

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080093.D
 Acq On : 19 Nov 2024 19:40
 Operator : RP/MD
 Sample : VD1119SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:58:46 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	148226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	237634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	224619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85882	56.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.540%	
35) Dibromofluoromethane	7.805	113	92663	58.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.180%	
50) Toluene-d8	10.269	98	338337	56.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.520%	
62) 4-Bromofluorobenzene	12.569	95	113781	58.180	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22257	18.709	ug/l	97
3) Chloromethane	2.146	50	26640	30.451	ug/l	92
4) Vinyl Chloride	2.281	62	33592	33.634	ug/l	99
5) Bromomethane	2.681	94	31909	29.643	ug/l	97
6) Chloroethane	2.834	64	22794	31.929	ug/l	99
7) Trichlorofluoromethane	3.169	101	53242	21.704	ug/l	96
8) Diethyl Ether	3.587	74	14676	20.494	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.969	101	32304	21.080	ug/l	96
10) Methyl Iodide	4.164	142	35276	18.598	ug/l	99
11) Tert butyl alcohol	5.069	59	8815	110.992	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	31371	20.425	ug/l	89
13) Acrolein	3.805	56	11336	74.388	ug/l	95
14) Allyl chloride	4.564	41	39751	18.258	ug/l	94
15) Acrylonitrile	5.258	53	31199	98.070	ug/l	98
16) Acetone	4.022	43	27714	83.696	ug/l	99
17) Carbon Disulfide	4.275	76	92301	18.663	ug/l	99
18) Methyl Acetate	4.564	43	14711	20.032	ug/l #	89
19) Methyl tert-butyl Ether	5.322	73	62990	20.103	ug/l	92
20) Methylene Chloride	4.799	84	37971	21.382	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	35484	20.898	ug/l	88
22) Diisopropyl ether	6.210	45	88745	20.129	ug/l	98
23) Vinyl Acetate	6.152	43	232548	92.066	ug/l	95
24) 1,1-Dichloroethane	6.116	63	59415	20.263	ug/l	94
25) 2-Butanone	7.087	43	39427	91.117	ug/l	90
26) 2,2-Dichloropropane	7.075	77	50435	19.788	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	39837	20.445	ug/l	96
28) Bromochloromethane	7.428	49	24933	19.107	ug/l #	85
29) Tetrahydrofuran	7.452	42	22561	95.184	ug/l	94
30) Chloroform	7.599	83	69145	22.383	ug/l	96
31) Cyclohexane	7.881	56	44846	18.045	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	56801	21.486	ug/l	97
36) 1,1-Dichloropropene	8.010	75	42492	19.649	ug/l	99
37) Ethyl Acetate	7.175	43	17565	18.897	ug/l #	81
38) Carbon Tetrachloride	7.993	117	50052	21.184	ug/l	97
39) Methylcyclohexane	9.269	83	46042	17.882	ug/l	94
40) Benzene	8.252	78	143776	21.329	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	8687	17.317	ug/l #	64
42) 1,2-Dichloroethane	8.328	62	38131	21.858	ug/l	98
43) Isopropyl Acetate	8.363	43	33288	19.755	ug/l	94
44) Trichloroethene	9.028	130	36134	20.716	ug/l	93
45) 1,2-Dichloropropane	9.304	63	34605	21.362	ug/l	100
46) Dibromomethane	9.393	93	20270	21.513	ug/l	98
47) Bromodichloromethane	9.581	83	51615	21.885	ug/l #	96
48) Methyl methacrylate	9.381	41	14704	18.279	ug/l	86
49) 1,4-Dioxane	9.387	88	3947	456.647	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	86441	101.114	ug/l	98
52) Toluene	10.334	92	91497	21.842	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	43236	20.565	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	50033	20.102	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	27757	22.267	ug/l	94
56) Ethyl methacrylate	10.599	69	30142	20.794	ug/l	94
57) 1,3-Dichloropropane	10.875	76	43606	21.504	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	53761	98.062	ug/l	96
59) 2-Hexanone	10.922	43	59748	95.017	ug/l	98
60) Dibromochloromethane	11.075	129	37696	23.494	ug/l	96
61) 1,2-Dibromoethane	11.181	107	25814	21.964	ug/l	99
64) Tetrachloroethene	10.804	164	32994	20.626	ug/l	98
65) Chlorobenzene	11.604	112	99356	20.278	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	36986	21.685	ug/l	97
67) Ethyl Benzene	11.681	91	164789	20.044	ug/l	94
68) m/p-Xylenes	11.793	106	132295	41.175	ug/l	98
69) o-Xylene	12.122	106	59670	20.660	ug/l	96
70) Styrene	12.134	104	108888	21.123	ug/l	98
71) Bromoform	12.298	173	22009	21.886	ug/l #	99
73) Isopropylbenzene	12.416	105	156278	19.610	ug/l	100
74) N-amyl acetate	12.228	43	32710	18.628	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	33797	22.067	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	39711	36.391	ug/l #	100
77) Bromobenzene	12.698	156	42698	20.616	ug/l	96
78) n-propylbenzene	12.763	91	199320	20.238	ug/l	100
79) 2-Chlorotoluene	12.845	91	116668	20.200	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	136911	20.299	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	10224	19.176	ug/l	97
82) 4-Chlorotoluene	12.945	91	126244	20.446	ug/l	99
83) tert-Butylbenzene	13.163	119	111025	19.006	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	140517	20.739	ug/l	100
85) sec-Butylbenzene	13.345	105	172966	20.032	ug/l	98
86) p-Isopropyltoluene	13.457	119	144445	19.791	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	86204	20.555	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	85395	20.274	ug/l	98
89) n-Butylbenzene	13.787	91	132457	19.291	ug/l	98
90) Hexachloroethane	14.051	117	32045	20.482	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	76677	20.967	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4815	20.791	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	45188	19.705	ug/l	98
94) Hexachlorobutadiene	15.198	225	24287	19.596	ug/l	96
95) Naphthalene	15.328	128	76616	19.670	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	41328	20.522	ug/l	97

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ClientSampleId :

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

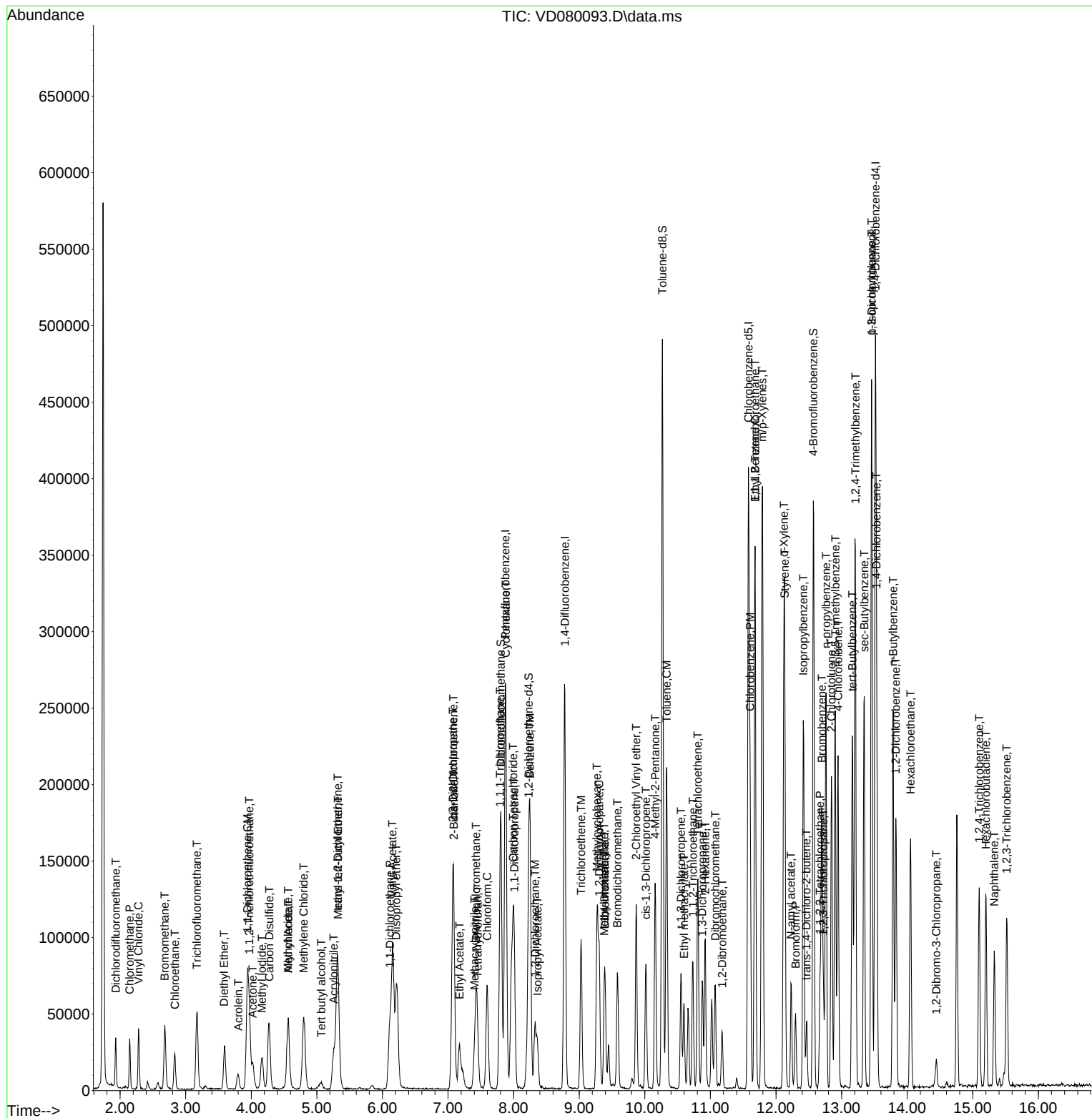
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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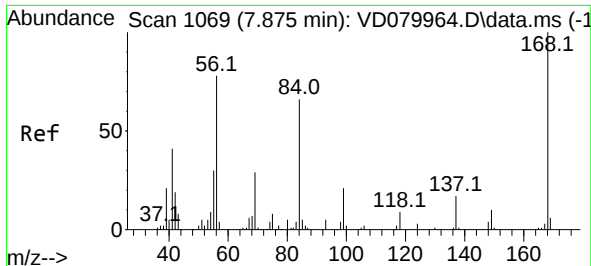
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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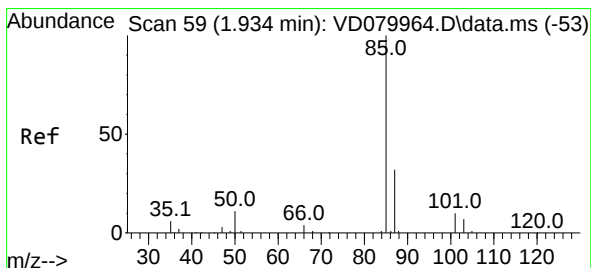
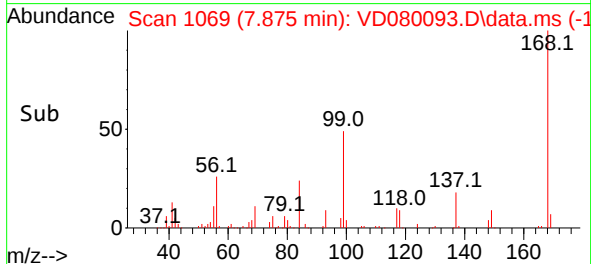
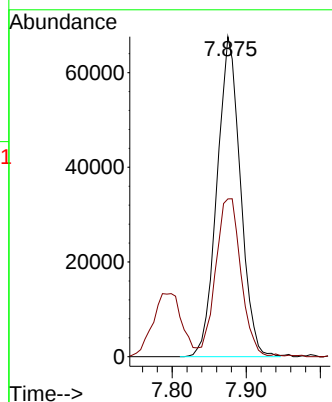
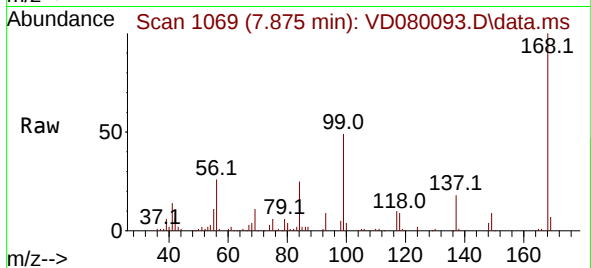




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

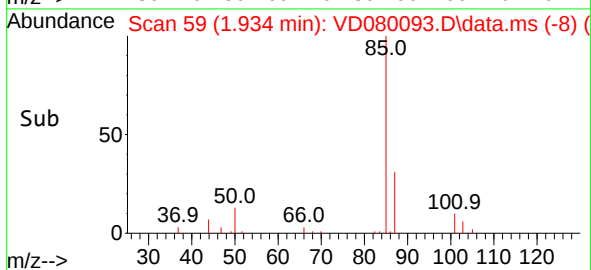
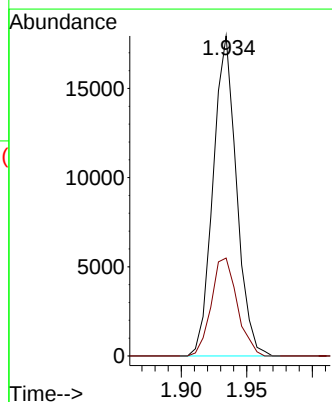
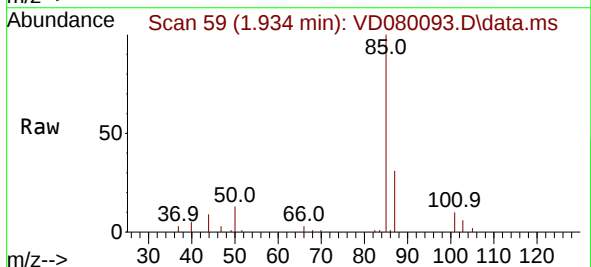
Instrument :
MSVOA_D
ClientSampleId :

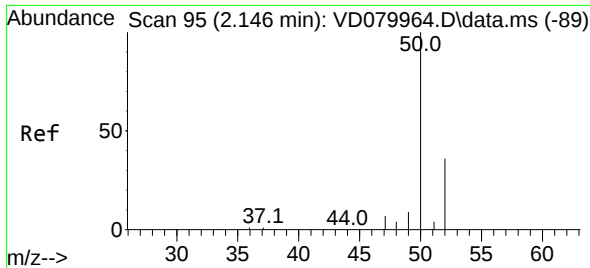
Tgt Ion:168 Resp: 148226
Ion Ratio Lower Upper
168 100
99 48.9 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 18.709 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 85 Resp: 22257
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2

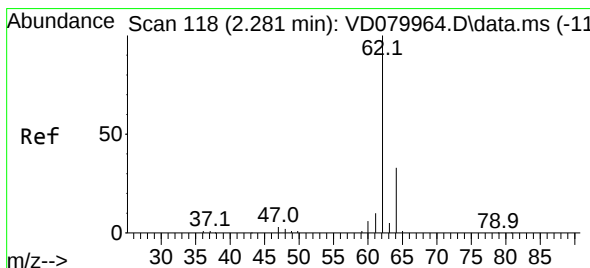
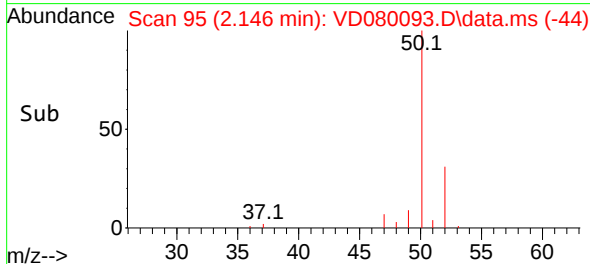
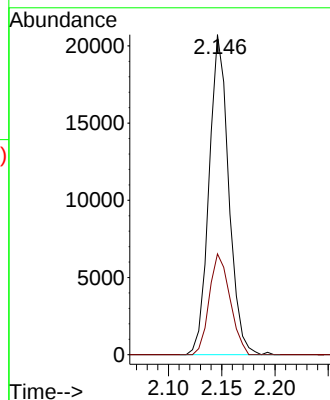
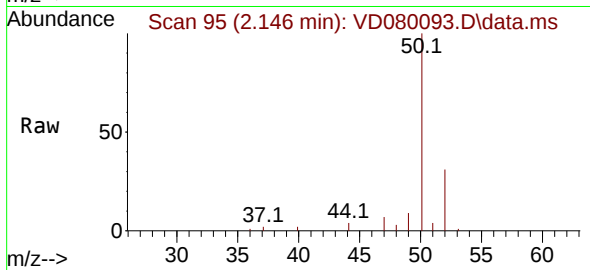




#3
Chloromethane
Concen: 30.451 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

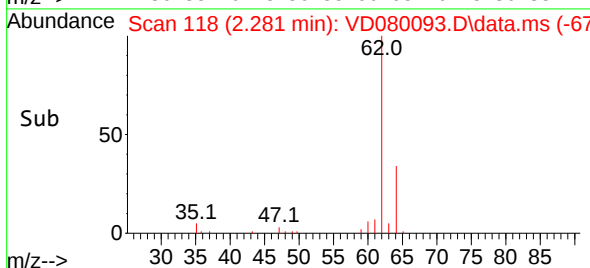
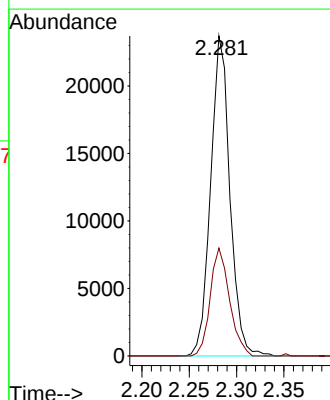
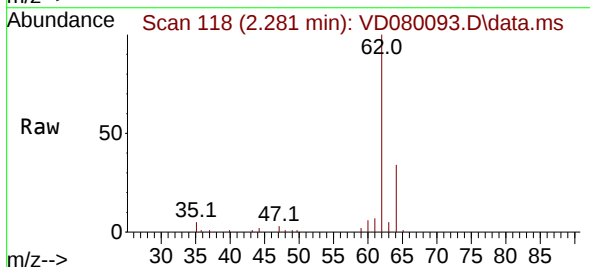
Instrument :
MSVOA_D
ClientSampleId :

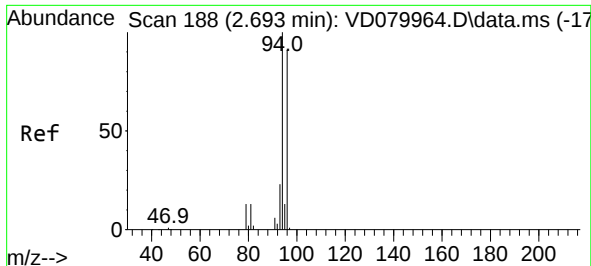
Tgt Ion: 50 Resp: 26640
Ion Ratio Lower Upper
50 100
52 31.5 28.8 43.2



#4
Vinyl Chloride
Concen: 33.634 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 62 Resp: 33592
Ion Ratio Lower Upper
62 100
64 33.7 26.5 39.7

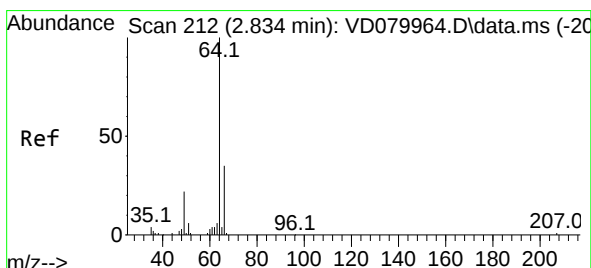
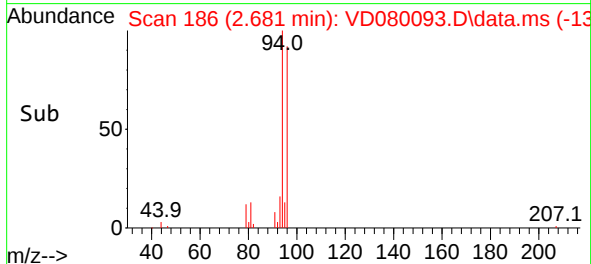
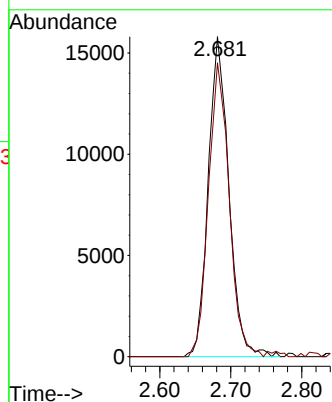
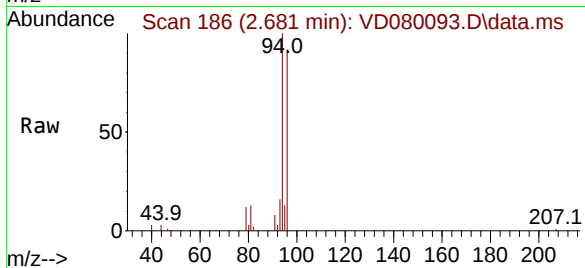




#5
Bromomethane
Concen: 29.643 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

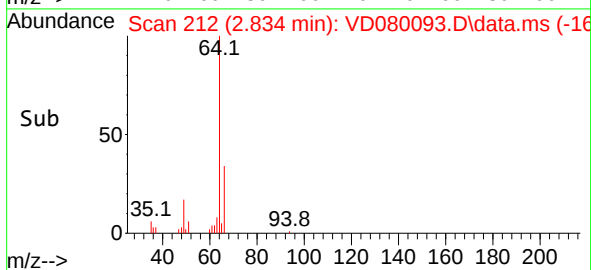
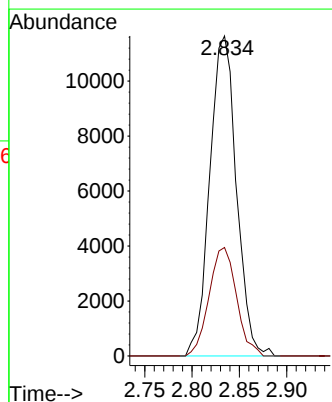
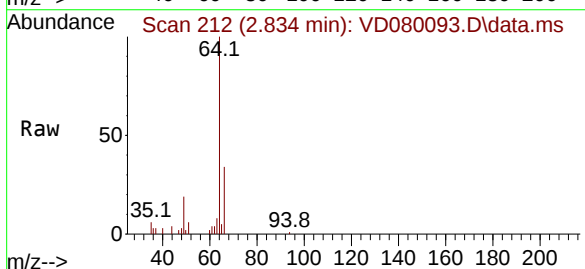
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ClientSampleId :

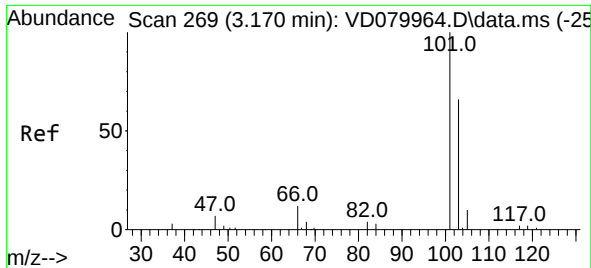
Tgt Ion: 94 Resp: 31909
Ion Ratio Lower Upper
94 100
96 92.2 76.2 114.2



#6
Chloroethane
Concen: 31.929 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 64 Resp: 22794
Ion Ratio Lower Upper
64 100
66 33.9 27.6 41.4

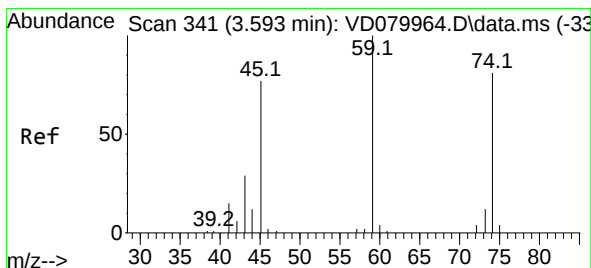
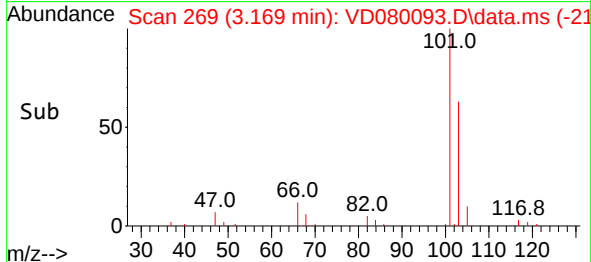
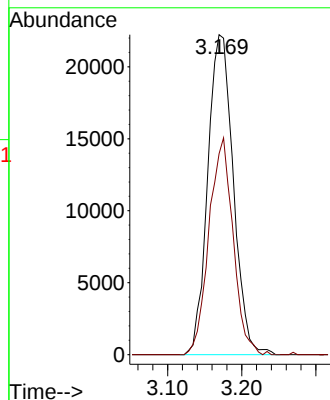
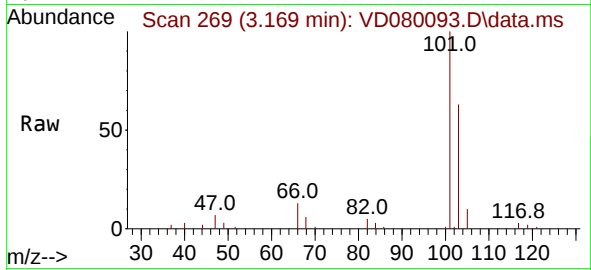




#7
 Trichlorofluoromethane
 Concen: 21.704 ug/l
 RT: 3.169 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VD080093.D
 Acq: 19 Nov 2024 19:40

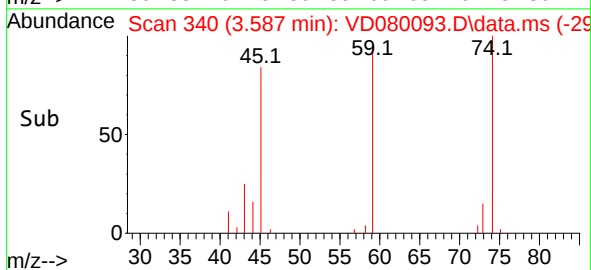
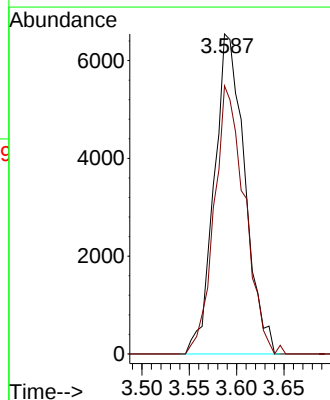
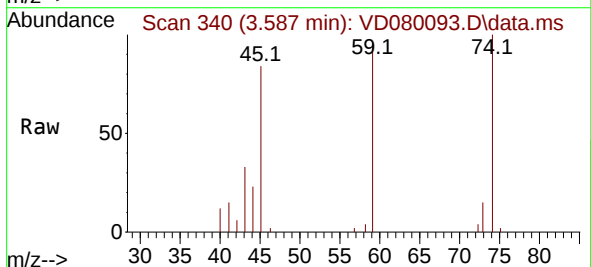
Instrument :
 MSVOA_D
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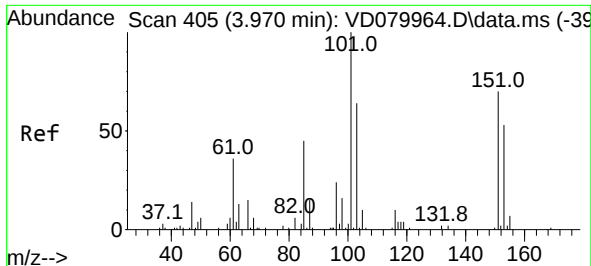
Tgt Ion:101 Resp: 53242
 Ion Ratio Lower Upper
 101 100
 103 62.8 53.0 79.6



#8
 Diethyl Ether
 Concen: 20.494 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD080093.D
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Tgt Ion: 74 Resp: 14676
 Ion Ratio Lower Upper
 74 100
 45 83.9 47.8 143.3

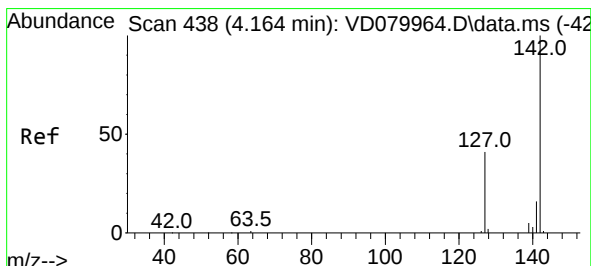
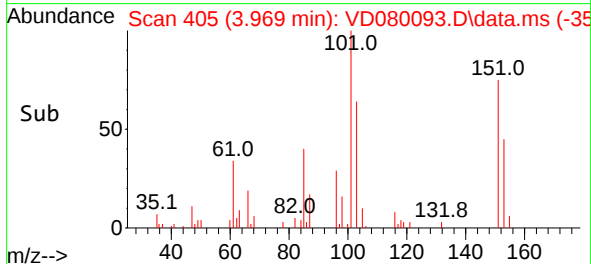
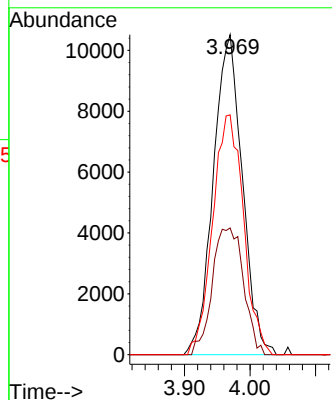
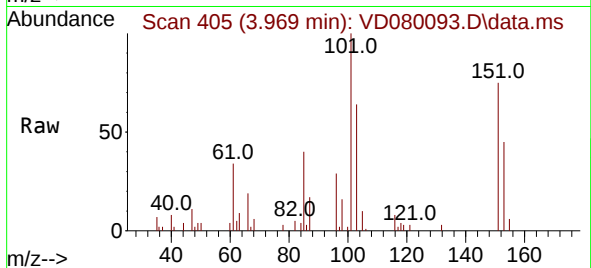




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.080 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

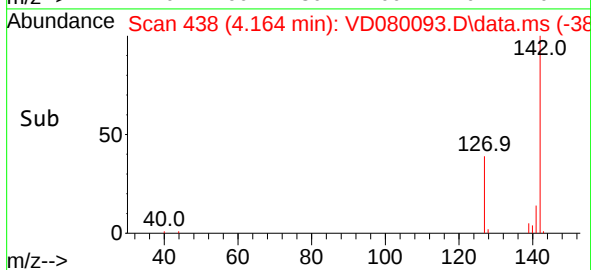
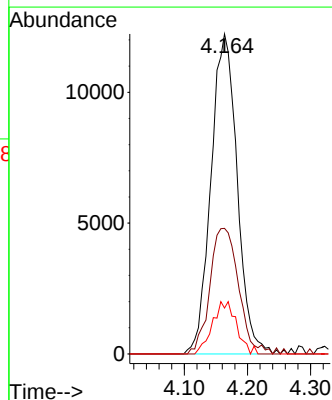
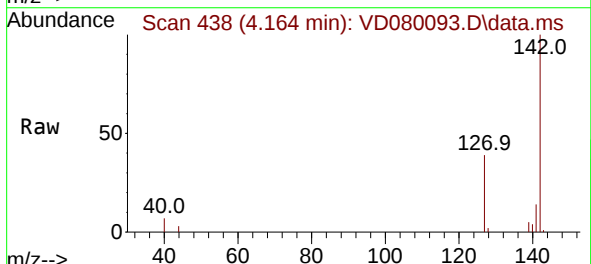
Instrument :
MSVOA_D
ClientSampleId :

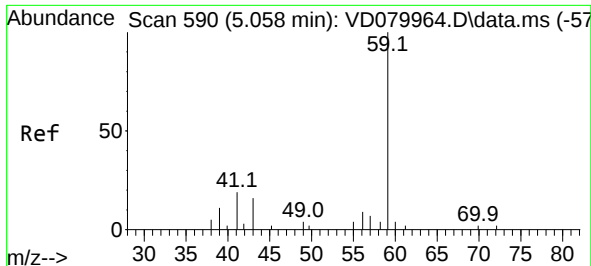
Tgt Ion:101 Resp: 32304
Ion Ratio Lower Upper
101 100
85 42.7 35.3 52.9
151 79.4 60.3 90.5



#10
Methyl Iodide
Concen: 18.598 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion:142 Resp: 35276
Ion Ratio Lower Upper
142 100
127 42.9 35.3 52.9
141 15.0 12.2 18.2

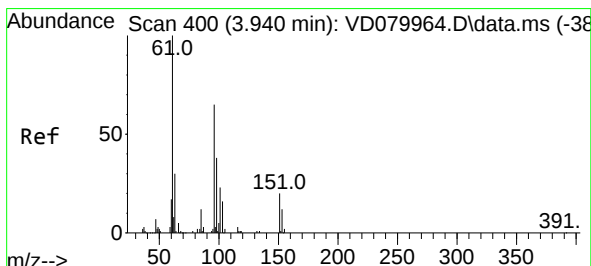
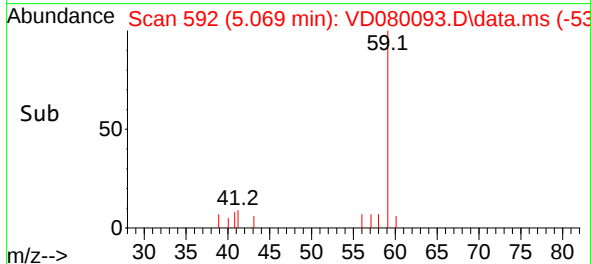
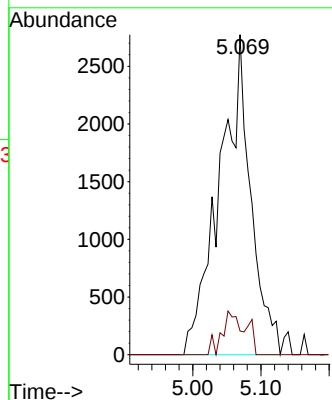
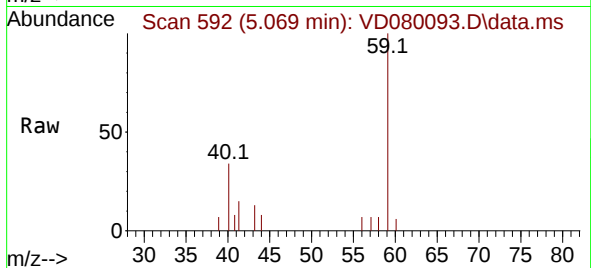




#11
Tert butyl alcohol
Concen: 110.992 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

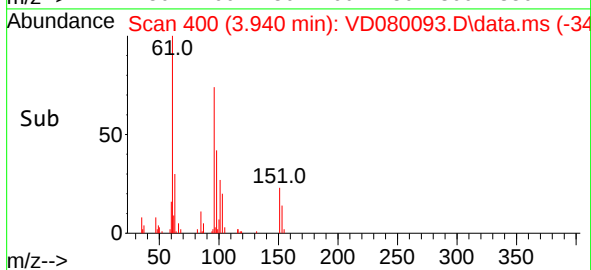
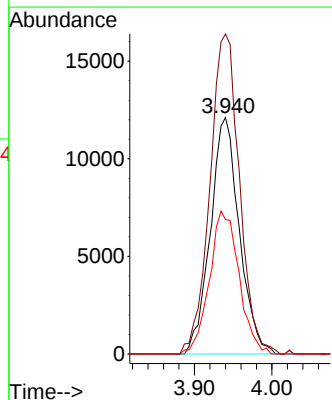
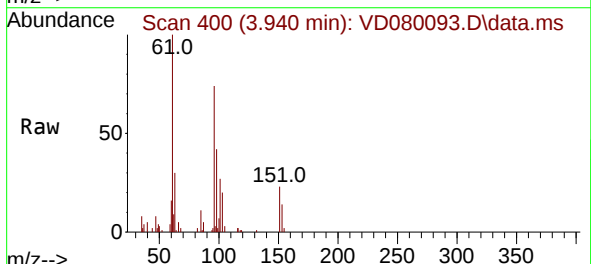
Instrument :
MSVOA_D
ClientSampleId :

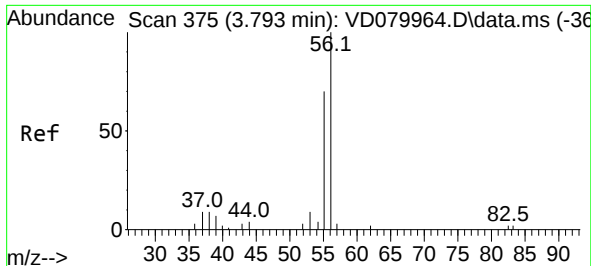
Tgt Ion: 59 Resp: 8815
Ion Ratio Lower Upper
59 100
57 7.9 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 20.425 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 96 Resp: 31371
Ion Ratio Lower Upper
96 100
61 135.3 122.6 184.0
98 56.9 47.1 70.7

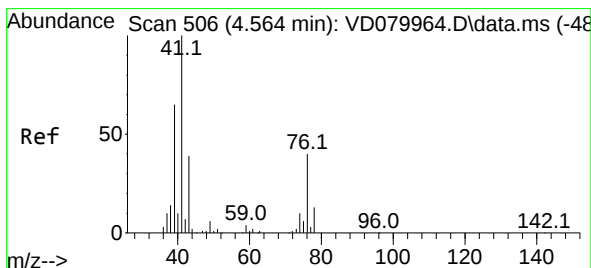
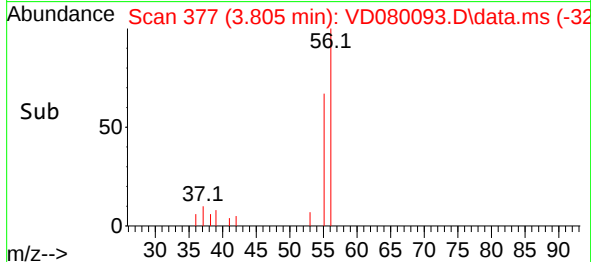
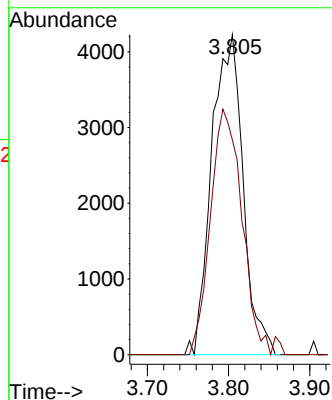
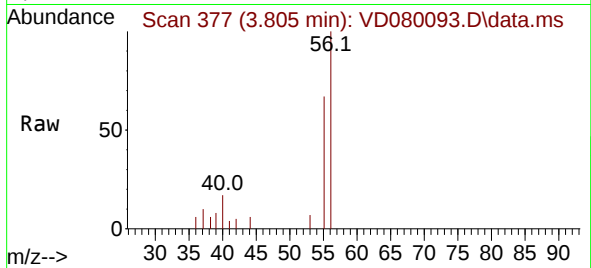




#13
Acrolein
Concen: 74.388 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

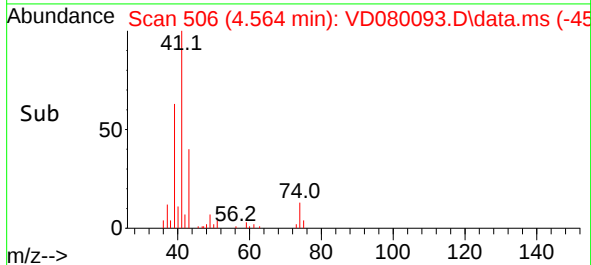
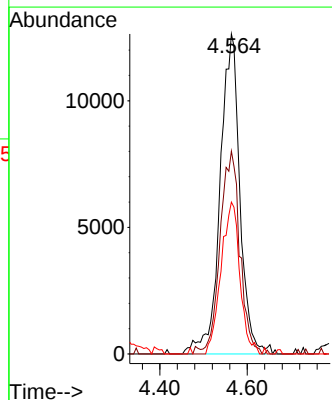
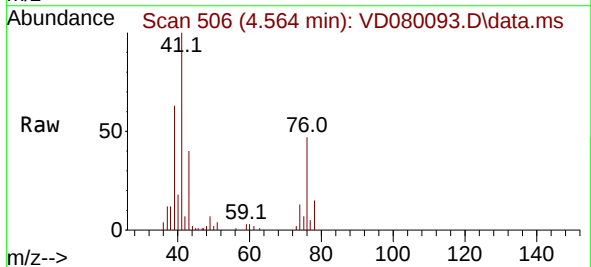
Instrument :
MSVOA_D
ClientSampleId :

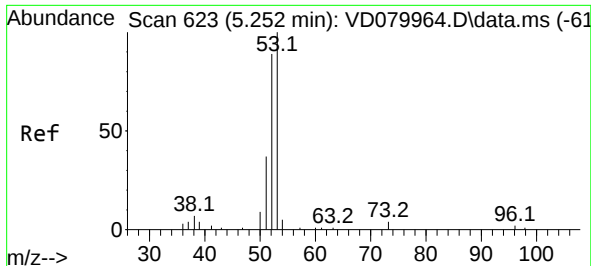
Tgt Ion: 56 Resp: 11336
Ion Ratio Lower Upper
56 100
55 76.6 58.2 87.2



#14
Allyl chloride
Concen: 18.258 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 41 Resp: 39751
Ion Ratio Lower Upper
41 100
39 62.7 53.3 79.9
76 45.0 32.0 48.0





#15

Acrylonitrile

Concen: 98.070 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD080093.D

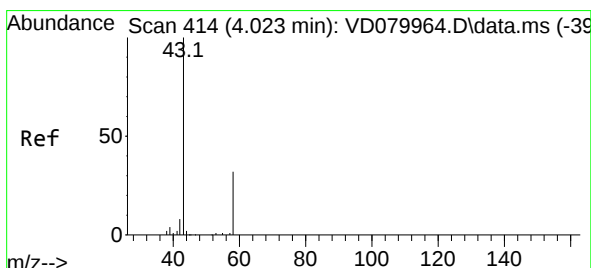
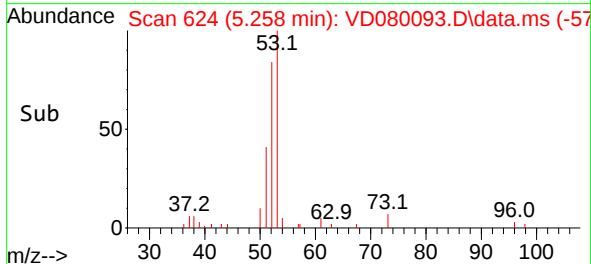
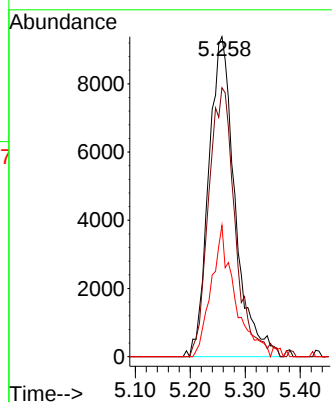
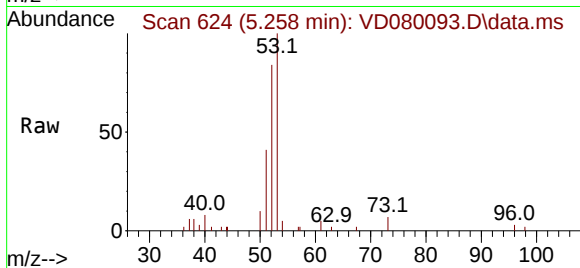
Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 53	Resp: 31199
Ion Ratio	Lower Upper
53 100	
52 84.9	66.2 99.4
51 36.8	30.3 45.5



#16

Acetone

Concen: 83.696 ug/l

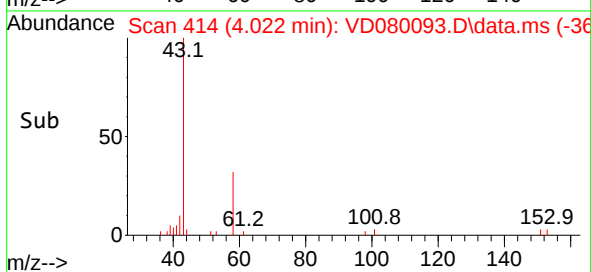
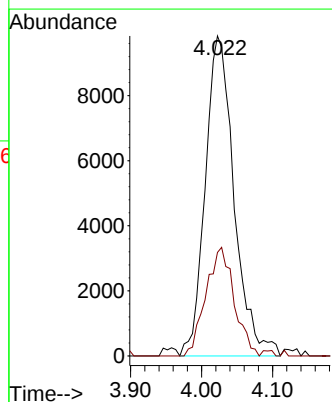
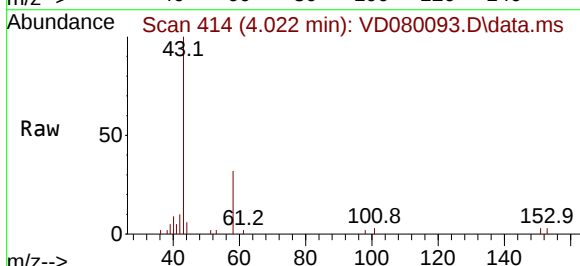
RT: 4.022 min Scan# 414

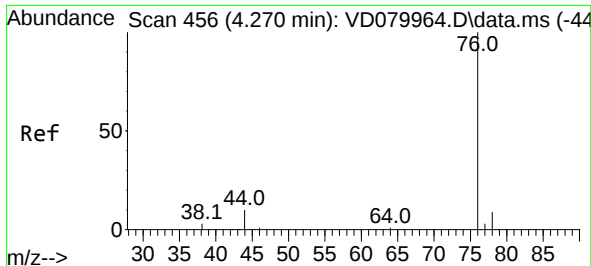
Delta R.T. -0.001 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Tgt Ion: 43	Resp: 27714
Ion Ratio	Lower Upper
43 100	
58 32.3	25.4 38.2

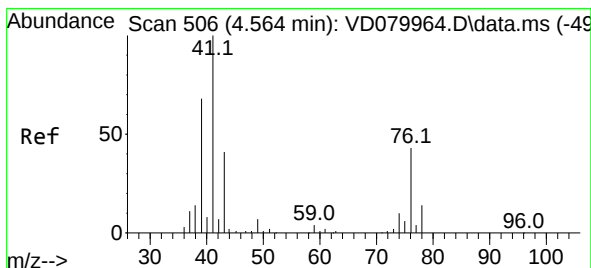
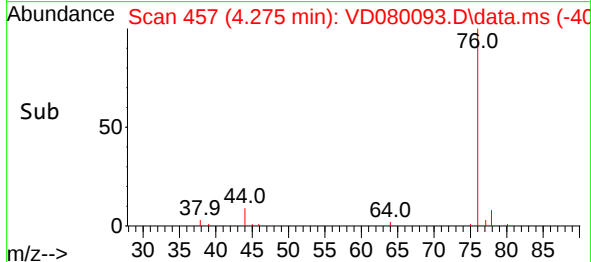
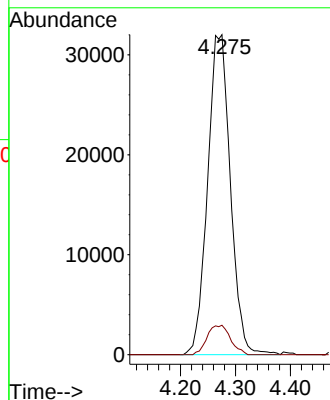
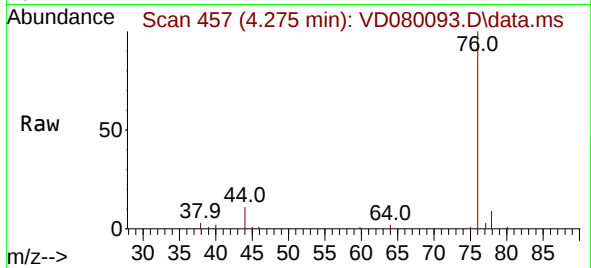




#17
Carbon Disulfide
Concen: 18.663 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.005 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

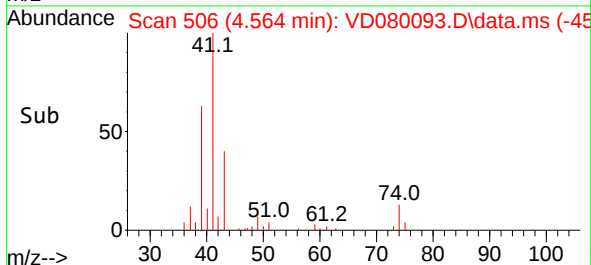
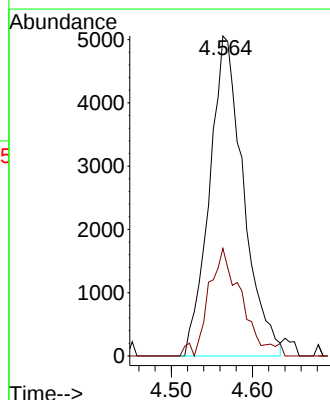
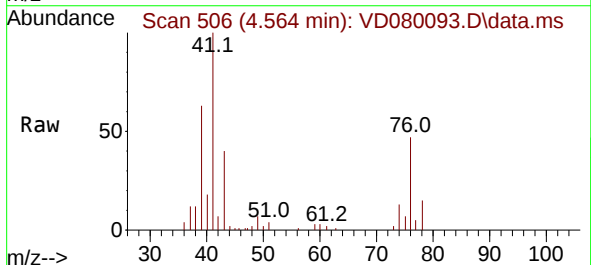
Instrument :
MSVOA_D
ClientSampleId :

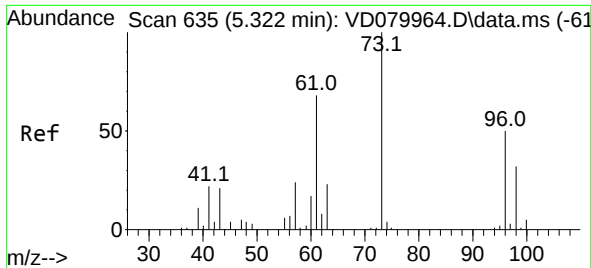
Tgt Ion: 76 Resp: 92301
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 20.032 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 43 Resp: 14711
Ion Ratio Lower Upper
43 100
74 31.4 20.5 30.7#





#19

Methyl tert-butyl Ether

Concen: 20.103 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

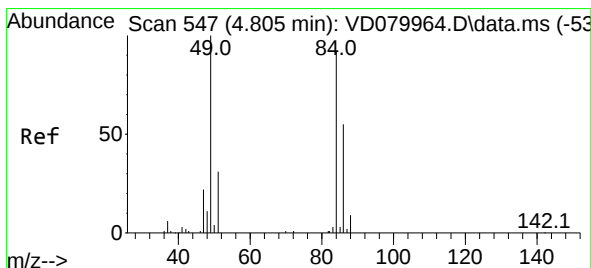
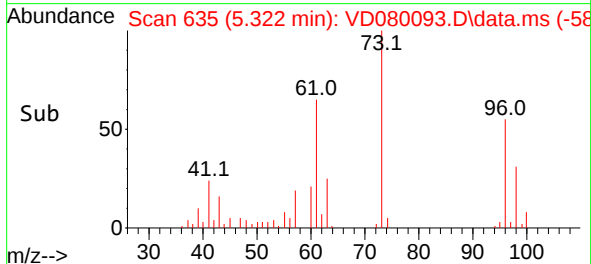
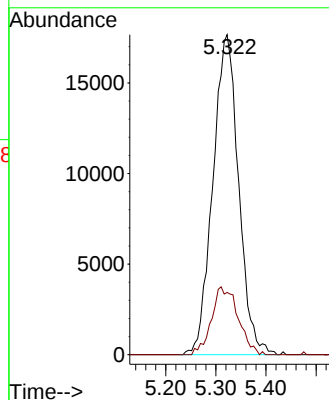
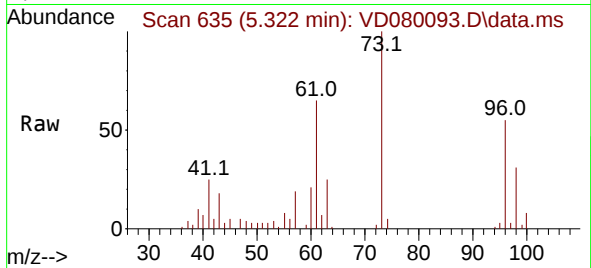
ClientSampleId :

Tgt Ion: 73 Resp: 62990

Ion Ratio Lower Upper

73 100

57 19.4 18.8 28.2



#20

Methylene Chloride

Concen: 21.382 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Tgt Ion: 84 Resp: 37971

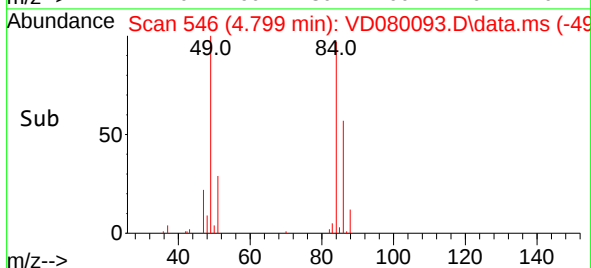
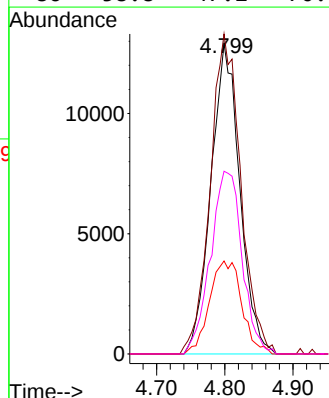
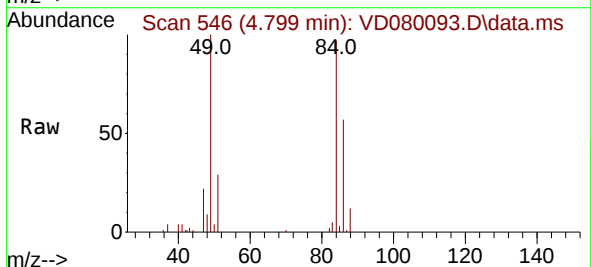
Ion Ratio Lower Upper

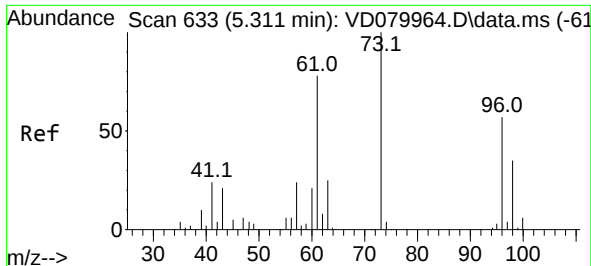
84 100

49 102.9 86.5 129.7

51 29.9 26.9 40.3

86 58.8 47.2 70.8





#21

trans-1,2-Dichloroethene

Concen: 20.898 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.005 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

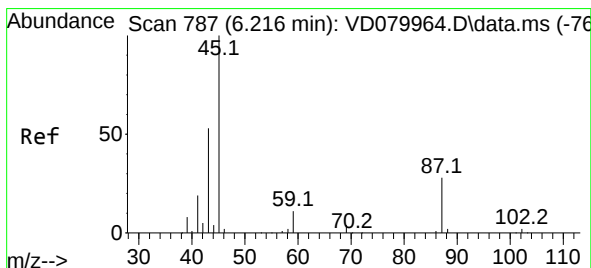
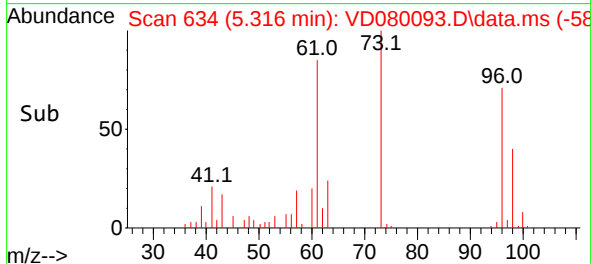
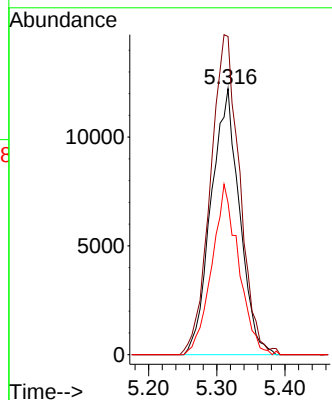
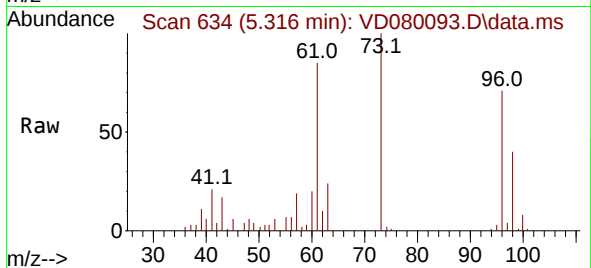
Tgt Ion: 96 Resp: 35484

Ion Ratio Lower Upper

96 100

61 119.6 109.4 164.0

98 57.1 49.8 74.8



#22

Diisopropyl ether

Concen: 20.129 ug/l

RT: 6.210 min Scan# 786

Delta R.T. -0.006 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Tgt Ion: 45 Resp: 88745

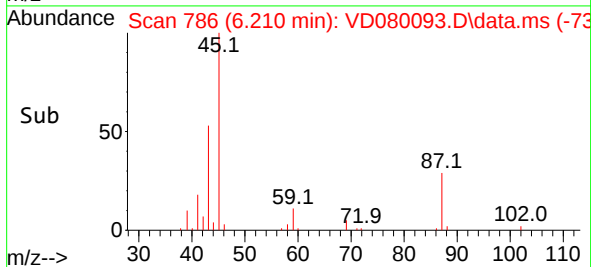
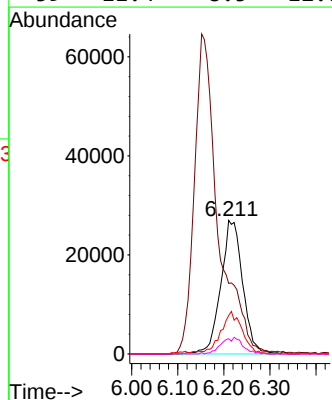
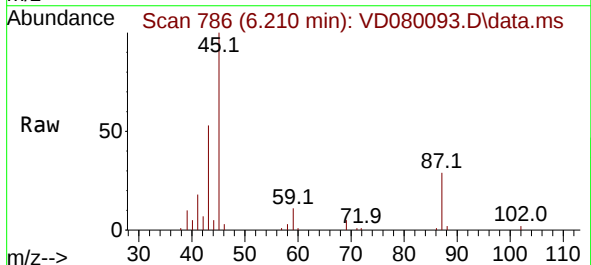
Ion Ratio Lower Upper

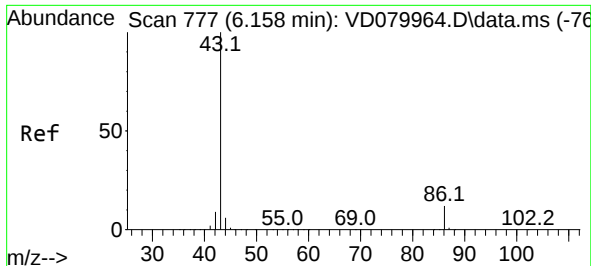
45 100

43 51.3 42.6 63.8

87 28.8 22.7 34.1

59 11.4 8.5 12.7

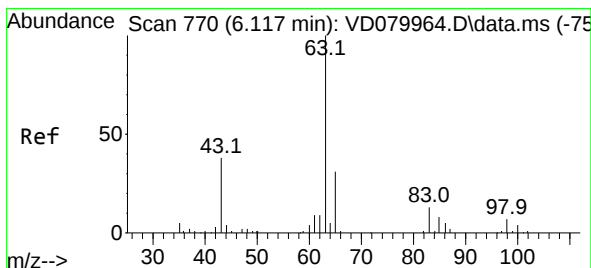
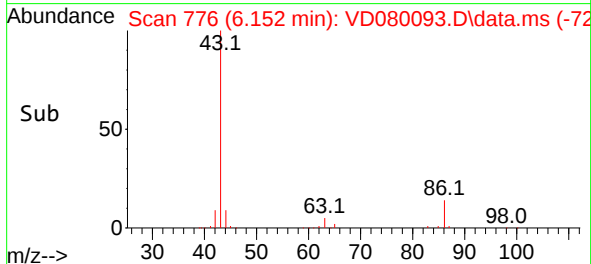
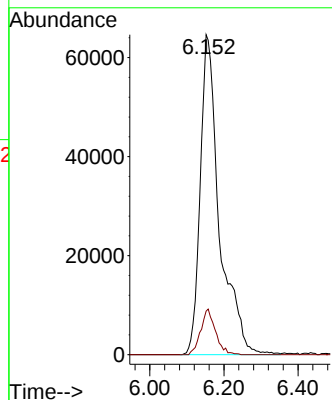
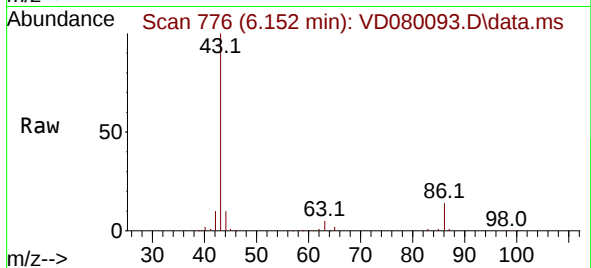




#23
 Vinyl Acetate
 Concen: 92.066 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD080093.D
 Acq: 19 Nov 2024 19:40

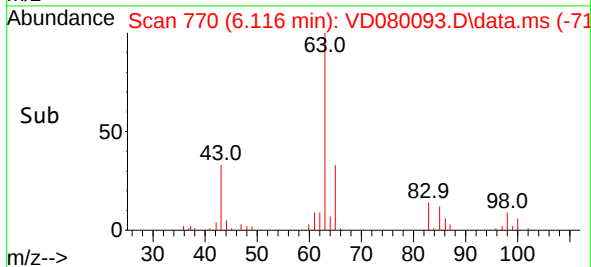
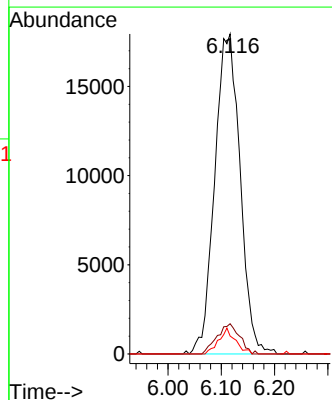
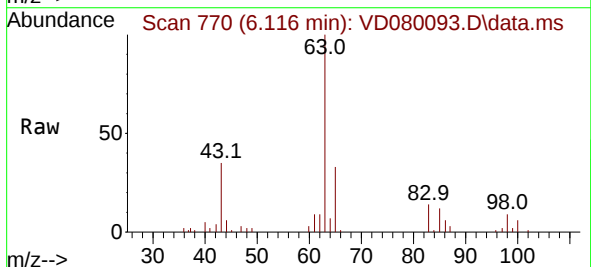
Instrument :
 MSVOA_D
 ClientSampleId :

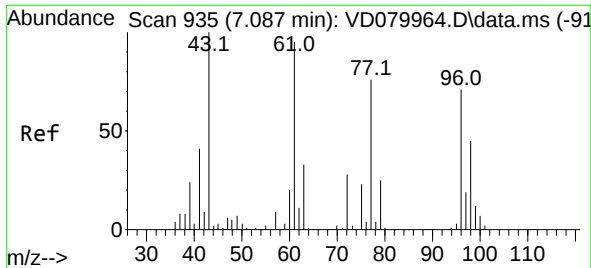
Tgt Ion: 43 Resp: 232548
 Ion Ratio Lower Upper
 43 100
 86 13.6 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 20.263 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: VD080093.D
 Acq: 19 Nov 2024 19:40

Tgt Ion: 63 Resp: 59415
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.5 10.6
 100 5.6 2.1 6.5

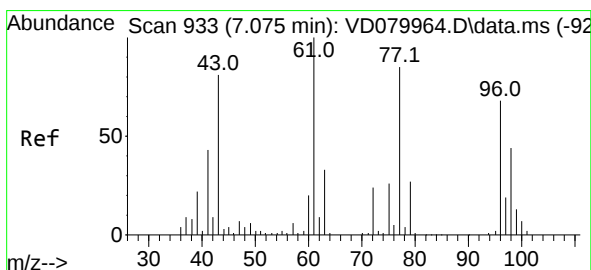
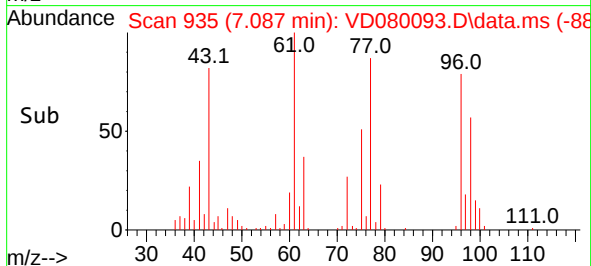
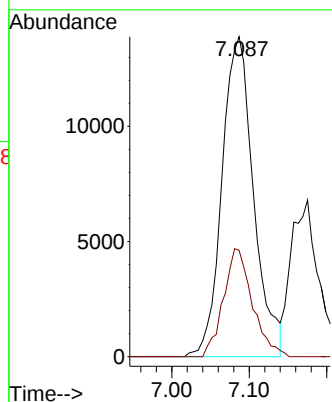
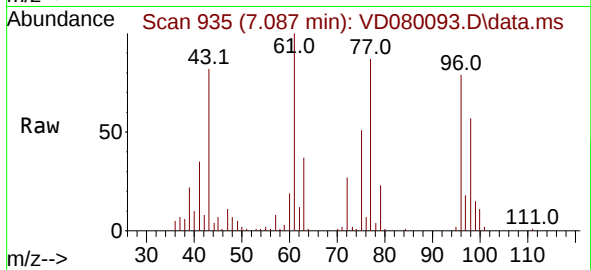




#25
2-Butanone
Concen: 91.117 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

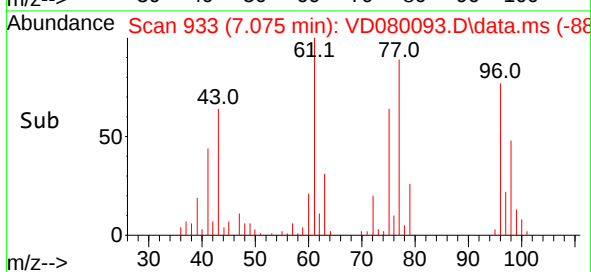
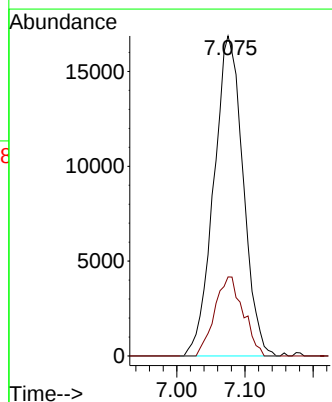
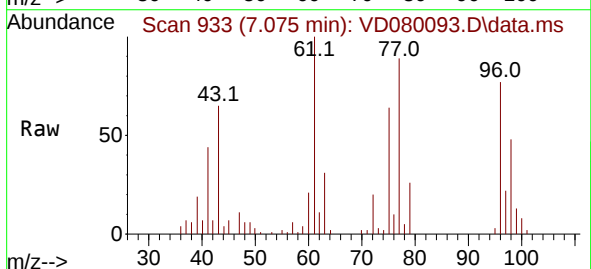
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 39427
Ion Ratio Lower Upper
43 100
72 33.3 22.3 33.5



#26
2,2-Dichloropropane
Concen: 19.788 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 77 Resp: 50435
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 20.445 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

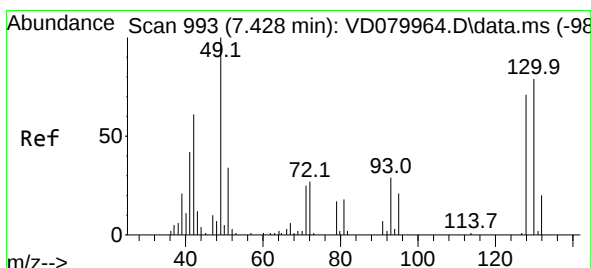
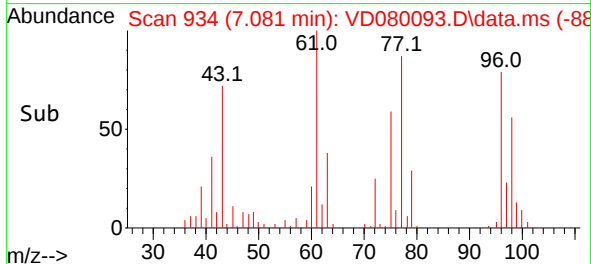
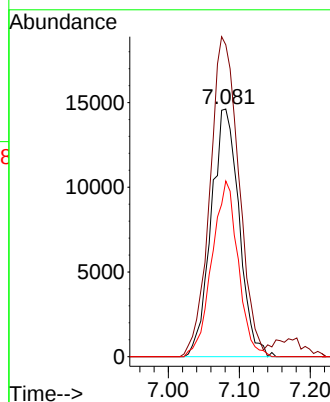
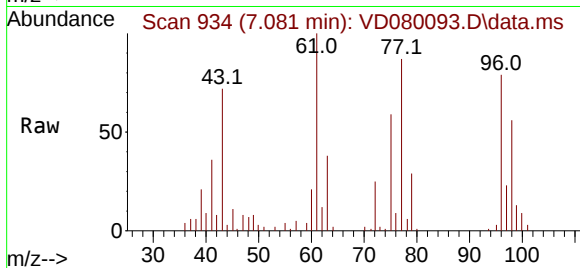
Tgt Ion: 96 Resp: 39837

Ion Ratio Lower Upper

96 100

61 134.3 0.0 278.2

98 66.7 0.0 127.8



#28

Bromochloromethane

Concen: 19.107 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

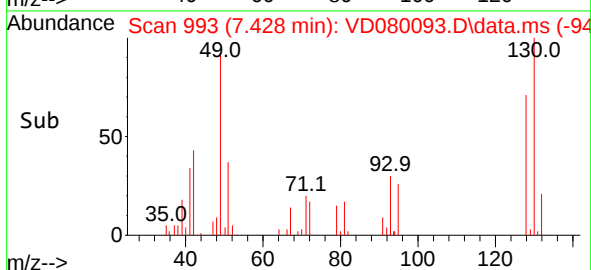
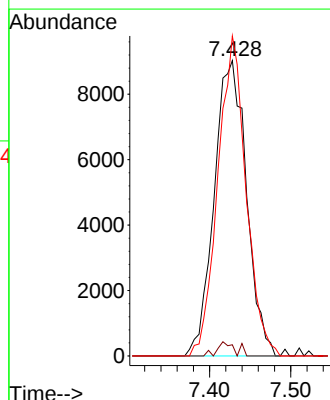
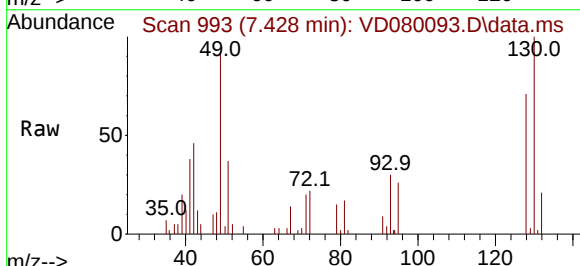
Tgt Ion: 49 Resp: 24933

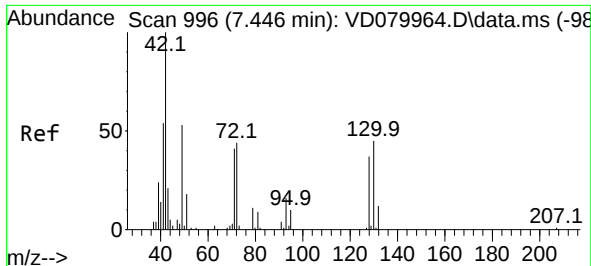
Ion Ratio Lower Upper

49 100

129 2.7 0.0 2.2#

130 94.5 64.6 97.0





#29

Tetrahydrofuran

Concen: 95.184 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

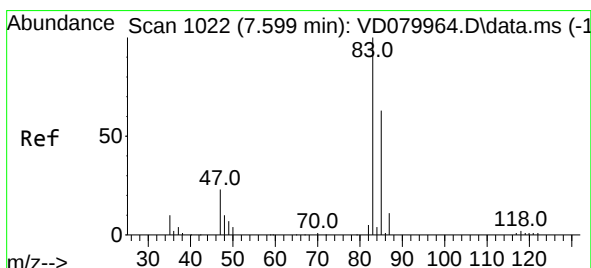
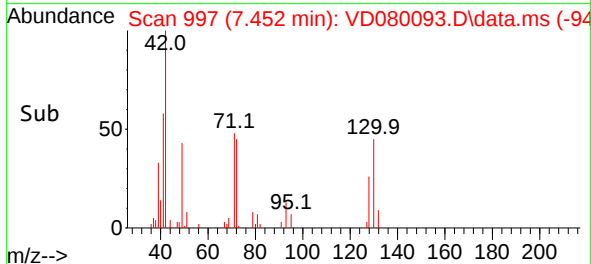
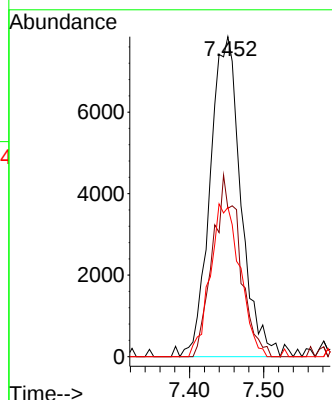
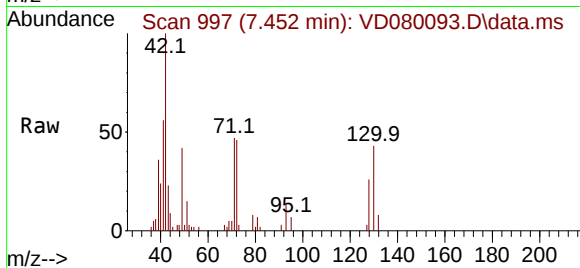
Tgt Ion: 42 Resp: 22561

Ion Ratio Lower Upper

42 100

72 50.5 36.7 55.1

71 46.4 34.4 51.6



#30

Chloroform

Concen: 22.383 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD080093.D

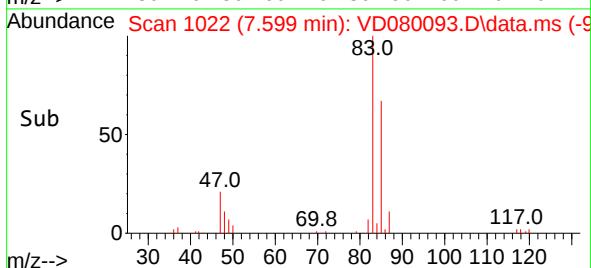
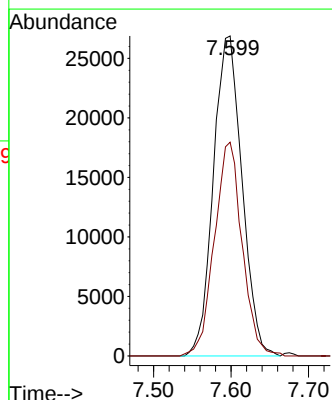
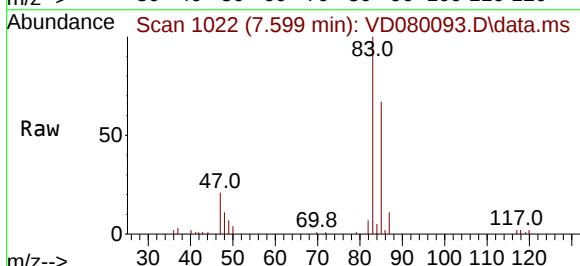
Acq: 19 Nov 2024 19:40

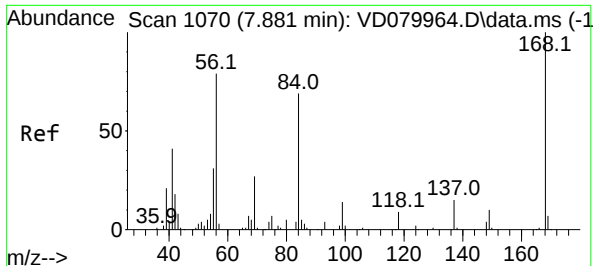
Tgt Ion: 83 Resp: 69145

Ion Ratio Lower Upper

83 100

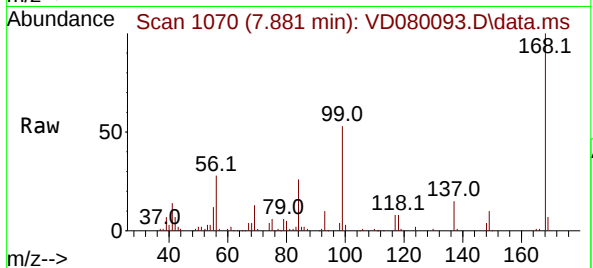
85 66.8 50.8 76.2



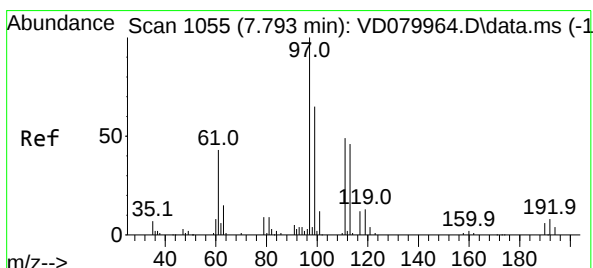
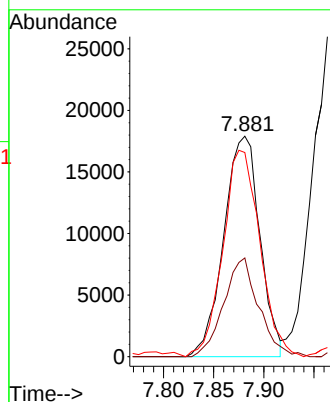
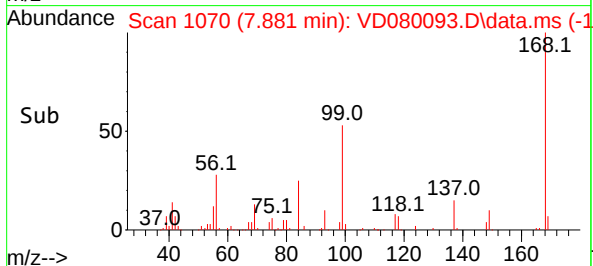


#31
Cyclohexane
Concen: 18.045 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

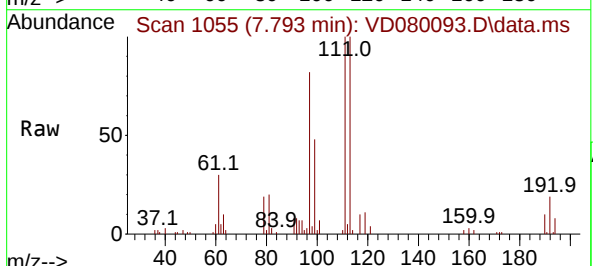
Instrument :
MSVOA_D
ClientSampleId :



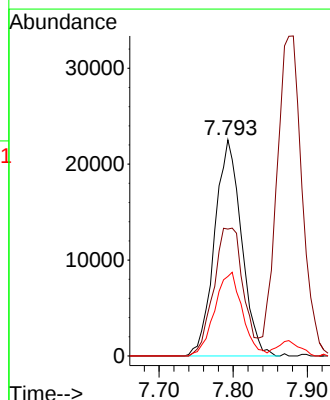
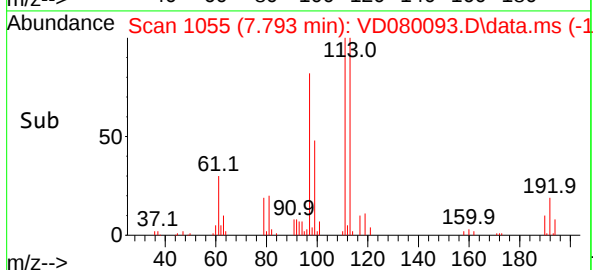
Tgt Ion: 56 Resp: 44846
Ion Ratio Lower Upper
56 100
69 44.8 27.3 40.9#
84 91.6 70.2 105.4

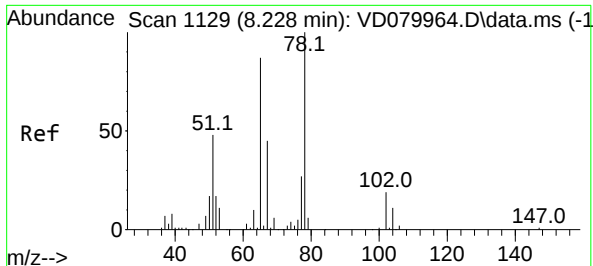


#32
1,1,1-Trichloroethane
Concen: 21.486 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40



Tgt Ion: 97 Resp: 56801
Ion Ratio Lower Upper
97 100
99 65.0 50.7 76.1
61 39.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 56.274 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

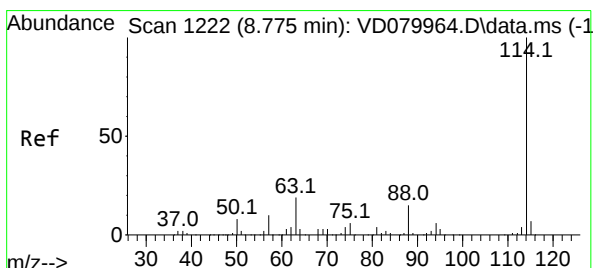
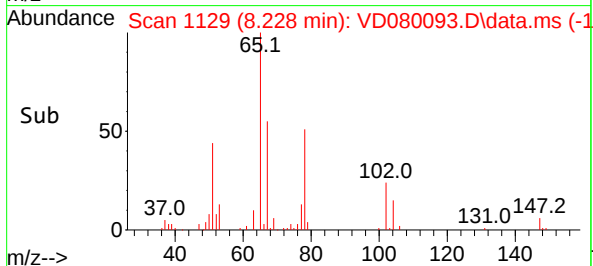
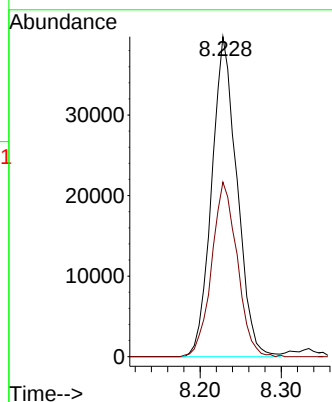
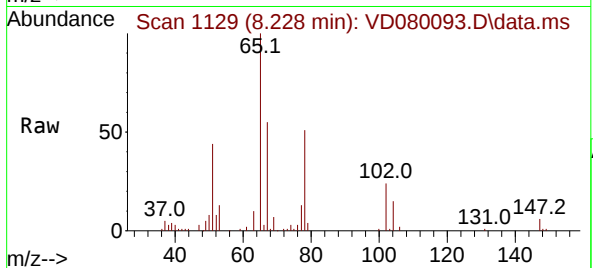
ClientSampleId :

Tgt Ion: 65 Resp: 85882

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

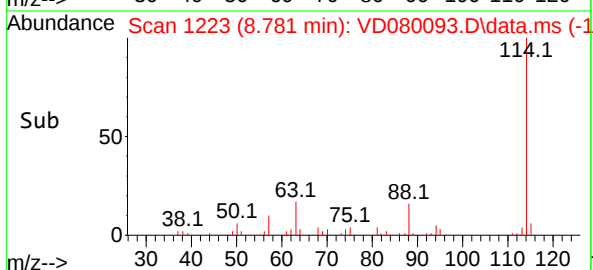
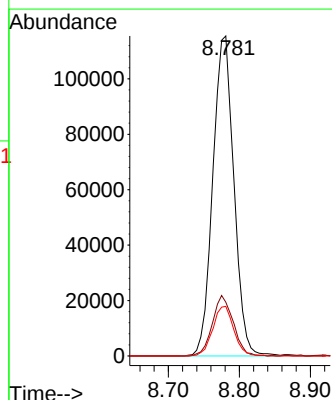
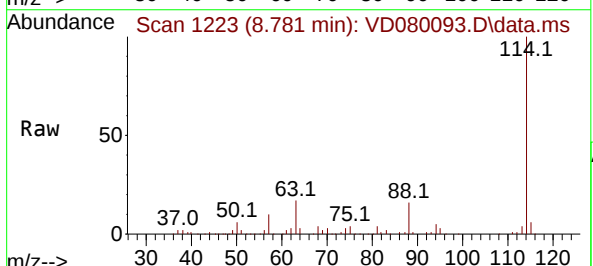
Tgt Ion: 114 Resp: 237634

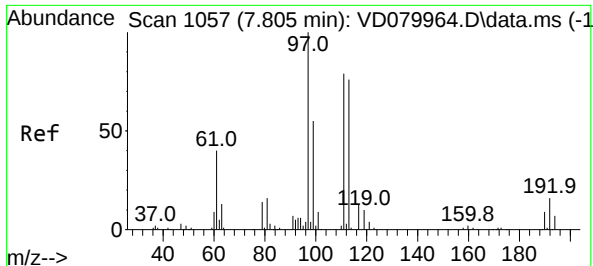
Ion Ratio Lower Upper

114 100

63 16.8 0.0 38.8

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 58.591 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

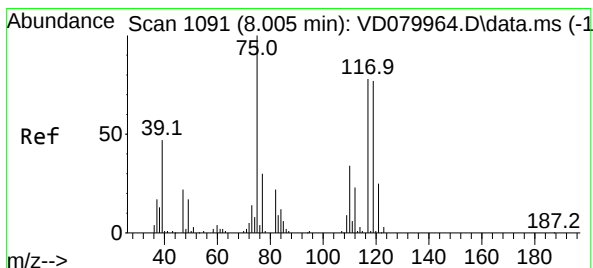
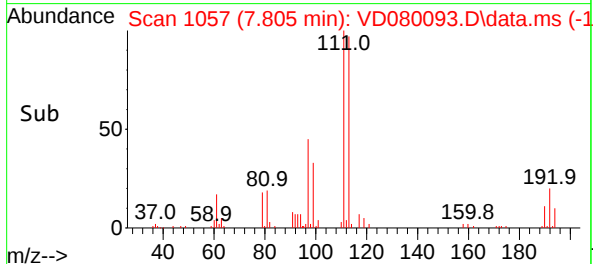
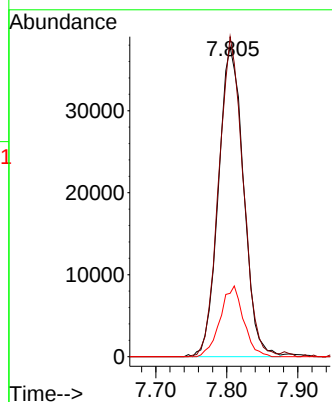
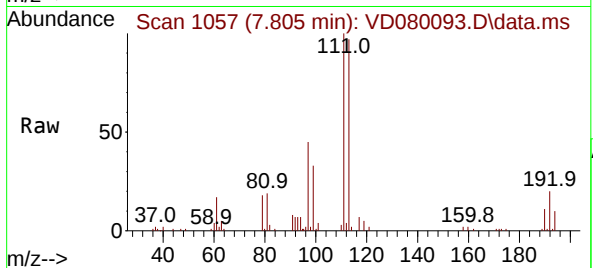
Tgt Ion:113 Resp: 92663

Ion Ratio Lower Upper

113 100

111 100.3 82.5 123.7

192 21.3 16.6 25.0



#36

1,1-Dichloropropene

Concen: 19.649 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.005 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

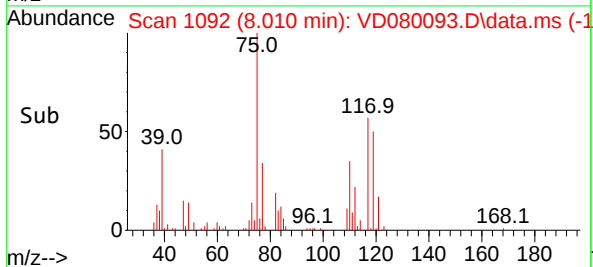
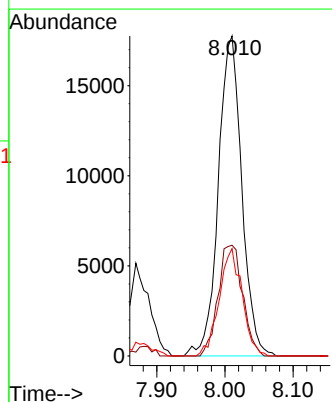
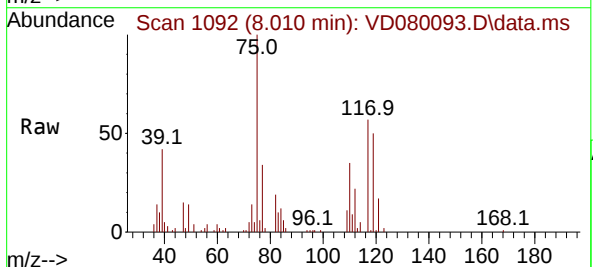
Tgt Ion: 75 Resp: 42492

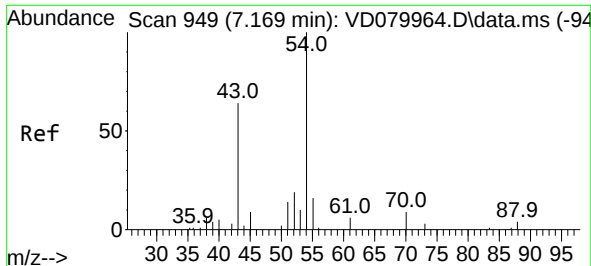
Ion Ratio Lower Upper

75 100

110 36.3 18.4 55.0

77 32.9 25.6 38.4





#37

Ethyl Acetate

Concen: 18.897 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

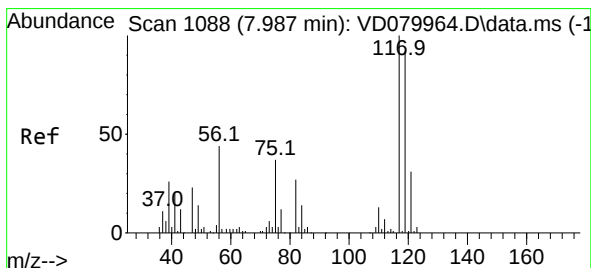
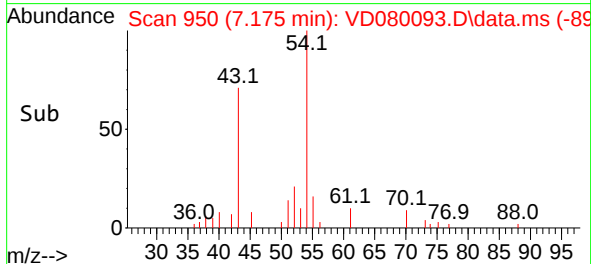
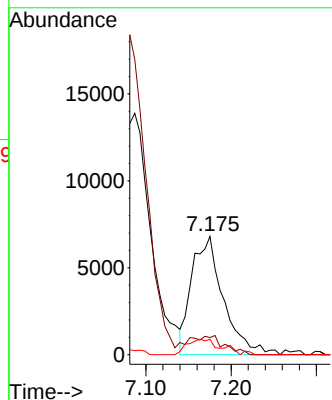
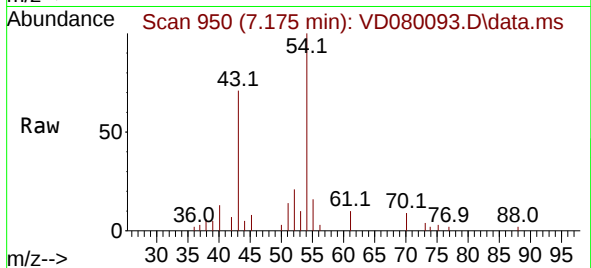
Tgt Ion: 43 Resp: 17565

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 11.1 9.4 14.2



#38

Carbon Tetrachloride

Concen: 21.184 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

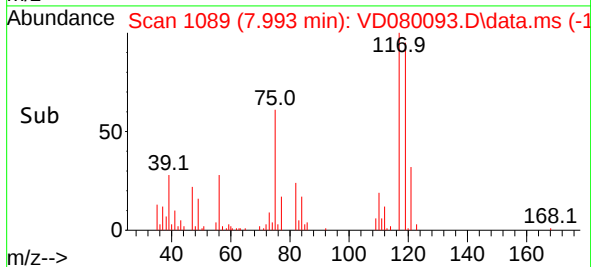
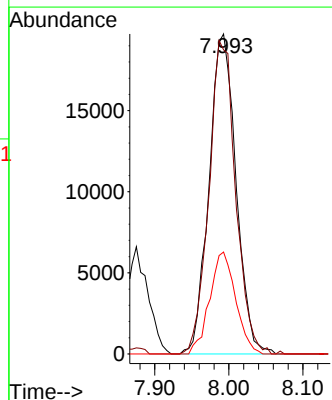
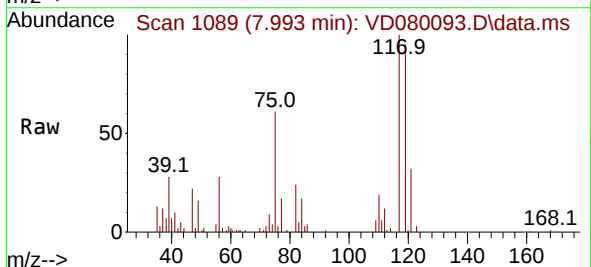
Tgt Ion: 117 Resp: 50052

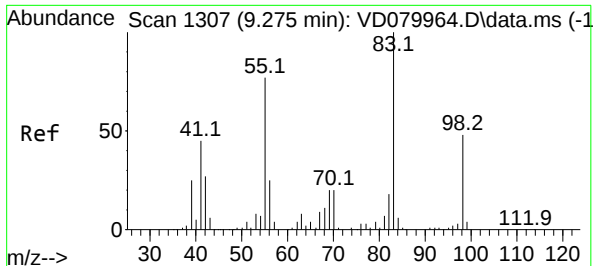
Ion Ratio Lower Upper

117 100

119 95.1 73.4 110.0

121 31.8 24.5 36.7





#39

Methylcyclohexane

Concen: 17.882 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

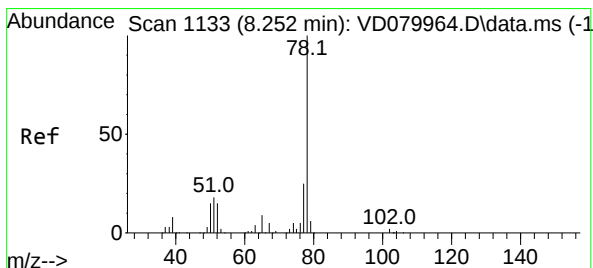
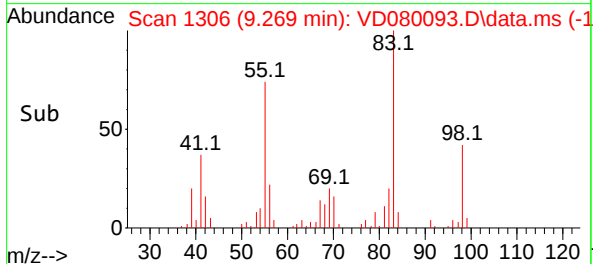
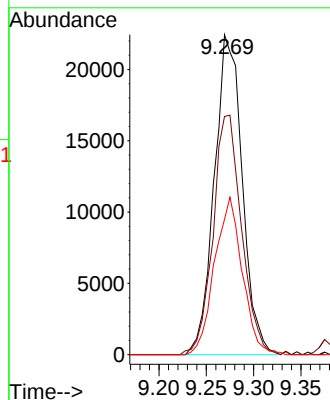
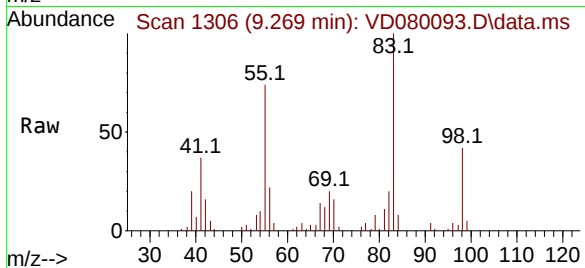
Tgt Ion: 83 Resp: 46042

Ion Ratio Lower Upper

83 100

55 74.4 62.0 93.0

98 42.3 38.7 58.1



#40

Benzene

Concen: 21.329 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD080093.D

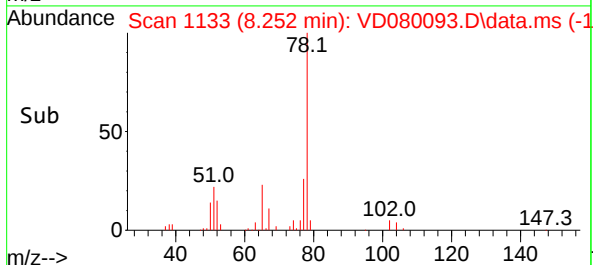
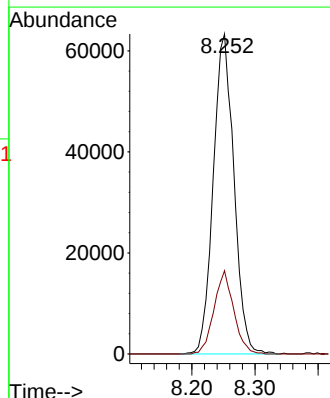
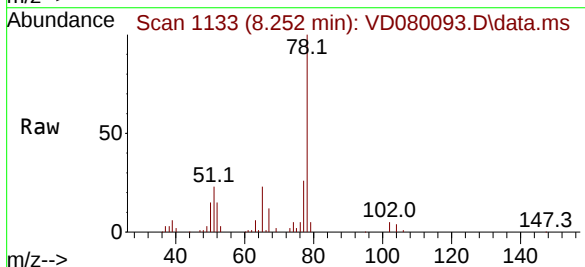
Acq: 19 Nov 2024 19:40

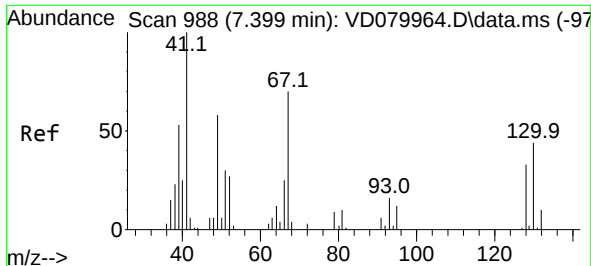
Tgt Ion: 78 Resp: 143776

Ion Ratio Lower Upper

78 100

77 26.0 20.2 30.4

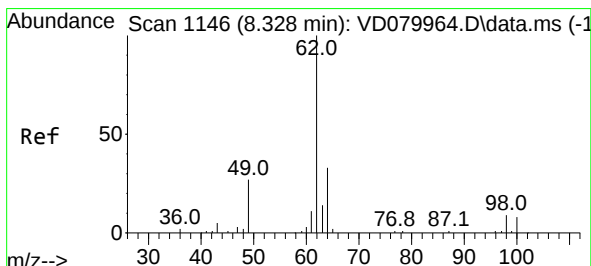
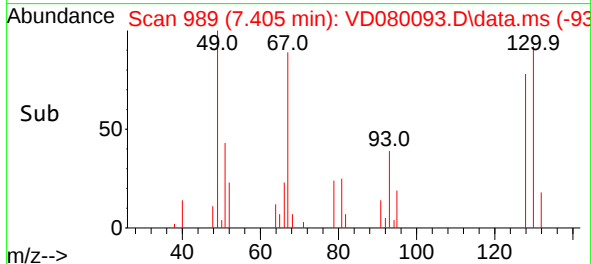
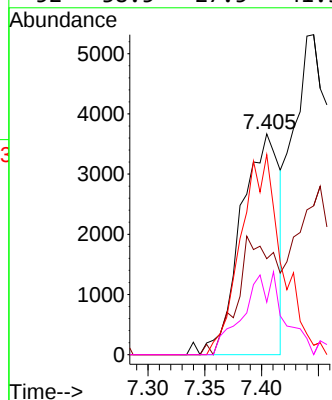
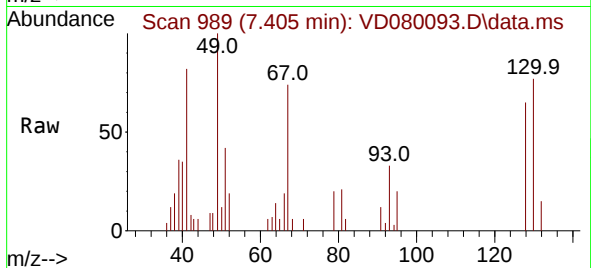




#41
Methacrylonitrile
Concen: 17.317 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

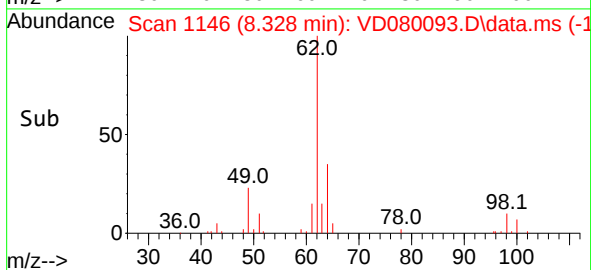
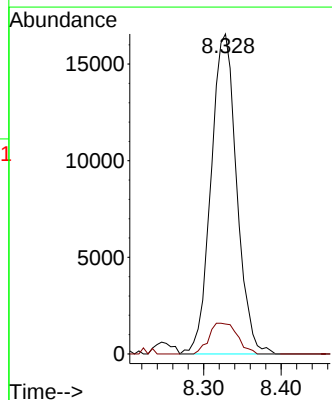
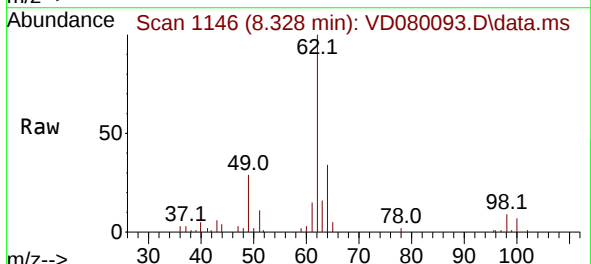
Instrument :
MSVOA_D
ClientSampleId :

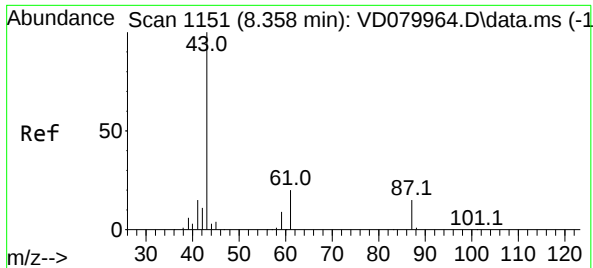
Tgt Ion: 41 Resp: 8687
Ion Ratio Lower Upper
41 100
39 0.0 47.8 71.8#
67 96.1 64.9 97.3
52 38.5 27.5 41.3



#42
1,2-Dichloroethane
Concen: 21.858 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 62 Resp: 38131
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.8

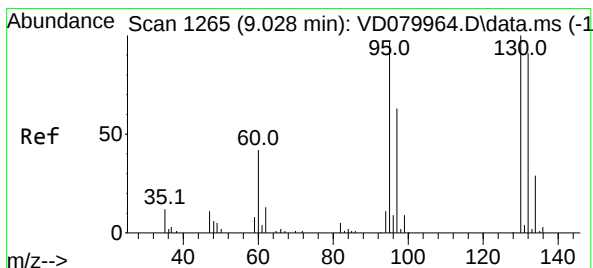
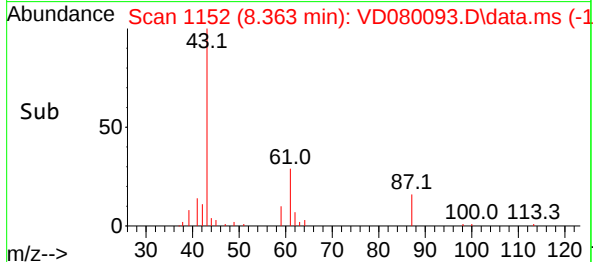
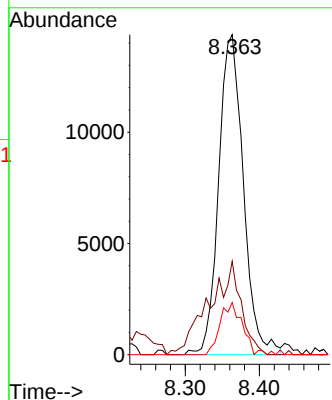
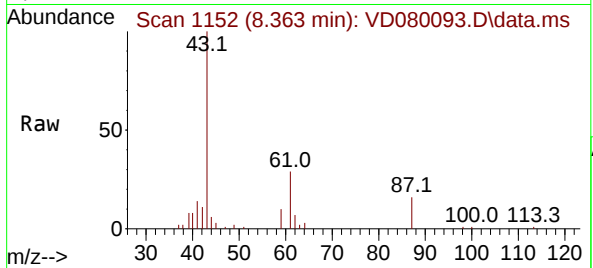




#43
Isopropyl Acetate
Concen: 19.755 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.005 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

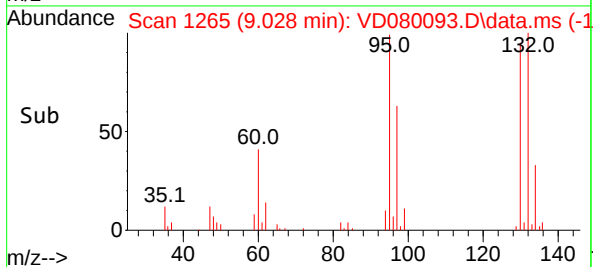
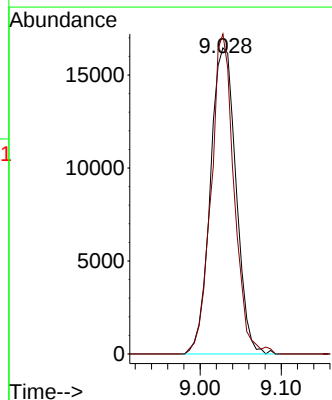
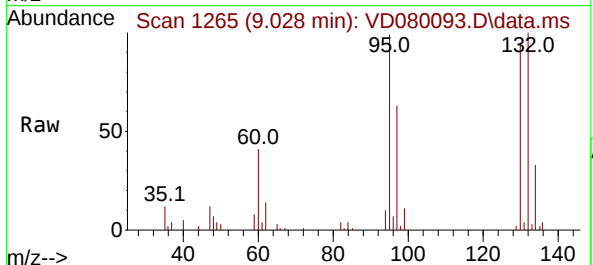
Instrument :
MSVOA_D
ClientSampleId :

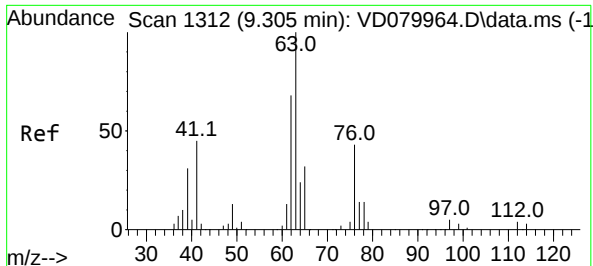
Tgt Ion: 43 Resp: 33288
Ion Ratio Lower Upper
43 100
61 37.7 26.2 39.2
87 14.7 11.8 17.8



#44
Trichloroethene
Concen: 20.716 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion:130 Resp: 36134
Ion Ratio Lower Upper
130 100
95 104.6 0.0 194.6





#45

1,2-Dichloropropane

Concen: 21.362 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

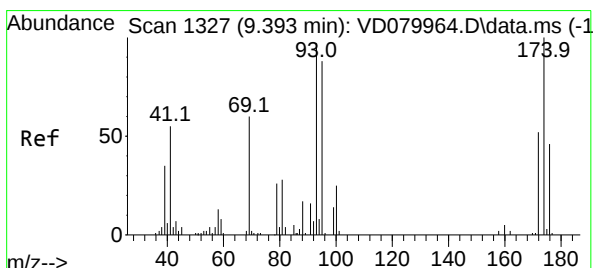
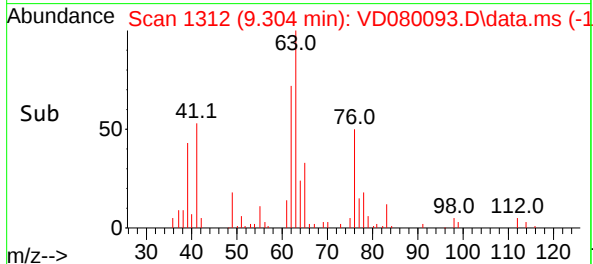
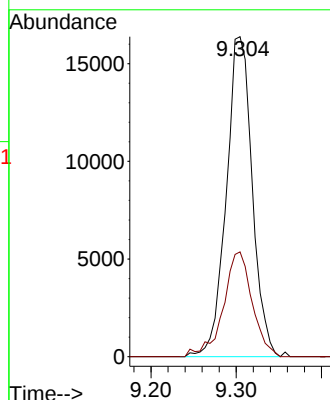
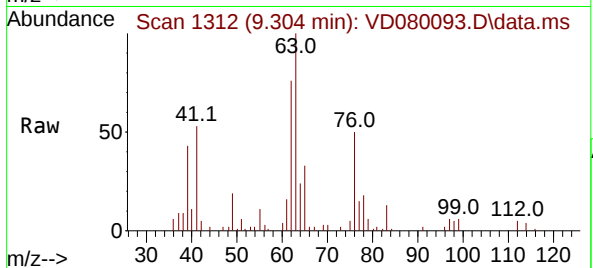
ClientSampleId :

Tgt Ion: 63 Resp: 34605

Ion Ratio Lower Upper

63 100

65 32.8 26.2 39.4



#46

Dibromomethane

Concen: 21.513 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

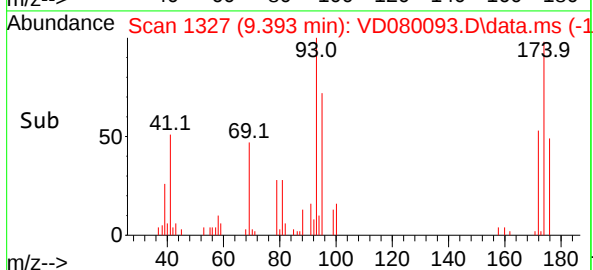
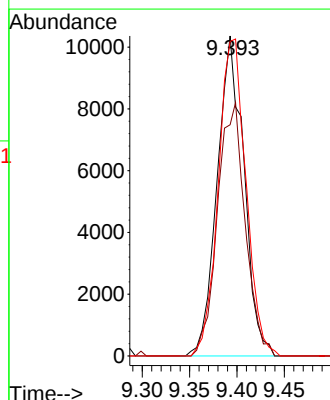
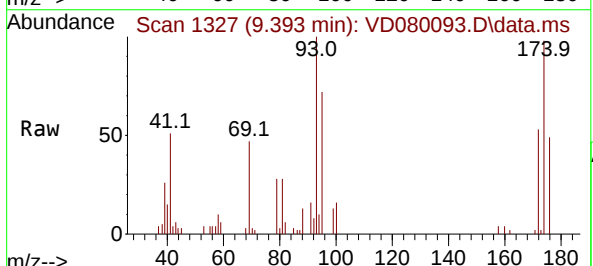
Tgt Ion: 93 Resp: 20270

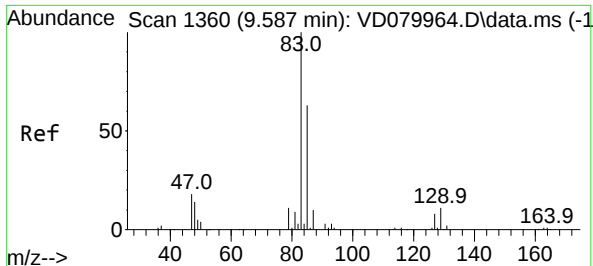
Ion Ratio Lower Upper

93 100

95 82.3 67.9 101.9

174 102.7 80.5 120.7





#47

Bromodichloromethane

Concen: 21.885 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080093.D

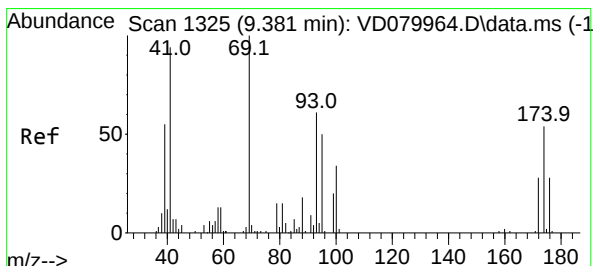
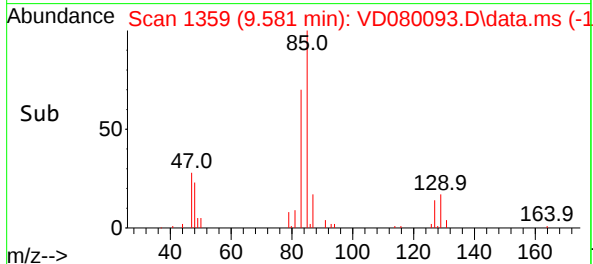
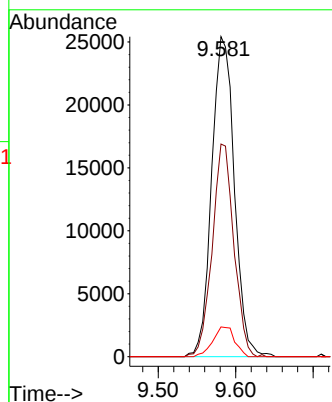
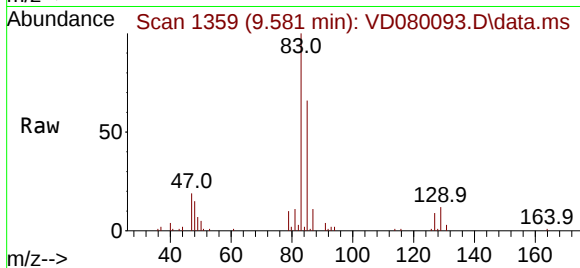
Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 51615
Ion Ratio	Lower Upper
83	100
85	66.5 50.6 75.8
127	9.3 6.1 9.1#



#48

Methyl methacrylate

Concen: 18.279 ug/l

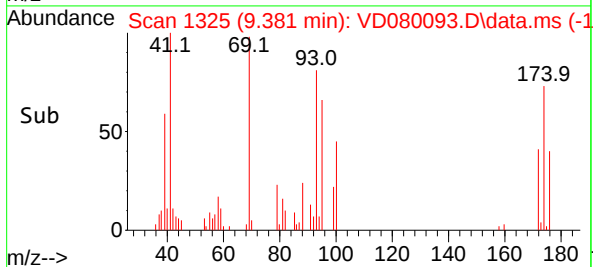
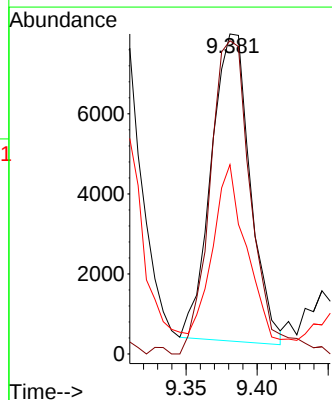
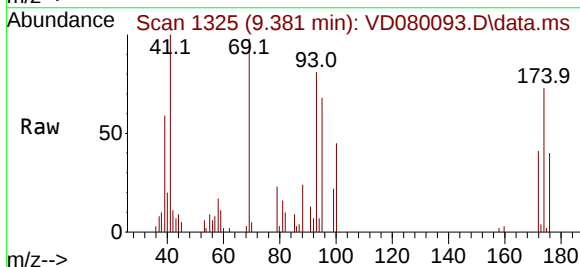
RT: 9.381 min Scan# 1325

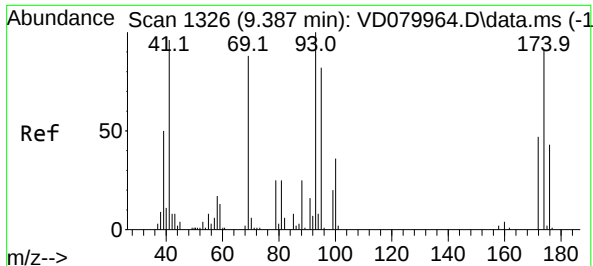
Delta R.T. -0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Tgt Ion: 41	Resp: 14704
Ion Ratio	Lower Upper
41	100
69	107.7 74.0 111.0
39	58.9 41.9 62.9





#49

1,4-Dioxane

Concen: 456.647 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

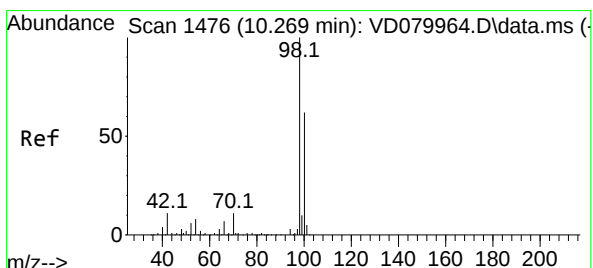
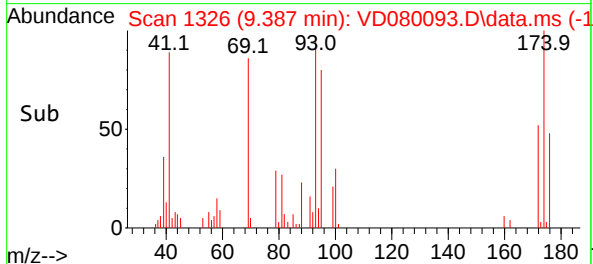
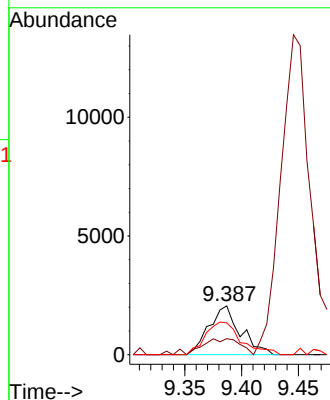
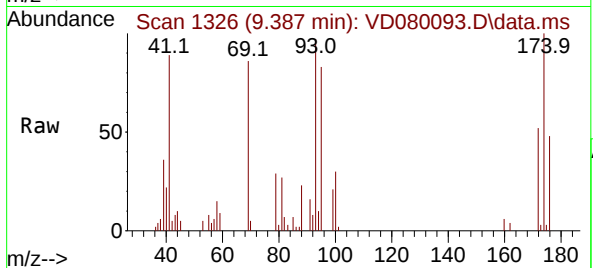
Tgt Ion: 88 Resp: 3947

Ion Ratio Lower Upper

88 100

43 41.4 29.1 43.7

58 75.9 59.9 89.9



#50

Toluene-d8

Concen: 56.761 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080093.D

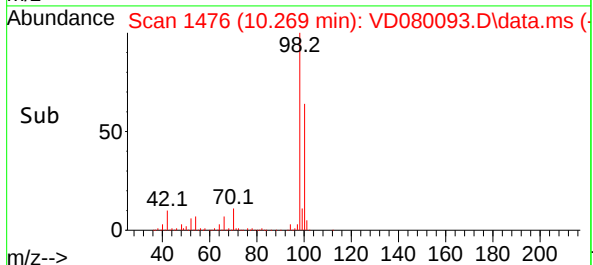
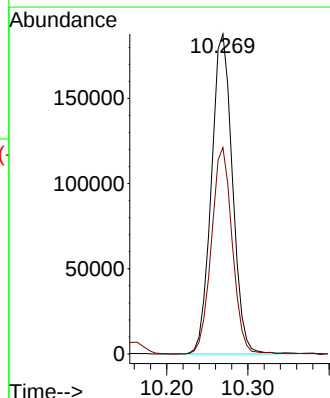
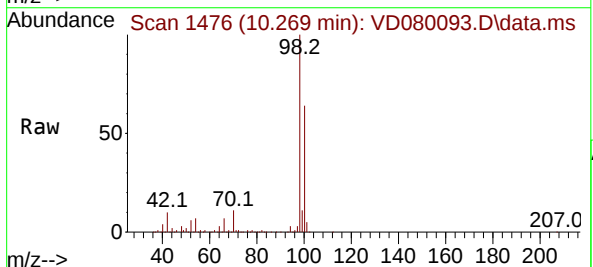
Acq: 19 Nov 2024 19:40

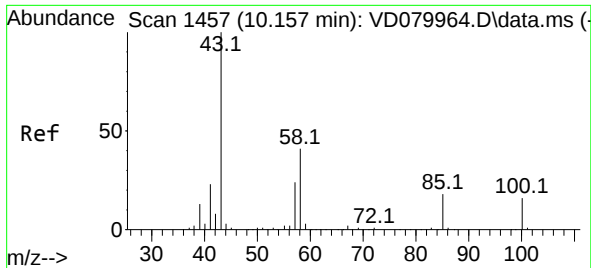
Tgt Ion: 98 Resp: 338337

Ion Ratio Lower Upper

98 100

100 64.1 50.2 75.4

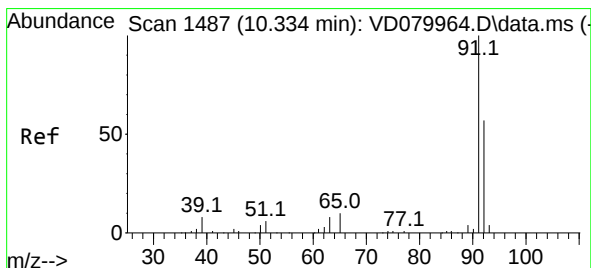
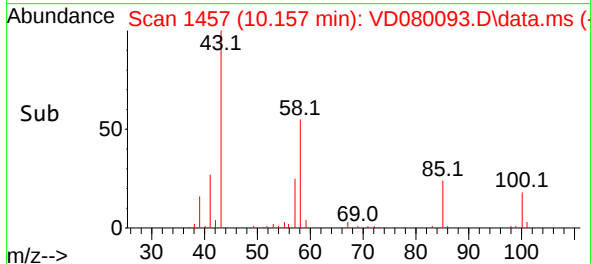
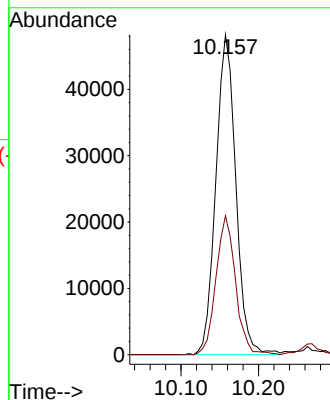
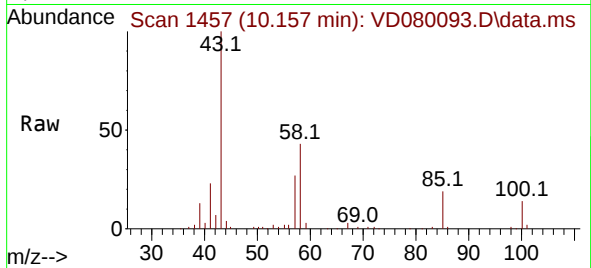




#51
4-Methyl-2-Pentanone
Concen: 101.114 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

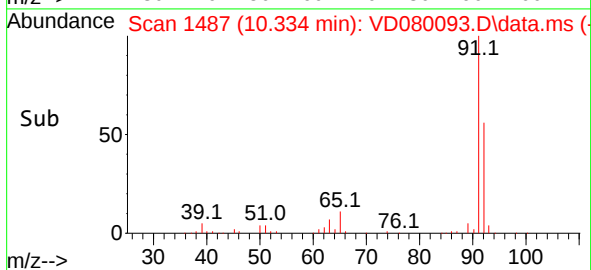
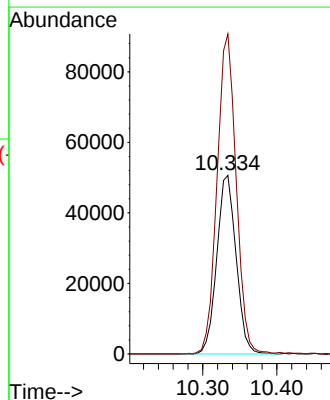
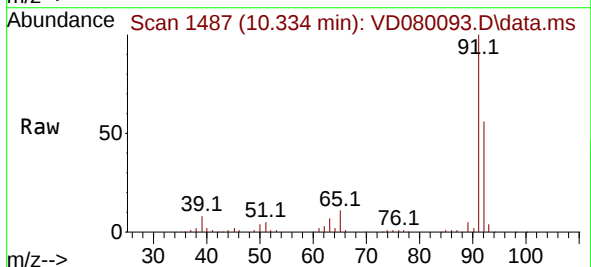
Instrument :
MSVOA_D
ClientSampleId :

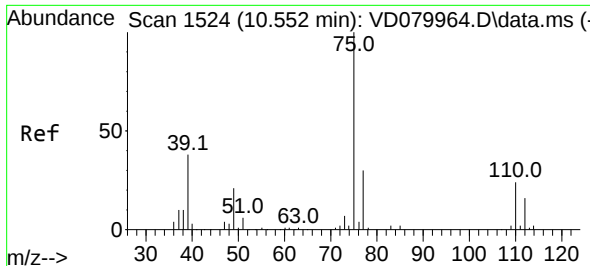
Tgt Ion: 43 Resp: 86441
Ion Ratio Lower Upper
43 100
58 42.5 32.8 49.2



#52
Toluene
Concen: 21.842 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 92 Resp: 91497
Ion Ratio Lower Upper
92 100
91 177.2 139.3 208.9

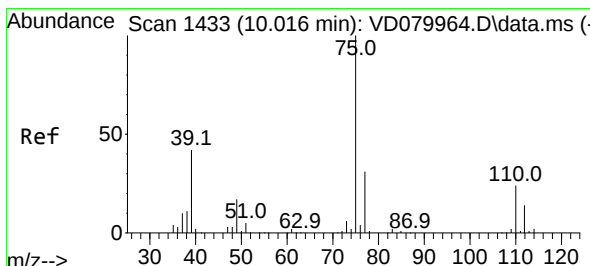
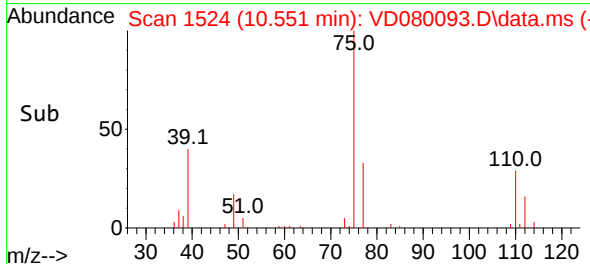
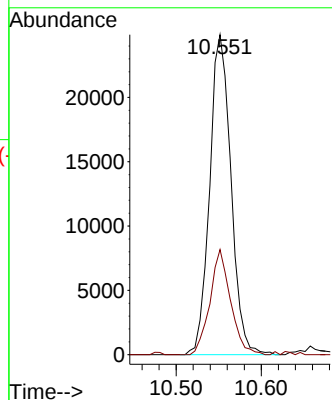
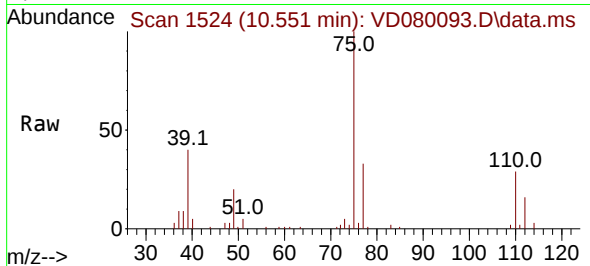




#53
 t-1,3-Dichloropropene
 Concen: 20.565 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VD080093.D
 Acq: 19 Nov 2024 19:40

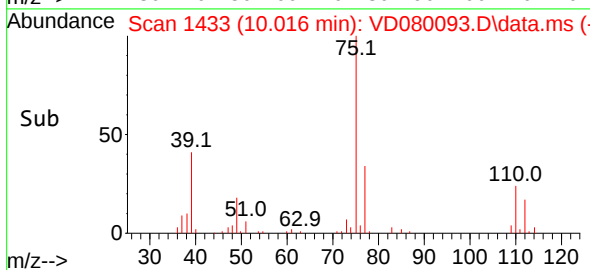
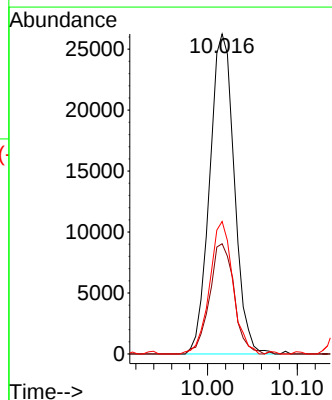
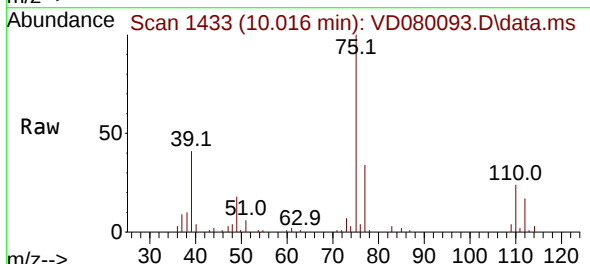
Instrument :
 MSVOA_D
 ClientSampleId :

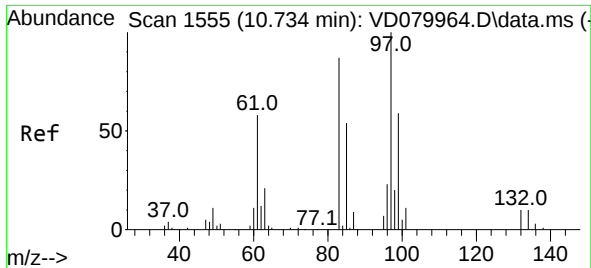
Tgt Ion: 75 Resp: 43236
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.102 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080093.D
 Acq: 19 Nov 2024 19:40

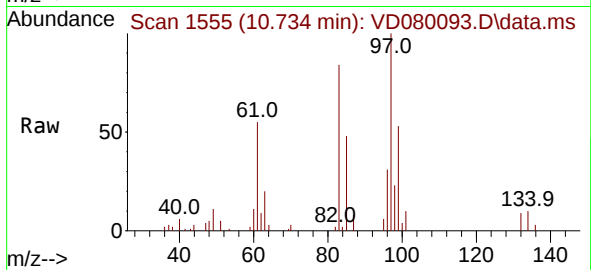
Tgt Ion: 75 Resp: 50033
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.0 37.4
 39 41.4 33.2 49.8



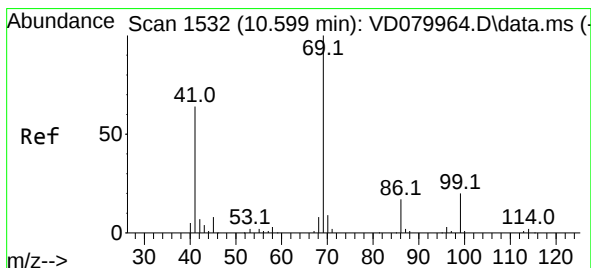
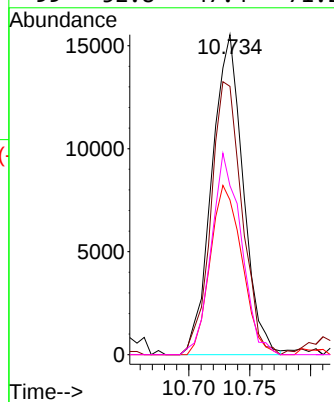
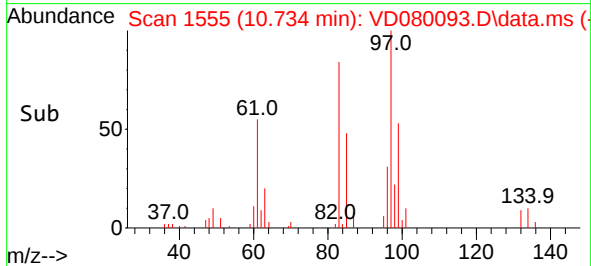


#55
1,1,2-Trichloroethane
Concen: 22.267 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

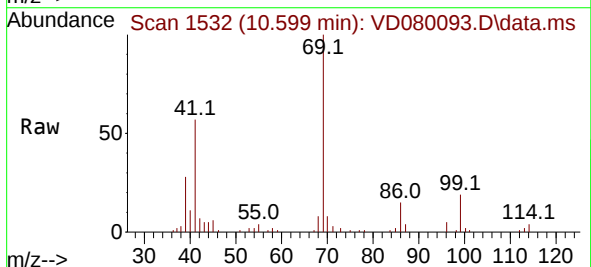
Instrument :
MSVOA_D
ClientSampleId :



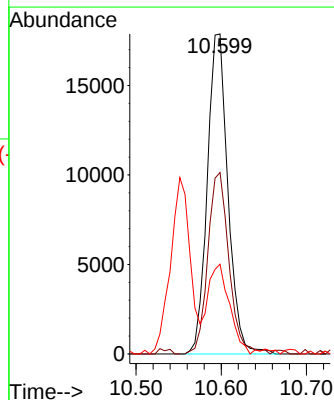
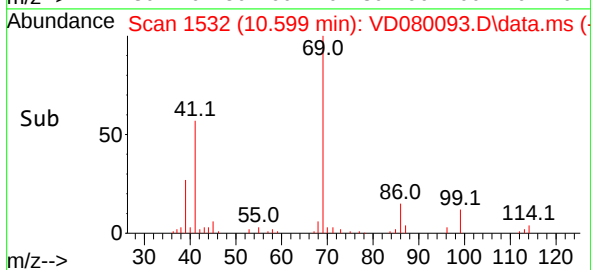
Tgt Ion:	97	Resp:	27757
Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.2	103.8
85	48.4	43.0	64.6
99	52.8	47.4	71.2

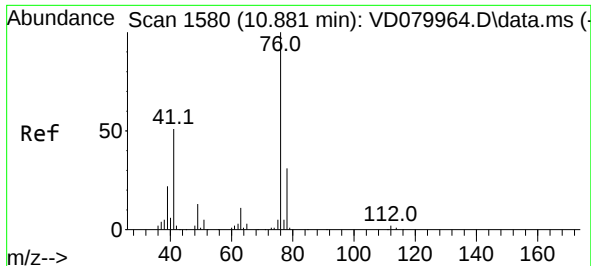


#56
Ethyl methacrylate
Concen: 20.794 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40



Tgt Ion:	69	Resp:	30142
Ion	Ratio	Lower	Upper
69	100		
41	58.0	50.4	75.6
39	29.5	26.0	39.0





#57

1,3-Dichloropropane

Concen: 21.504 ug/l

RT: 10.875 min Scan# 1580

Delta R.T. -0.006 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

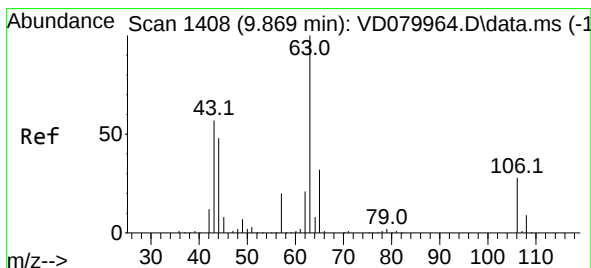
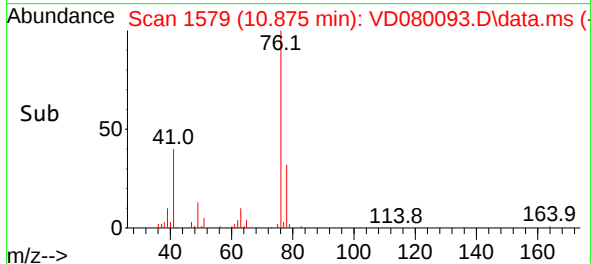
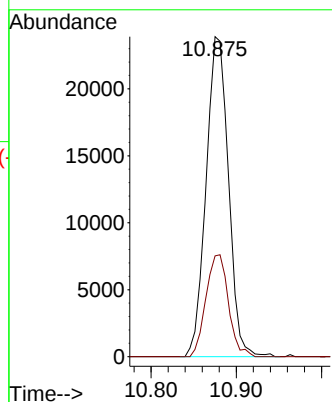
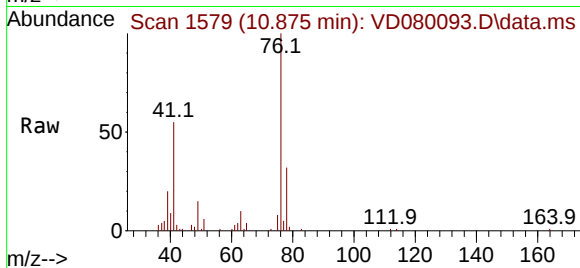
ClientSampleId :

Tgt Ion: 76 Resp: 43606

Ion Ratio Lower Upper

76 100

78 31.9 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 98.062 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080093.D

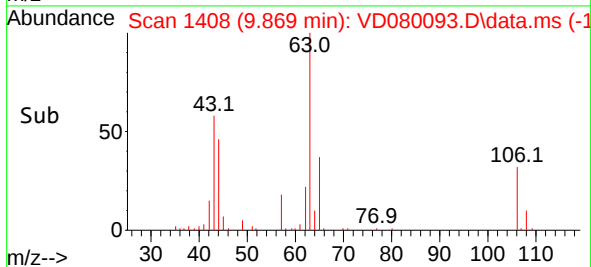
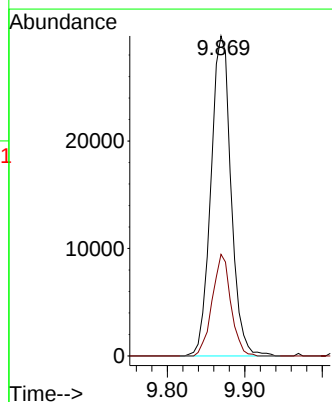
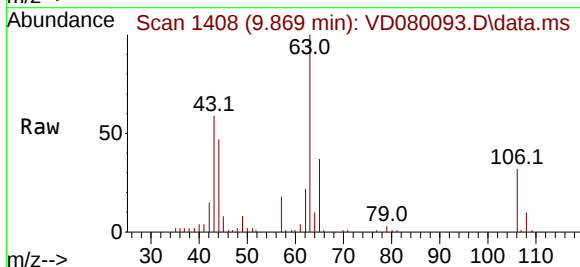
Acq: 19 Nov 2024 19:40

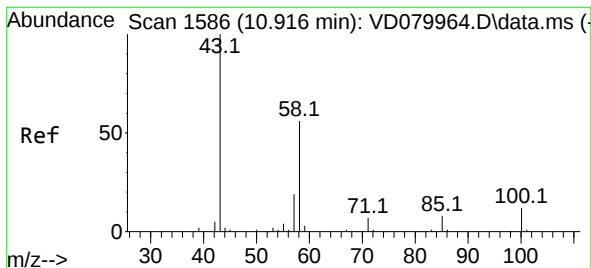
Tgt Ion: 63 Resp: 53761

Ion Ratio Lower Upper

63 100

106 29.4 21.8 32.6





#59

2-Hexanone

Concen: 95.017 ug/l

RT: 10.922 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

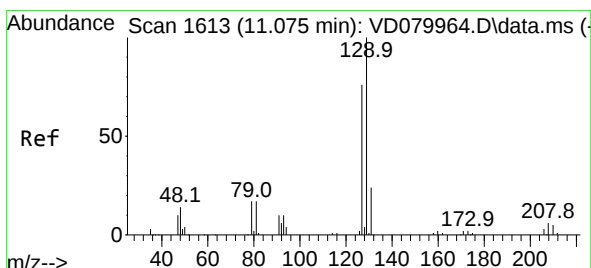
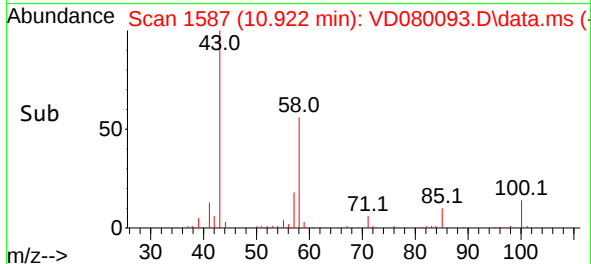
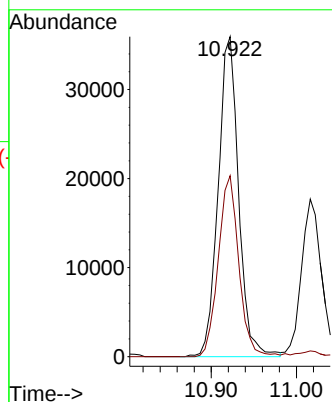
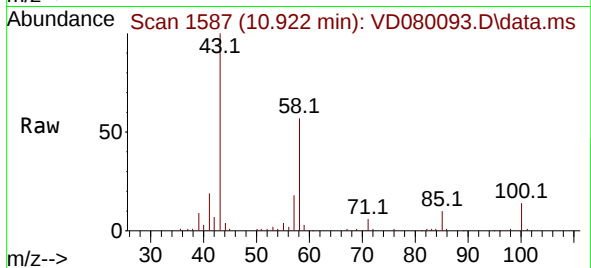
ClientSampleId :

Tgt Ion: 43 Resp: 59748

Ion Ratio Lower Upper

43 100

58 57.0 27.8 83.4



#60

Dibromochloromethane

Concen: 23.494 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD080093.D

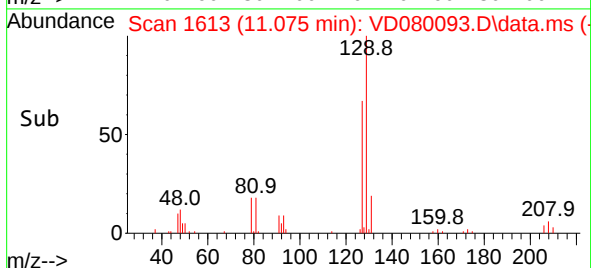
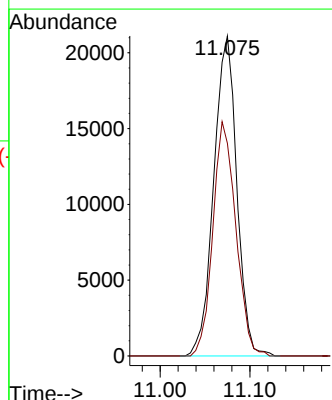
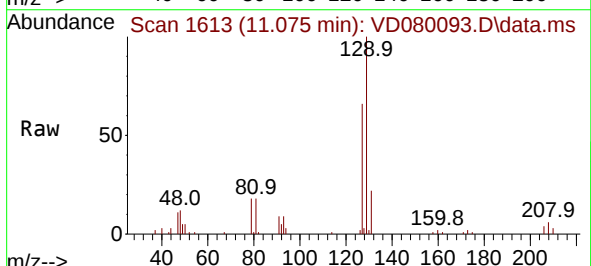
Acq: 19 Nov 2024 19:40

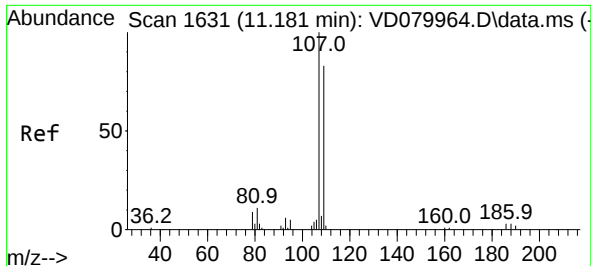
Tgt Ion:129 Resp: 37696

Ion Ratio Lower Upper

129 100

127 73.1 38.4 115.2

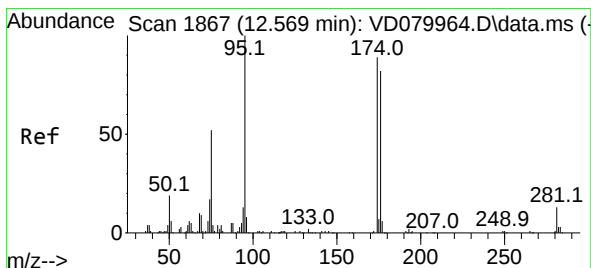
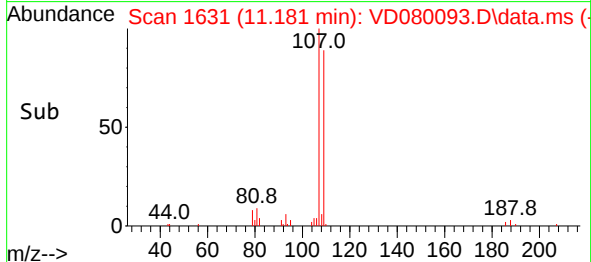
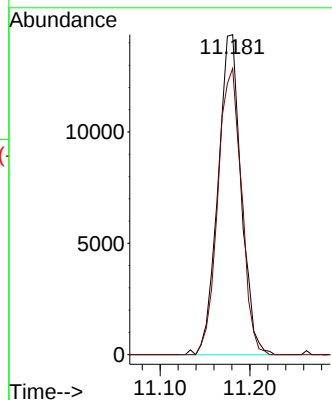
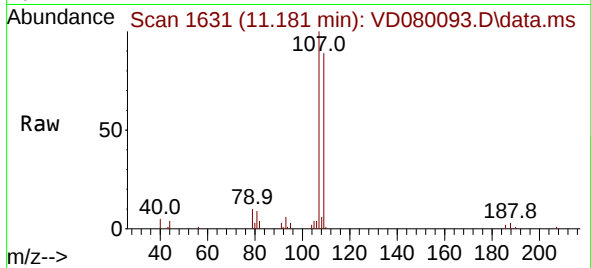




#61
1,2-Dibromoethane
Concen: 21.964 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

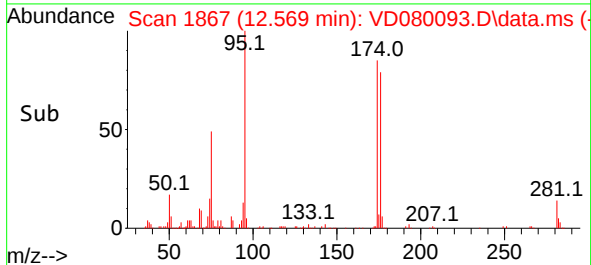
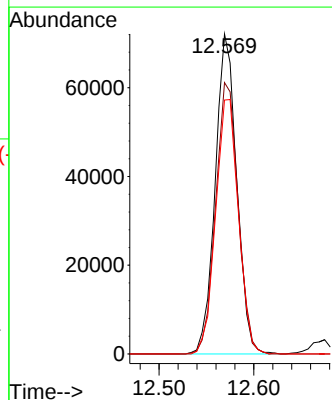
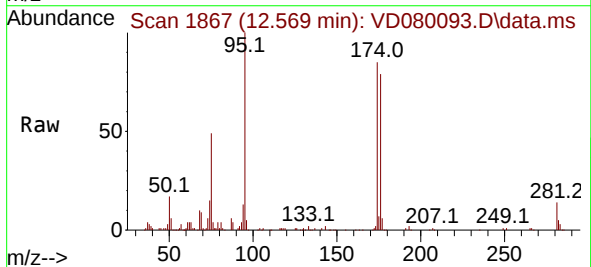
Instrument :
MSVOA_D
ClientSampleId :

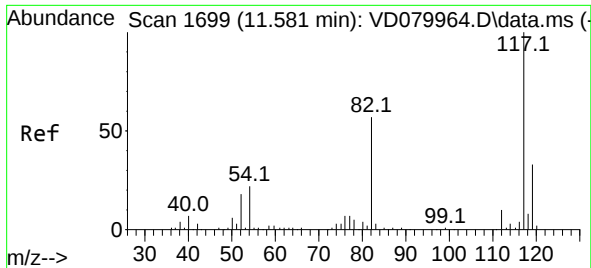
Tgt Ion:107 Resp: 25814
Ion Ratio Lower Upper
107 100
109 91.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 58.180 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 95 Resp: 113781
Ion Ratio Lower Upper
95 100
174 88.9 0.0 173.4
176 84.3 0.0 166.6

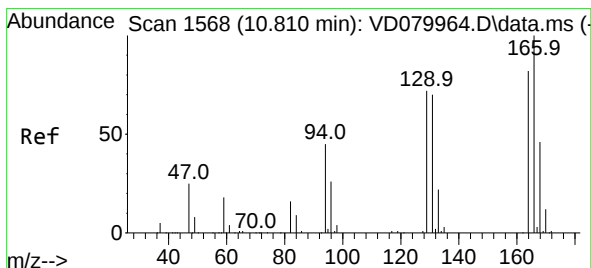
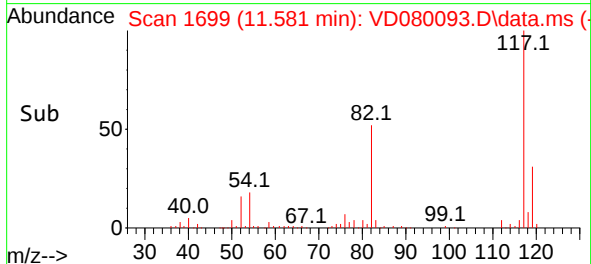
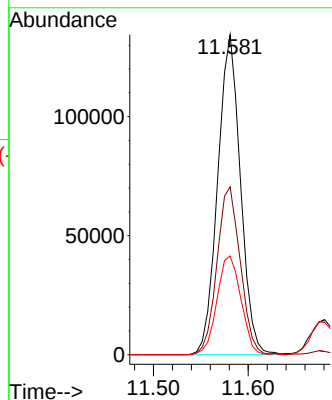
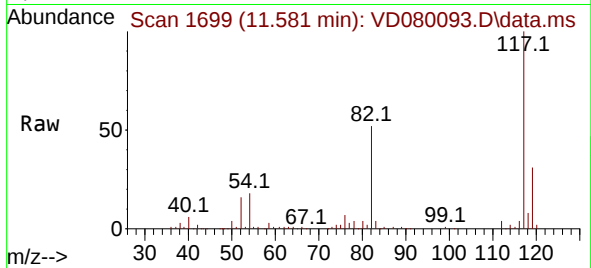




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

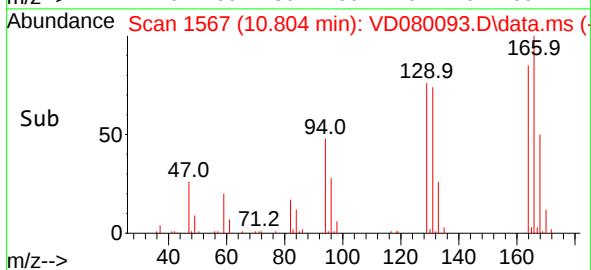
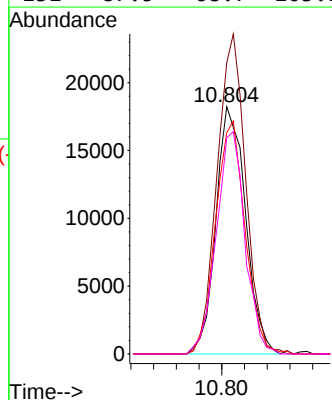
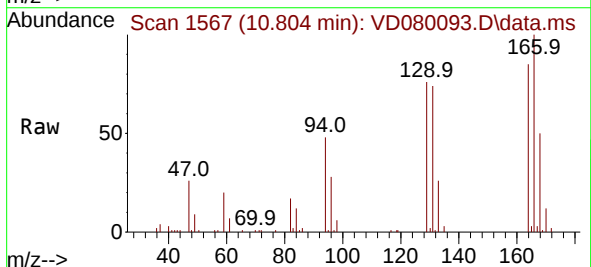
Instrument :
MSVOA_D
ClientSampleId :

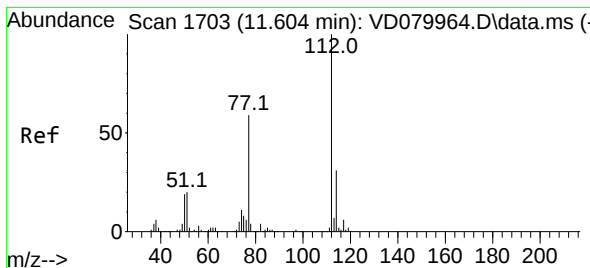
Tgt Ion:117 Resp: 224619
Ion Ratio Lower Upper
117 100
82 52.4 45.8 68.6
119 30.9 26.2 39.2



#64
Tetrachloroethene
Concen: 20.626 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion:164 Resp: 32994
Ion Ratio Lower Upper
164 100
166 117.8 97.5 146.3
129 89.5 70.6 106.0
131 87.5 68.7 103.1





#65

Chlorobenzene

Concen: 20.278 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

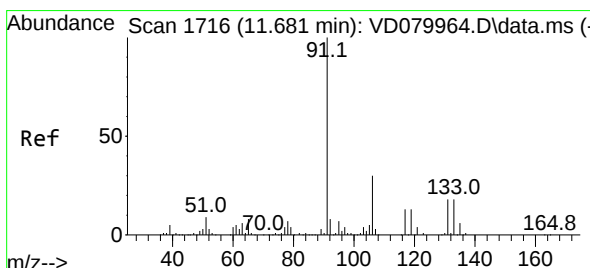
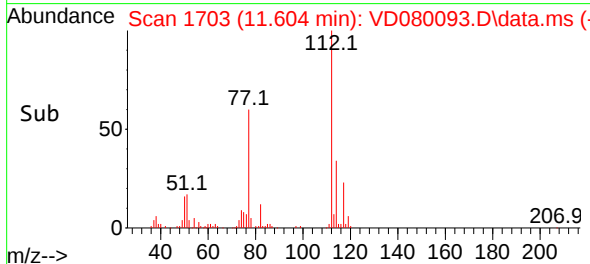
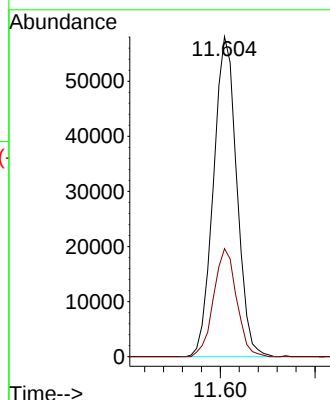
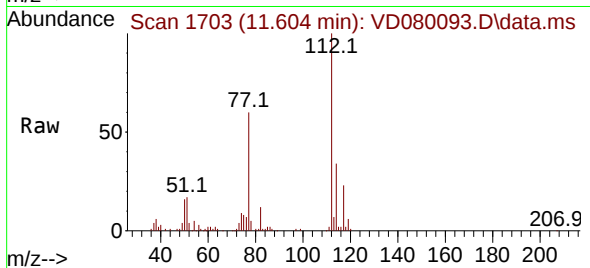
ClientSampleId :

Tgt Ion:112 Resp: 99356

Ion Ratio Lower Upper

112 100

114 33.8 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.685 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

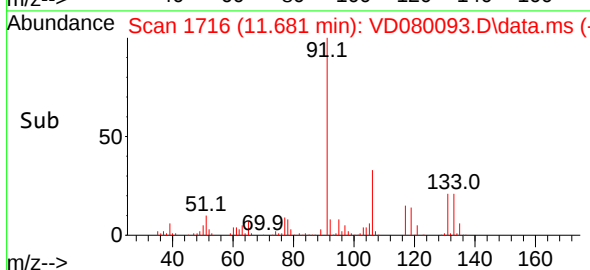
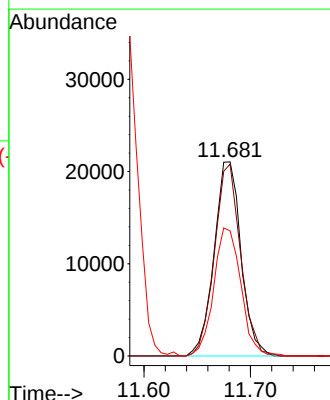
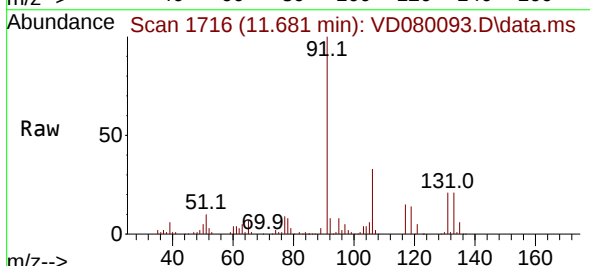
Tgt Ion:131 Resp: 36986

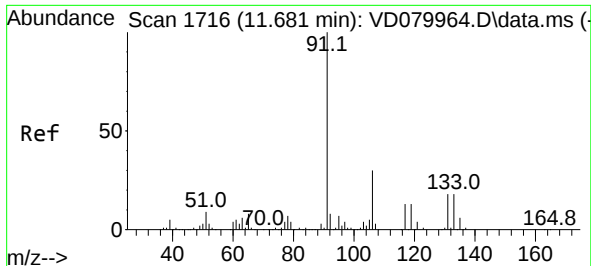
Ion Ratio Lower Upper

131 100

133 95.8 48.8 146.4

119 66.4 34.8 104.3





#67

Ethyl Benzene

Concen: 20.044 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

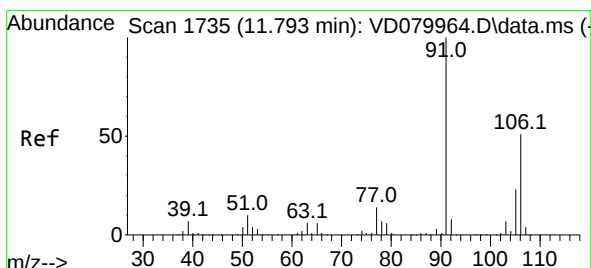
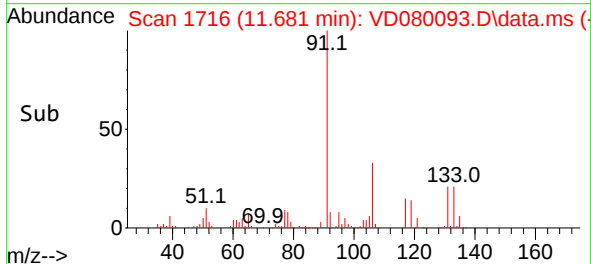
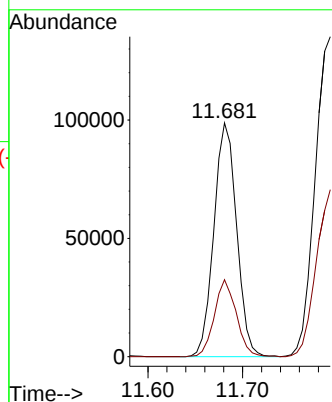
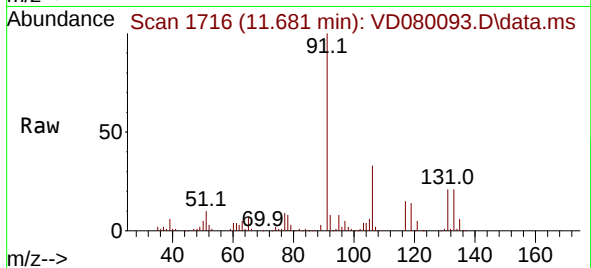
ClientSampleId :

Tgt Ion: 91 Resp: 164789

Ion Ratio Lower Upper

91 100

106 32.9 23.6 35.4



#68

m/p-Xylenes

Concen: 41.175 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD080093.D

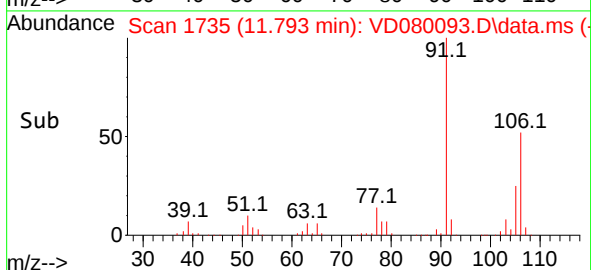
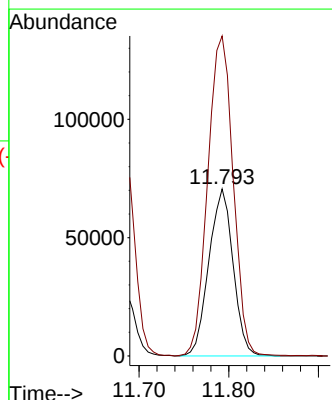
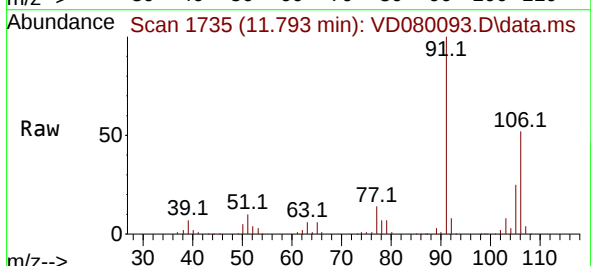
Acq: 19 Nov 2024 19:40

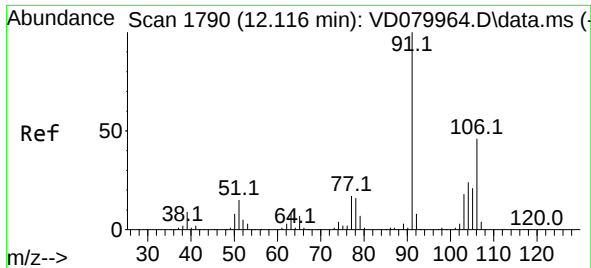
Tgt Ion:106 Resp: 132295

Ion Ratio Lower Upper

106 100

91 200.7 162.6 244.0

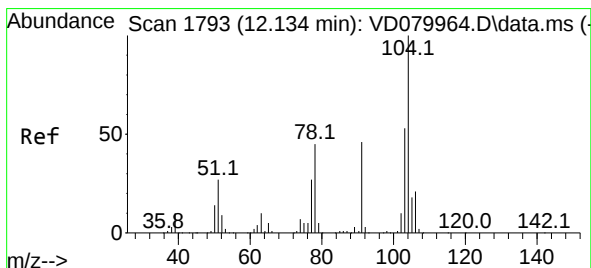
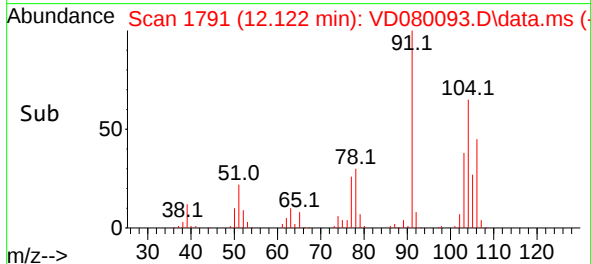
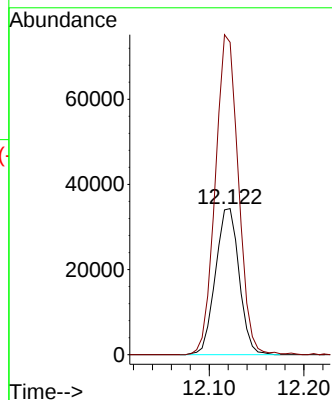
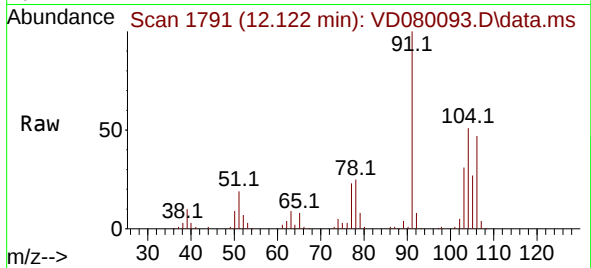




#69
o-Xylene
Concen: 20.660 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

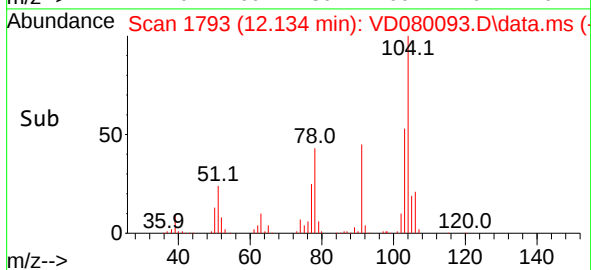
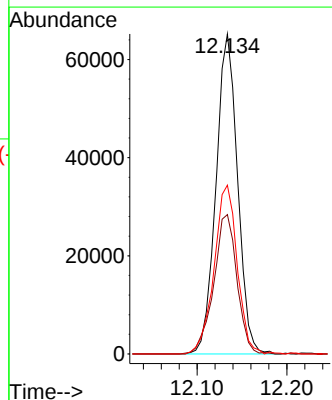
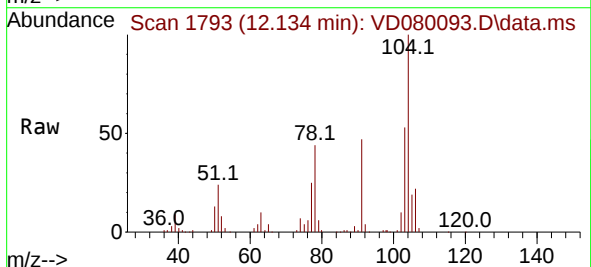
Instrument :
MSVOA_D
ClientSampleId :

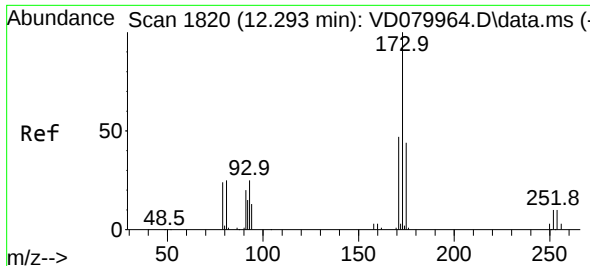
Tgt Ion:106 Resp: 59670
Ion Ratio Lower Upper
106 100
91 213.8 110.5 331.5



#70
Styrene
Concen: 21.123 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion:104 Resp: 108888
Ion Ratio Lower Upper
104 100
78 46.9 39.8 59.8
103 56.4 45.2 67.8

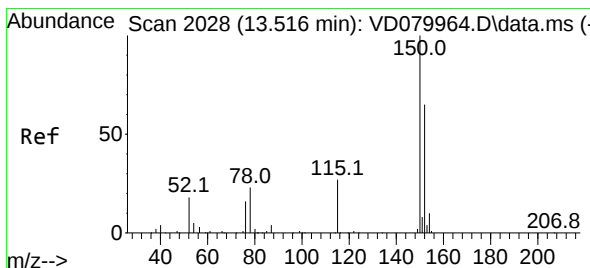
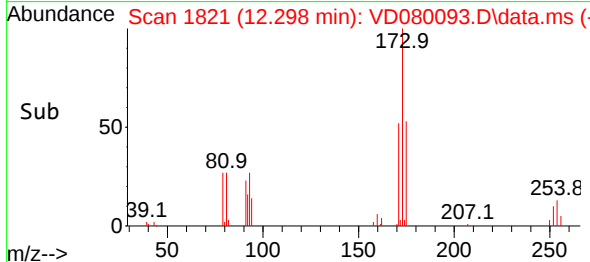
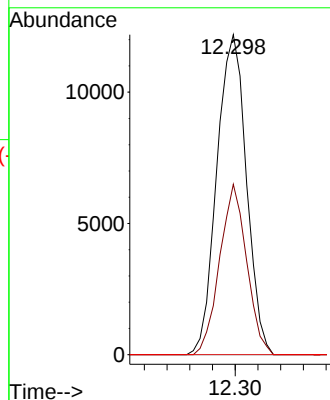
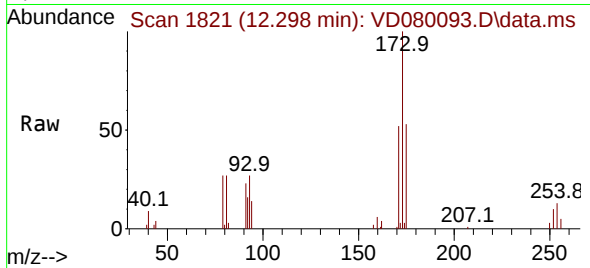




#71
Bromoform
Concen: 21.886 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.005 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

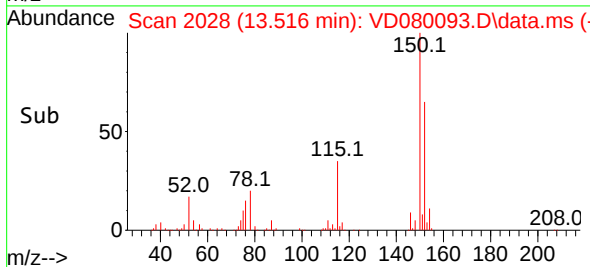
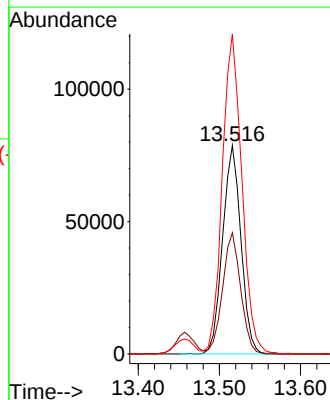
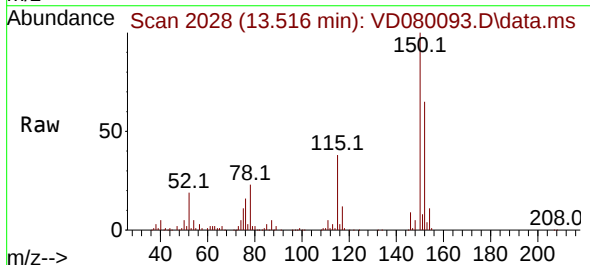
Instrument :
MSVOA_D
ClientSampleId :

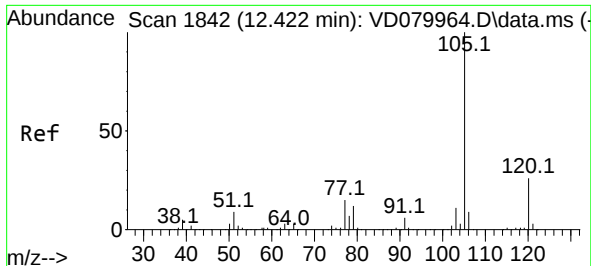
Tgt Ion:173 Resp: 22009
Ion Ratio Lower Upper
173 100
175 48.7 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion:152 Resp: 123578
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.8
150 163.7 0.0 354.8

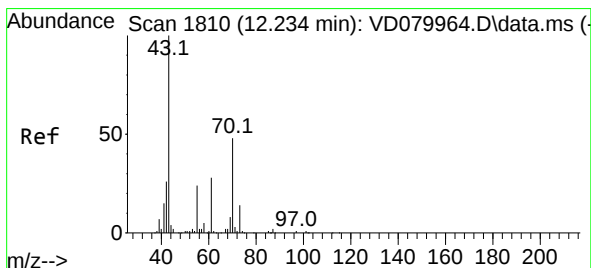
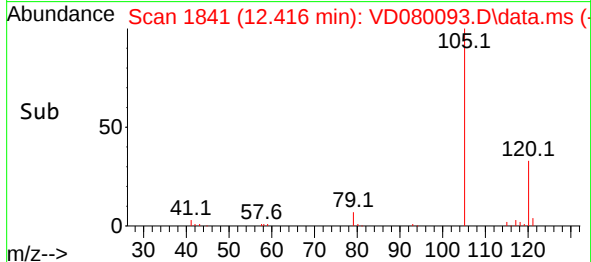
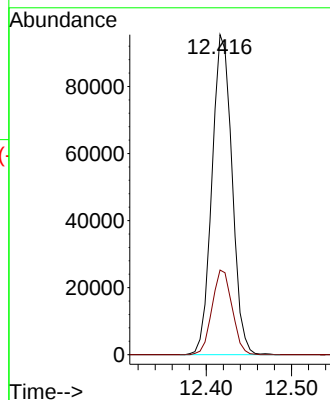
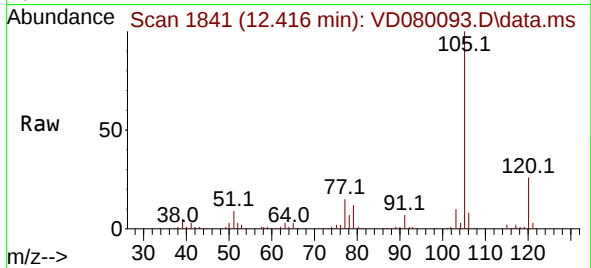




#73
Isopropylbenzene
Concen: 19.610 ug/l
RT: 12.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

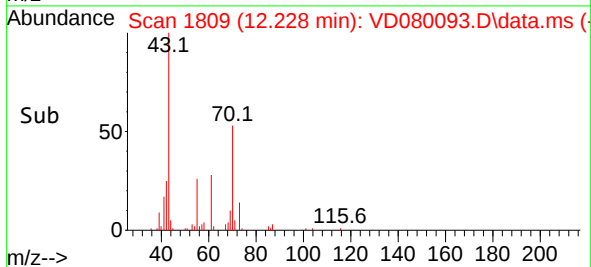
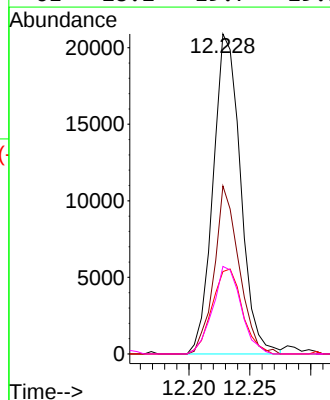
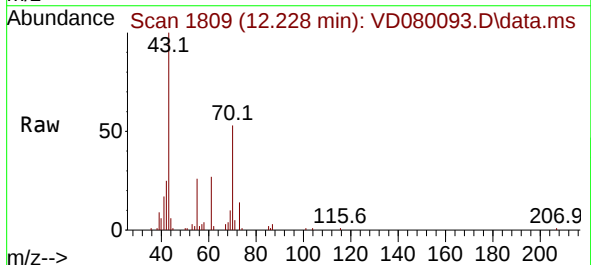
Instrument :
MSVOA_D
ClientSampleId :

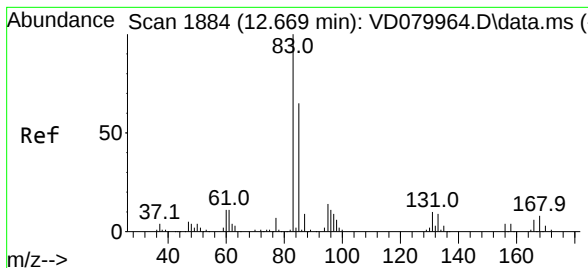
Tgt Ion:105 Resp: 156278
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 18.628 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 43 Resp: 32710
Ion Ratio Lower Upper
43 100
70 47.4 36.3 54.5
55 29.2 20.3 30.5
61 28.2 19.7 29.5

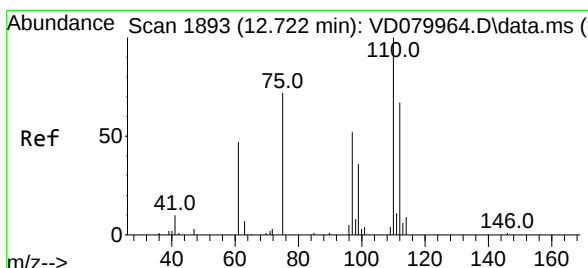
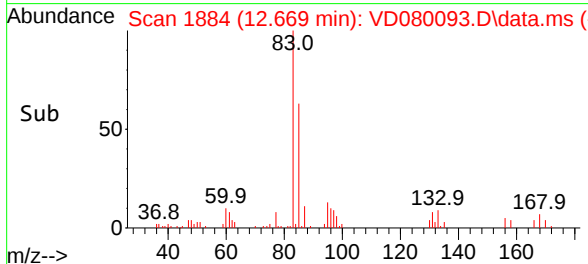
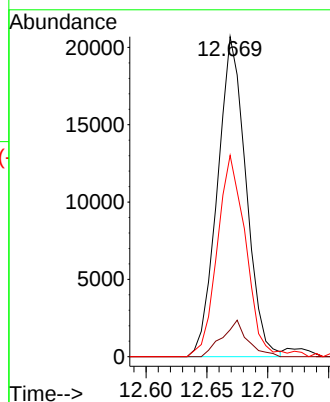
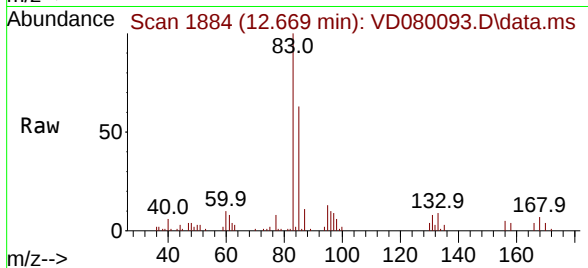




#75
1,1,2,2-Tetrachloroethane
Concen: 22.067 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

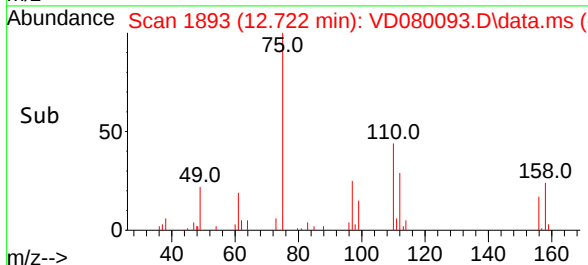
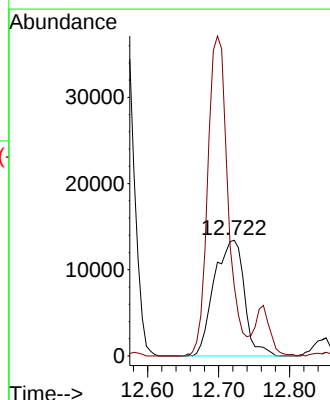
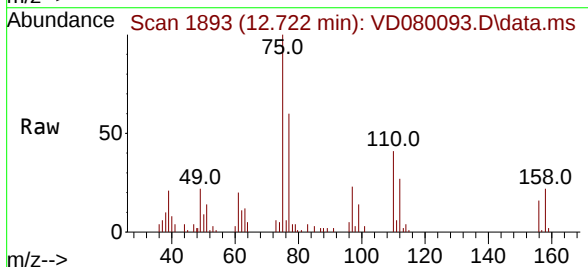
Instrument :
MSVOA_D
ClientSampleId :

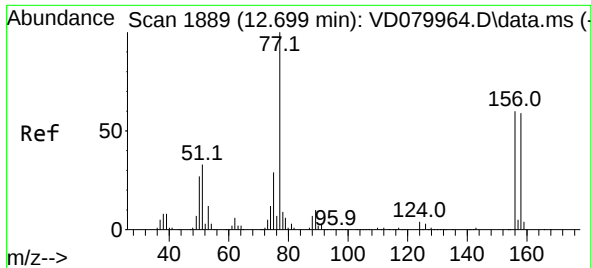
Tgt Ion: 83 Resp: 33797
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.4 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 36.391 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 75 Resp: 39711
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

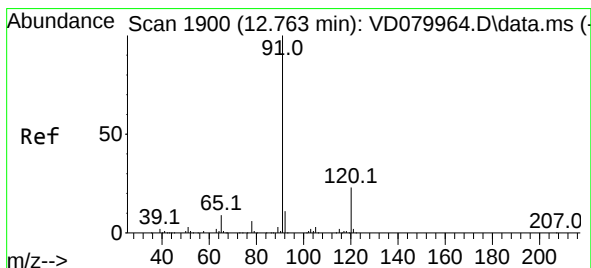
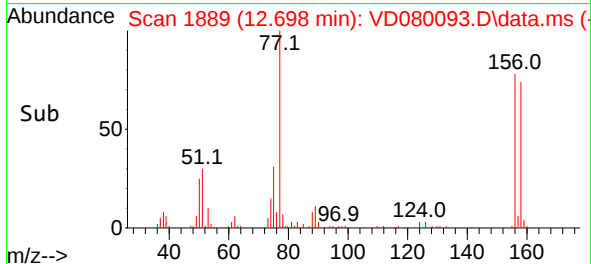
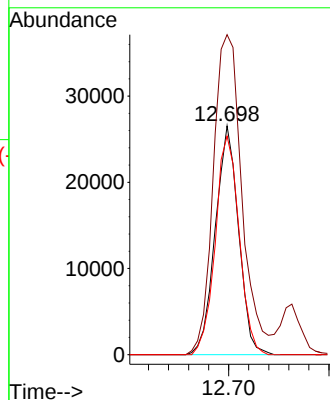
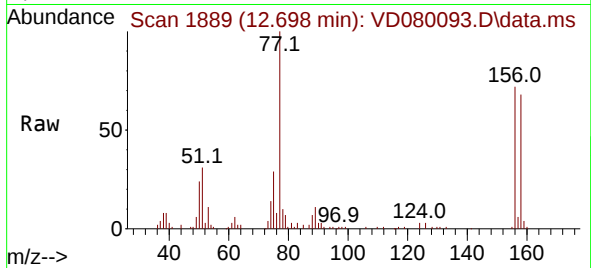




#77
Bromobenzene
Concen: 20.616 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

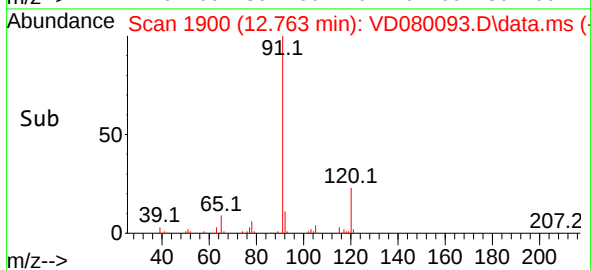
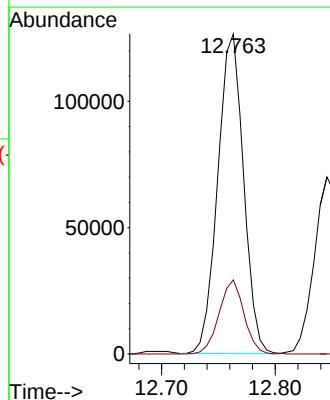
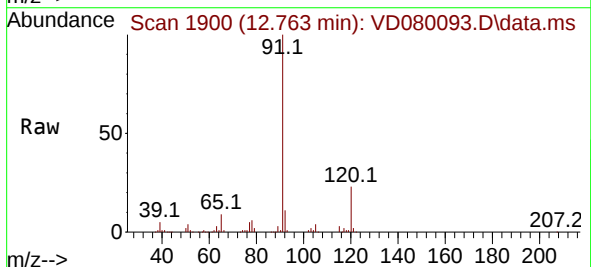
Instrument :
MSVOA_D
ClientSampleId :

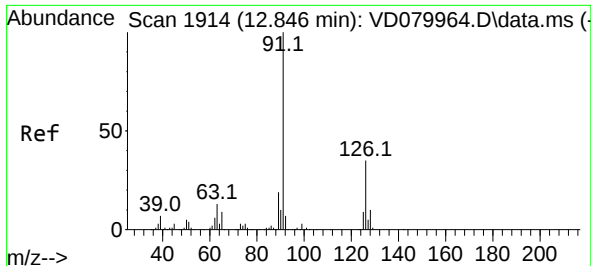
Tgt Ion:156 Resp: 42698
Ion Ratio Lower Upper
156 100
77 171.9 89.8 269.6
158 98.0 47.9 143.8



#78
n-propylbenzene
Concen: 20.238 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 91 Resp: 199320
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5





#79

2-Chlorotoluene

Concen: 20.200 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.001 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

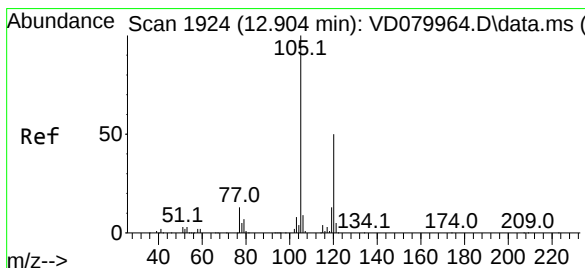
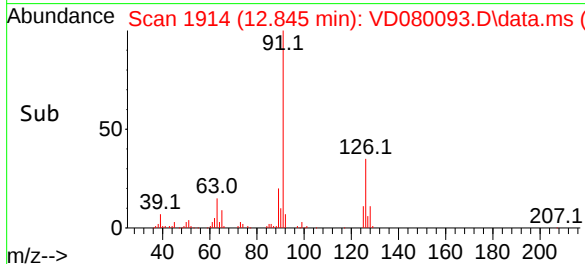
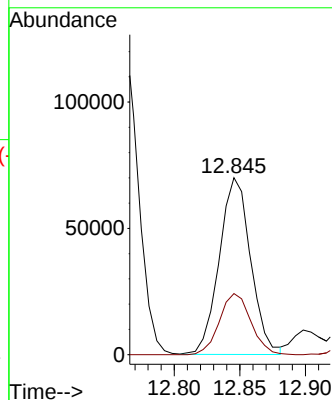
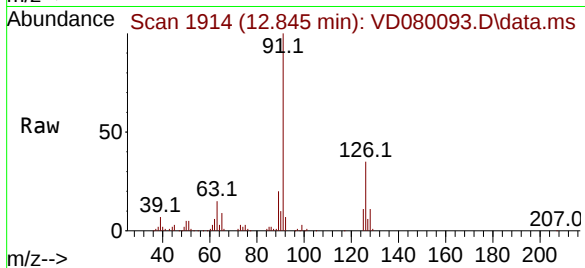
ClientSampleId :

Tgt Ion: 91 Resp: 116668

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 20.299 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080093.D

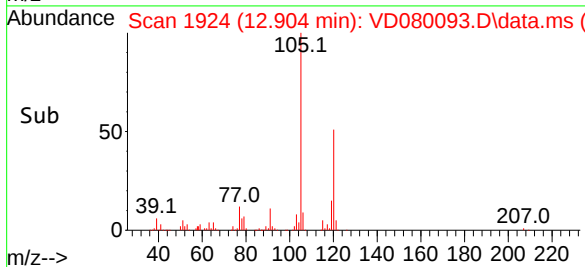
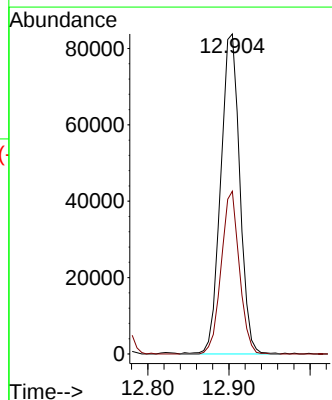
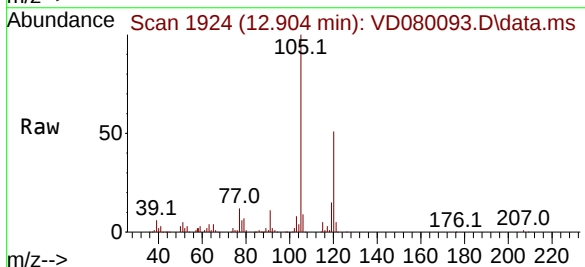
Acq: 19 Nov 2024 19:40

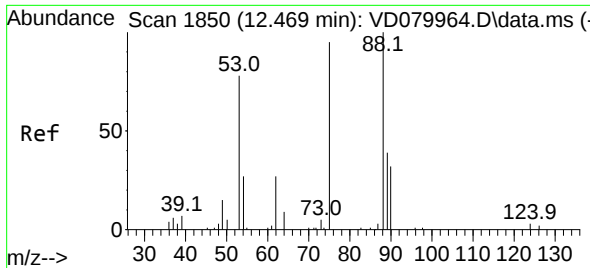
Tgt Ion: 105 Resp: 136911

Ion Ratio Lower Upper

105 100

120 48.4 25.0 75.0

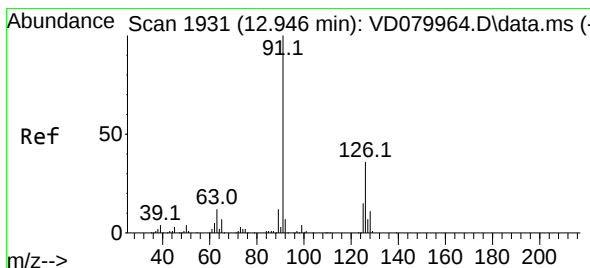
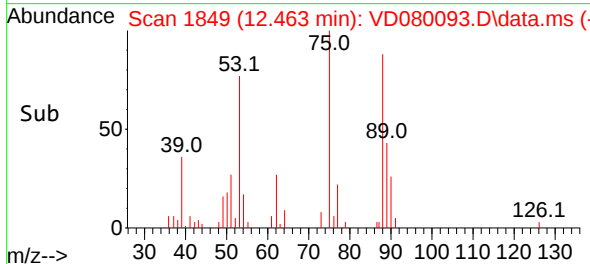
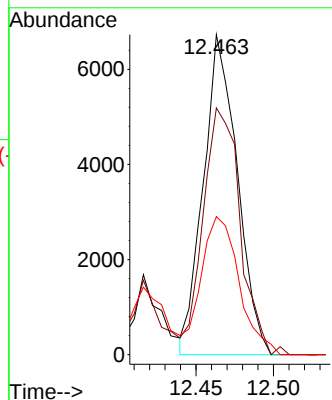
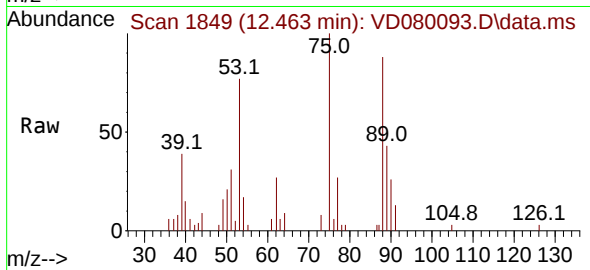




#81
trans-1,4-Dichloro-2-butene
Concen: 19.176 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

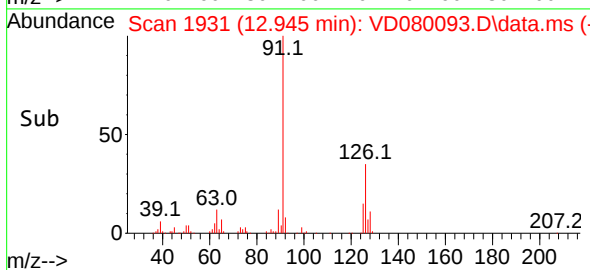
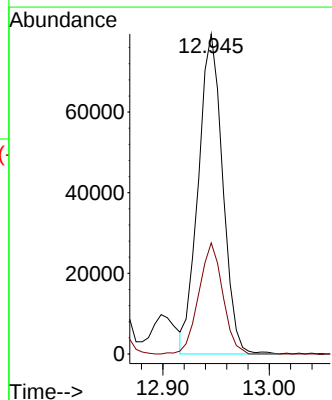
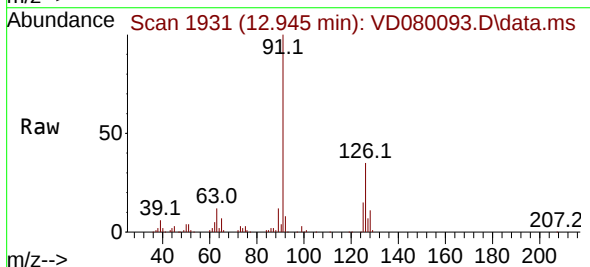
Instrument :
MSVOA_D
ClientSampleId :

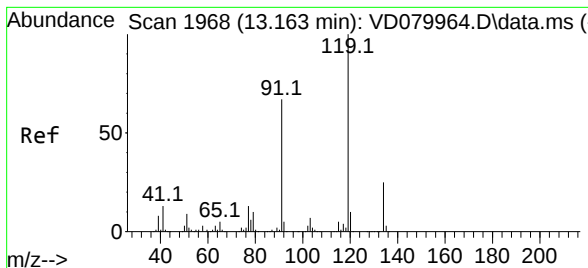
Tgt Ion: 75 Resp: 10224
Ion Ratio Lower Upper
75 100
53 84.1 68.7 103.1
89 48.5 36.1 54.1



#82
4-Chlorotoluene
Concen: 20.446 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.001 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 91 Resp: 126244
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.3





#83

tert-Butylbenzene

Concen: 19.006 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

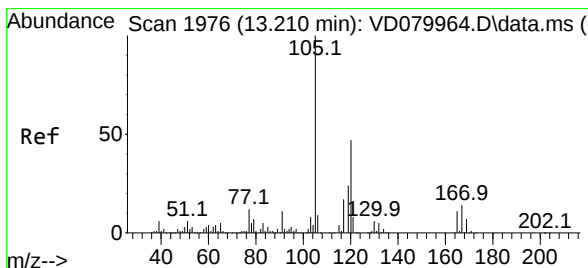
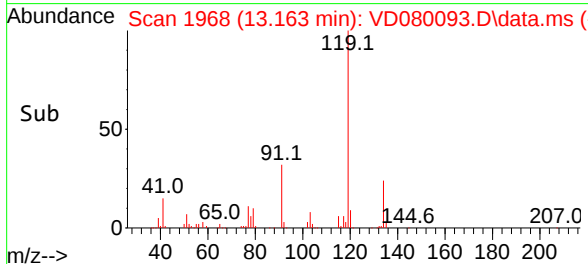
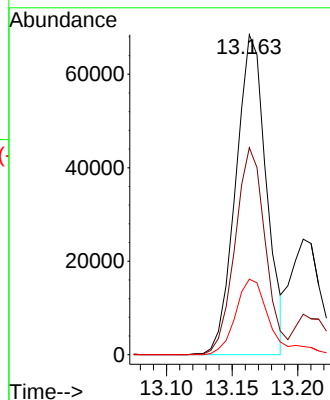
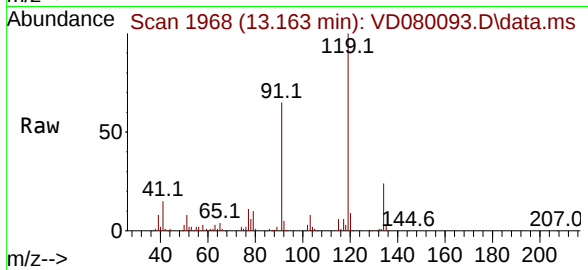
Tgt Ion:119 Resp: 111025

Ion Ratio Lower Upper

119 100

91 64.4 33.3 99.9

134 26.6 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 20.739 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080093.D

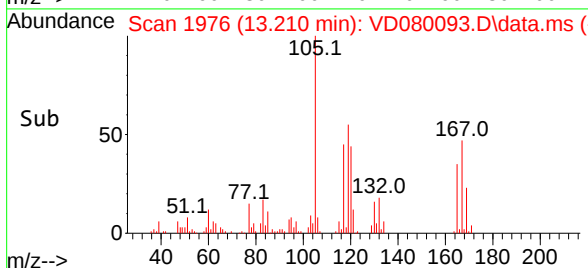
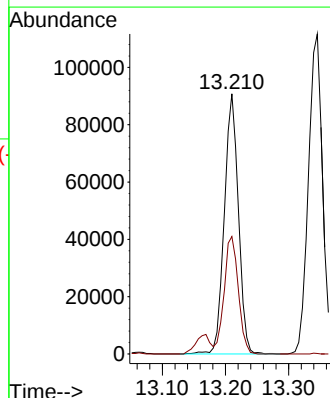
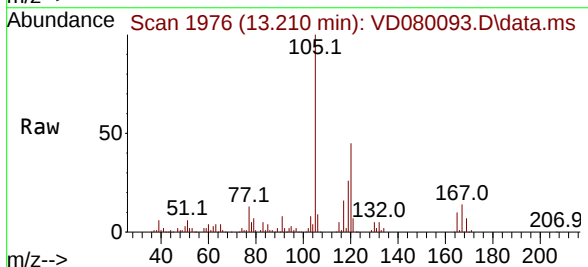
Acq: 19 Nov 2024 19:40

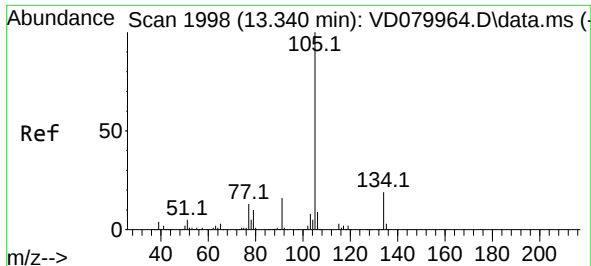
Tgt Ion:105 Resp: 140517

Ion Ratio Lower Upper

105 100

120 45.3 22.8 68.4

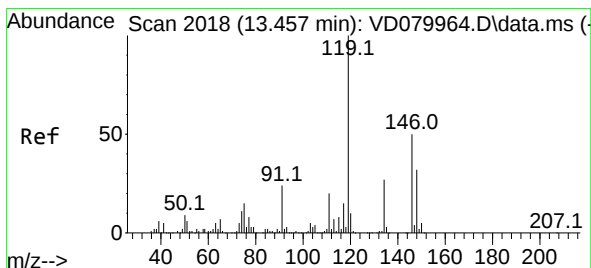
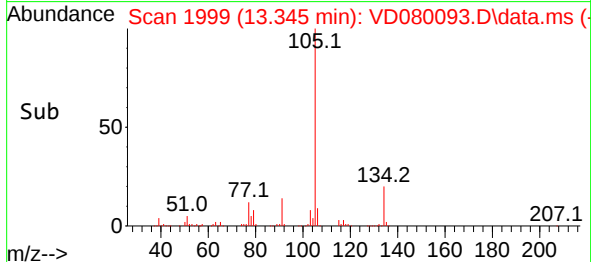
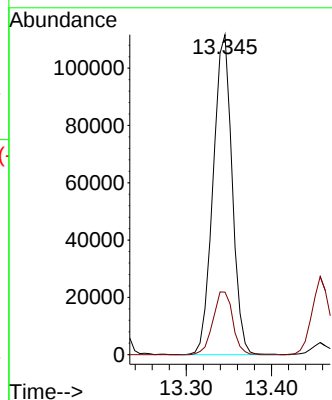
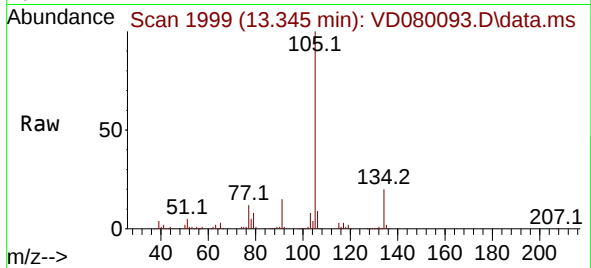




#85
 sec-Butylbenzene
 Concen: 20.032 ug/l
 RT: 13.345 min Scan# 1998
 Delta R.T. 0.005 min
 Lab File: VD080093.D
 Acq: 19 Nov 2024 19:40

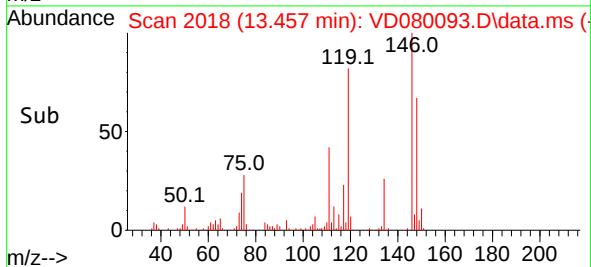
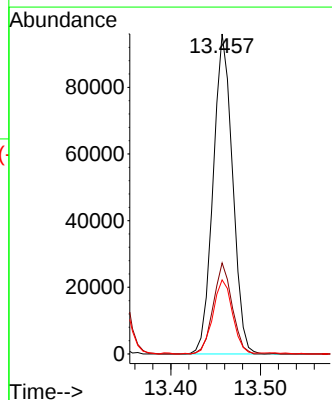
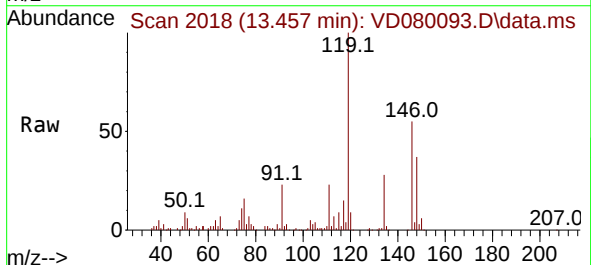
Instrument :
 MSVOA_D
 ClientSampleId :

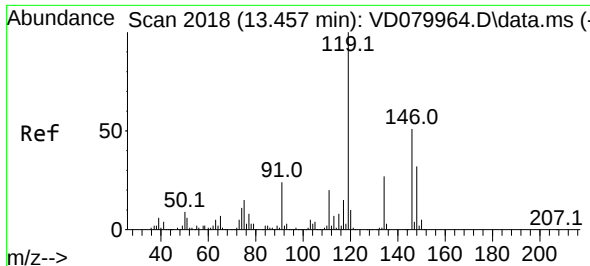
Tgt Ion:105 Resp: 172966
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.791 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD080093.D
 Acq: 19 Nov 2024 19:40

Tgt Ion:119 Resp: 144445
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.1 39.1
 91 23.5 12.2 36.4

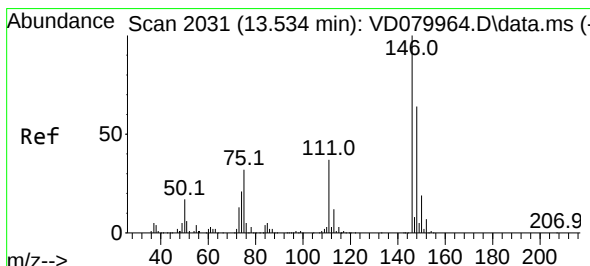
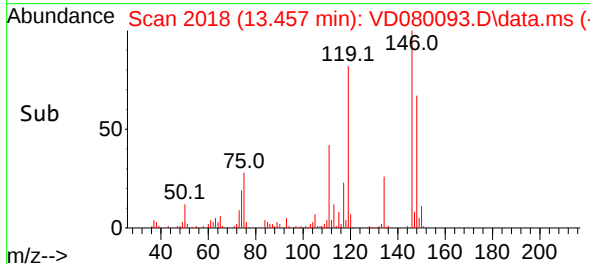
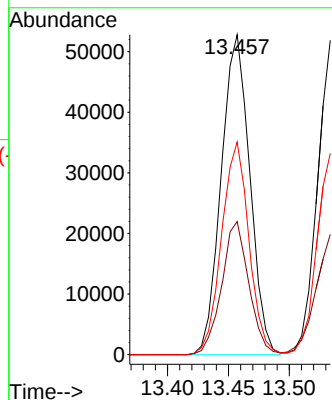
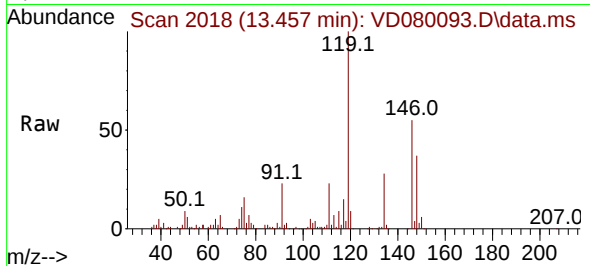




#87
1,3-Dichlorobenzene
Concen: 20.555 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

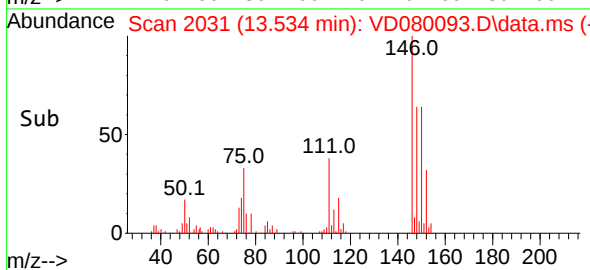
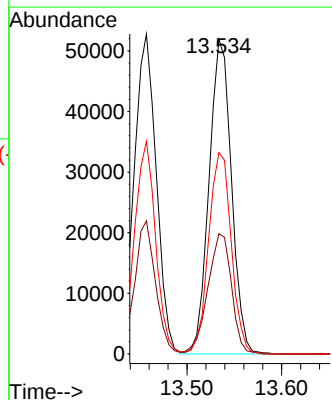
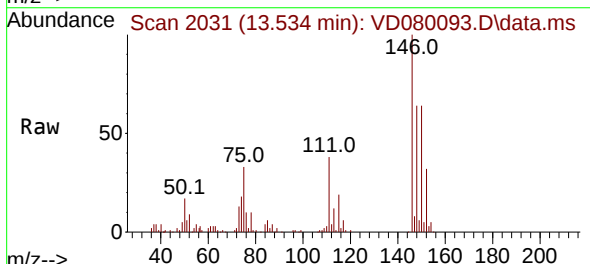
Instrument :
MSVOA_D
ClientSampleId :

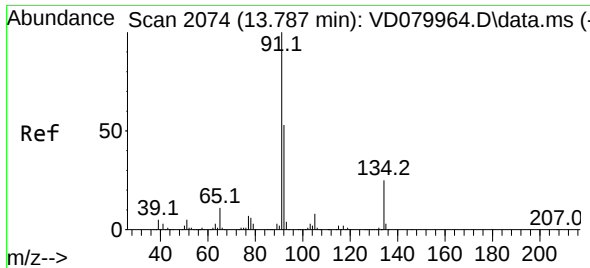
Tgt Ion:146 Resp: 86204
Ion Ratio Lower Upper
146 100
111 39.6 20.0 59.9
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.274 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion:146 Resp: 85395
Ion Ratio Lower Upper
146 100
111 40.4 19.3 57.8
148 64.8 32.9 98.7

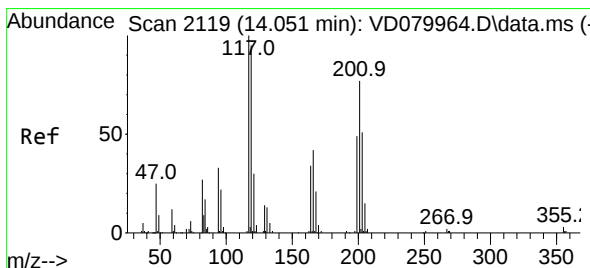
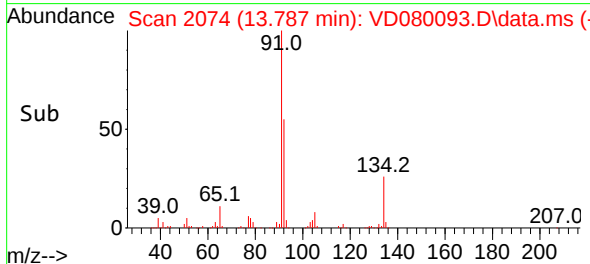
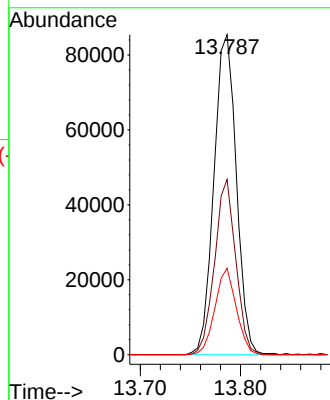
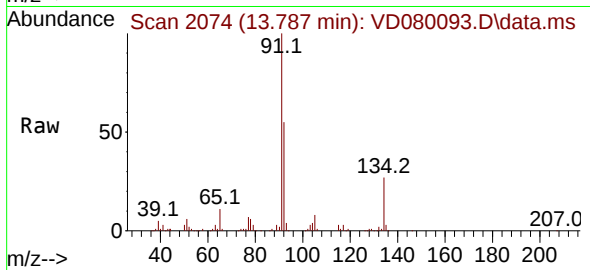




#89
n-Butylbenzene
Concen: 19.291 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

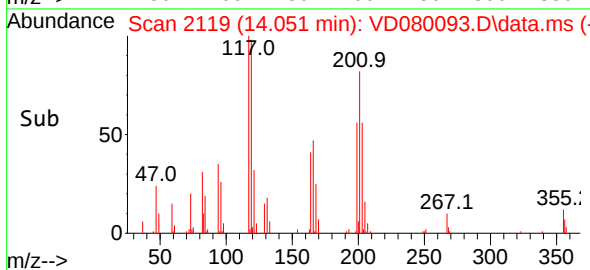
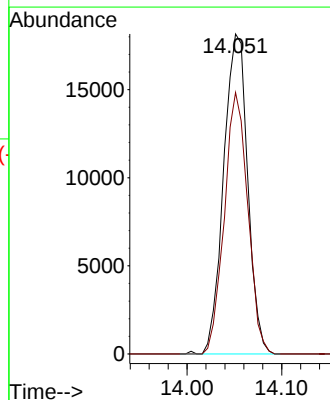
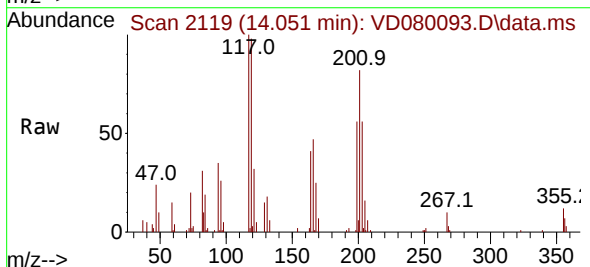
Instrument :
MSVOA_D
ClientSampleId :

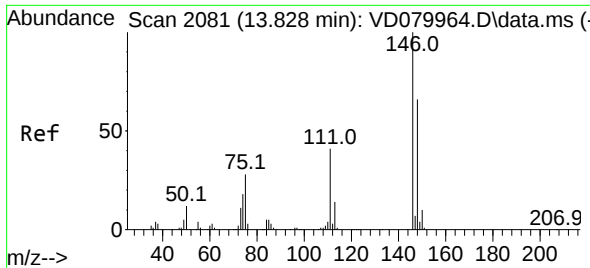
Tgt Ion: 91 Resp: 132457
Ion Ratio Lower Upper
91 100
92 51.6 26.3 78.9
134 25.7 12.3 36.8



#90
Hexachloroethane
Concen: 20.482 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 117 Resp: 32045
Ion Ratio Lower Upper
117 100
201 79.6 37.5 112.5

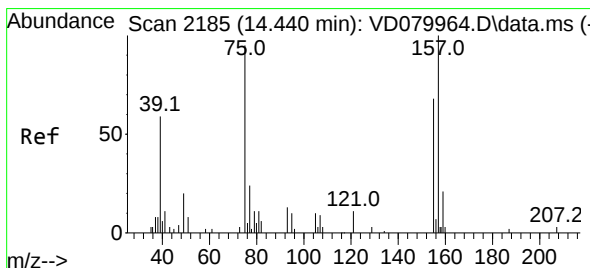
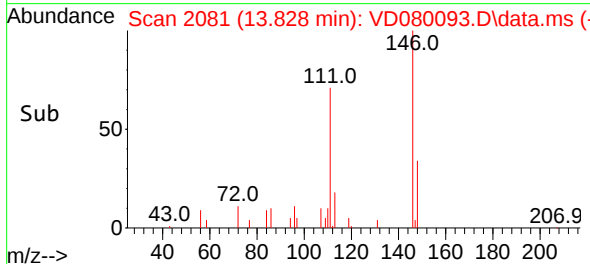
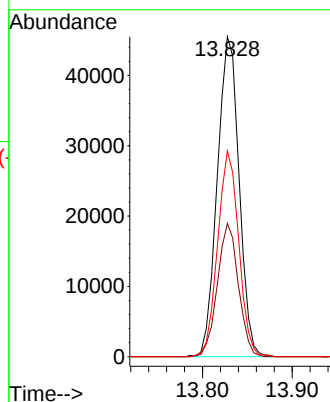
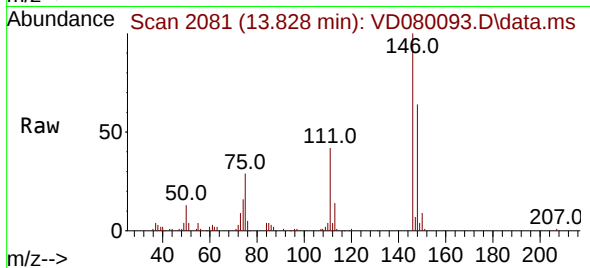




#91
1,2-Dichlorobenzene
Concen: 20.967 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

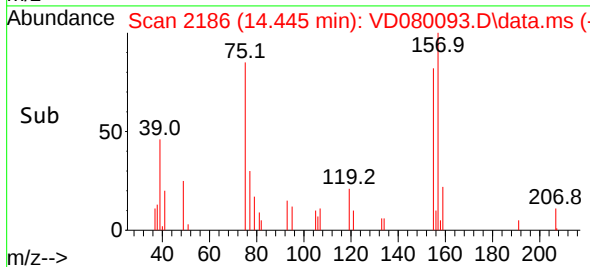
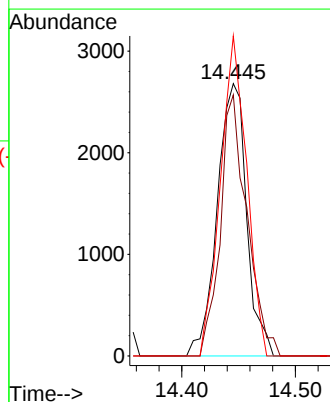
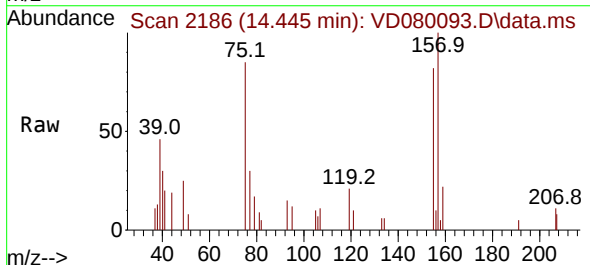
Instrument :
MSVOA_D
ClientSampleId :

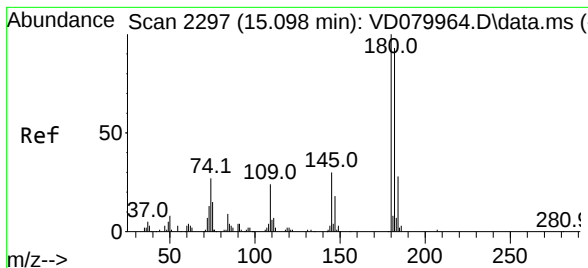
Tgt Ion:146 Resp: 76677
Ion Ratio Lower Upper
146 100
111 40.1 20.6 61.8
148 62.3 32.7 98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.791 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.005 min
Lab File: VD080093.D
Acq: 19 Nov 2024 19:40

Tgt Ion: 75 Resp: 4815
Ion Ratio Lower Upper
75 100
155 87.2 40.6 122.0
157 105.1 53.3 159.9





#93

1,2,4-Trichlorobenzene

Concen: 19.705 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

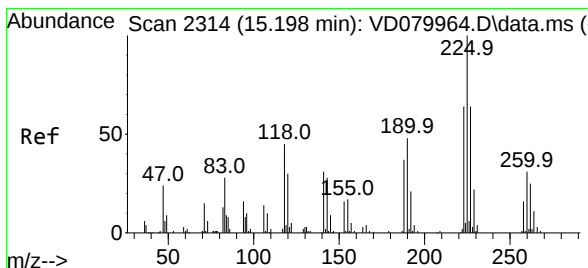
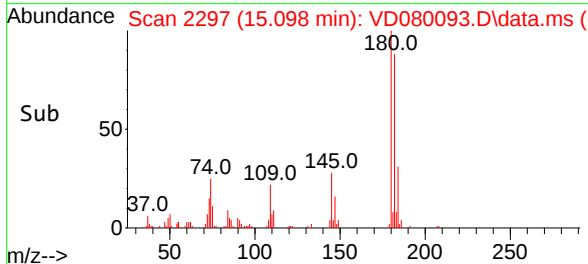
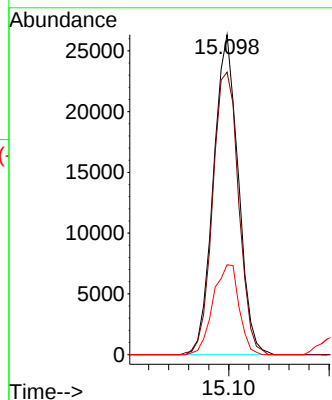
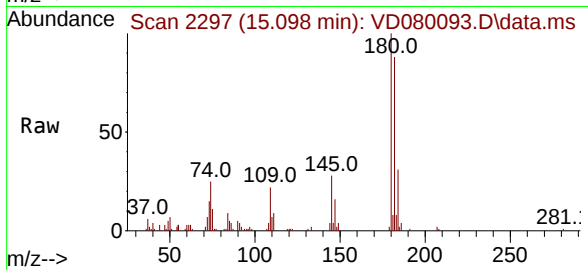
Tgt Ion:180 Resp: 45188

Ion Ratio Lower Upper

180 100

182 92.3 47.4 142.2

145 29.4 14.7 44.1



#94

Hexachlorobutadiene

Concen: 19.596 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

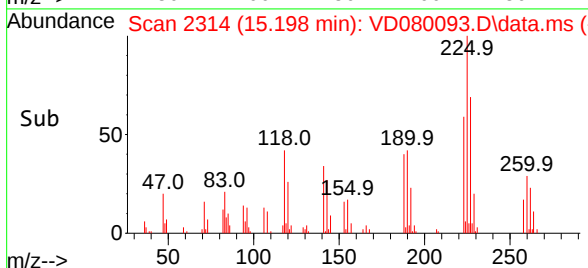
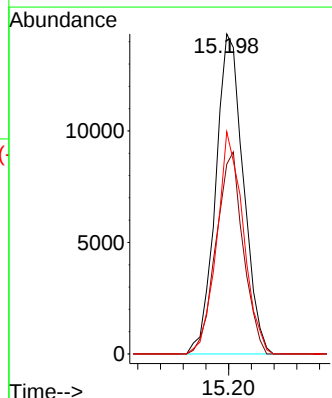
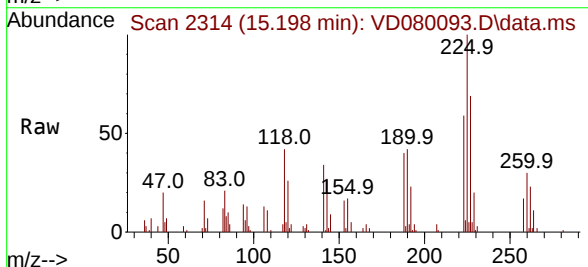
Tgt Ion:225 Resp: 24287

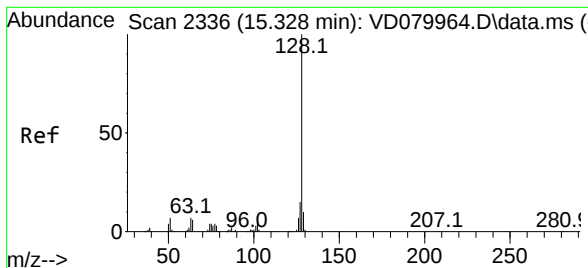
Ion Ratio Lower Upper

225 100

223 61.8 31.5 94.5

227 66.5 30.9 92.5





#95

Naphthalene

Concen: 19.670 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Instrument :

MSVOA_D

ClientSampleId :

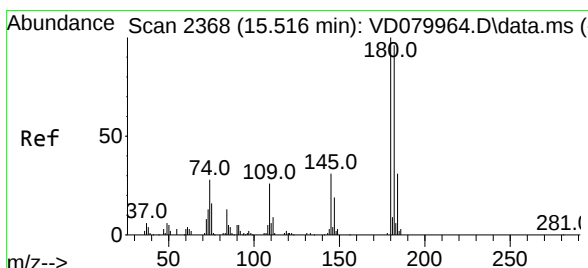
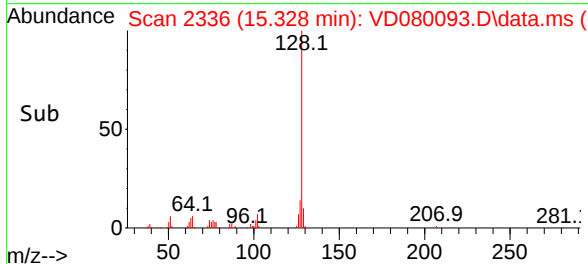
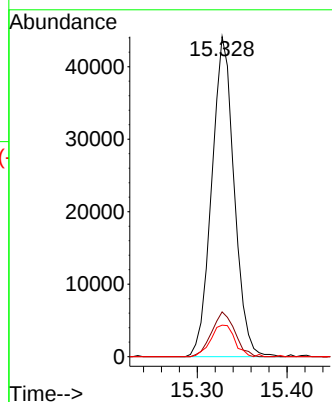
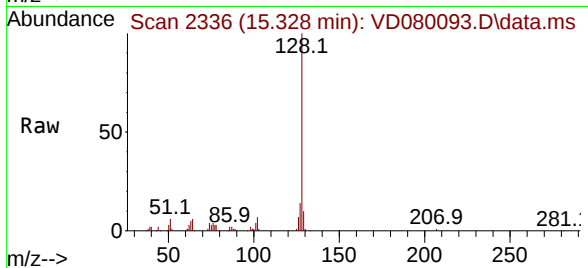
Tgt Ion:128 Resp: 76616

Ion Ratio Lower Upper

128 100

127 14.0 11.8 17.8

129 9.9 8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 20.522 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD080093.D

Acq: 19 Nov 2024 19:40

Tgt Ion:180 Resp: 41328

Ion Ratio Lower Upper

180 100

182 92.1 47.5 142.6

145 29.8 15.7 47.0

