :
MSVOA_D
ClientSampleId :

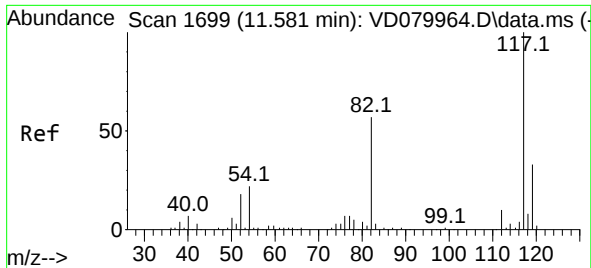
Tgt Ion:107 Resp: 32800
Ion Ratio Lower Upper
107 100
109 98.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 45.494 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 95 Resp: 120936
Ion Ratio Lower Upper
95 100
174 85.1 0.0 173.4
176 82.4 0.0 166.6

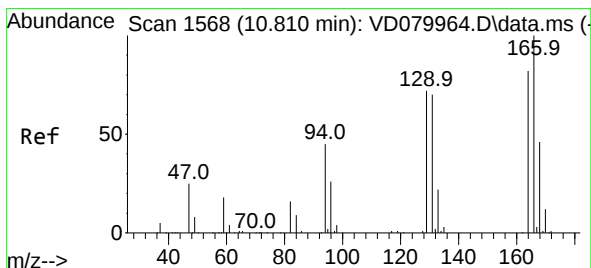
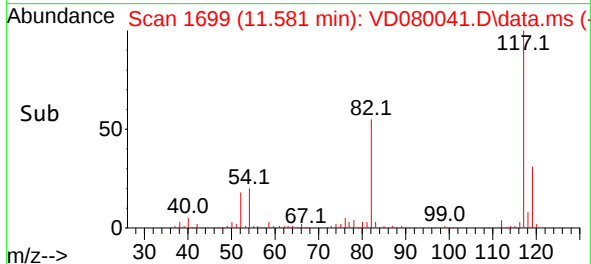
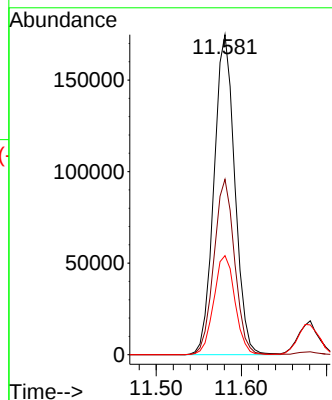
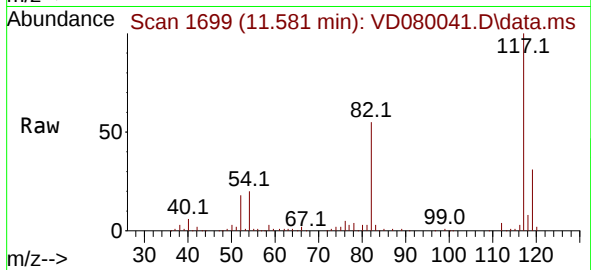




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

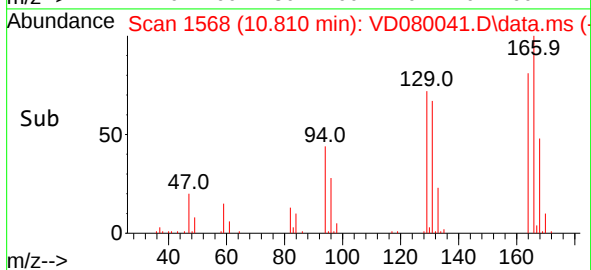
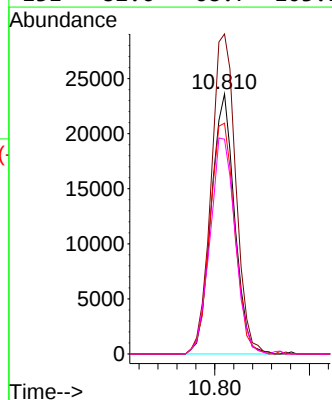
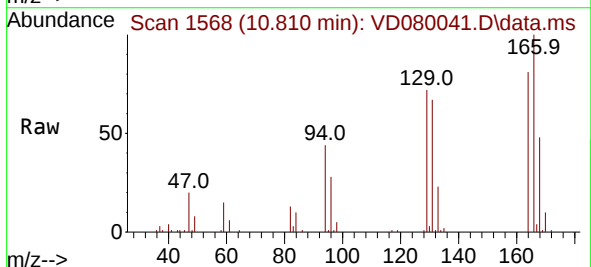
Instrument :
MSVOA_D
ClientSampleId :

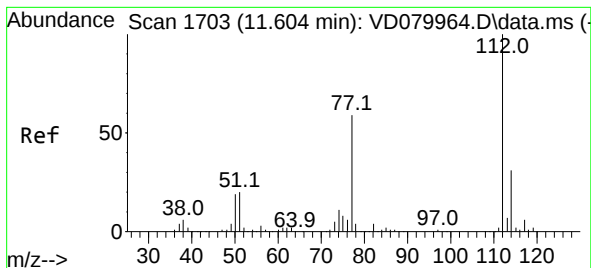
Tgt Ion:117 Resp: 296184
Ion Ratio Lower Upper
117 100
82 54.8 45.8 68.6
119 31.0 26.2 39.2



#64
Tetrachloroethene
Concen: 19.136 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion:164 Resp: 40362
Ion Ratio Lower Upper
164 100
166 123.1 97.5 146.3
129 88.7 70.6 106.0
131 82.6 68.7 103.1





#65

Chlorobenzene

Concen: 19.504 ug/l

RT: 11.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

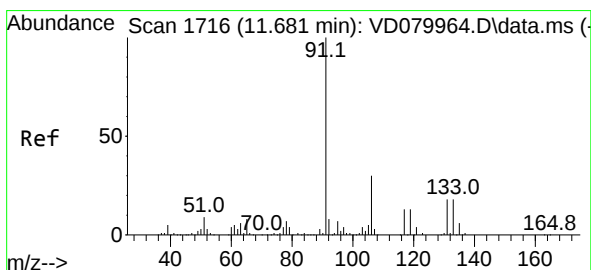
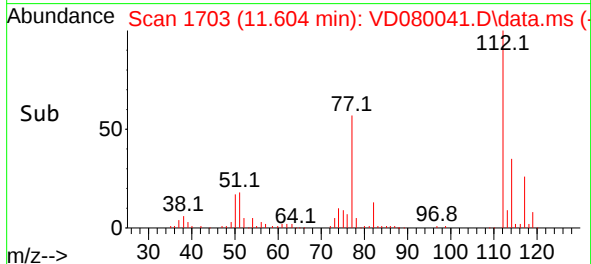
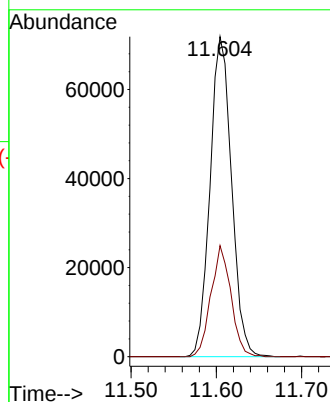
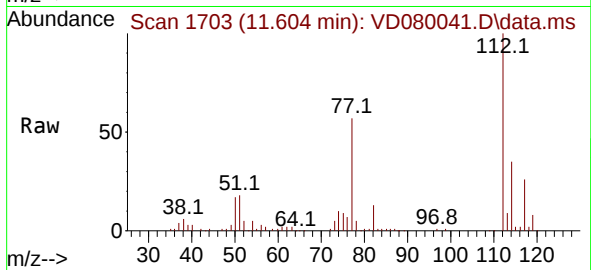
ClientSampleId :

Tgt Ion:112 Resp: 126011

Ion Ratio Lower Upper

112 100

114 34.7 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.420 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

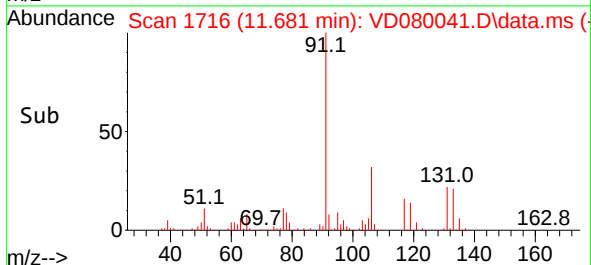
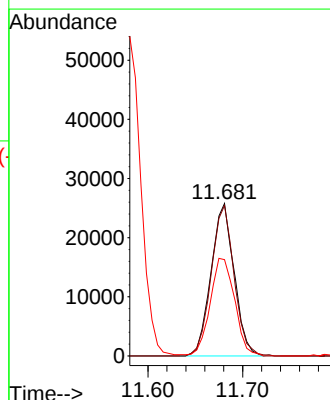
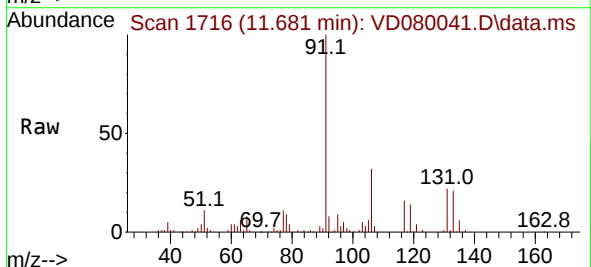
Tgt Ion:131 Resp: 43676

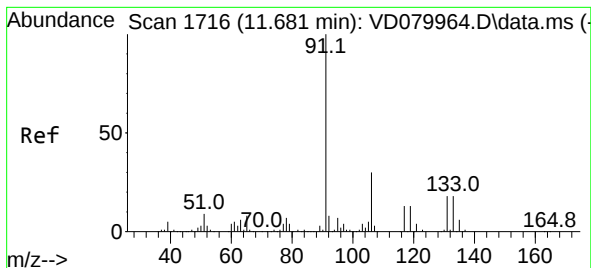
Ion Ratio Lower Upper

131 100

133 97.7 48.8 146.4

119 67.8 34.8 104.3





#67

Ethyl Benzene

Concen: 18.772 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

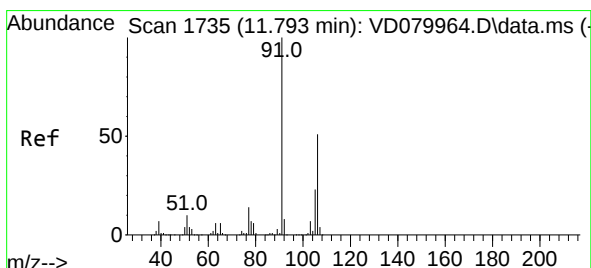
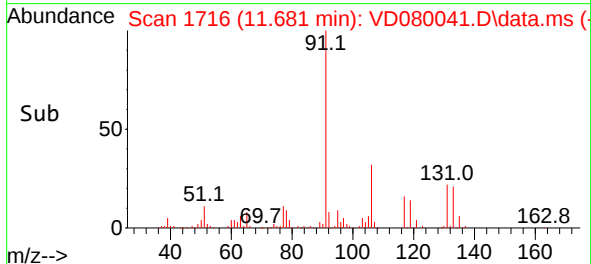
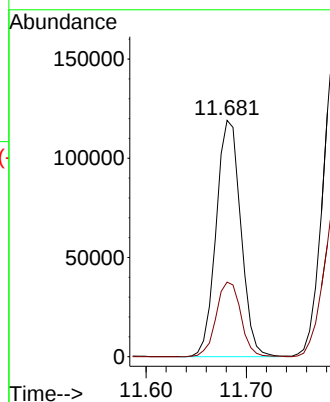
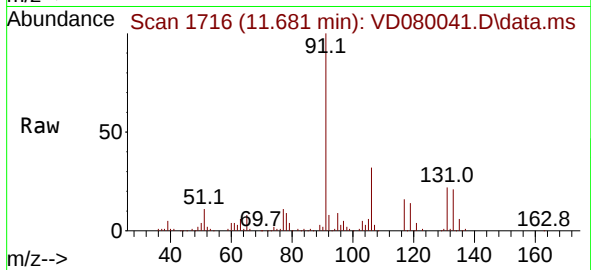
ClientSampleId :

Tgt Ion: 91 Resp: 203505

Ion Ratio Lower Upper

91 100

106 31.6 23.6 35.4



#68

m/p-Xylenes

Concen: 38.528 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD080041.D

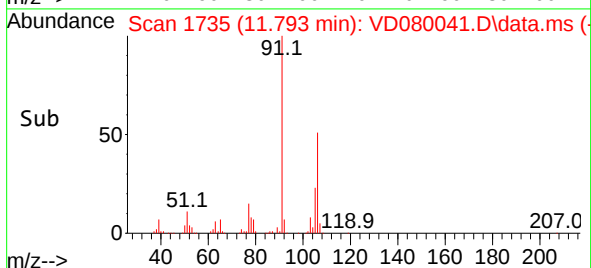
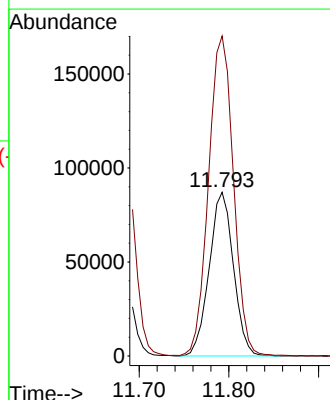
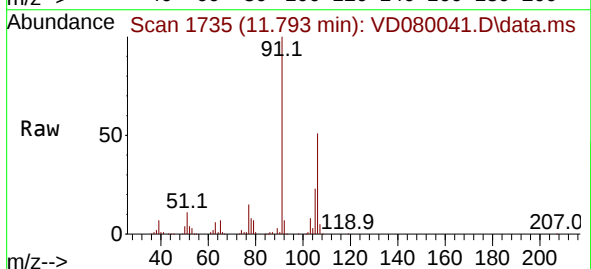
Acq: 17 Nov 2024 14:52

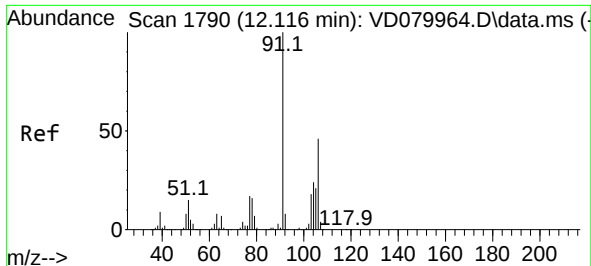
Tgt Ion:106 Resp: 163233

Ion Ratio Lower Upper

106 100

91 201.1 162.6 244.0





#69

o-Xylene

Concen: 19.099 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

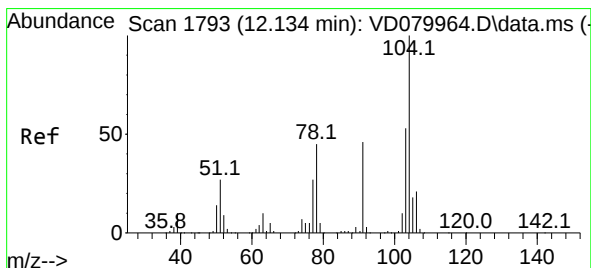
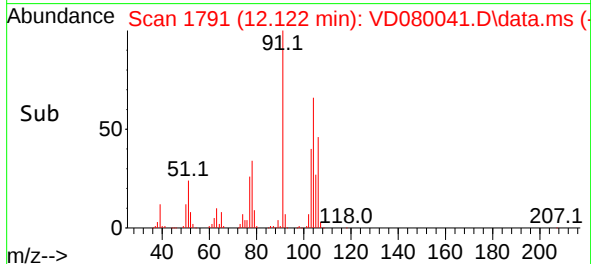
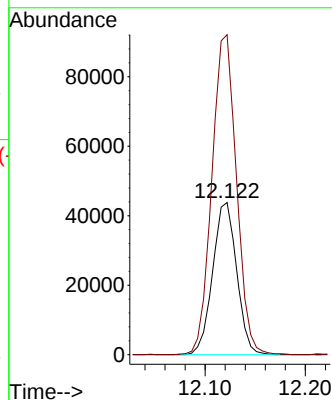
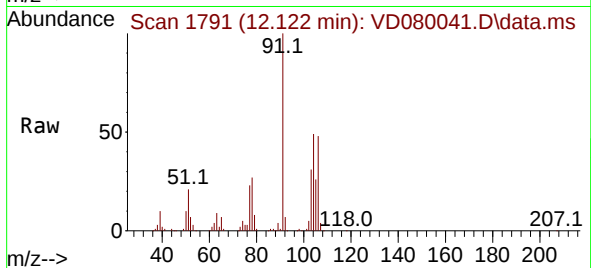
ClientSampleId :

Tgt Ion:106 Resp: 72736

Ion Ratio Lower Upper

106 100

91 216.0 110.5 331.5



#70

Styrene

Concen: 19.697 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

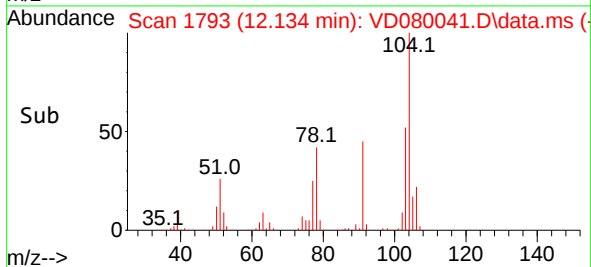
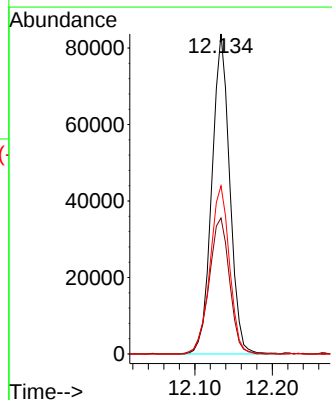
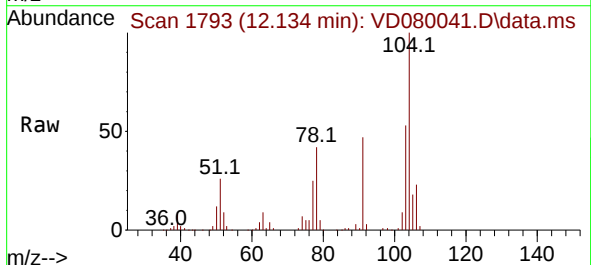
Tgt Ion:104 Resp: 133893

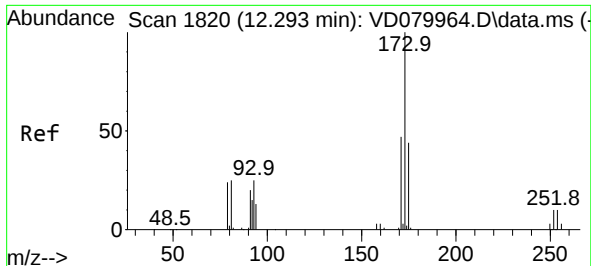
Ion Ratio Lower Upper

104 100

78 48.6 39.8 59.8

103 57.1 45.2 67.8

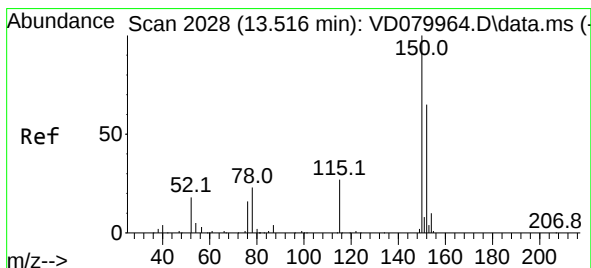
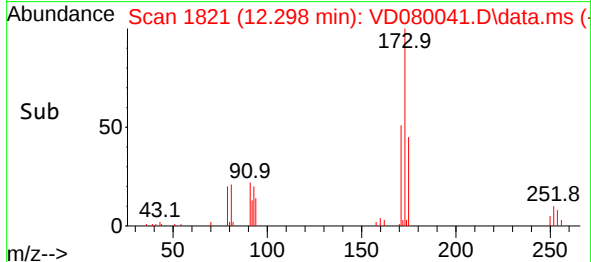
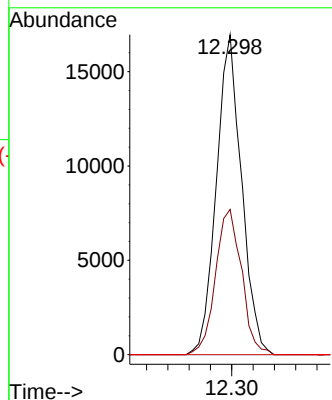
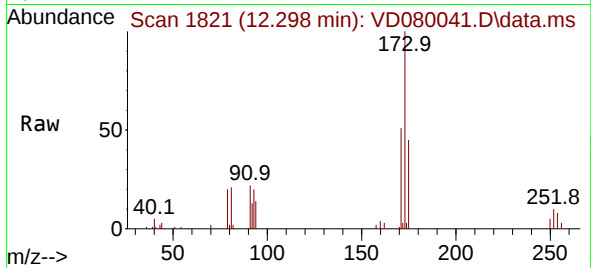




#71
Bromoform
Concen: 20.963 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.005 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

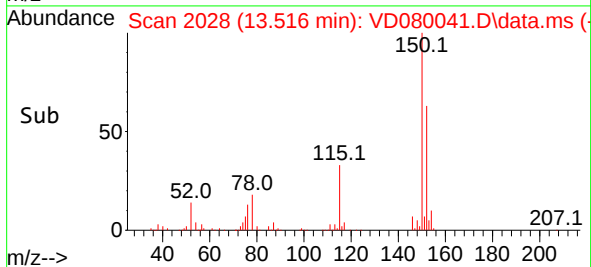
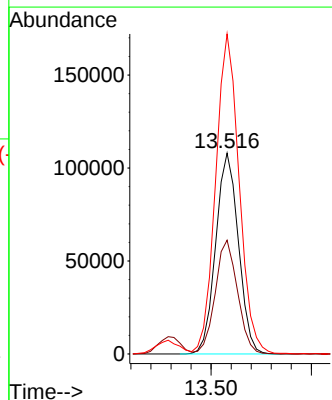
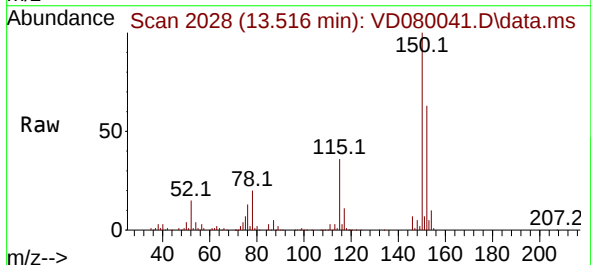
Instrument :
MSVOA_D
ClientSampleId :

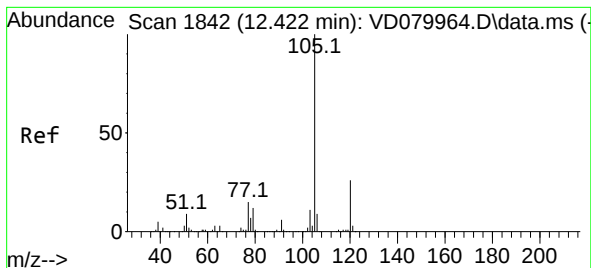
Tgt Ion:173 Resp: 27798
Ion Ratio Lower Upper
173 100
175 47.0 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion:152 Resp: 169441
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.8
150 165.1 0.0 354.8





#73

Isopropylbenzene

Concen: 17.670 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

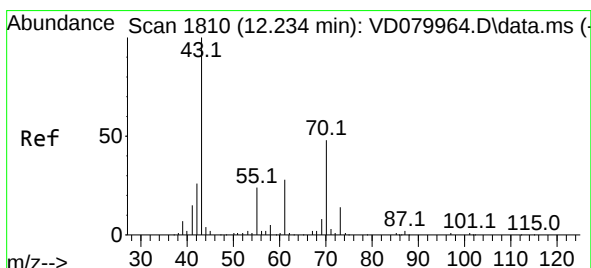
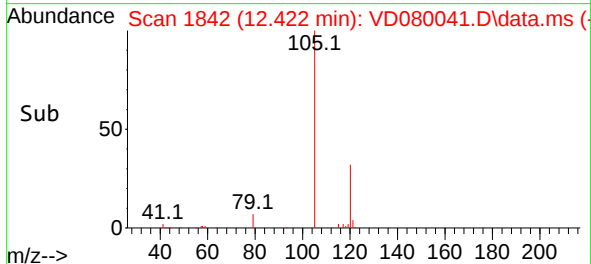
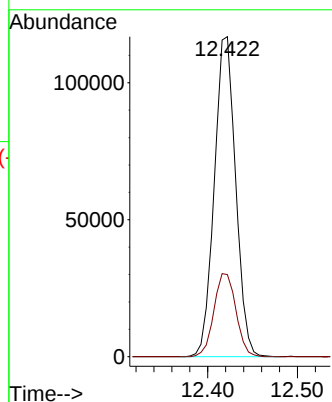
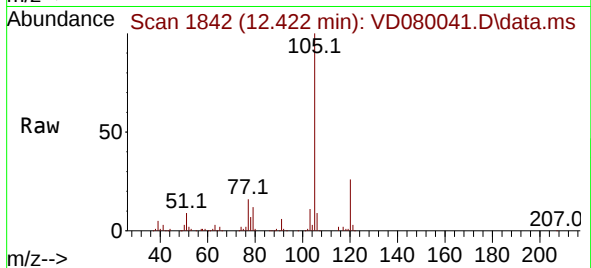
ClientSampleId :

Tgt Ion:105 Resp: 193084

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 18.477 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Tgt Ion: 43 Resp: 44486

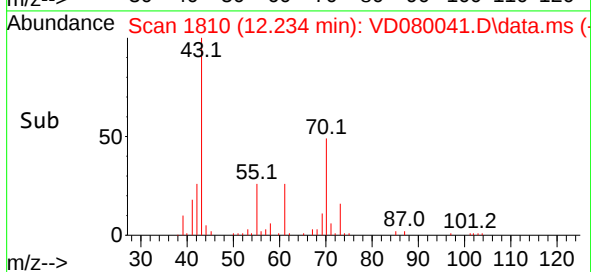
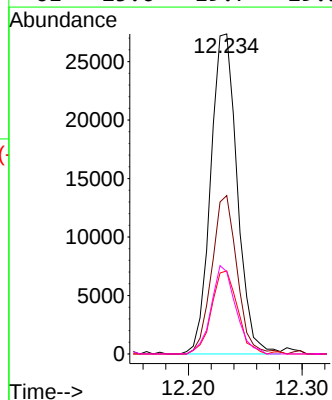
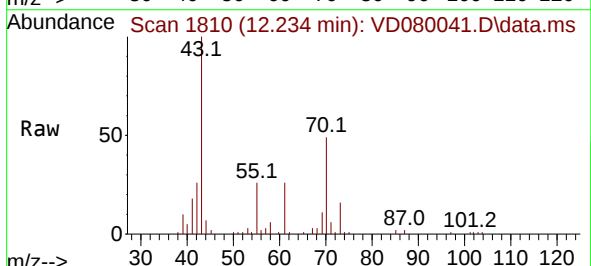
Ion Ratio Lower Upper

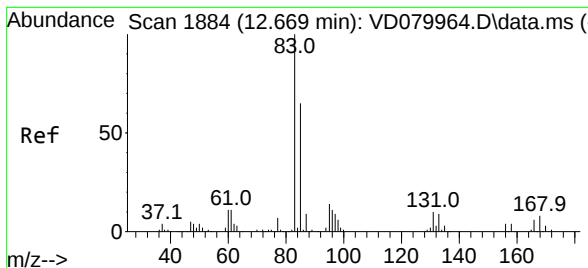
43 100

70 47.1 36.3 54.5

55 25.3 20.3 30.5

61 25.6 19.7 29.5

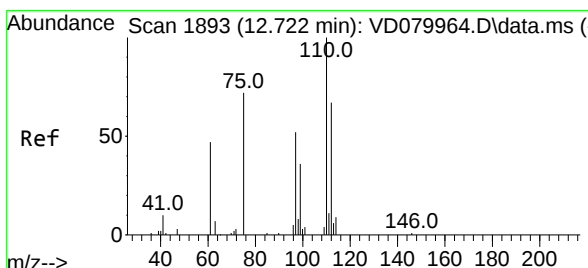
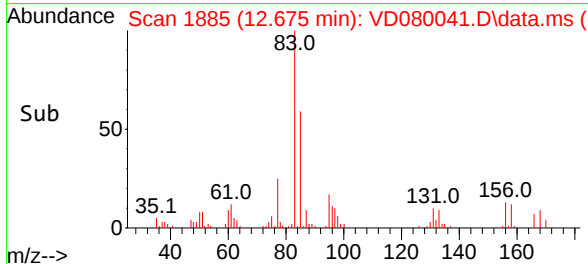
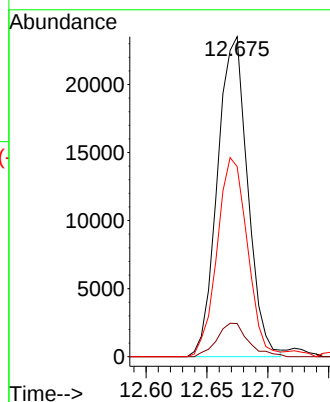
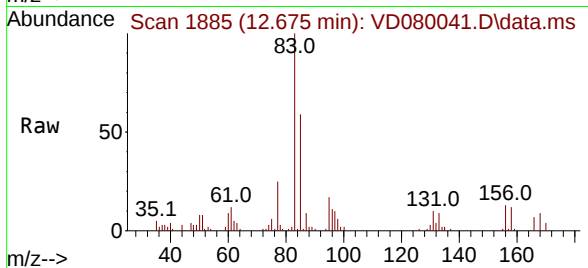




#75
1,1,2,2-Tetrachloroethane
Concen: 19.299 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

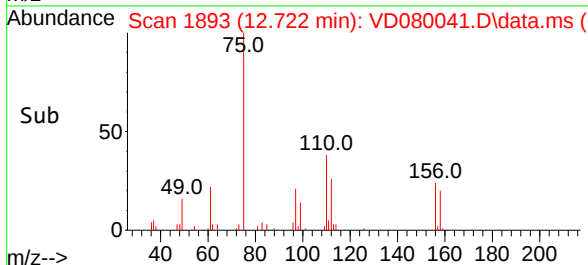
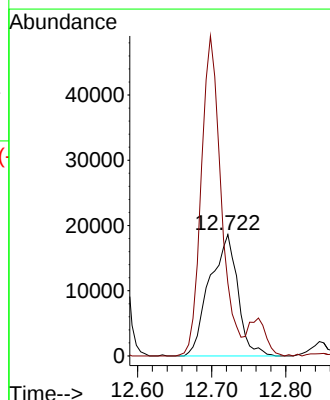
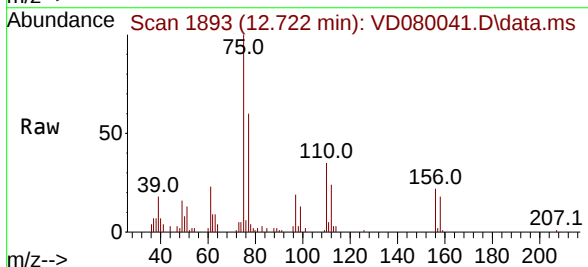
Instrument :
MSVOA_D
ClientSampleId :

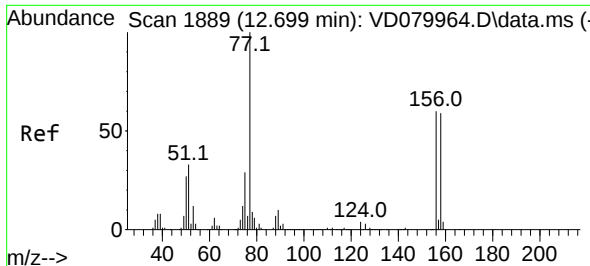
Tgt Ion: 83 Resp: 40527
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 62.6 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 32.760 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 75 Resp: 49016
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

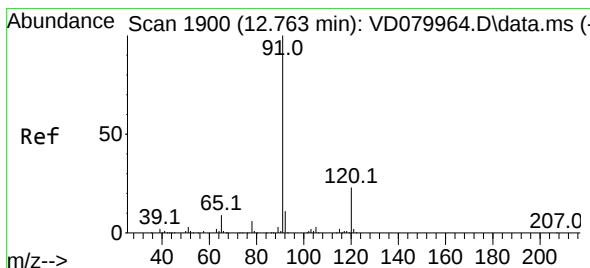
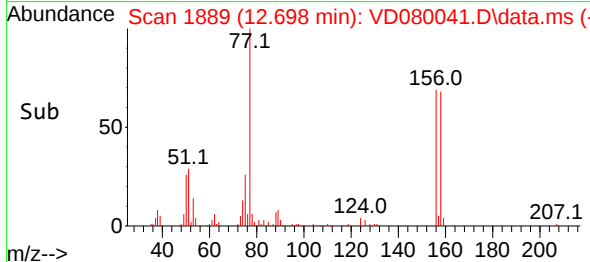
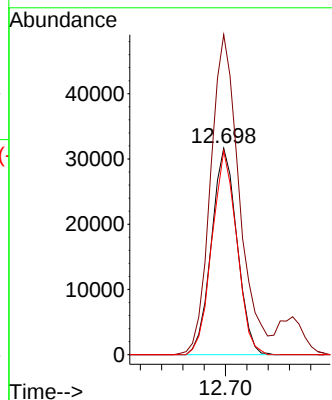
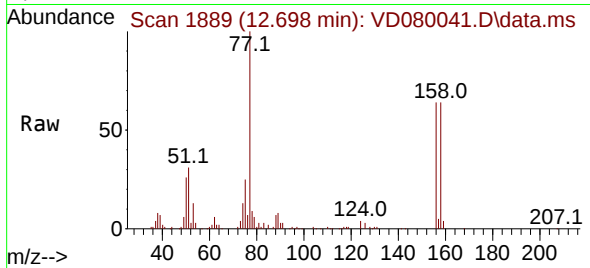




#77
Bromobenzene
Concen: 18.522 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.001 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

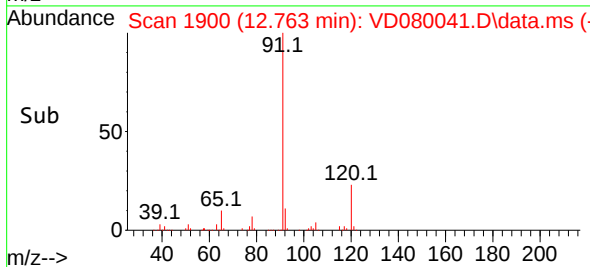
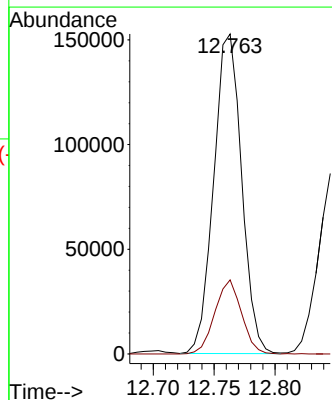
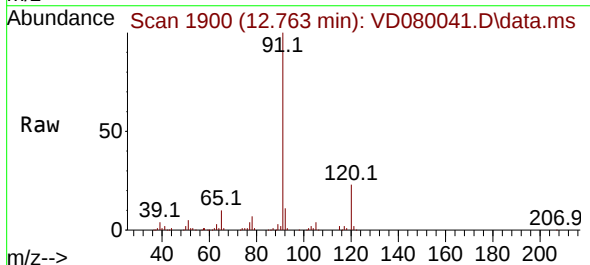
Instrument :
MSVOA_D
ClientSampleId :

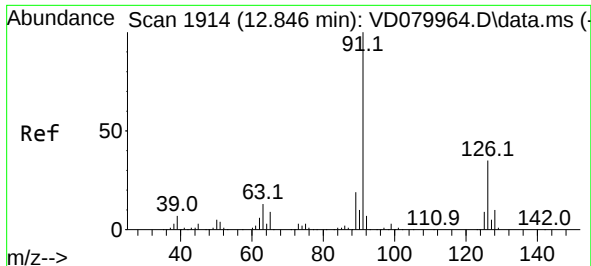
Tgt Ion:156 Resp: 52598
Ion Ratio Lower Upper
156 100
77 174.1 89.8 269.6
158 96.1 47.9 143.8



#78
n-propylbenzene
Concen: 18.010 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 91 Resp: 243204
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.5

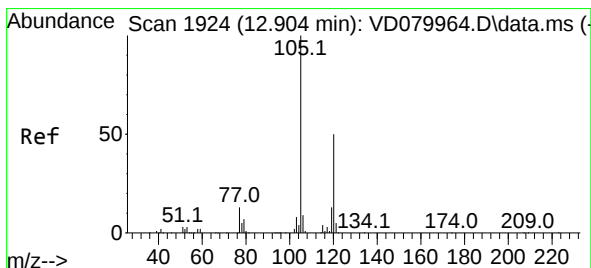
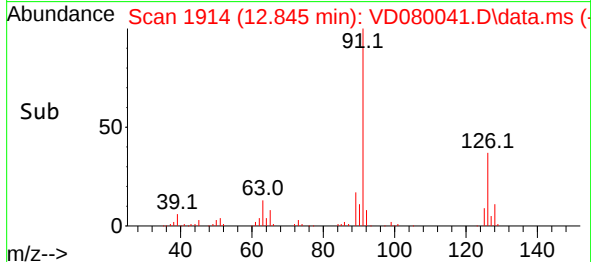
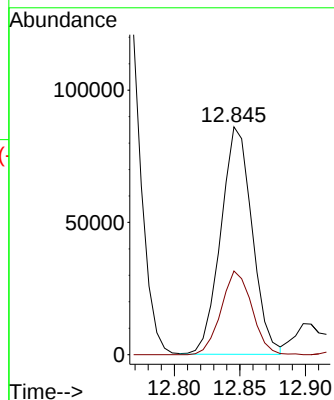
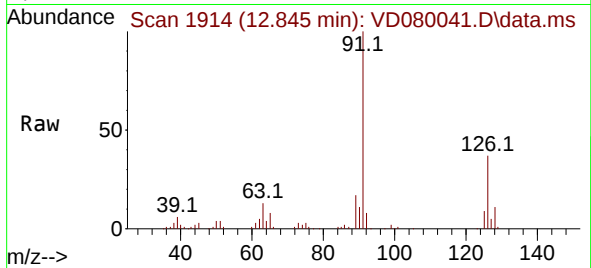




#79
2-Chlorotoluene
Concen: 18.077 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.001 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

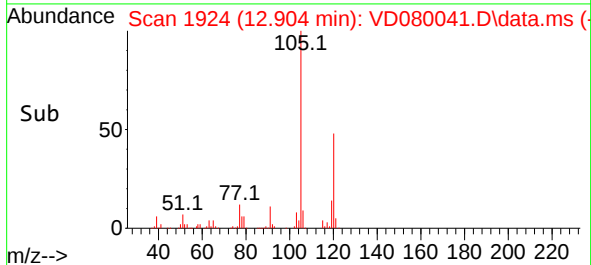
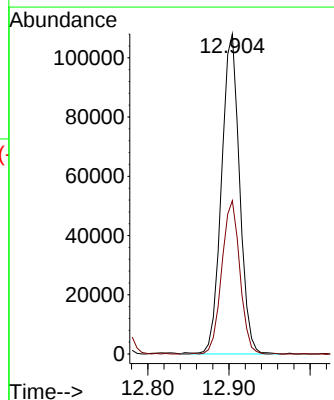
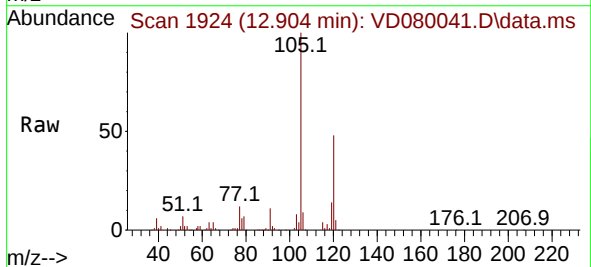
Instrument :
MSVOA_D
ClientSampleId :

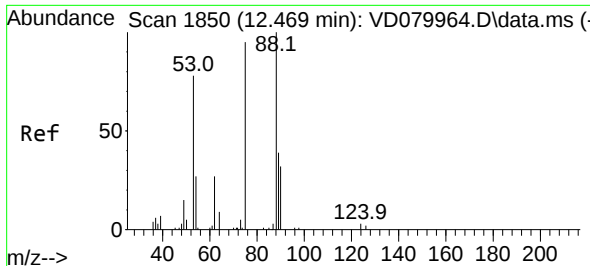
Tgt Ion: 91 Resp: 143157
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 18.083 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 105 Resp: 167232
Ion Ratio Lower Upper
105 100
120 47.9 25.0 75.0

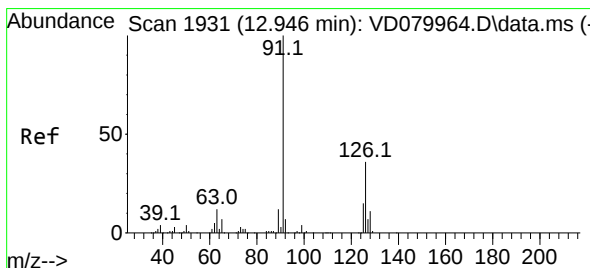
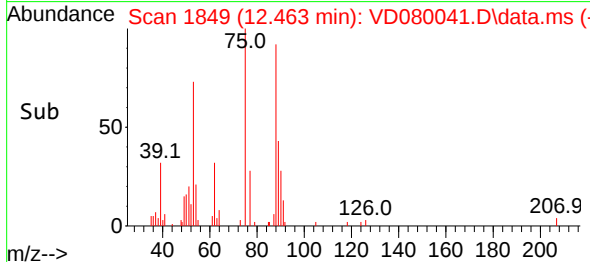
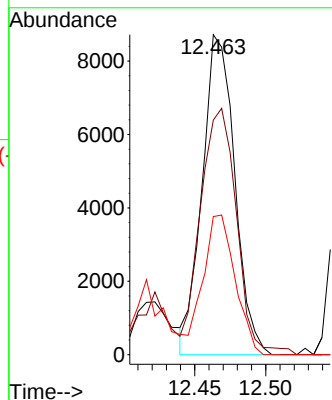
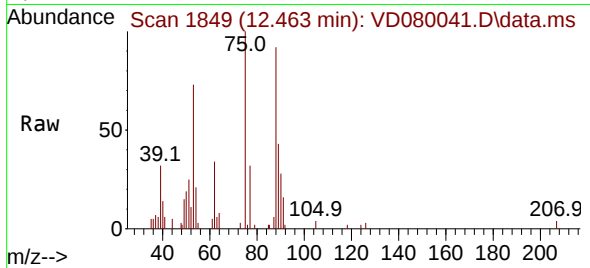




#81
trans-1,4-Dichloro-2-butene
Concen: 18.951 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

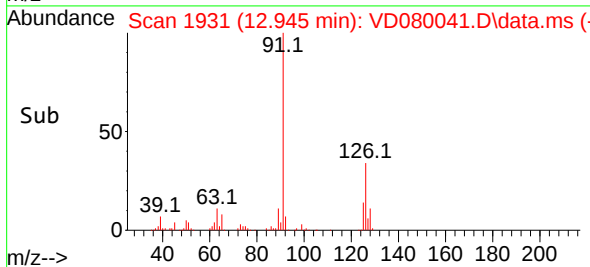
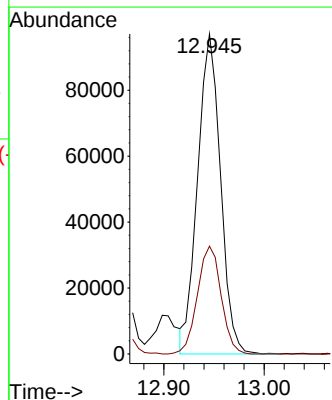
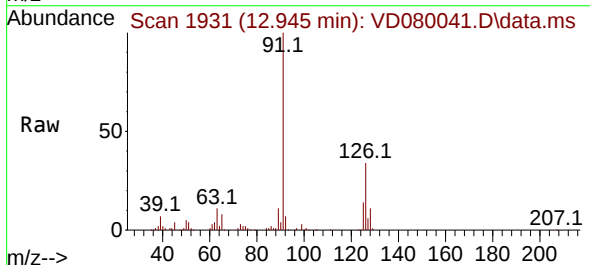
Instrument :
MSVOA_D
ClientSampleId :

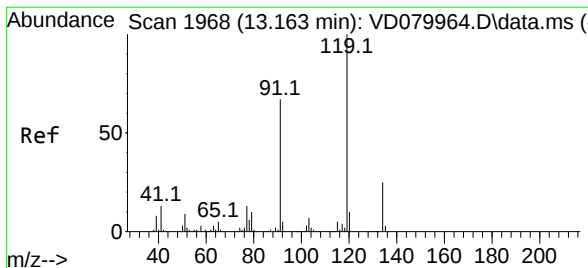
Tgt Ion: 75 Resp: 13854
Ion Ratio Lower Upper
75 100
53 85.5 68.7 103.1
89 42.6 36.1 54.1



#82
4-Chlorotoluene
Concen: 18.204 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.001 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 91 Resp: 154109
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.3





#83

tert-Butylbenzene

Concen: 17.184 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

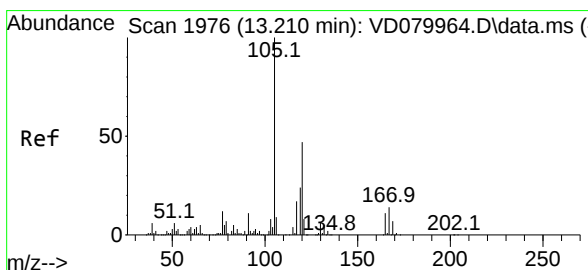
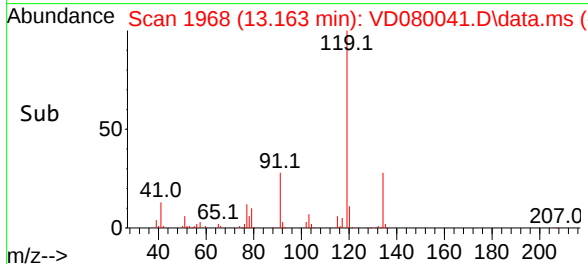
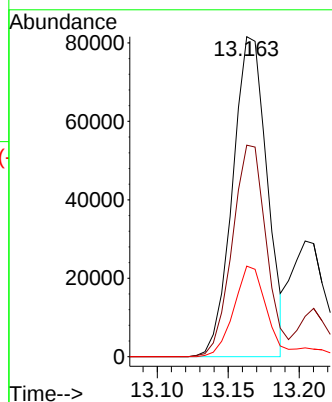
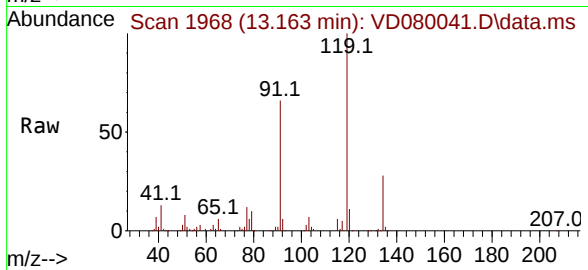
Tgt Ion:119 Resp: 137629

Ion Ratio Lower Upper

119 100

91 65.5 33.3 99.9

134 27.0 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 18.781 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080041.D

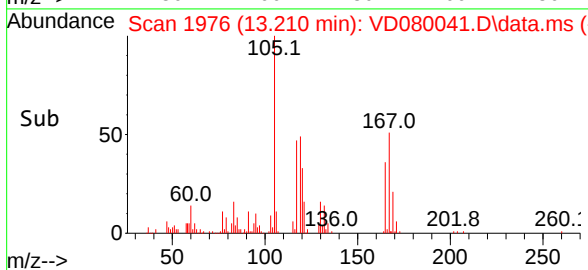
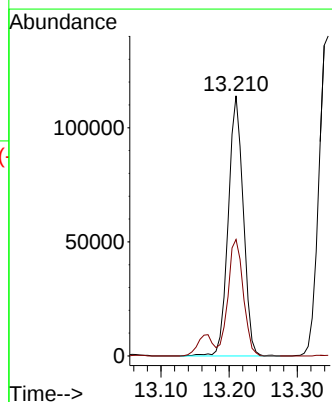
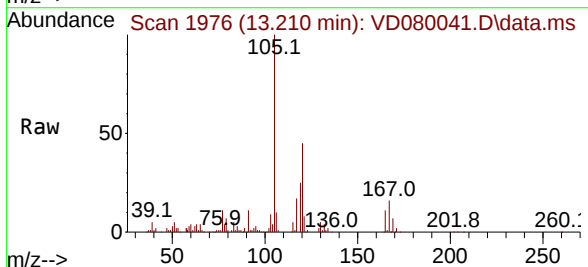
Acq: 17 Nov 2024 14:52

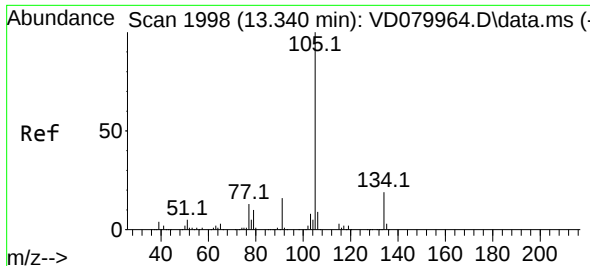
Tgt Ion:105 Resp: 174477

Ion Ratio Lower Upper

105 100

120 45.7 22.8 68.4

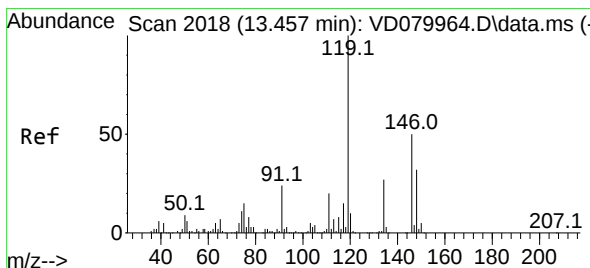
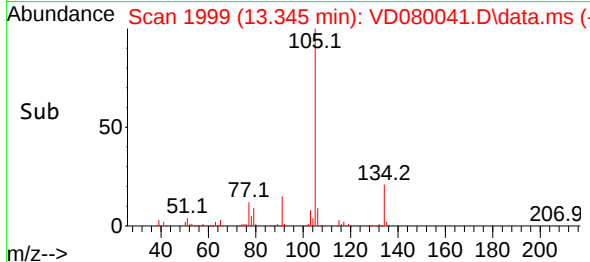
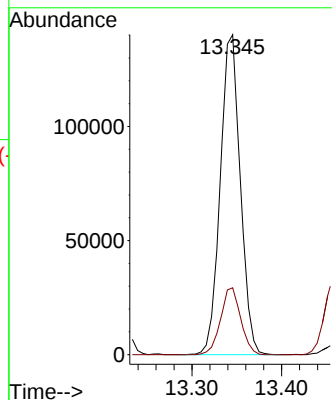
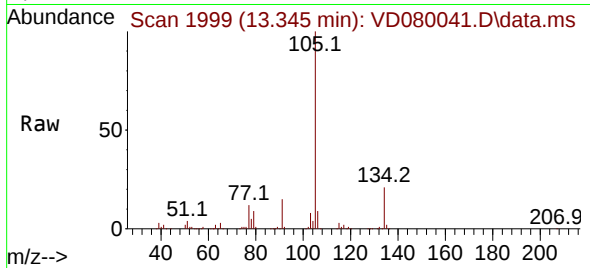




#85
 sec-Butylbenzene
 Concen: 18.372 ug/l
 RT: 13.345 min Scan# 1998
 Delta R.T. 0.005 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

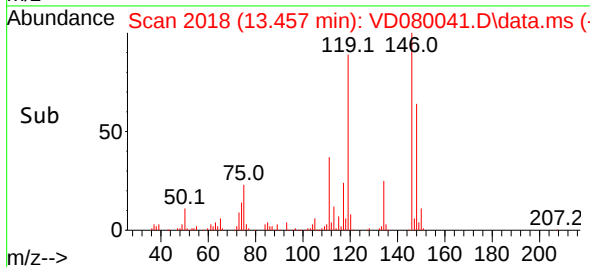
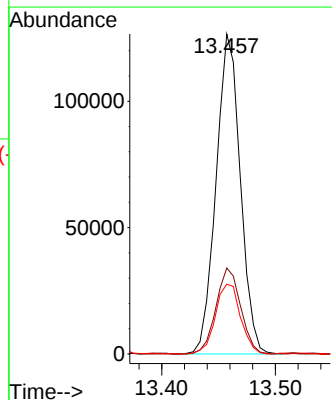
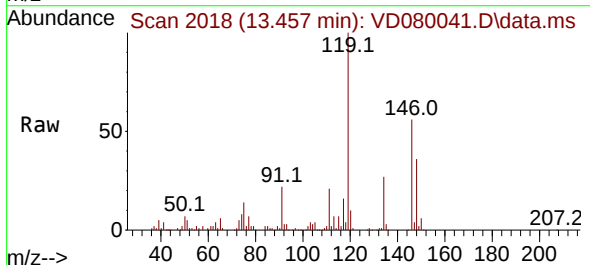
Instrument :
 MSVOA_D
 ClientSampleId :

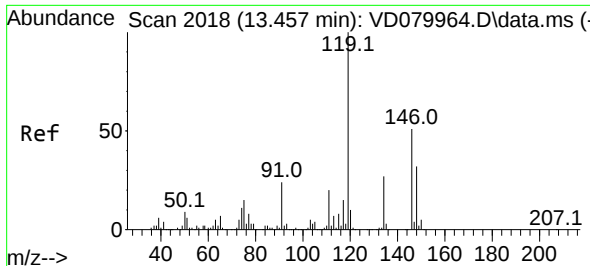
Tgt Ion:105 Resp: 217500
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.774 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

Tgt Ion:119 Resp: 187872
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.1 39.1
 91 22.6 12.2 36.4

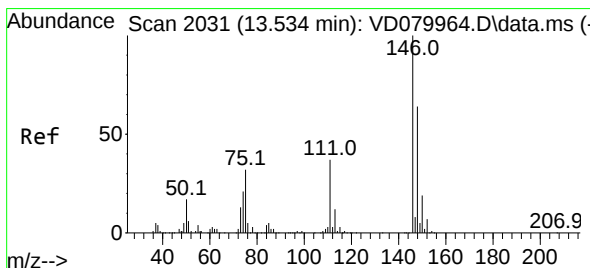
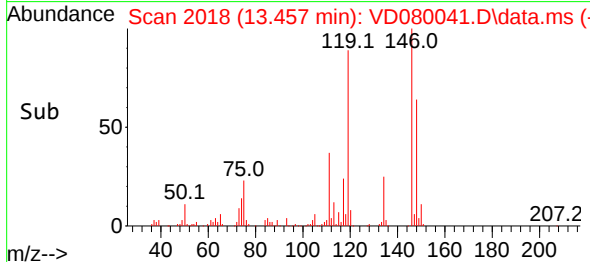
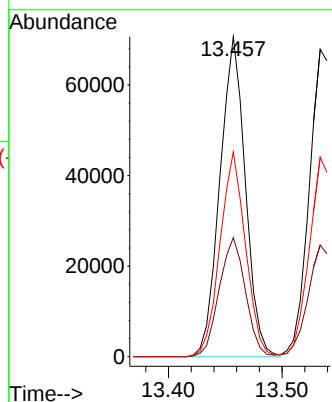
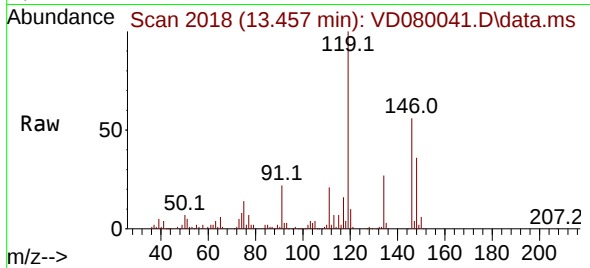




#87
 1,3-Dichlorobenzene
 Concen: 19.119 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

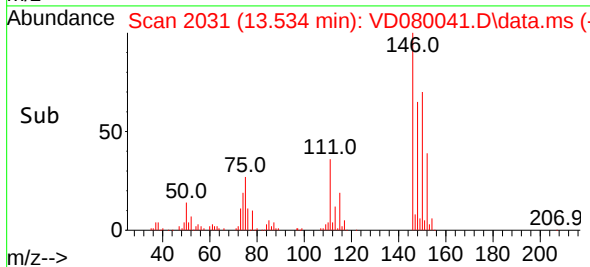
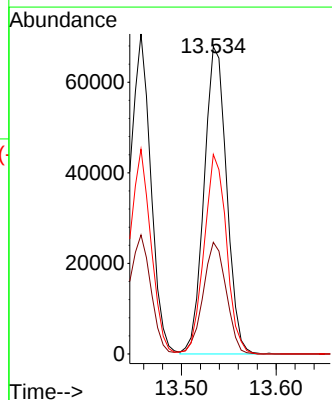
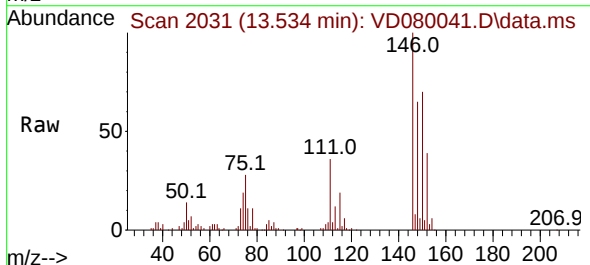
Instrument :
 MSVOA_D
 ClientSampleId :

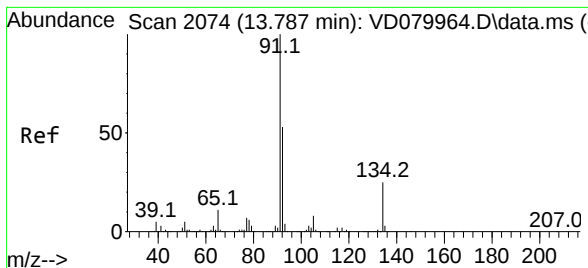
Tgt Ion:146 Resp: 109943
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.0 59.9
 148 64.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.437 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

Tgt Ion:146 Resp: 112252
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.3 57.8
 148 64.3 32.9 98.7





#89

n-Butylbenzene

Concen: 17.103 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

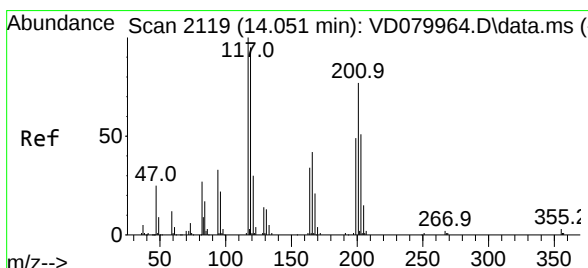
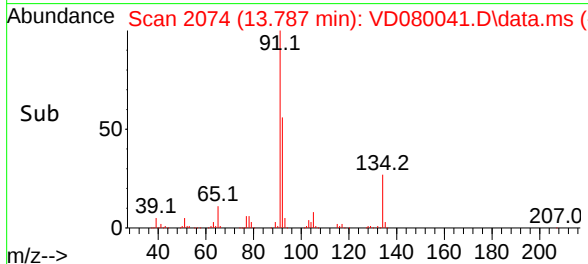
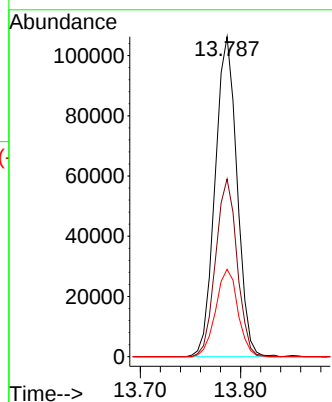
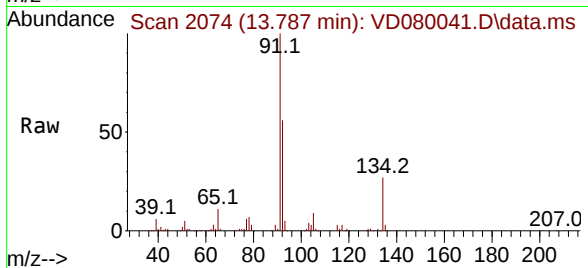
Tgt Ion: 91 Resp: 161016

Ion Ratio Lower Upper

91 100

92 54.4 26.3 78.9

134 27.6 12.3 36.8



#90

Hexachloroethane

Concen: 17.602 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD080041.D

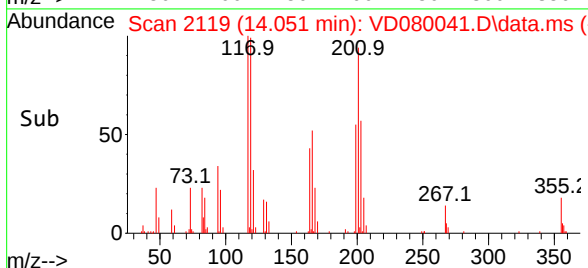
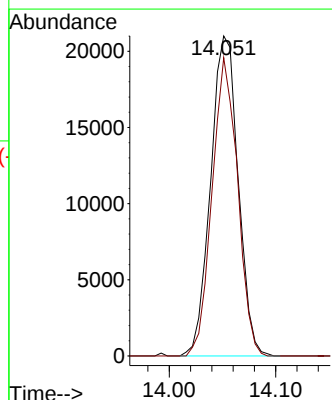
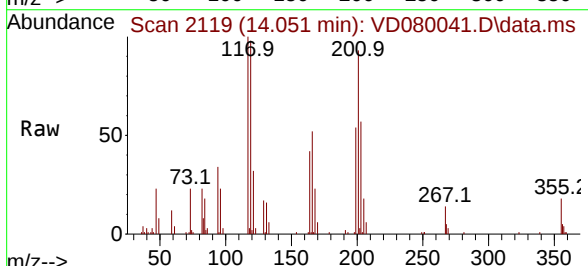
Acq: 17 Nov 2024 14:52

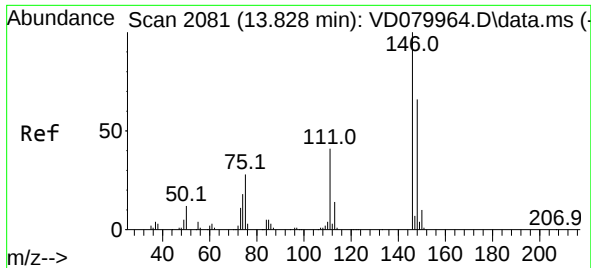
Tgt Ion: 117 Resp: 37761

Ion Ratio Lower Upper

117 100

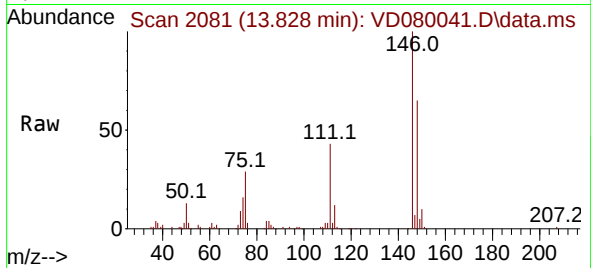
201 86.1 37.5 112.5



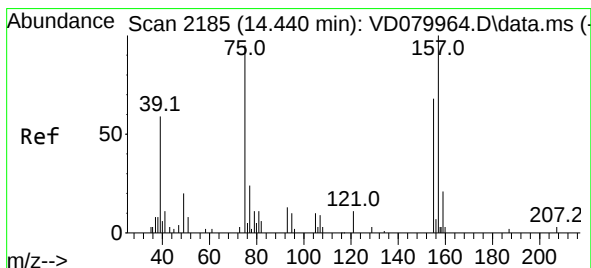
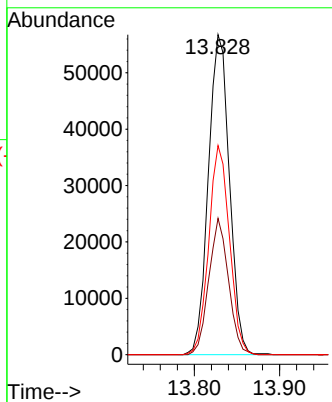
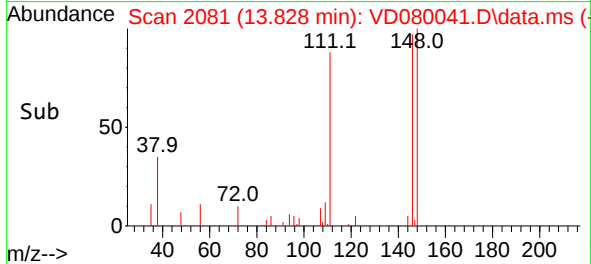


#91
1,2-Dichlorobenzene
Concen: 19.420 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Instrument :
MSVOA_D
ClientSampleId :

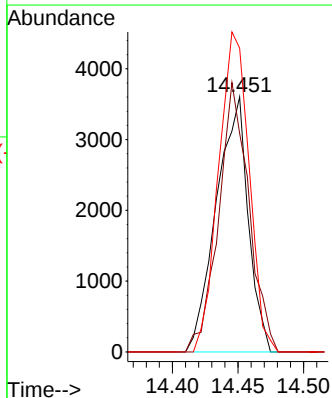
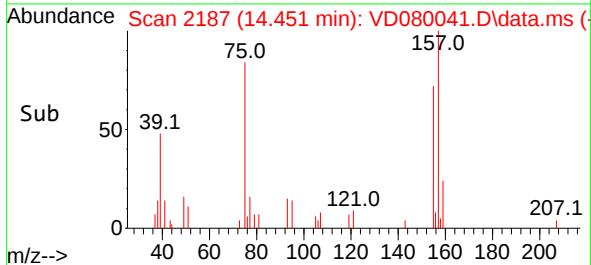
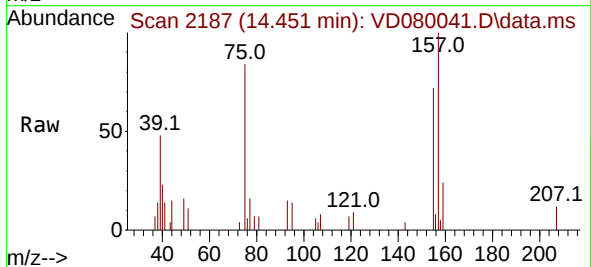


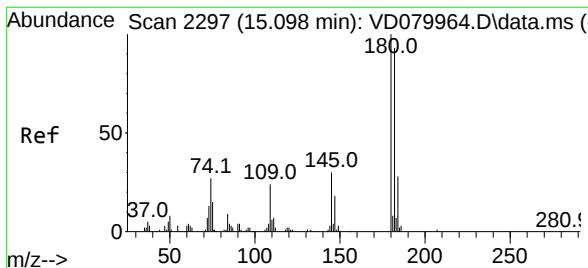
Tgt Ion:146 Resp: 97375
Ion Ratio Lower Upper
146 100
111 39.8 20.6 61.8
148 64.2 32.7 98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.159 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.011 min
Lab File: VD080041.D
Acq: 17 Nov 2024 14:52

Tgt Ion: 75 Resp: 6084
Ion Ratio Lower Upper
75 100
155 100.4 40.6 122.0
157 120.5 53.3 159.9





#93

1,2,4-Trichlorobenzene

Concen: 18.091 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

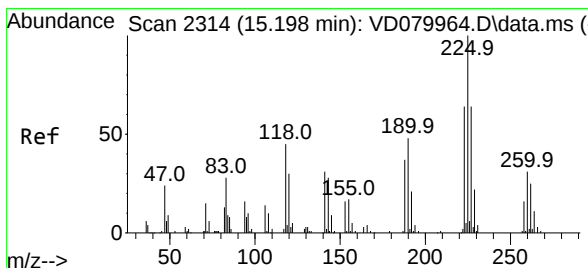
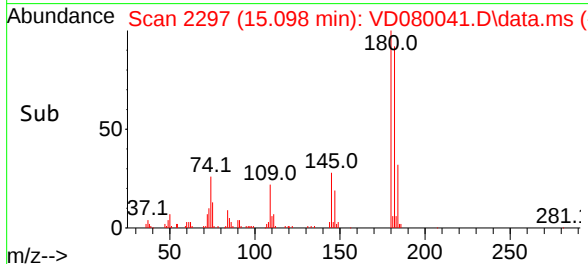
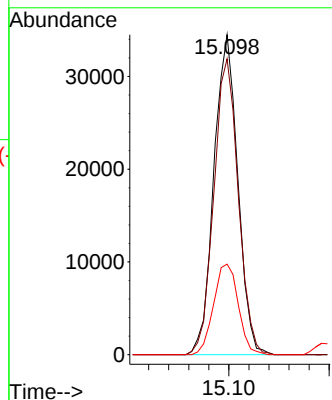
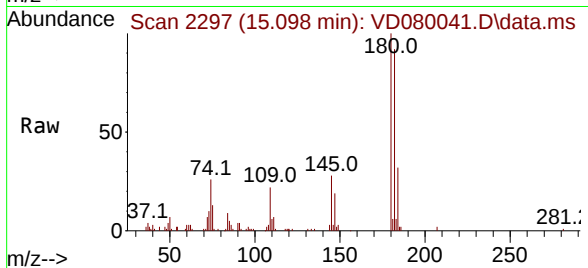
Tgt Ion:180 Resp: 56881

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.2

145 29.2 14.7 44.1



#94

Hexachlorobutadiene

Concen: 17.618 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD080041.D

Acq: 17 Nov 2024 14:52

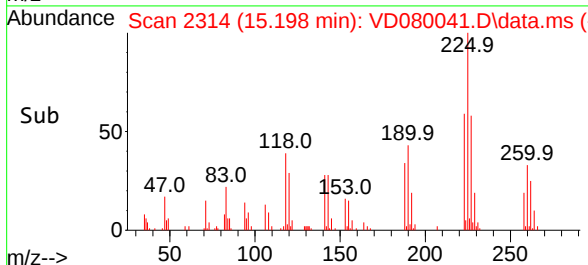
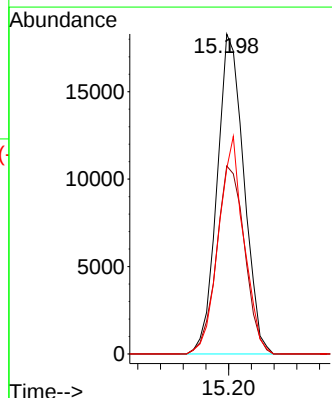
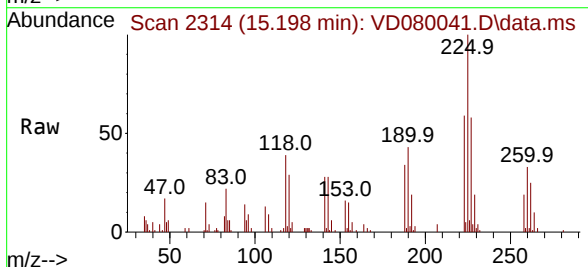
Tgt Ion:225 Resp: 29940

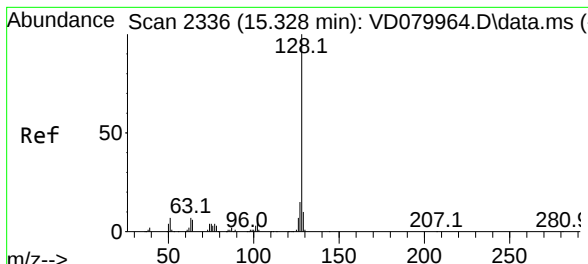
Ion Ratio Lower Upper

225 100

223 61.9 31.5 94.5

227 64.3 30.9 92.5



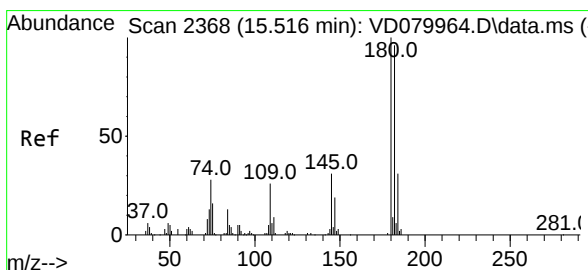
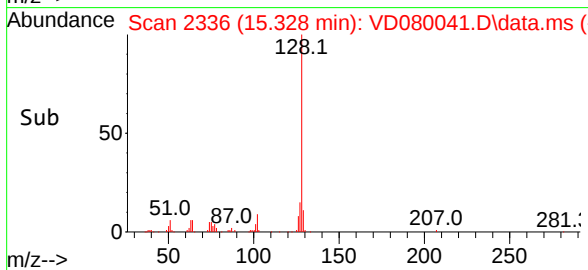
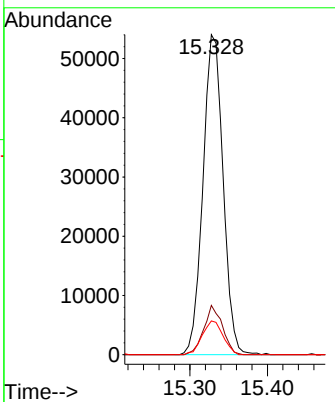
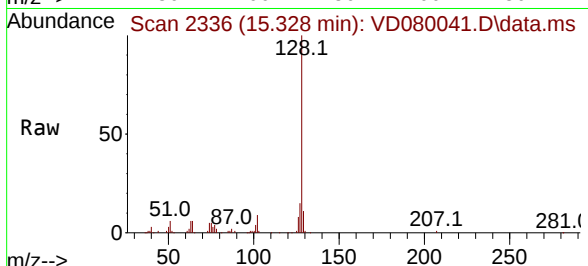


#95
 Naphthalene
 Concen: 18.262 ug/l
 RT: 15.328 min Scan# 2336
 Delta R.T. -0.000 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:128 Resp: 97532

Ion	Ratio	Lower	Upper
128	100		
127	15.4	11.8	17.8
129	10.6	8.3	12.5



#96
 1,2,3-Trichlorobenzene
 Concen: 18.556 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.006 min
 Lab File: VD080041.D
 Acq: 17 Nov 2024 14:52

Tgt Ion:180 Resp: 51237

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.6
145	30.7	15.7	47.0

