

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078817.D
 Acq On : 16 Apr 2024 10:44
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 22:29:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	134211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	216392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	63780	50.71	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.42%
35) Dibromofluoromethane	7.805	113	73183	52.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.06%
50) Toluene-d8	10.269	98	291750	56.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.88%
62) 4-Bromofluorobenzene	12.569	95	83165	55.48	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.96%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	63237	50.63	ug/l	100
3) Chloromethane	2.152	50	103828	52.64	ug/l	99
4) Vinyl Chloride	2.287	62	149736	51.47	ug/l	96
5) Bromomethane	2.693	94	135189	48.53	ug/l	99
6) Chloroethane	2.840	64	120259	53.00	ug/l	96
7) Trichlorofluoromethane	3.175	101	126840	55.11	ug/l	95
8) Diethyl Ether	3.593	74	35260	52.47	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	68725	47.58	ug/l	99
10) Methyl Iodide	4.169	142	71272	41.71	ug/l	97
11) Tert butyl alcohol	5.052	59	15490	275.19	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	72153	52.54	ug/l	83
13) Acrolein	3.793	56	35311	400.46	ug/l	98
14) Allyl chloride	4.558	41	79468	51.86	ug/l	98
15) Acrylonitrile	5.246	53	69583	256.85	ug/l	97
16) Acetone	4.017	43	64627	265.71	ug/l	90
17) Carbon Disulfide	4.275	76	224228	49.81	ug/l	97
18) Methyl Acetate	4.558	43	25278	48.43	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	144134	52.05	ug/l	95
20) Methylene Chloride	4.799	84	79682	47.84	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	76851	47.43	ug/l	99
22) Diisopropyl ether	6.216	45	179595	51.55	ug/l	95
23) Vinyl Acetate	6.152	43	556105	272.90	ug/l	100
24) 1,1-Dichloroethane	6.105	63	124937	47.83	ug/l	98
25) 2-Butanone	7.075	43	83081	256.93	ug/l	97
26) 2,2-Dichloropropane	7.075	77	108880	49.27	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	87996	47.61	ug/l	97
28) Bromochloromethane	7.422	49	51407	55.21	ug/l	99
29) Tetrahydrofuran	7.440	42	47788	271.71	ug/l	99
30) Chloroform	7.593	83	135439	46.51	ug/l	100
31) Cyclohexane	7.881	56	101242	47.89	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	117787	47.67	ug/l	100
36) 1,1-Dichloropropene	8.005	75	96859	47.91	ug/l	99
37) Ethyl Acetate	7.169	43	33393	50.57	ug/l	99
38) Carbon Tetrachloride	7.993	117	109068	51.18	ug/l	97
39) Methylcyclohexane	9.275	83	117469	50.09	ug/l	98
40) Benzene	8.252	78	310778	50.86	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16337	47.21	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	73860	49.56	ug/l	98
43) Isopropyl Acetate	8.357	43	64865	54.01	ug/l	96
44) Trichloroethene	9.028	130	75927	45.78	ug/l	90
45) 1,2-Dichloropropane	9.304	63	69507	47.95	ug/l	100
46) Dibromomethane	9.393	93	41507	47.77	ug/l	98
47) Bromodichloromethane	9.587	83	103787	50.17	ug/l	95
48) Methyl methacrylate	9.381	41	30844	52.71	ug/l	99
49) 1,4-Dioxane	9.387	88	9042	1123.85	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	176086	280.45	ug/l	98
52) Toluene	10.334	92	200057	50.85	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	92428	48.87	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	110057	48.40	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	55810	47.96	ug/l	94
56) Ethyl methacrylate	10.599	69	65778	56.39	ug/l	96
57) 1,3-Dichloropropane	10.875	76	91066	48.50	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	134755	261.98	ug/l	99
59) 2-Hexanone	10.922	43	131525	282.58	ug/l	98
60) Dibromochloromethane	11.075	129	75279	52.46	ug/l	100
61) 1,2-Dibromoethane	11.181	107	53731	47.71	ug/l	99
64) Tetrachloroethene	10.810	164	65422	48.87	ug/l	95
65) Chlorobenzene	11.604	112	219173	51.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	75254	48.61	ug/l	99
67) Ethyl Benzene	11.681	91	372176	51.66	ug/l	98
68) m/p-Xylenes	11.793	106	302330	103.35	ug/l	99
69) o-Xylene	12.122	106	135743	50.15	ug/l	95
70) Styrene	12.134	104	245080	53.95	ug/l	99
71) Bromoform	12.298	173	41525	49.63	ug/l #	98
73) Isopropylbenzene	12.422	105	355389	49.15	ug/l	98
74) N-amyl acetate	12.234	43	64539	54.97	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	62621	46.78	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	75975	89.79	ug/l #	100
77) Bromobenzene	12.698	156	84229	46.97	ug/l	96
78) n-propylbenzene	12.763	91	425902	48.39	ug/l	99
79) 2-Chlorotoluene	12.851	91	230018	47.64	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	288070	48.17	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	21948	54.37	ug/l	97
82) 4-Chlorotoluene	12.945	91	249505	48.85	ug/l	98
83) tert-Butylbenzene	13.163	119	257264	49.90	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	296308	49.17	ug/l	97
85) sec-Butylbenzene	13.345	105	381830	48.94	ug/l	98
86) p-Isopropyltoluene	13.463	119	330207	49.43	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	179085	47.32	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	172474	46.25	ug/l	99
89) n-Butylbenzene	13.787	91	296176	49.10	ug/l	99
90) Hexachloroethane	14.051	117	64626	46.76	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	154241	47.32	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9098	50.81	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	88516	46.54	ug/l	97
94) Hexachlorobutadiene	15.198	225	45626	44.31	ug/l	98
95) Naphthalene	15.334	128	165294	49.98	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	78069	47.44	ug/l	98

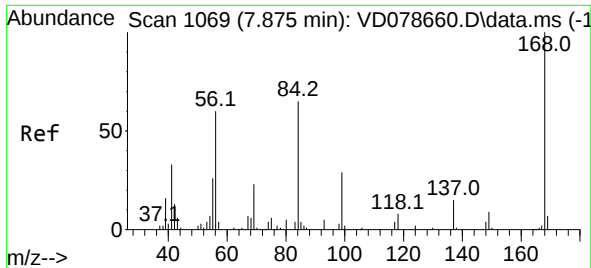
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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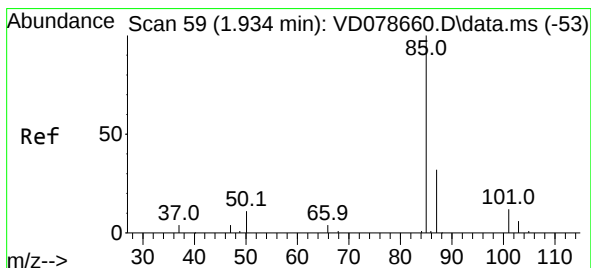
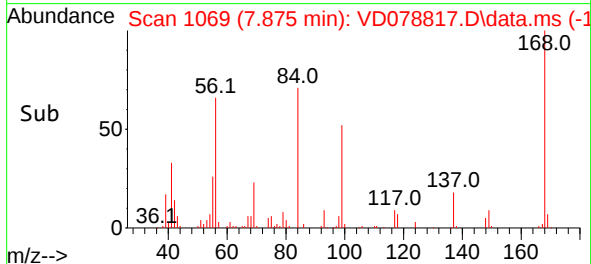
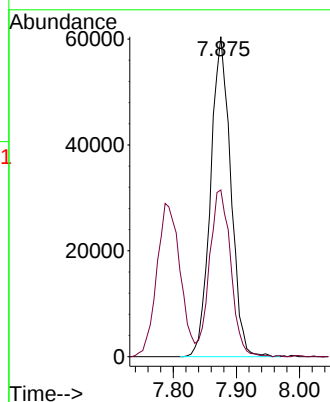
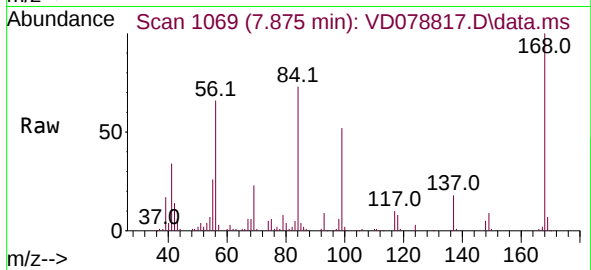
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

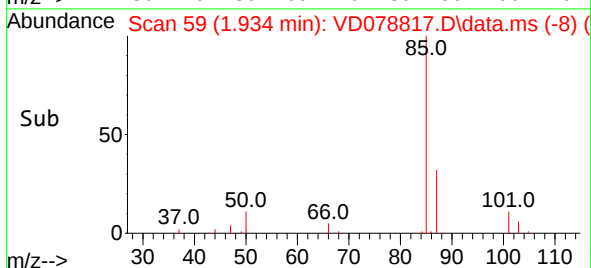
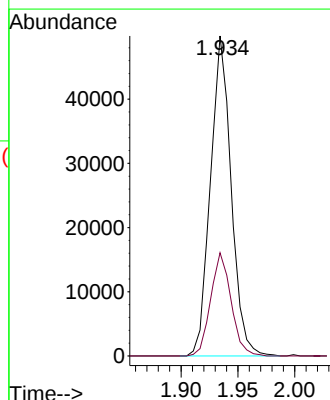
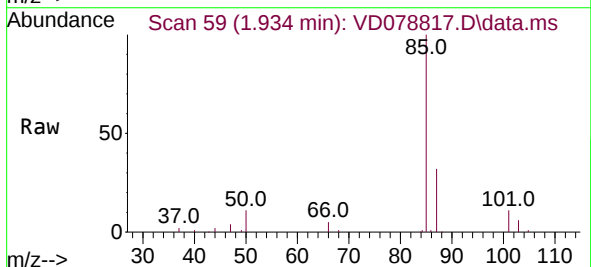
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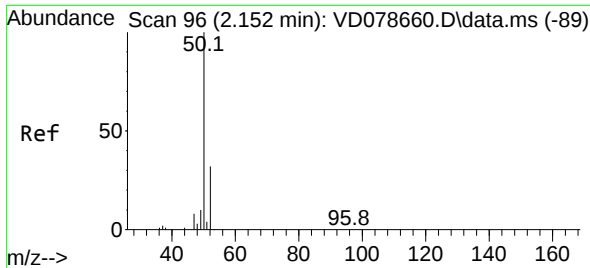
Tgt Ion:168 Resp: 134211
Ion Ratio Lower Upper
168 100
99 51.8 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 50.63 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 85 Resp: 63237
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.5

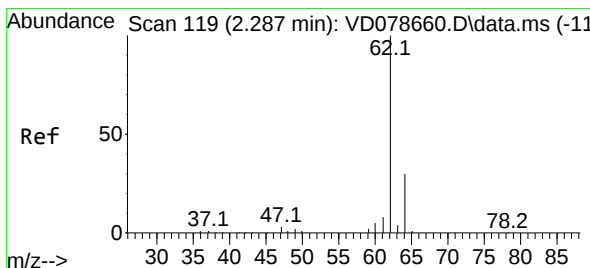
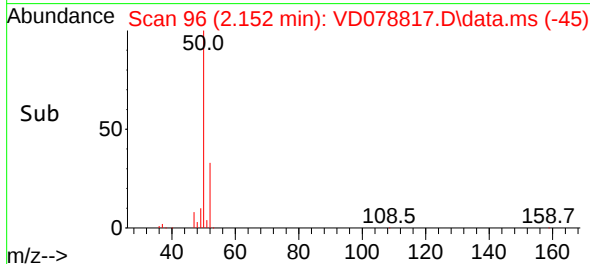
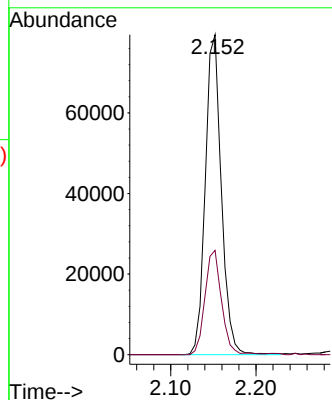
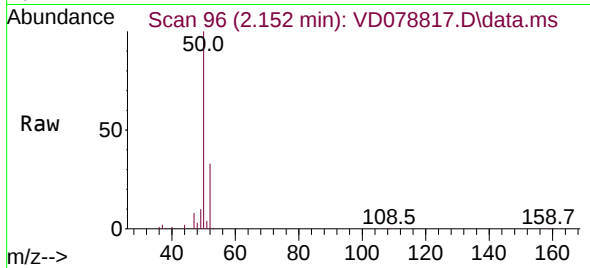




#3
Chloromethane
Concen: 52.64 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

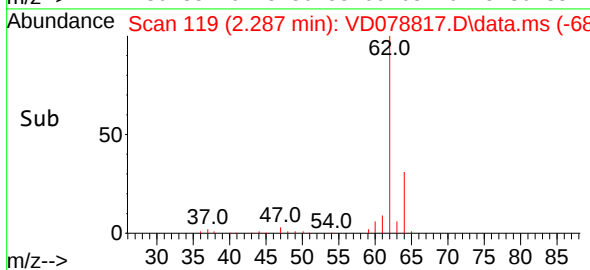
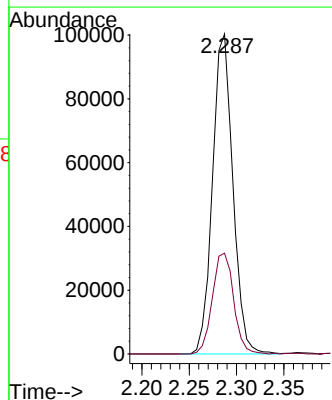
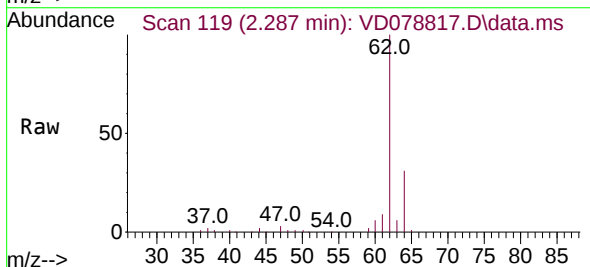
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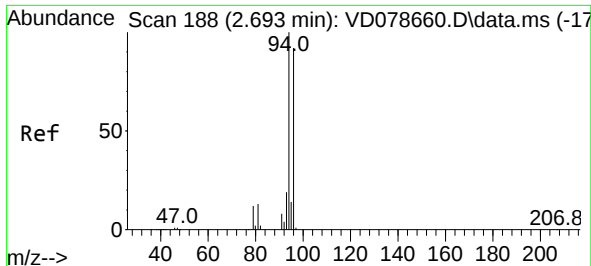
Tgt Ion: 50 Resp: 103828
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 51.47 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 62 Resp: 149736
Ion Ratio Lower Upper
62 100
64 31.5 23.7 35.5

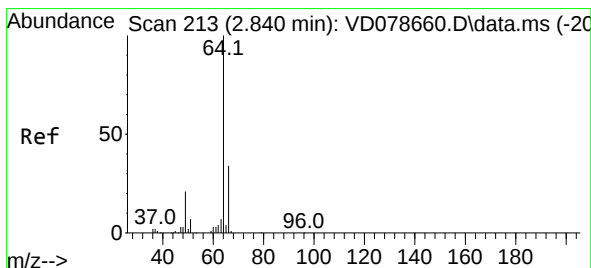
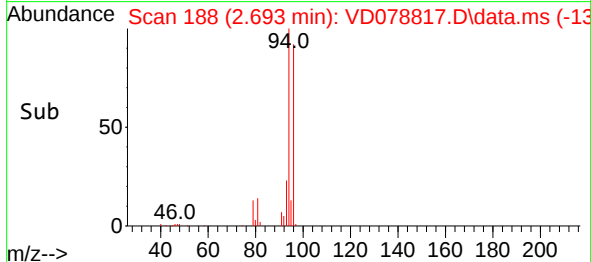
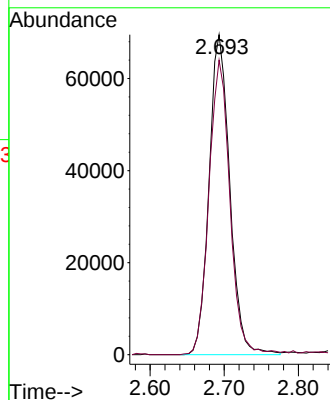
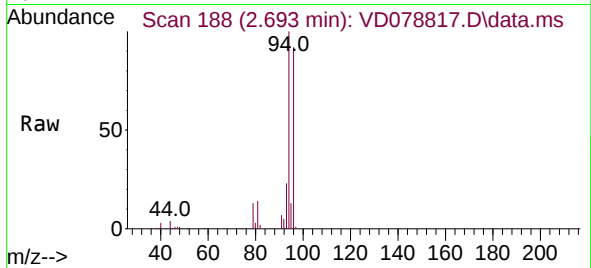




#5
Bromomethane
Concen: 48.53 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

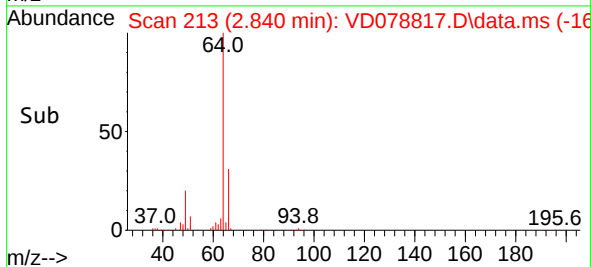
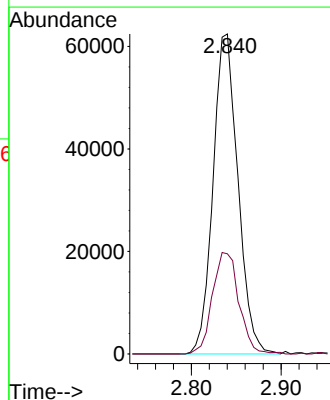
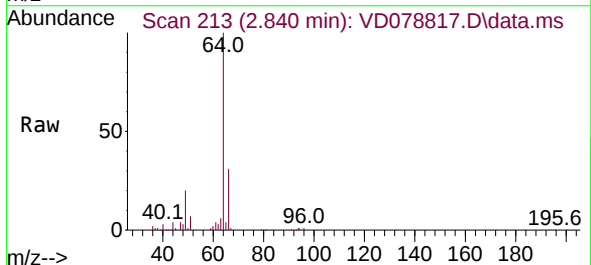
Instrument :
MSVOA_D
ClientSampleId :

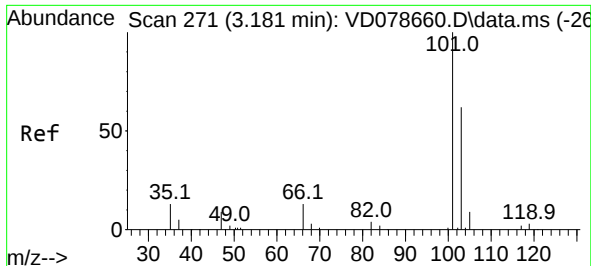
Tgt Ion: 94 Resp: 135189
Ion Ratio Lower Upper
94 100
96 92.6 73.5 110.3



#6
Chloroethane
Concen: 53.00 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 64 Resp: 120259
Ion Ratio Lower Upper
64 100
66 31.3 26.8 40.2

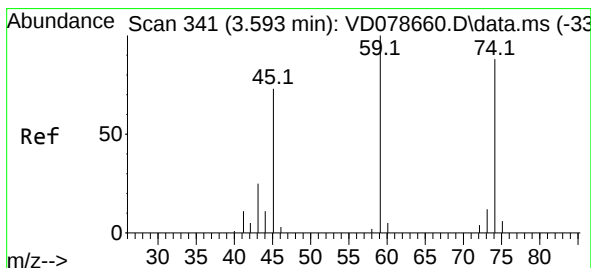
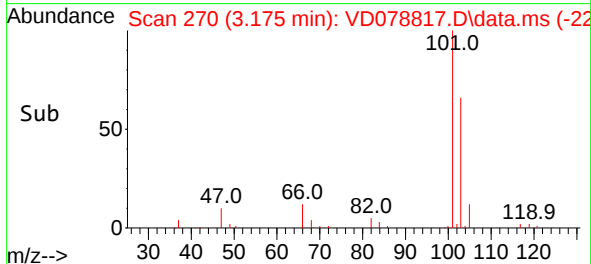
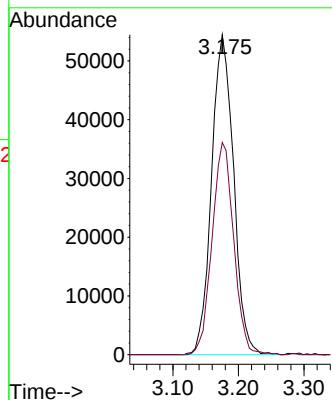
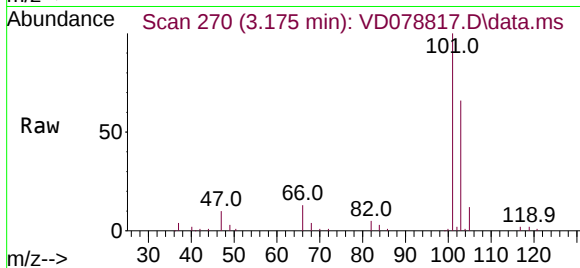




#7
Trichlorofluoromethane
Concen: 55.11 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

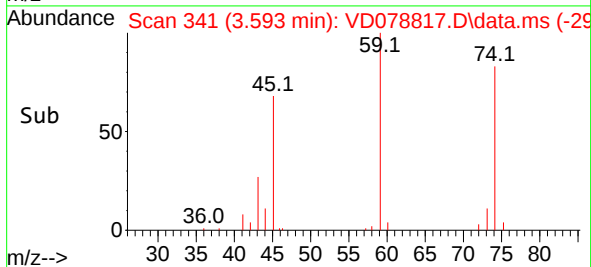
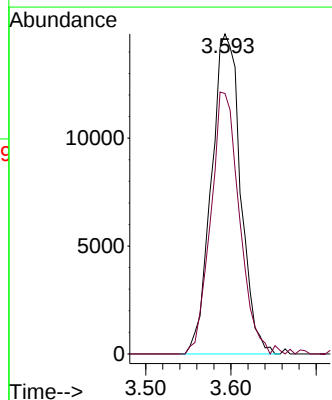
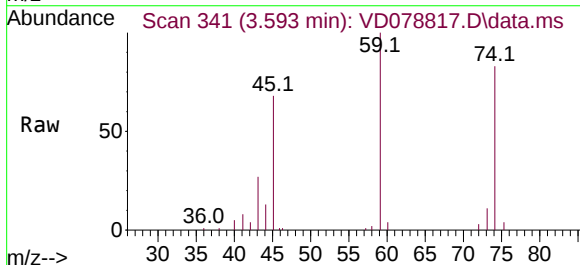
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 126840
Ion Ratio Lower Upper
101 100
103 66.3 49.7 74.5



#8
Diethyl Ether
Concen: 52.47 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 74 Resp: 35260
Ion Ratio Lower Upper
74 100
45 80.5 42.4 127.3

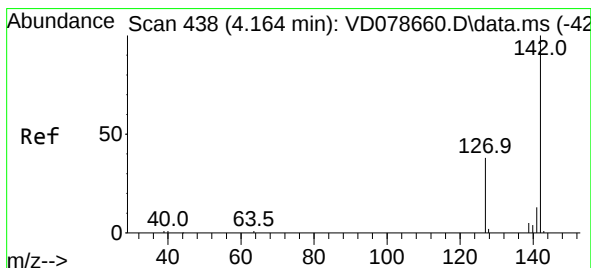
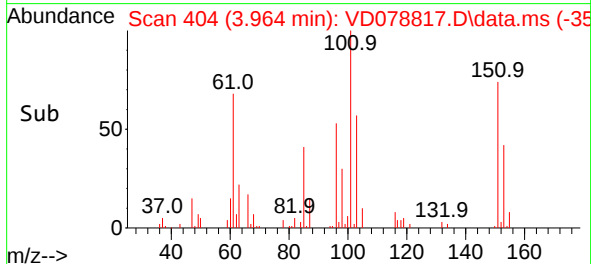
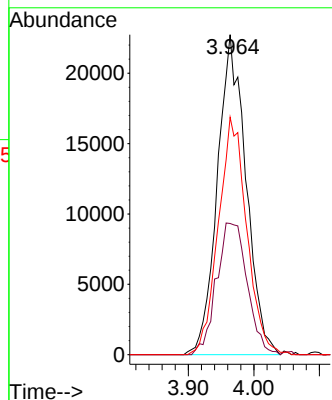
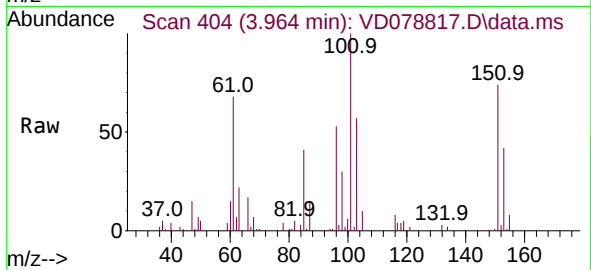




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.58 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

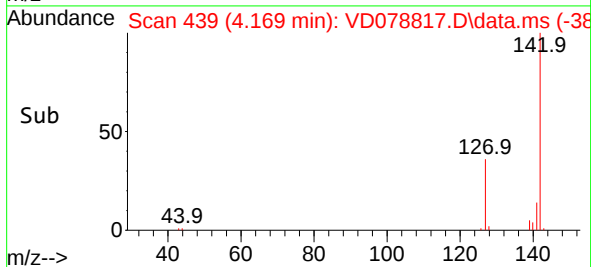
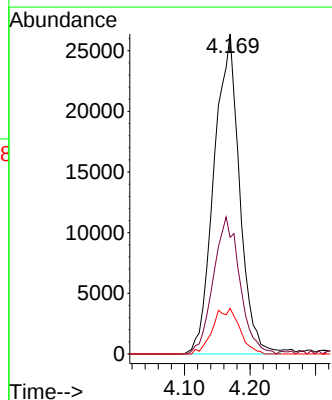
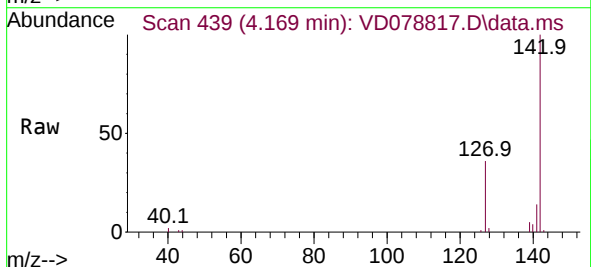
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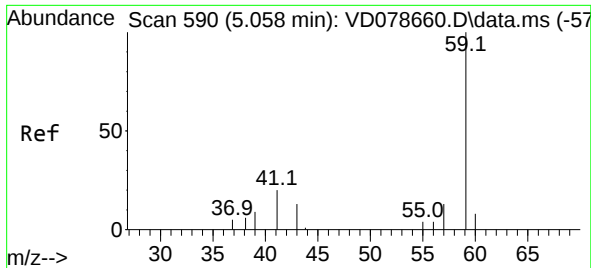
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Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.6
151 73.9 59.4 89.2



#10
Methyl Iodide
Concen: 41.71 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

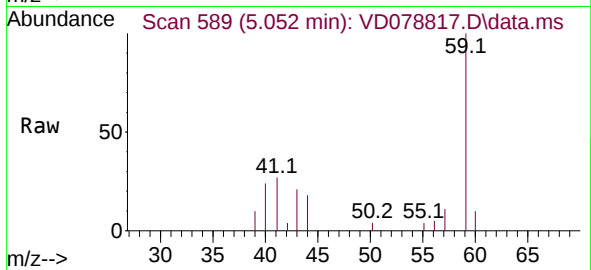
Tgt Ion:142 Resp: 71272
Ion Ratio Lower Upper
142 100
127 44.5 33.5 50.3
141 15.0 11.7 17.5



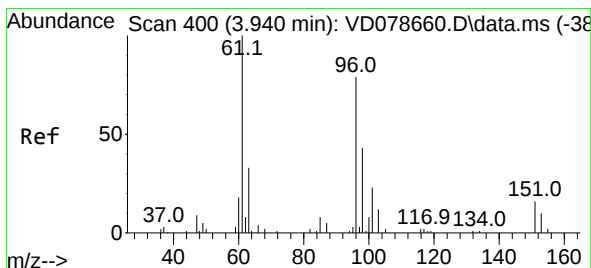
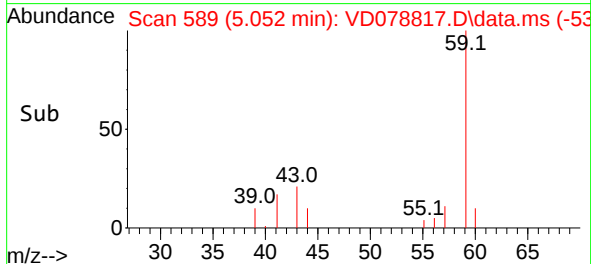
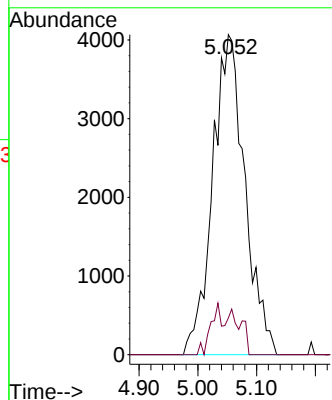


#11
Tert butyl alcohol
Concen: 275.19 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

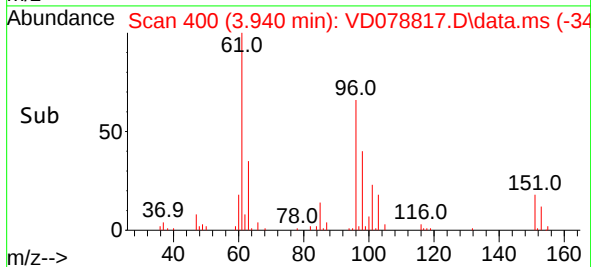
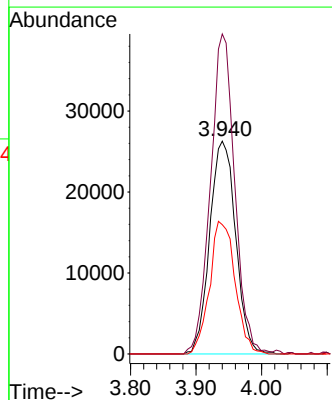
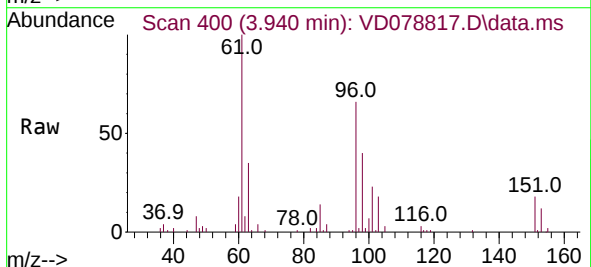


Tgt Ion: 59 Resp: 15490
Ion Ratio Lower Upper
59 100
57 6.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 52.54 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

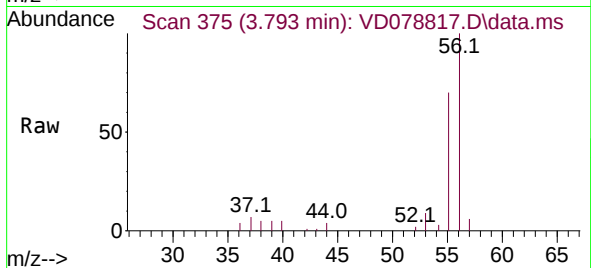
Tgt Ion: 96 Resp: 72153
Ion Ratio Lower Upper
96 100
61 150.4 101.4 152.0
98 60.8 43.4 65.0



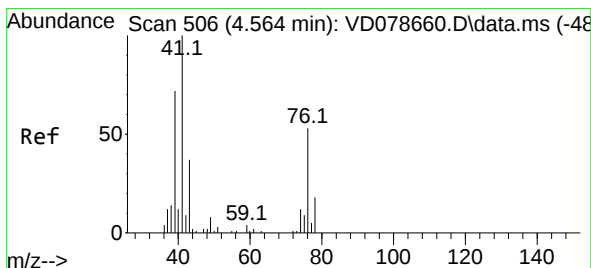
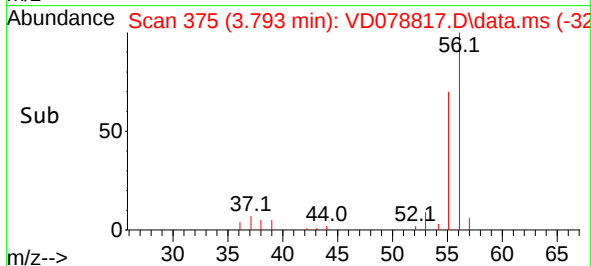
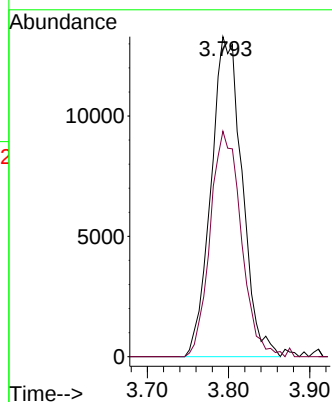


#13
Acrolein
Concen: 400.46 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

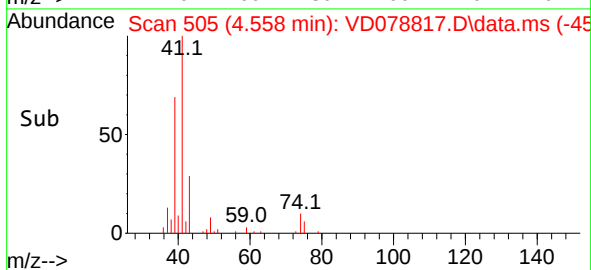
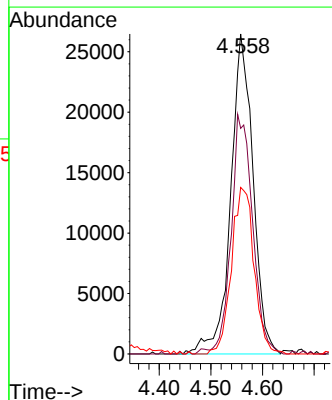
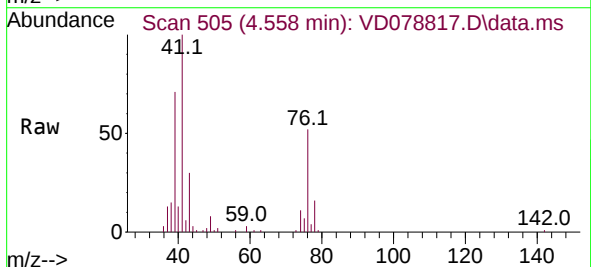


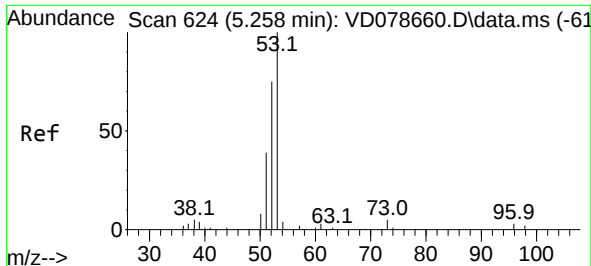
Tgt Ion: 56 Resp: 35311
Ion Ratio Lower Upper
56 100
55 70.1 54.9 82.3



#14
Allyl chloride
Concen: 51.86 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 41 Resp: 79468
Ion Ratio Lower Upper
41 100
39 71.5 57.8 86.6
76 52.7 44.8 67.2





#15

Acrylonitrile

Concen: 256.85 ug/l

RT: 5.246 min Scan# 61

Delta R.T. -0.012 min

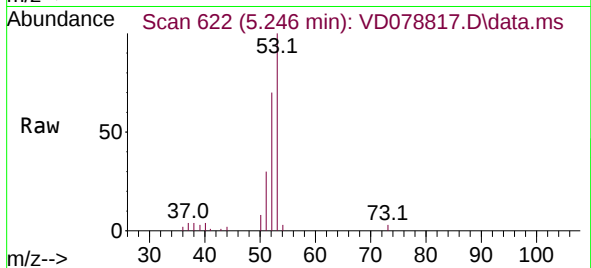
Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

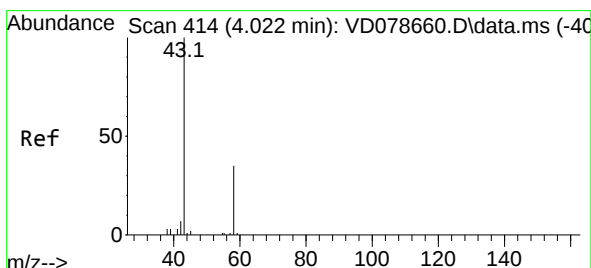
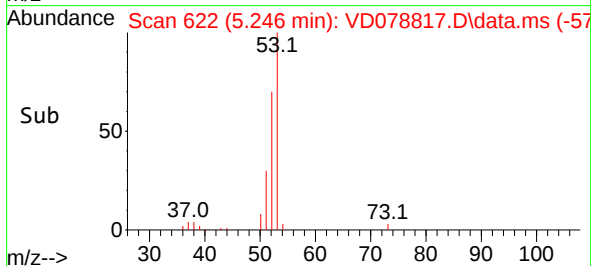
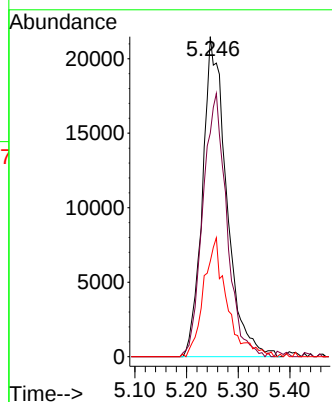
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 53	Resp: 69583
Ion Ratio	Lower Upper
53 100	
52 81.5	61.9 92.9
51 36.0	29.0 43.4



#16

Acetone

Concen: 265.71 ug/l

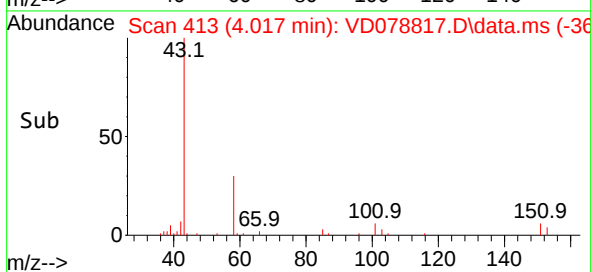
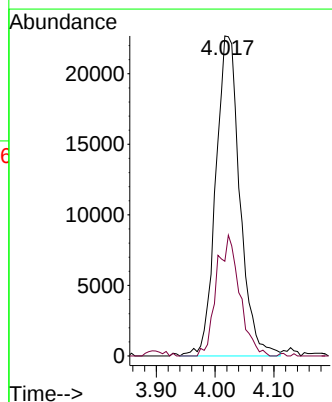
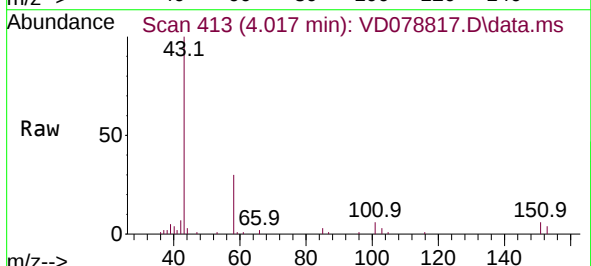
RT: 4.017 min Scan# 413

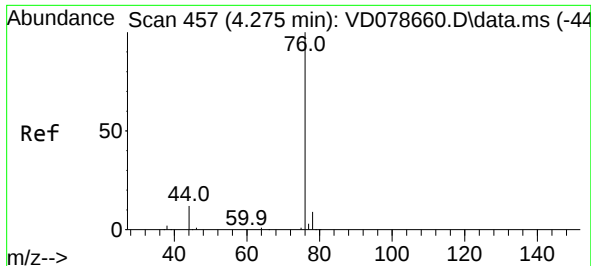
Delta R.T. -0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Tgt Ion: 43	Resp: 64627		
Ion Ratio	Lower	Upper	
43 100			
58 29.6	28.2	42.4	

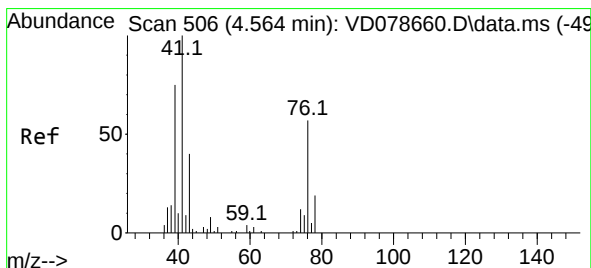
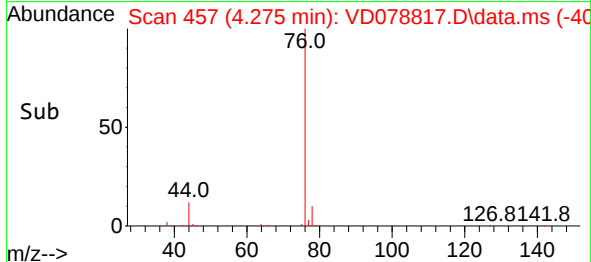
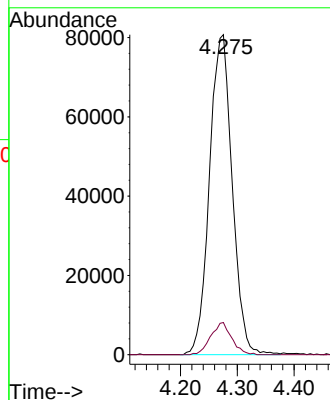
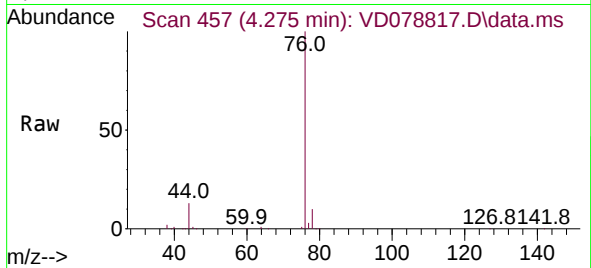




#17
Carbon Disulfide
Concen: 49.81 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

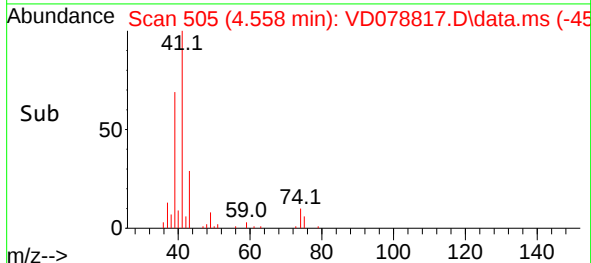
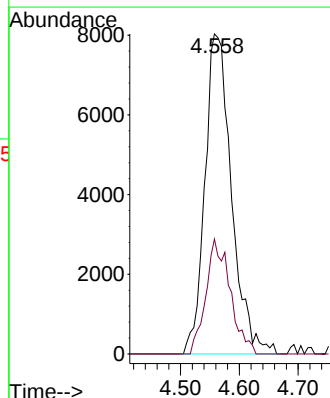
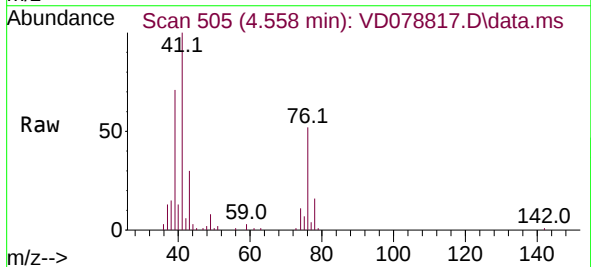
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 224228
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#18
Methyl Acetate
Concen: 48.43 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 43 Resp: 25278
Ion Ratio Lower Upper
43 100
74 32.7 25.3 37.9

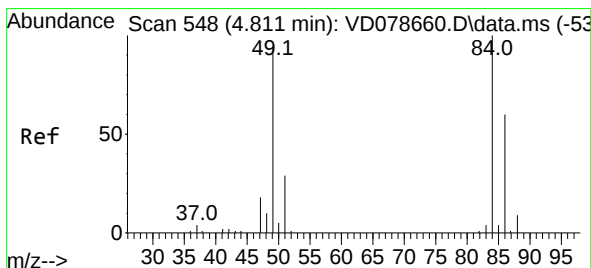
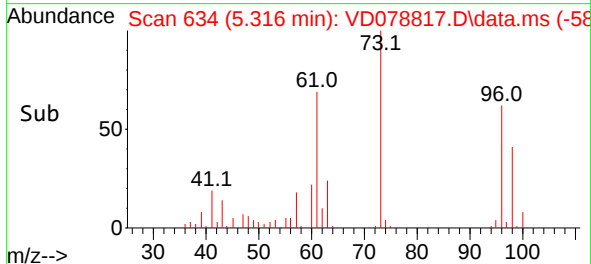
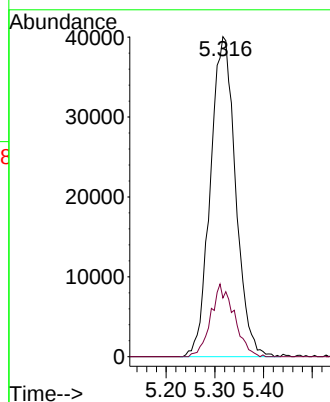
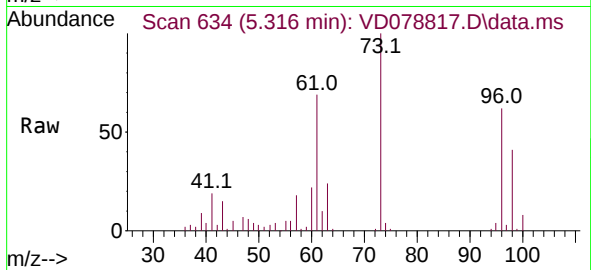




#19
Methyl tert-butyl Ether
Concen: 52.05 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

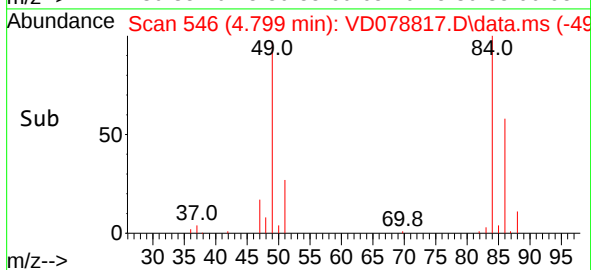
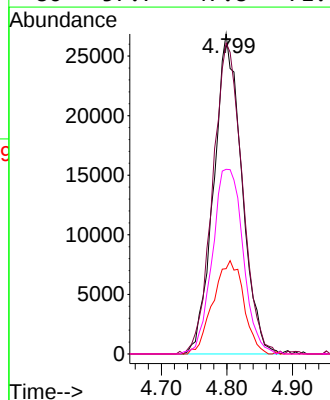
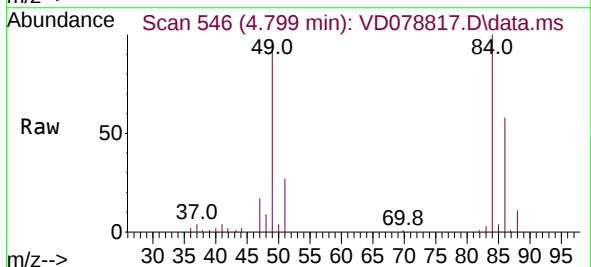
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 144134
Ion Ratio Lower Upper
73 100
57 18.3 16.4 24.6



#20
Methylene Chloride
Concen: 47.84 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

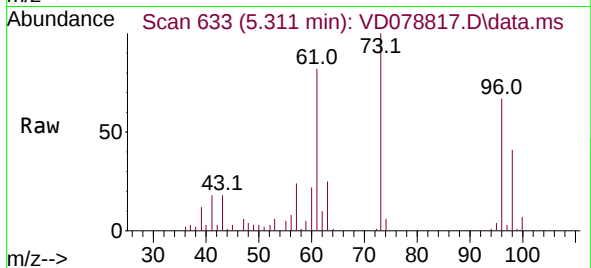
Tgt Ion: 84 Resp: 79682
Ion Ratio Lower Upper
84 100
49 96.4 75.6 113.4
51 26.7 23.4 35.0
86 57.7 47.8 71.6



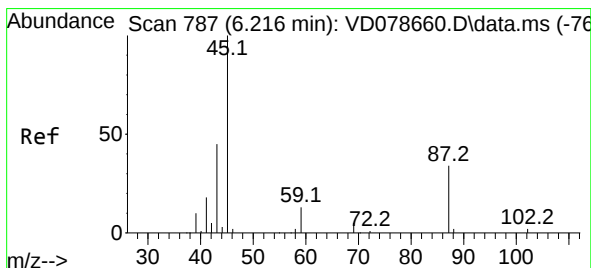
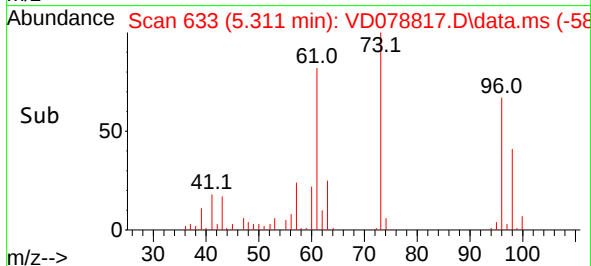
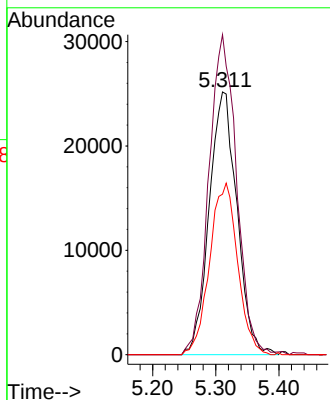


#21
trans-1,2-Dichloroethene
Concen: 47.43 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

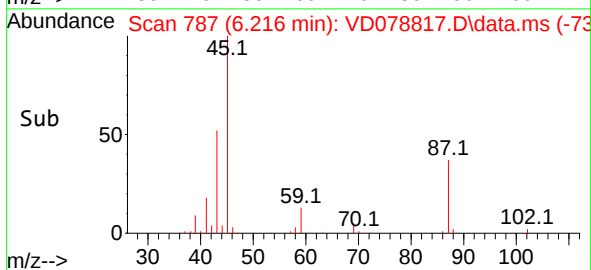
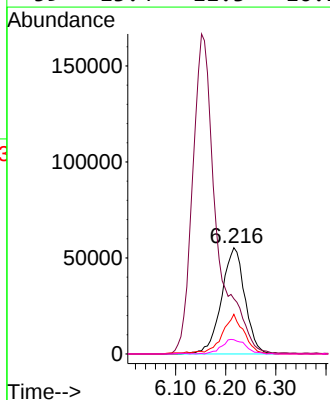
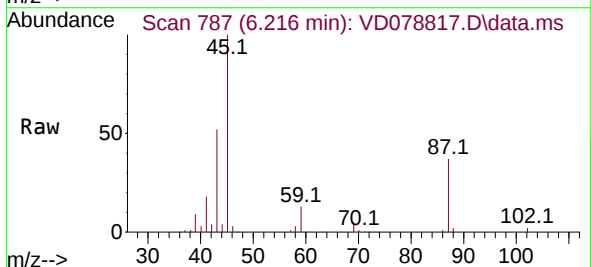


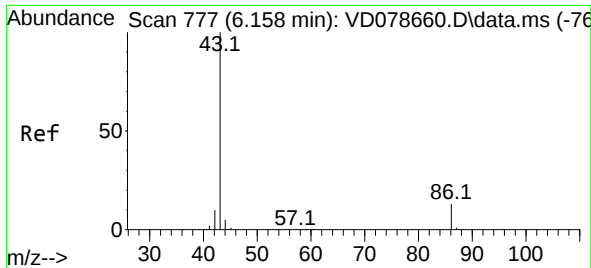
Tgt Ion:	96	Resp:	76851
Ion Ratio	Lower	Upper	
96	100		
61	121.8	96.1	144.1
98	61.1	48.9	73.3



#22
Diisopropyl ether
Concen: 51.55 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion:	45	Resp:	179595
Ion Ratio	Lower	Upper	
45	100		
43	51.0	44.3	66.5
87	37.3	28.3	42.5
59	13.4	11.3	16.9

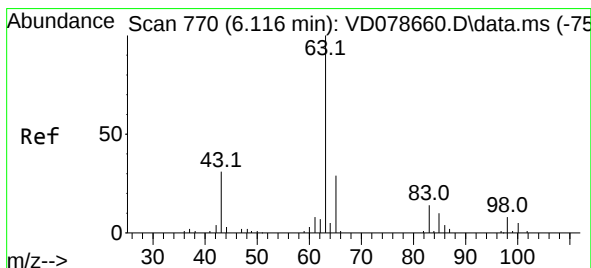
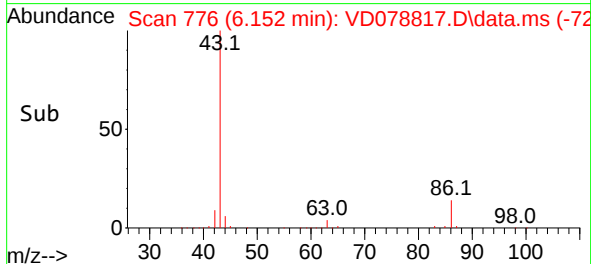
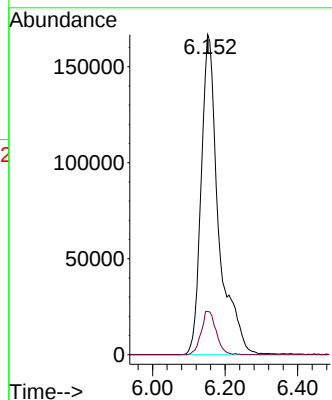
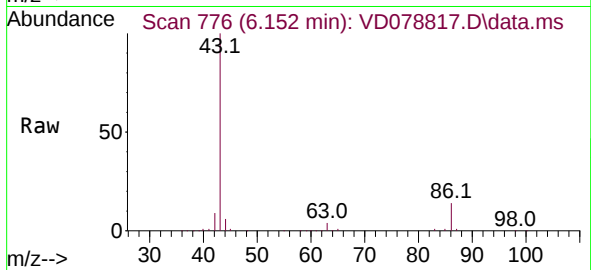




#23
 Vinyl Acetate
 Concen: 272.90 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

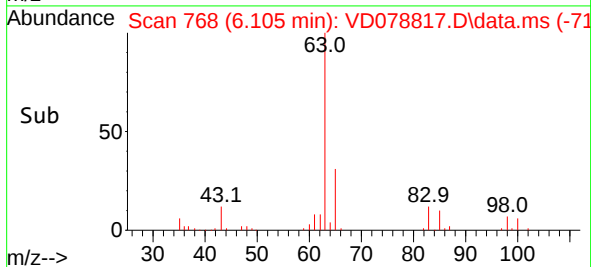
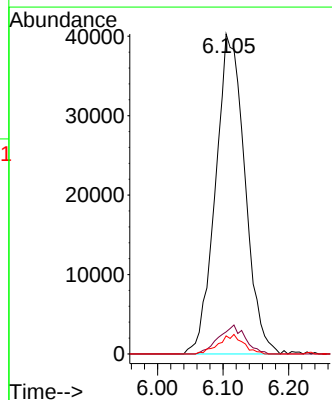
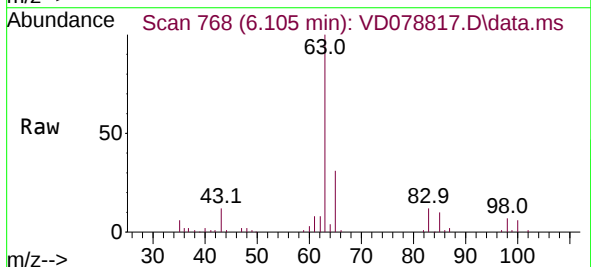
Instrument :
 MSVOA_D
 ClientSampleId :

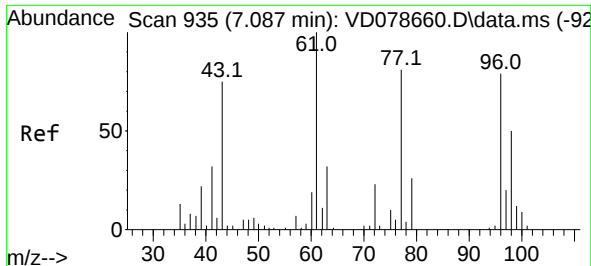
Tgt Ion: 43 Resp: 556105
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 47.83 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

Tgt Ion: 63 Resp: 124937
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 11.9
 100 5.7 2.7 8.1

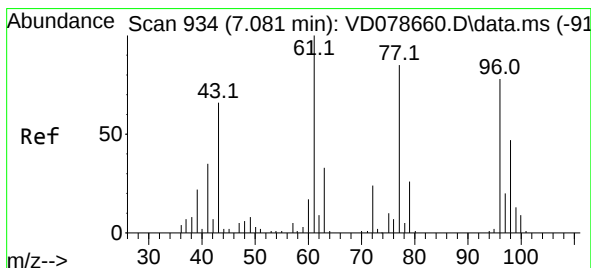
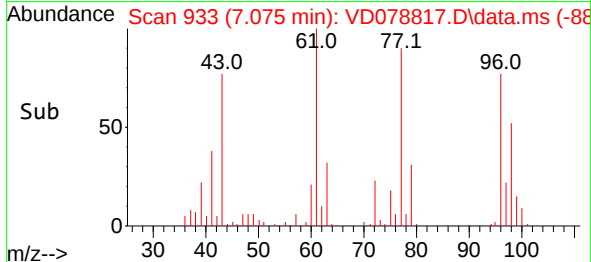
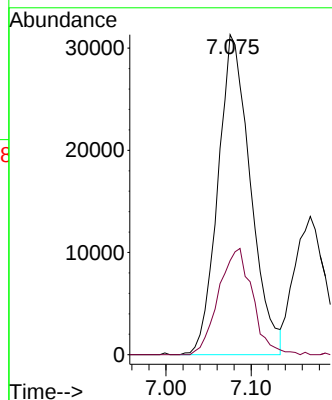
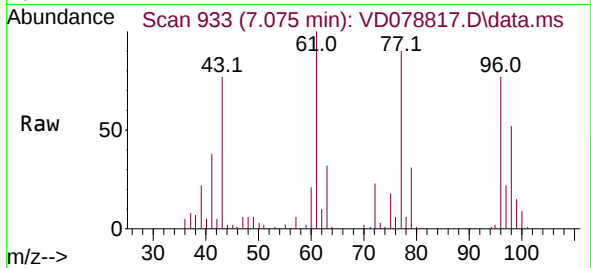




#25
2-Butanone
Concen: 256.93 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

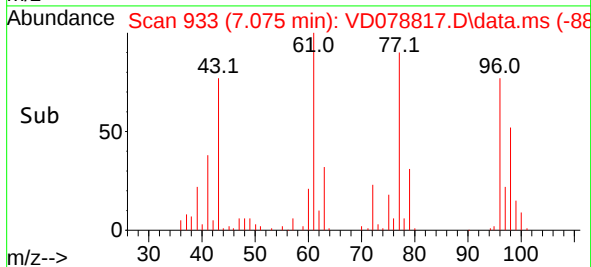
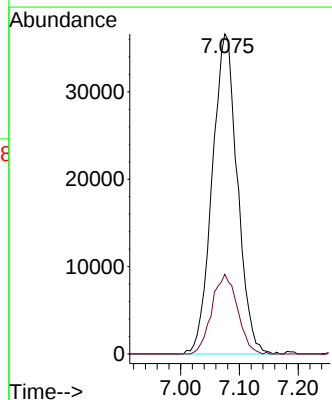
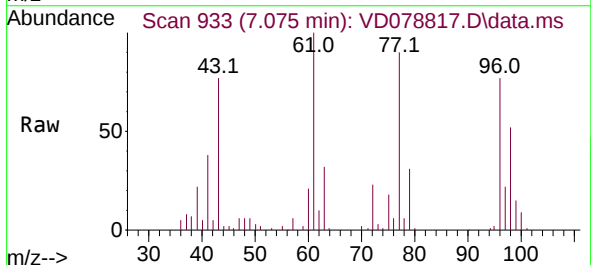
Instrument :
MSVOA_D
ClientSampleId :

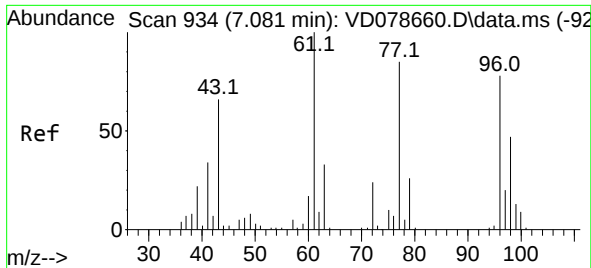
Tgt Ion: 43 Resp: 83081
Ion Ratio Lower Upper
43 100
72 29.4 25.0 37.6



#26
2,2-Dichloropropane
Concen: 49.27 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 77 Resp: 108880
Ion Ratio Lower Upper
77 100
97 25.4 12.4 37.0



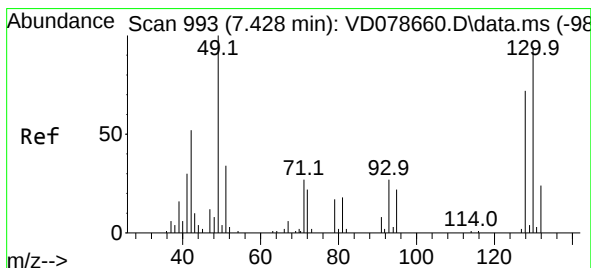
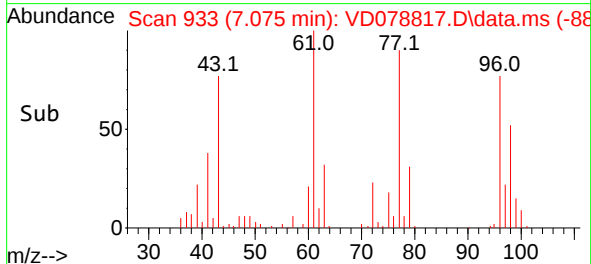
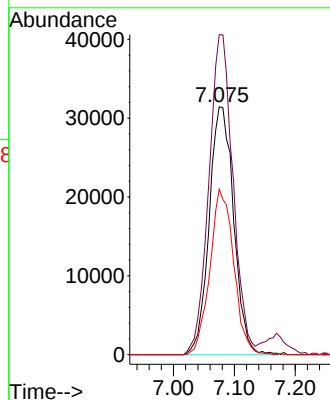
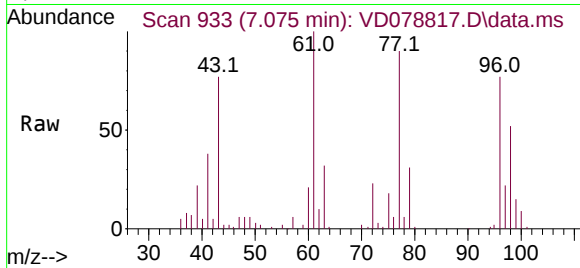


#27
 cis-1,2-Dichloroethene
 Concen: 47.61 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 87996

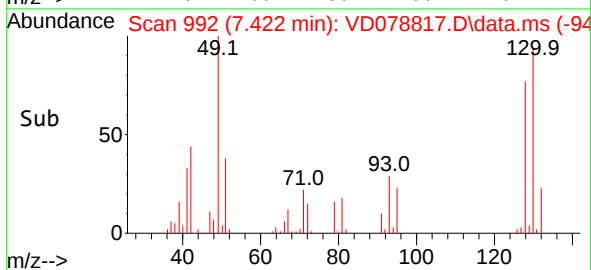
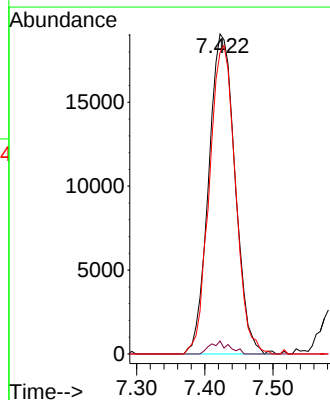
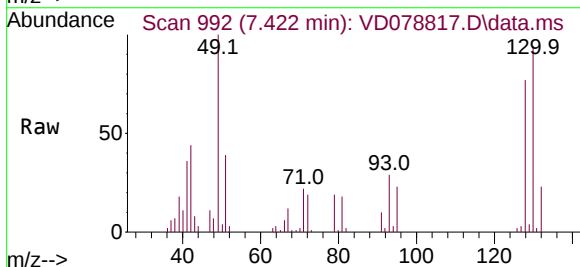
Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	245.0
98	64.7	0.0	126.6

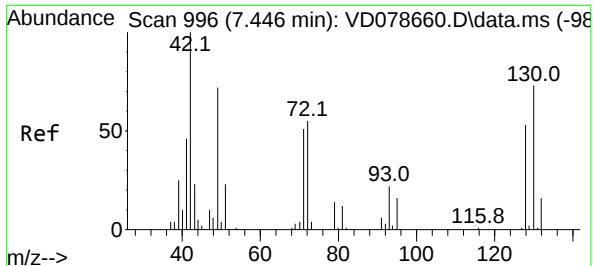


#28
 Bromochloromethane
 Concen: 55.21 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

Tgt Ion: 49 Resp: 51407

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	6.2
130	95.0	77.1	115.7





#29

Tetrahydrofuran

Concen: 271.71 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

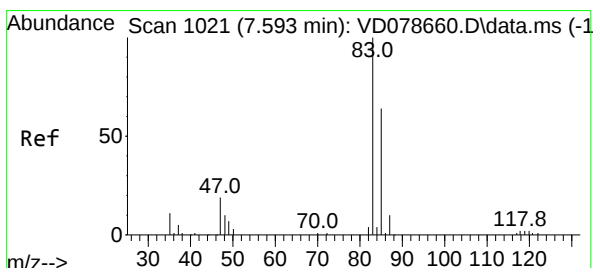
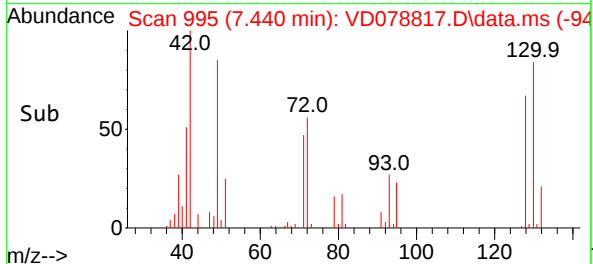
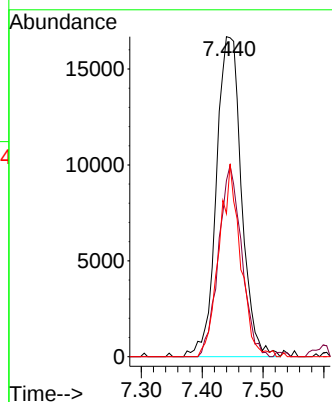
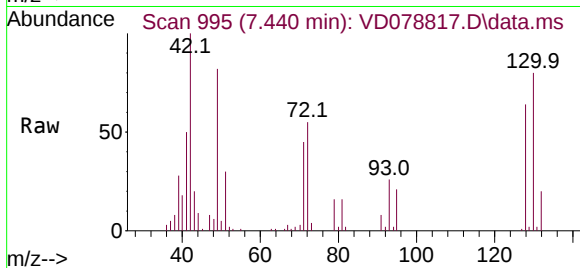
Tgt Ion: 42 Resp: 47788

Ion Ratio Lower Upper

42 100

72 55.0 43.8 65.6

71 51.8 42.0 63.0



#30

Chloroform

Concen: 46.51 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078817.D

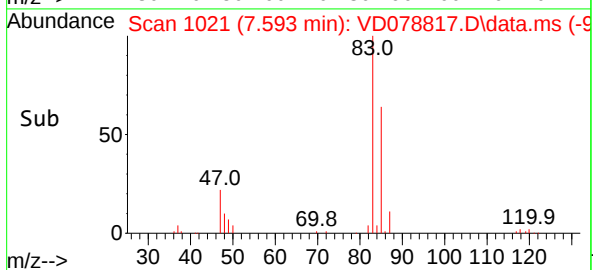
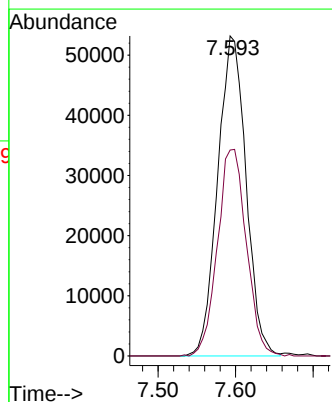
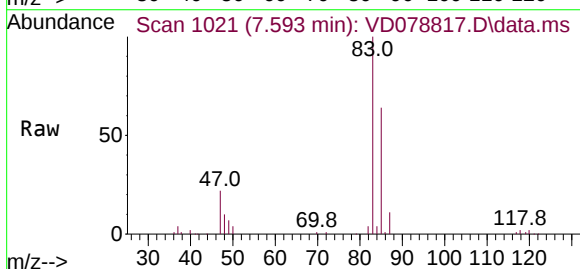
Acq: 16 Apr 2024 10:44

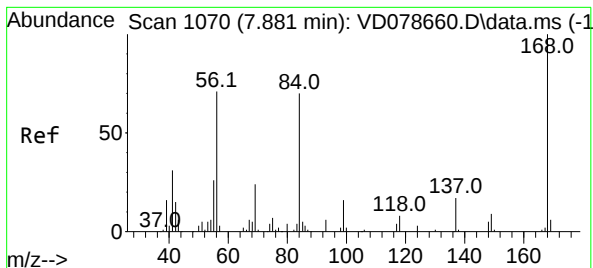
Tgt Ion: 83 Resp: 135439

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8





#31

Cyclohexane

Concen: 47.89 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

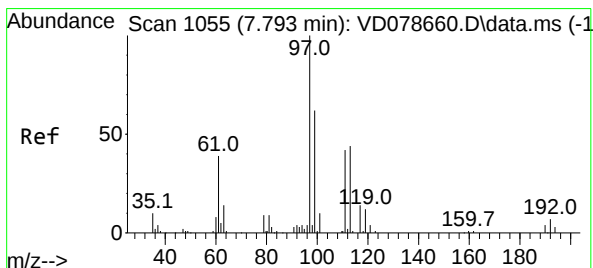
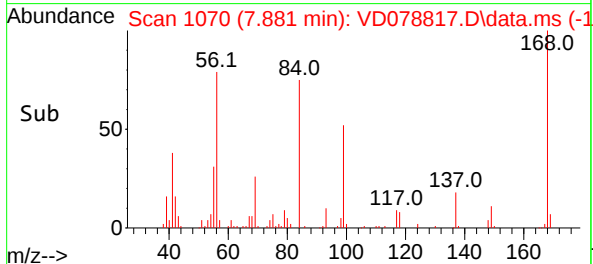
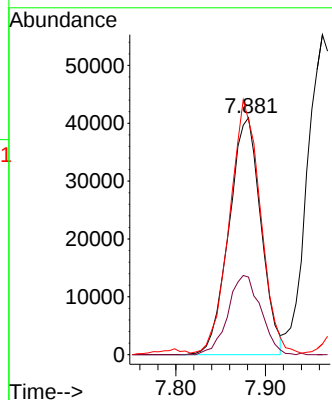
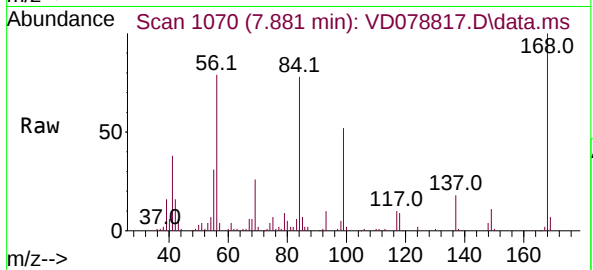
Tgt Ion: 56 Resp: 101242

Ion Ratio Lower Upper

56 100

69 32.7 26.6 40.0

84 97.6 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 47.67 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

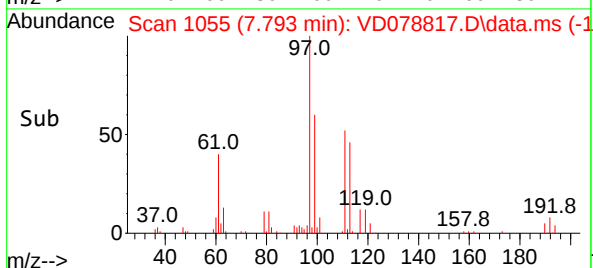
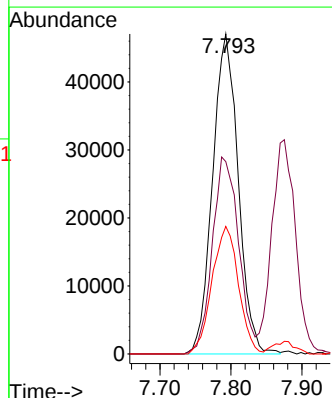
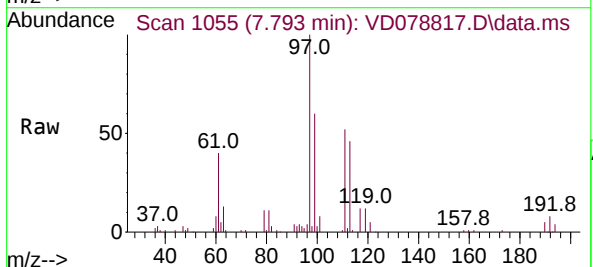
Tgt Ion: 97 Resp: 117787

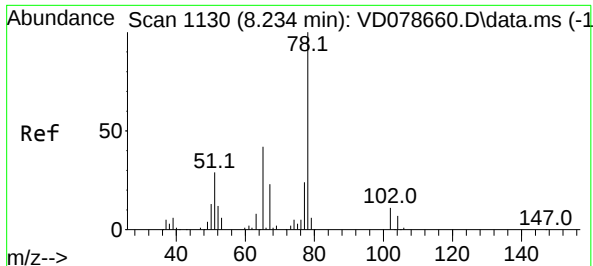
Ion Ratio Lower Upper

97 100

99 63.1 50.8 76.2

61 41.2 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 50.71 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

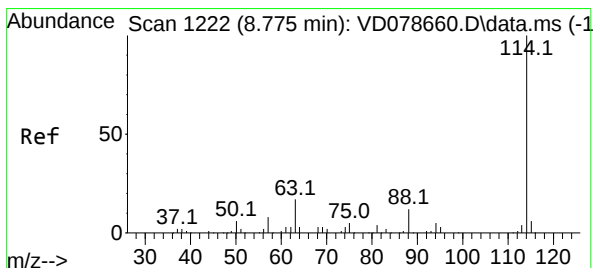
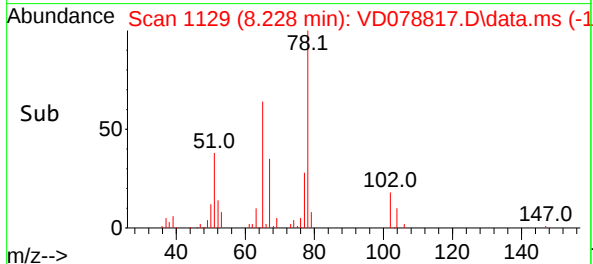
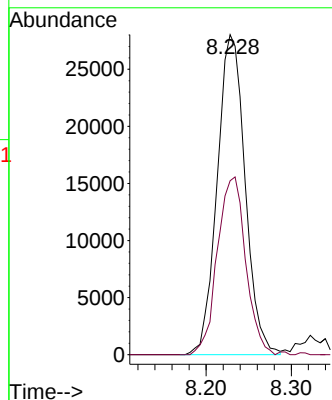
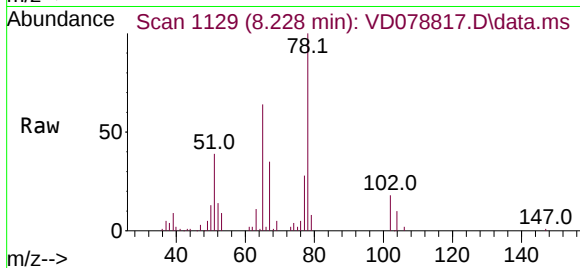
ClientSampleId :

Tgt Ion: 65 Resp: 63780

Ion Ratio Lower Upper

65 100

67 56.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

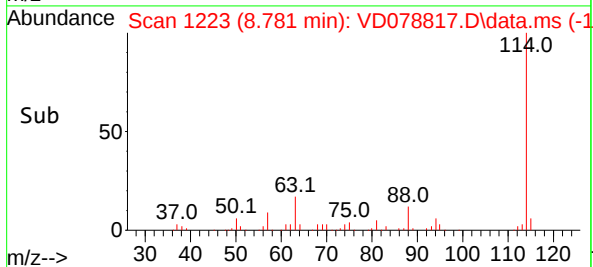
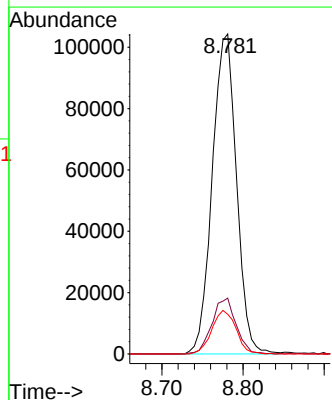
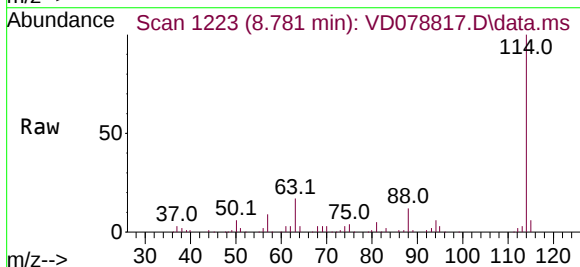
Tgt Ion: 114 Resp: 216392

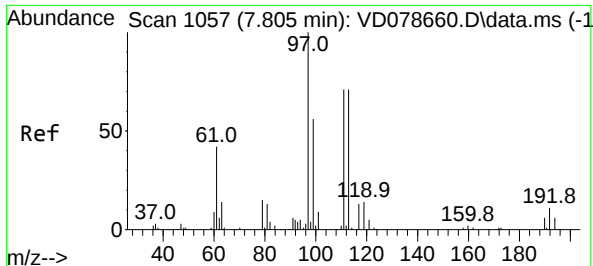
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

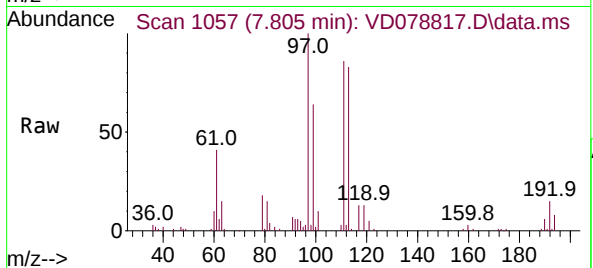
88 12.4 0.0 24.6



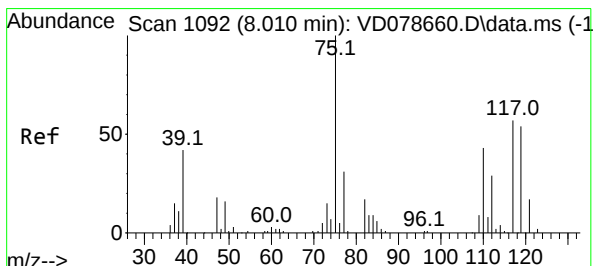
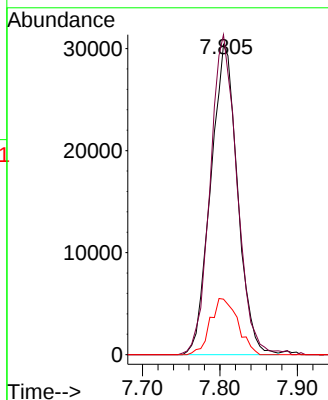
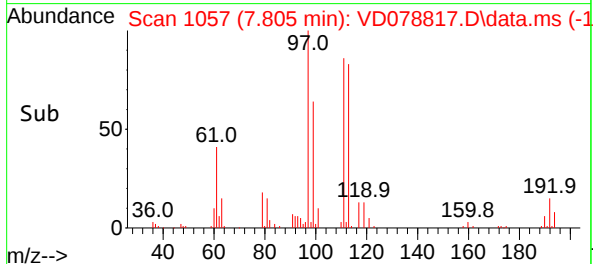


#35
Dibromofluoromethane
Concen: 52.53 ug/l
RT: 7.805 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

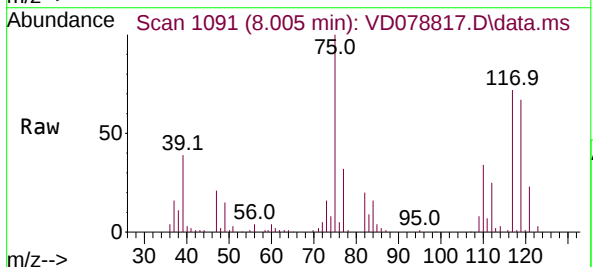
Instrument :
MSVOA_D
ClientSampleId :



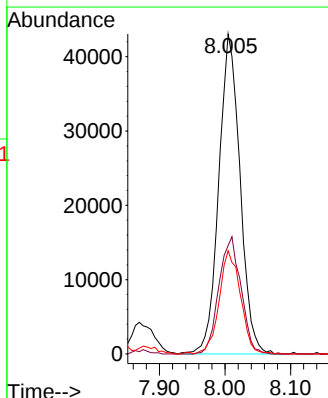
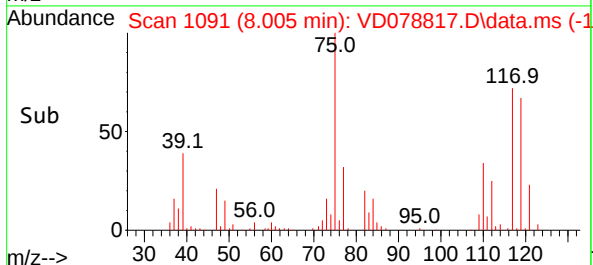
Tgt Ion:113 Resp: 73183
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 18.5 15.4 23.0

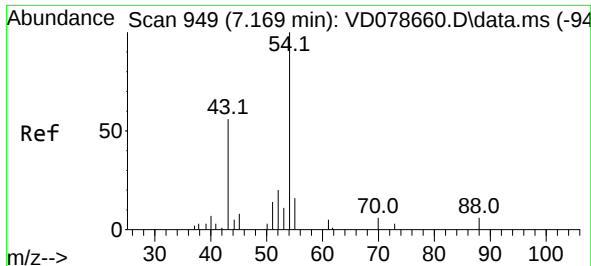


#36
1,1-Dichloropropene
Concen: 47.91 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44



Tgt Ion: 75 Resp: 96859
Ion Ratio Lower Upper
75 100
110 37.9 19.1 57.1
77 32.3 25.4 38.2





#37

Ethyl Acetate

Concen: 50.57 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

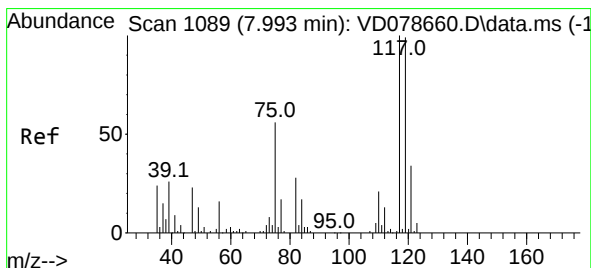
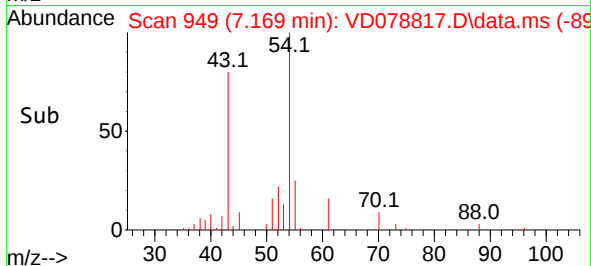
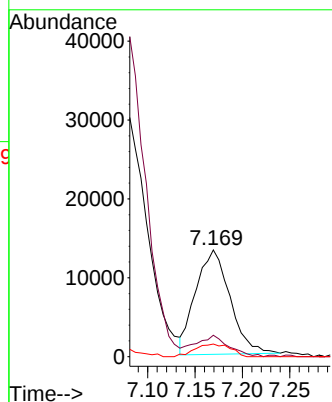
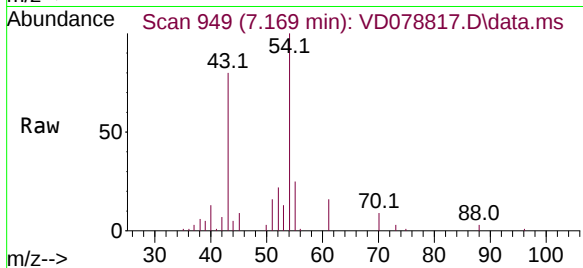
Tgt Ion: 43 Resp: 33393

Ion Ratio Lower Upper

43 100

61 18.6 14.6 21.8

70 12.5 9.4 14.0



#38

Carbon Tetrachloride

Concen: 51.18 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

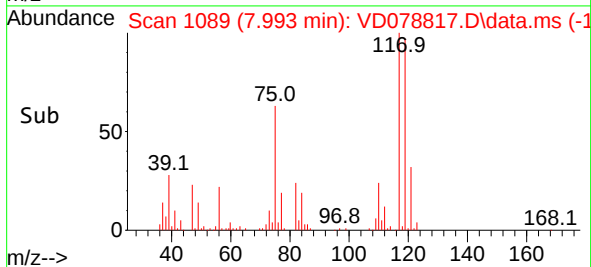
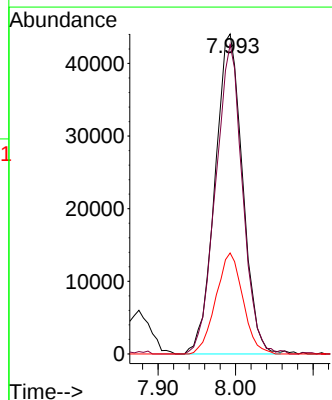
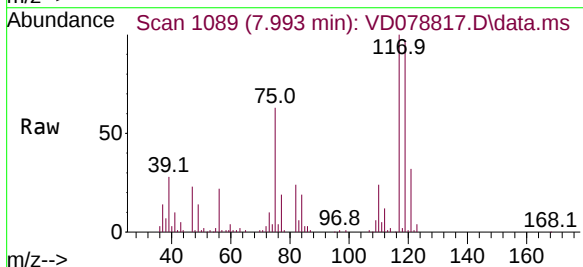
Tgt Ion:117 Resp: 109068

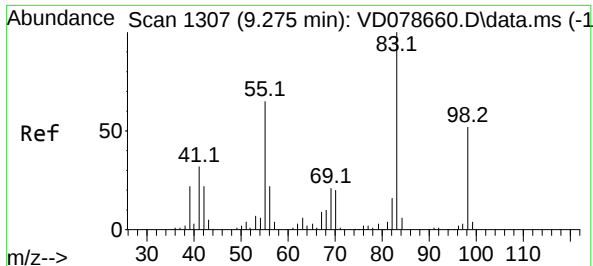
Ion Ratio Lower Upper

117 100

119 96.7 79.2 118.8

121 31.5 26.8 40.2





#39

Methylcyclohexane

Concen: 50.09 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

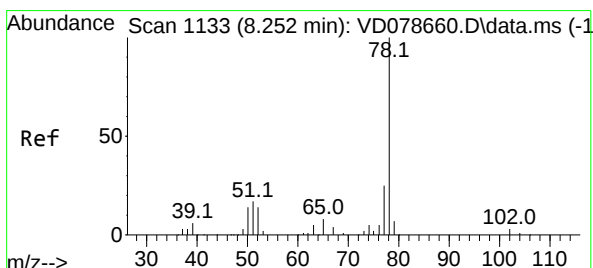
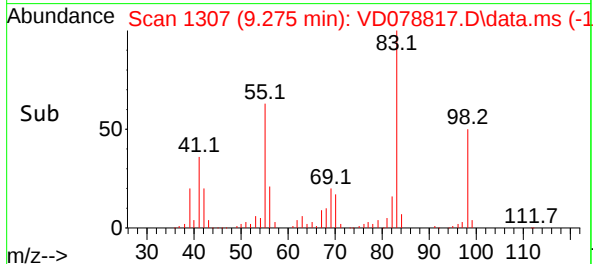
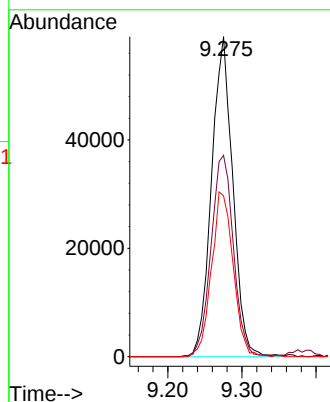
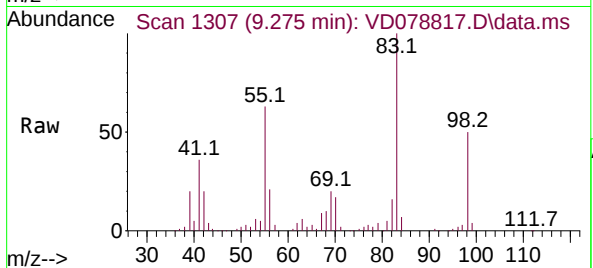
Tgt Ion: 83 Resp: 117469

Ion Ratio Lower Upper

83 100

55 62.9 51.7 77.5

98 50.3 41.4 62.0



#40

Benzene

Concen: 50.86 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078817.D

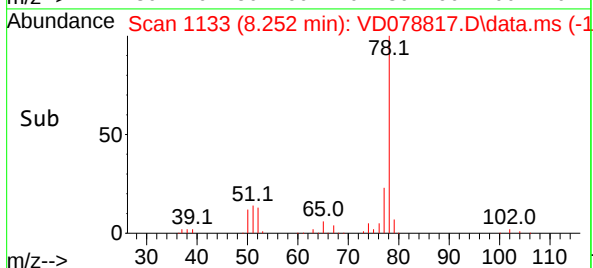
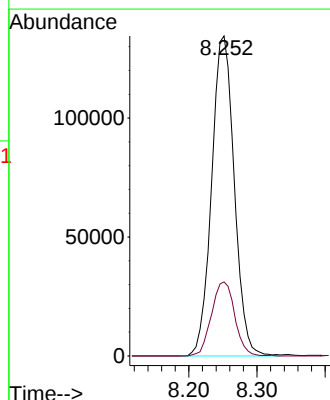
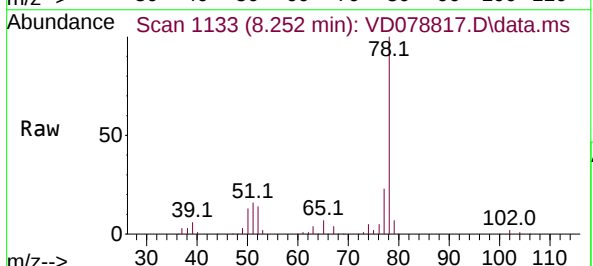
Acq: 16 Apr 2024 10:44

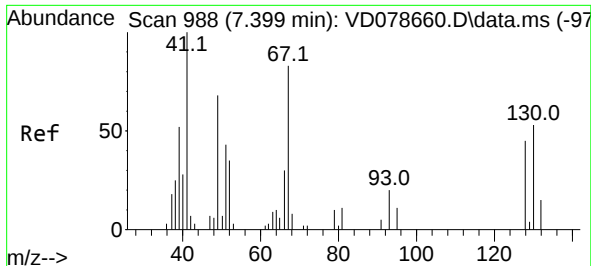
Tgt Ion: 78 Resp: 310778

Ion Ratio Lower Upper

78 100

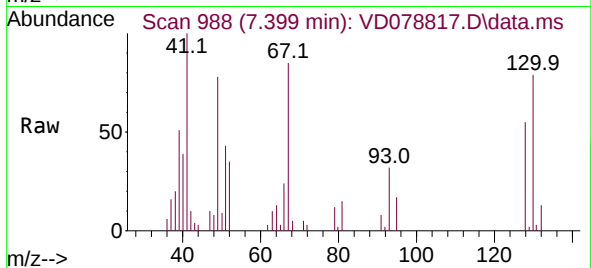
77 23.2 20.4 30.6



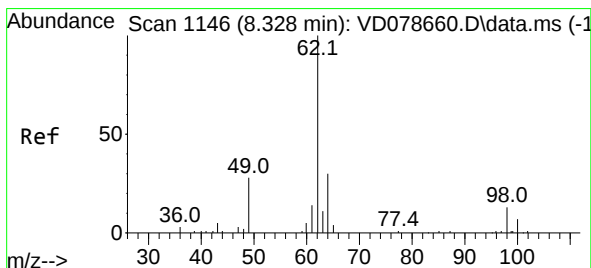
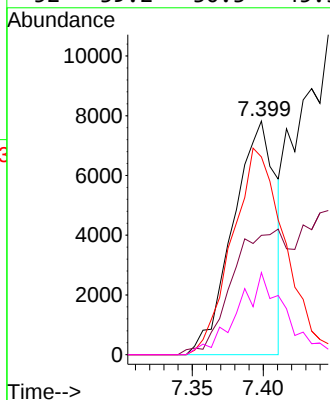
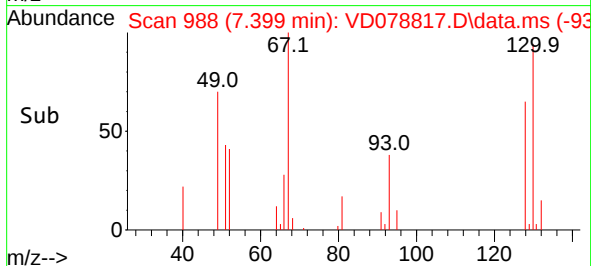


#41
Methacrylonitrile
Concen: 47.21 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

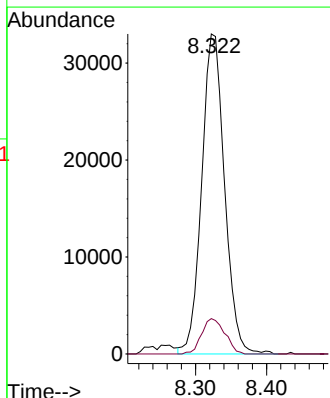
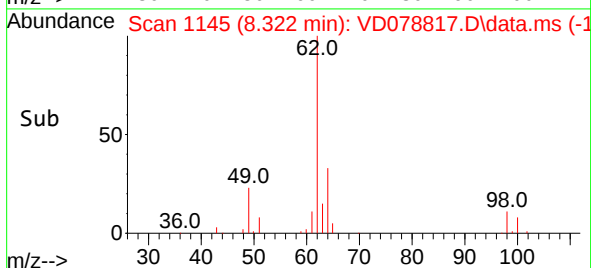
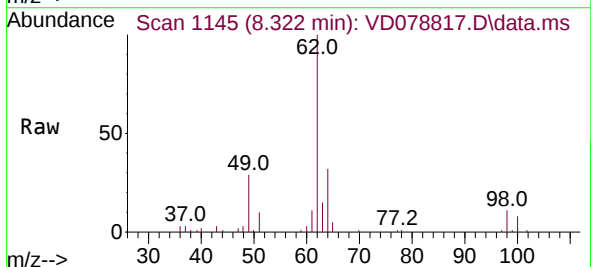


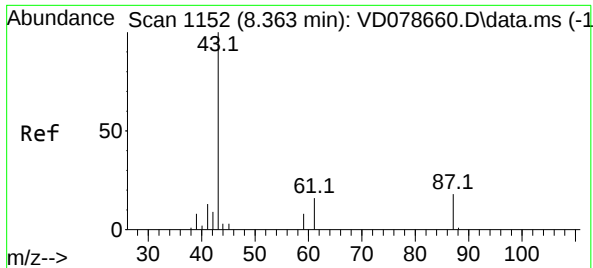
Tgt Ion: 41	Resp: 16337
Ion Ratio	Lower Upper
41 100	
39 74.6	39.8 59.6#
67 109.1	83.5 125.3
52 39.2	30.3 45.5



#42
1,2-Dichloroethane
Concen: 49.56 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

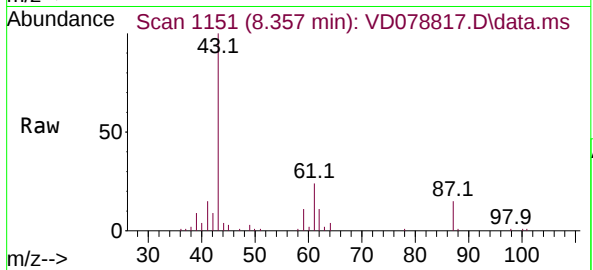
Tgt Ion: 62	Resp: 73860
Ion Ratio	Lower Upper
62 100	
98 11.2	0.0 23.8



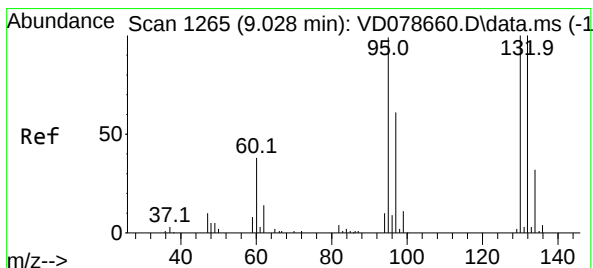
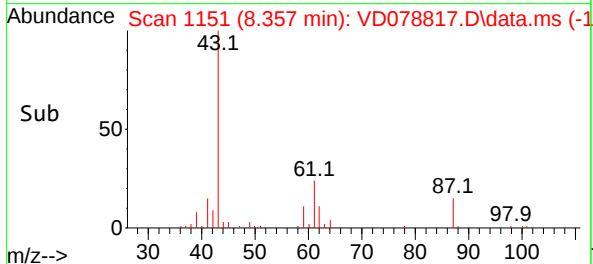
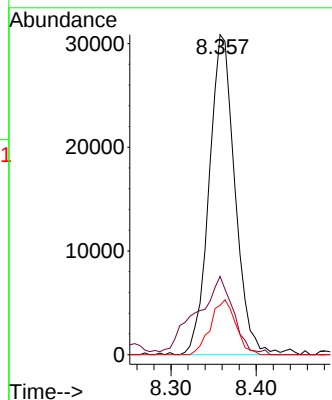


#43
Isopropyl Acetate
Concen: 54.01 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

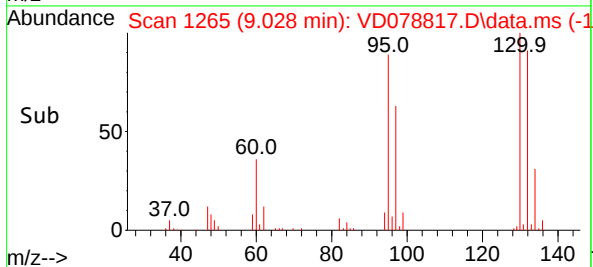
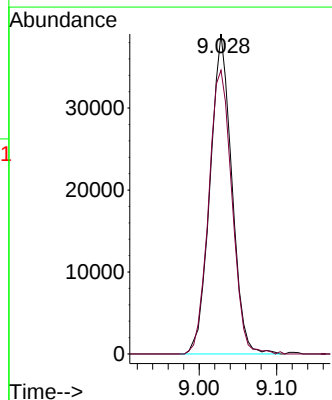
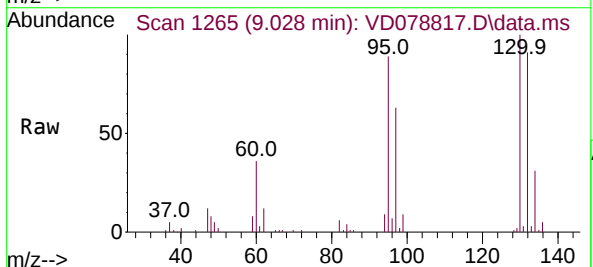


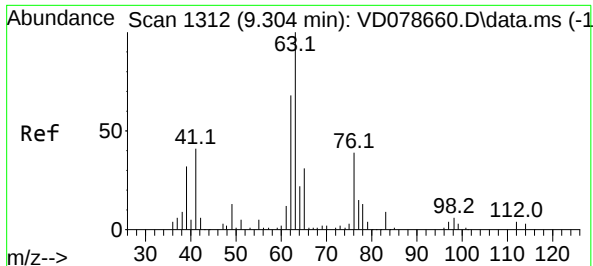
Tgt Ion: 43 Resp: 64865
Ion Ratio Lower Upper
43 100
61 35.0 30.1 45.1
87 16.7 14.4 21.6



#44
Trichloroethene
Concen: 45.78 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion:130 Resp: 75927
Ion Ratio Lower Upper
130 100
95 88.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 47.95 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

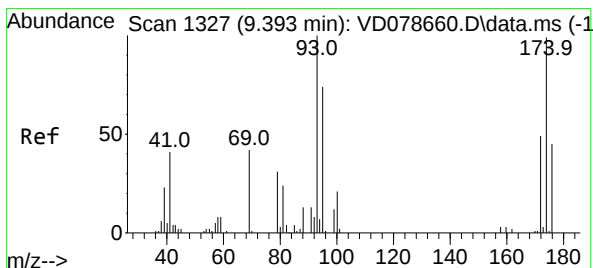
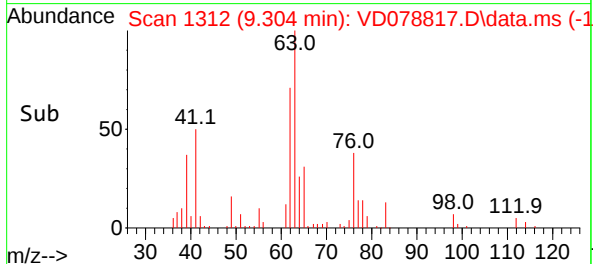
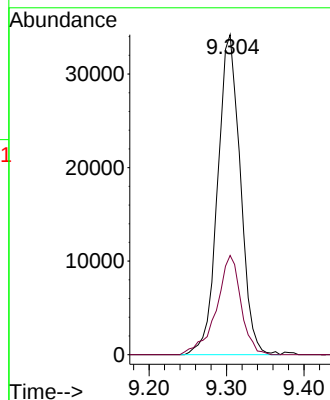
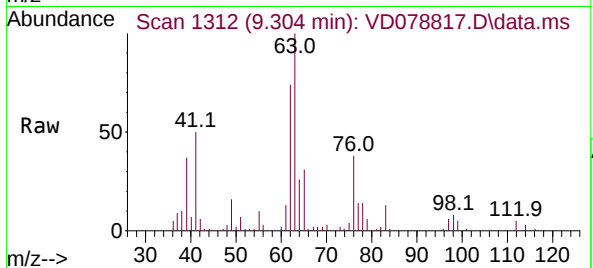
ClientSampleId :

Tgt Ion: 63 Resp: 69507

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 47.77 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

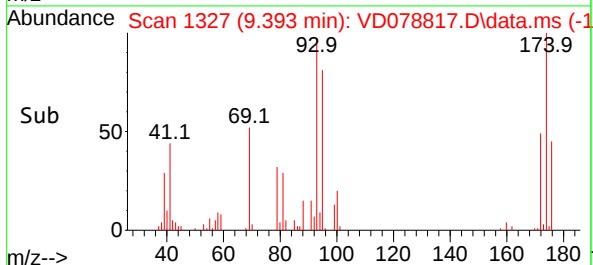
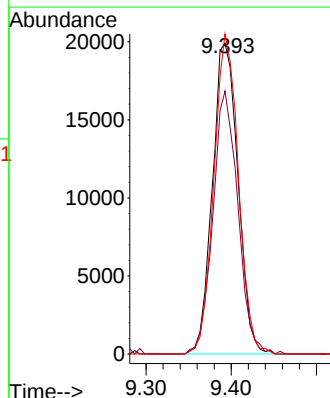
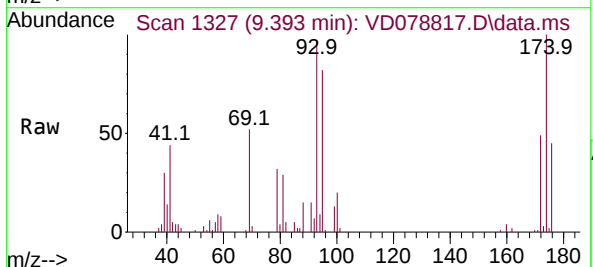
Tgt Ion: 93 Resp: 41507

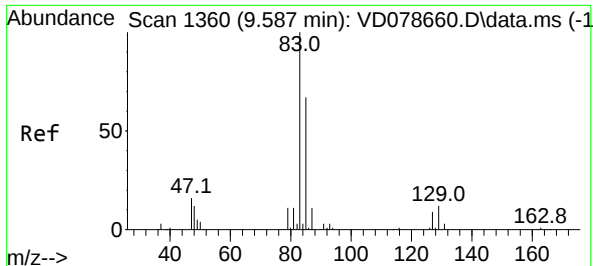
Ion Ratio Lower Upper

93 100

95 82.8 67.3 100.9

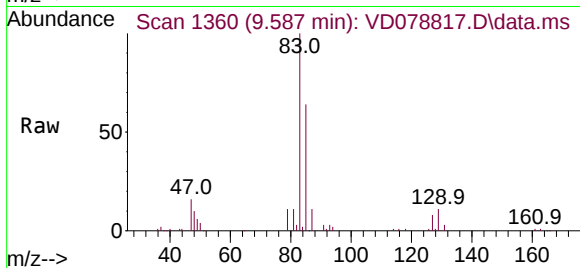
174 98.7 80.9 121.3



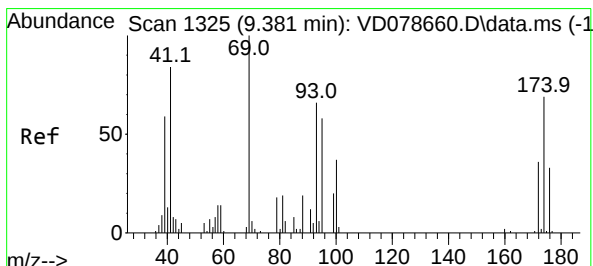
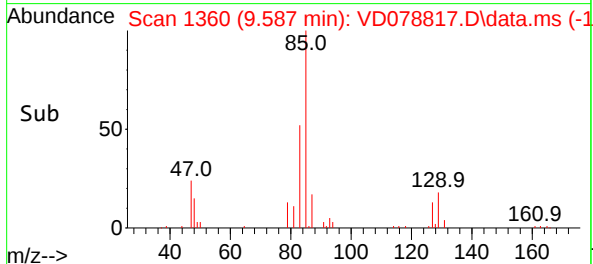
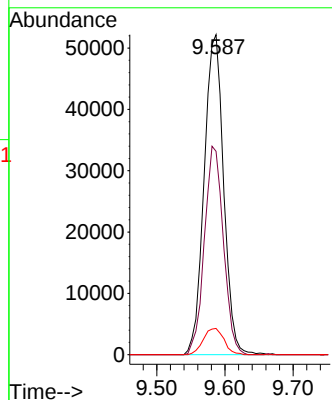


#47
Bromodichloromethane
Concen: 50.17 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

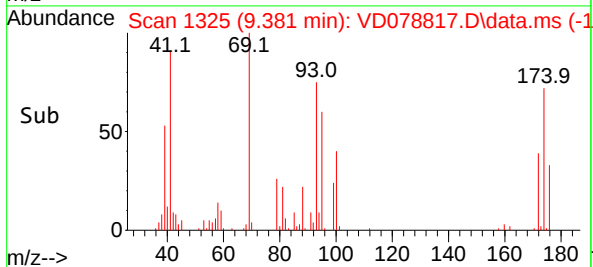
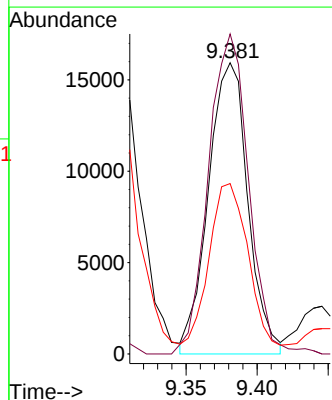
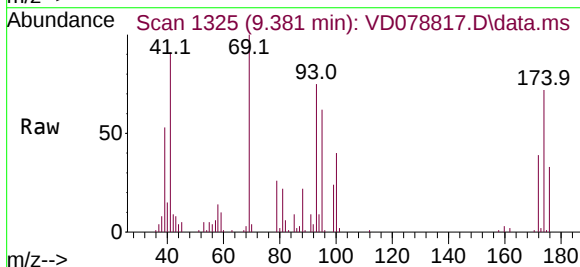


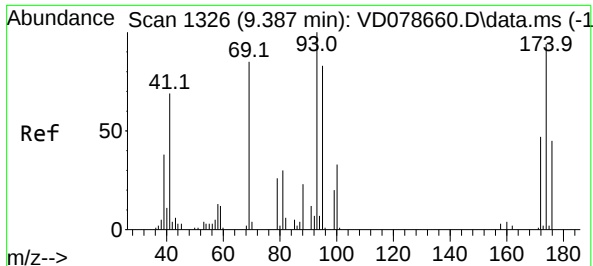
Tgt Ion: 83 Resp: 103787
Ion Ratio Lower Upper
83 100
85 63.5 54.0 81.0
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 52.71 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 41 Resp: 30844
Ion Ratio Lower Upper
41 100
69 111.6 88.3 132.5
39 59.7 46.6 69.8





#49

1,4-Dioxane

Concen: 1123.85 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

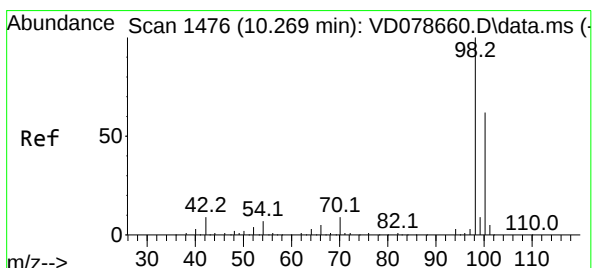
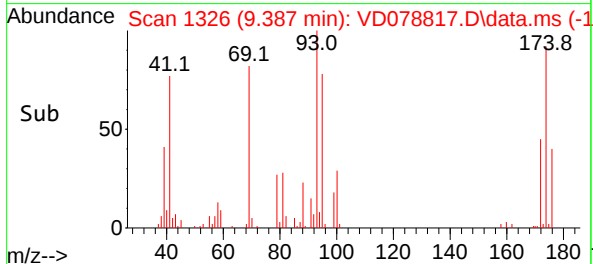
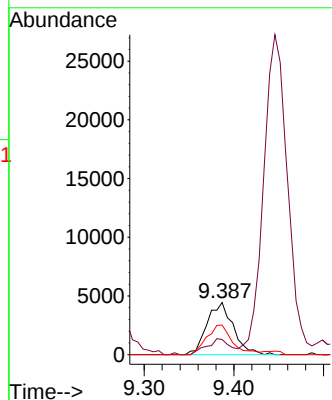
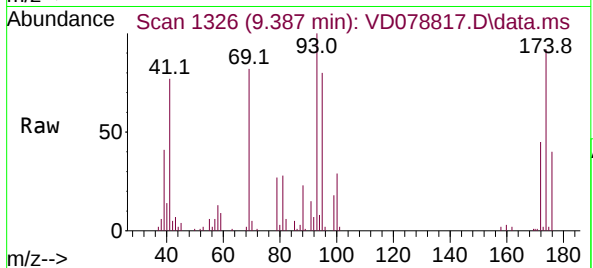
Tgt Ion: 88 Resp: 9042

Ion Ratio Lower Upper

88 100

43 27.3 23.2 34.8

58 55.3 51.0 76.6



#50

Toluene-d8

Concen: 56.94 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078817.D

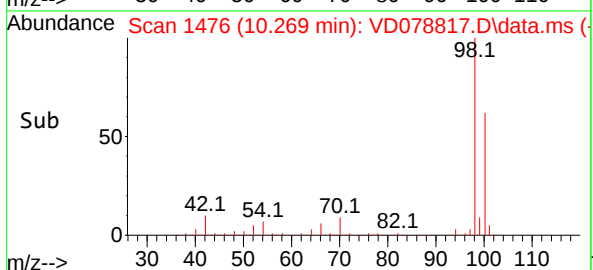
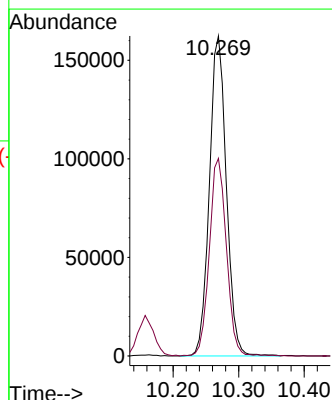
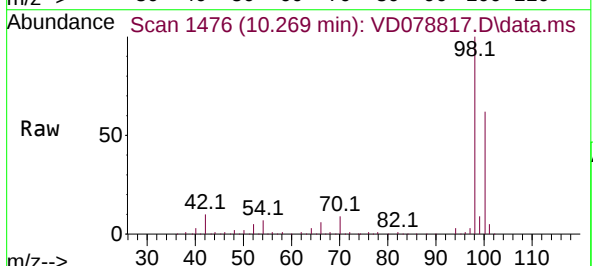
Acq: 16 Apr 2024 10:44

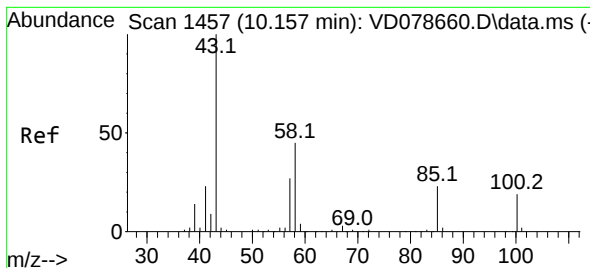
Tgt Ion: 98 Resp: 291750

Ion Ratio Lower Upper

98 100

100 62.2 50.5 75.7

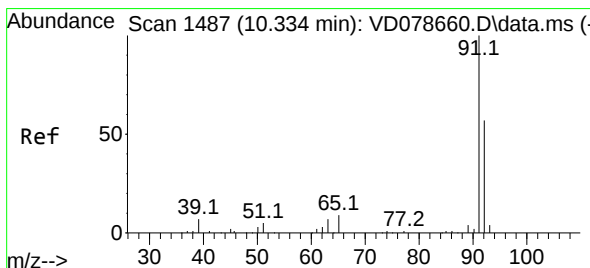
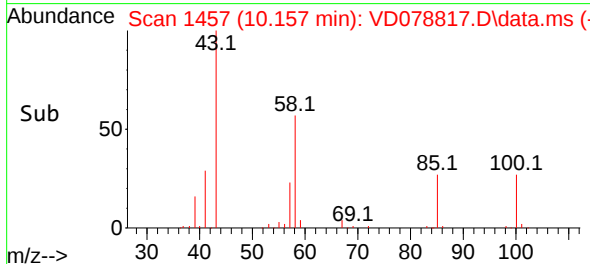
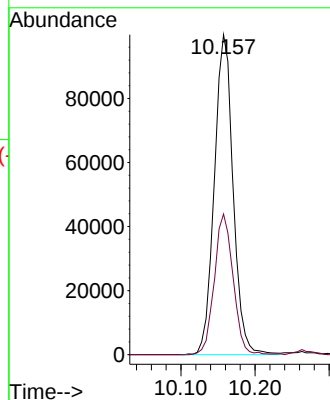
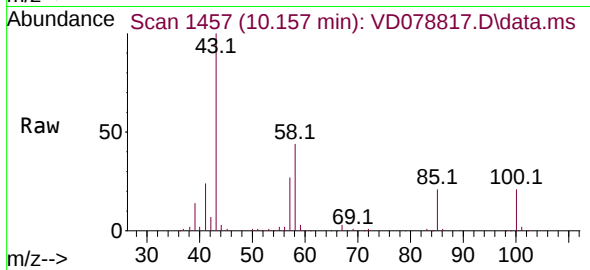




#51
4-Methyl-2-Pentanone
Concen: 280.45 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

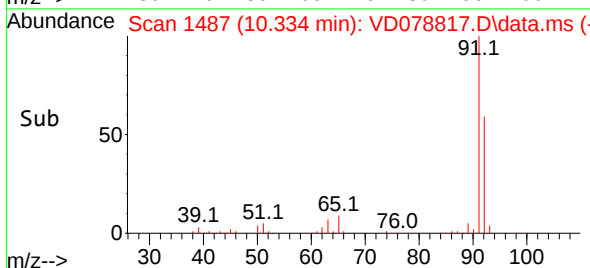
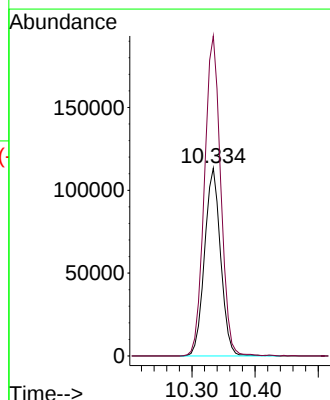
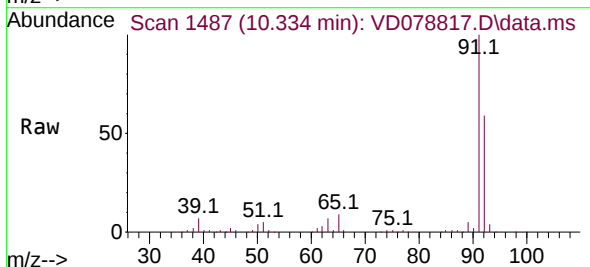
Instrument :
MSVOA_D
ClientSampleId :

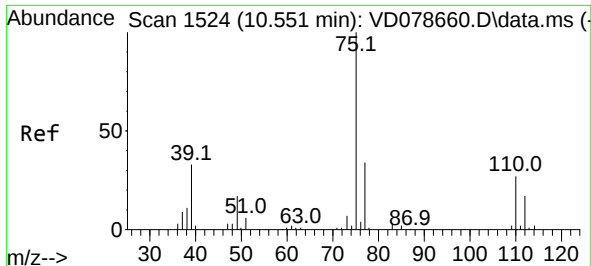
Tgt Ion: 43 Resp: 176086
Ion Ratio Lower Upper
43 100
58 44.0 36.4 54.6



#52
Toluene
Concen: 50.85 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 92 Resp: 200057
Ion Ratio Lower Upper
92 100
91 172.7 136.6 205.0

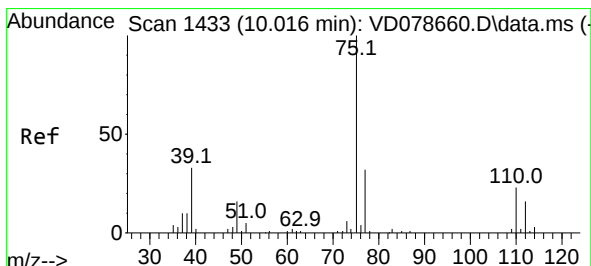
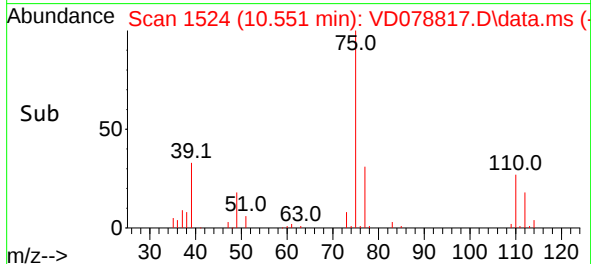
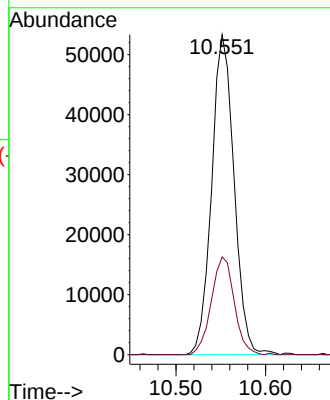
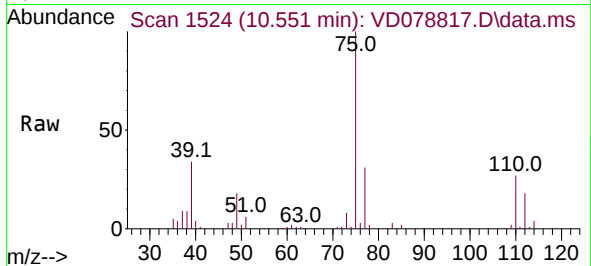




#53
t-1,3-Dichloropropene
Concen: 48.87 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

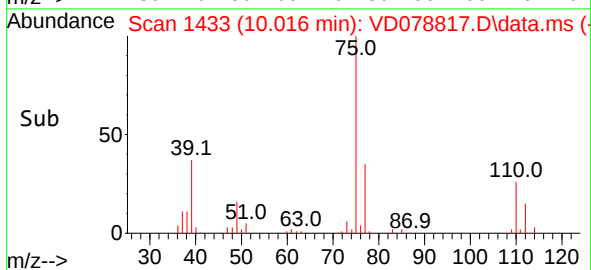
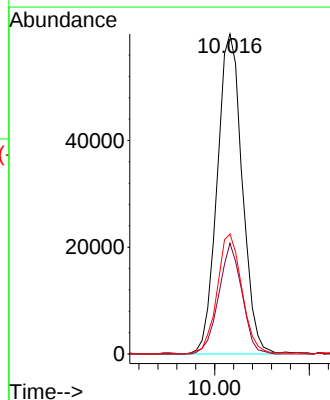
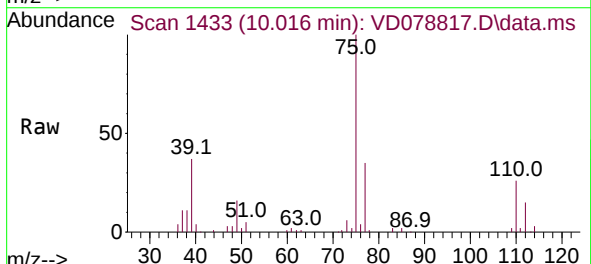
Instrument :
MSVOA_D
ClientSampleId :

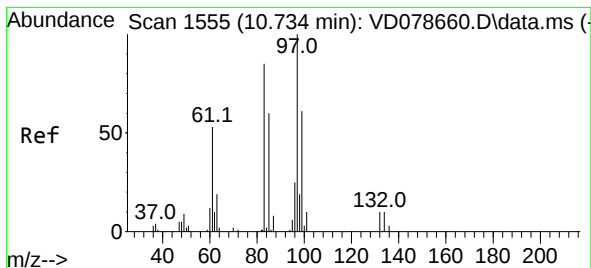
Tgt Ion: 75 Resp: 92428
Ion Ratio Lower Upper
75 100
77 30.5 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 48.40 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

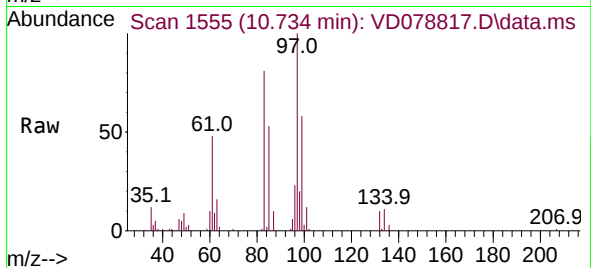
Tgt Ion: 75 Resp: 110057
Ion Ratio Lower Upper
75 100
77 34.6 25.4 38.0
39 37.5 26.7 40.1



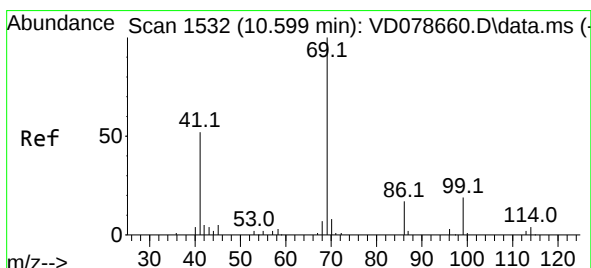
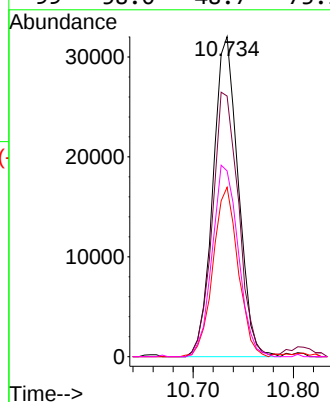
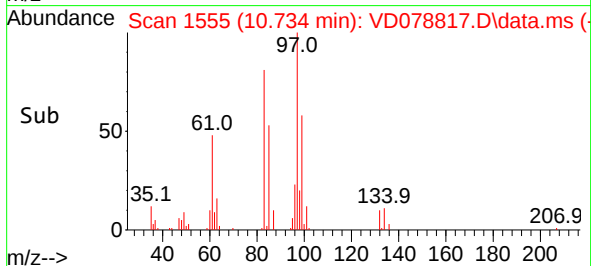


#55
1,1,2-Trichloroethane
Concen: 47.96 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

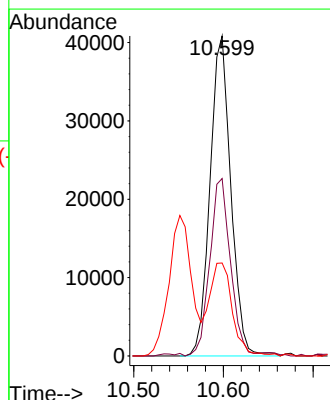
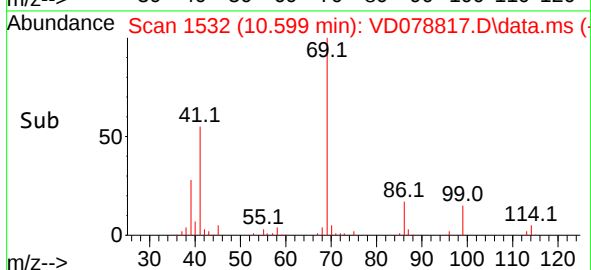
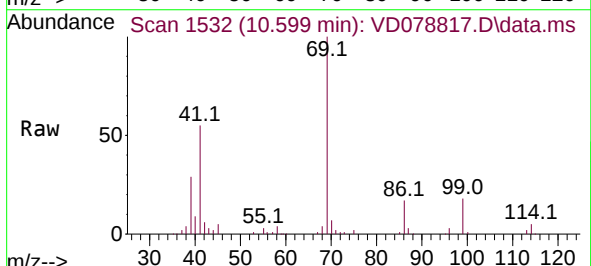


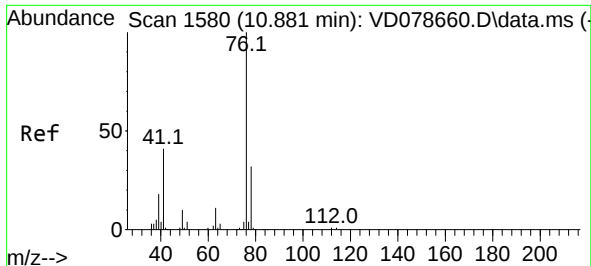
Tgt Ion:	97	Resp:	55810
Ion	Ratio	Lower	Upper
97	100		
83	81.5	68.1	102.1
85	52.9	48.2	72.2
99	58.0	48.7	73.1



#56
Ethyl methacrylate
Concen: 56.39 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion:	69	Resp:	65778
Ion	Ratio	Lower	Upper
69	100		
41	55.0	40.9	61.3
39	32.2	25.5	38.3





#57

1,3-Dichloropropane

Concen: 48.50 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

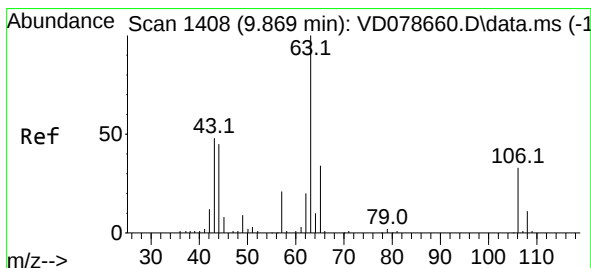
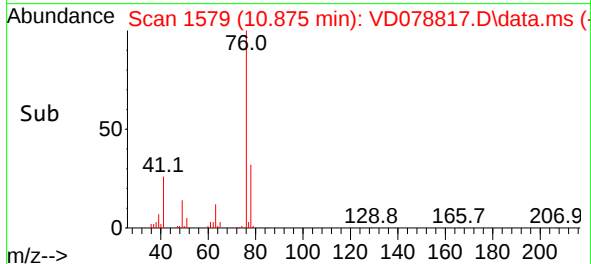
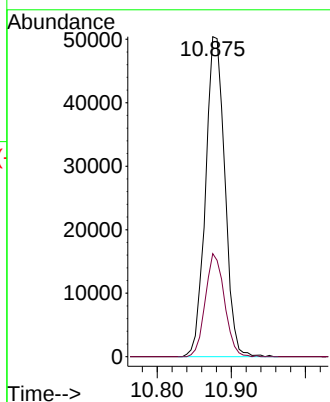
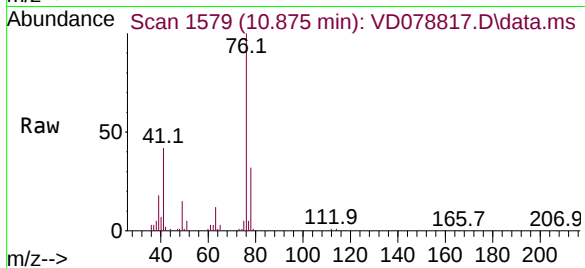
ClientSampleId :

Tgt Ion: 76 Resp: 91066

Ion Ratio Lower Upper

76 100

78 32.0 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 261.98 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078817.D

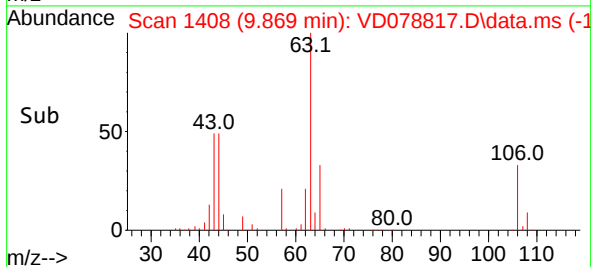
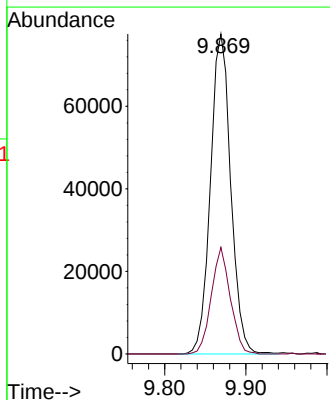
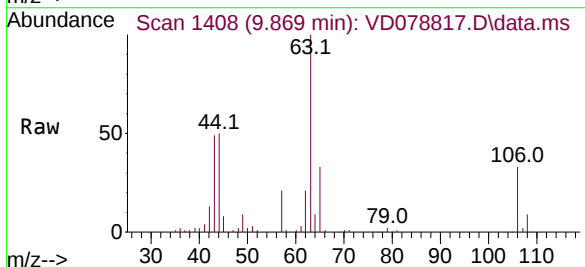
Acq: 16 Apr 2024 10:44

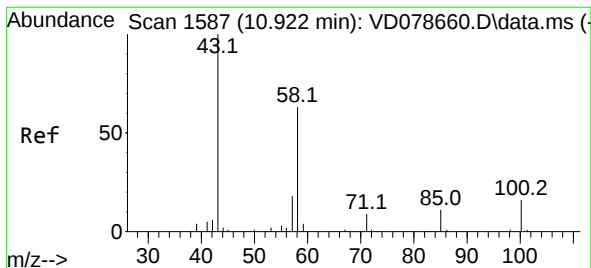
Tgt Ion: 63 Resp: 134755

Ion Ratio Lower Upper

63 100

106 31.1 25.2 37.8

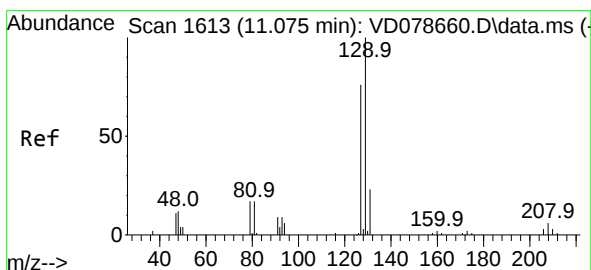
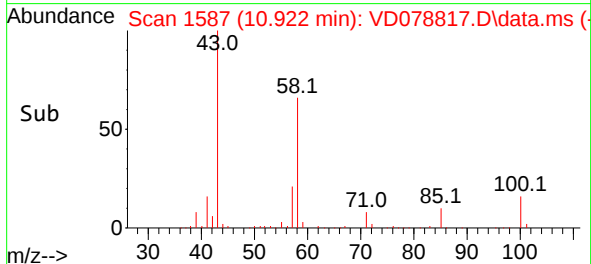
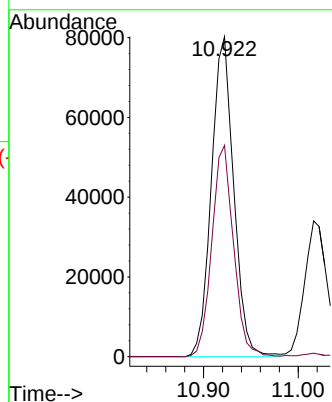
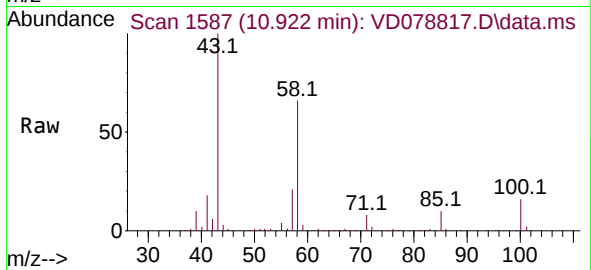




#59
2-Hexanone
Concen: 282.58 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

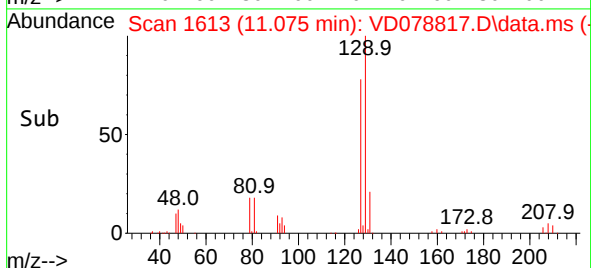
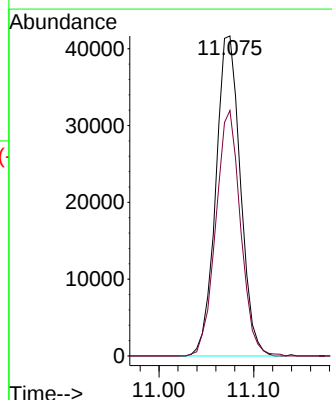
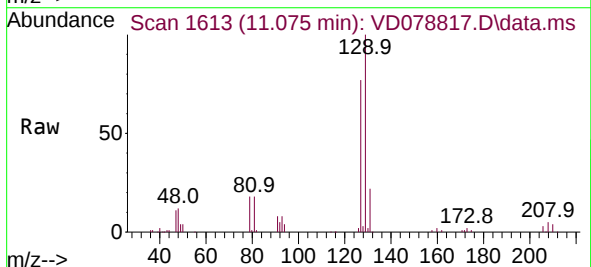
Instrument :
MSVOA_D
ClientSampleId :

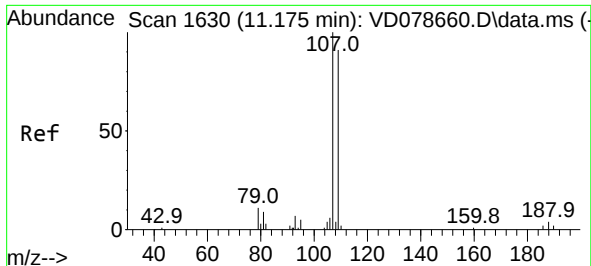
Tgt Ion: 43 Resp: 131525
Ion Ratio Lower Upper
43 100
58 64.2 31.5 94.5



#60
Dibromochloromethane
Concen: 52.46 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion:129 Resp: 75279
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3

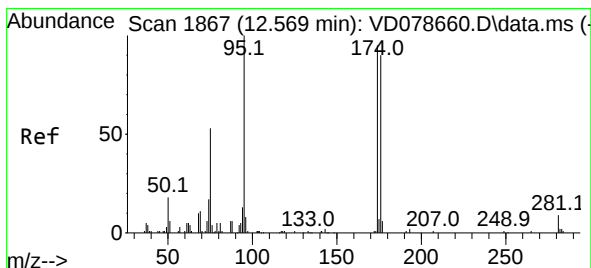
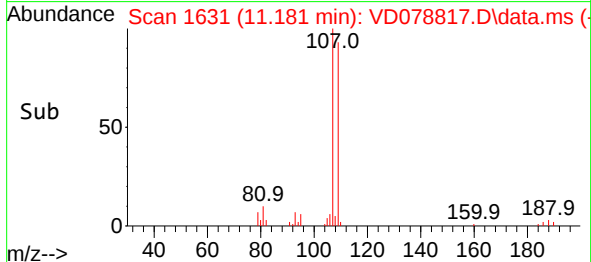
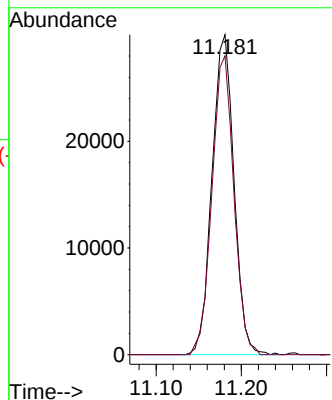
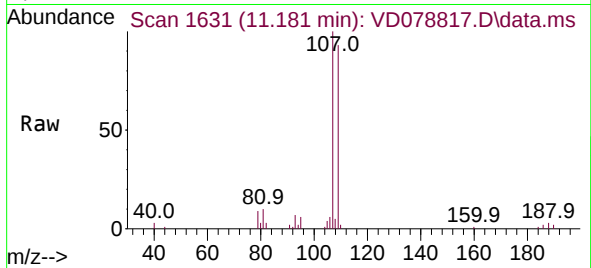




#61
1,2-Dibromoethane
Concen: 47.71 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

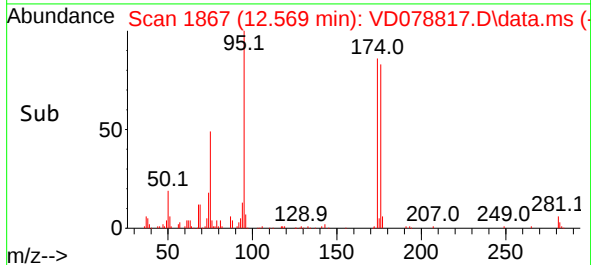
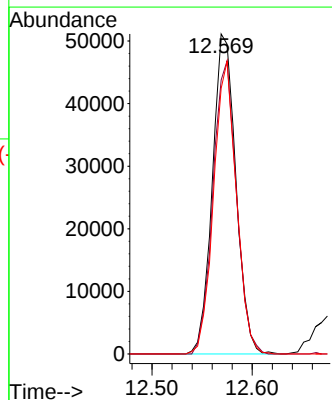
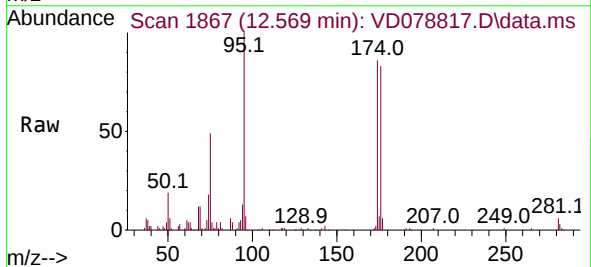
Instrument :
MSVOA_D
ClientSampleId :

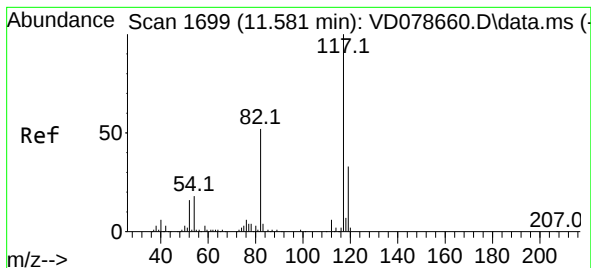
Tgt Ion:107 Resp: 53731
Ion Ratio Lower Upper
107 100
109 92.9 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 55.48 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 95 Resp: 83165
Ion Ratio Lower Upper
95 100
174 91.4 0.0 195.2
176 88.6 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

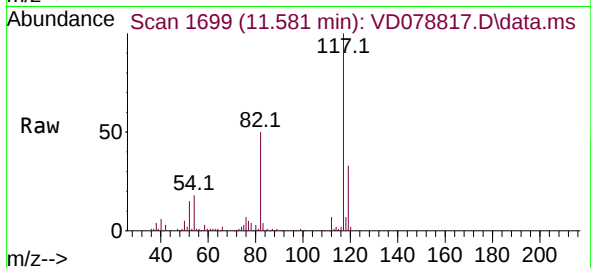
Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :



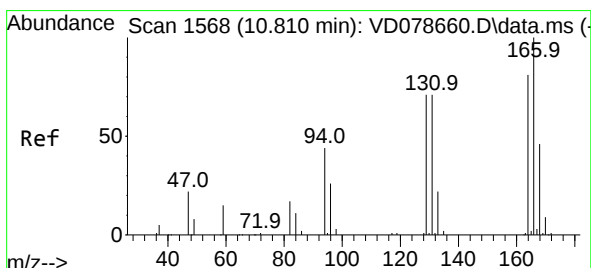
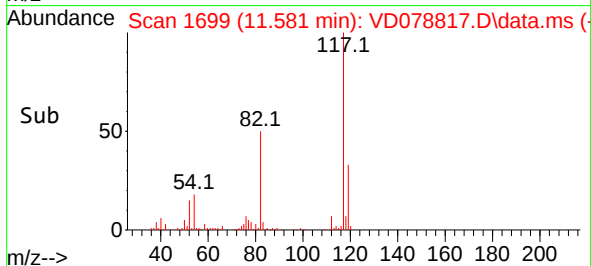
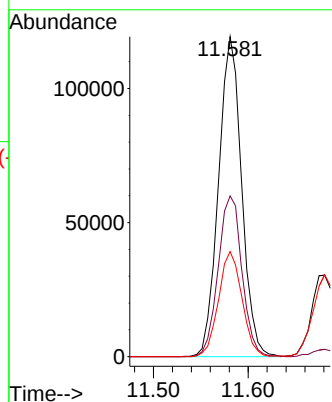
Tgt Ion:117 Resp: 202295

Ion Ratio Lower Upper

117 100

82 50.2 41.4 62.2

119 32.9 26.5 39.7



#64

Tetrachloroethene

Concen: 48.87 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Tgt Ion:164 Resp: 65422

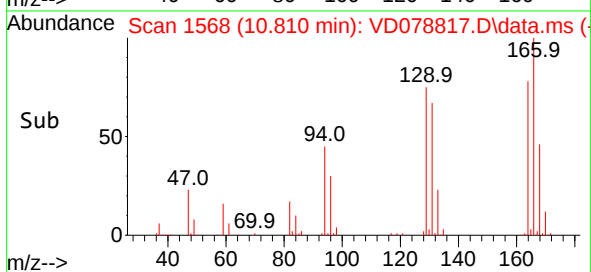
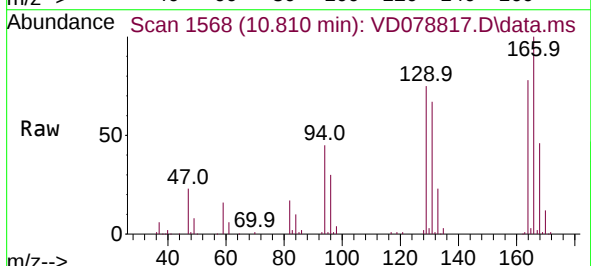
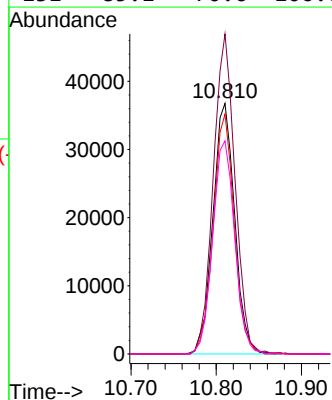
Ion Ratio Lower Upper

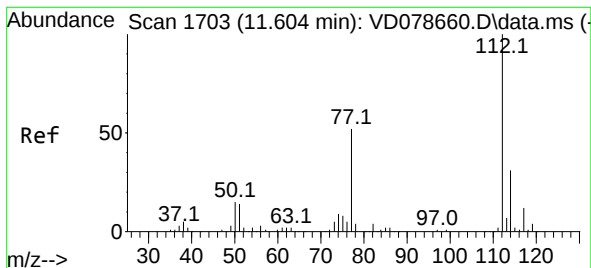
164 100

166 127.7 98.9 148.3

129 95.7 70.3 105.5

131 85.1 70.6 106.0





#65

Chlorobenzene

Concen: 51.85 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

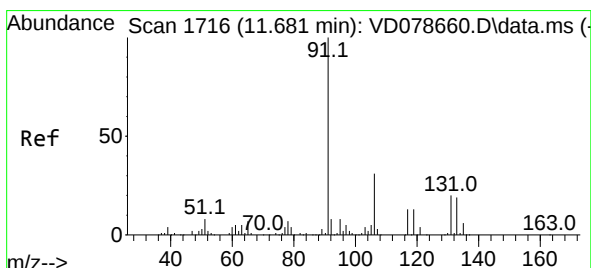
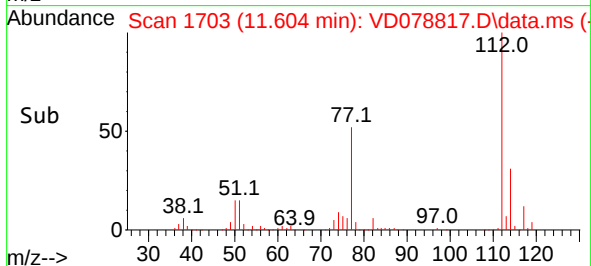
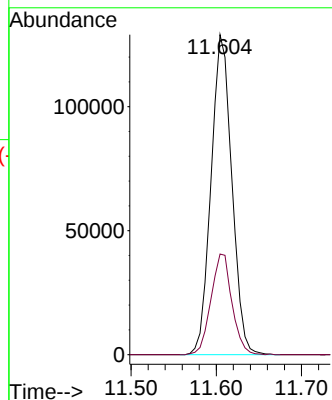
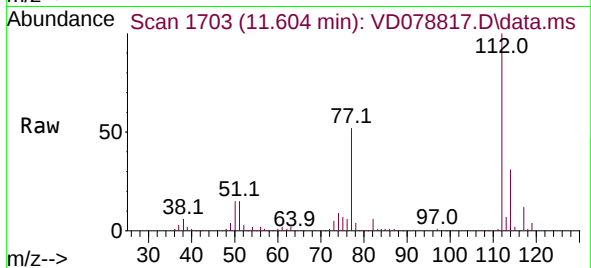
ClientSampleId :

Tgt Ion:112 Resp: 219173

Ion Ratio Lower Upper

112 100

114 31.4 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.61 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

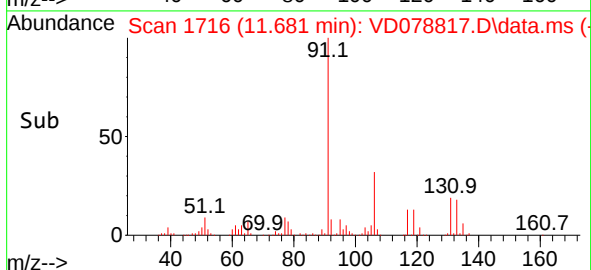
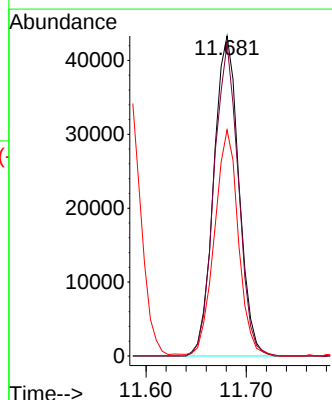
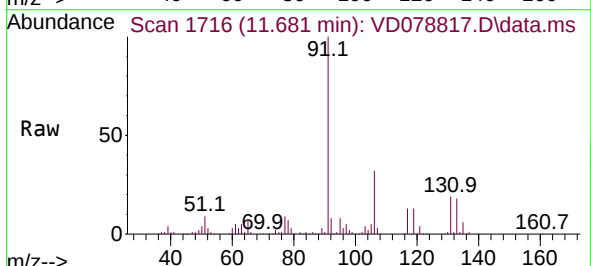
Tgt Ion:131 Resp: 75254

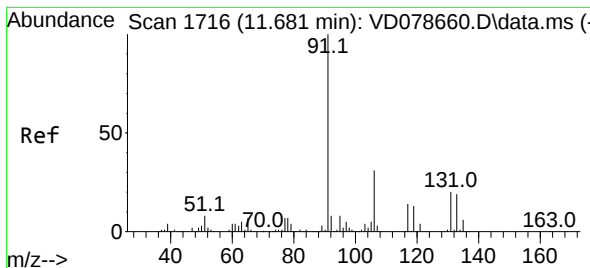
Ion Ratio Lower Upper

131 100

133 94.7 47.6 142.9

119 67.4 34.1 102.3





#67

Ethyl Benzene

Concen: 51.66 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

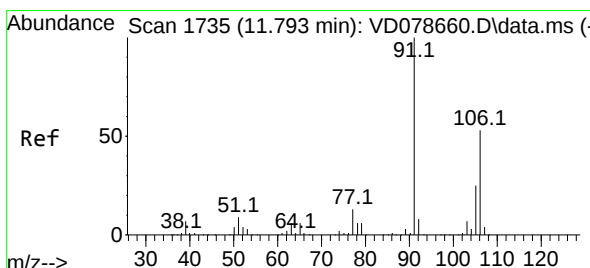
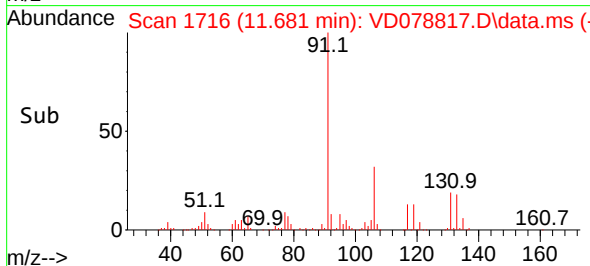
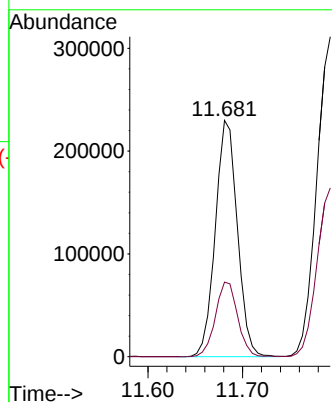
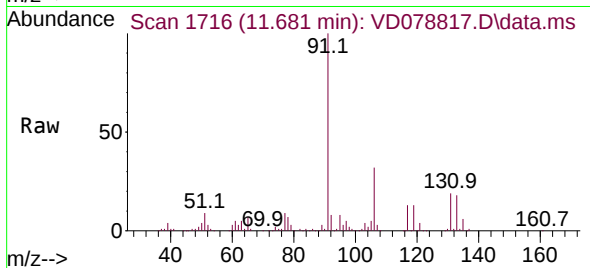
ClientSampleId :

Tgt Ion: 91 Resp: 372176

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 103.35 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078817.D

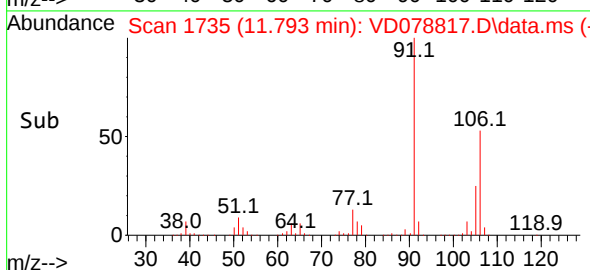
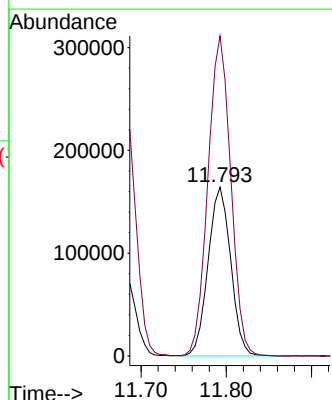
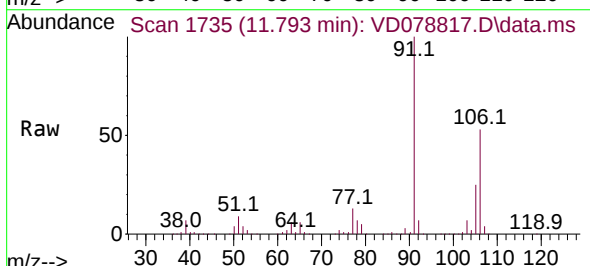
Acq: 16 Apr 2024 10:44

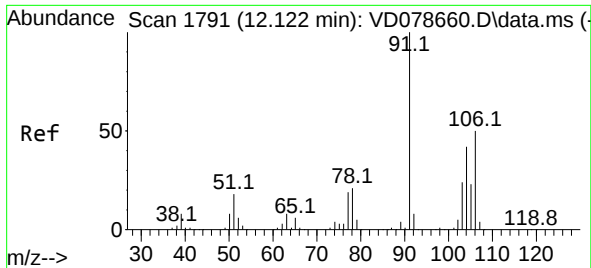
Tgt Ion:106 Resp: 302330

Ion Ratio Lower Upper

106 100

91 191.8 154.4 231.6

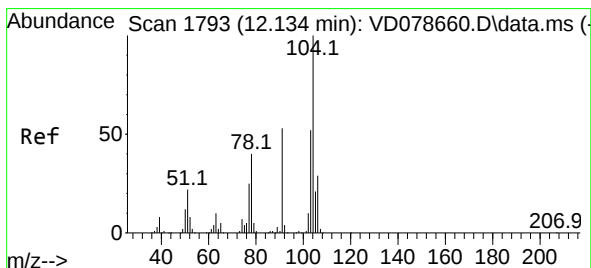
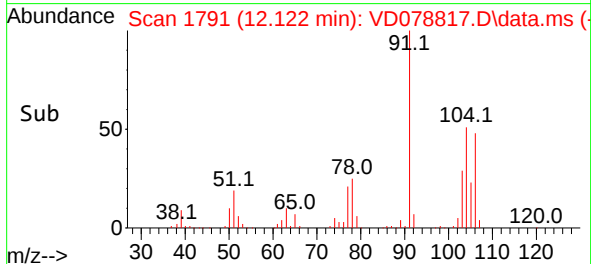
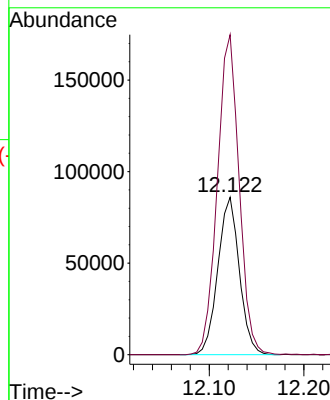
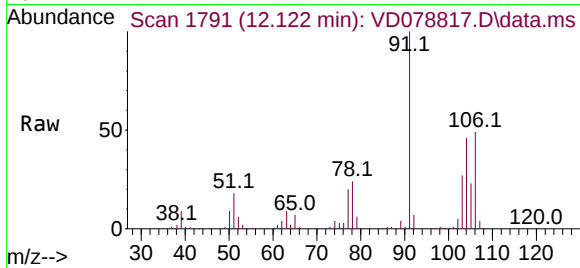




#69
o-Xylene
Concen: 50.15 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

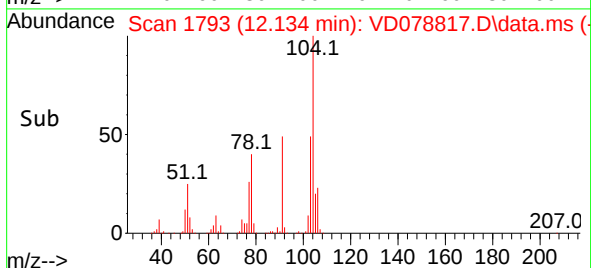
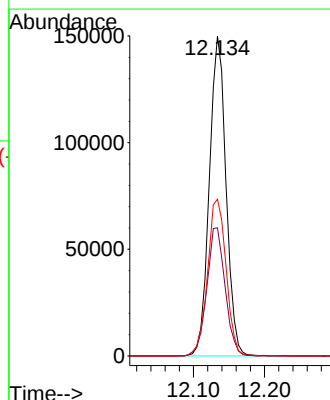
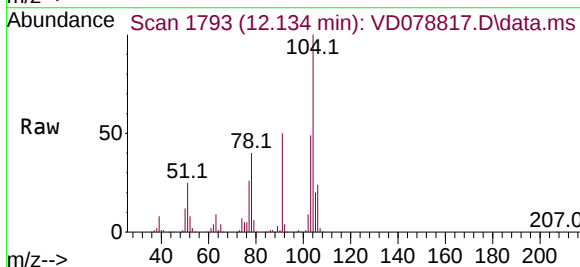
Instrument :
MSVOA_D
ClientSampleId :

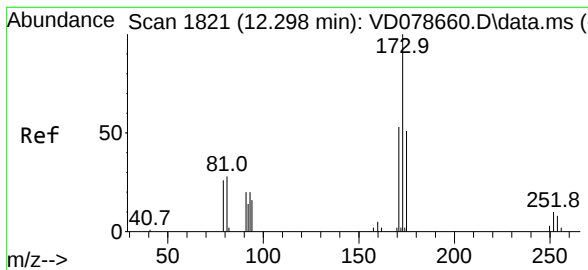
Tgt Ion:106 Resp: 135743
Ion Ratio Lower Upper
106 100
91 206.0 99.6 298.7



#70
Styrene
Concen: 53.95 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion:104 Resp: 245080
Ion Ratio Lower Upper
104 100
78 44.0 34.6 52.0
103 54.5 44.2 66.2

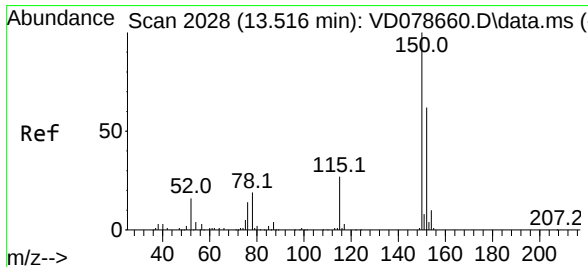
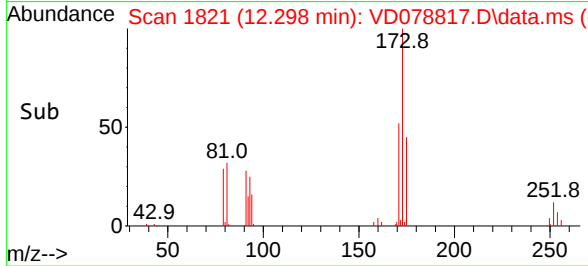
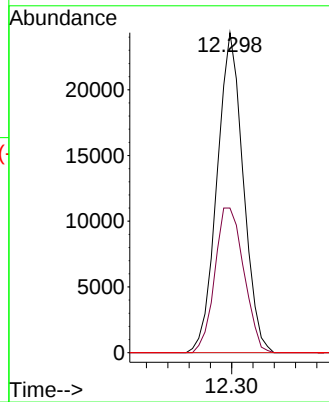
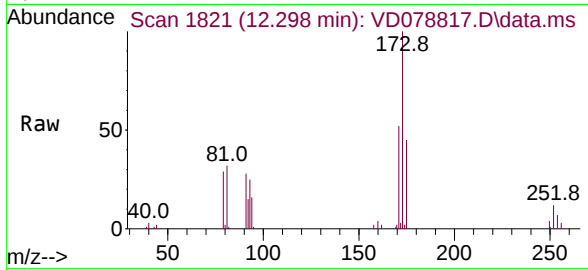




#71
Bromoform
Concen: 49.63 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

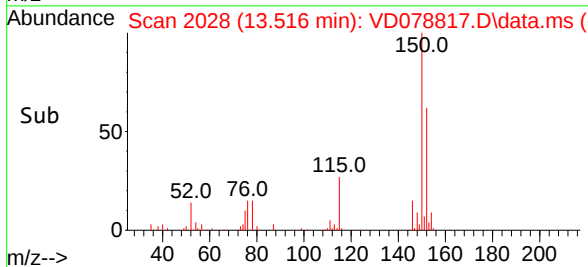
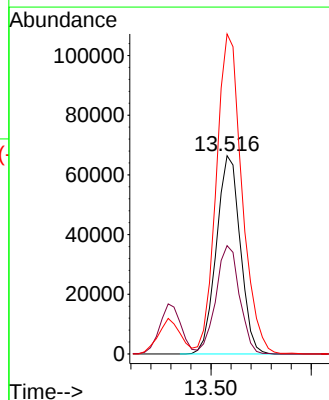
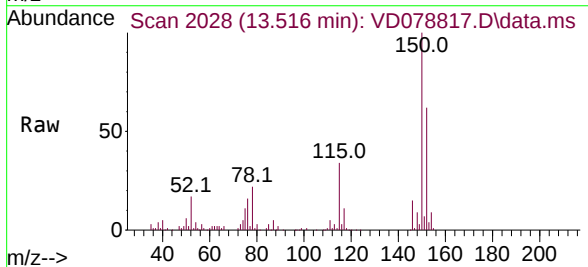
Instrument :
MSVOA_D
ClientSampleId :

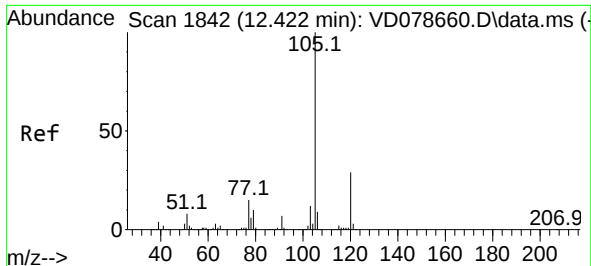
Tgt Ion:173 Resp: 41525
Ion Ratio Lower Upper
173 100
175 50.1 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

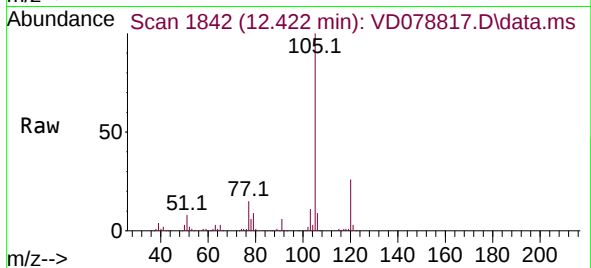
Tgt Ion:152 Resp: 109827
Ion Ratio Lower Upper
152 100
115 53.9 27.1 81.2
150 173.9 0.0 350.2



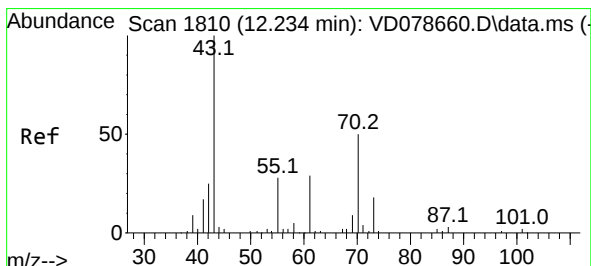
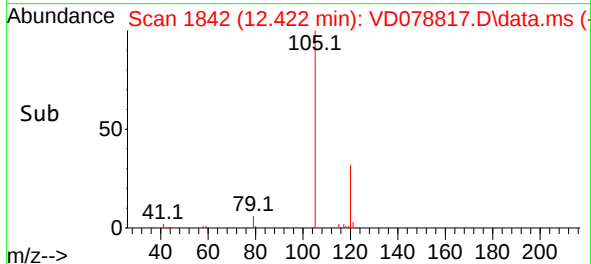
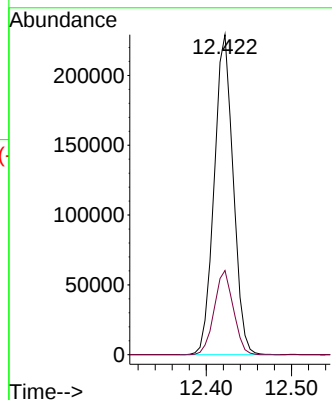


#73
Isopropylbenzene
Concen: 49.15 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

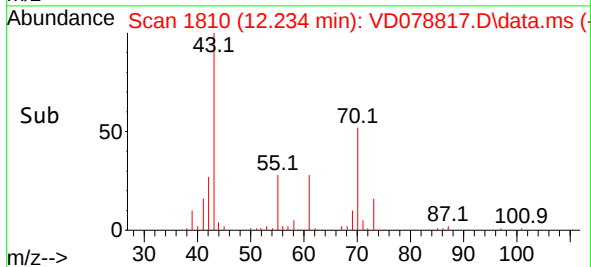
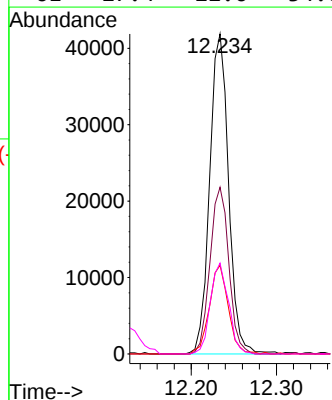
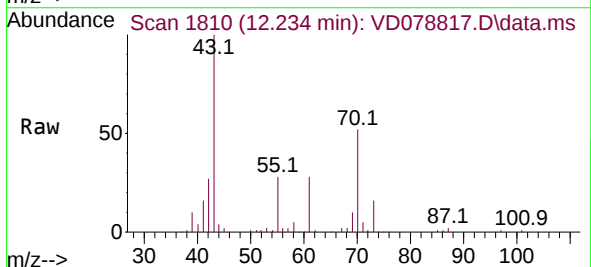


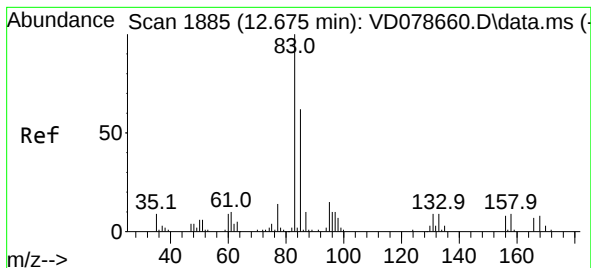
Tgt Ion:105 Resp: 355389
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0



#74
N-ethyl acetate
Concen: 54.97 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 43 Resp: 64539
Ion Ratio Lower Upper
43 100
70 51.9 42.1 63.1
55 27.8 22.6 33.8
61 27.4 22.6 34.0

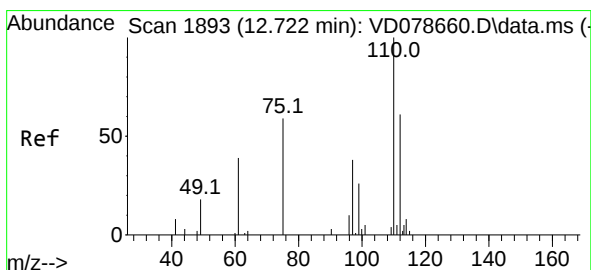
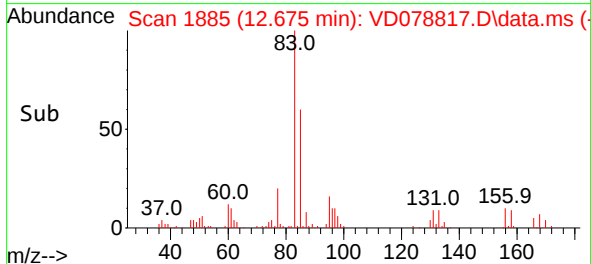
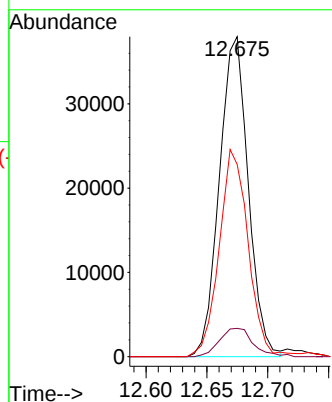
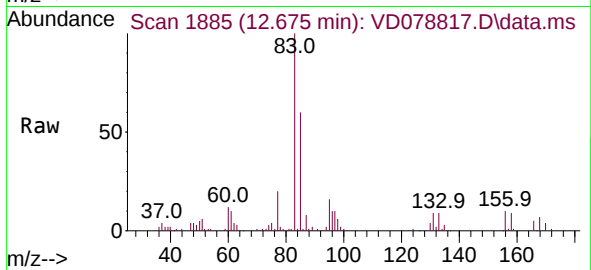




#75
1,1,2,2-Tetrachloroethane
Concen: 46.78 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

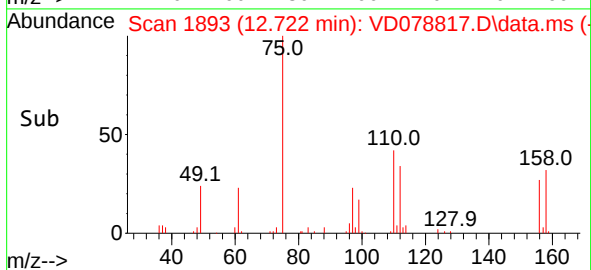
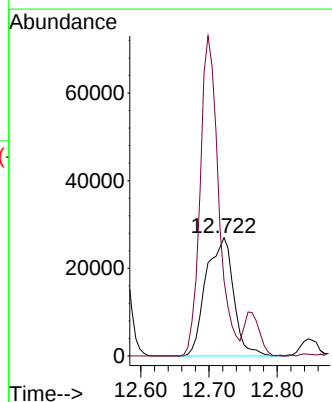
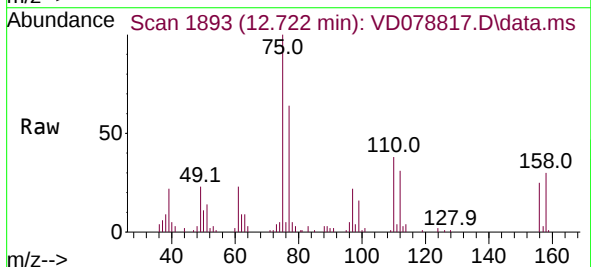
Instrument :
MSVOA_D
ClientSampleId :

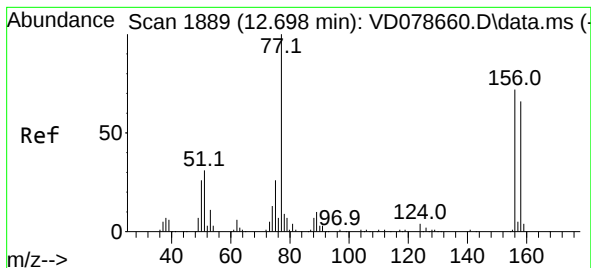
Tgt Ion: 83 Resp: 62621
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.7
85 65.8 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 89.79 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 75 Resp: 75975
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.97 ug/l

RT: 12.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

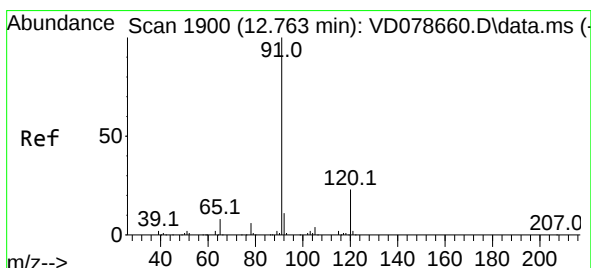
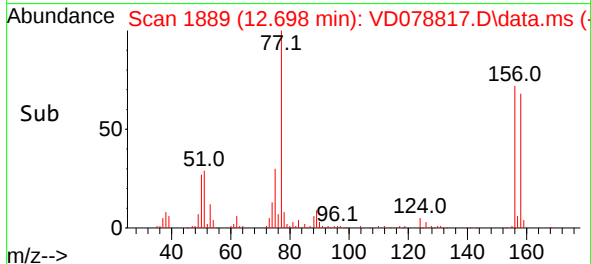
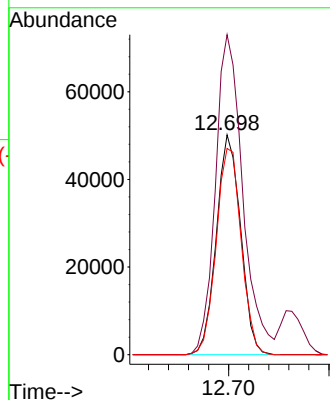
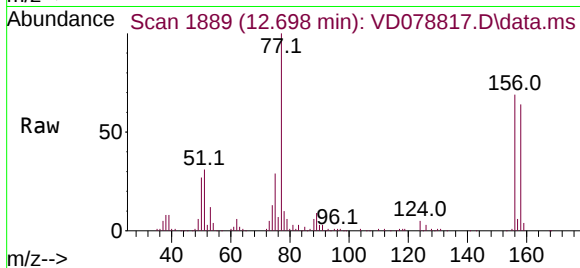
Tgt Ion:156 Resp: 84229

Ion Ratio Lower Upper

156 100

77 164.3 79.1 237.3

158 96.8 47.0 141.0



#78

n-propylbenzene

Concen: 48.39 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078817.D

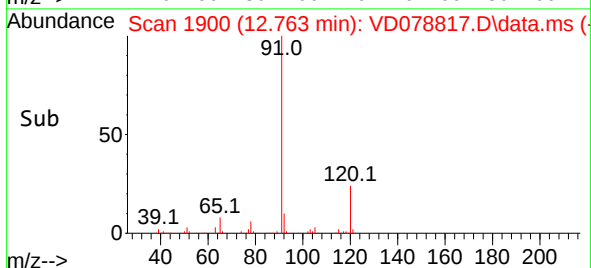
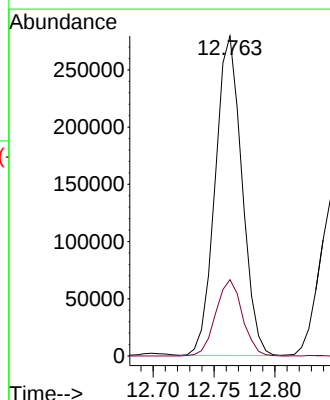
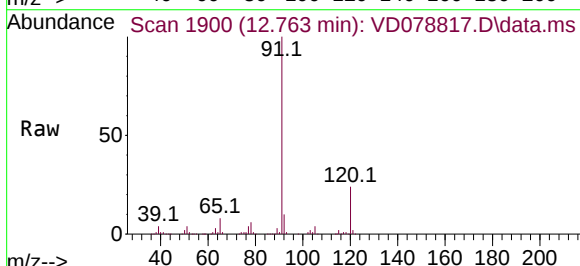
Acq: 16 Apr 2024 10:44

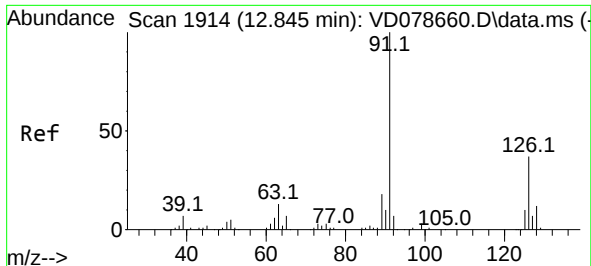
Tgt Ion: 91 Resp: 425902

Ion Ratio Lower Upper

91 100

120 23.7 11.7 35.1

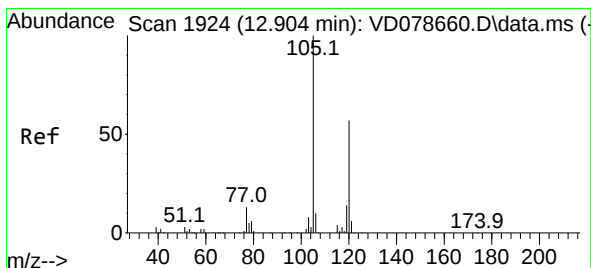
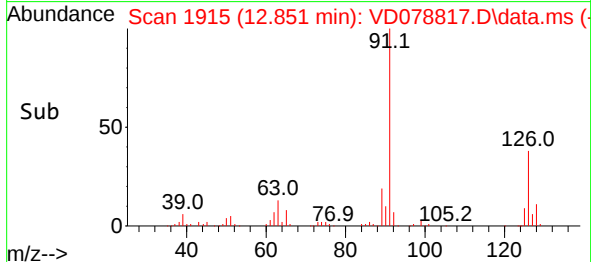
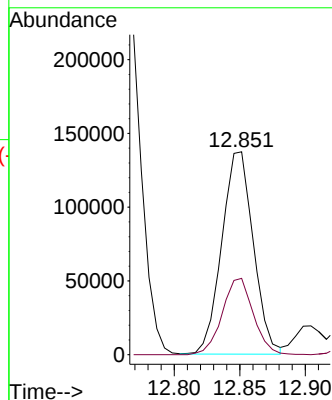
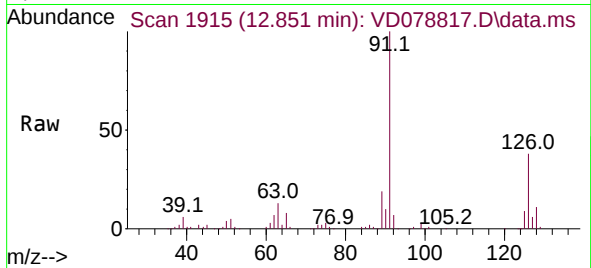




#79
2-Chlorotoluene
Concen: 47.64 ug/l
RT: 12.851 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

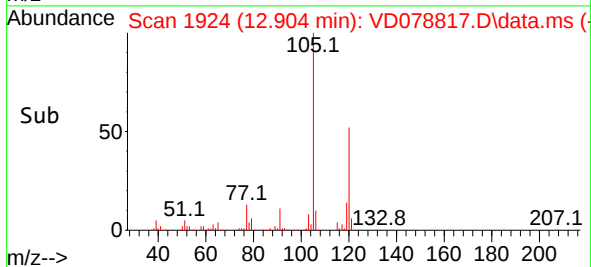
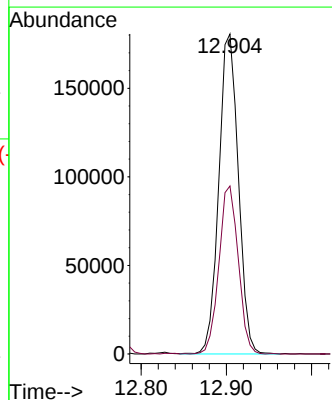
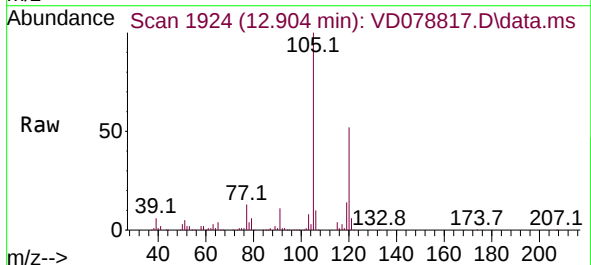
Instrument :
MSVOA_D
ClientSampleId :

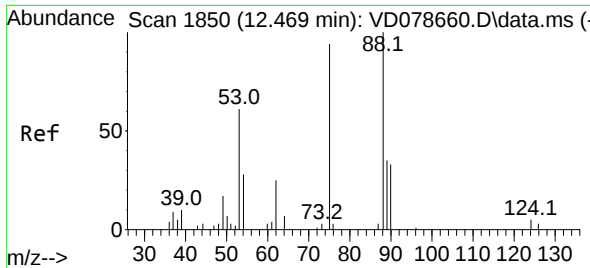
Tgt Ion: 91 Resp: 230018
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.17 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 105 Resp: 288070
Ion Ratio Lower Upper
105 100
120 51.9 25.9 77.7

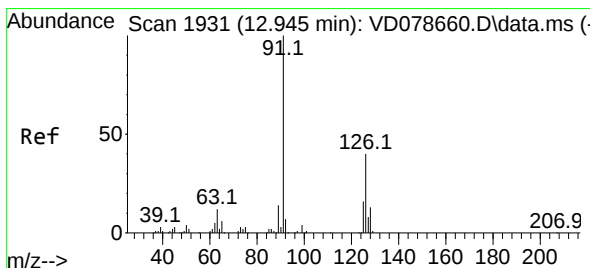
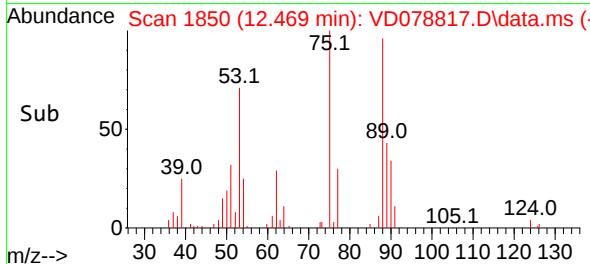
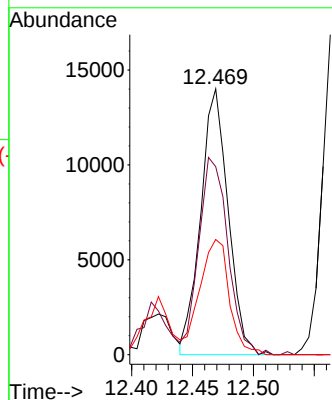
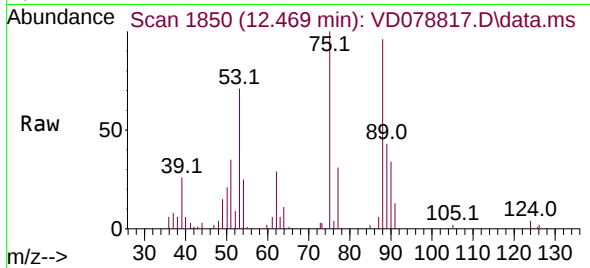




#81
trans-1,4-Dichloro-2-butene
Concen: 54.37 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

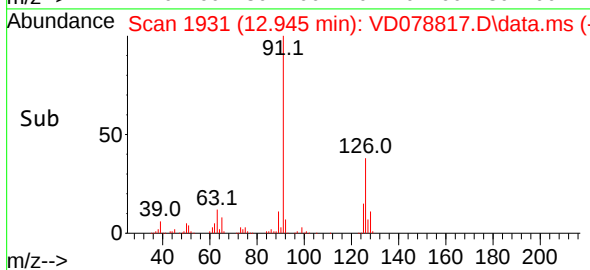
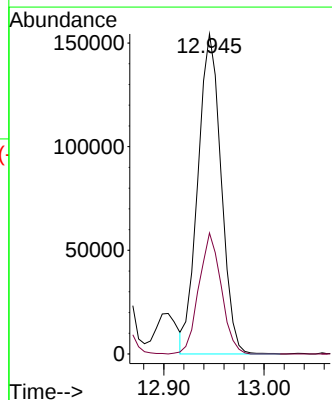
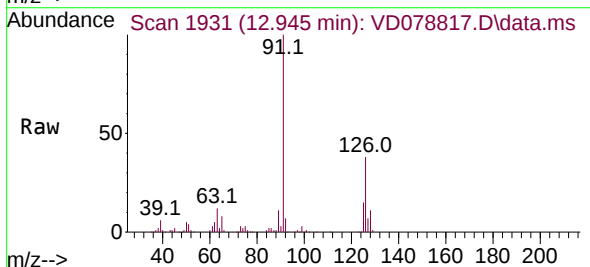
Instrument :
MSVOA_D
ClientSampleId :

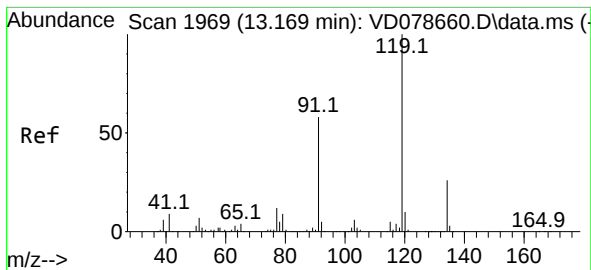
Tgt Ion: 75 Resp: 21948
Ion Ratio Lower Upper
75 100
53 78.7 61.0 91.6
89 46.7 35.4 53.0



#82
4-Chlorotoluene
Concen: 48.85 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 91 Resp: 249505
Ion Ratio Lower Upper
91 100
126 36.3 18.9 56.5

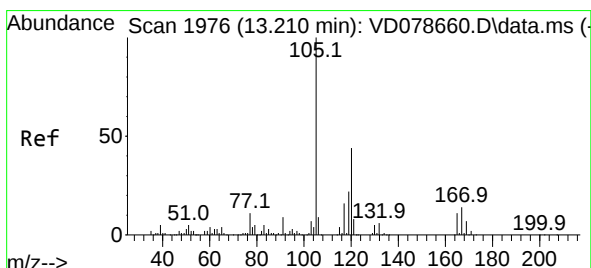
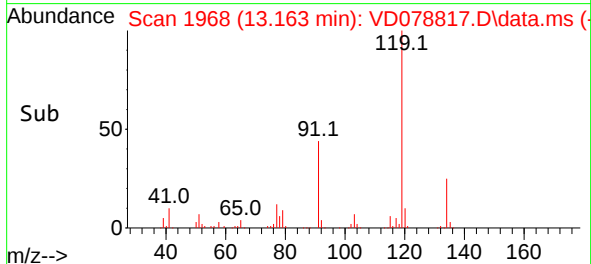
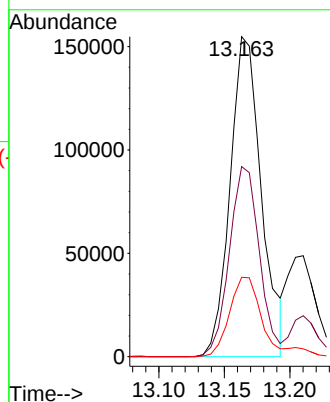
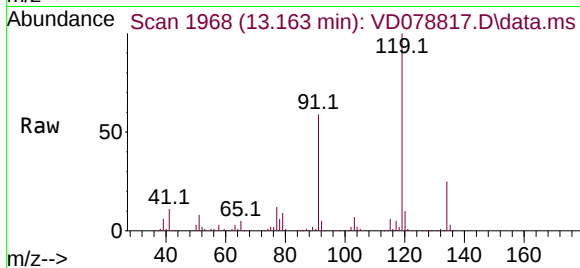




#83
tert-Butylbenzene
Concen: 49.90 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

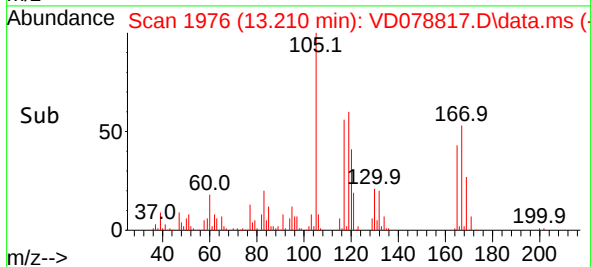
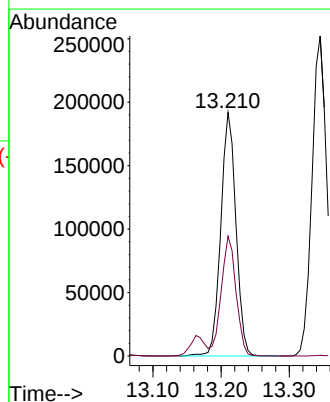
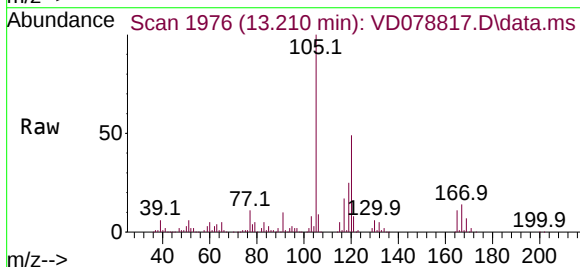
Instrument :
MSVOA_D
ClientSampleId :

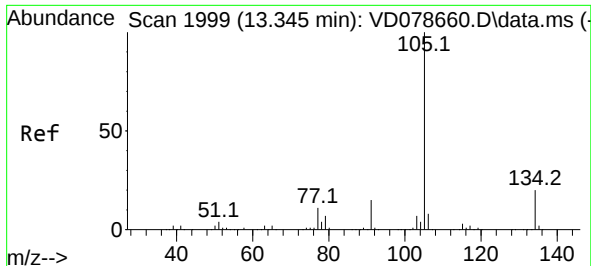
Tgt Ion:119 Resp: 257264
Ion Ratio Lower Upper
119 100
91 57.1 28.9 86.7
134 26.6 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 49.17 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion:105 Resp: 296308
Ion Ratio Lower Upper
105 100
120 48.1 23.1 69.2

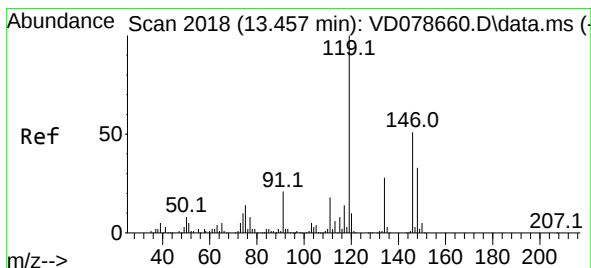
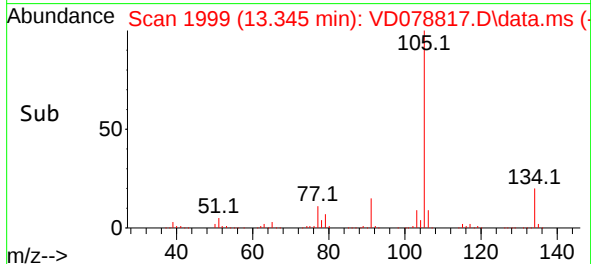
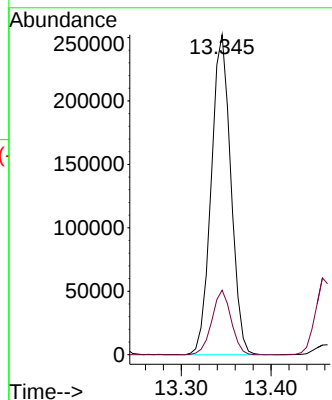
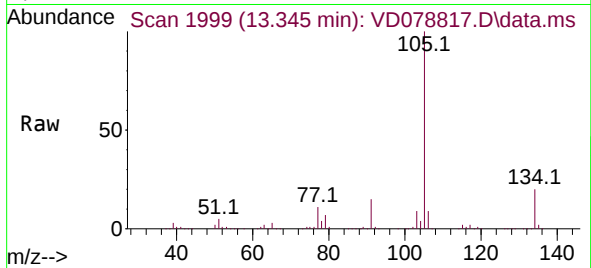




#85
 sec-Butylbenzene
 Concen: 48.94 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

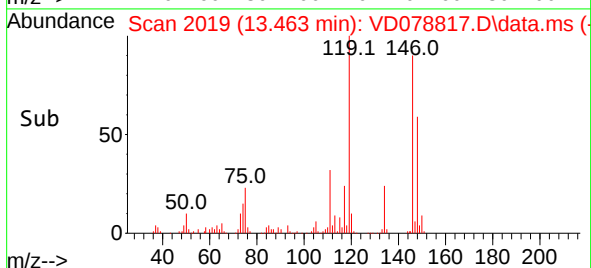
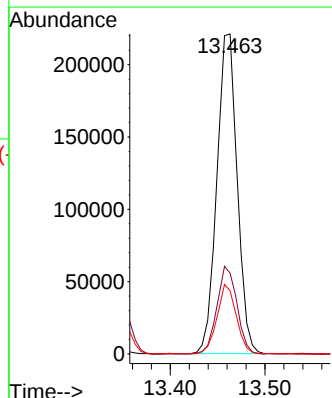
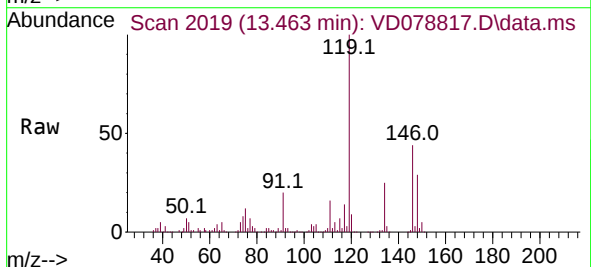
Instrument :
 MSVOA_D
 ClientSampleId :

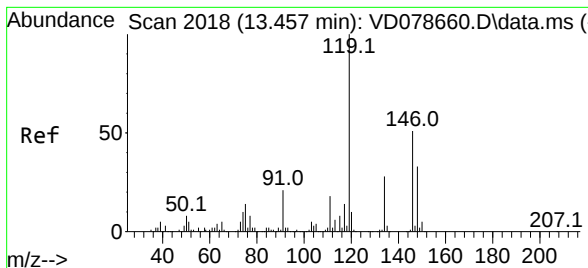
Tgt Ion:105 Resp: 381830
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 49.43 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

Tgt Ion:119 Resp: 330207
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.5
 91 20.6 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 47.32 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

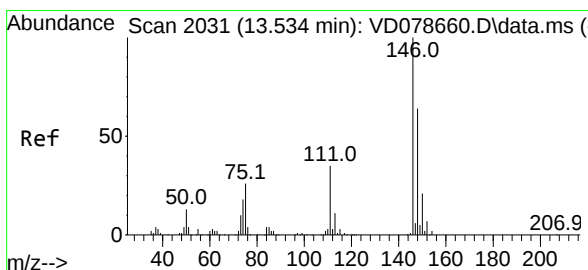
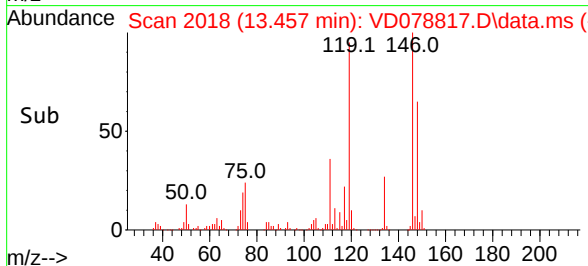
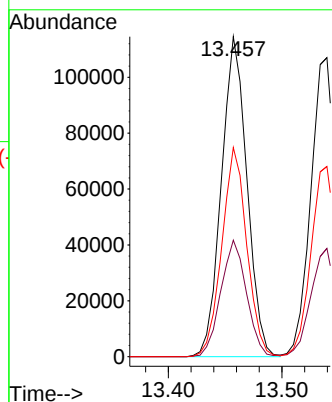
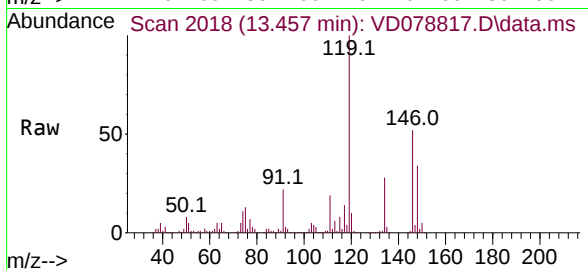
Tgt Ion:146 Resp: 179085

Ion Ratio Lower Upper

146 100

111 36.6 18.2 54.6

148 63.8 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 46.25 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

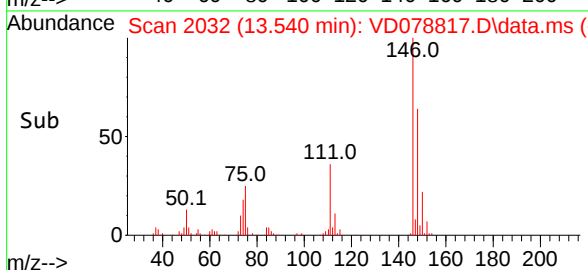
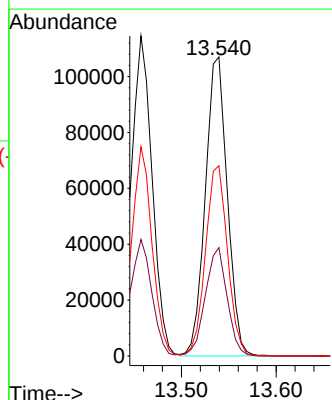
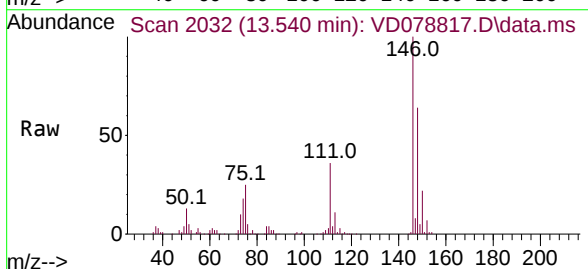
Tgt Ion:146 Resp: 172474

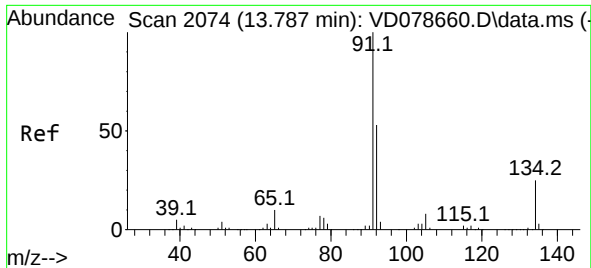
Ion Ratio Lower Upper

146 100

111 36.0 17.8 53.3

148 63.8 32.4 97.0

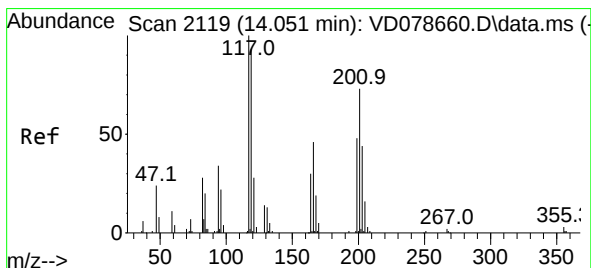
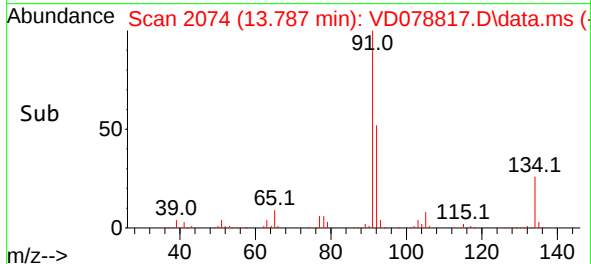
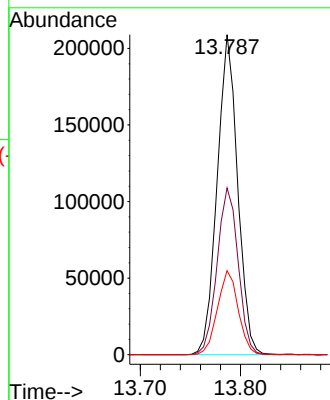
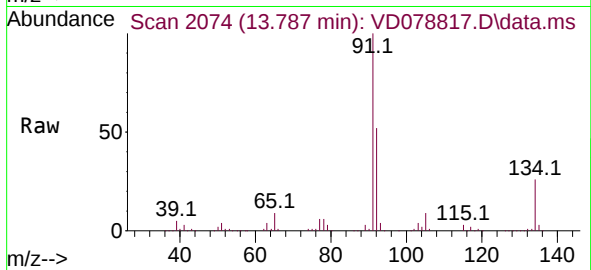




#89
n-Butylbenzene
Concen: 49.10 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

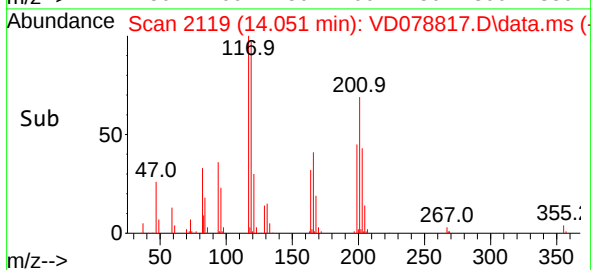
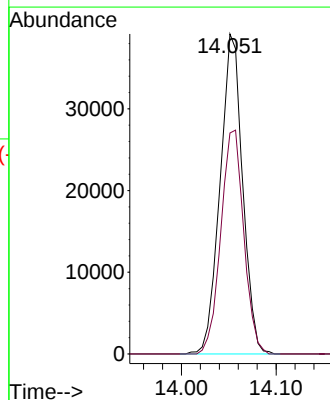
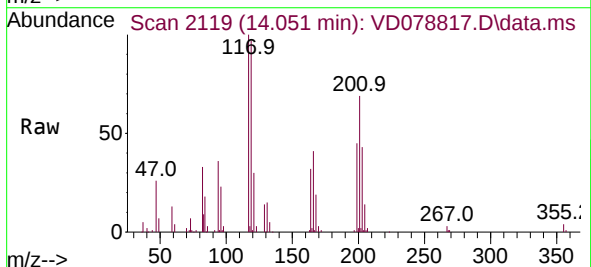
Instrument :
MSVOA_D
ClientSampleId :

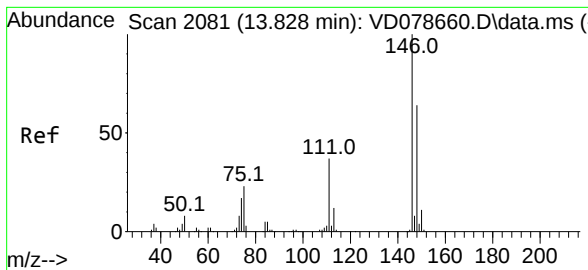
Tgt Ion: 91 Resp: 296176
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.0
134 26.6 13.0 38.9



#90
Hexachloroethane
Concen: 46.76 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 117 Resp: 64626
Ion Ratio Lower Upper
117 100
201 71.2 36.2 108.6

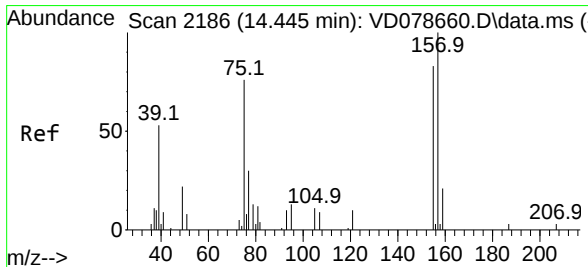
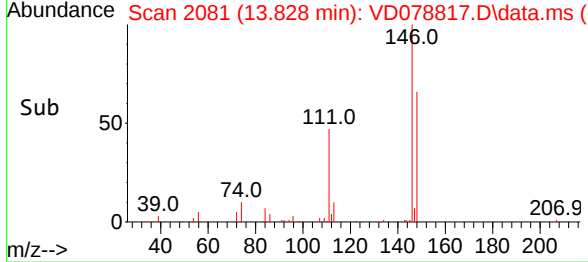
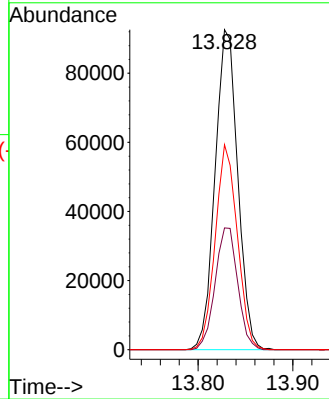
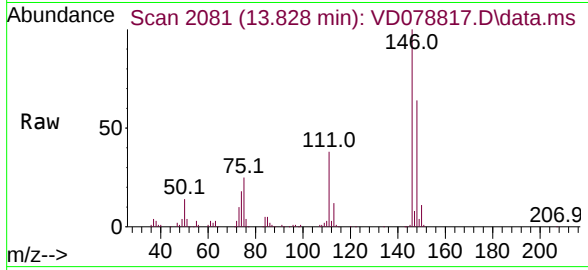




#91
1,2-Dichlorobenzene
Concen: 47.32 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

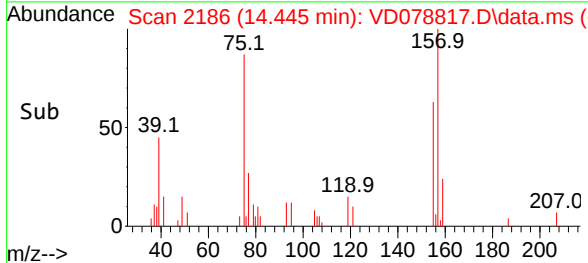
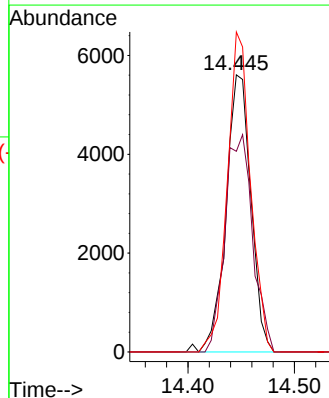
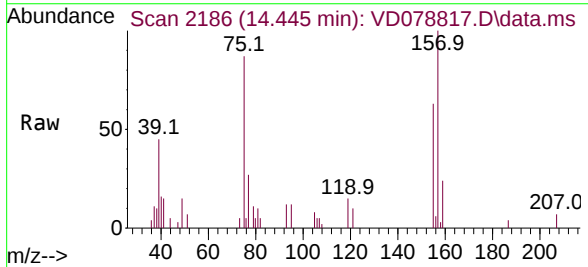
Instrument :
MSVOA_D
ClientSampleId :

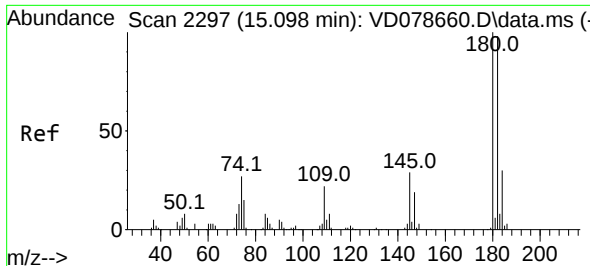
Tgt Ion:	146	Resp:	154241
Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	62.4	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.81 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

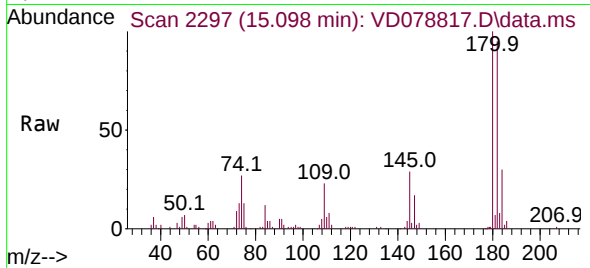
Tgt Ion:	75	Resp:	9098
Ion	Ratio	Lower	Upper
75	100		
155	86.9	49.8	149.3
157	108.0	65.5	196.3



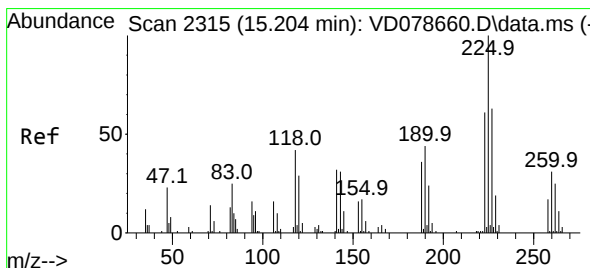
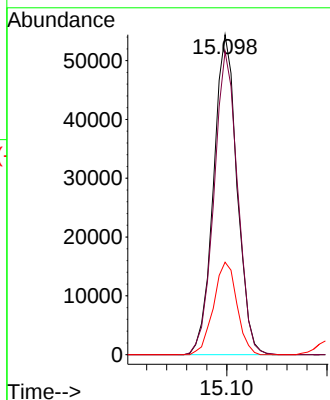
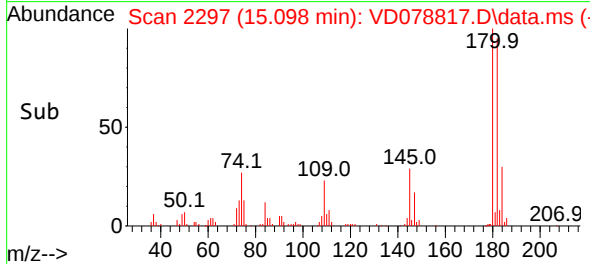


#93
1,2,4-Trichlorobenzene
Concen: 46.54 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

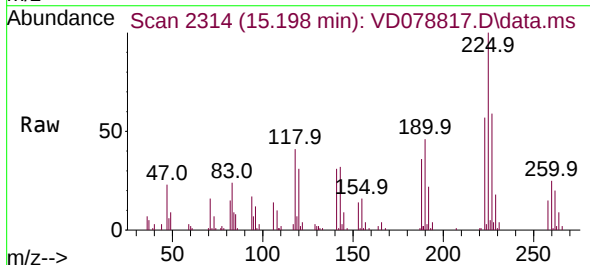
Instrument :
MSVOA_D
ClientSampleId :



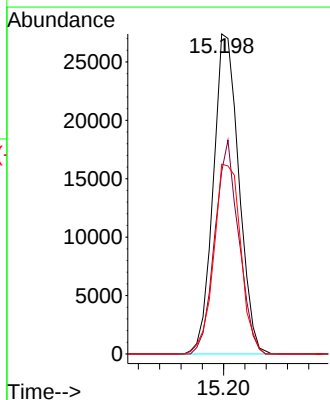
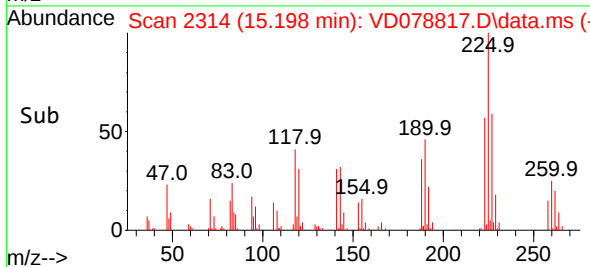
Tgt Ion:180 Resp: 88516
Ion Ratio Lower Upper
180 100
182 95.3 49.7 149.1
145 28.8 14.6 44.0

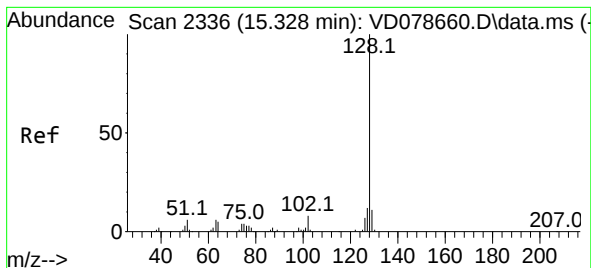


#94
Hexachlorobutadiene
Concen: 44.31 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44



Tgt Ion:225 Resp: 45626
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.7
227 62.3 32.0 96.0





#95

Naphthalene

Concen: 49.98 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

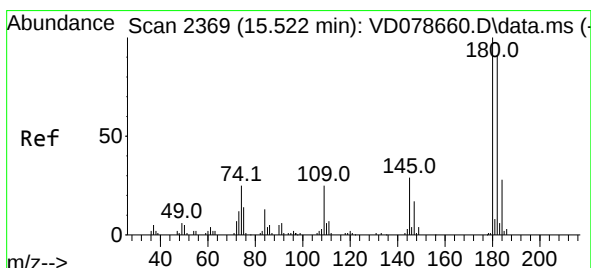
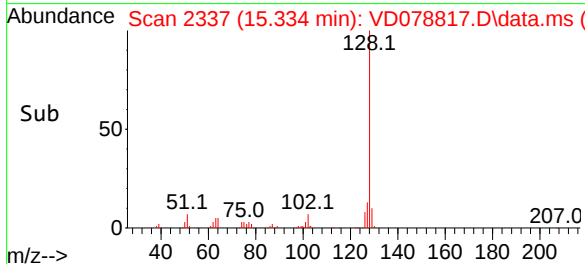
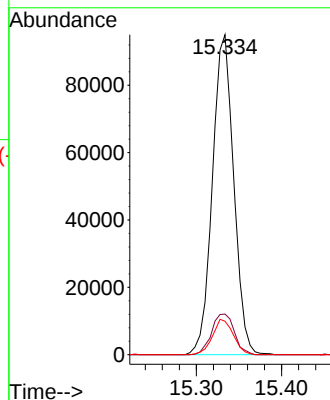
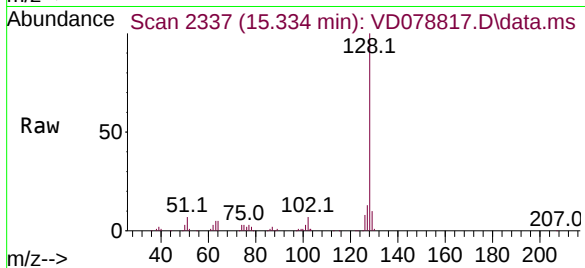
Tgt Ion:128 Resp: 165294

Ion Ratio Lower Upper

128 100

127 12.7 9.3 13.9

129 10.5 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.44 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Tgt Ion:180 Resp: 78069

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.1

145 30.9 14.4 43.4

