

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080094.D
 Acq On : 19 Nov 2024 20:07
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:59:48 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	164896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	271611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	260085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95306	56.136	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.280%	
35) Dibromofluoromethane	7.804	113	96245	53.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.269	98	367710	53.971	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.940%	
62) 4-Bromofluorobenzene	12.569	95	122401	54.759	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	67392	50.923	ug/l	98
3) Chloromethane	2.146	50	76414	78.516	ug/l	94
4) Vinyl Chloride	2.281	62	96992	87.296	ug/l	94
5) Bromomethane	2.687	94	83635	75.180	ug/l	99
6) Chloroethane	2.834	64	65113	81.987	ug/l	97
7) Trichlorofluoromethane	3.169	101	141070	51.693	ug/l	97
8) Diethyl Ether	3.599	74	46500	58.370	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.963	101	85412	50.102	ug/l	95
10) Methyl Iodide	4.158	142	116908	55.404	ug/l	97
11) Tert butyl alcohol	5.063	59	26621	301.307	ug/l #	87
12) 1,1-Dichloroethene	3.940	96	87886	51.436	ug/l #	89
13) Acrolein	3.793	56	35563	209.775	ug/l	100
14) Allyl chloride	4.563	41	122824	50.712	ug/l	96
15) Acrylonitrile	5.252	53	101076	285.601	ug/l	98
16) Acetone	4.022	43	88982	241.558	ug/l	91
17) Carbon Disulfide	4.269	76	283959	51.611	ug/l	100
18) Methyl Acetate	4.569	43	49288	60.330	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	209120	59.992	ug/l	96
20) Methylene Chloride	4.805	84	106926	54.125	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	100801	53.365	ug/l	94
22) Diisopropyl ether	6.216	45	281656	57.428	ug/l #	97
23) Vinyl Acetate	6.157	43	804373	286.258	ug/l	98
24) 1,1-Dichloroethane	6.116	63	176683	54.164	ug/l	98
25) 2-Butanone	7.081	43	126841	263.498	ug/l	97
26) 2,2-Dichloropropane	7.075	77	138179	48.732	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	118953	54.876	ug/l	97
28) Bromochloromethane	7.422	49	80571	55.503	ug/l #	95
29) Tetrahydrofuran	7.446	42	80372	304.807	ug/l	98
30) Chloroform	7.599	83	191005	55.580	ug/l	96
31) Cyclohexane	7.875	56	126897	45.900	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	156069	53.067	ug/l	98
36) 1,1-Dichloropropene	8.010	75	125992	50.972	ug/l	99
37) Ethyl Acetate	7.169	43	58621	55.176	ug/l	97
38) Carbon Tetrachloride	7.987	117	132588	49.096	ug/l	97
39) Methylcyclohexane	9.275	83	141590	48.113	ug/l	97
40) Benzene	8.252	78	407252	52.858	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	26608	46.407	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	109356	54.845	ug/l	98
43) Isopropyl Acetate	8.363	43	106910	55.511	ug/l	99
44) Trichloroethene	9.028	130	102277	51.300	ug/l	97
45) 1,2-Dichloropropane	9.304	63	101384	54.756	ug/l	96
46) Dibromomethane	9.393	93	59778	55.507	ug/l	97
47) Bromodichloromethane	9.581	83	145933	54.137	ug/l	95
48) Methyl methacrylate	9.375	41	53270	57.938	ug/l	99
49) 1,4-Dioxane	9.381	88	13026	1318.518	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	285562	292.248	ug/l	99
52) Toluene	10.328	92	263459	55.026	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	131665	54.793	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	155176	54.546	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	80490	56.493	ug/l	97
56) Ethyl methacrylate	10.598	69	98640	59.537	ug/l	95
57) 1,3-Dichloropropane	10.875	76	130701	56.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	171234	273.266	ug/l	95
59) 2-Hexanone	10.916	43	206288	287.021	ug/l	97
60) Dibromochloromethane	11.069	129	104363	56.907	ug/l	99
61) 1,2-Dibromoethane	11.181	107	75341	56.084	ug/l	96
64) Tetrachloroethene	10.804	164	91308	49.298	ug/l	98
65) Chlorobenzene	11.604	112	291224	51.331	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	103011	52.160	ug/l	98
67) Ethyl Benzene	11.681	91	495544	52.055	ug/l	98
68) m/p-Xylenes	11.792	106	390864	105.061	ug/l	100
69) o-Xylene	12.122	106	181473	54.264	ug/l	97
70) Styrene	12.134	104	331836	55.593	ug/l	99
71) Bromoform	12.298	173	63388	54.438	ug/l #	99
73) Isopropylbenzene	12.416	105	463080	50.613	ug/l	99
74) N-amyl acetate	12.228	43	106902	53.027	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	92078	52.366	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	114213	91.166	ug/l #	100
77) Bromobenzene	12.698	156	123747	52.044	ug/l	96
78) n-propylbenzene	12.763	91	575960	50.937	ug/l	99
79) 2-Chlorotoluene	12.845	91	343315	51.775	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	406887	52.546	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	32928	53.793	ug/l	95
82) 4-Chlorotoluene	12.945	91	359635	50.734	ug/l	98
83) tert-Butylbenzene	13.163	119	330293	49.250	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	414592	53.297	ug/l	100
85) sec-Butylbenzene	13.339	105	505462	50.990	ug/l	99
86) p-Isopropyltoluene	13.457	119	432405	51.605	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	245315	50.949	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	243154	50.283	ug/l	98
89) n-Butylbenzene	13.787	91	396115	50.249	ug/l	99
90) Hexachloroethane	14.051	117	88304	49.160	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	219805	52.353	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	13999	52.650	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	136988	52.033	ug/l	99
94) Hexachlorobutadiene	15.204	225	70827	49.776	ug/l	100
95) Naphthalene	15.328	128	253675	56.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	126856	54.868	ug/l	98

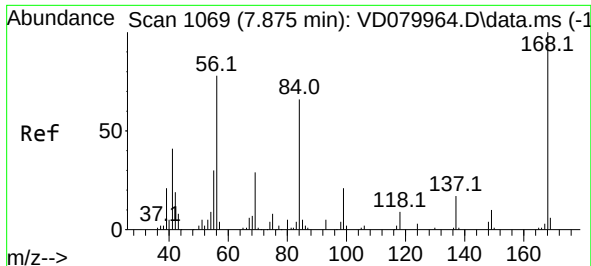
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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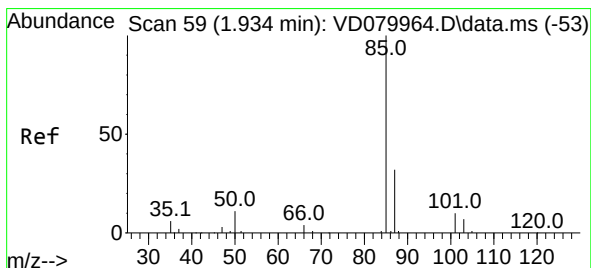
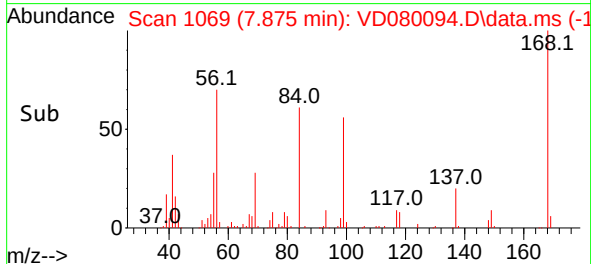
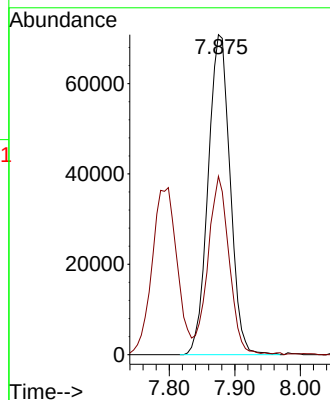
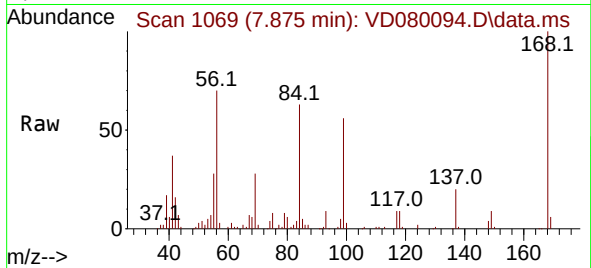
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

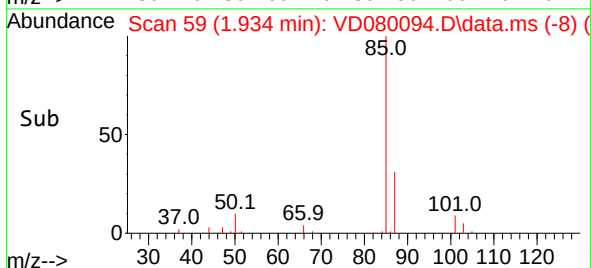
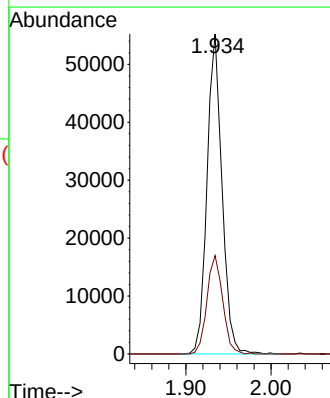
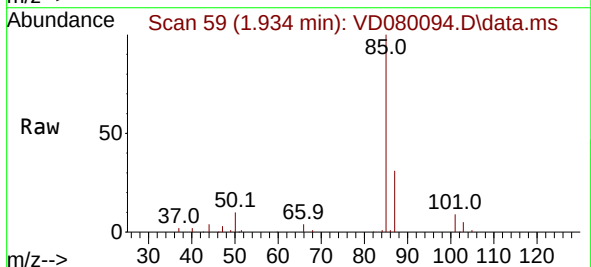
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MSVOA_D
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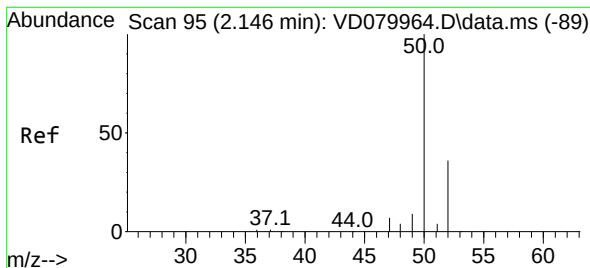
Tgt Ion:168 Resp: 164896
Ion Ratio Lower Upper
168 100
99 55.1 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 50.923 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 85 Resp: 67392
Ion Ratio Lower Upper
85 100
87 30.7 16.1 48.2





#3

Chloromethane

Concen: 78.516 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

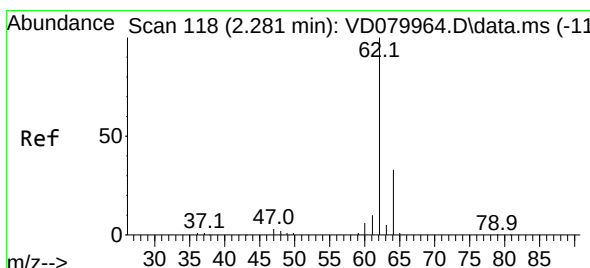
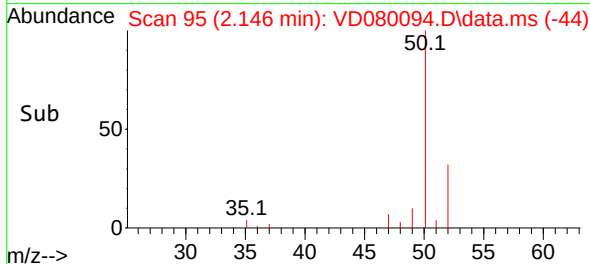
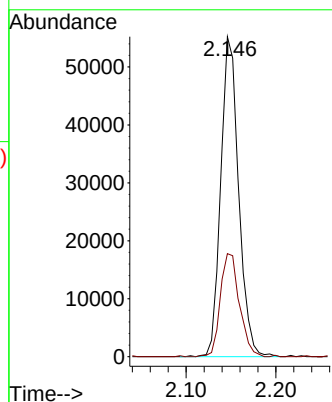
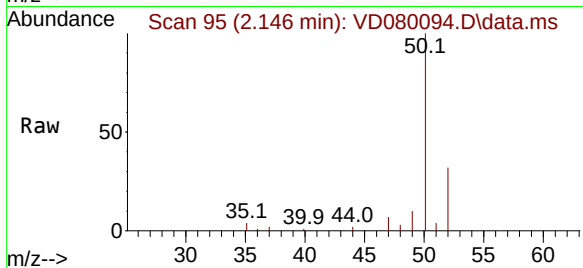
ClientSampleId :

Tgt Ion: 50 Resp: 76414

Ion Ratio Lower Upper

50 100

52 32.2 28.8 43.2



#4

Vinyl Chloride

Concen: 87.296 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD080094.D

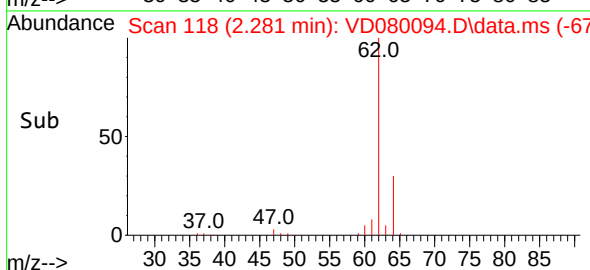
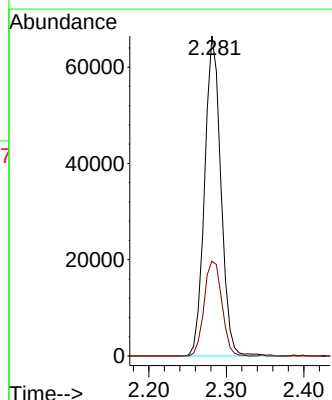
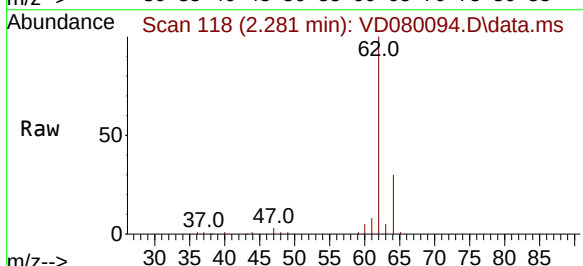
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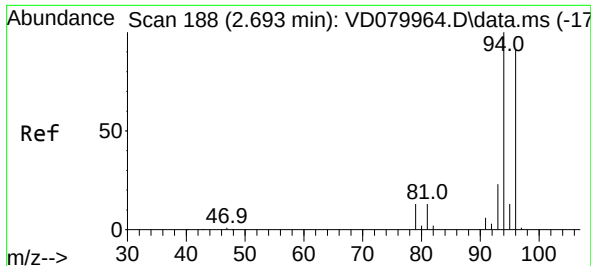
Tgt Ion: 62 Resp: 96992

Ion Ratio Lower Upper

62 100

64 29.6 26.5 39.7

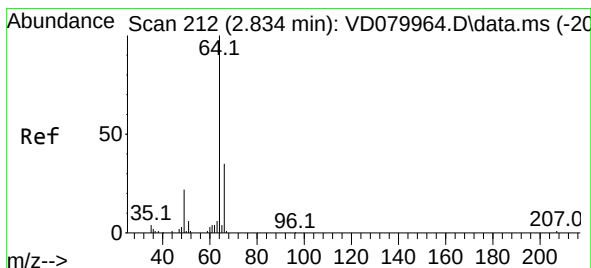
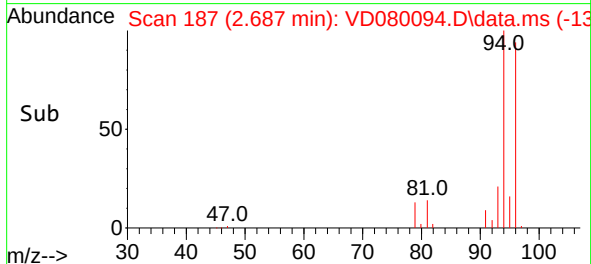
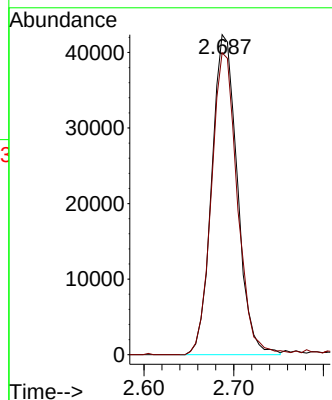
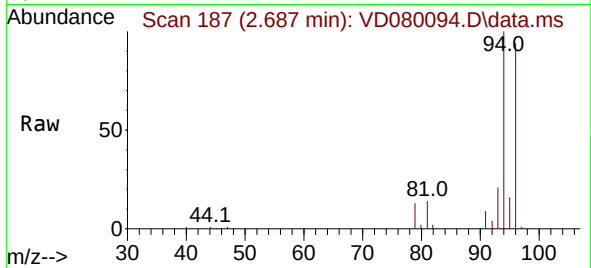




#5
Bromomethane
Concen: 75.180 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

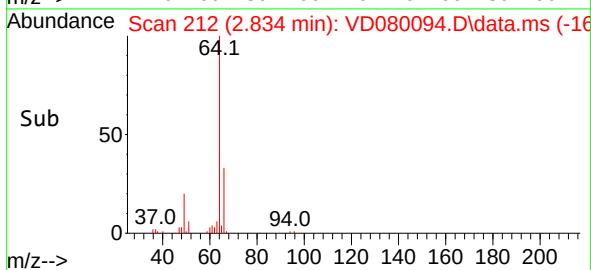
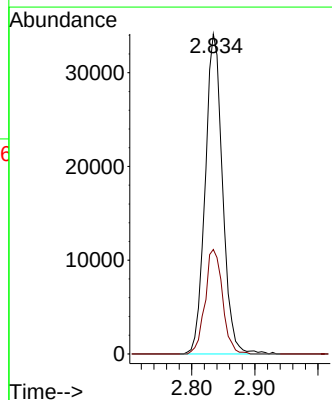
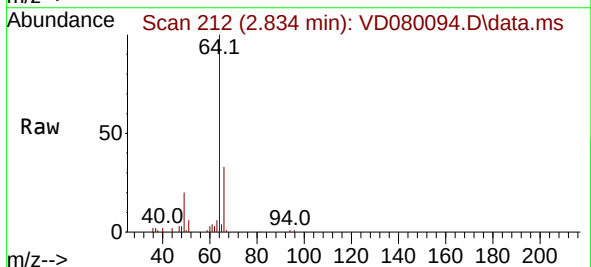
Instrument :
MSVOA_D
ClientSampleId :

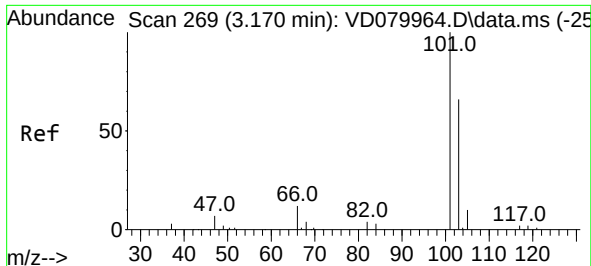
Tgt Ion: 94 Resp: 83635
Ion Ratio Lower Upper
94 100
96 96.1 76.2 114.2



#6
Chloroethane
Concen: 81.987 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

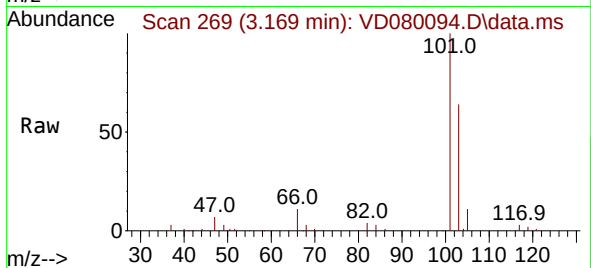
Tgt Ion: 64 Resp: 65113
Ion Ratio Lower Upper
64 100
66 32.7 27.6 41.4



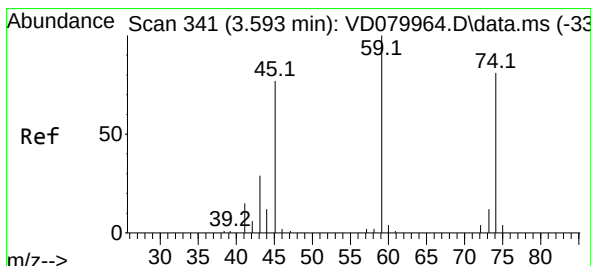
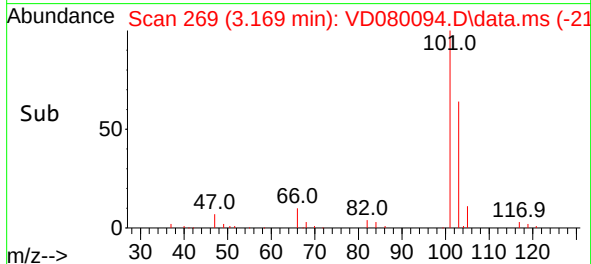
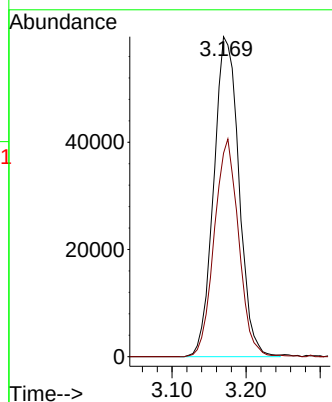


#7
 Trichlorofluoromethane
 Concen: 51.693 ug/l
 RT: 3.169 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VD080094.D
 Acq: 19 Nov 2024 20:07

Instrument :
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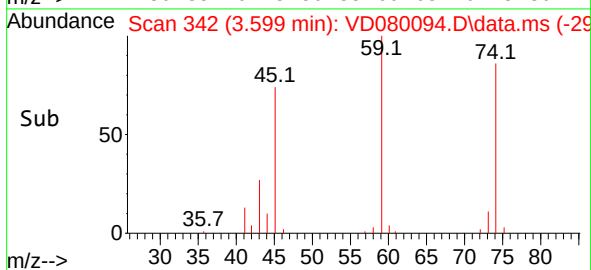
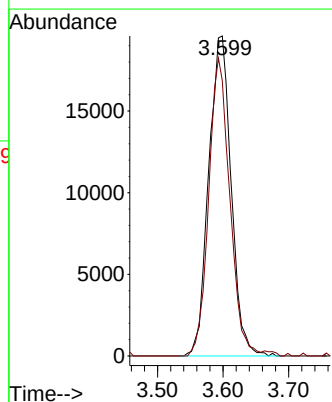
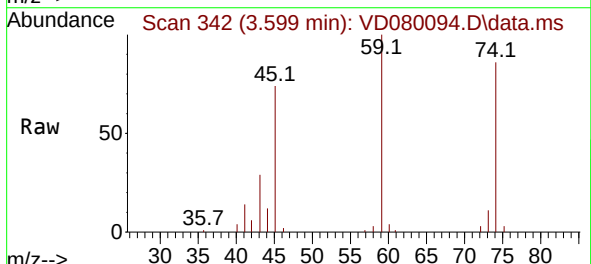


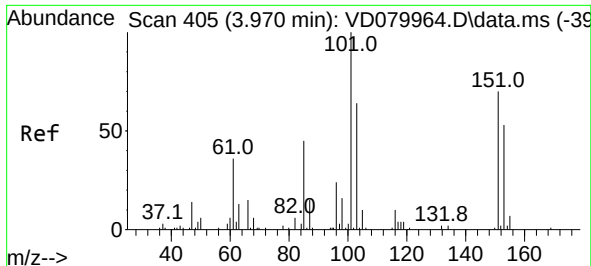
Tgt Ion:101 Resp: 141070
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.0 79.6



#8
 Diethyl Ether
 Concen: 58.370 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD080094.D
 Acq: 19 Nov 2024 20:07

Tgt Ion: 74 Resp: 46500
 Ion Ratio Lower Upper
 74 100
 45 87.4 47.8 143.3

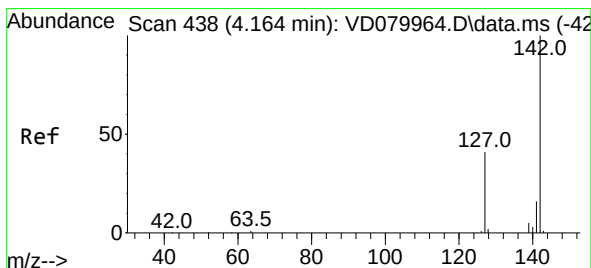
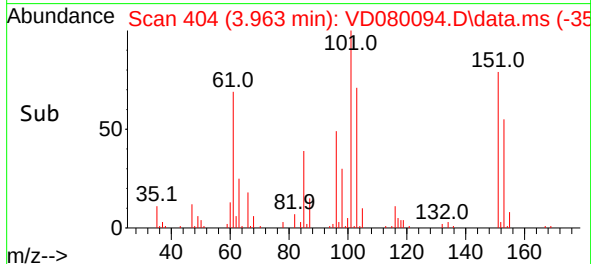
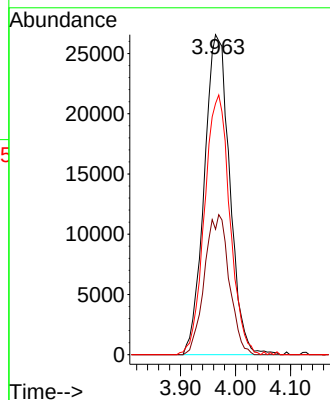
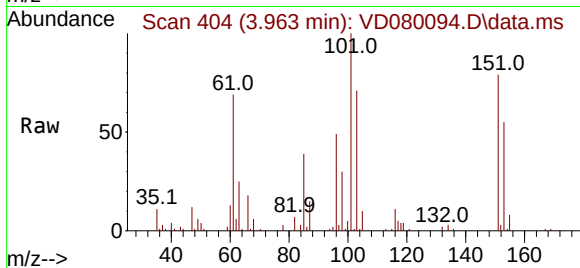




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.102 ug/l
 RT: 3.963 min Scan# 404
 Delta R.T. -0.007 min
 Lab File: VD080094.D
 Acq: 19 Nov 2024 20:07

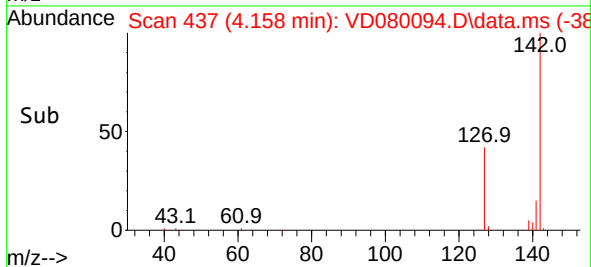
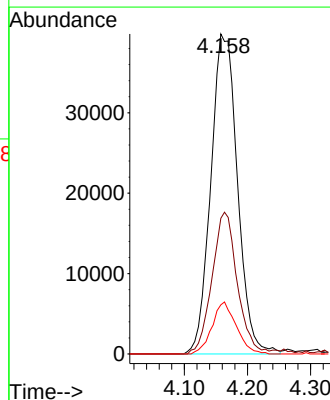
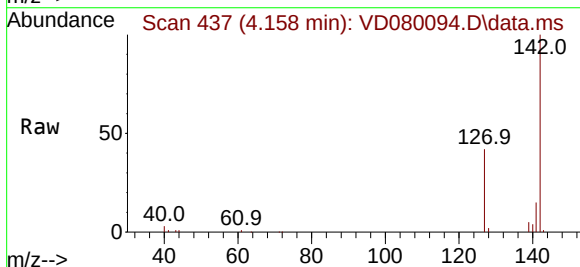
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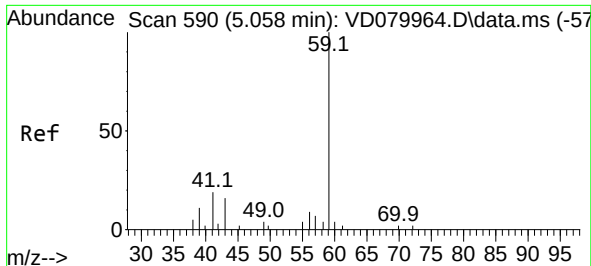
Tgt Ion:101 Resp: 85412
 Ion Ratio Lower Upper
 101 100
 85 42.5 35.3 52.9
 151 80.7 60.3 90.5



#10
 Methyl Iodide
 Concen: 55.404 ug/l
 RT: 4.158 min Scan# 437
 Delta R.T. -0.006 min
 Lab File: VD080094.D
 Acq: 19 Nov 2024 20:07

Tgt Ion:142 Resp: 116908
 Ion Ratio Lower Upper
 142 100
 127 42.0 35.3 52.9
 141 14.8 12.2 18.2

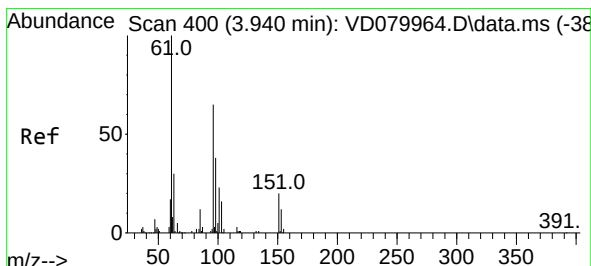
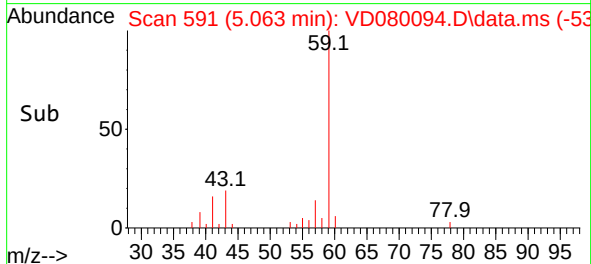
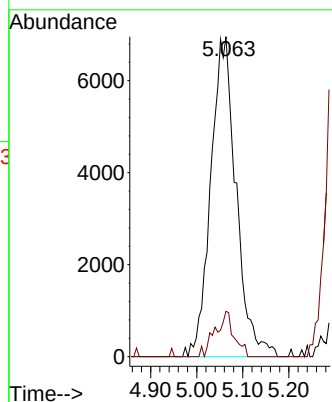
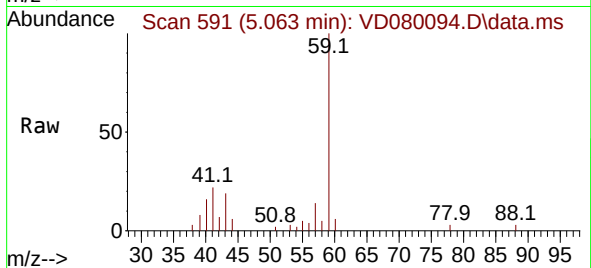




#11
Tert butyl alcohol
Concen: 301.307 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.005 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

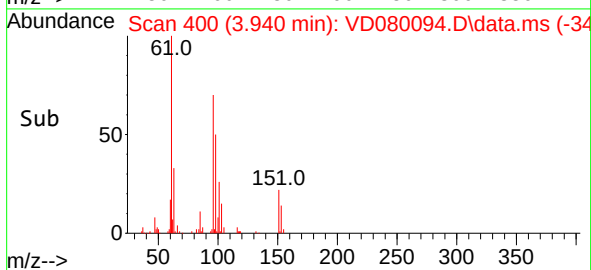
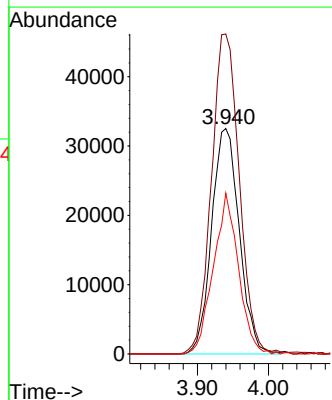
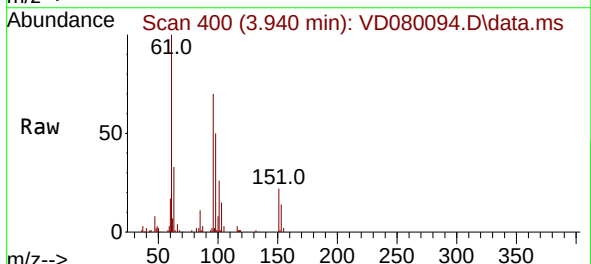
Instrument :
MSVOA_D
ClientSampleId :

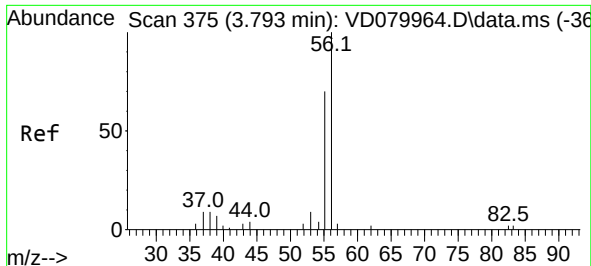
Tgt Ion: 59 Resp: 26621
Ion Ratio Lower Upper
59 100
57 10.4 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 51.436 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 96 Resp: 87886
Ion Ratio Lower Upper
96 100
61 141.9 122.6 184.0
98 71.3 47.1 70.7#





#13

Acrolein

Concen: 209.775 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

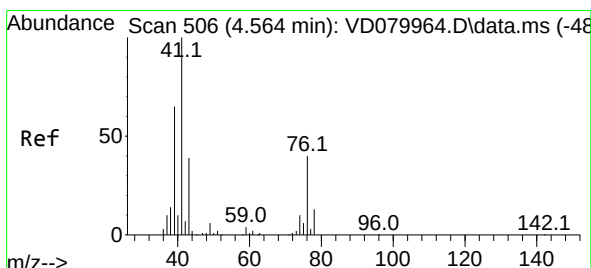
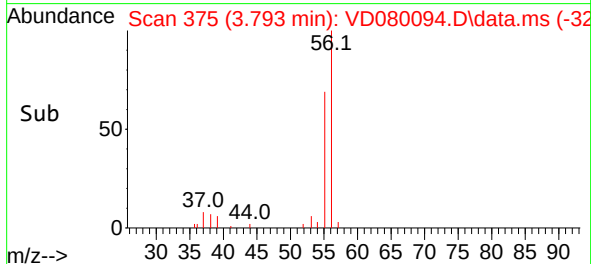
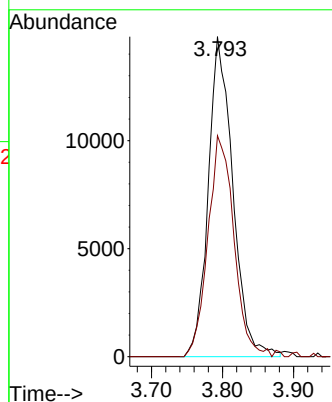
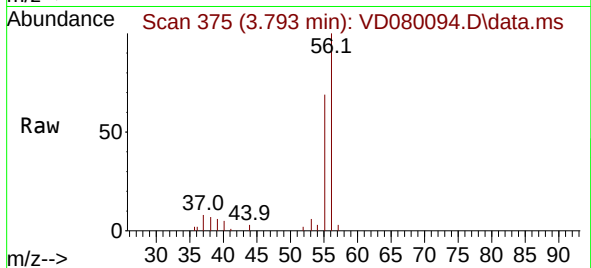
ClientSampleId :

Tgt Ion: 56 Resp: 35563

Ion Ratio Lower Upper

56 100

55 72.8 58.2 87.2



#14

Allyl chloride

Concen: 50.712 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

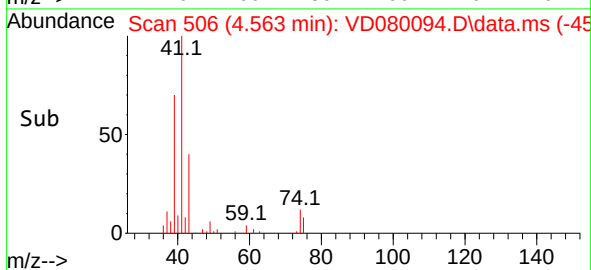
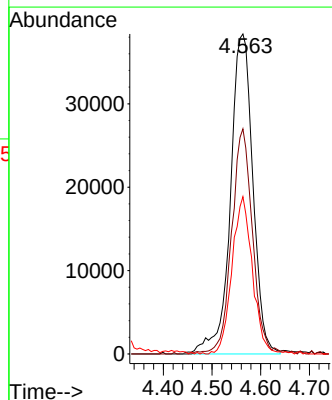
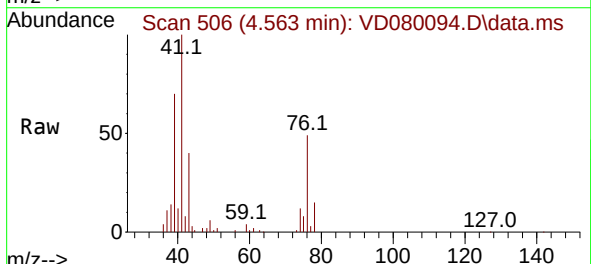
Tgt Ion: 41 Resp: 122824

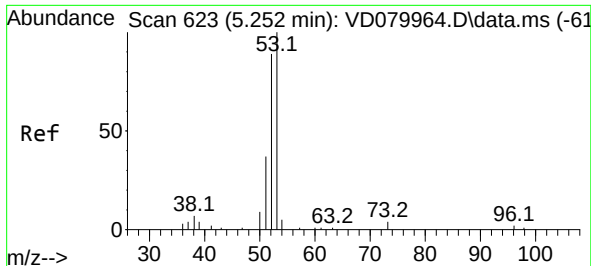
Ion Ratio Lower Upper

41 100

39 65.6 53.3 79.9

76 44.6 32.0 48.0

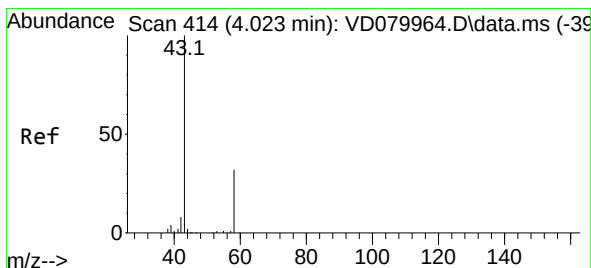
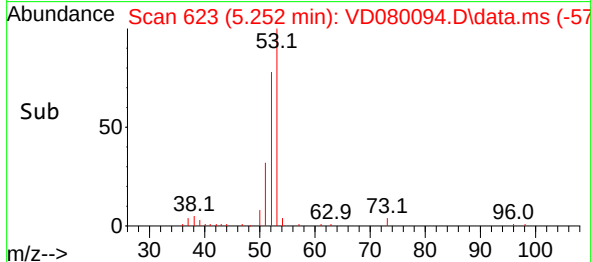
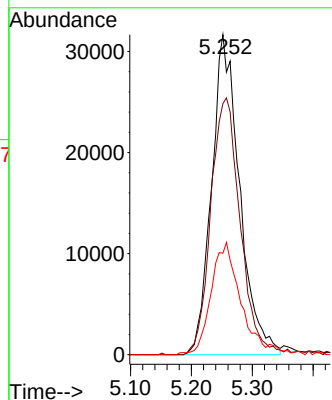
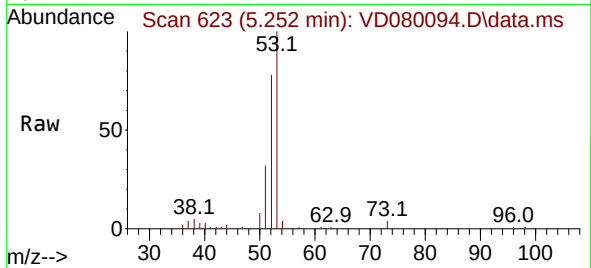




#15
Acrylonitrile
Concen: 285.601 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

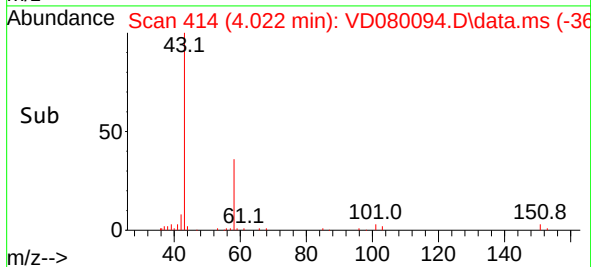
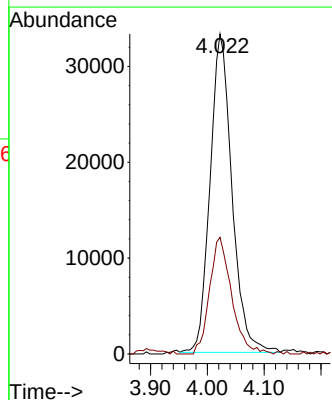
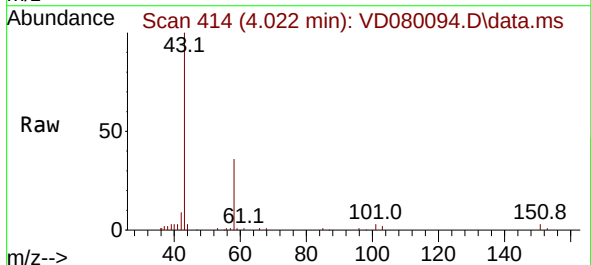
Instrument :
MSVOA_D
ClientSampleId :

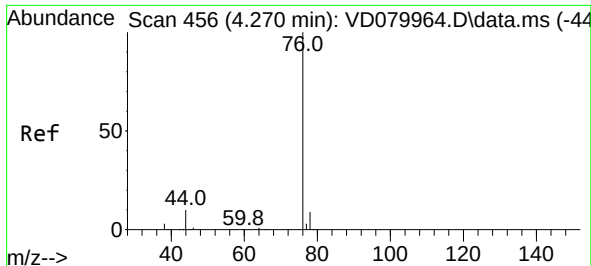
Tgt Ion: 53 Resp: 101076
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.4
51 36.0 30.3 45.5



#16
Acetone
Concen: 241.558 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 43 Resp: 88982
Ion Ratio Lower Upper
43 100
58 36.6 25.4 38.2

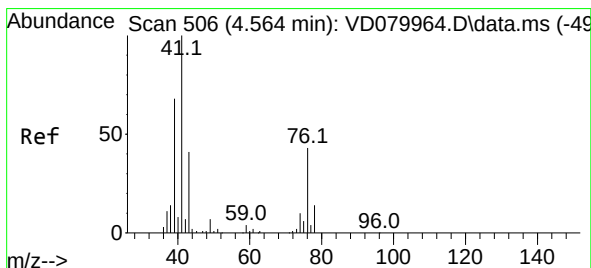
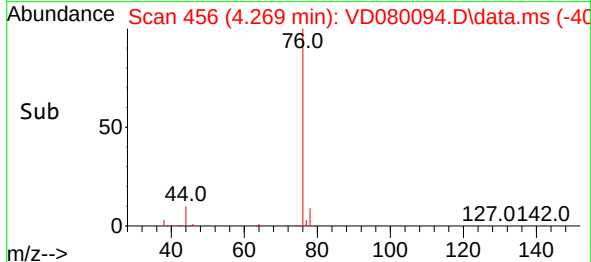
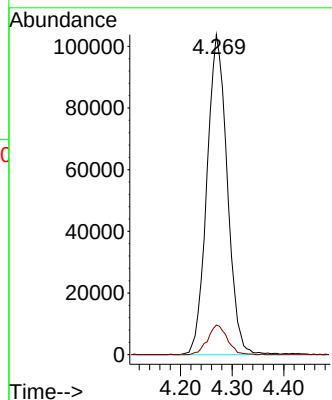
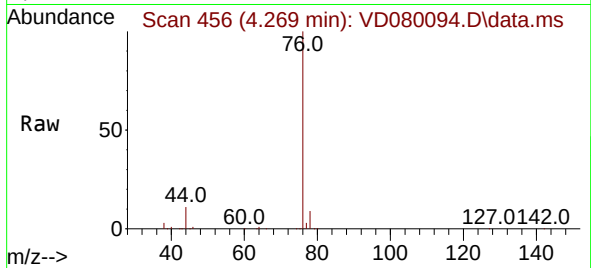




#17
Carbon Disulfide
Concen: 51.611 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.001 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

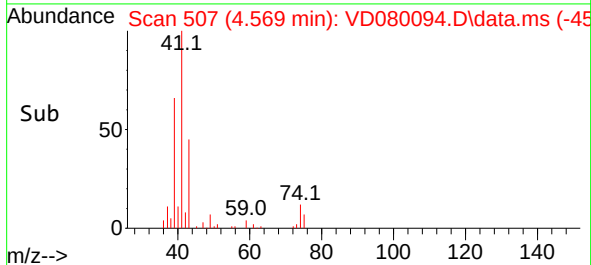
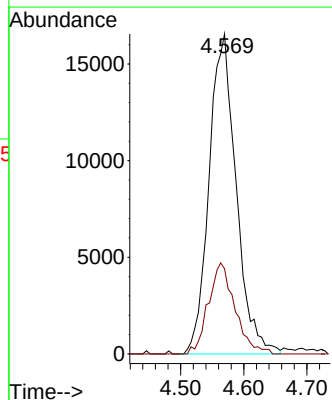
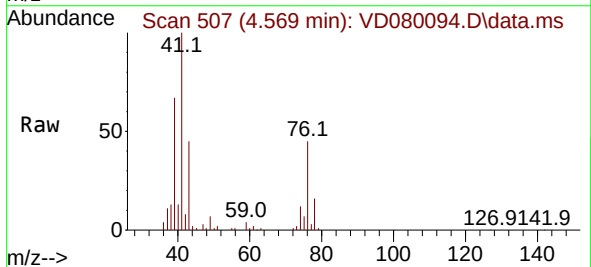
Instrument :
MSVOA_D
ClientSampleId :

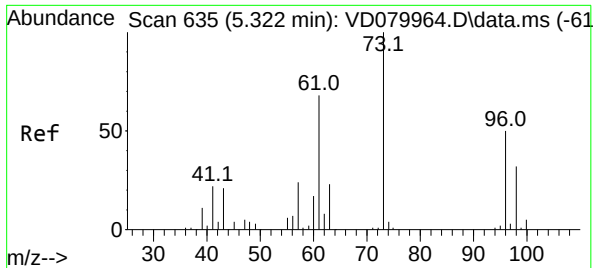
Tgt Ion: 76 Resp: 283959
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 60.330 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

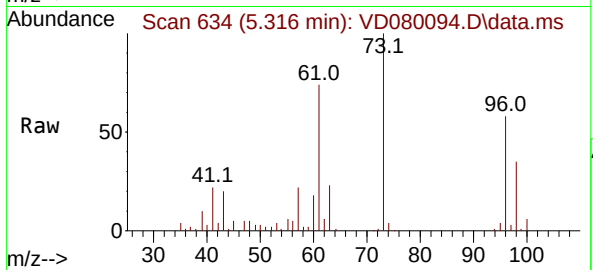
Tgt Ion: 43 Resp: 49288
Ion Ratio Lower Upper
43 100
74 27.9 20.5 30.7



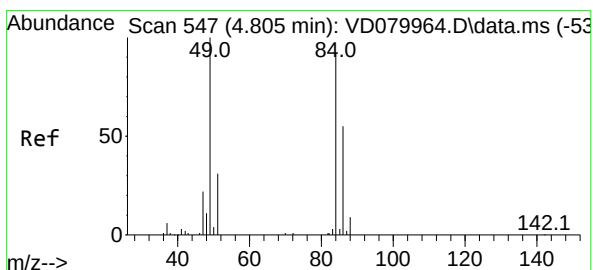
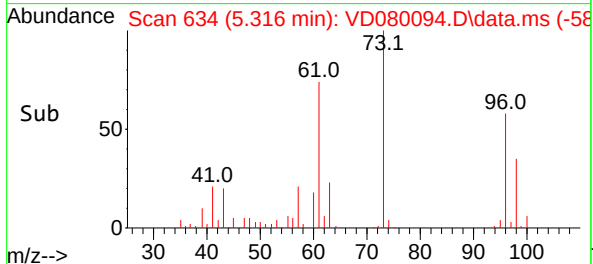
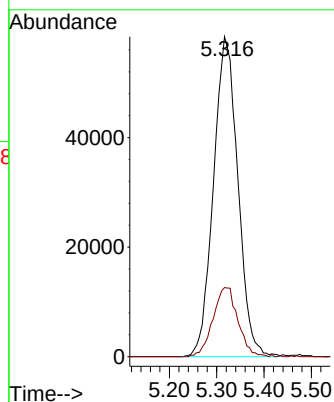


#19
Methyl tert-butyl Ether
Concen: 59.992 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Instrument :
MSVOA_D
ClientSampleId :

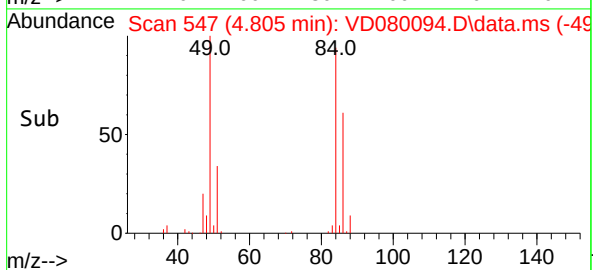
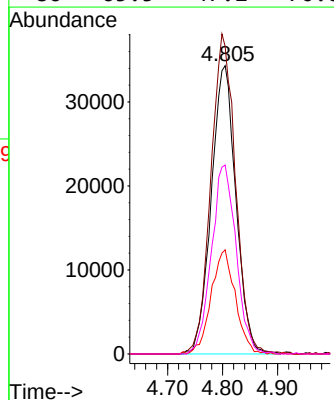
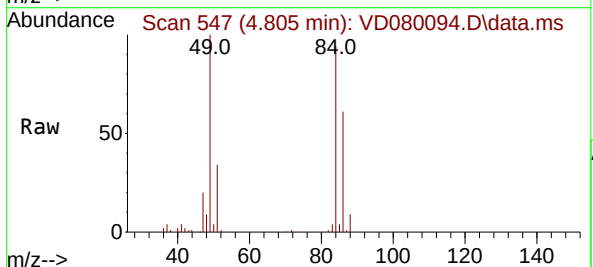


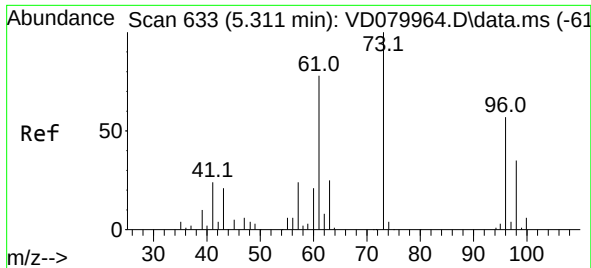
Tgt Ion: 73 Resp: 209120
Ion Ratio Lower Upper
73 100
57 21.6 18.8 28.2



#20
Methylene Chloride
Concen: 54.125 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

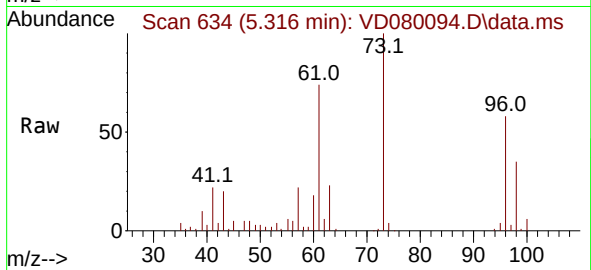
Tgt Ion: 84 Resp: 106926
Ion Ratio Lower Upper
84 100
49 106.7 86.5 129.7
51 36.1 26.9 40.3
86 65.5 47.2 70.8



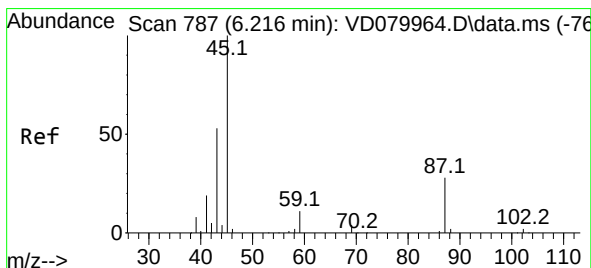
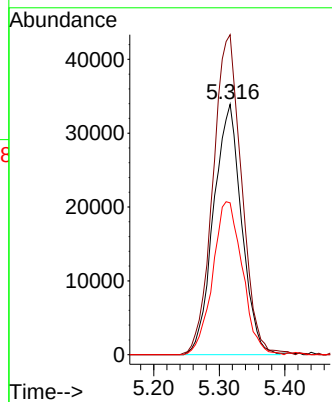
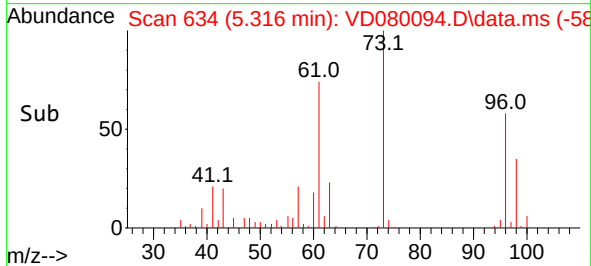


#21
trans-1,2-Dichloroethene
Concen: 53.365 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.005 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Instrument :
MSVOA_D
ClientSampleId :

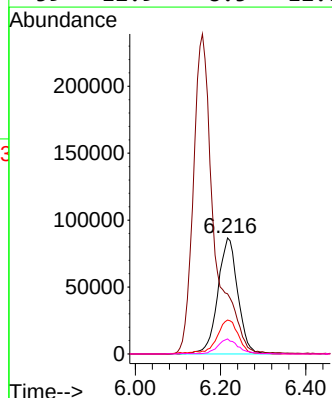
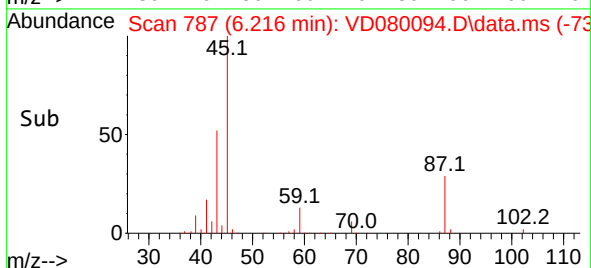
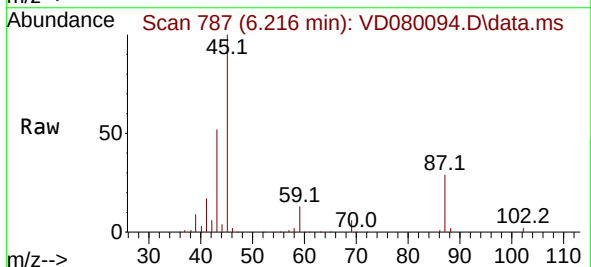


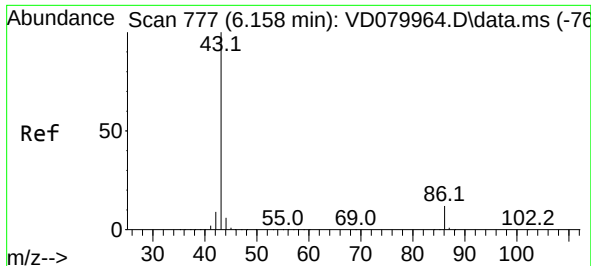
Tgt Ion: 96 Resp: 100801
Ion Ratio Lower Upper
96 100
61 127.8 109.4 164.0
98 60.6 49.8 74.8



#22
Diisopropyl ether
Concen: 57.428 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 45 Resp: 281656
Ion Ratio Lower Upper
45 100
43 50.8 42.6 63.8
87 29.2 22.7 34.1
59 12.9 8.5 12.7#

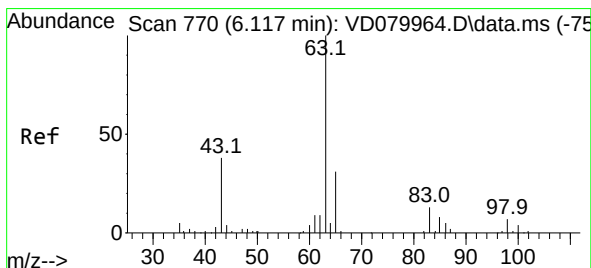
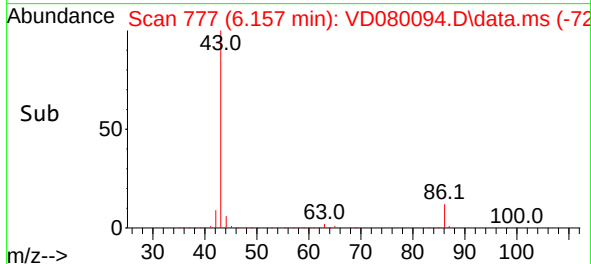
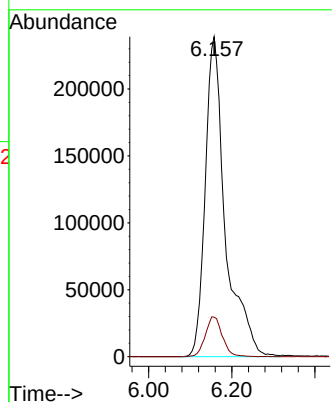
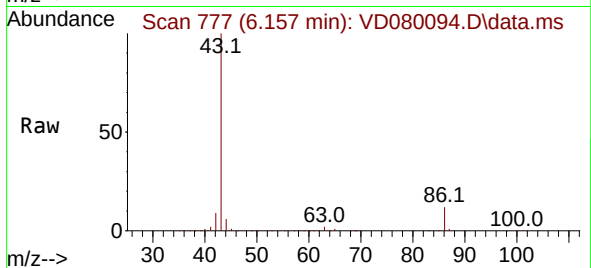




#23
 Vinyl Acetate
 Concen: 286.258 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: VD080094.D
 Acq: 19 Nov 2024 20:07

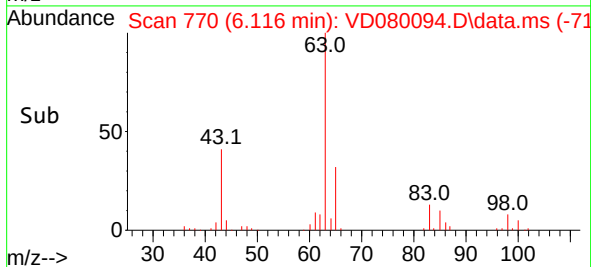
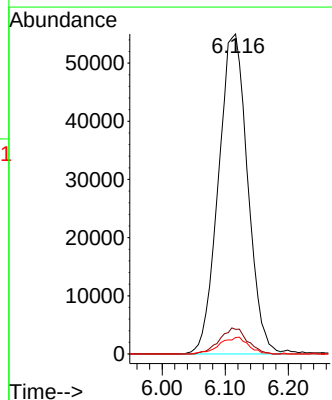
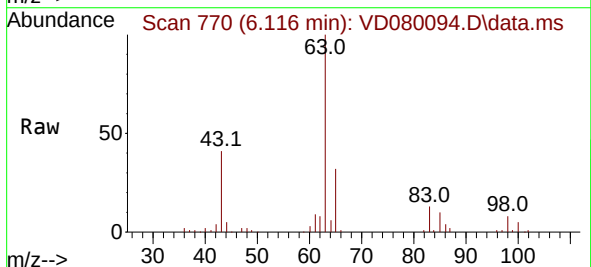
Instrument :
 MSVOA_D
 ClientSampleId :

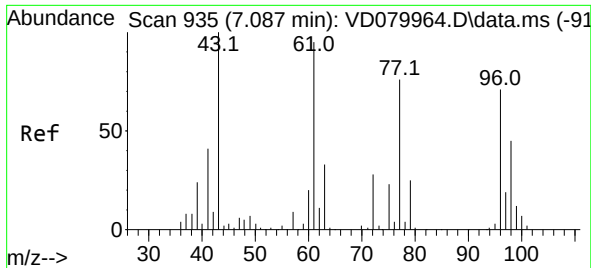
Tgt Ion: 43 Resp: 804373
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 54.164 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: VD080094.D
 Acq: 19 Nov 2024 20:07

Tgt Ion: 63 Resp: 176683
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 5.1 2.1 6.5

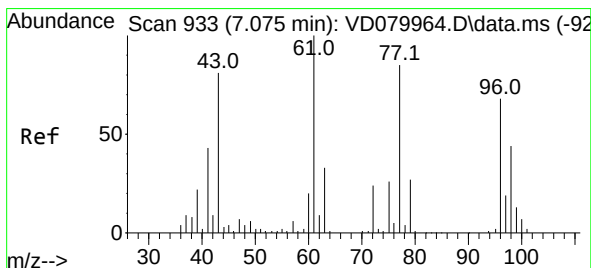
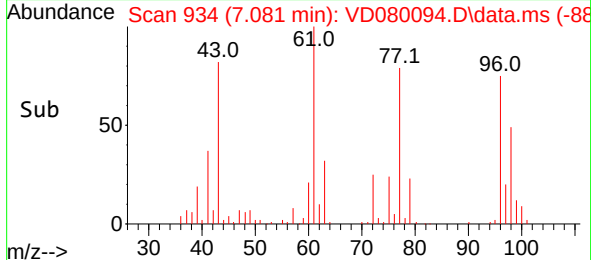
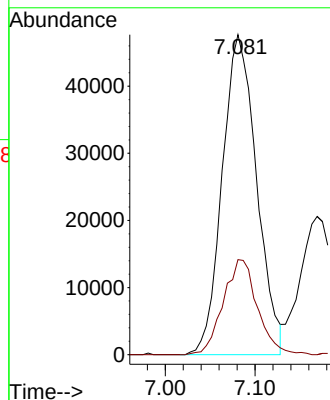
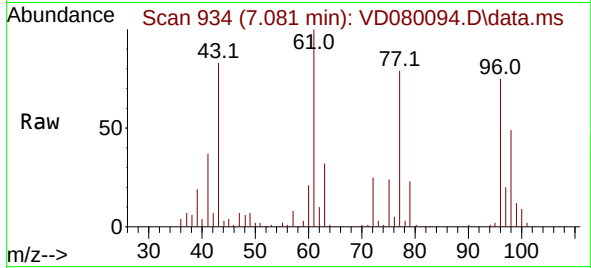




#25
2-Butanone
Concen: 263.498 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

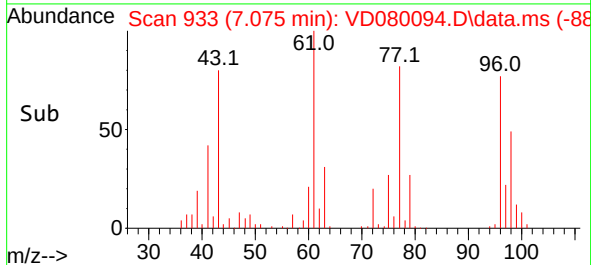
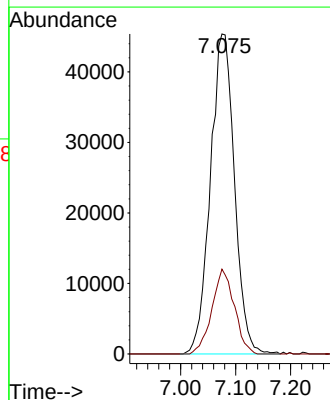
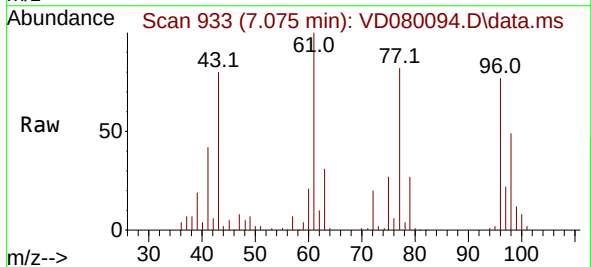
Instrument :
MSVOA_D
ClientSampleId :

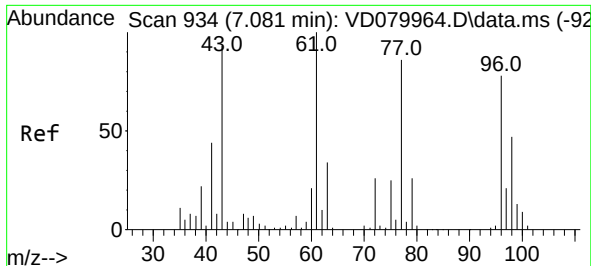
Tgt Ion: 43 Resp: 126841
Ion Ratio Lower Upper
43 100
72 29.7 22.3 33.5



#26
2,2-Dichloropropane
Concen: 48.732 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 77 Resp: 138179
Ion Ratio Lower Upper
77 100
97 24.6 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 54.876 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

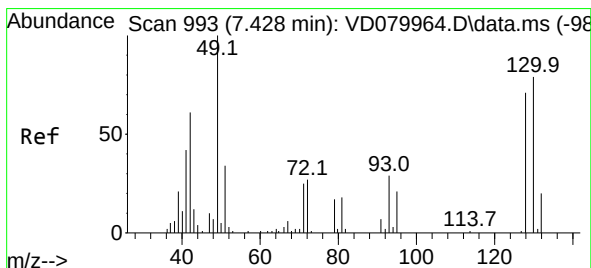
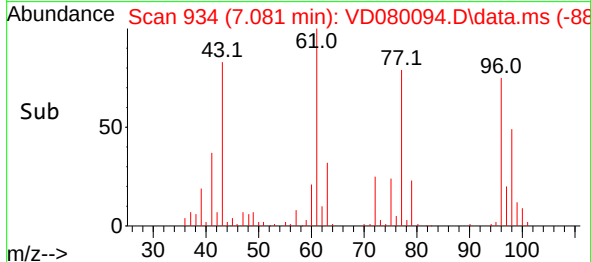
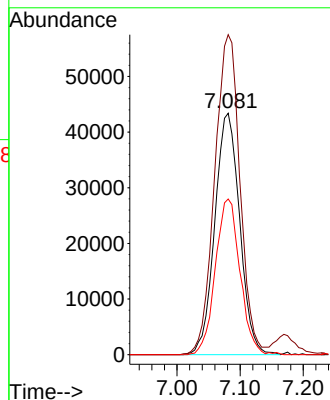
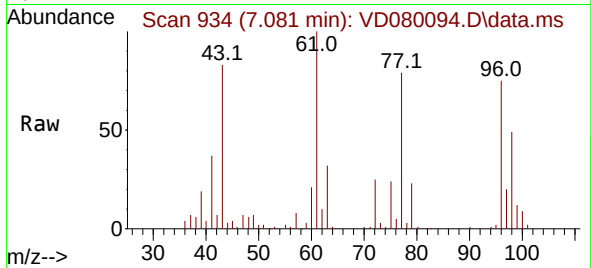
Tgt Ion: 96 Resp: 118953

Ion Ratio Lower Upper

96 100

61 134.7 0.0 278.2

98 63.8 0.0 127.8



#28

Bromochloromethane

Concen: 55.503 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

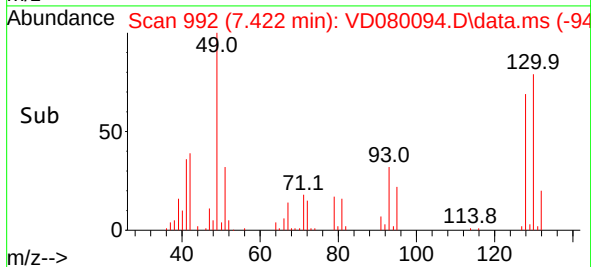
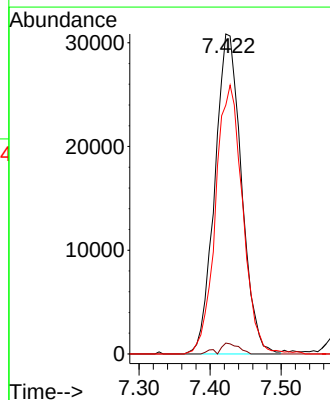
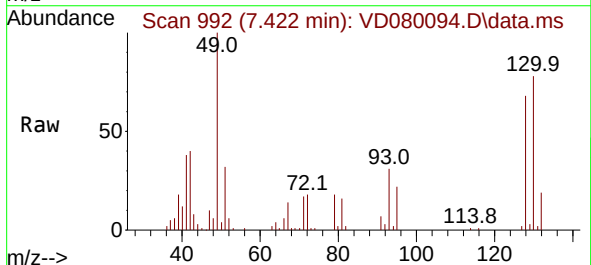
Tgt Ion: 49 Resp: 80571

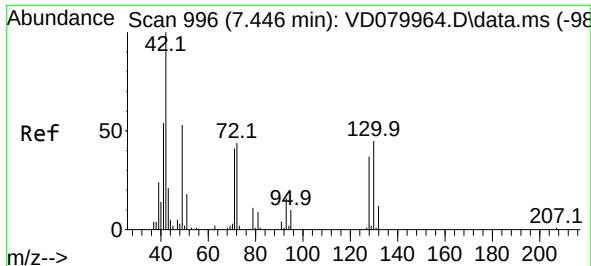
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

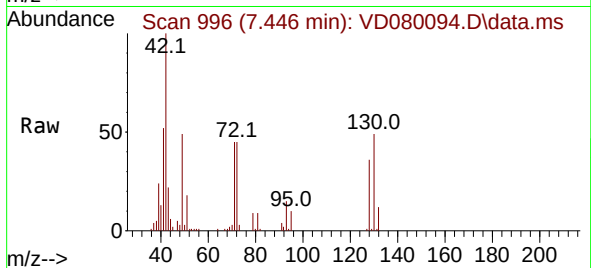
130 85.5 64.6 97.0



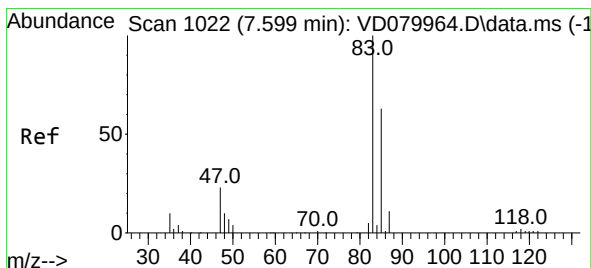
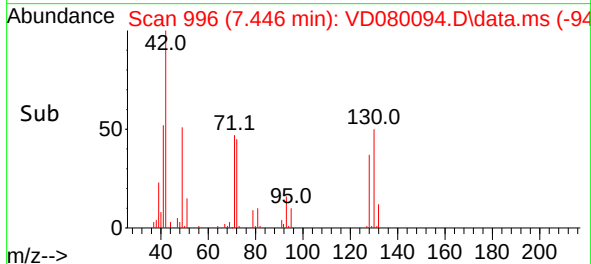
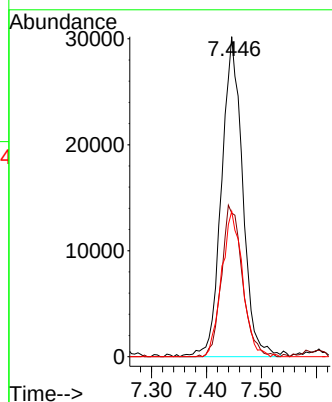


#29
Tetrahydrofuran
Concen: 304.807 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Instrument :
MSVOA_D
ClientSampleId :

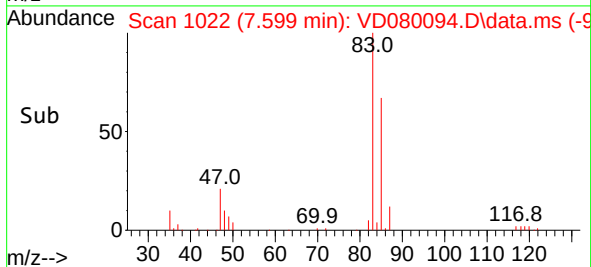
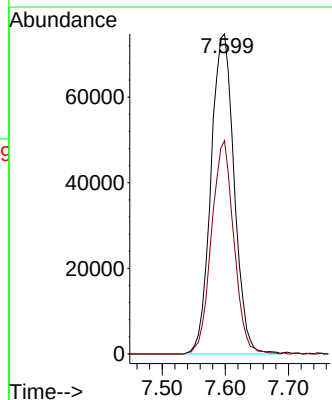
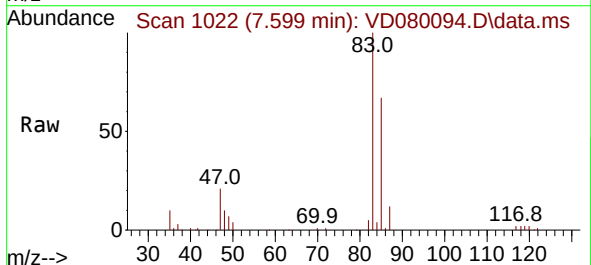


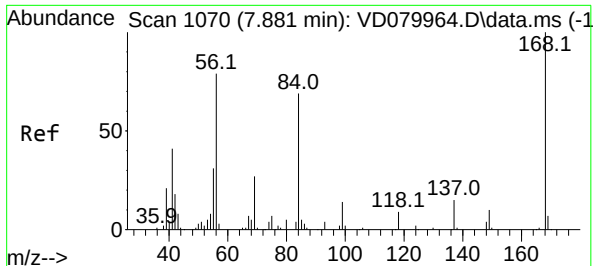
Tgt Ion: 42 Resp: 80372
Ion Ratio Lower Upper
42 100
72 46.9 36.7 55.1
71 45.0 34.4 51.6



#30
Chloroform
Concen: 55.580 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 83 Resp: 191005
Ion Ratio Lower Upper
83 100
85 66.7 50.8 76.2





#31

Cyclohexane

Concen: 45.900 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

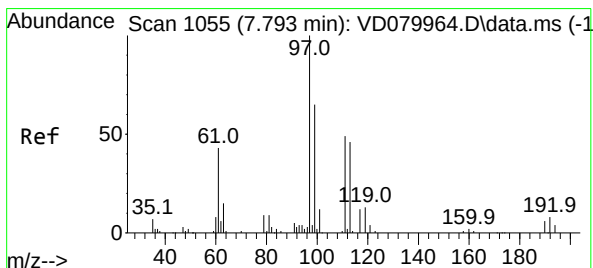
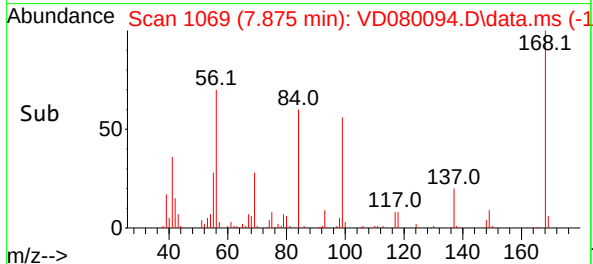
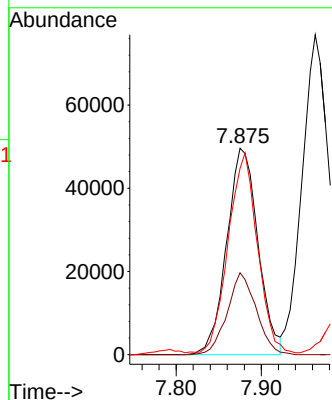
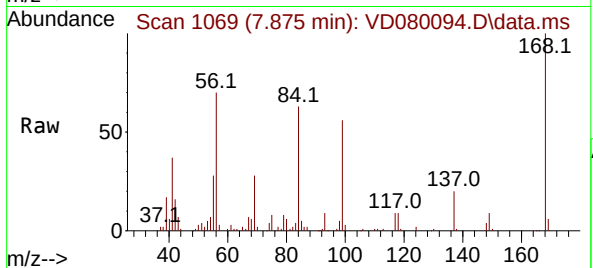
Tgt Ion: 56 Resp: 126897

Ion Ratio Lower Upper

56 100

69 39.7 27.3 40.9

84 88.5 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 53.067 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

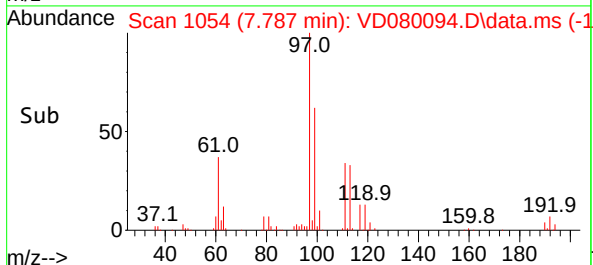
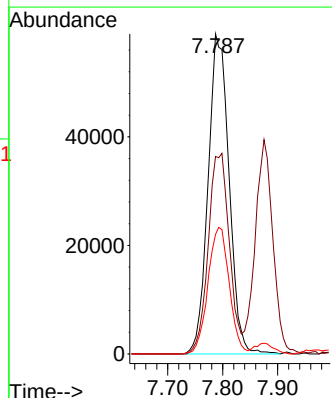
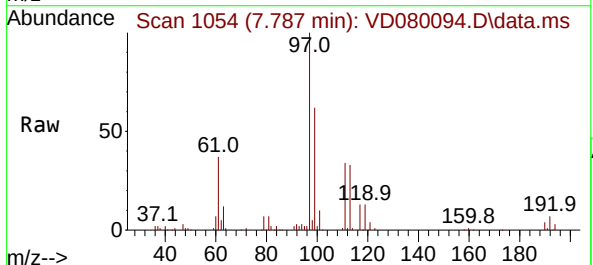
Tgt Ion: 97 Resp: 156069

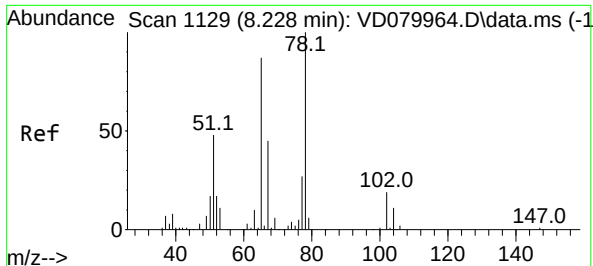
Ion Ratio Lower Upper

97 100

99 63.0 50.7 76.1

61 40.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 56.136 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

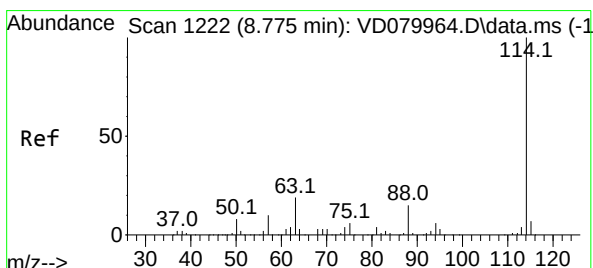
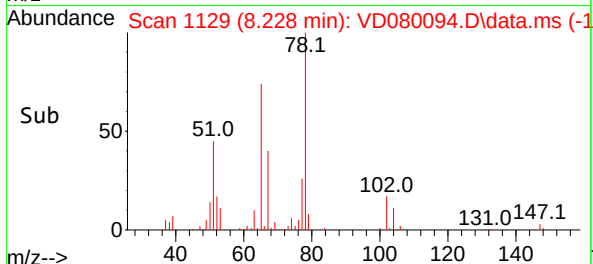
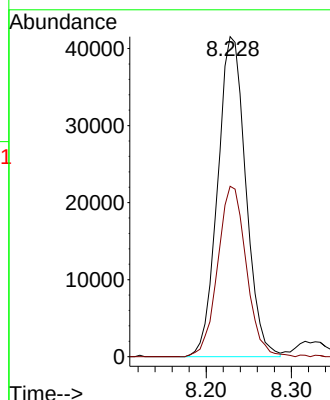
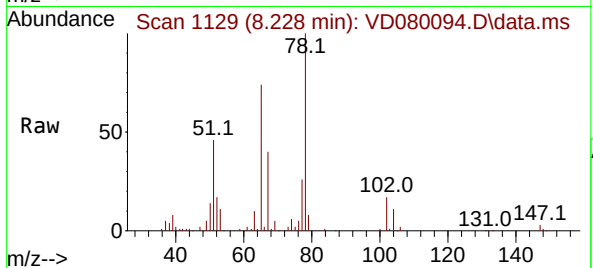
ClientSampleId :

Tgt Ion: 65 Resp: 95306

Ion Ratio Lower Upper

65 100

67 54.1 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: VD080094.D

Acq: 19 Nov 2024 20:07

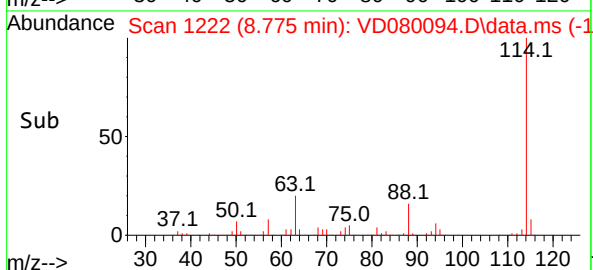
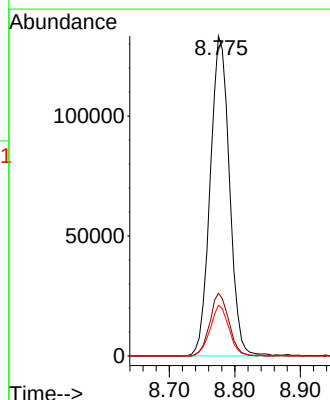
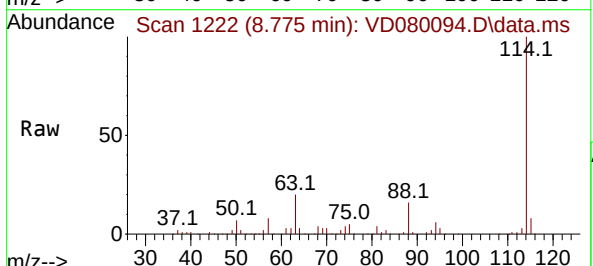
Tgt Ion: 114 Resp: 271611

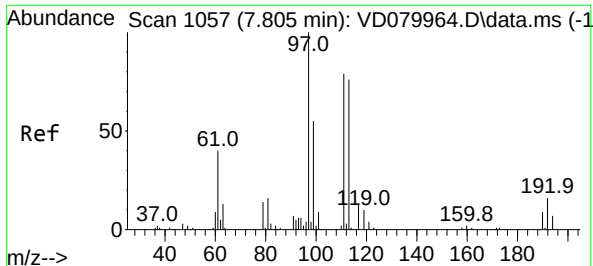
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.243 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

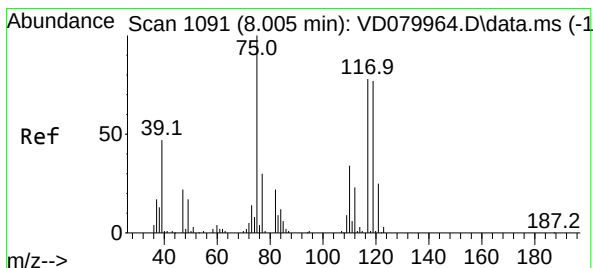
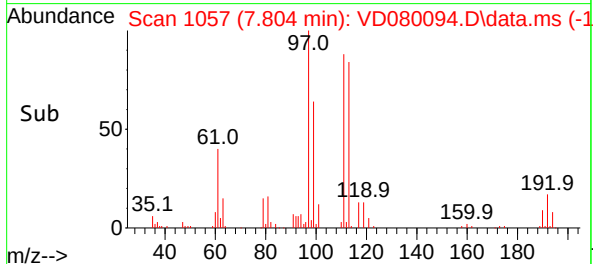
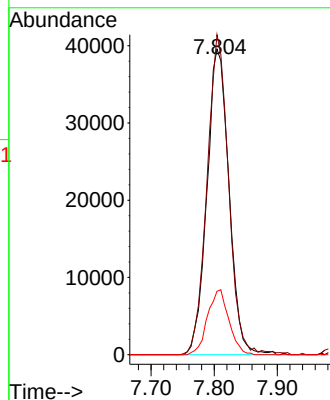
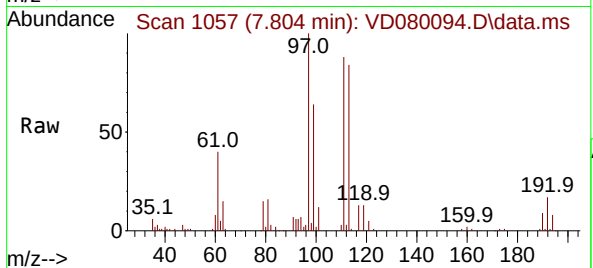
Tgt Ion:113 Resp: 96245

Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

192 20.5 16.6 25.0



#36

1,1-Dichloropropene

Concen: 50.972 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.005 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

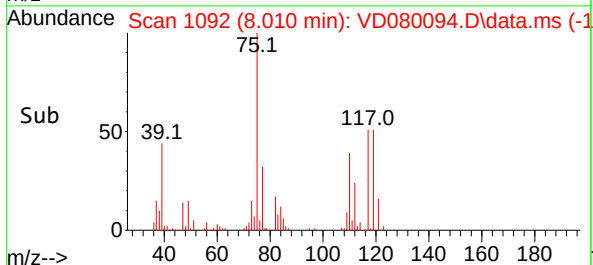
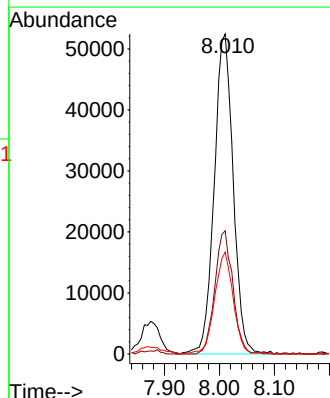
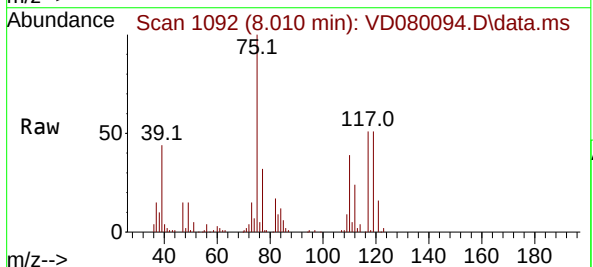
Tgt Ion: 75 Resp: 125992

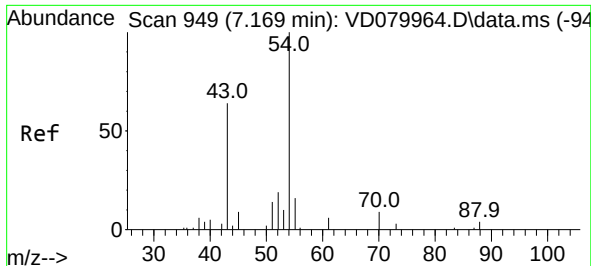
Ion Ratio Lower Upper

75 100

110 36.4 18.4 55.0

77 31.0 25.6 38.4





#37

Ethyl Acetate

Concen: 55.176 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD080094.D

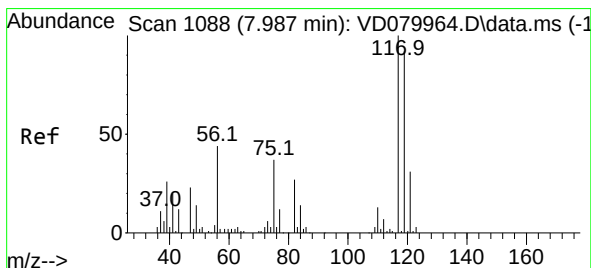
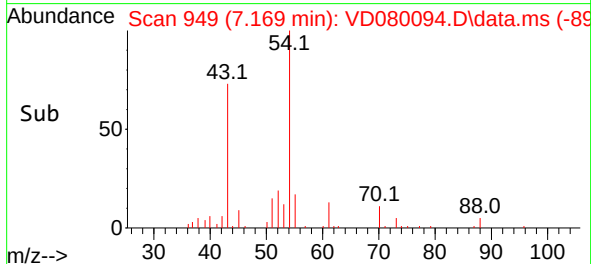
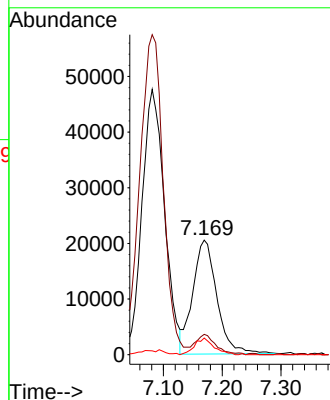
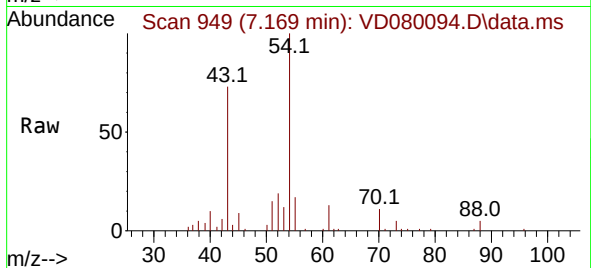
Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	58621
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.0	16.4
70	11.5	9.4	14.2



#38

Carbon Tetrachloride

Concen: 49.096 ug/l

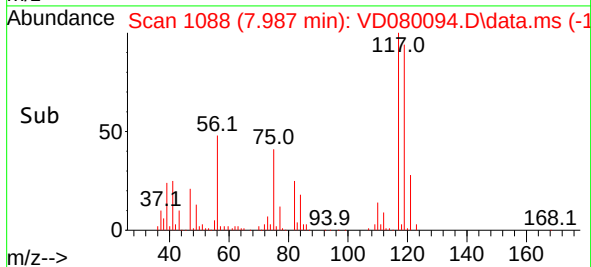
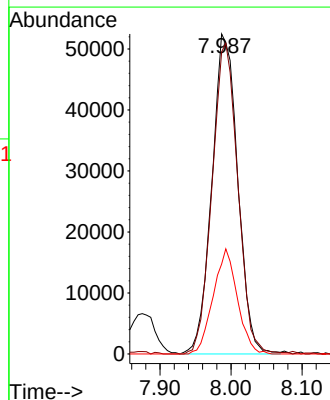
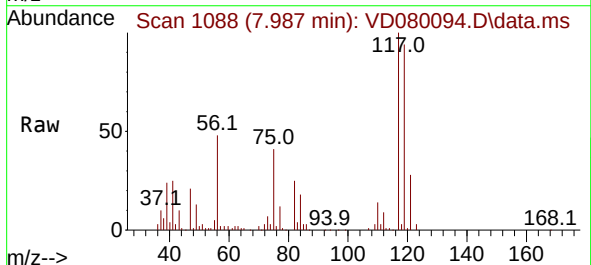
RT: 7.987 min Scan# 1088

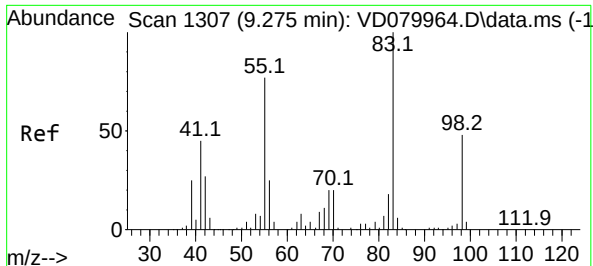
Delta R.T. -0.000 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Tgt Ion:	117	Resp:	132588
Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.4	110.0
121	28.1	24.5	36.7





#39

Methylcyclohexane

Concen: 48.113 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

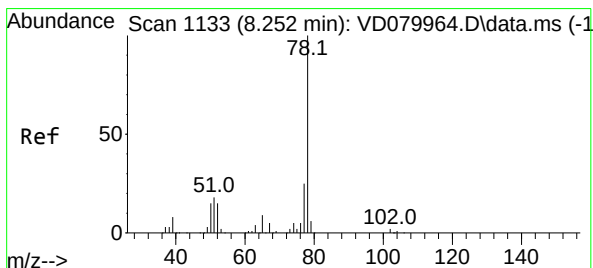
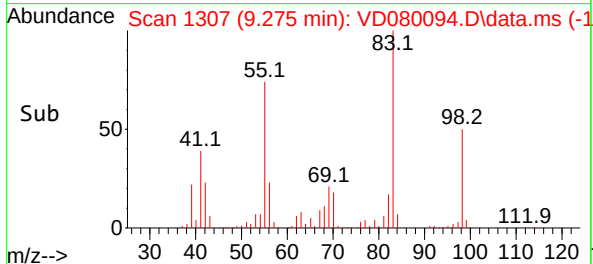
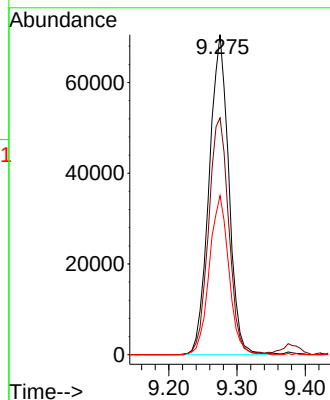
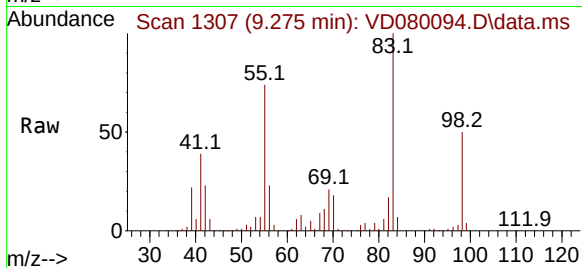
Tgt Ion: 83 Resp: 141590

Ion Ratio Lower Upper

83 100

55 74.0 62.0 93.0

98 49.7 38.7 58.1



#40

Benzene

Concen: 52.858 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD080094.D

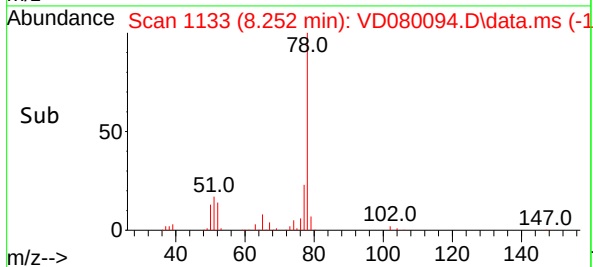
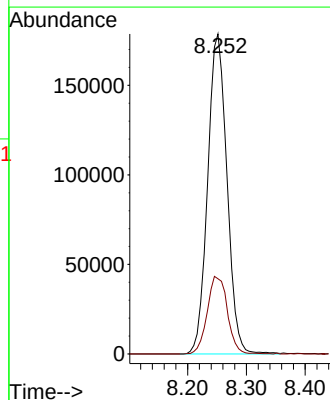
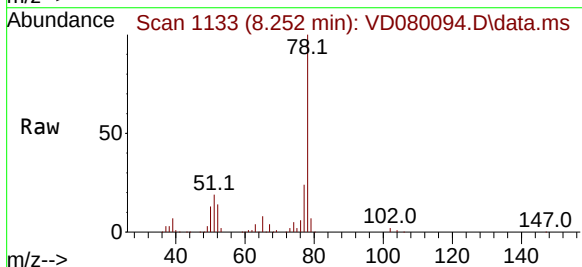
Acq: 19 Nov 2024 20:07

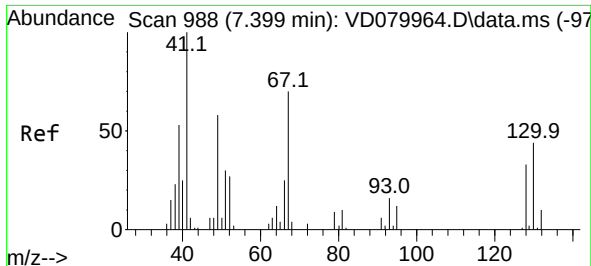
Tgt Ion: 78 Resp: 407252

Ion Ratio Lower Upper

78 100

77 23.5 20.2 30.4

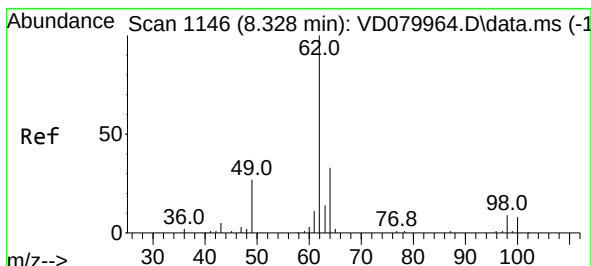
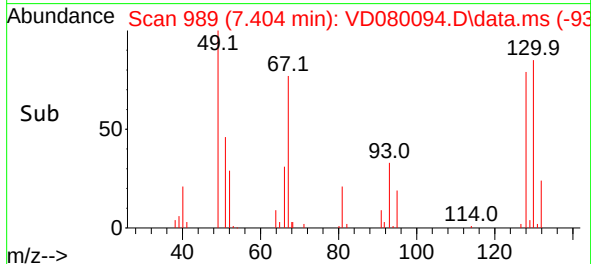
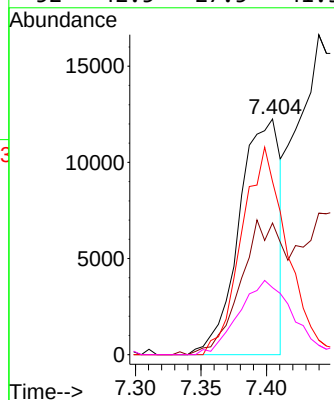
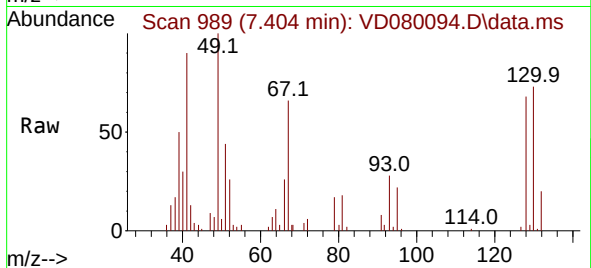




#41
Methacrylonitrile
Concen: 46.407 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

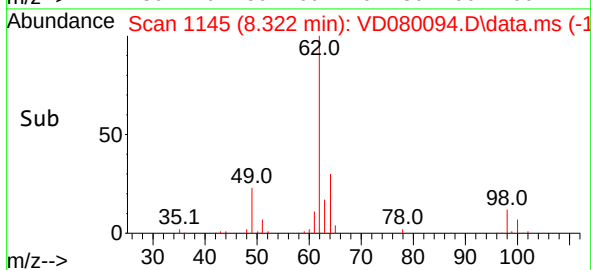
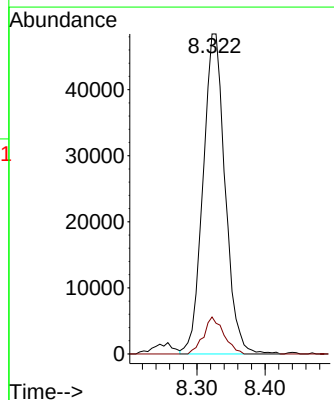
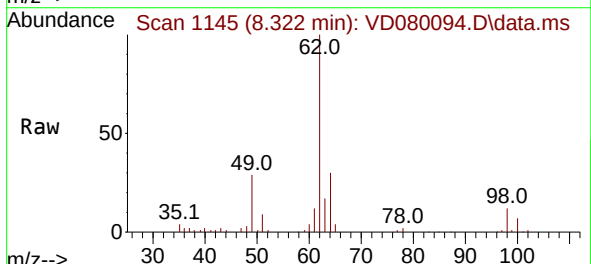
Instrument :
MSVOA_D
ClientSampleId :

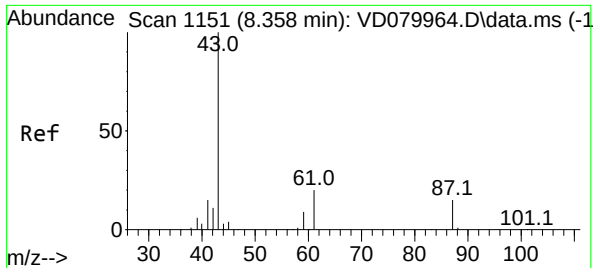
Tgt Ion: 41 Resp: 26608
Ion Ratio Lower Upper
41 100
39 60.9 47.8 71.8
67 99.1 64.9 97.3#
52 42.5 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 54.845 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 62 Resp: 109356
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.8

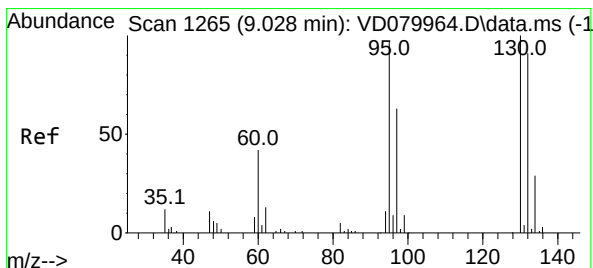
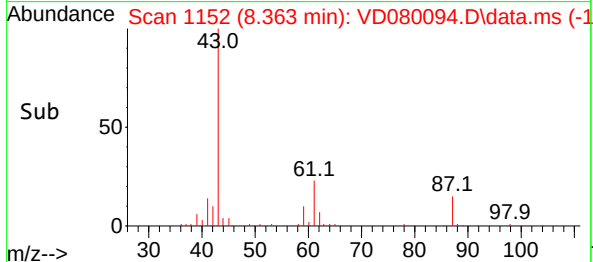
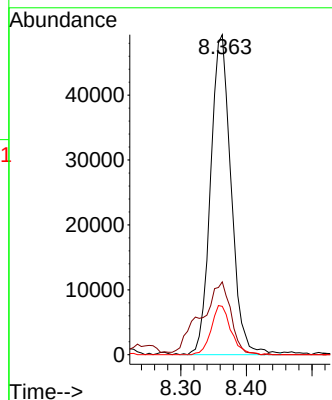
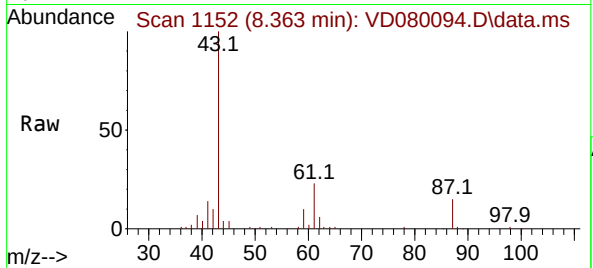




#43
Isopropyl Acetate
Concen: 55.511 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.005 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

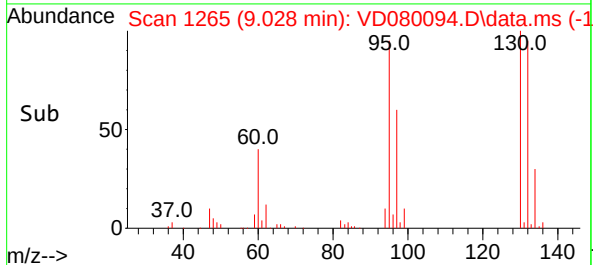
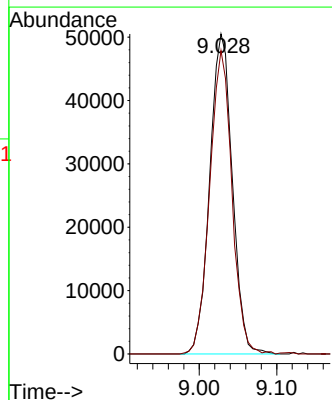
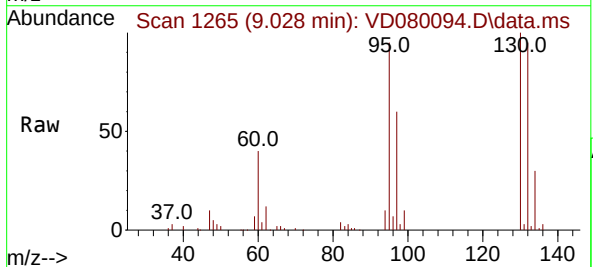
Instrument :
MSVOA_D
ClientSampleId :

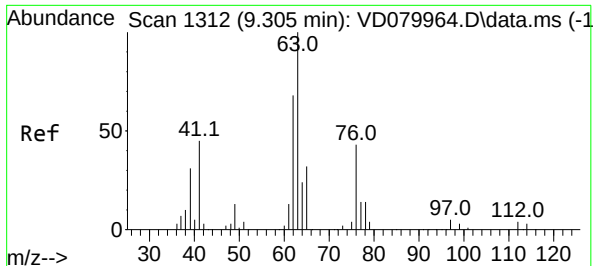
Tgt Ion: 43 Resp: 106910
Ion Ratio Lower Upper
43 100
61 33.4 26.2 39.2
87 14.9 11.8 17.8



#44
Trichloroethene
Concen: 51.300 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion:130 Resp: 102277
Ion Ratio Lower Upper
130 100
95 94.8 0.0 194.6





#45

1,2-Dichloropropane

Concen: 54.756 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

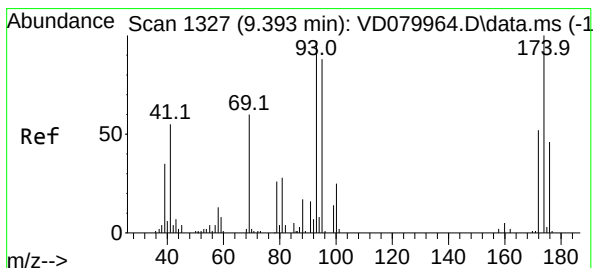
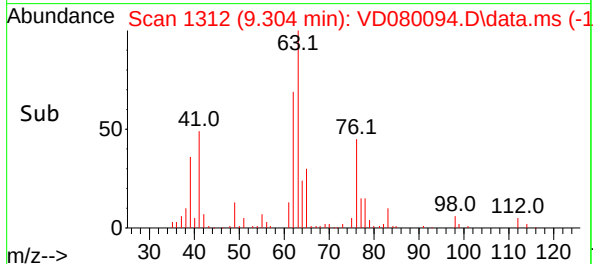
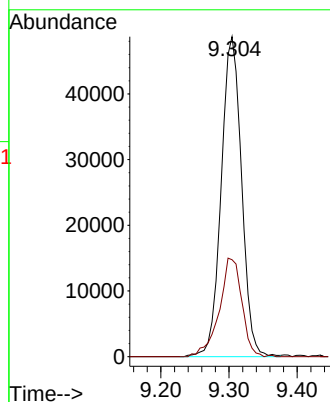
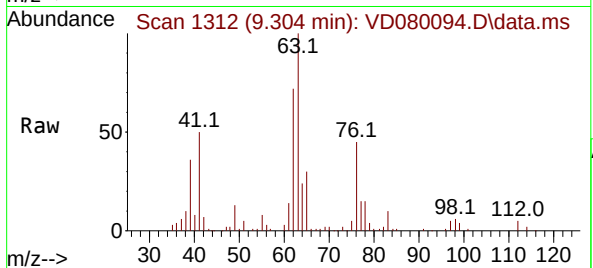
ClientSampleId :

Tgt Ion: 63 Resp: 101384

Ion Ratio Lower Upper

63 100

65 30.3 26.2 39.4



#46

Dibromomethane

Concen: 55.507 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

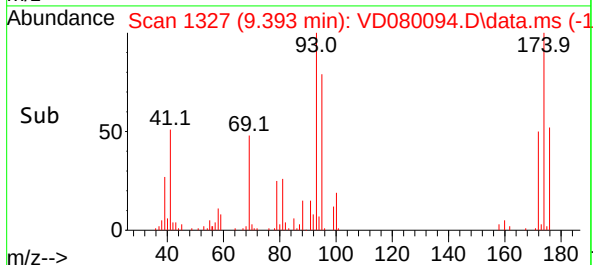
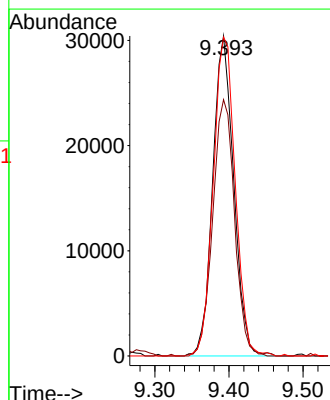
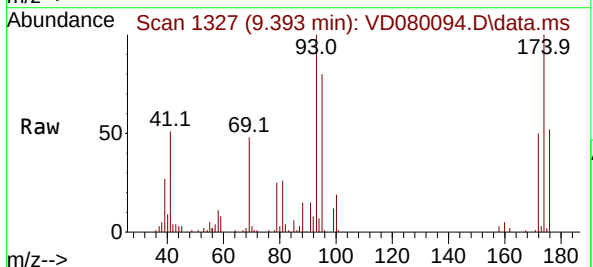
Tgt Ion: 93 Resp: 59778

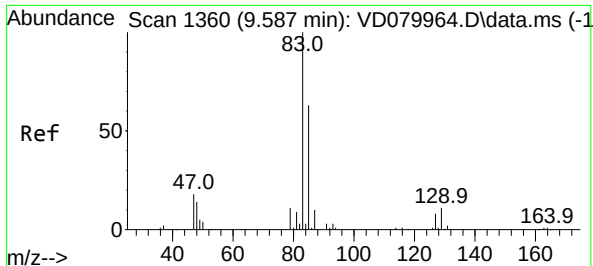
Ion Ratio Lower Upper

93 100

95 83.2 67.9 101.9

174 104.5 80.5 120.7





#47

Bromodichloromethane

Concen: 54.137 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

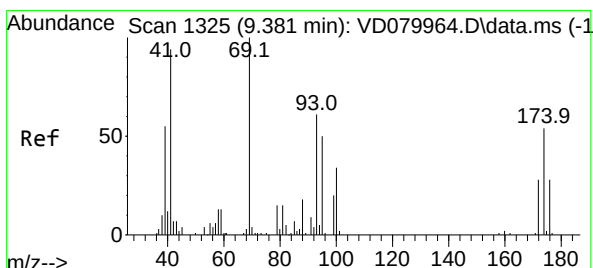
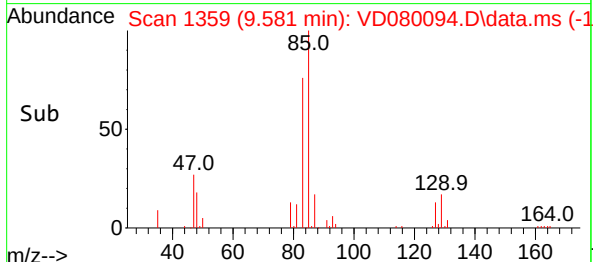
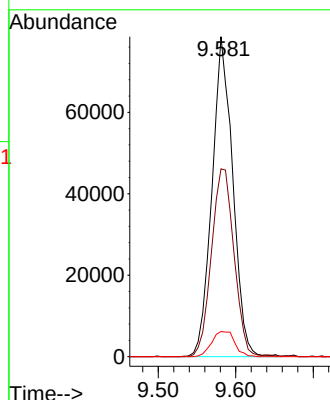
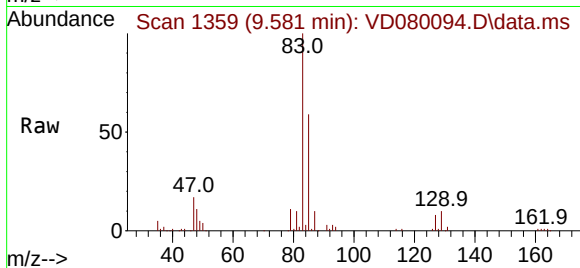
Tgt Ion: 83 Resp: 145933

Ion Ratio Lower Upper

83 100

85 58.7 50.6 75.8

127 7.8 6.1 9.1



#48

Methyl methacrylate

Concen: 57.938 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

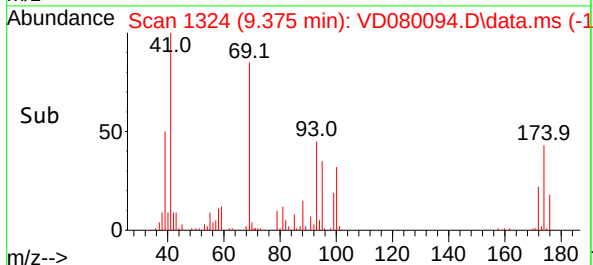
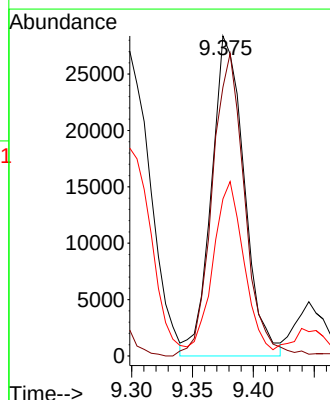
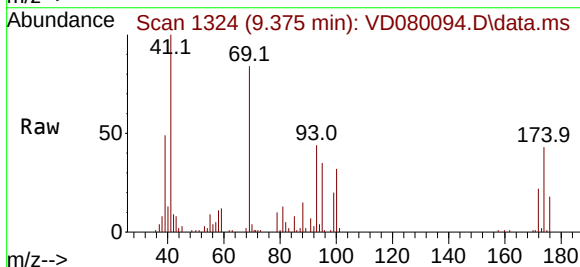
Tgt Ion: 41 Resp: 53270

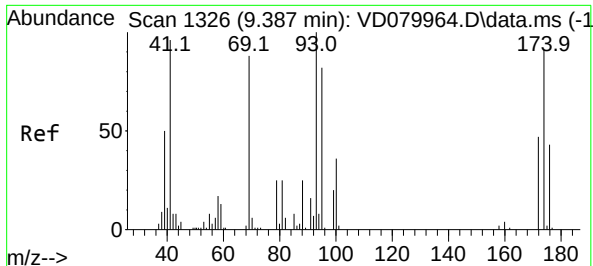
Ion Ratio Lower Upper

41 100

69 93.7 74.0 111.0

39 52.0 41.9 62.9





#49

1,4-Dioxane

Concen: 1318.518 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

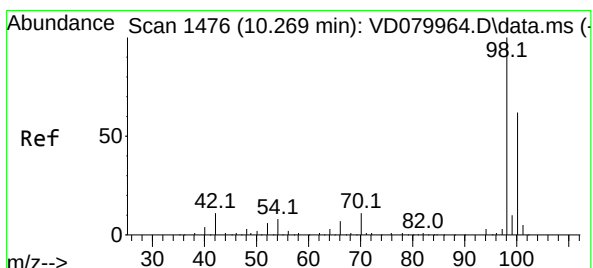
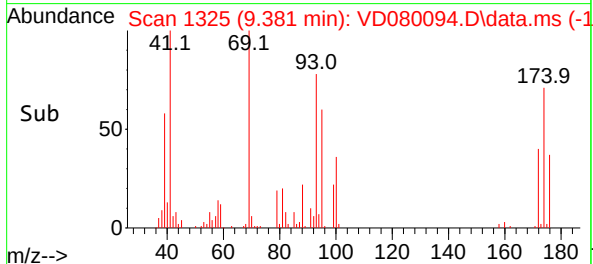
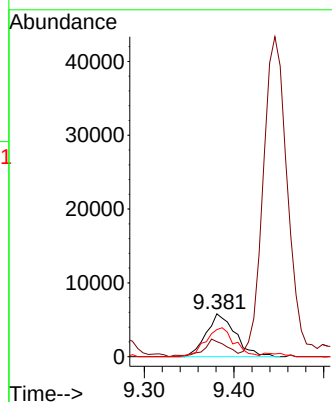
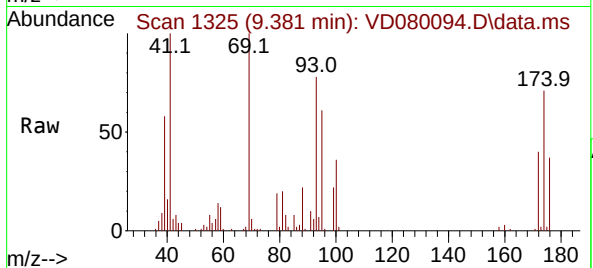
Tgt Ion: 88 Resp: 13026

Ion Ratio Lower Upper

88 100

43 33.0 29.1 43.7

58 66.4 59.9 89.9



#50

Toluene-d8

Concen: 53.971 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080094.D

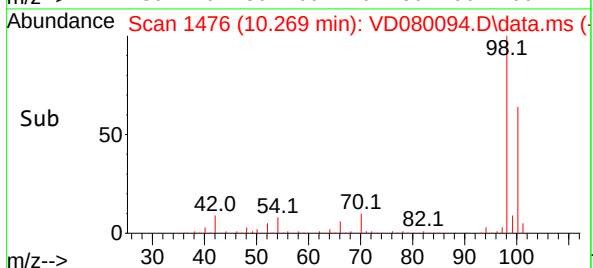
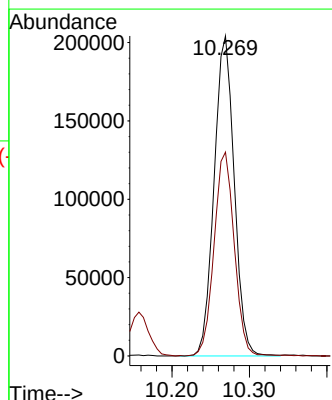
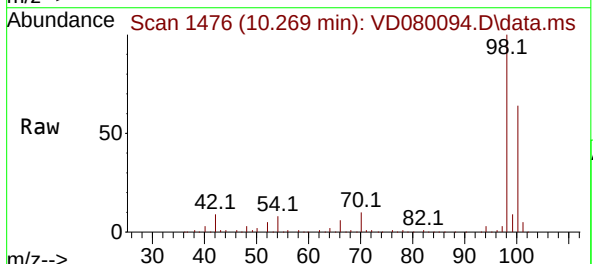
Acq: 19 Nov 2024 20:07

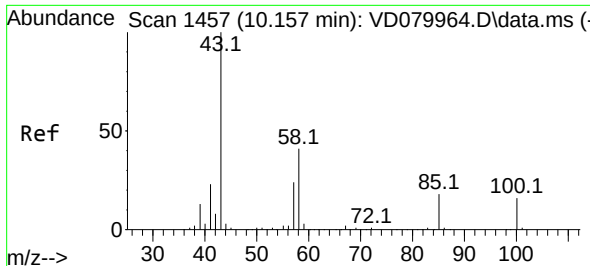
Tgt Ion: 98 Resp: 367710

Ion Ratio Lower Upper

98 100

100 64.1 50.2 75.4

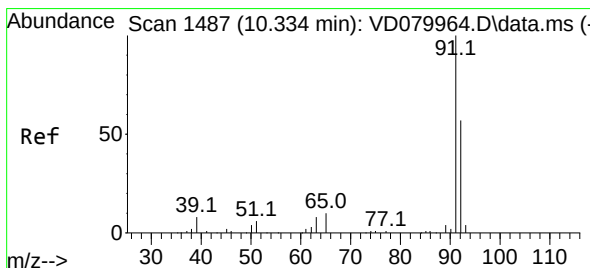
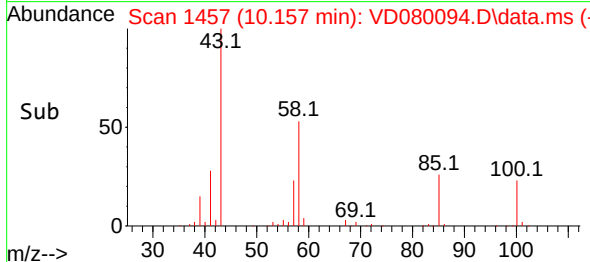
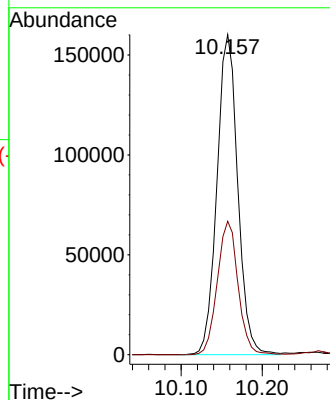
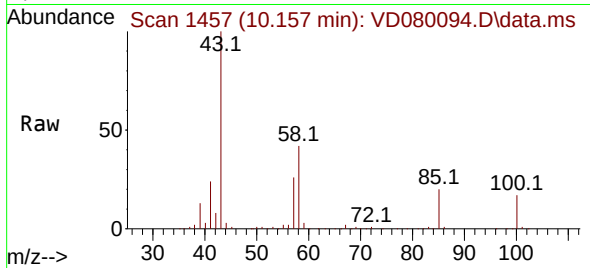




#51
4-Methyl-2-Pentanone
Concen: 292.248 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

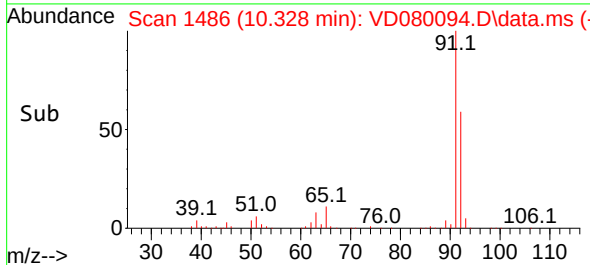
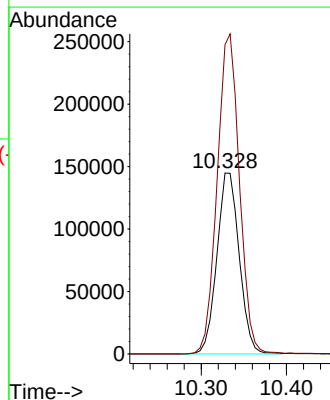
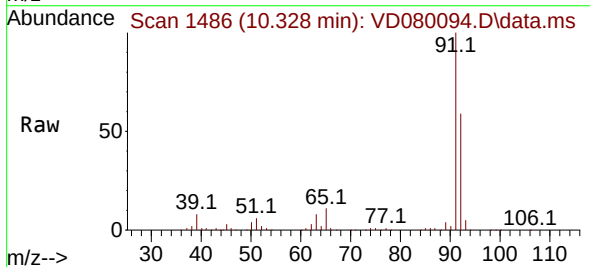
Instrument :
MSVOA_D
ClientSampleId :

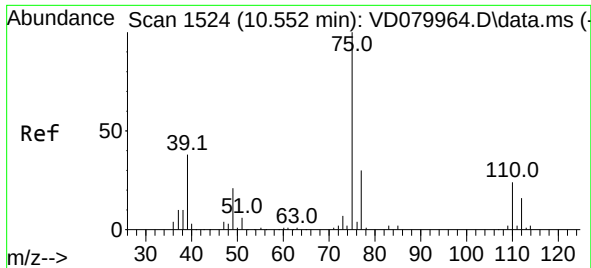
Tgt Ion: 43 Resp: 285562
Ion Ratio Lower Upper
43 100
58 41.6 32.8 49.2



#52
Toluene
Concen: 55.026 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 92 Resp: 263459
Ion Ratio Lower Upper
92 100
91 176.5 139.3 208.9

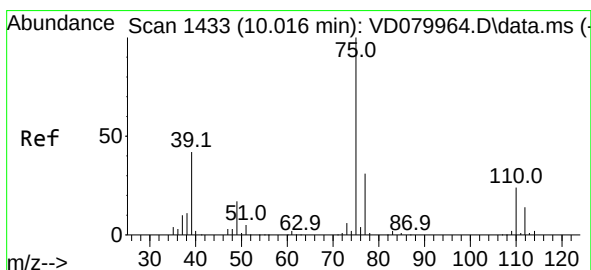
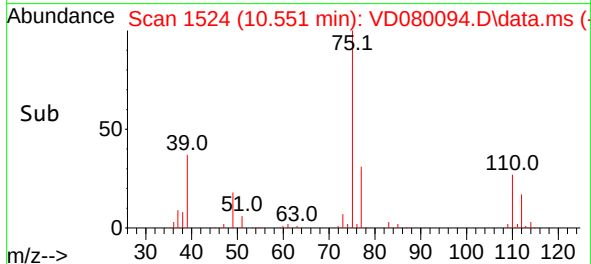
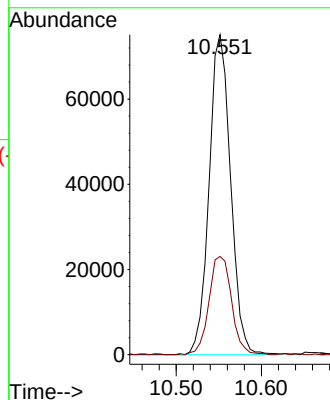
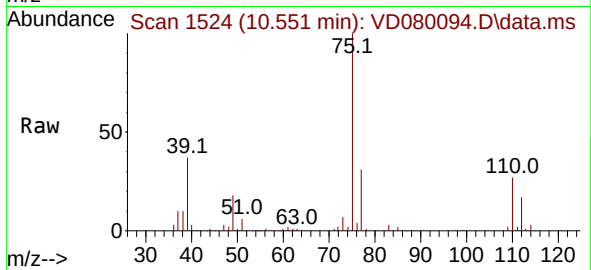




#53
 t-1,3-Dichloropropene
 Concen: 54.793 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VD080094.D
 Acq: 19 Nov 2024 20:07

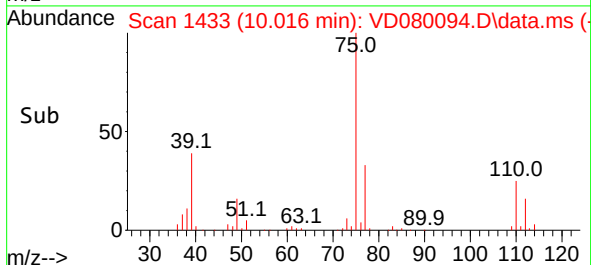
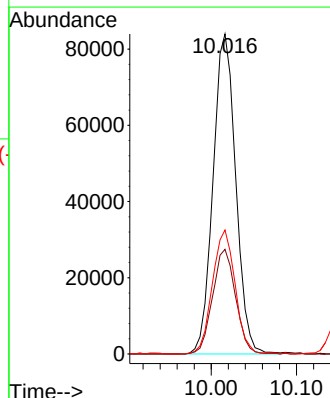
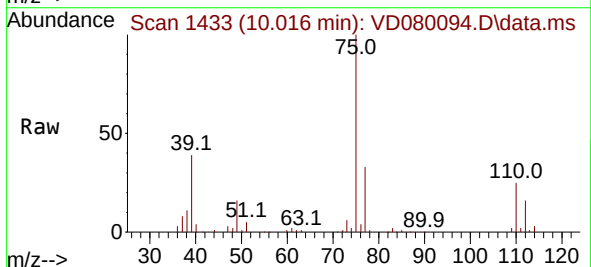
Instrument :
 MSVOA_D
 ClientSampleId :

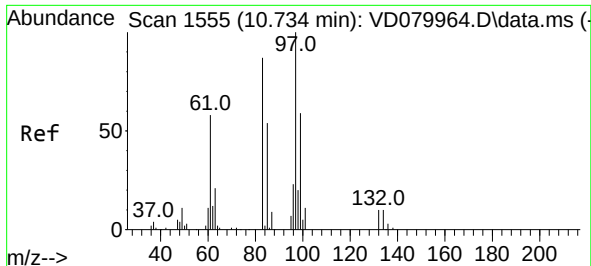
Tgt Ion: 75 Resp: 131665
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 54.546 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080094.D
 Acq: 19 Nov 2024 20:07

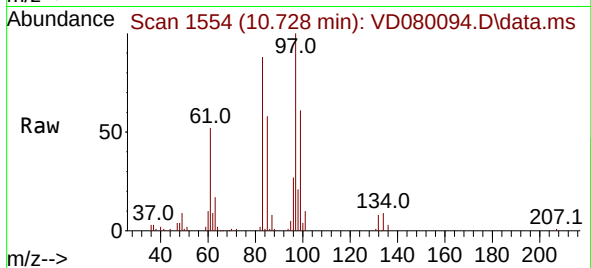
Tgt Ion: 75 Resp: 155176
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.4
 39 38.8 33.2 49.8



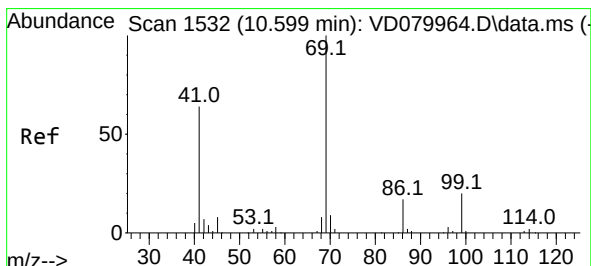
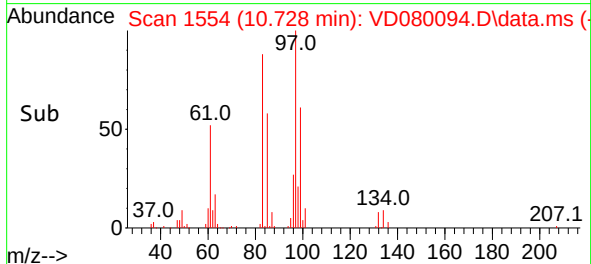
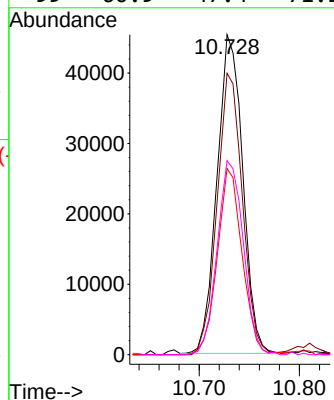


#55
1,1,2-Trichloroethane
Concen: 56.493 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Instrument :
MSVOA_D
ClientSampleId :

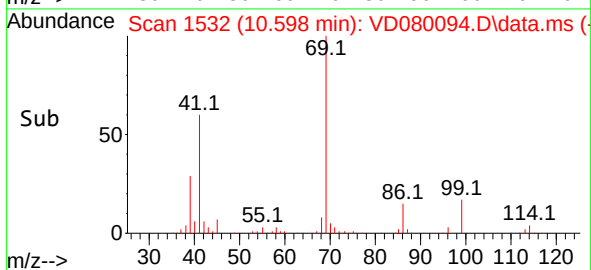
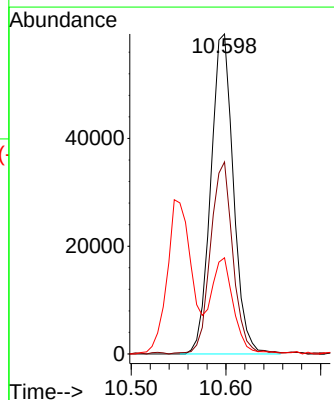
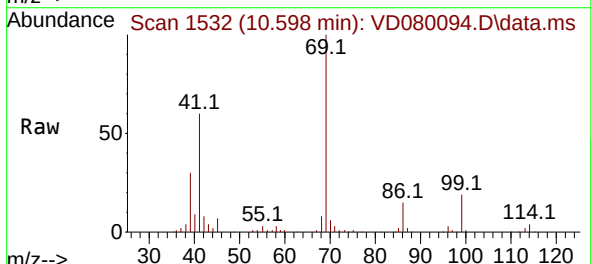


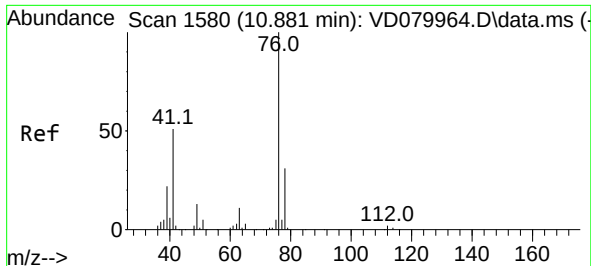
Tgt Ion:	97	Resp:	80490
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.2	103.8
85	58.4	43.0	64.6
99	60.9	47.4	71.2



#56
Ethyl methacrylate
Concen: 59.537 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion:	69	Resp:	98640
Ion	Ratio	Lower	Upper
69	100		
41	59.8	50.4	75.6
39	29.0	26.0	39.0





#57

1,3-Dichloropropane

Concen: 56.391 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

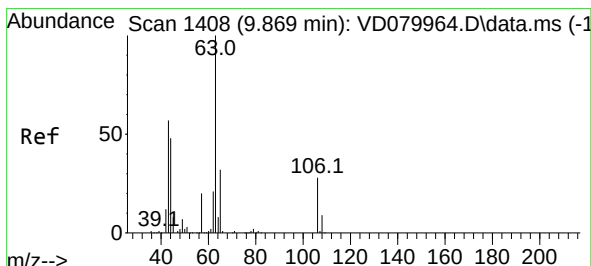
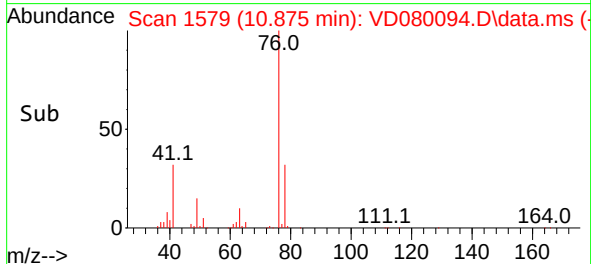
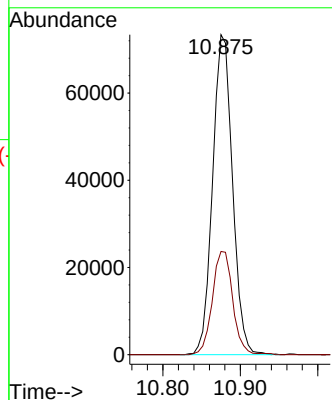
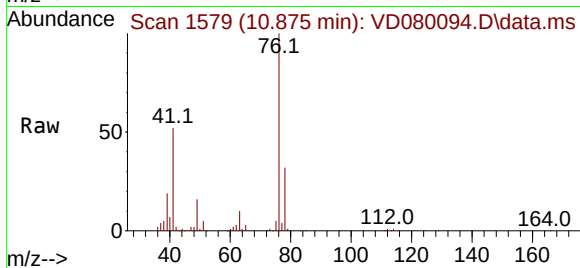
ClientSampleId :

Tgt Ion: 76 Resp: 130701

Ion Ratio Lower Upper

76 100

78 33.1 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 273.266 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080094.D

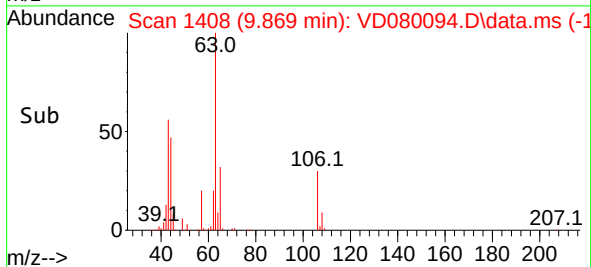
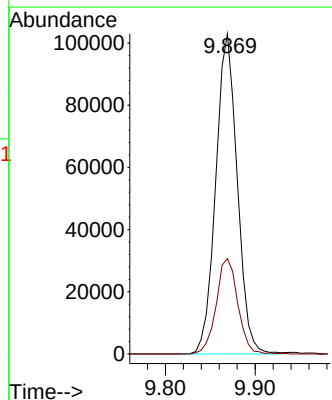
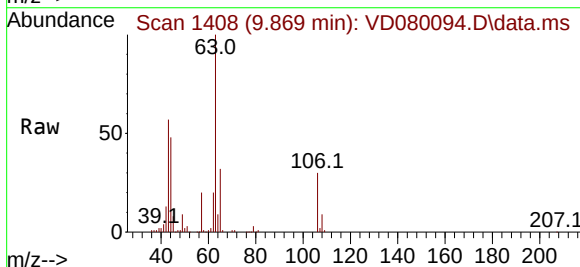
Acq: 19 Nov 2024 20:07

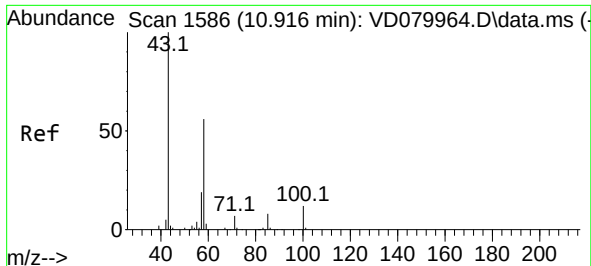
Tgt Ion: 63 Resp: 171234

Ion Ratio Lower Upper

63 100

106 29.9 21.8 32.6

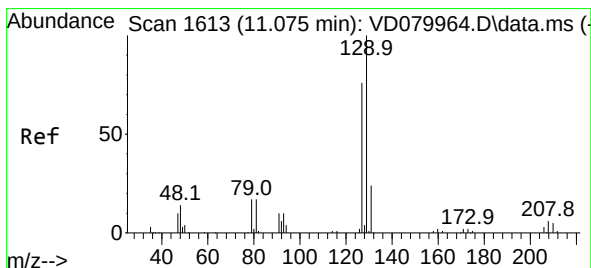
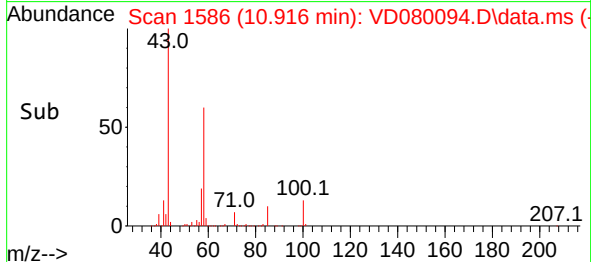
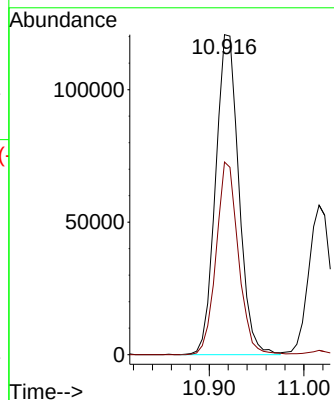
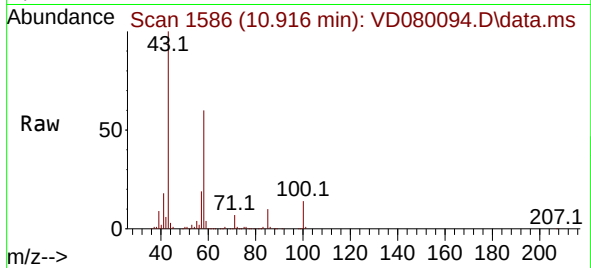




#59
2-Hexanone
Concen: 287.021 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

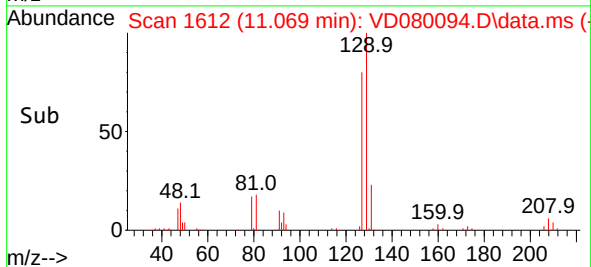
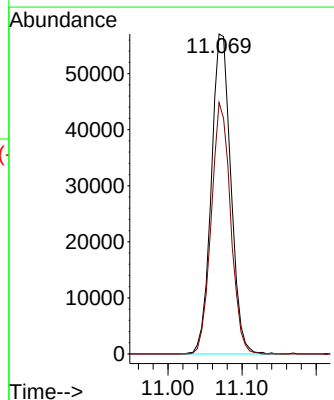
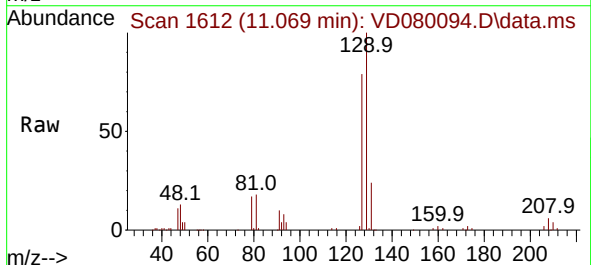
Instrument :
MSVOA_D
ClientSampleId :

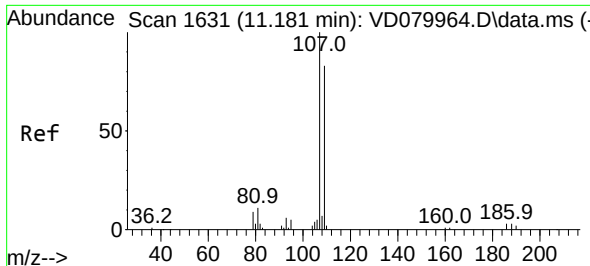
Tgt Ion: 43 Resp: 206288
Ion Ratio Lower Upper
43 100
58 57.6 27.8 83.4



#60
Dibromochloromethane
Concen: 56.907 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion:129 Resp: 104363
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2

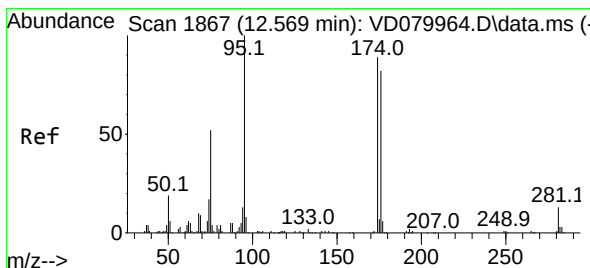
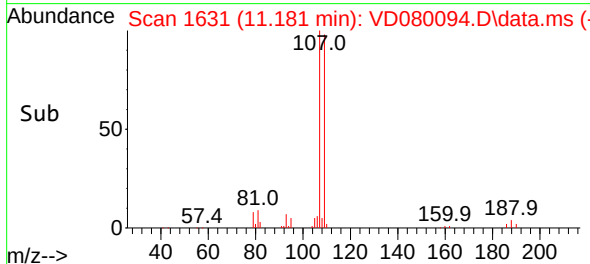
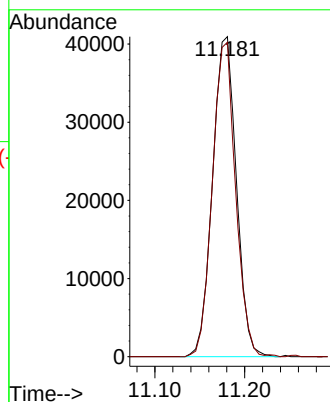
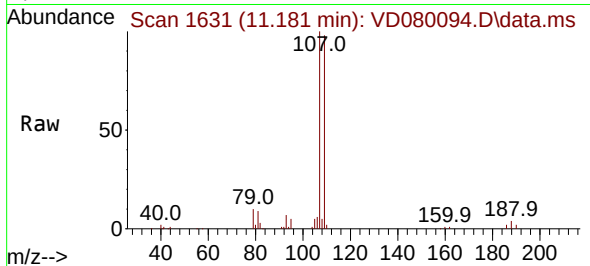




#61
1,2-Dibromoethane
Concen: 56.084 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

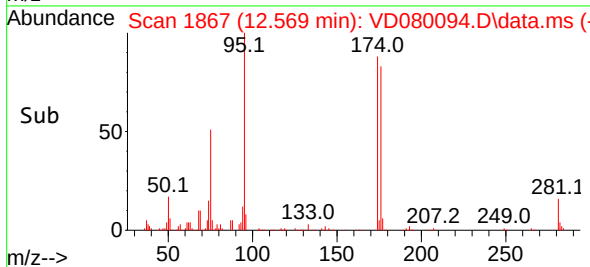
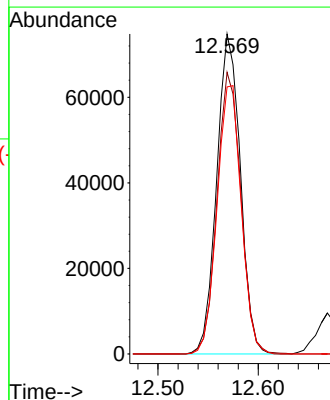
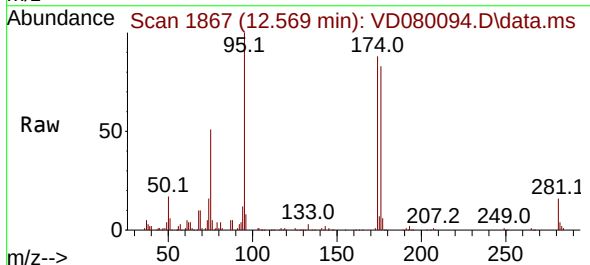
Instrument :
MSVOA_D
ClientSampleId :

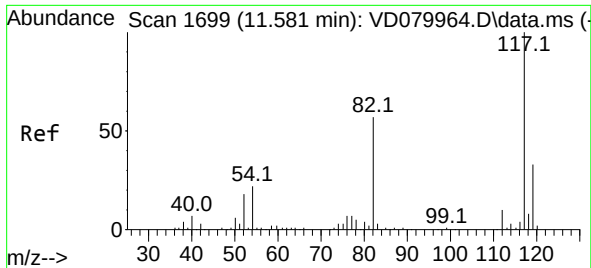
Tgt Ion:107 Resp: 75341
Ion Ratio Lower Upper
107 100
109 96.1 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 54.759 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 95 Resp: 122401
Ion Ratio Lower Upper
95 100
174 89.0 0.0 173.4
176 86.0 0.0 166.6

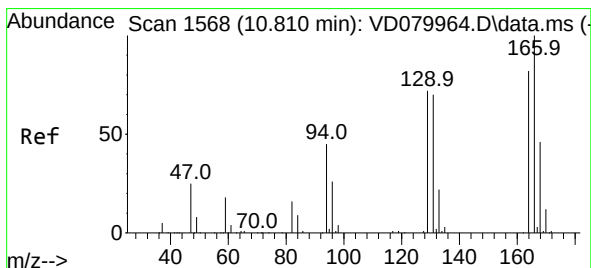
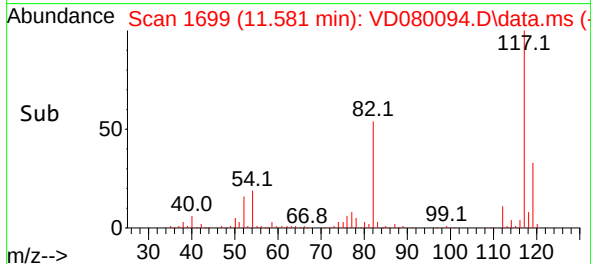
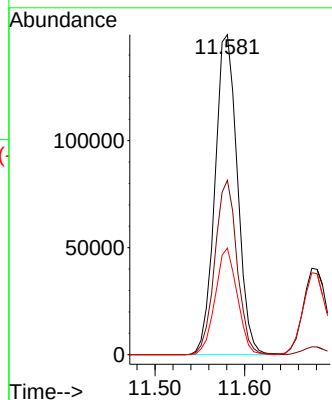
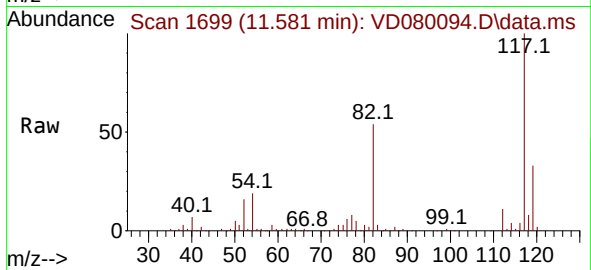




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

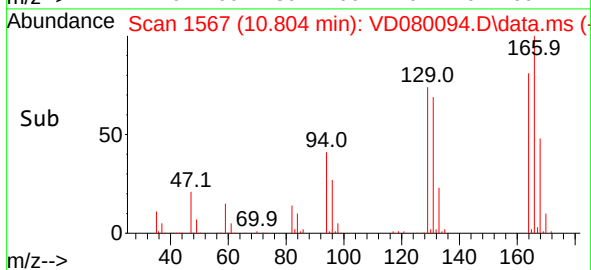
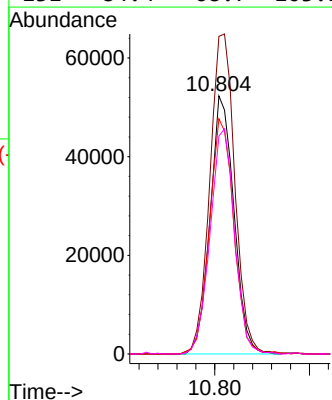
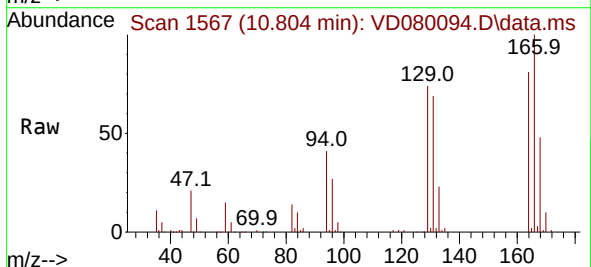
Instrument :
MSVOA_D
ClientSampleId :

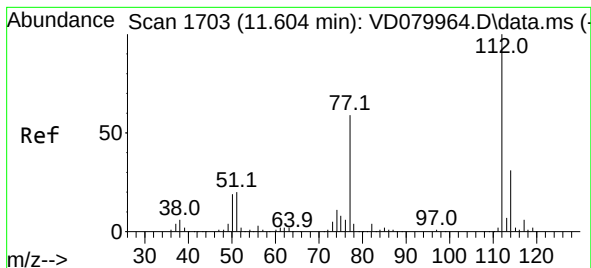
Tgt Ion:117 Resp: 260085
Ion Ratio Lower Upper
117 100
82 54.5 45.8 68.6
119 33.3 26.2 39.2



#64
Tetrachloroethene
Concen: 49.298 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion:164 Resp: 91308
Ion Ratio Lower Upper
164 100
166 123.1 97.5 146.3
129 91.1 70.6 106.0
131 84.4 68.7 103.1

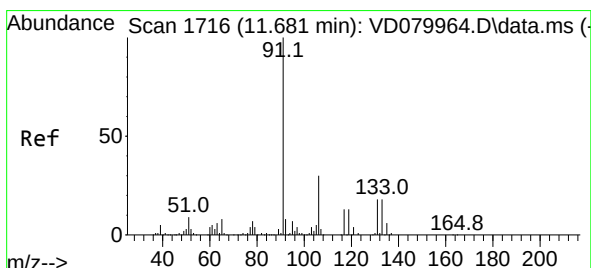
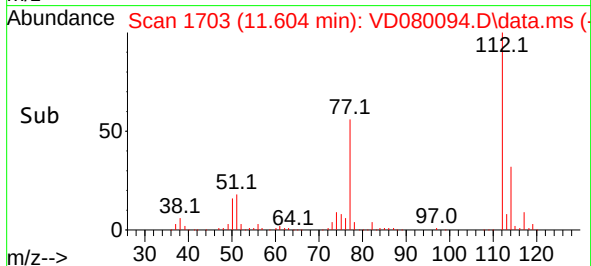
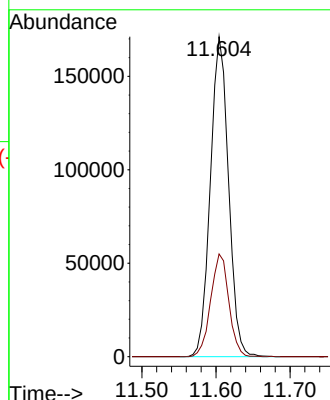
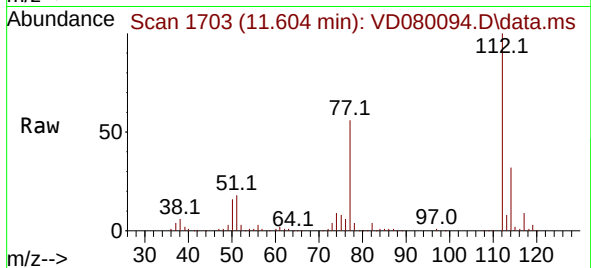




#65
Chlorobenzene
Concen: 51.331 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

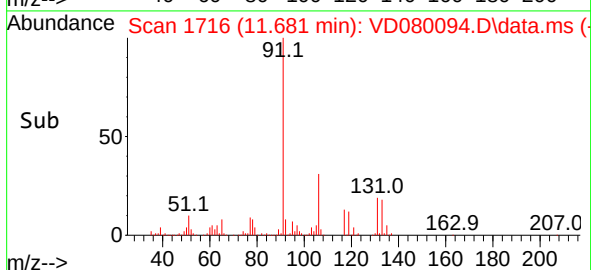
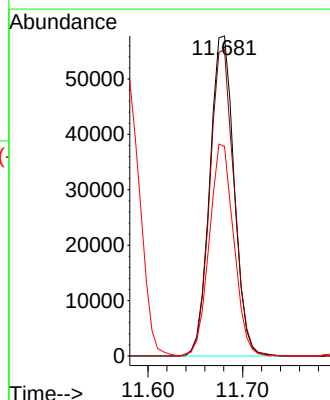
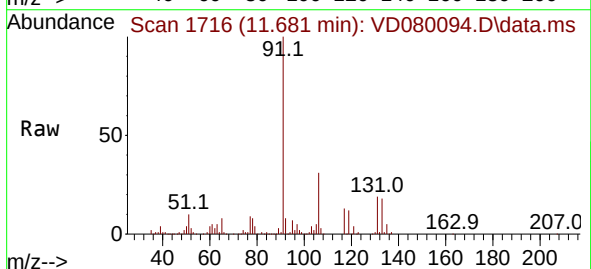
Instrument :
MSVOA_D
ClientSampleId :

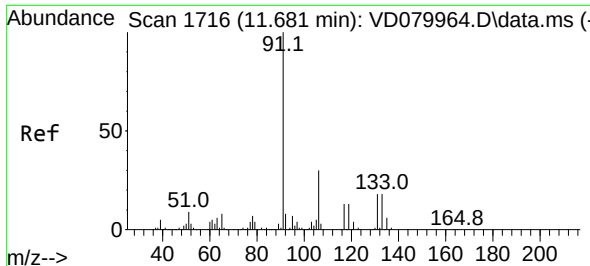
Tgt Ion:112 Resp: 291224
Ion Ratio Lower Upper
112 100
114 32.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.160 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion:131 Resp: 103011
Ion Ratio Lower Upper
131 100
133 95.9 48.8 146.4
119 66.9 34.8 104.3

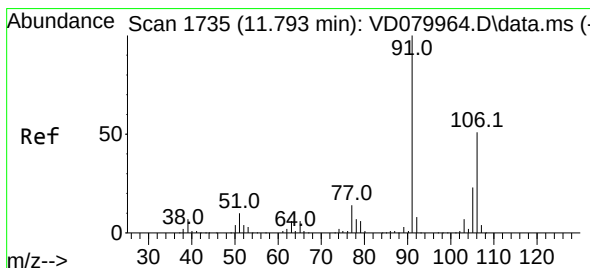
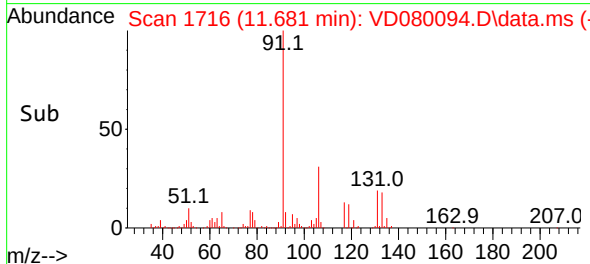
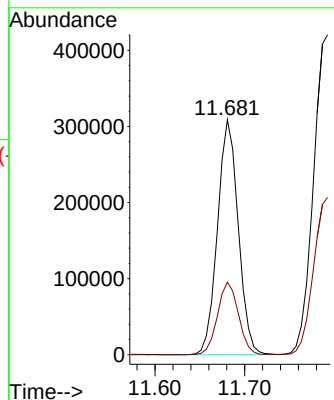
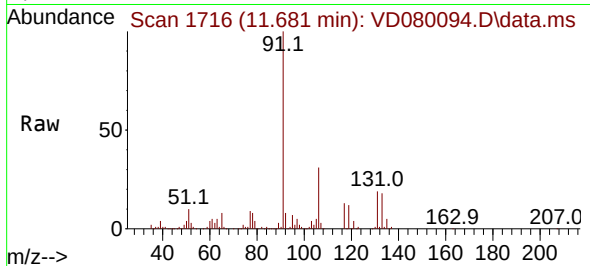




#67
Ethyl Benzene
Concen: 52.055 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

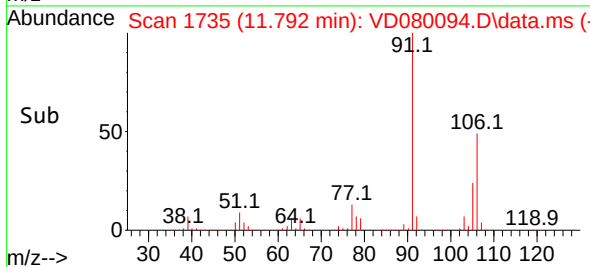
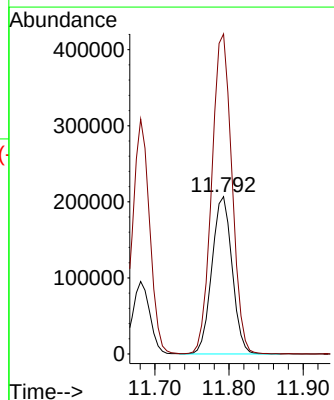
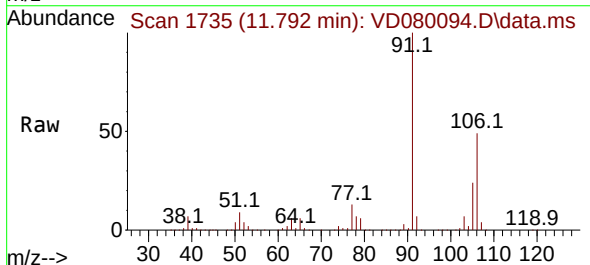
Instrument :
MSVOA_D
ClientSampleId :

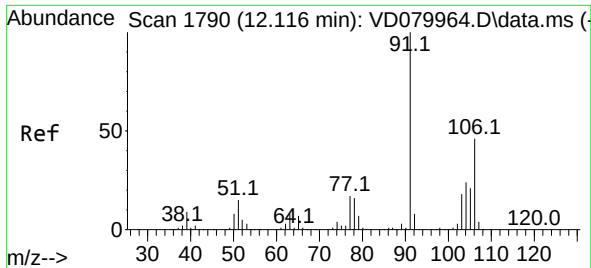
Tgt Ion: 91 Resp: 495544
Ion Ratio Lower Upper
91 100
106 30.8 23.6 35.4



#68
m/p-Xylenes
Concen: 105.061 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion:106 Resp: 390864
Ion Ratio Lower Upper
106 100
91 203.3 162.6 244.0

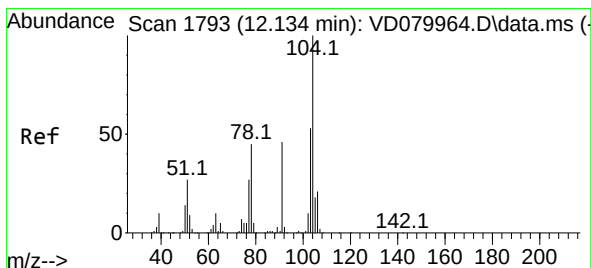
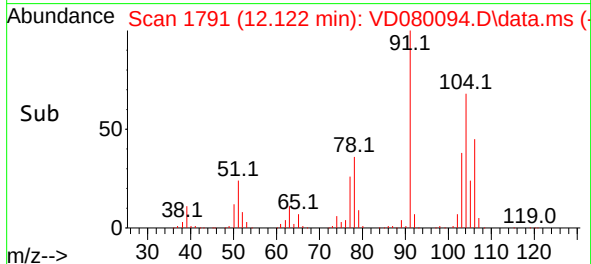
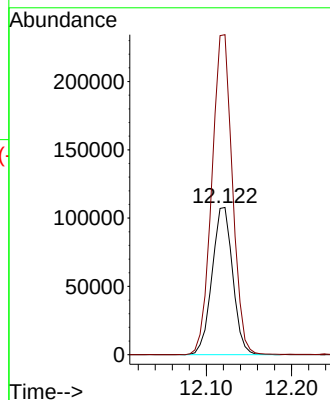
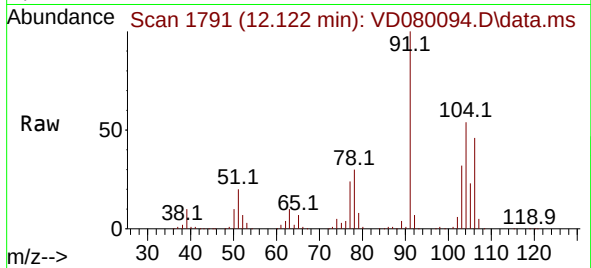




#69
o-Xylene
Concen: 54.264 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

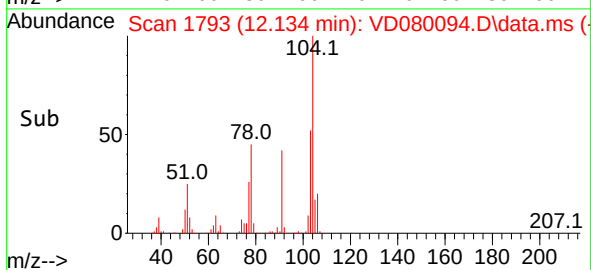
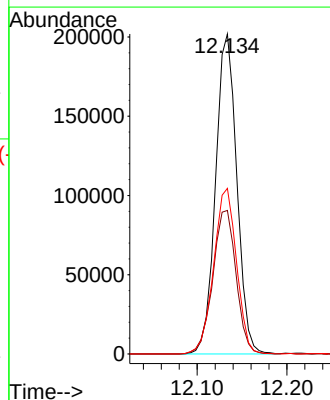
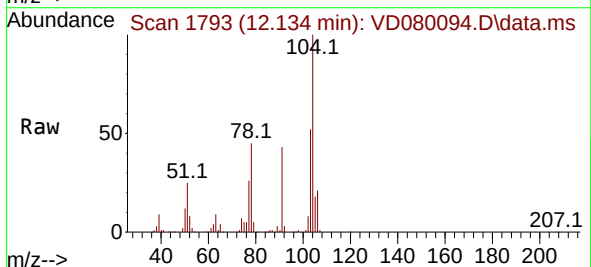
Instrument :
MSVOA_D
ClientSampleId :

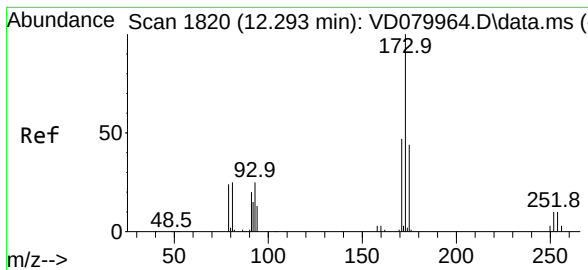
Tgt Ion:106 Resp: 181473
Ion Ratio Lower Upper
106 100
91 216.5 110.5 331.5



#70
Styrene
Concen: 55.593 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion:104 Resp: 331836
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.8
103 55.8 45.2 67.8

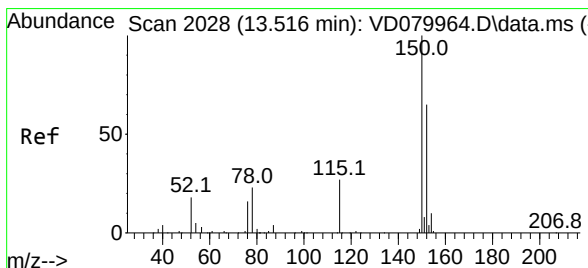
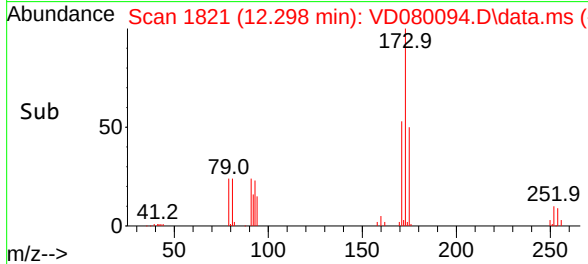
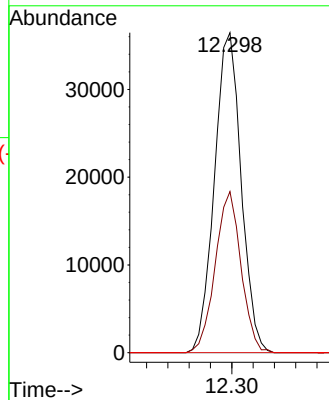
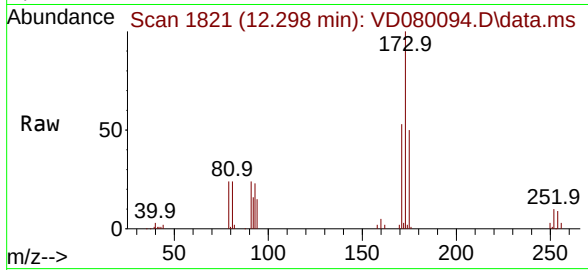




#71
Bromoform
Concen: 54.438 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

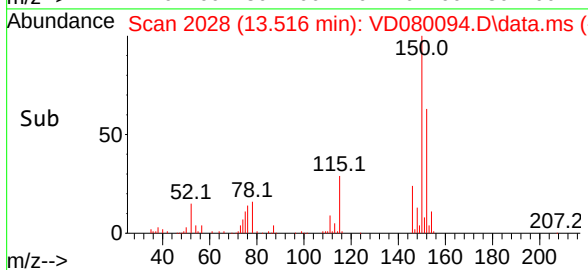
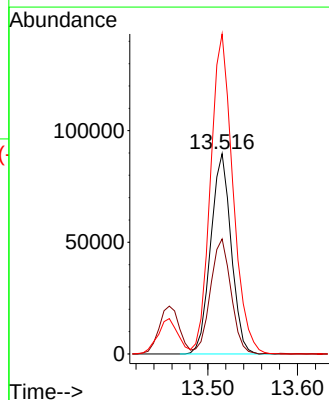
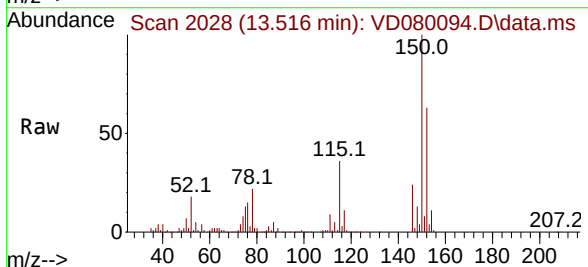
Instrument :
MSVOA_D
ClientSampleId :

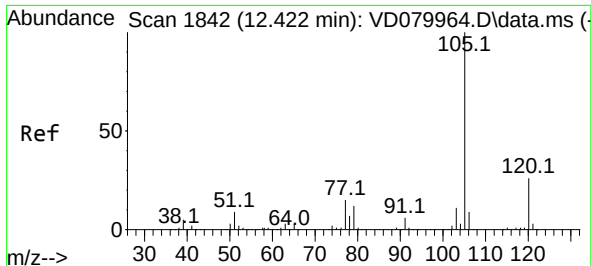
Tgt Ion:173 Resp: 63388
Ion Ratio Lower Upper
173 100
175 48.6 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion:152 Resp: 141877
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.8
150 174.5 0.0 354.8

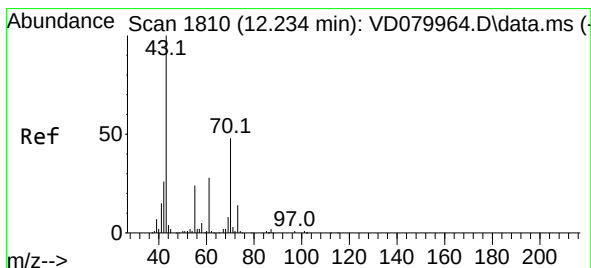
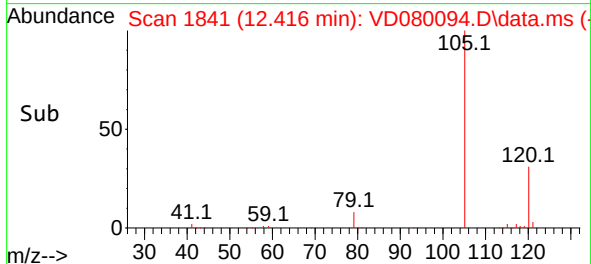
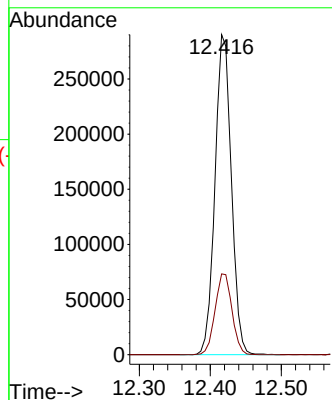
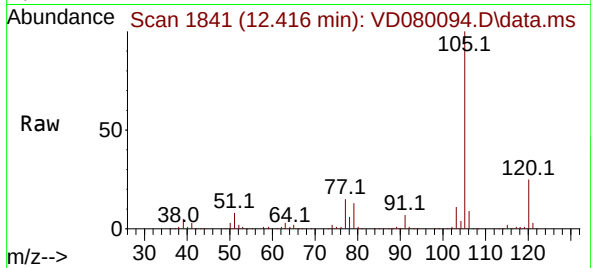




#73
Isopropylbenzene
Concen: 50.613 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

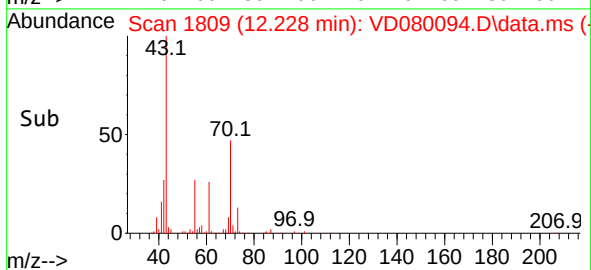
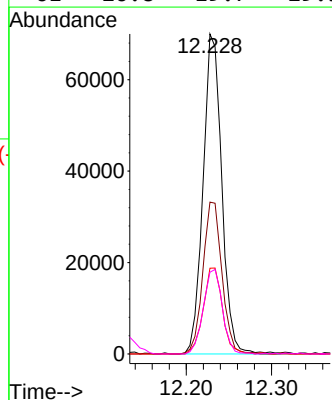
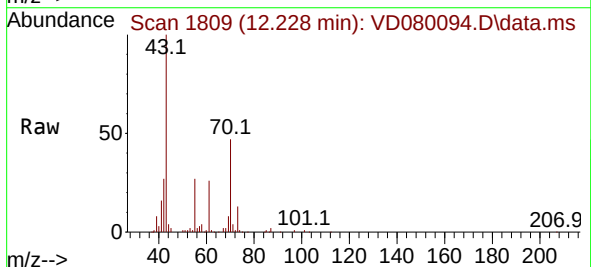
Instrument :
MSVOA_D
ClientSampleId :

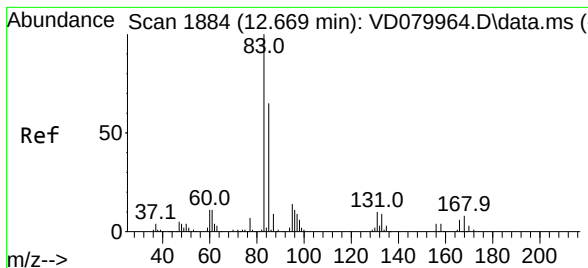
Tgt Ion:105 Resp: 463080
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.9



#74
N-ethyl acetate
Concen: 53.027 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 43 Resp: 106902
Ion Ratio Lower Upper
43 100
70 48.4 36.3 54.5
55 27.4 20.3 30.5
61 26.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.366 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

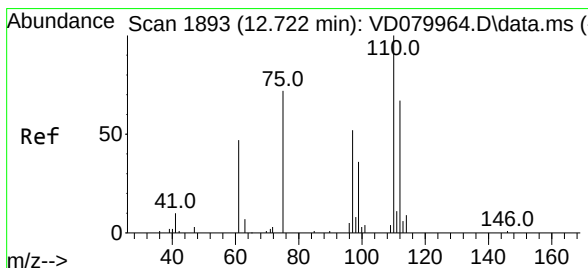
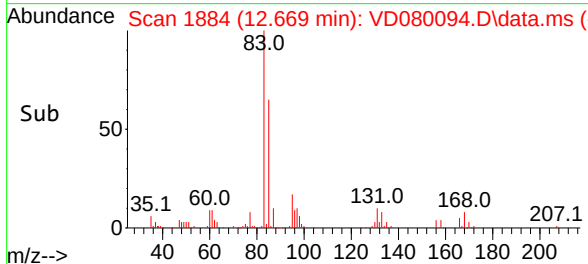
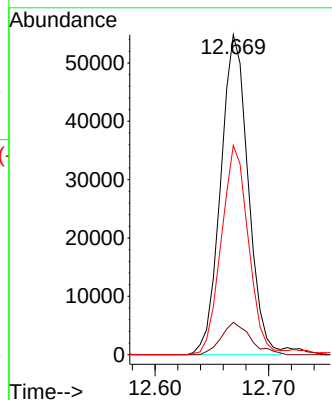
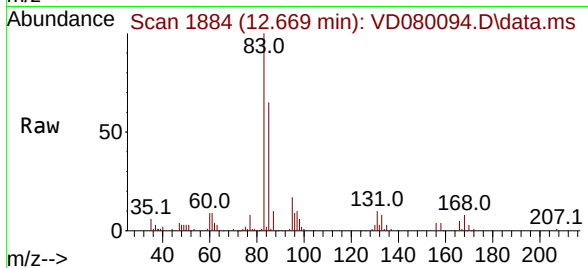
Tgt Ion: 83 Resp: 92078

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 64.8 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 91.166 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD080094.D

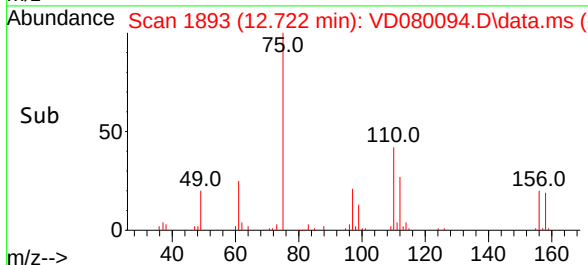
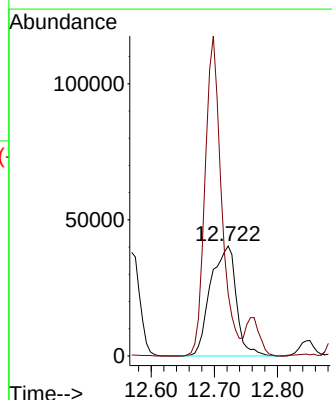
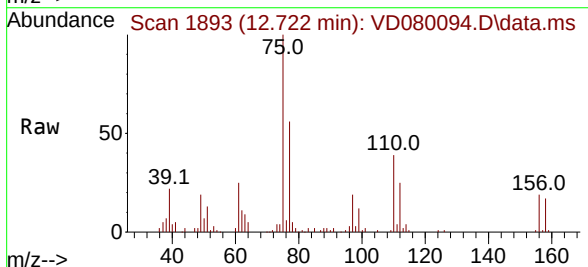
Acq: 19 Nov 2024 20:07

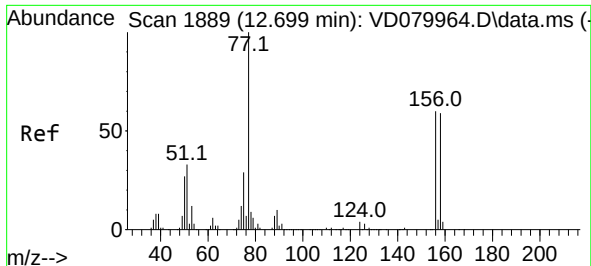
Tgt Ion: 75 Resp: 114213

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

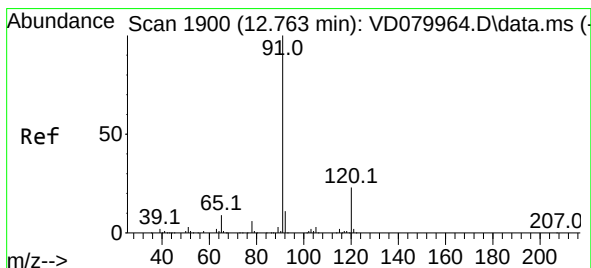
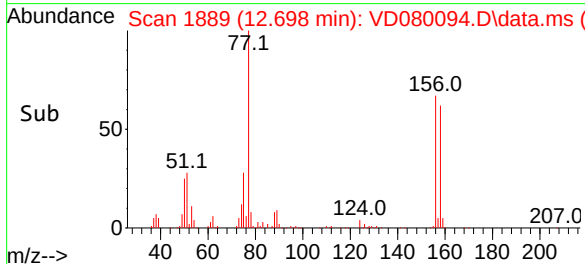
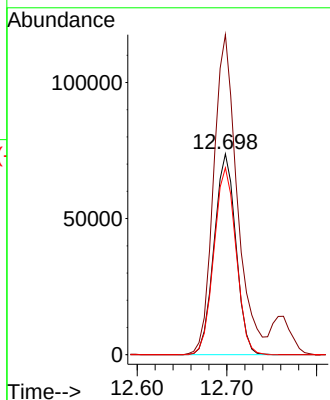
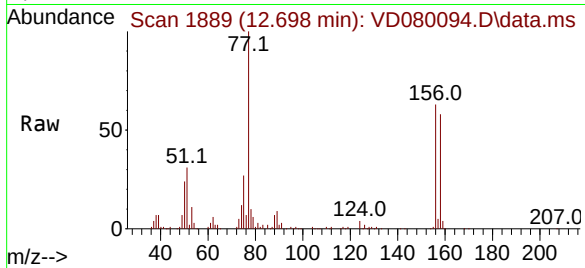




#77
Bromobenzene
Concen: 52.044 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.001 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

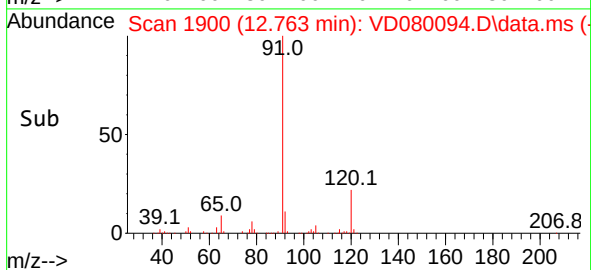
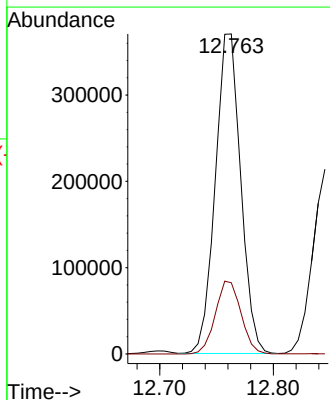
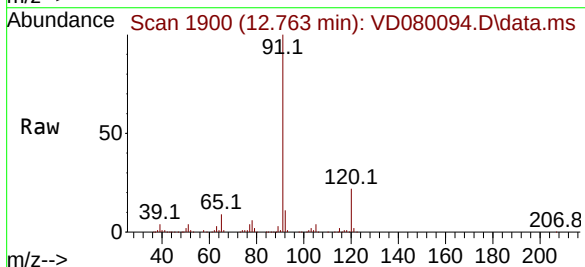
Instrument :
MSVOA_D
ClientSampleId :

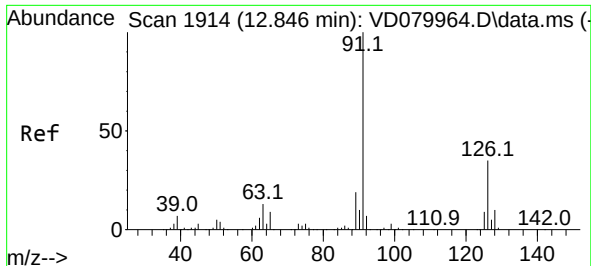
Tgt Ion:156 Resp: 123747
Ion Ratio Lower Upper
156 100
77 172.6 89.8 269.6
158 94.8 47.9 143.8



#78
n-propylbenzene
Concen: 50.937 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 91 Resp: 575960
Ion Ratio Lower Upper
91 100
120 23.0 11.2 33.5





#79

2-Chlorotoluene

Concen: 51.775 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.001 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

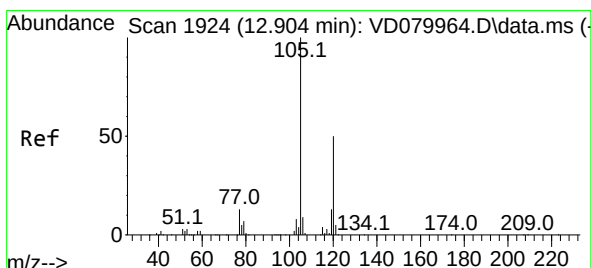
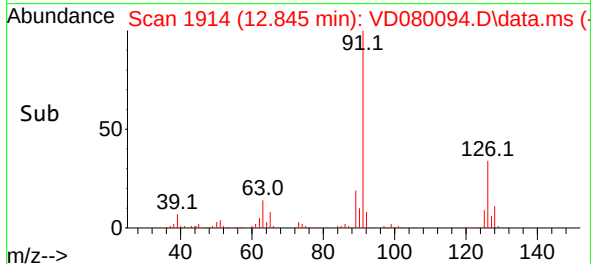
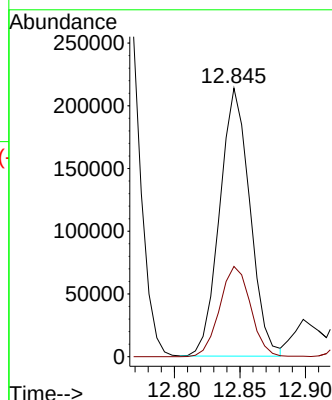
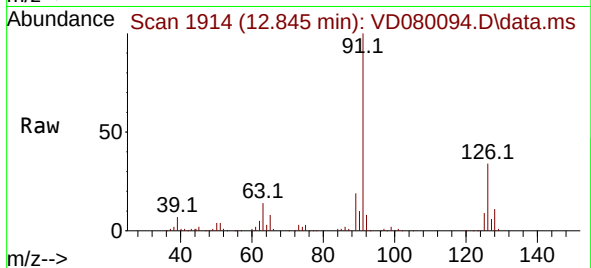
ClientSampleId :

Tgt Ion: 91 Resp: 343315

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 52.546 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD080094.D

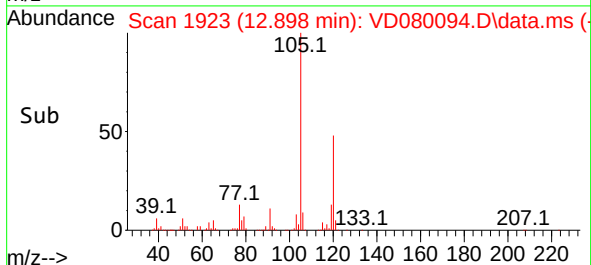
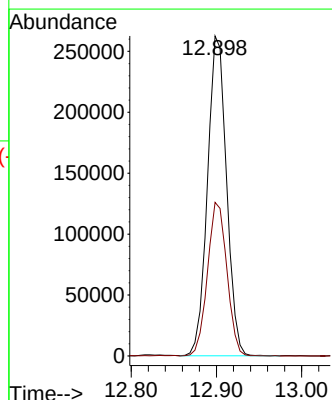
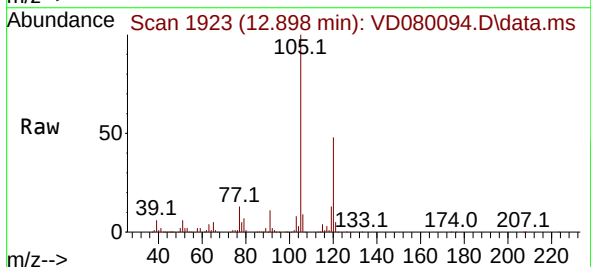
Acq: 19 Nov 2024 20:07

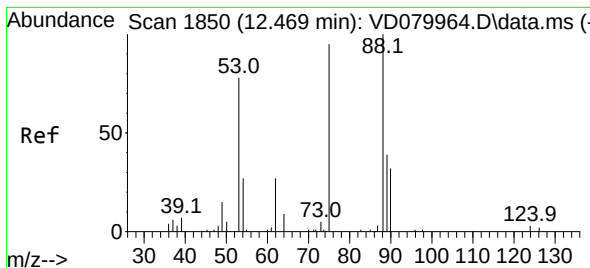
Tgt Ion:105 Resp: 406887

Ion Ratio Lower Upper

105 100

120 49.0 25.0 75.0

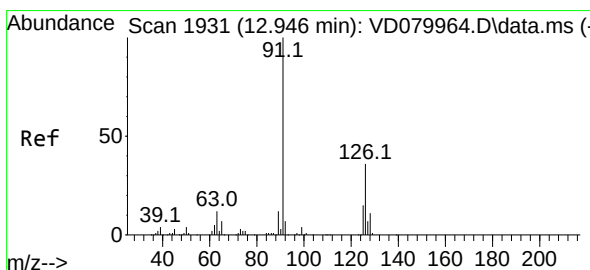
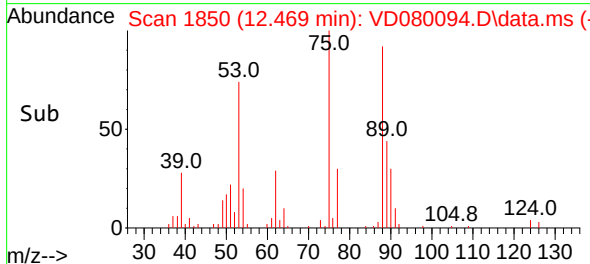
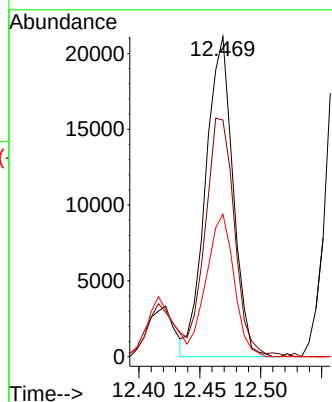
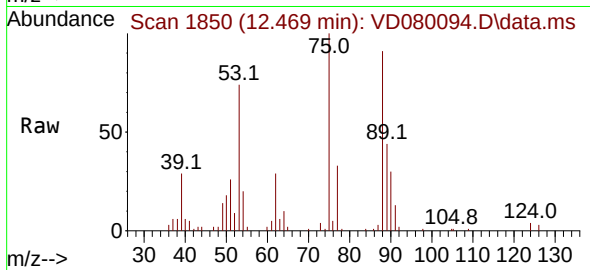




#81
trans-1,4-Dichloro-2-butene
Concen: 53.793 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

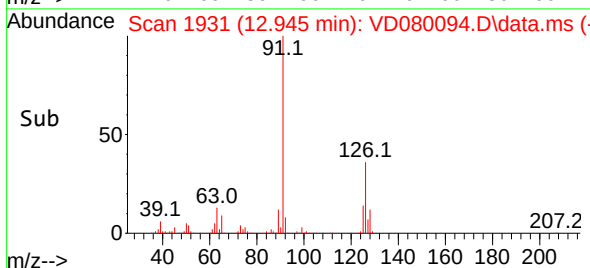
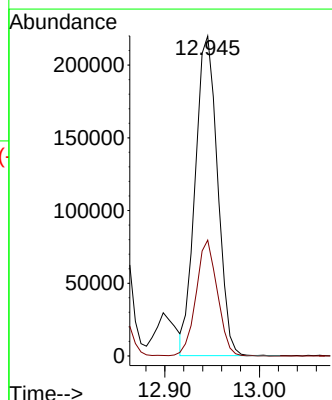
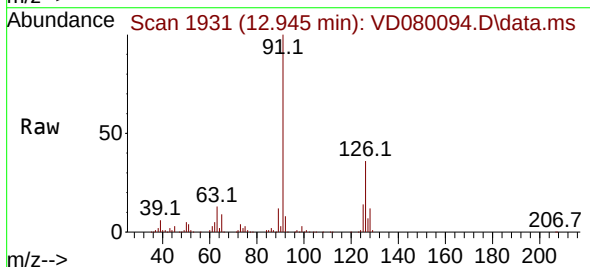
Instrument :
MSVOA_D
ClientSampleId :

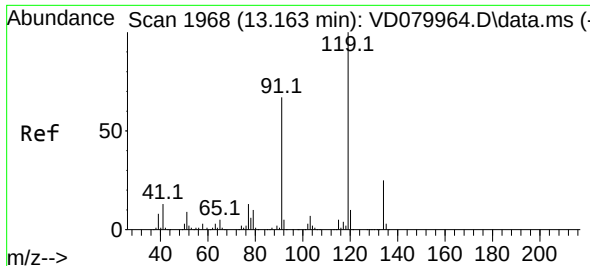
Tgt Ion: 75 Resp: 32928
Ion Ratio Lower Upper
75 100
53 79.4 68.7 103.1
89 45.1 36.1 54.1



#82
4-Chlorotoluene
Concen: 50.734 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.001 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 91 Resp: 359635
Ion Ratio Lower Upper
91 100
126 34.6 16.8 50.3

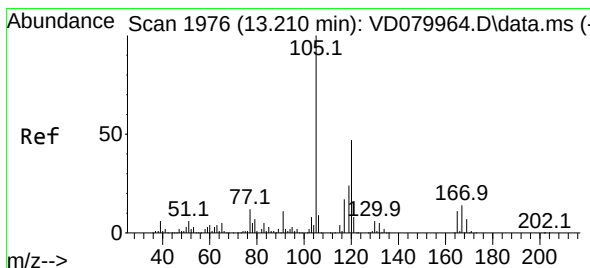
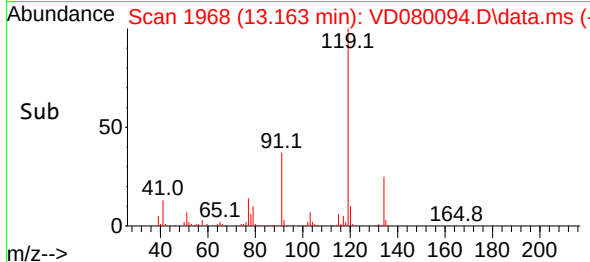
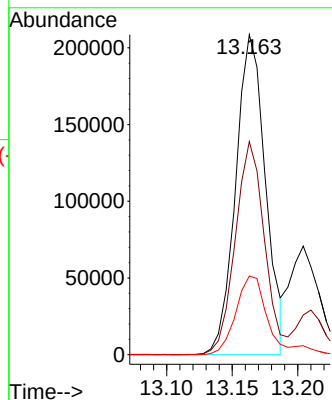
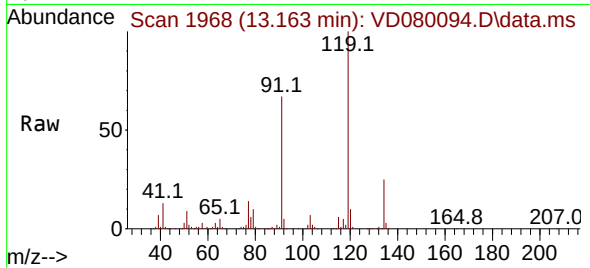




#83
tert-Butylbenzene
Concen: 49.250 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

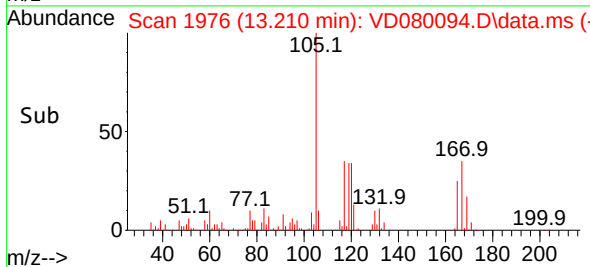
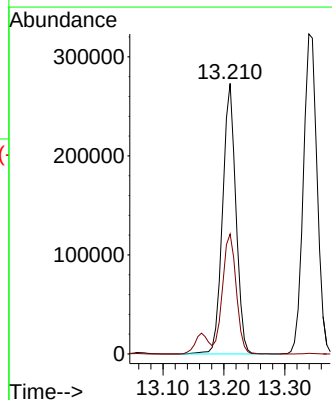
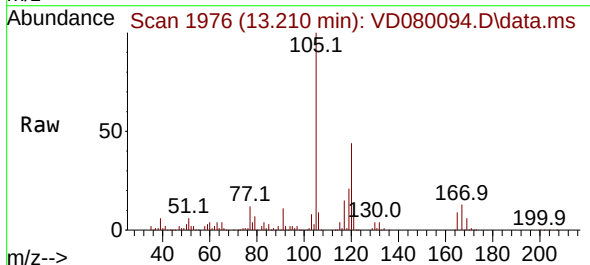
Instrument :
MSVOA_D
ClientSampleId :

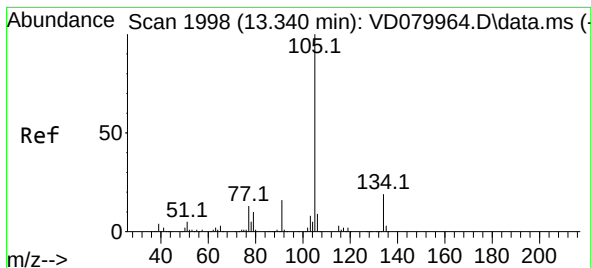
Tgt Ion:119 Resp: 330293
Ion Ratio Lower Upper
119 100
91 65.6 33.3 99.9
134 26.9 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 53.297 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion:105 Resp: 414592
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 50.990 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.001 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

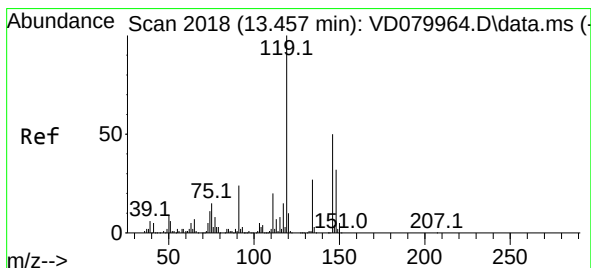
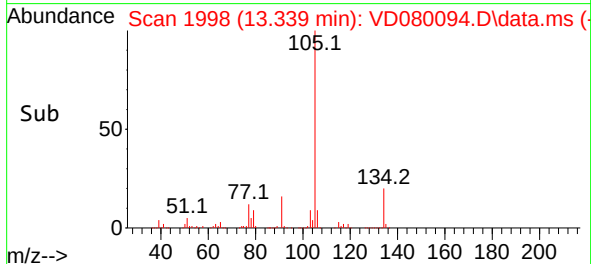
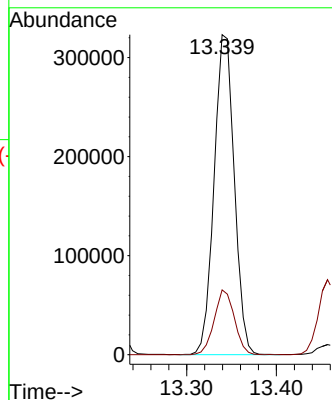
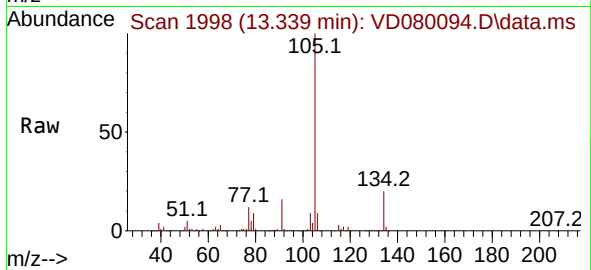
ClientSampleId :

Tgt Ion:105 Resp: 505462

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.605 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

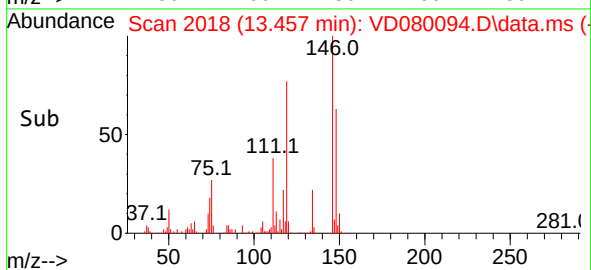
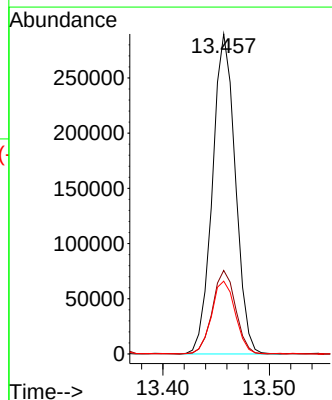
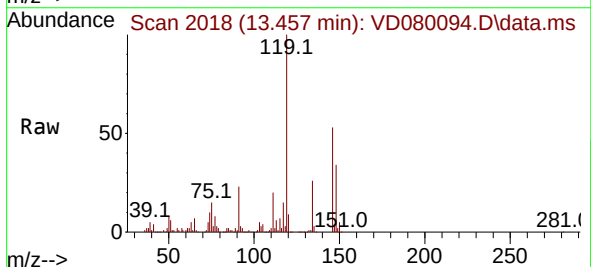
Tgt Ion:119 Resp: 432405

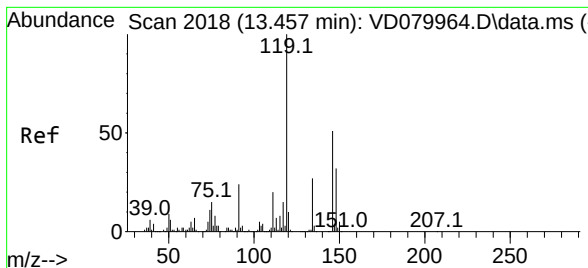
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 50.949 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

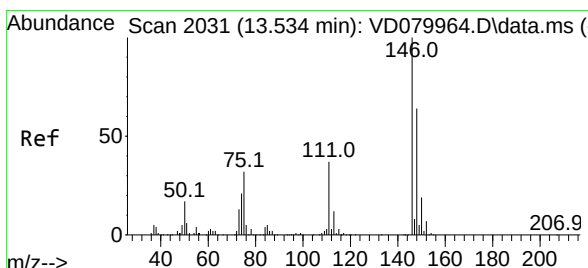
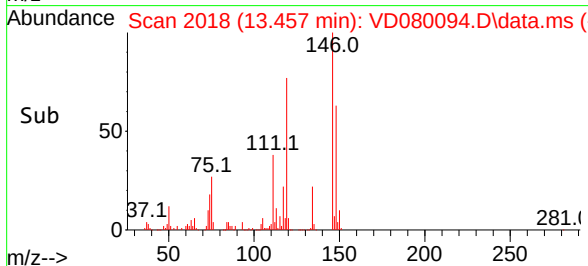
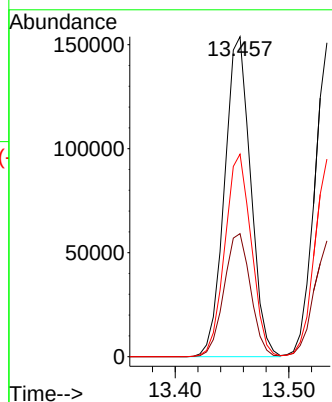
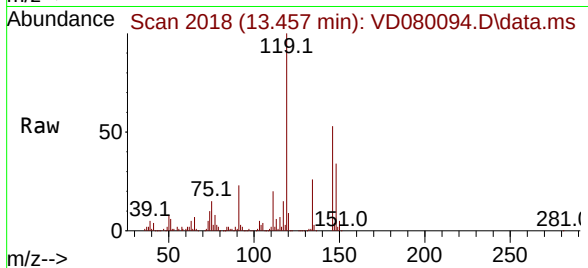
Tgt Ion:146 Resp: 245315

Ion Ratio Lower Upper

146 100

111 39.2 20.0 59.9

148 64.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.283 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

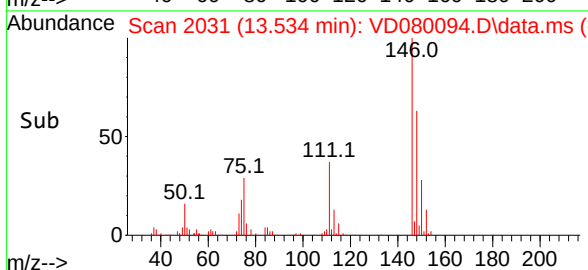
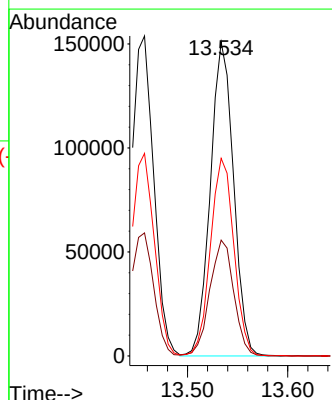
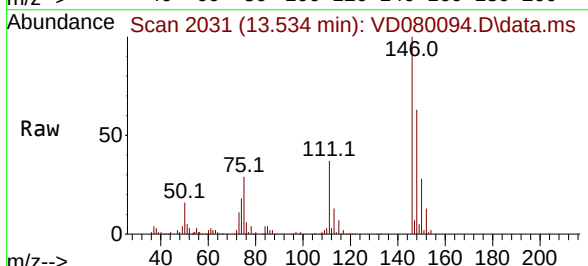
Tgt Ion:146 Resp: 243154

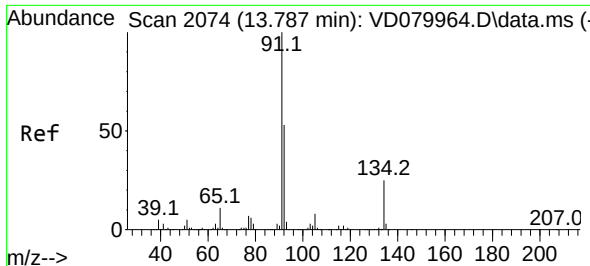
Ion Ratio Lower Upper

146 100

111 38.1 19.3 57.8

148 63.6 32.9 98.7

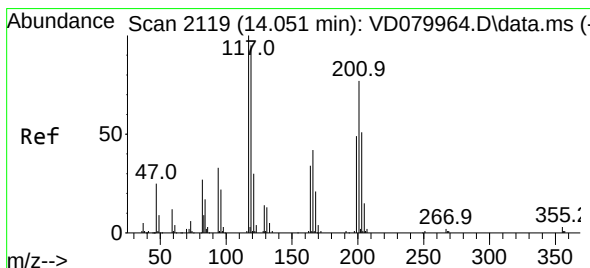
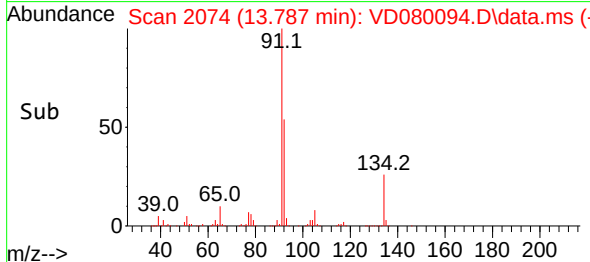
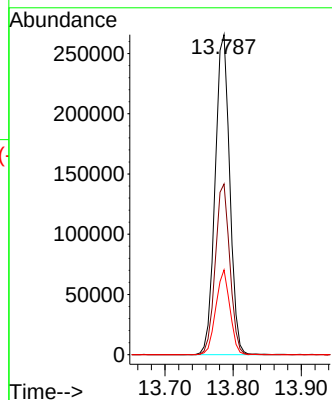
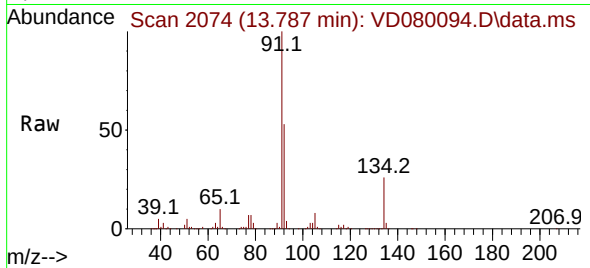




#89
n-Butylbenzene
Concen: 50.249 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

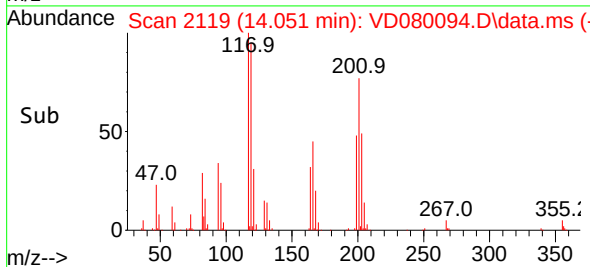
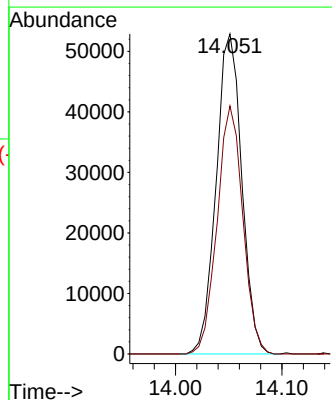
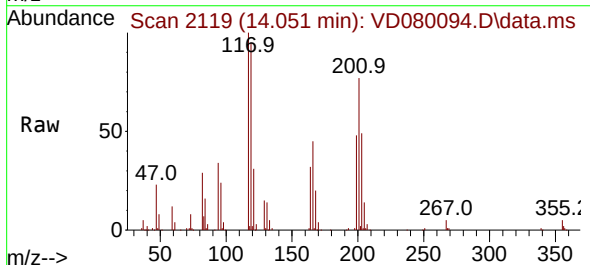
Instrument :
MSVOA_D
ClientSampleId :

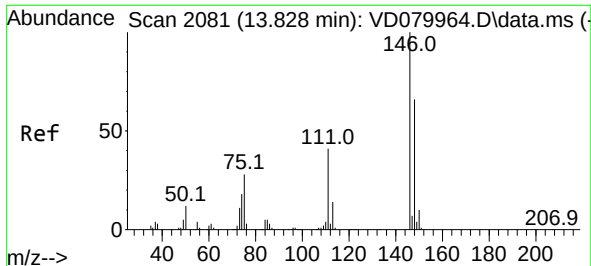
Tgt Ion: 91 Resp: 396115
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 25.5 12.3 36.8



#90
Hexachloroethane
Concen: 49.160 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion: 117 Resp: 88304
Ion Ratio Lower Upper
117 100
201 77.6 37.5 112.5





#91

1,2-Dichlorobenzene

Concen: 52.353 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

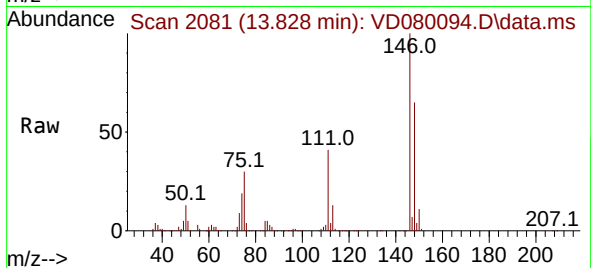
Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

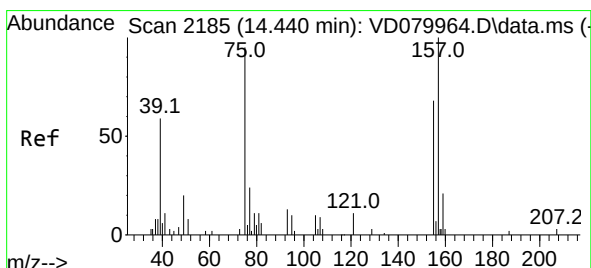
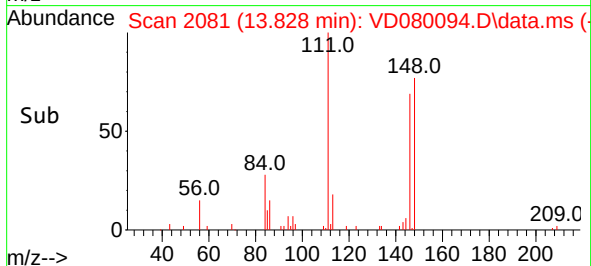
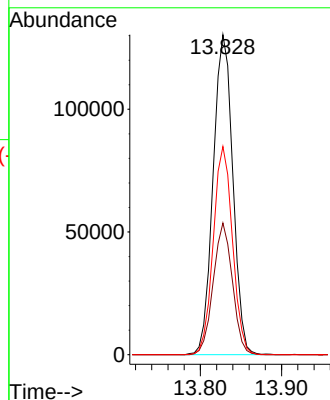
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	146	Resp:	219805
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.8
148	63.4	32.7	98.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.650 ug/l

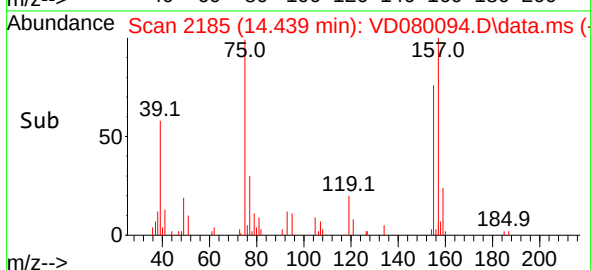
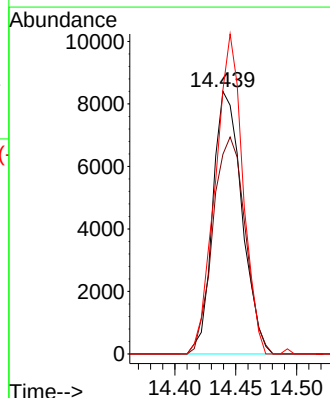
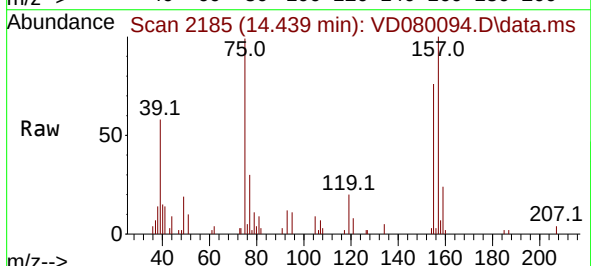
RT: 14.439 min Scan# 2185

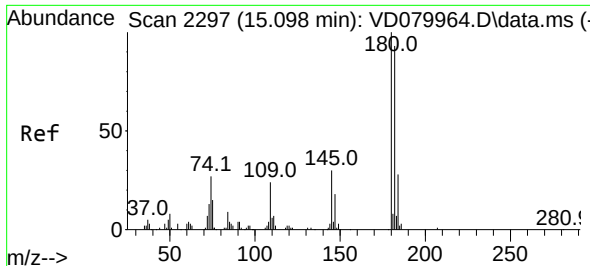
Delta R.T. -0.001 min

Lab File: VD080094.D

Acq: 19 Nov 2024 20:07

Tgt Ion:	75	Resp:	13999
Ion	Ratio	Lower	Upper
75	100		
155	91.2	40.6	122.0
157	114.8	53.3	159.9

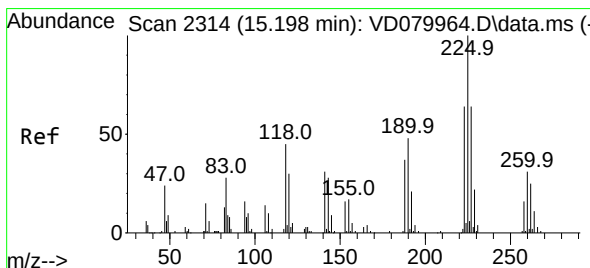
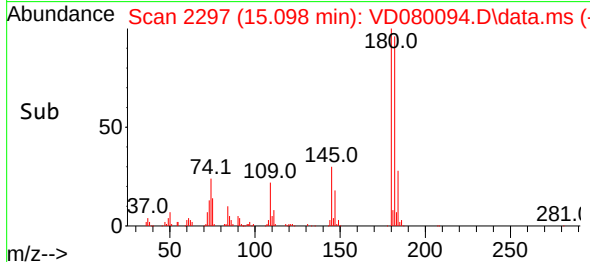
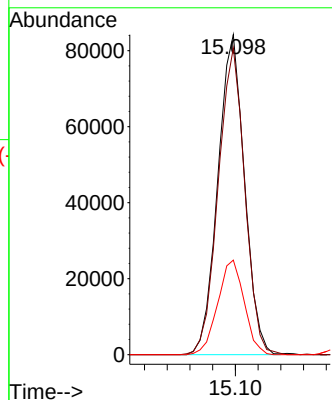
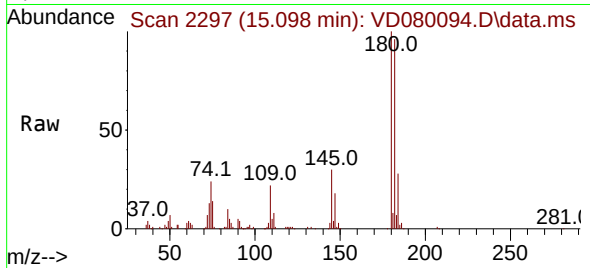




#93
1,2,4-Trichlorobenzene
Concen: 52.033 ug/l
RT: 15.098 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

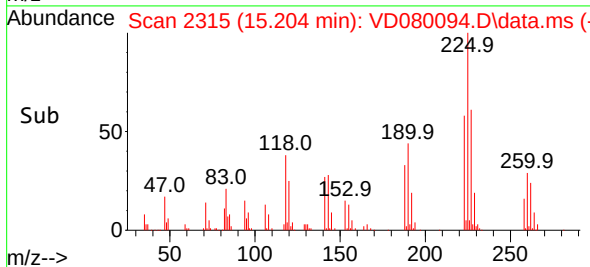
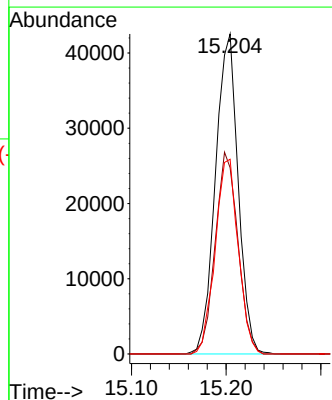
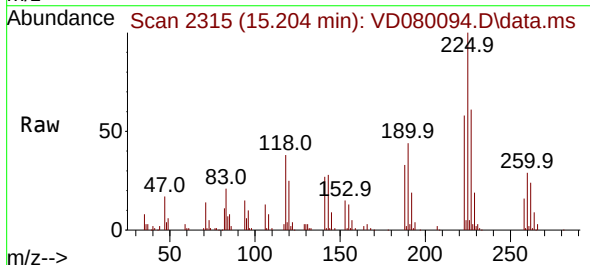
Instrument :
MSVOA_D
ClientSampleId :

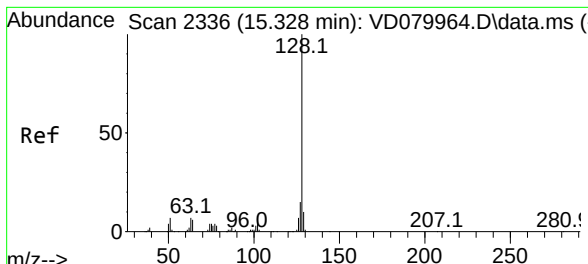
Tgt Ion:180 Resp: 136988
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 29.4 14.7 44.1



#94
Hexachlorobutadiene
Concen: 49.776 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.006 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion:225 Resp: 70827
Ion Ratio Lower Upper
225 100
223 63.1 31.5 94.5
227 61.9 30.9 92.5

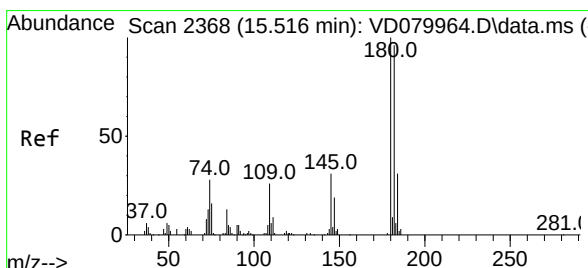
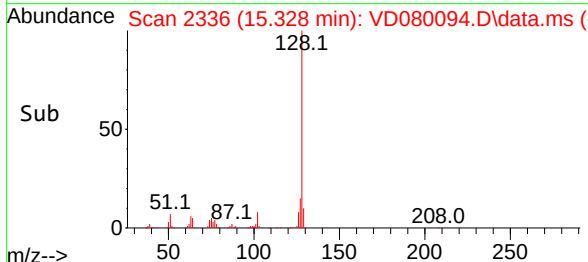
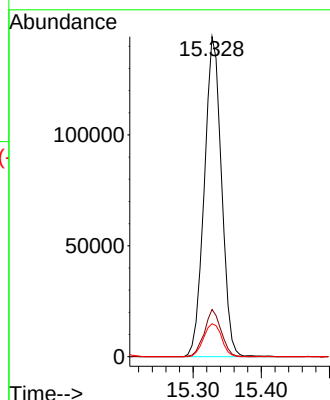
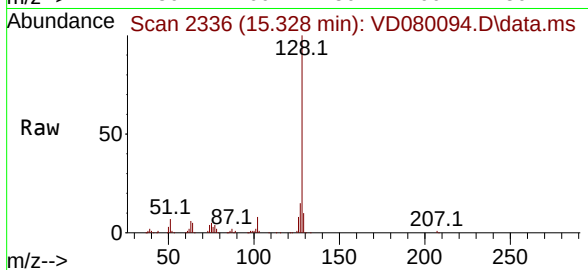




#95
Naphthalene
Concen: 56.727 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 253675
Ion Ratio Lower Upper
128 100
127 14.8 11.8 17.8
129 10.3 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 54.868 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD080094.D
Acq: 19 Nov 2024 20:07

Tgt Ion:180 Resp: 126856
Ion Ratio Lower Upper
180 100
182 92.7 47.5 142.6
145 30.3 15.7 47.0

