

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079731.D
 Acq On : 14 Aug 2024 11:52
 Operator : RP/MD
 Sample : VD0814SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 01:31:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	322193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	289536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	149314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100645	51.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.660%	
35) Dibromofluoromethane	7.804	113	98196	49.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.880%	
50) Toluene-d8	10.269	98	418500	50.412	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	12.569	95	119767	51.525	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	39461	26.097	ug/l	99
3) Chloromethane	2.146	50	76721	23.534	ug/l	98
4) Vinyl Chloride	2.281	62	89319	23.177	ug/l	96
5) Bromomethane	2.681	94	56057	21.370	ug/l	96
6) Chloroethane	2.828	64	58232	22.136	ug/l	96
7) Trichlorofluoromethane	3.169	101	72225	20.955	ug/l	96
8) Diethyl Ether	3.593	74	24256	22.506	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.963	101	41243	20.327	ug/l	93
10) Methyl Iodide	4.163	142	44401	19.551	ug/l	95
11) Tert butyl alcohol	5.063	59	15141	157.156	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	44298	20.880	ug/l	91
13) Acrolein	3.793	56	23092	102.232	ug/l	95
14) Allyl chloride	4.558	41	64758	20.350	ug/l #	83
15) Acrylonitrile	5.257	53	52268	105.350	ug/l	99
16) Acetone	4.022	43	40947	102.100	ug/l	94
17) Carbon Disulfide	4.269	76	155707	20.704	ug/l	98
18) Methyl Acetate	4.563	43	25428	19.206	ug/l #	81
19) Methyl tert-butyl Ether	5.322	73	91147	20.923	ug/l	98
20) Methylene Chloride	4.799	84	72489	23.946	ug/l #	88
21) trans-1,2-Dichloroethene	5.316	96	47723	20.488	ug/l	90
22) Diisopropyl ether	6.216	45	141784	21.621	ug/l #	90
23) Vinyl Acetate	6.157	43	526355	109.507	ug/l #	90
24) 1,1-Dichloroethane	6.104	63	88898	20.507	ug/l	95
25) 2-Butanone	7.081	43	61921	103.644	ug/l #	88
26) 2,2-Dichloropropane	7.075	77	72238	21.100	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	56574	20.939	ug/l	89
28) Bromochloromethane	7.422	49	36397	19.737	ug/l #	1
29) Tetrahydrofuran	7.446	42	39444	108.604	ug/l #	77
30) Chloroform	7.599	83	87817	20.861	ug/l	94
31) Cyclohexane	7.875	56	69752	19.651	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	72434	20.799	ug/l	98
36) 1,1-Dichloropropene	8.004	75	61337	19.922	ug/l	96
37) Ethyl Acetate	7.163	43	27535	19.761	ug/l	98
38) Carbon Tetrachloride	7.987	117	62962	20.147	ug/l	96
39) Methylcyclohexane	9.269	83	72460	19.912	ug/l	91
40) Benzene	8.251	78	203534	20.326	ug/l	100

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Instrument :
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 ClientSampleId :

Quant Time: Aug 15 01:31:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	14398	19.620	ug/l #	66
42) 1,2-Dichloroethane	8.322	62	47237	20.408	ug/l	95
43) Isopropyl Acetate	8.363	43	50569	20.810	ug/l #	93
44) Trichloroethene	9.028	130	43038	19.569	ug/l	81
45) 1,2-Dichloropropane	9.298	63	48356	19.619	ug/l	95
46) Dibromomethane	9.393	93	25437	20.385	ug/l #	87
47) Bromodichloromethane	9.581	83	63216	20.097	ug/l	95
48) Methyl methacrylate	9.375	41	22656	20.270	ug/l #	81
49) 1,4-Dioxane	9.387	88	6401	509.681	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	129662	103.714	ug/l	93
52) Toluene	10.334	92	124903	20.801	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	59539	20.249	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	73674	20.415	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	33234	19.979	ug/l	91
56) Ethyl methacrylate	10.598	69	41133	21.758	ug/l #	86
57) 1,3-Dichloropropane	10.875	76	57063	19.898	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	95442	105.214	ug/l	89
59) 2-Hexanone	10.916	43	93040	111.211	ug/l	91
60) Dibromochloromethane	11.075	129	40616	19.818	ug/l	96
61) 1,2-Dibromoethane	11.175	107	30268	20.492	ug/l	99
64) Tetrachloroethene	10.810	164	34592	19.553	ug/l	91
65) Chlorobenzene	11.604	112	129163	20.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	41141	19.848	ug/l	98
67) Ethyl Benzene	11.681	91	220265	19.745	ug/l	99
68) m/p-Xylenes	11.792	106	175633	40.488	ug/l	94
69) o-Xylene	12.116	106	79291	19.999	ug/l	92
70) Styrene	12.134	104	144135	20.723	ug/l	96
71) Bromoform	12.292	173	21328	20.018	ug/l #	97
73) Isopropylbenzene	12.416	105	203527	19.415	ug/l	99
74) N-amyl acetate	12.228	43	49964	21.394	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	38813	19.830	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	49504	40.669	ug/l #	100
77) Bromobenzene	12.698	156	45541	19.425	ug/l	80
78) n-propylbenzene	12.763	91	254660	19.632	ug/l	98
79) 2-Chlorotoluene	12.845	91	141773	19.627	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	172774	19.875	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	14278	19.989	ug/l	96
82) 4-Chlorotoluene	12.945	91	152890	20.129	ug/l	94
83) tert-Butylbenzene	13.163	119	142276	19.393	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	175501	19.734	ug/l	96
85) sec-Butylbenzene	13.339	105	223768	19.794	ug/l	99
86) p-Isopropyltoluene	13.457	119	182712	19.239	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	97271	19.490	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	97355	19.761	ug/l	96
89) n-Butylbenzene	13.786	91	176323	19.697	ug/l	98
90) Hexachloroethane	14.051	117	38325	19.668	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	84829	19.735	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5806	21.732	ug/l	73
93) 1,2,4-Trichlorobenzene	15.092	180	48657	19.677	ug/l	99
94) Hexachlorobutadiene	15.198	225	24849	19.983	ug/l	95
95) Naphthalene	15.328	128	94762	20.037	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	41857	19.311	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Aug 13 01:06:11 2024
Response via : Initial Calibration

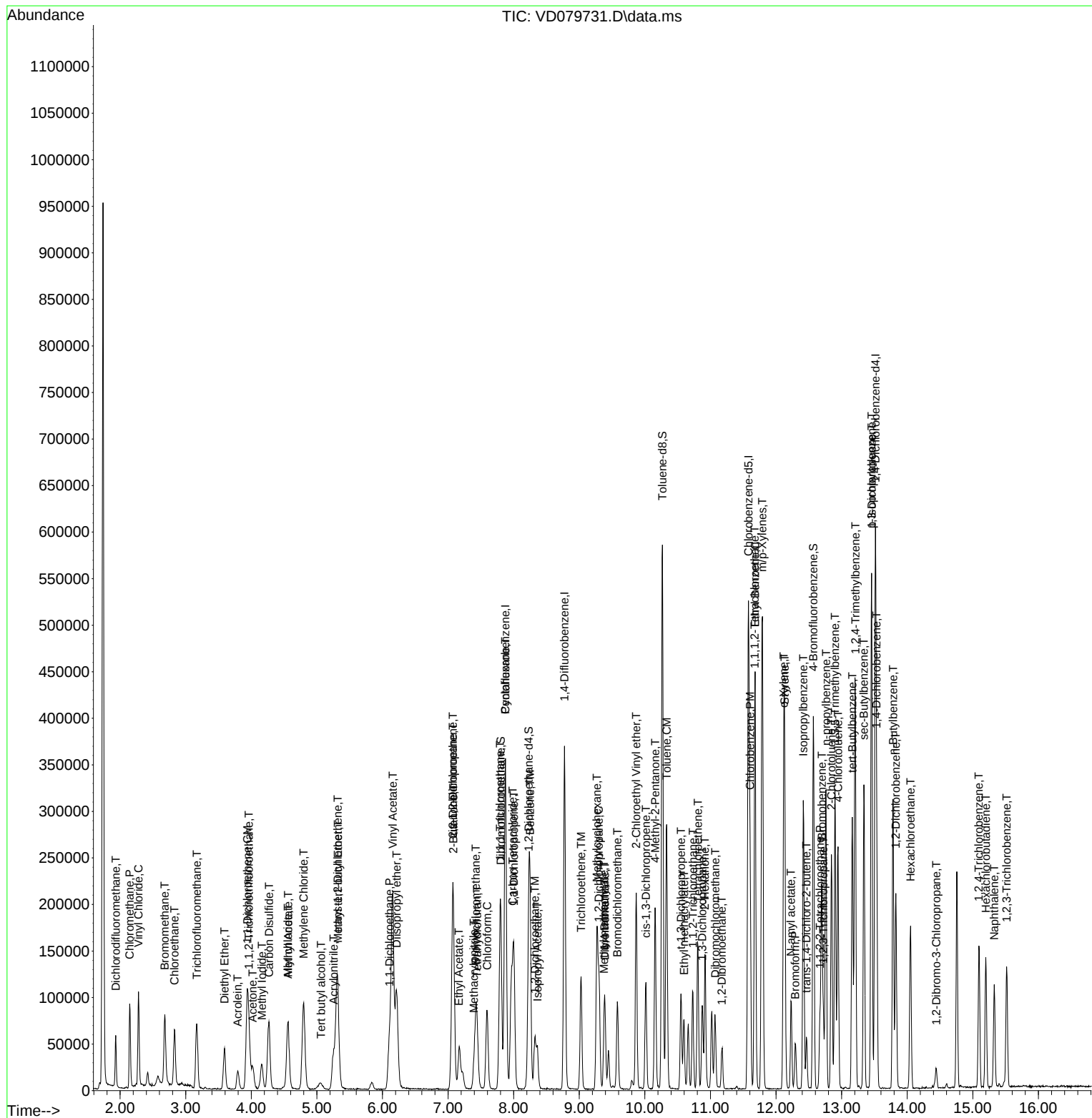
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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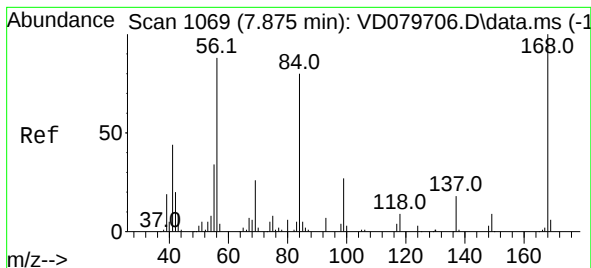
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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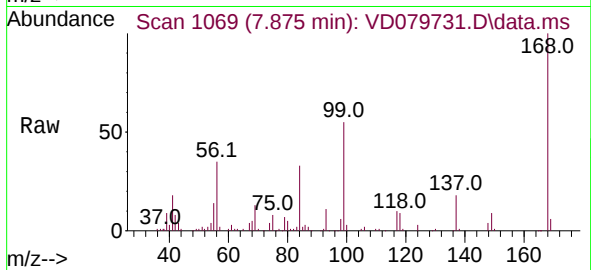
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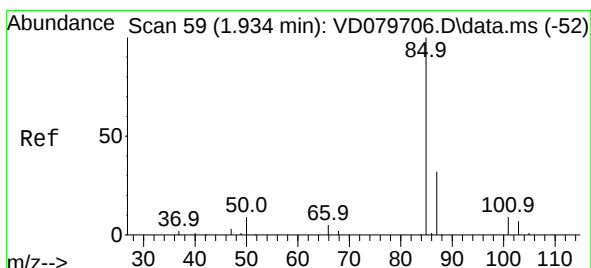
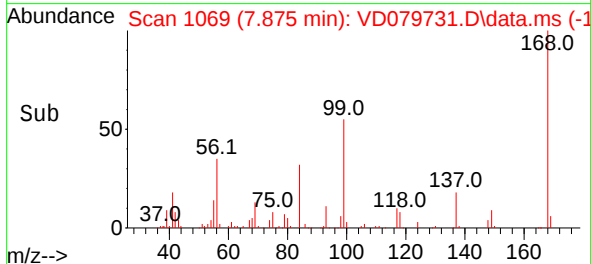
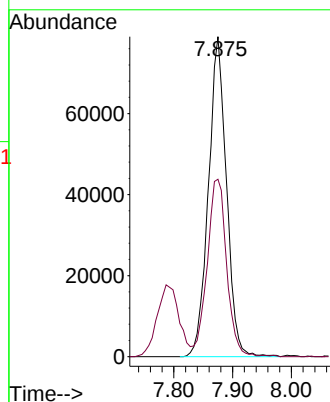


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079731.D
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ClientSampleId :

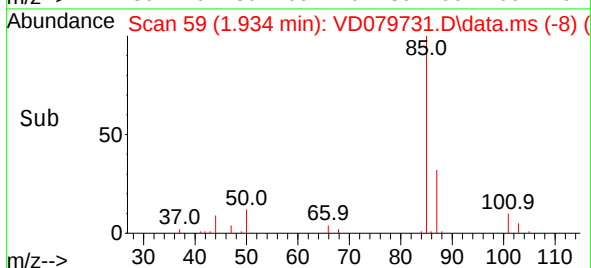
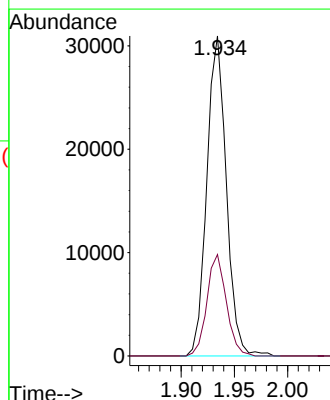
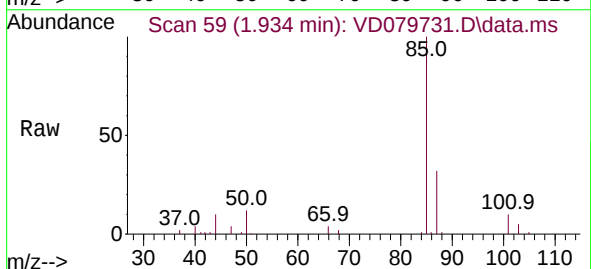


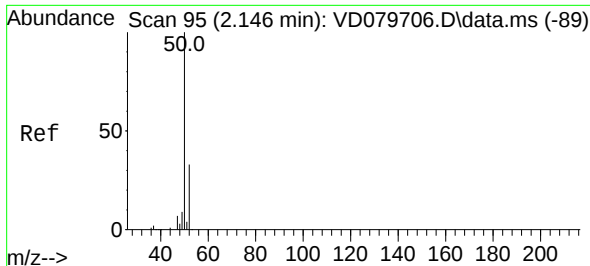
Tgt Ion:168 Resp: 168791
Ion Ratio Lower Upper
168 100
99 55.4 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 26.097 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

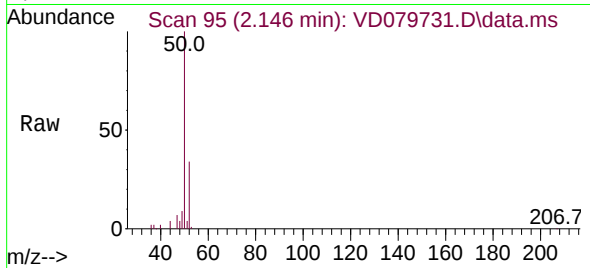
Tgt Ion: 85 Resp: 39461
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0



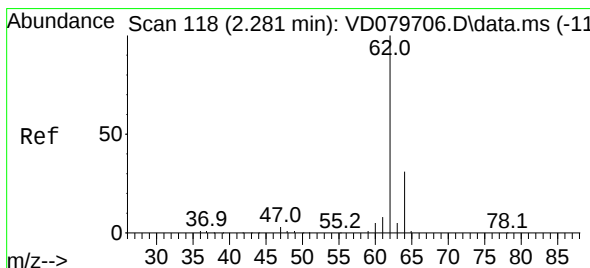
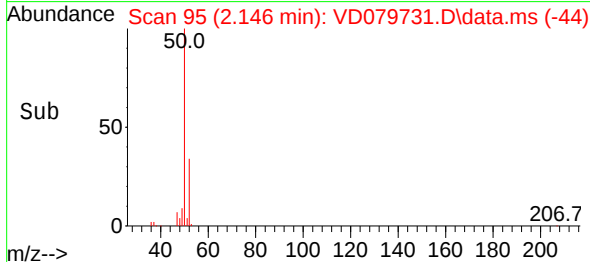
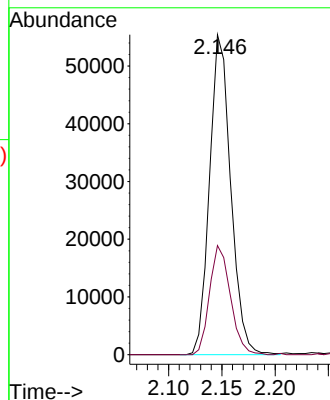


#3
Chloromethane
Concen: 23.534 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :

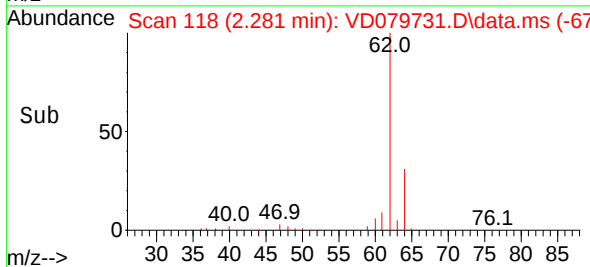
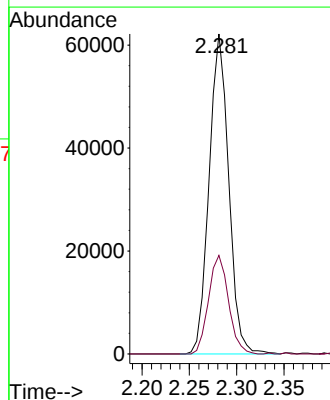
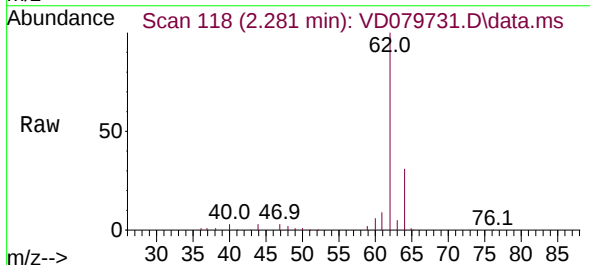


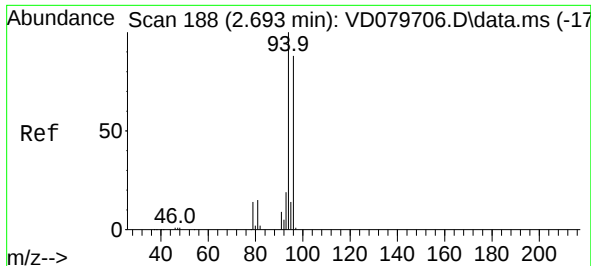
Tgt Ion: 50 Resp: 76721
Ion Ratio Lower Upper
50 100
52 34.1 28.2 42.2



#4
Vinyl Chloride
Concen: 23.177 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 62 Resp: 89319
Ion Ratio Lower Upper
62 100
64 30.8 26.3 39.5

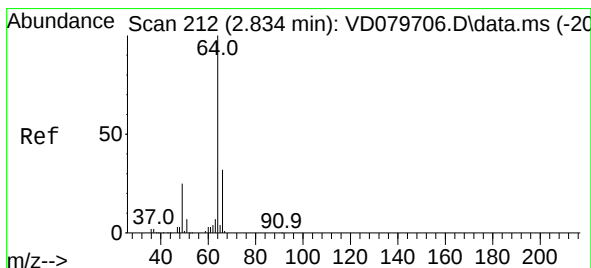
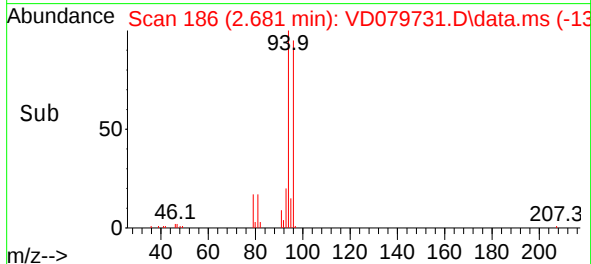
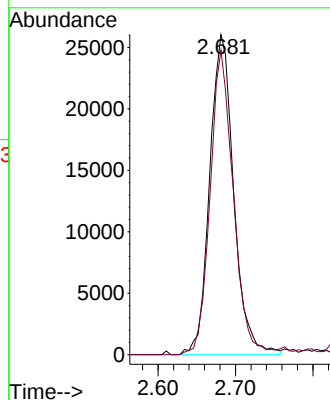
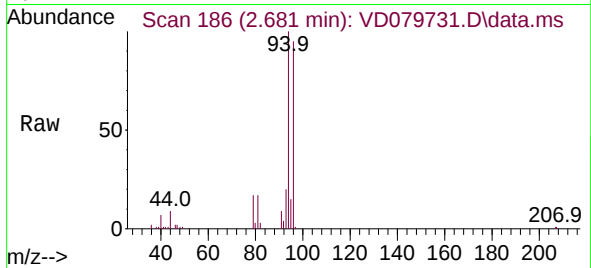




#5
Bromomethane
Concen: 21.370 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

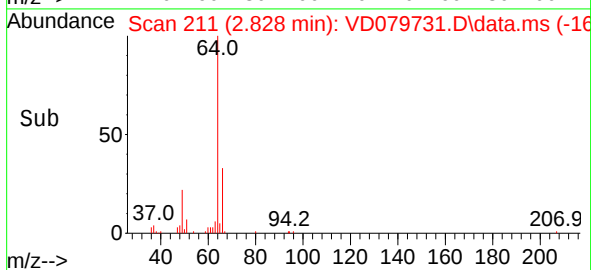
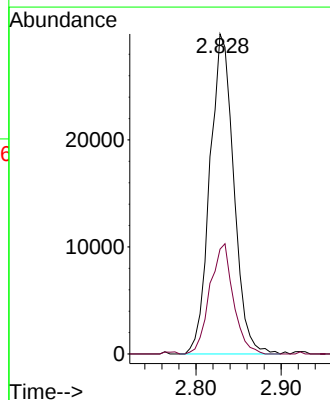
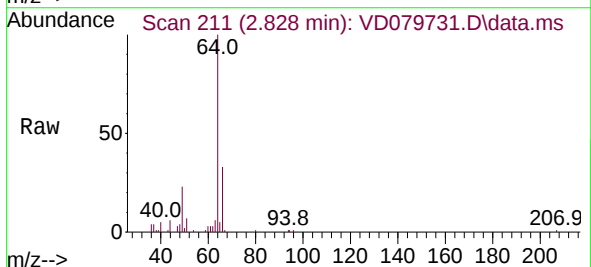
Instrument :
MSVOA_D
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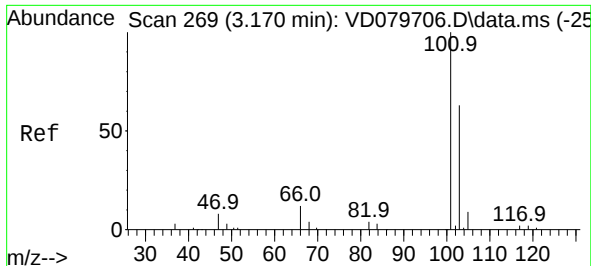
Tgt Ion: 94 Resp: 56057
Ion Ratio Lower Upper
94 100
96 91.9 76.9 115.3



#6
Chloroethane
Concen: 22.136 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

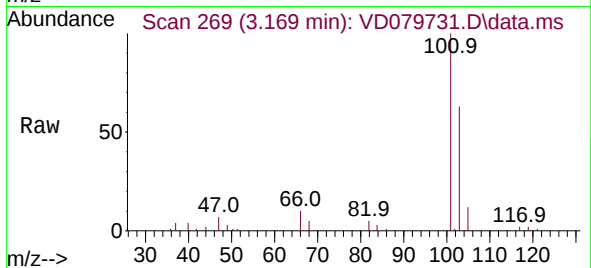
Tgt Ion: 64 Resp: 58232
Ion Ratio Lower Upper
64 100
66 32.8 24.5 36.7



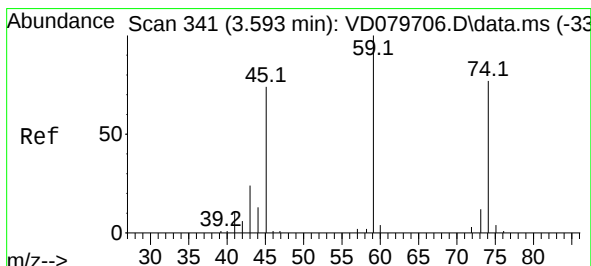
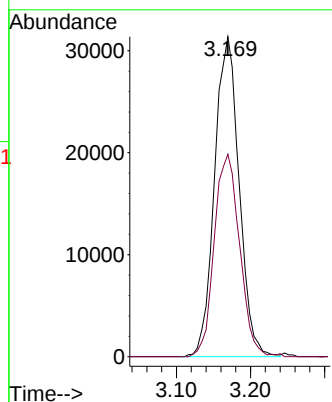
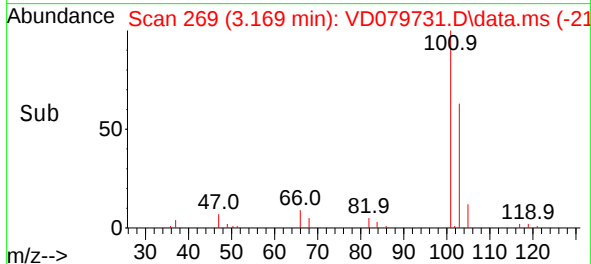


#7
Trichlorofluoromethane
Concen: 20.955 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :

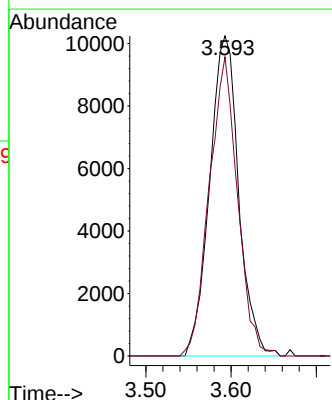
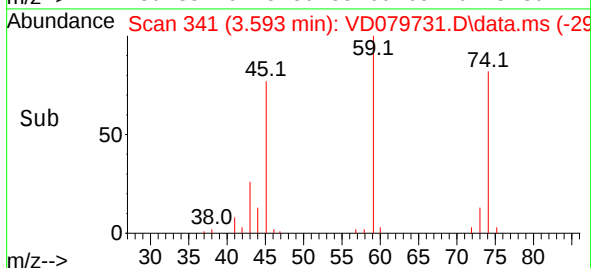
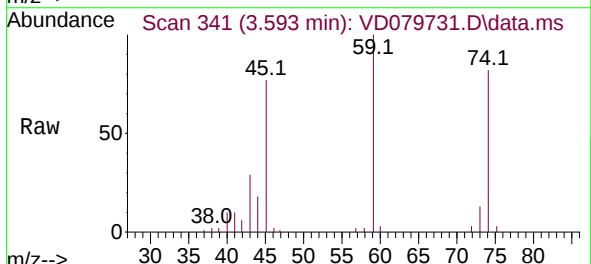


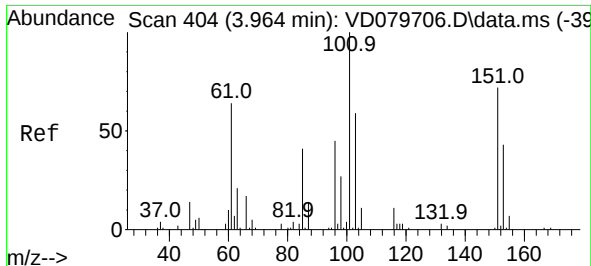
Tgt Ion:101 Resp: 72225
Ion Ratio Lower Upper
101 100
103 63.3 53.2 79.8



#8
Diethyl Ether
Concen: 22.506 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 74 Resp: 24256
Ion Ratio Lower Upper
74 100
45 91.1 37.9 113.6

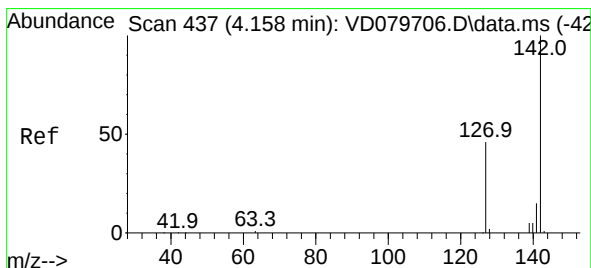
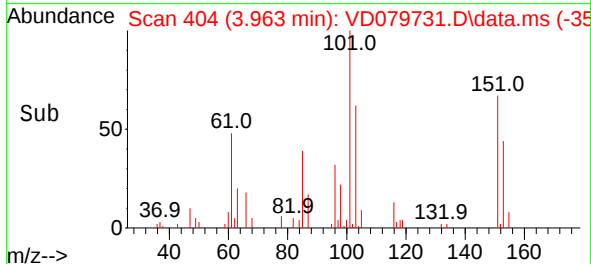
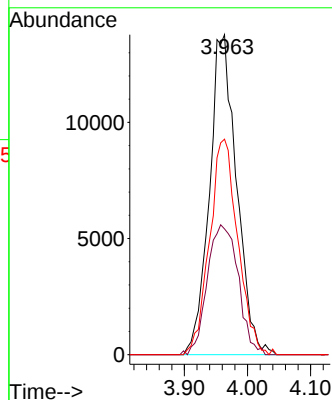
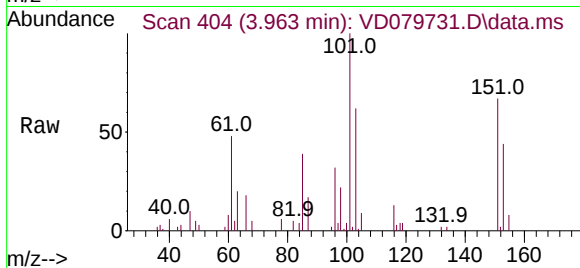




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.327 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

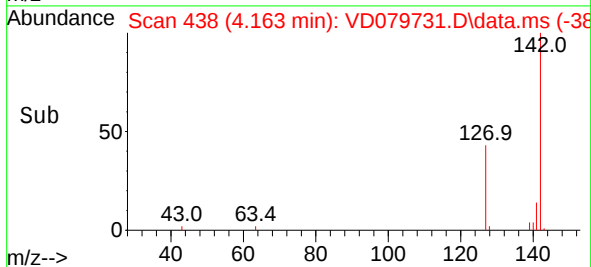
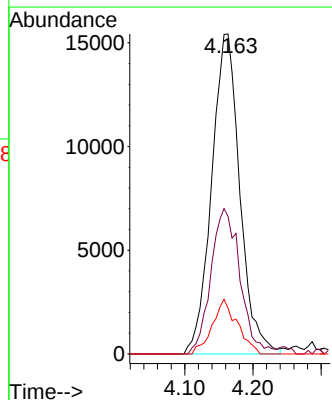
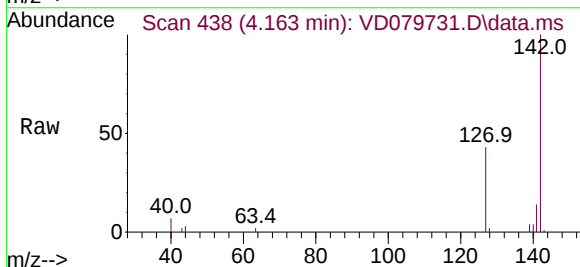
Instrument :
MSVOA_D
ClientSampleId :

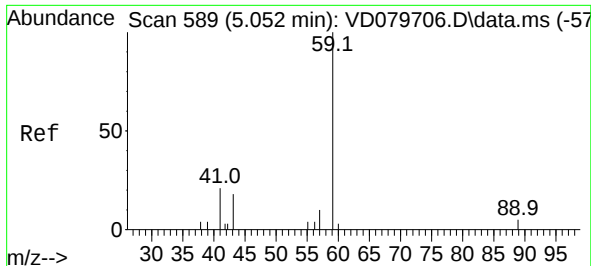
Tgt Ion:101 Resp: 41243
Ion Ratio Lower Upper
101 100
85 46.0 33.5 50.3
151 69.7 60.3 90.5



#10
Methyl Iodide
Concen: 19.551 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

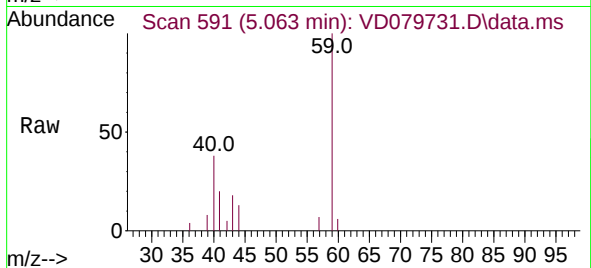
Tgt Ion:142 Resp: 44401
Ion Ratio Lower Upper
142 100
127 46.9 34.2 51.4
141 15.2 11.7 17.5



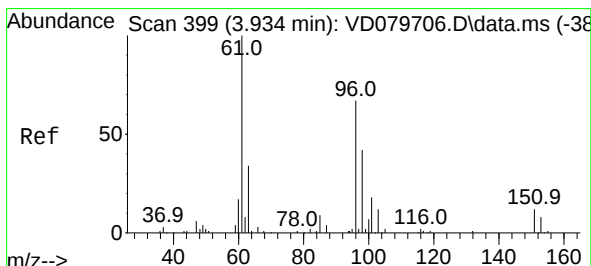
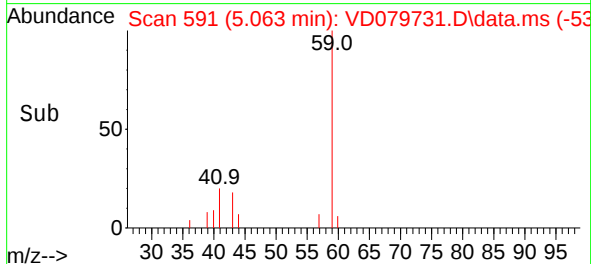
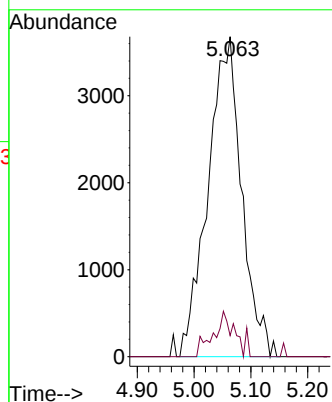


#11
Tert butyl alcohol
Concen: 157.156 ug/l
RT: 5.063 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :

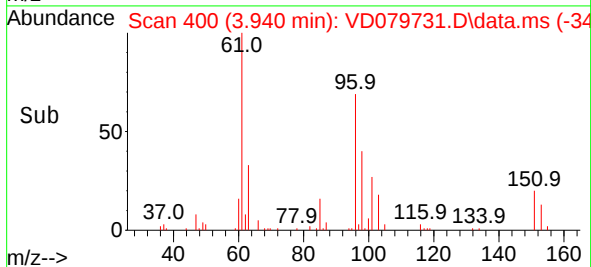
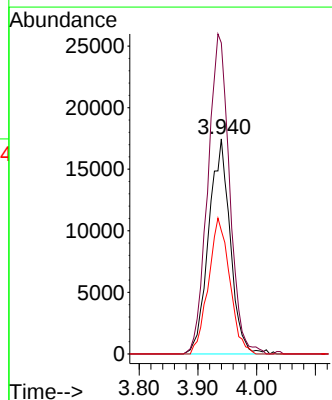
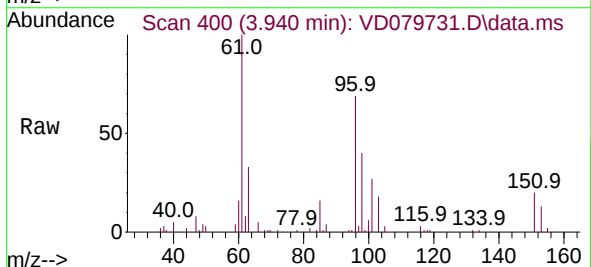


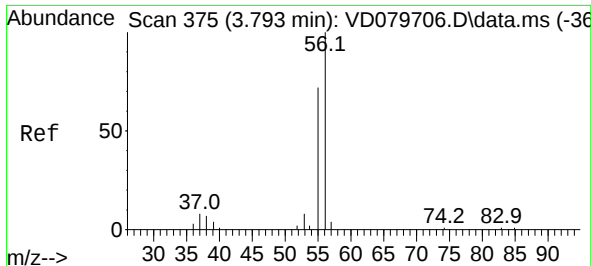
Tgt Ion: 59 Resp: 15141
Ion Ratio Lower Upper
59 100
57 8.4 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 20.880 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

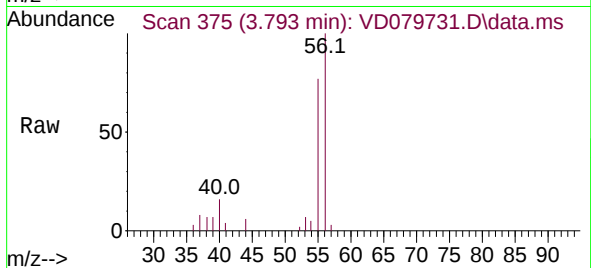
Tgt Ion: 96 Resp: 44298
Ion Ratio Lower Upper
96 100
61 144.6 107.3 160.9
98 57.4 51.7 77.5



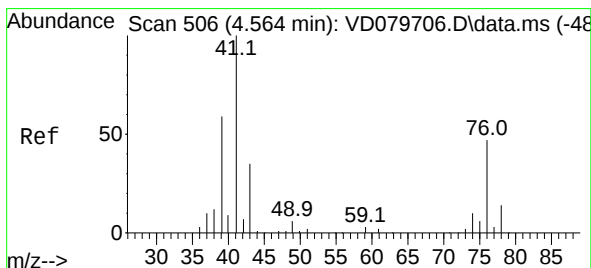
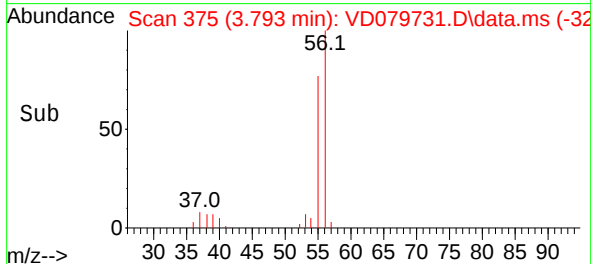
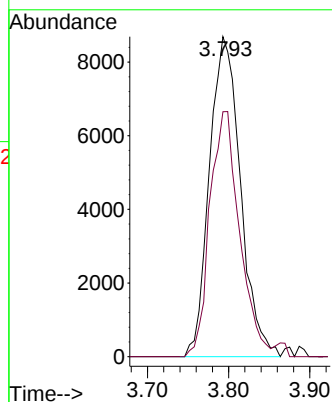


#13
Acrolein
Concen: 102.232 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :

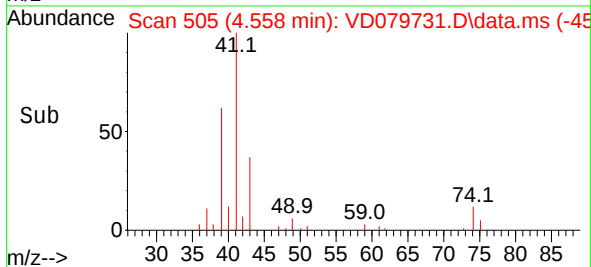
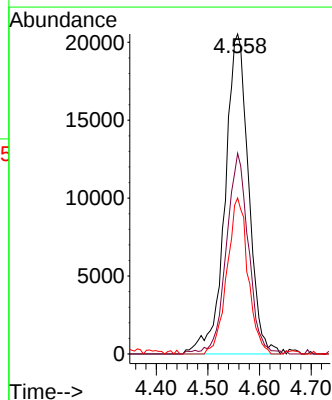
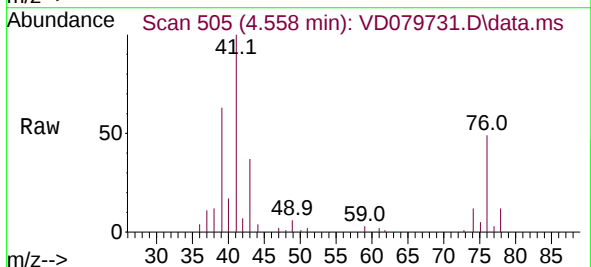


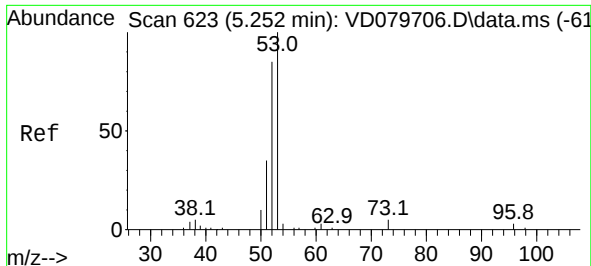
Tgt Ion: 56 Resp: 23092
Ion Ratio Lower Upper
56 100
55 73.2 55.3 82.9



#14
Allyl chloride
Concen: 20.350 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 41 Resp: 64758
Ion Ratio Lower Upper
41 100
39 59.2 58.0 87.0
76 43.5 45.9 68.9#

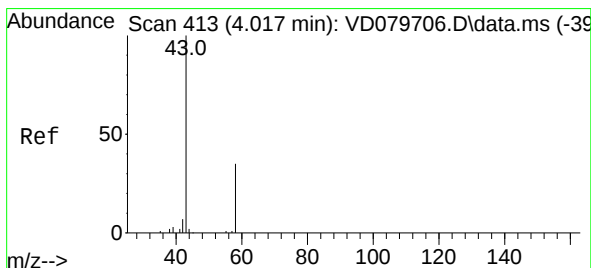
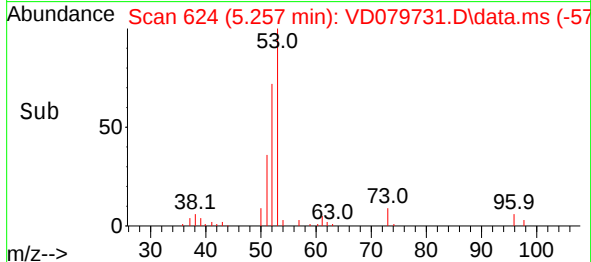
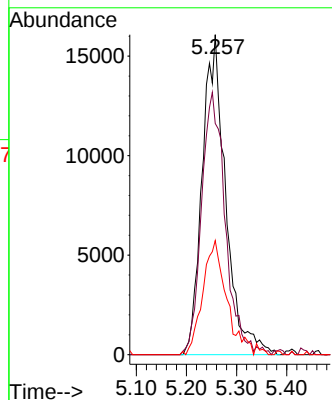
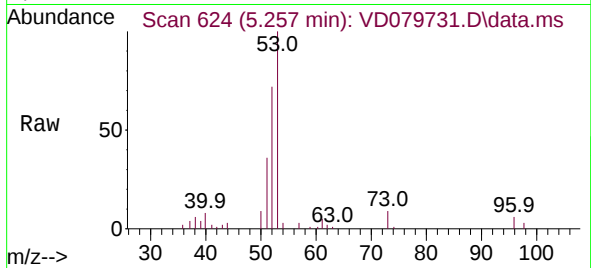




#15
Acrylonitrile
Concen: 105.350 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

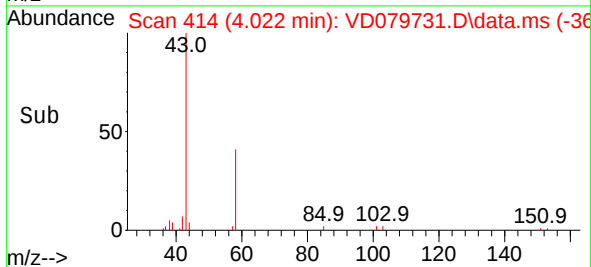
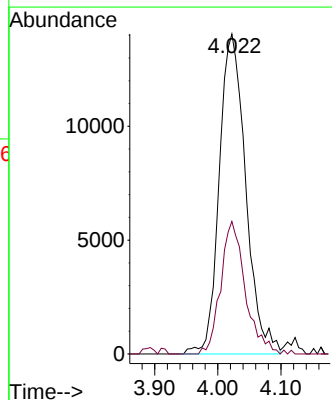
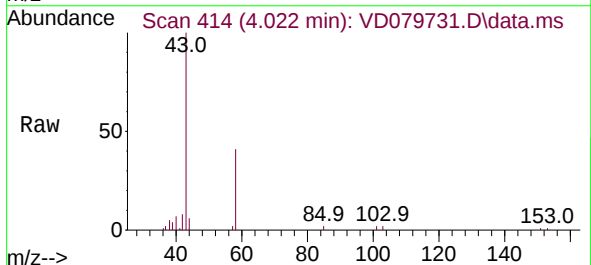
Instrument :
MSVOA_D
ClientSampleId :

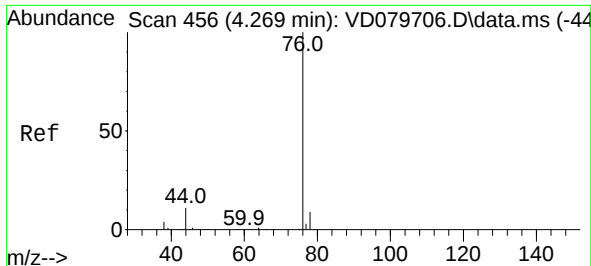
Tgt Ion: 53 Resp: 52268
Ion Ratio Lower Upper
53 100
52 83.1 67.7 101.5
51 36.2 28.6 42.8



#16
Acetone
Concen: 102.100 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 43 Resp: 40947
Ion Ratio Lower Upper
43 100
58 41.4 30.4 45.6

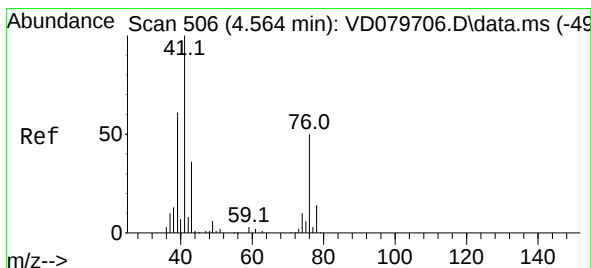
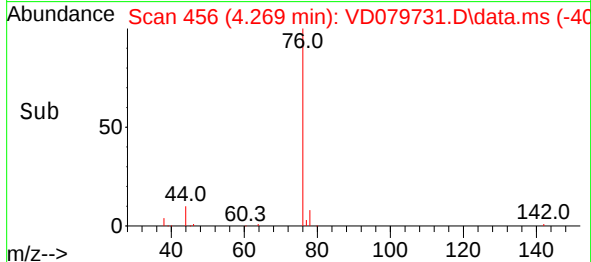
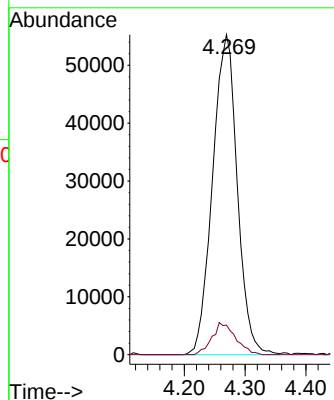
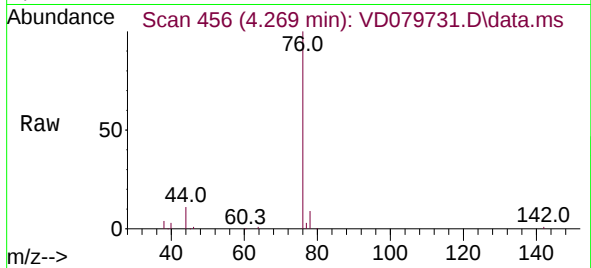




#17
Carbon Disulfide
Concen: 20.704 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

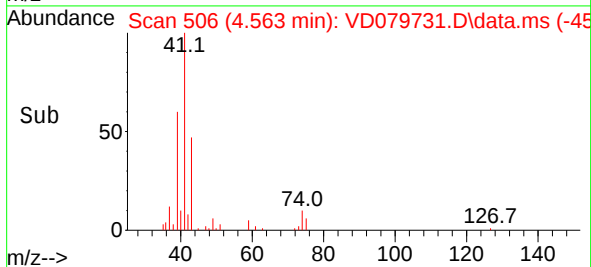
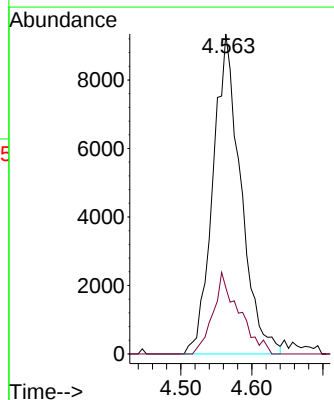
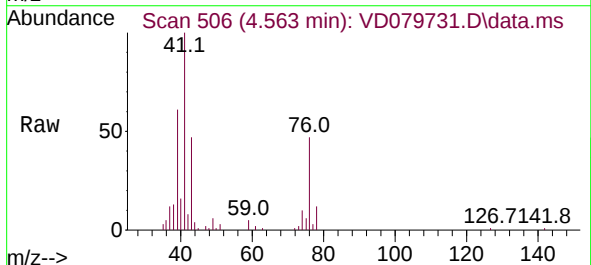
Instrument :
MSVOA_D
ClientSampleId :

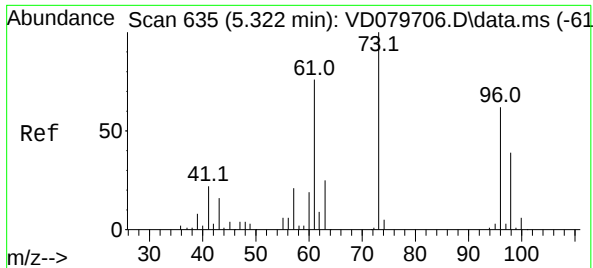
Tgt Ion: 76 Resp: 155707
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 19.206 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

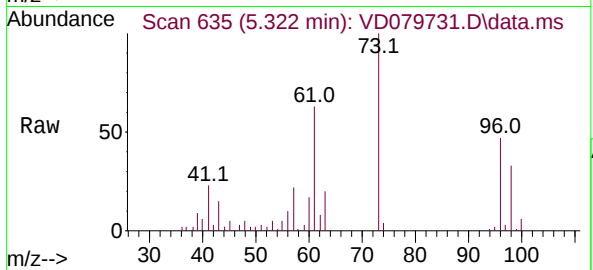
Tgt Ion: 43 Resp: 25428
Ion Ratio Lower Upper
43 100
74 24.0 28.1 42.1#



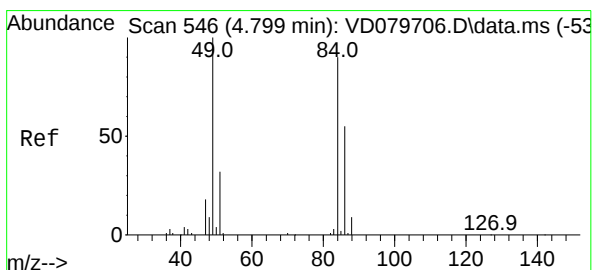
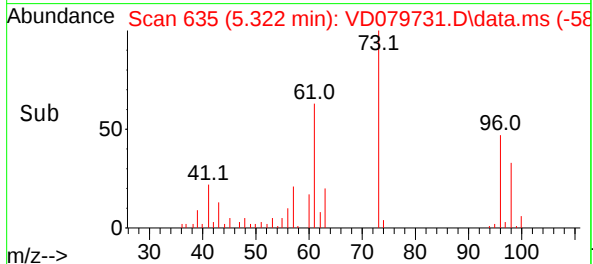
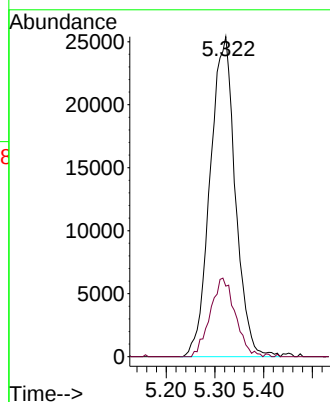


#19
Methyl tert-butyl Ether
Concen: 20.923 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :

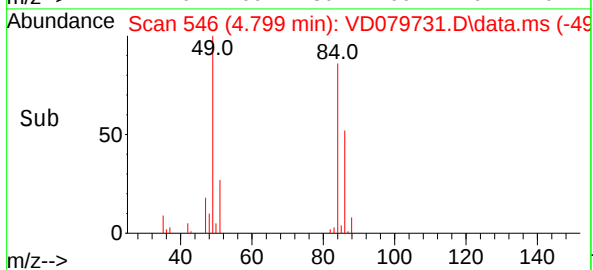
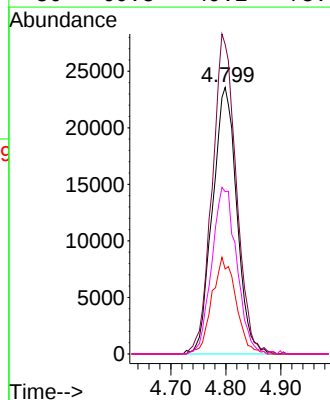
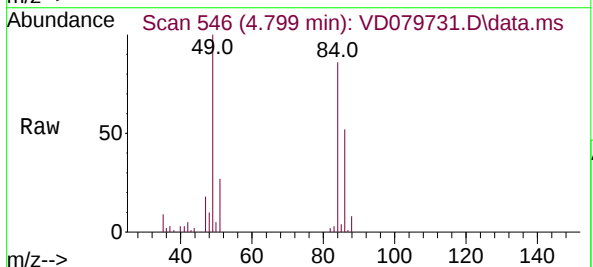


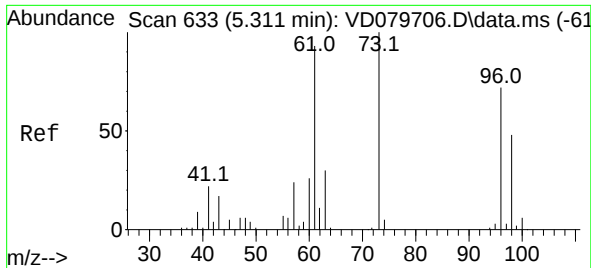
Tgt Ion: 73 Resp: 91147
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5



#20
Methylene Chloride
Concen: 23.946 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

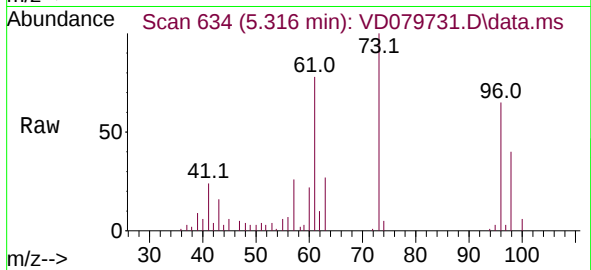
Tgt Ion: 84 Resp: 72489
Ion Ratio Lower Upper
84 100
49 116.1 75.6 113.4#
51 31.9 24.2 36.2
86 60.8 49.2 73.8



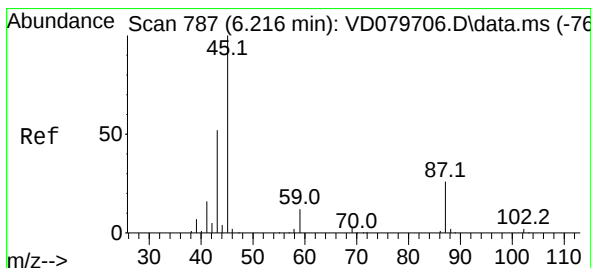
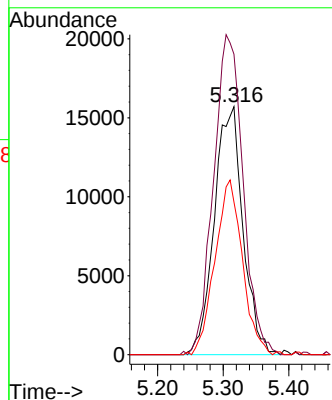
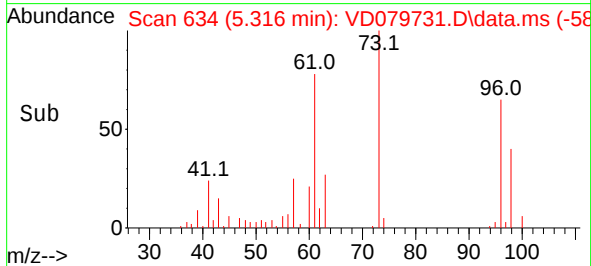


#21
trans-1,2-Dichloroethene
Concen: 20.488 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

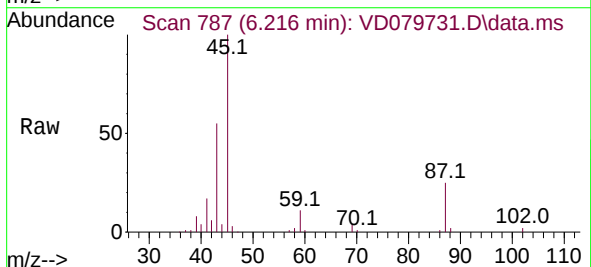
Instrument :
MSVOA_D
ClientSampleId :



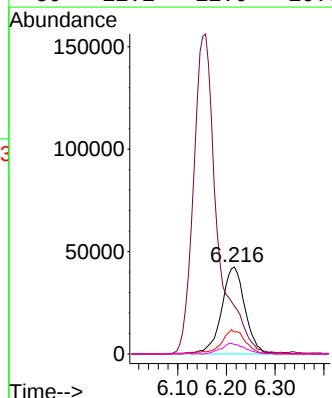
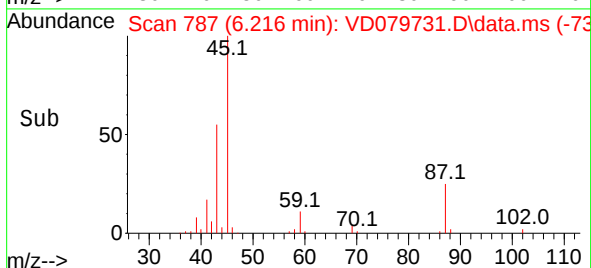
Tgt Ion: 96 Resp: 47723
Ion Ratio Lower Upper
96 100
61 121.2 84.5 126.7
98 61.5 50.5 75.7

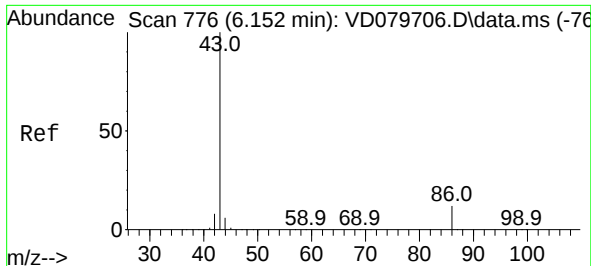


#22
Diisopropyl ether
Concen: 21.621 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52



Tgt Ion: 45 Resp: 141784
Ion Ratio Lower Upper
45 100
43 53.1 41.7 62.5
87 24.7 30.2 45.2#
59 11.1 11.0 16.6

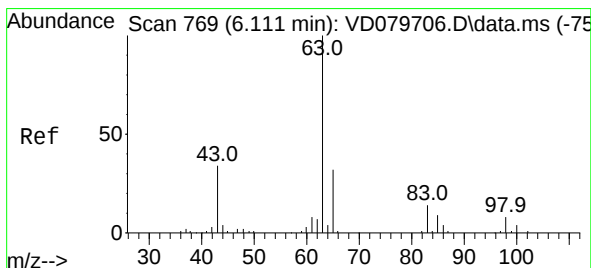
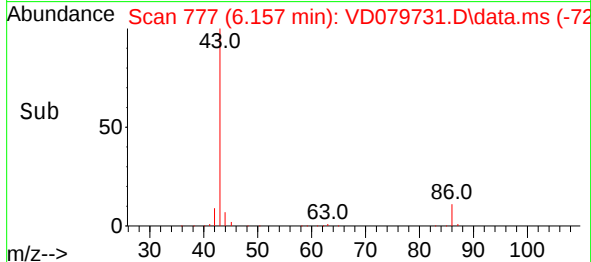
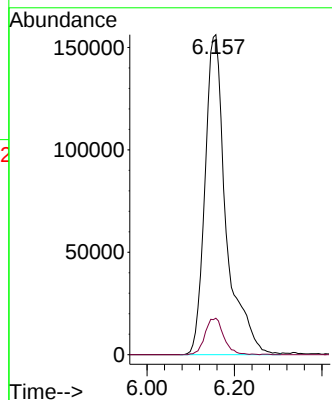
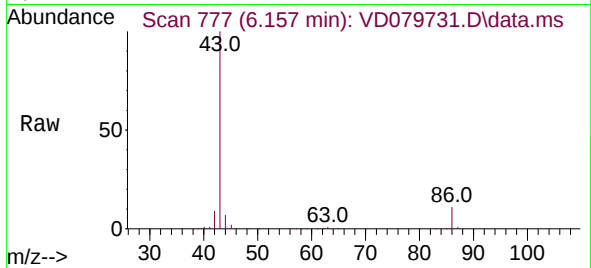




#23
 Vinyl Acetate
 Concen: 109.507 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD079731.D
 Acq: 14 Aug 2024 11:52

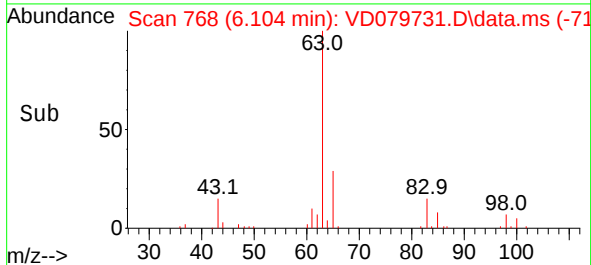
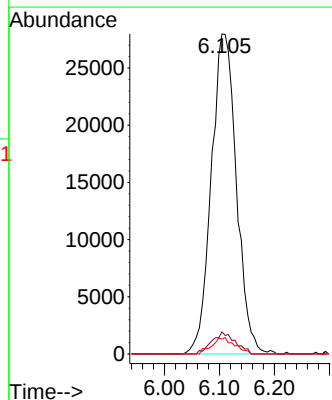
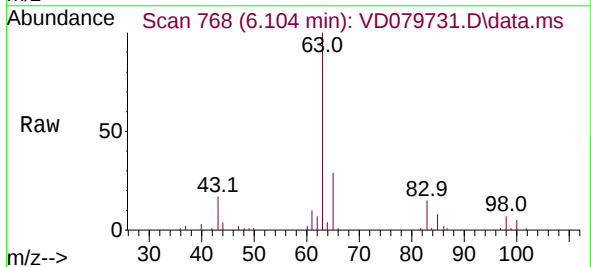
Instrument :
 MSVOA_D
 ClientSampleId :

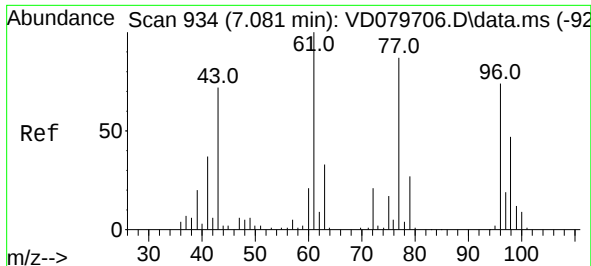
Tgt Ion: 43 Resp: 526355
 Ion Ratio Lower Upper
 43 100
 86 11.4 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 20.507 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD079731.D
 Acq: 14 Aug 2024 11:52

Tgt Ion: 63 Resp: 88898
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.7 14.0
 100 4.7 2.9 8.6

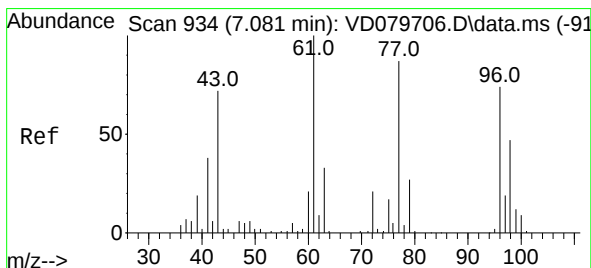
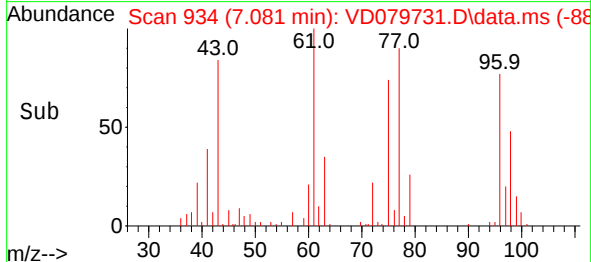
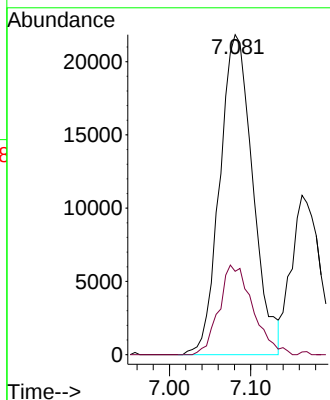
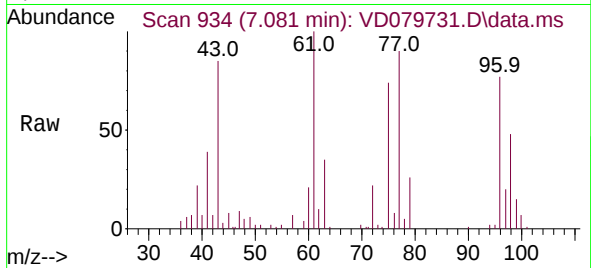




#25
2-Butanone
Concen: 103.644 ug/l
RT: 7.081 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

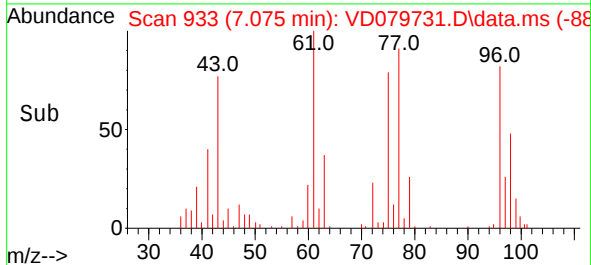
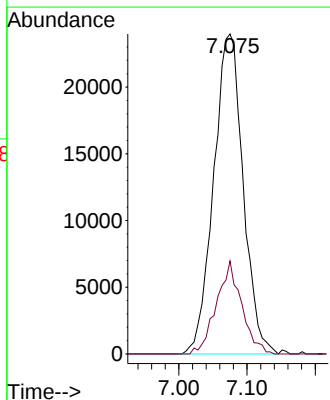
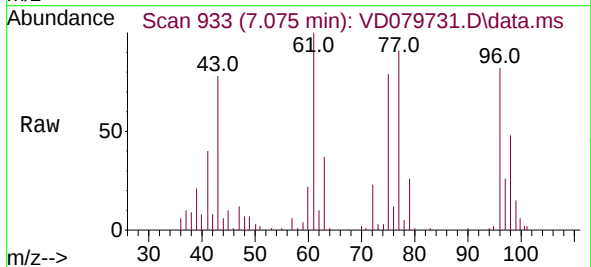
Instrument :
MSVOA_D
ClientSampleId :

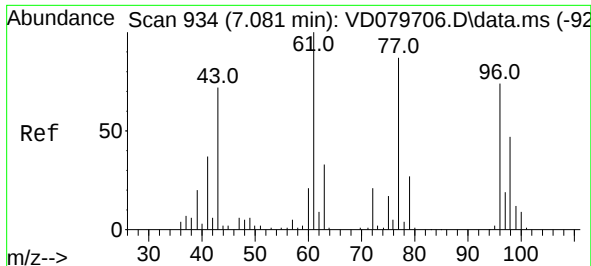
Tgt Ion: 43 Resp: 61921
Ion Ratio Lower Upper
43 100
72 26.1 26.4 39.6#



#26
2,2-Dichloropropane
Concen: 21.100 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 77 Resp: 72238
Ion Ratio Lower Upper
77 100
97 24.7 12.4 37.2

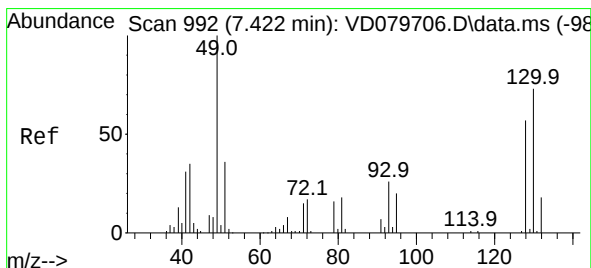
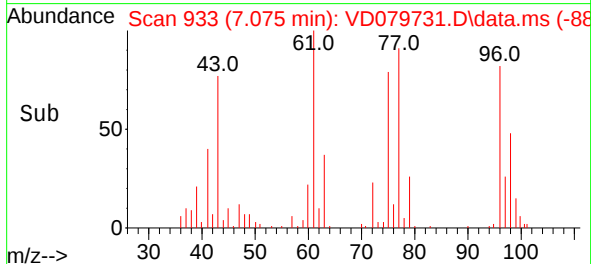
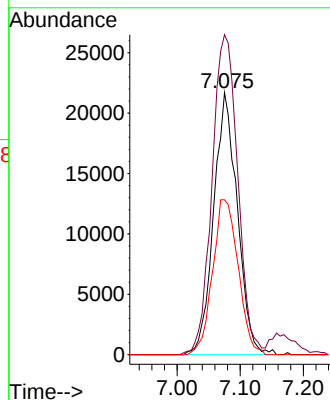
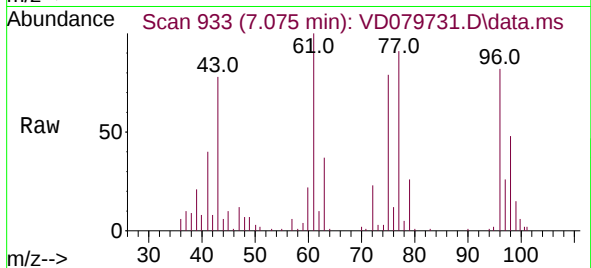




#27
cis-1,2-Dichloroethene
Concen: 20.939 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

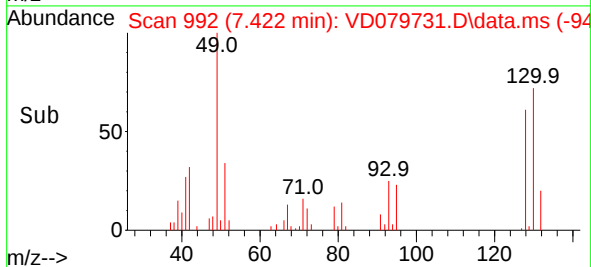
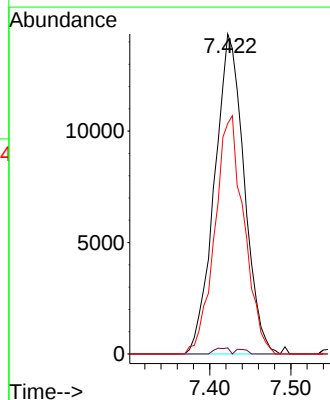
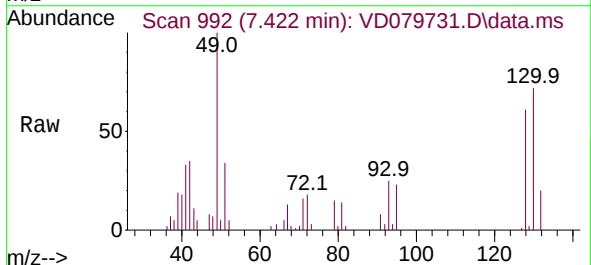
Instrument :
MSVOA_D
ClientSampleId :

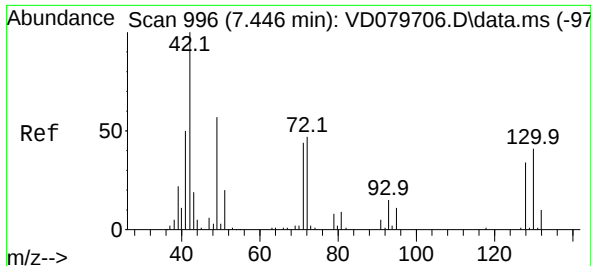
Tgt Ion: 96 Resp: 56574
Ion Ratio Lower Upper
96 100
61 132.7 0.0 229.0
98 63.8 0.0 127.2



#28
Bromochloromethane
Concen: 19.737 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 49 Resp: 36397
Ion Ratio Lower Upper
49 100
129 0.9 0.0 7.0
130 0.0 87.7 131.5#





#29

Tetrahydrofuran

Concen: 108.604 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

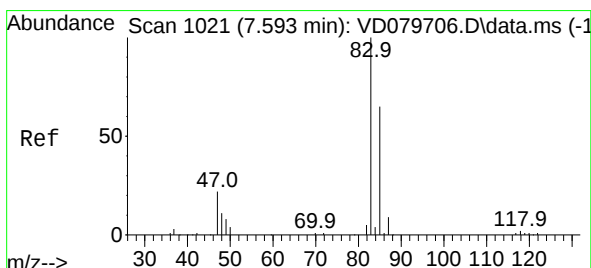
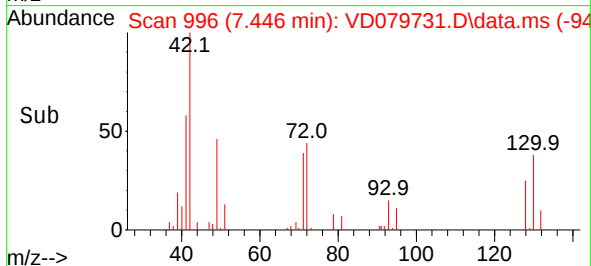
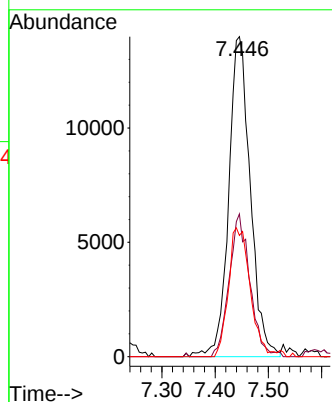
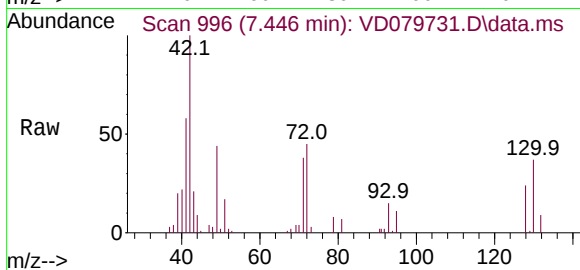
Tgt Ion: 42 Resp: 39444

Ion Ratio Lower Upper

42 100

72 42.8 49.4 74.0#

71 40.4 45.0 67.6#



#30

Chloroform

Concen: 20.861 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD079731.D

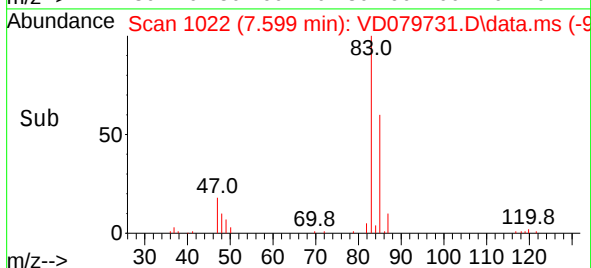
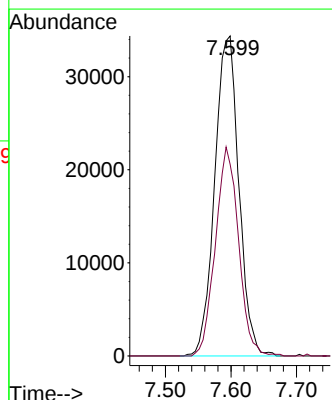
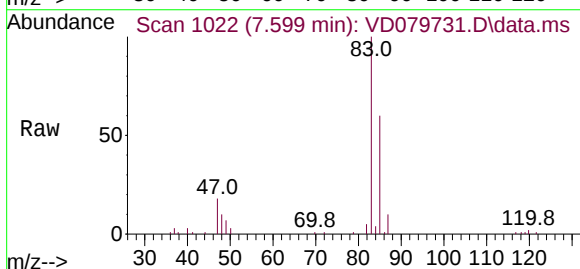
Acq: 14 Aug 2024 11:52

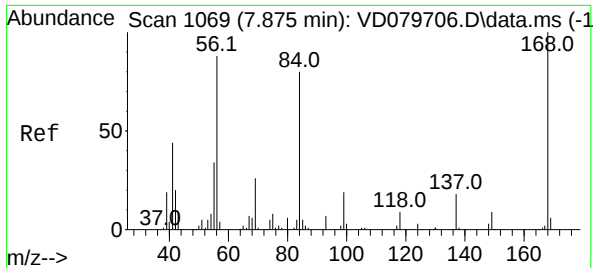
Tgt Ion: 83 Resp: 87817

Ion Ratio Lower Upper

83 100

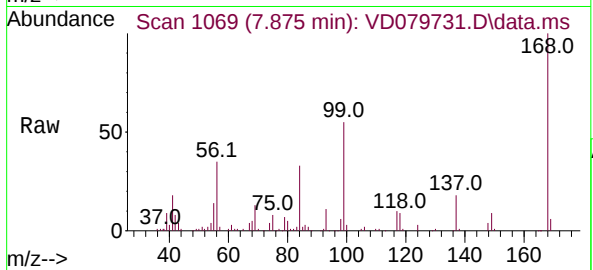
85 59.9 51.8 77.6



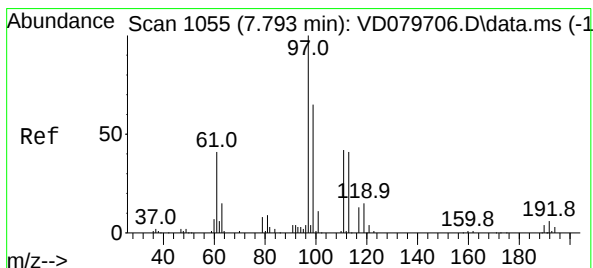
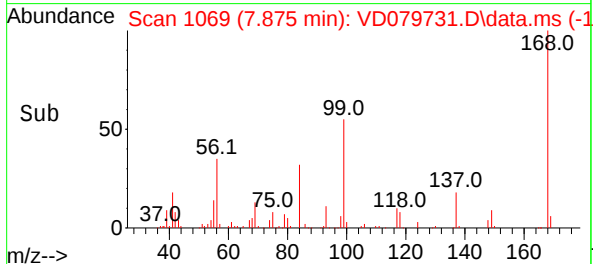
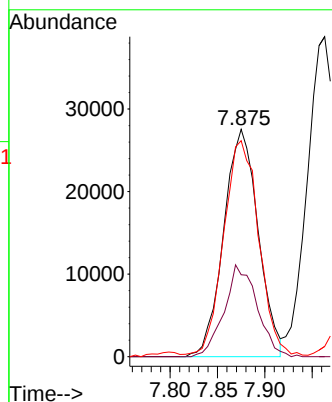


#31
Cyclohexane
Concen: 19.651 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :

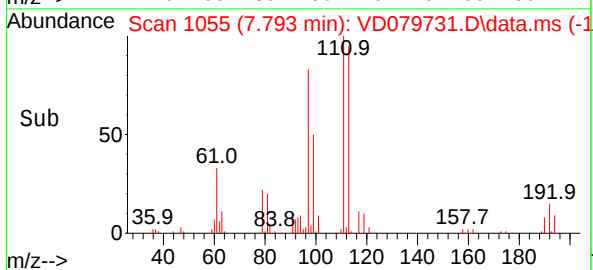
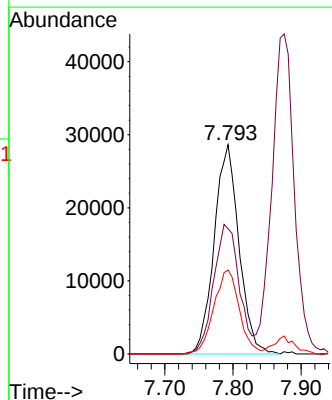
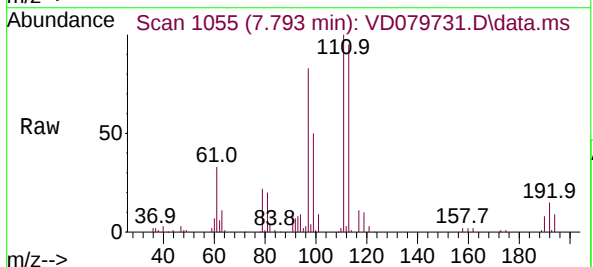


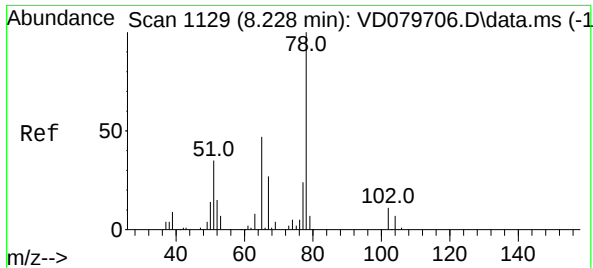
Tgt Ion: 56 Resp: 69752
Ion Ratio Lower Upper
56 100
69 36.1 28.0 42.0
84 94.0 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 20.799 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 97 Resp: 72434
Ion Ratio Lower Upper
97 100
99 63.4 51.3 76.9
61 41.2 31.4 47.2

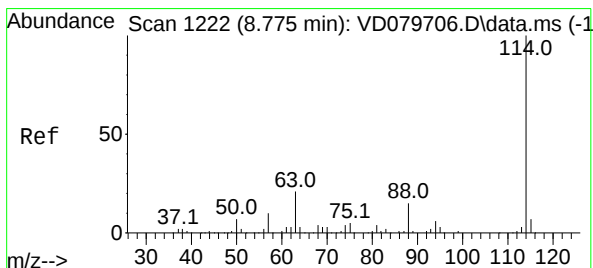
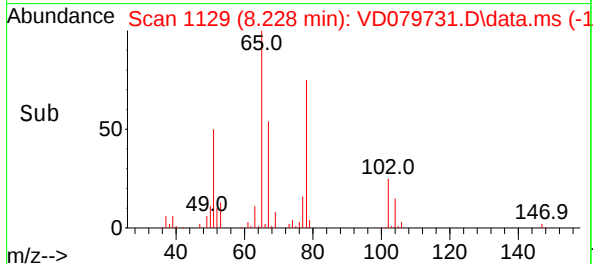
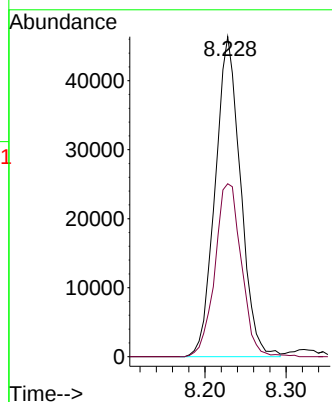
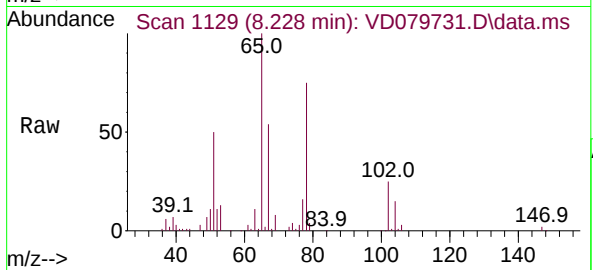




#33
1,2-Dichloroethane-d4
Concen: 51.828 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

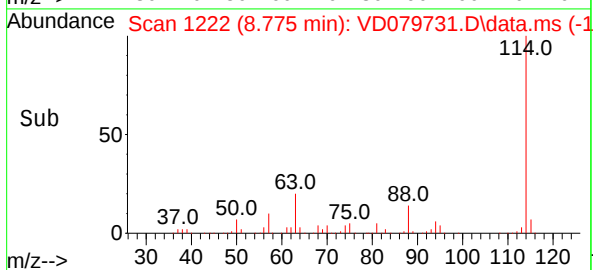
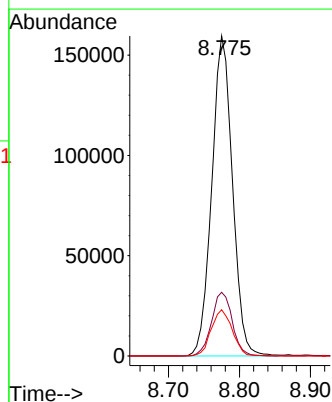
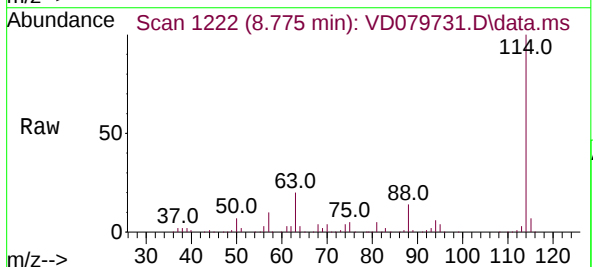
Instrument :
MSVOA_D
ClientSampleId :

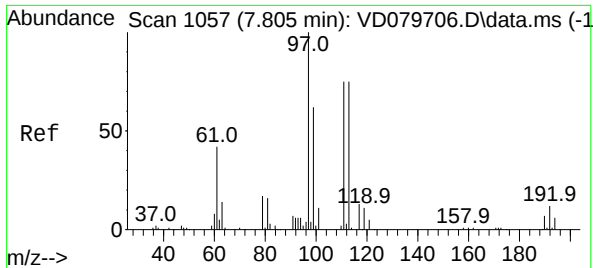
Tgt Ion: 65 Resp: 100645
Ion Ratio Lower Upper
65 100
67 56.4 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion:114 Resp: 322193
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.0
88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.437 ug/l

RT: 7.804 min Scan# 1

Delta R.T. -0.001 min

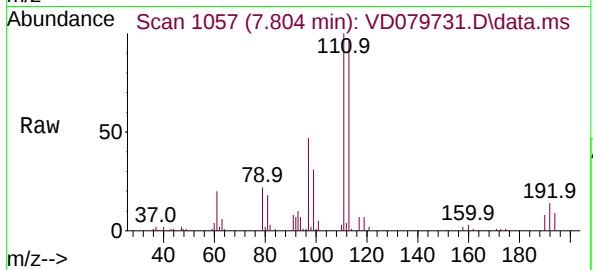
Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :



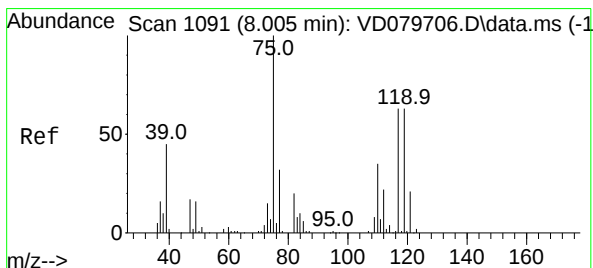
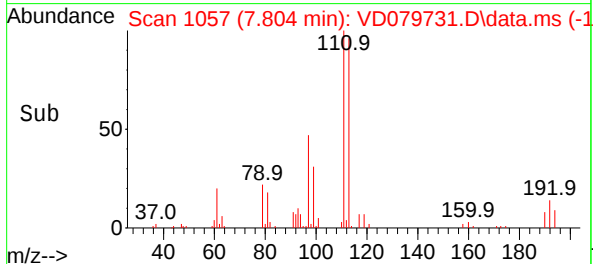
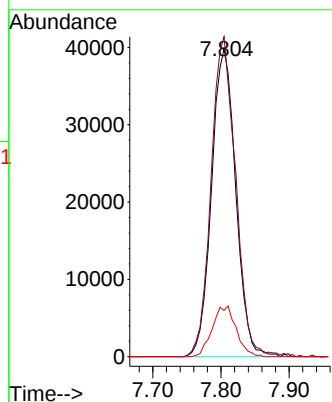
Tgt Ion:113 Resp: 98196

Ion Ratio Lower Upper

113 100

111 105.7 84.0 126.0

192 16.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.922 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

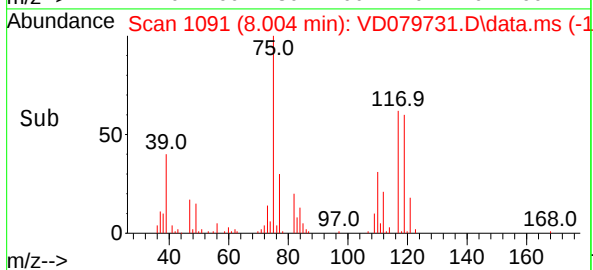
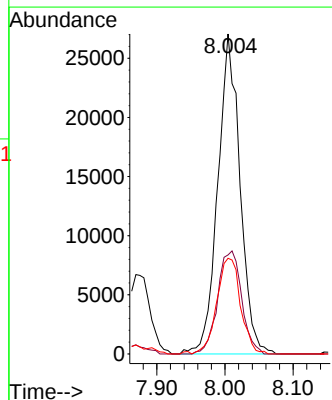
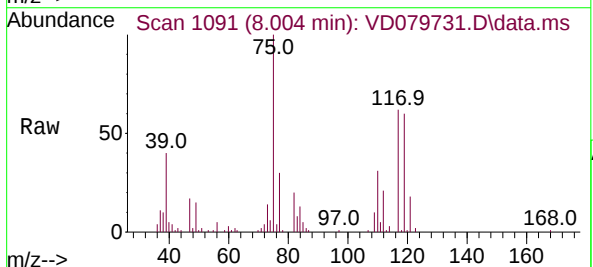
Tgt Ion: 75 Resp: 61337

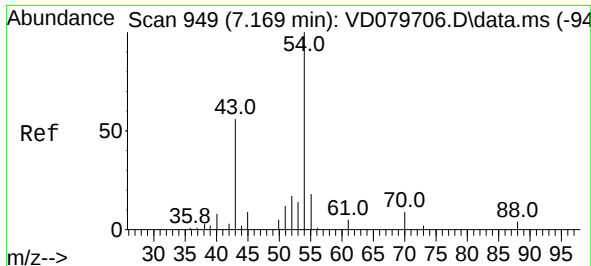
Ion Ratio Lower Upper

75 100

110 34.9 19.6 58.7

77 32.0 26.1 39.1





#37

Ethyl Acetate

Concen: 19.761 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

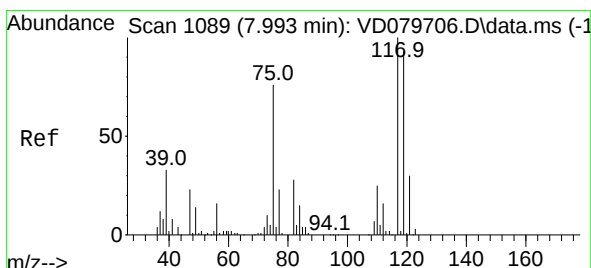
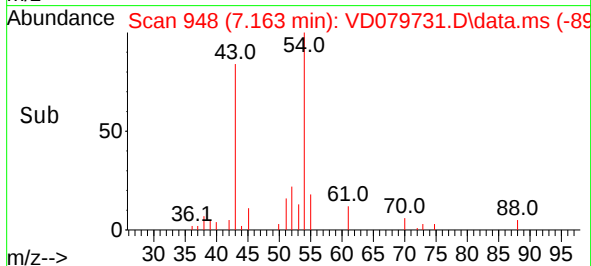
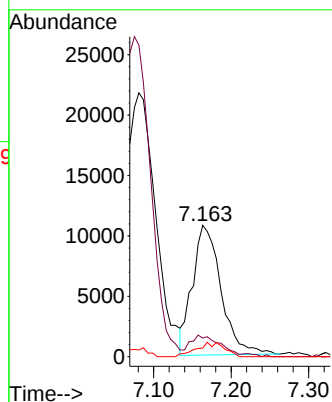
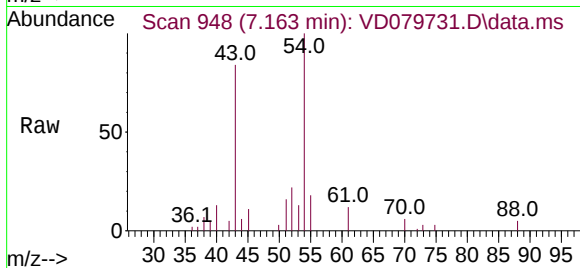
MSVOA_D

ClientSampleId :

Tgt Ion: 43 Resp: 27535

Ion Ratio Lower Upper

43	100		
61	18.0	13.9	20.9
70	10.7	9.8	14.6



#38

Carbon Tetrachloride

Concen: 20.147 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

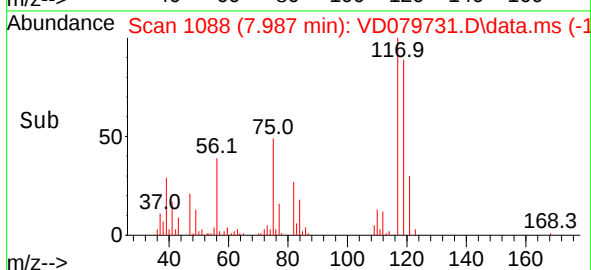
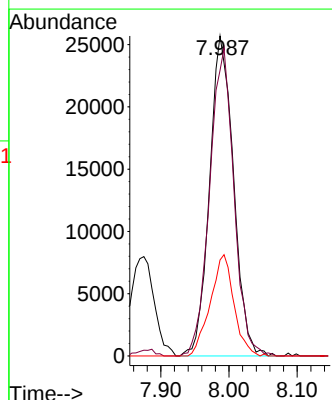
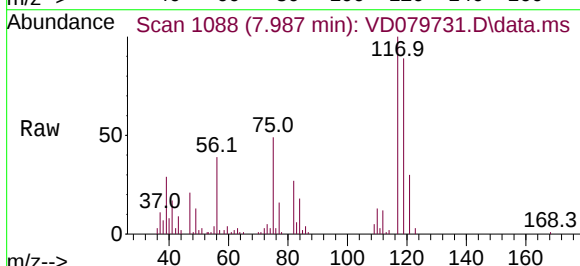
Lab File: VD079731.D

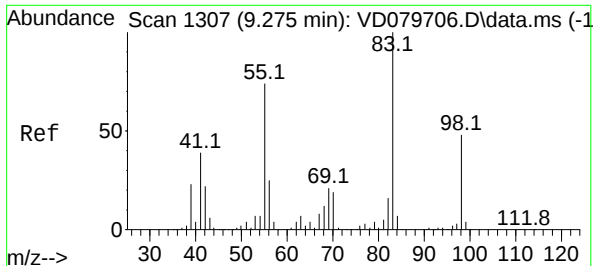
Acq: 14 Aug 2024 11:52

Tgt Ion: 117 Resp: 62962

Ion Ratio Lower Upper

117	100		
119	89.2	75.4	113.0
121	30.0	25.0	37.4





#39

Methylcyclohexane

Concen: 19.912 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

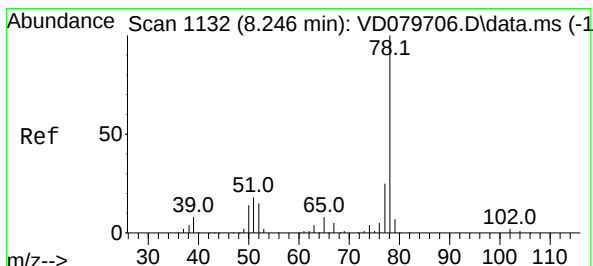
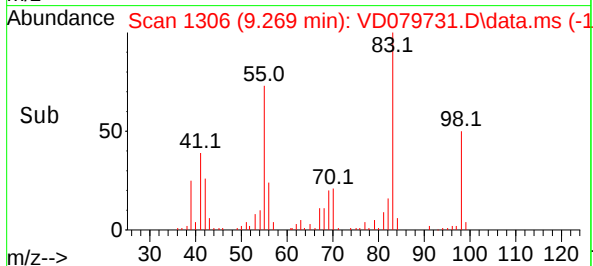
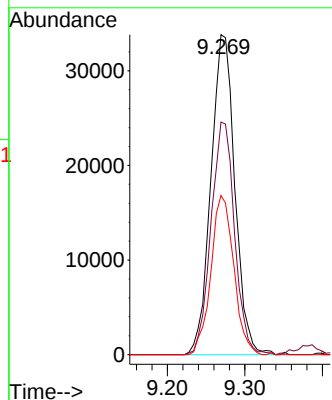
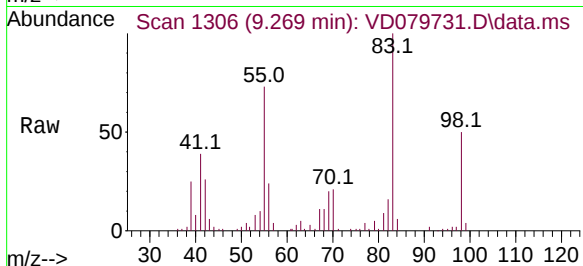
Tgt Ion: 83 Resp: 72460

Ion Ratio Lower Upper

83 100

55 72.7 50.1 75.1

98 49.8 41.9 62.9



#40

Benzene

Concen: 20.326 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD079731.D

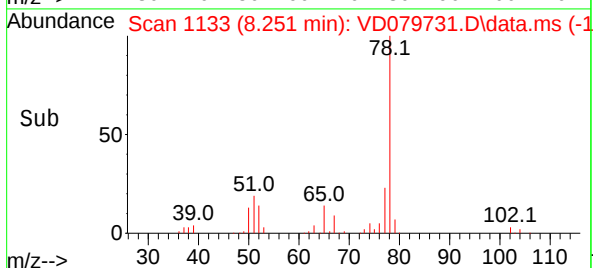
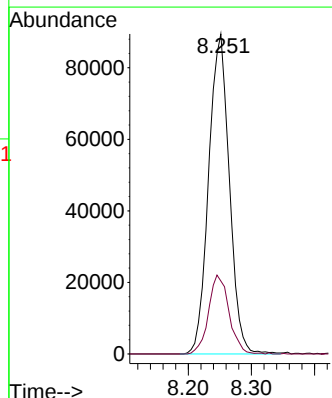
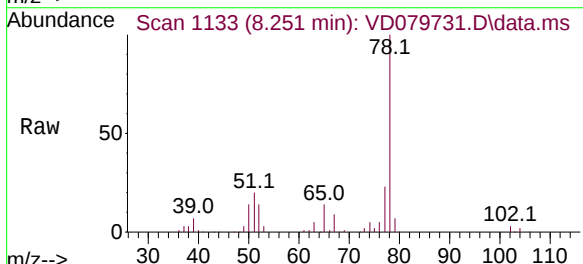
Acq: 14 Aug 2024 11:52

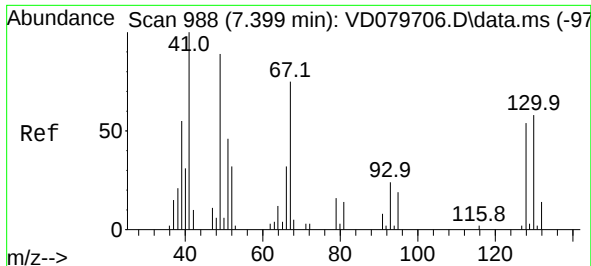
Tgt Ion: 78 Resp: 203534

Ion Ratio Lower Upper

78 100

77 22.8 18.1 27.1

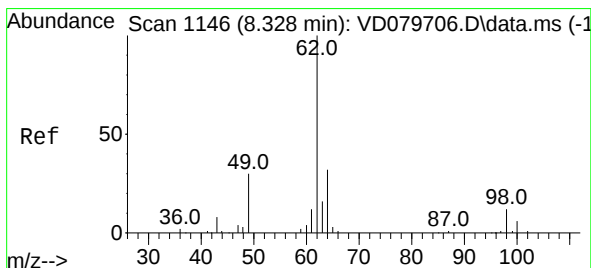
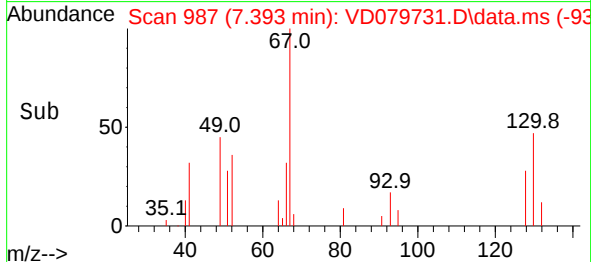
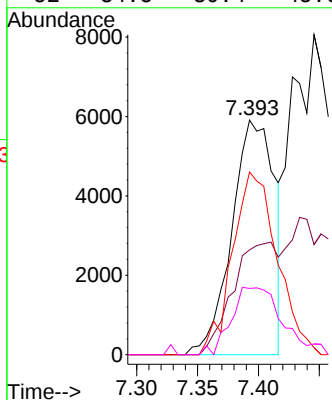
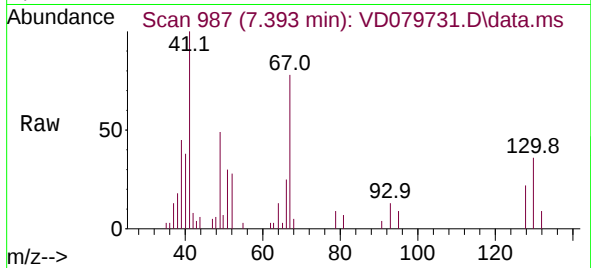




#41
Methacrylonitrile
Concen: 19.620 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

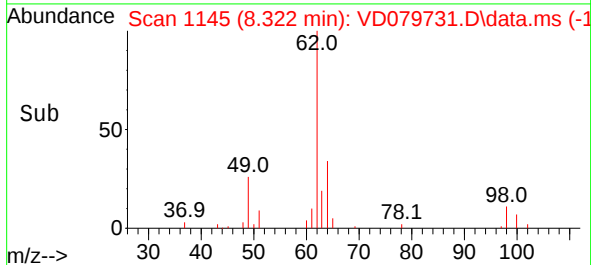
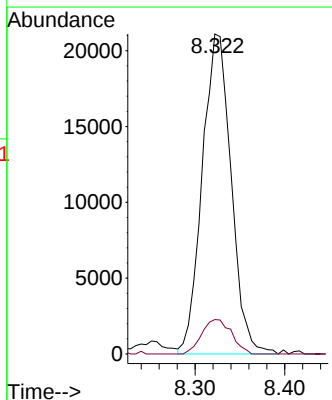
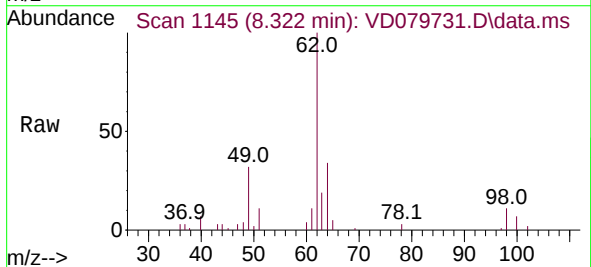
Instrument :
MSVOA_D
ClientSampleId :

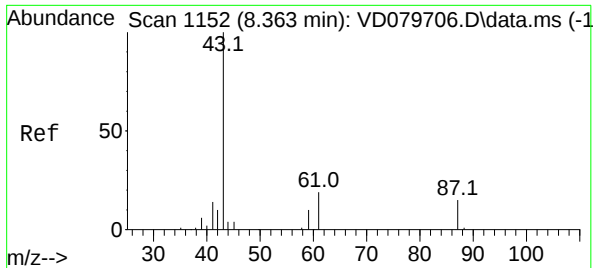
Tgt Ion: 41 Resp: 14398
Ion Ratio Lower Upper
41 100
39 0.0 41.4 62.0#
67 81.7 85.8 128.6#
52 34.5 30.4 45.6



#42
1,2-Dichloroethane
Concen: 20.408 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 62 Resp: 47237
Ion Ratio Lower Upper
62 100
98 11.1 0.0 25.8

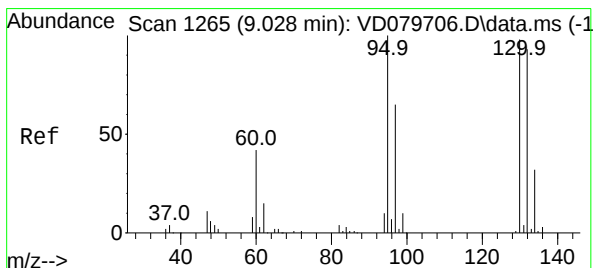
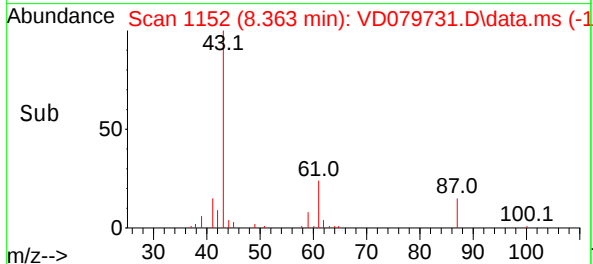
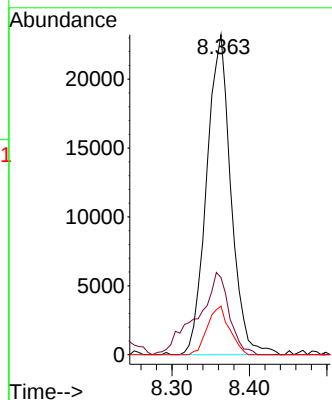
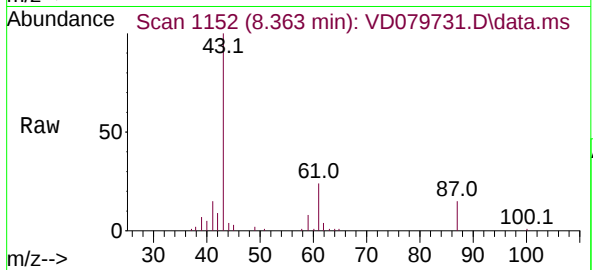




#43
Isopropyl Acetate
Concen: 20.810 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

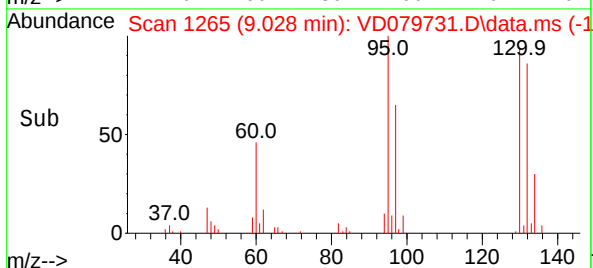
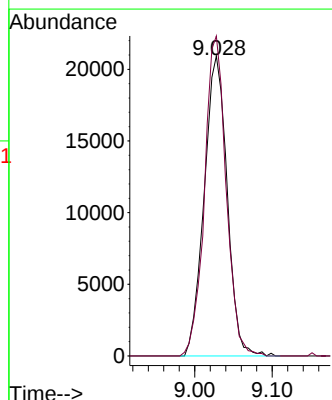
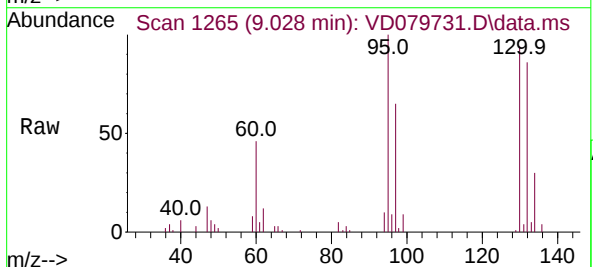
Instrument :
MSVOA_D
ClientSampleId :

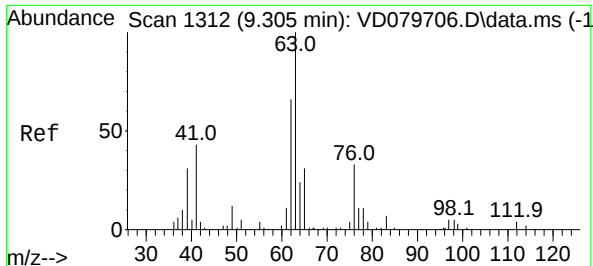
Tgt Ion: 43 Resp: 50569
Ion Ratio Lower Upper
43 100
61 33.7 29.3 43.9
87 13.7 14.9 22.3#



#44
Trichloroethene
Concen: 19.569 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion:130 Resp: 43038
Ion Ratio Lower Upper
130 100
95 106.7 0.0 177.8

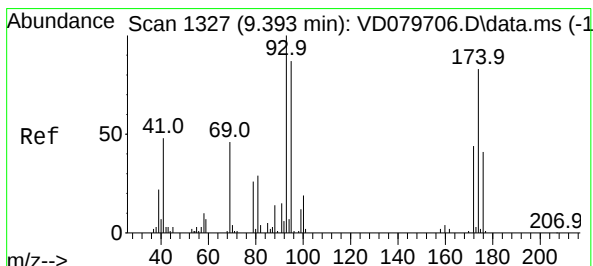
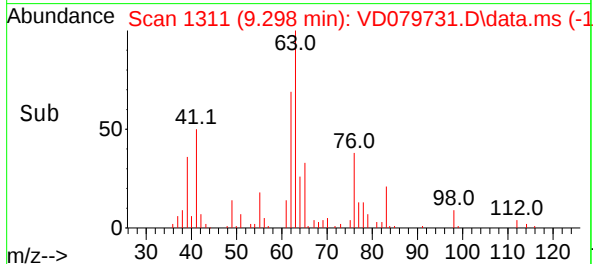
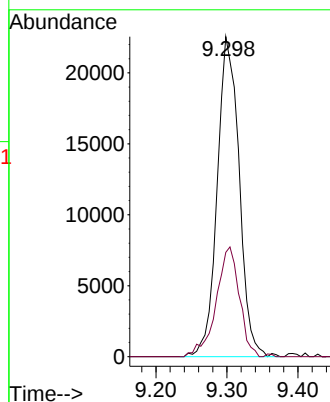
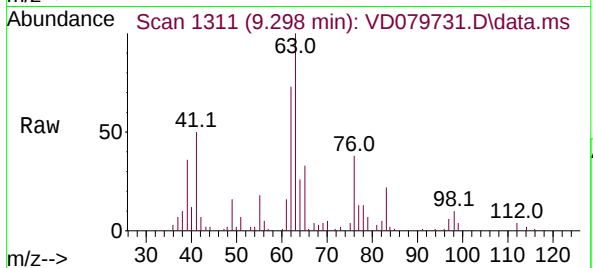




#45
1,2-Dichloropropane
Concen: 19.619 ug/l
RT: 9.298 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

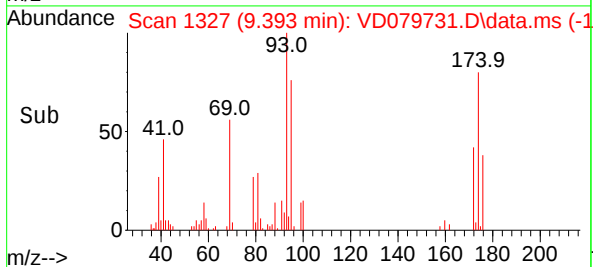
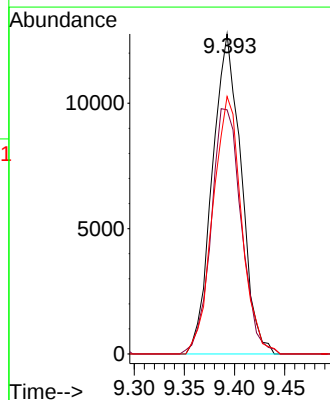
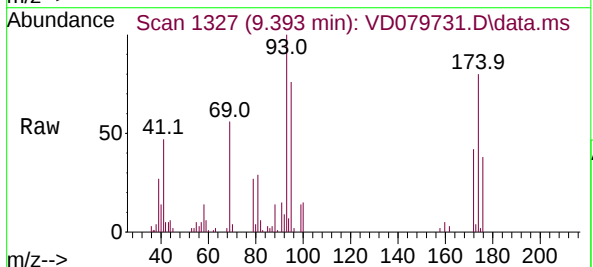
Instrument :
MSVOA_D
ClientSampleId :

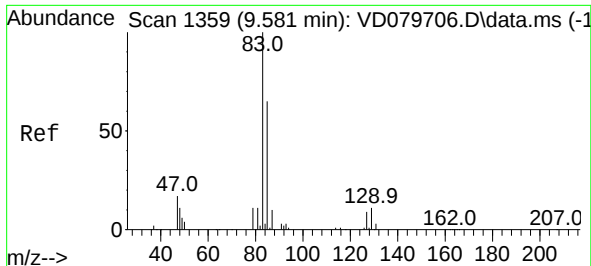
Tgt Ion: 63 Resp: 48356
Ion Ratio Lower Upper
63 100
65 32.6 23.8 35.8



#46
Dibromomethane
Concen: 20.385 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 93 Resp: 25437
Ion Ratio Lower Upper
93 100
95 80.2 65.6 98.4
174 80.4 82.3 123.5#





#47

Bromodichloromethane

Concen: 20.097 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD079731.D

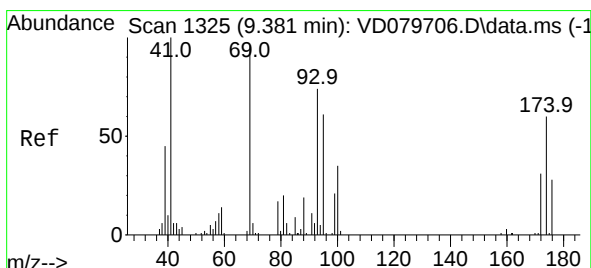
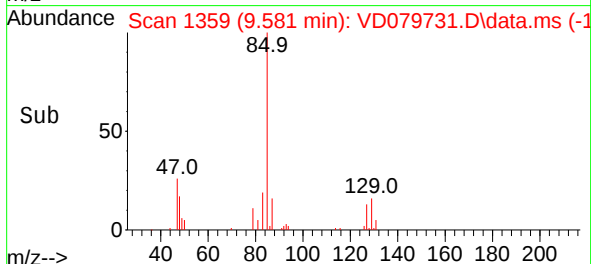
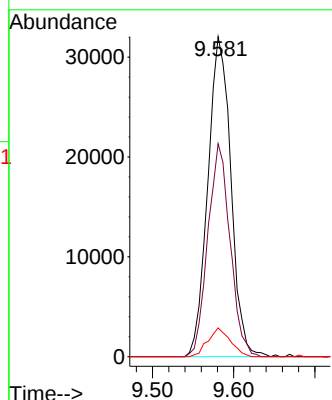
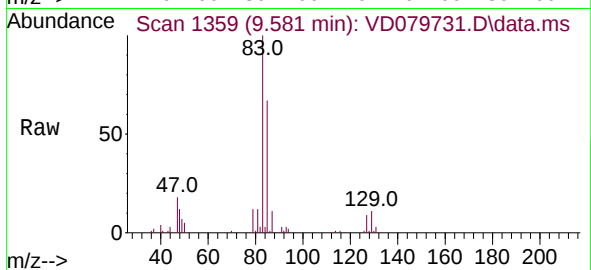
Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 63216
Ion Ratio	Lower Upper
83	100
85	66.6 50.1 75.1
127	9.0 6.8 10.2



#48

Methyl methacrylate

Concen: 20.270 ug/l

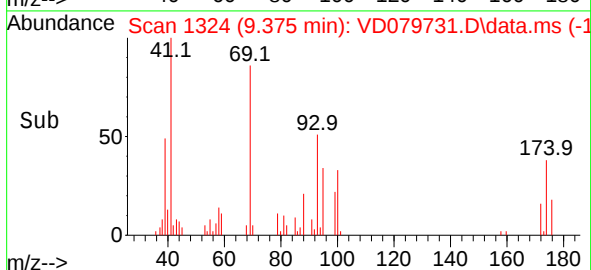
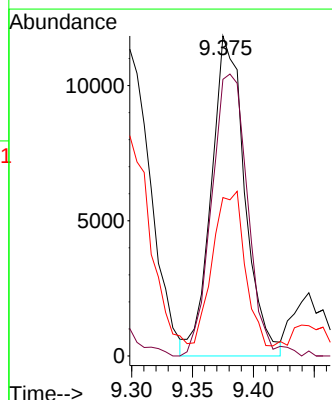
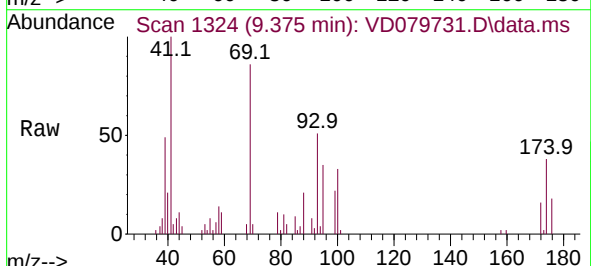
RT: 9.375 min Scan# 1324

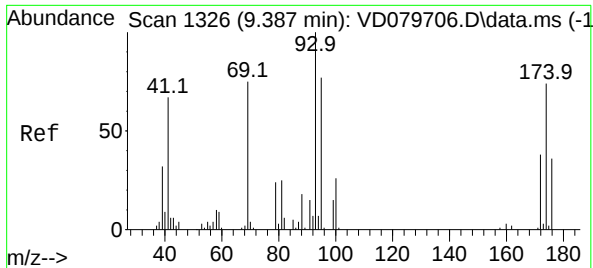
Delta R.T. -0.006 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Tgt Ion: 41	Resp: 22656
Ion Ratio	Lower Upper
41	100
69	95.0 96.7 145.1#
39	47.3 43.8 65.6

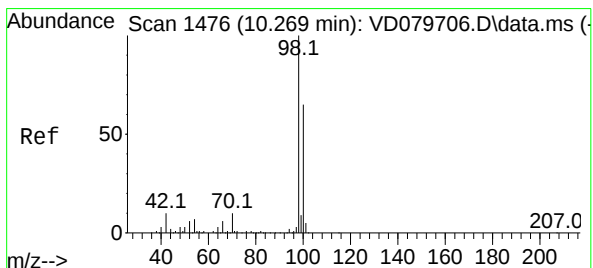
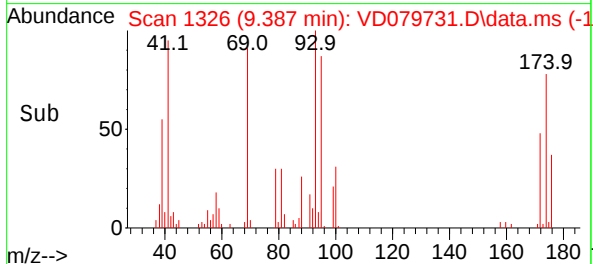
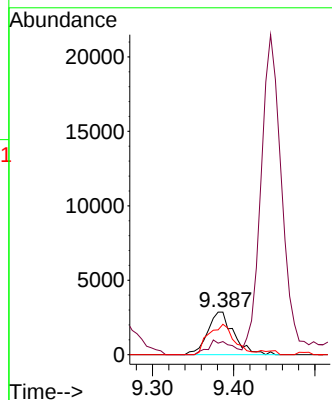
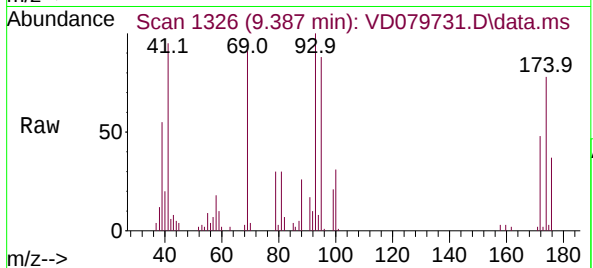




#49
1,4-Dioxane
Concen: 509.681 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

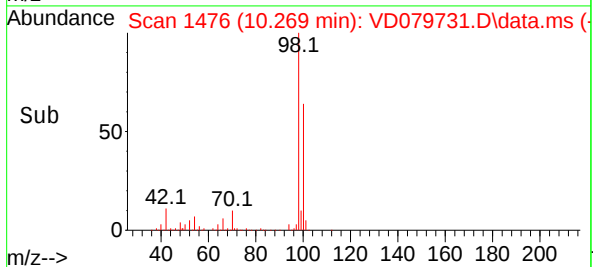
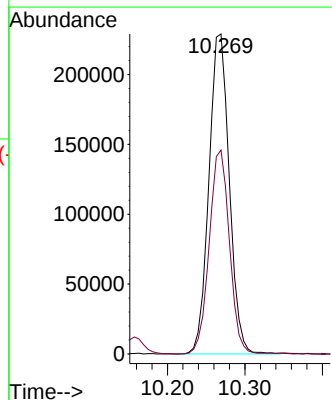
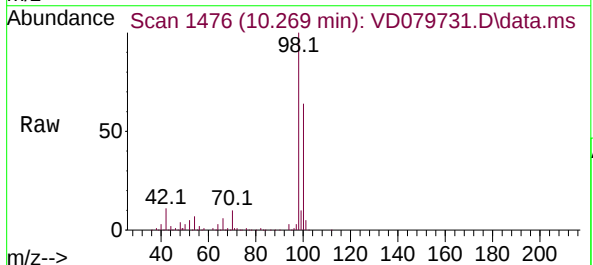
Instrument :
MSVOA_D
ClientSampleId :

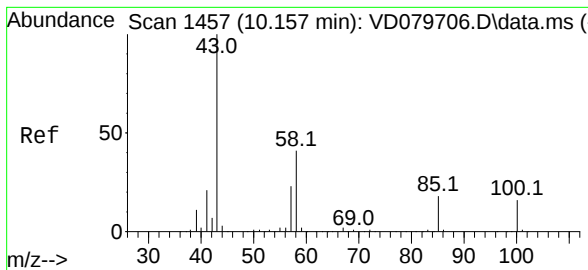
Tgt Ion: 88 Resp: 6401
Ion Ratio Lower Upper
88 100
43 30.8 21.5 32.3
58 70.6 42.2 63.4#



#50
Toluene-d8
Concen: 50.412 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 98 Resp: 418500
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

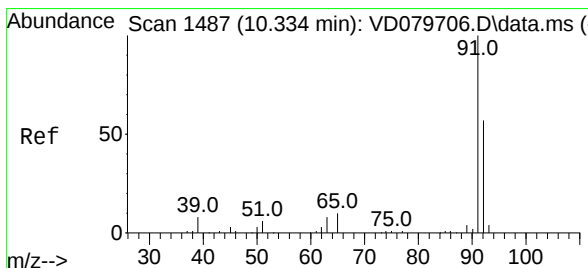
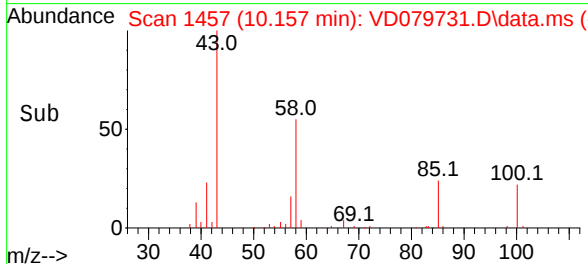
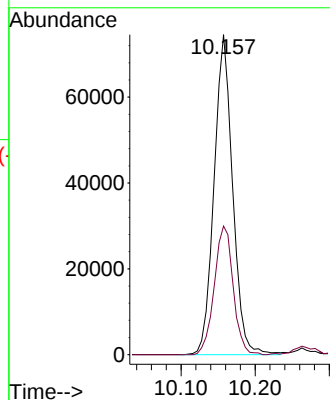
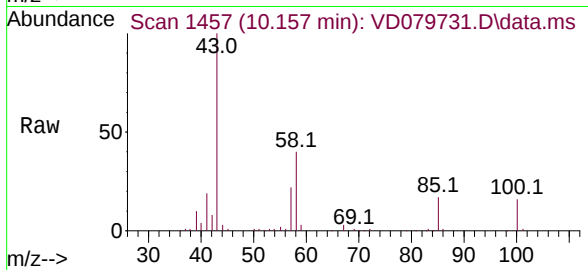




#51
4-Methyl-2-Pentanone
Concen: 103.714 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

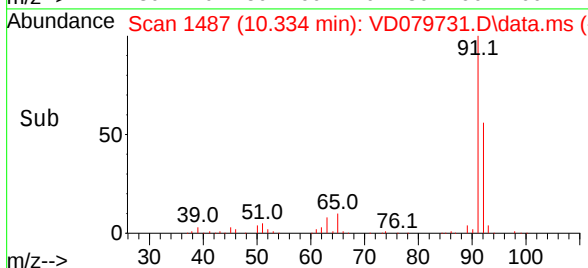
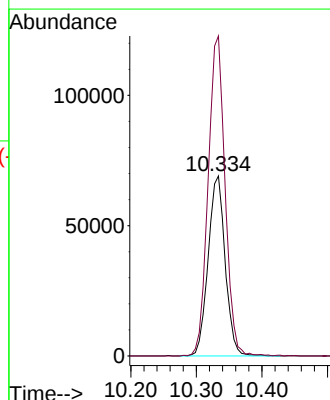
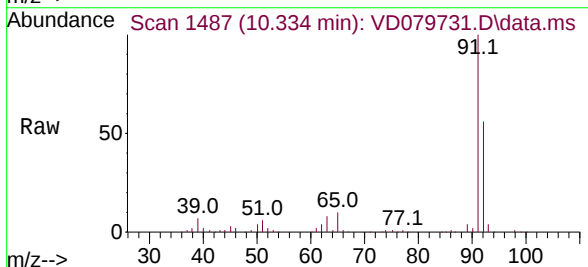
Instrument :
MSVOA_D
ClientSampleId :

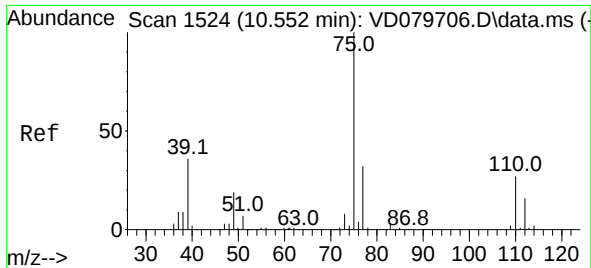
Tgt Ion: 43 Resp: 129662
Ion Ratio Lower Upper
43 100
58 40.9 36.6 55.0



#52
Toluene
Concen: 20.801 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 92 Resp: 124903
Ion Ratio Lower Upper
92 100
91 176.6 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 20.249 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

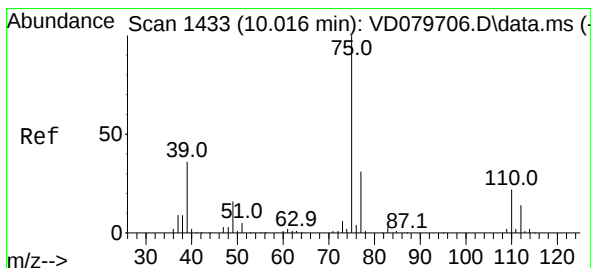
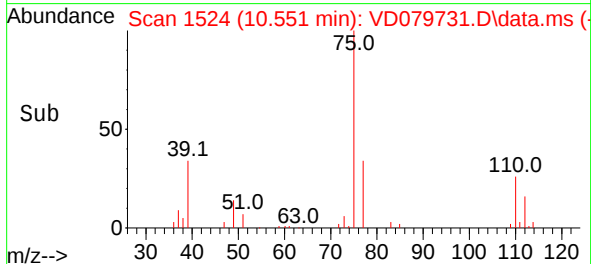
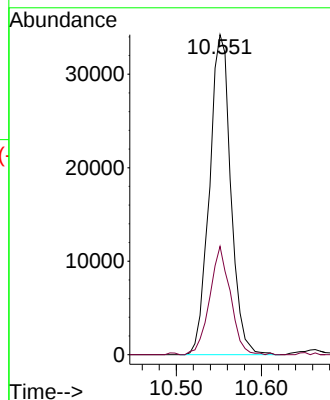
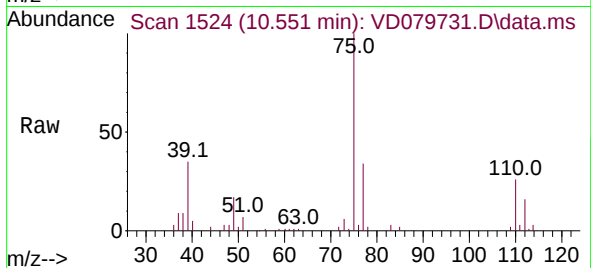
ClientSampleId :

Tgt Ion: 75 Resp: 59539

Ion Ratio Lower Upper

75 100

77 33.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.415 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

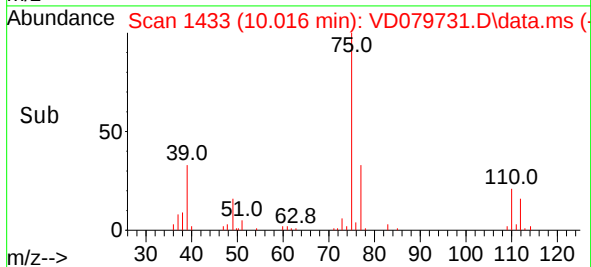
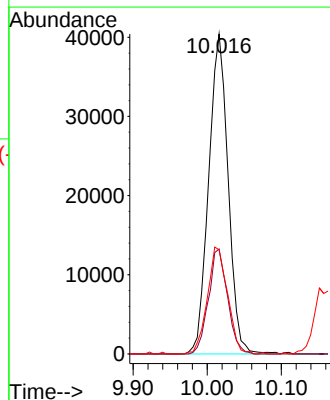
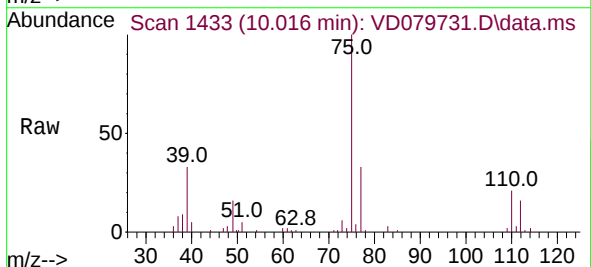
Tgt Ion: 75 Resp: 73674

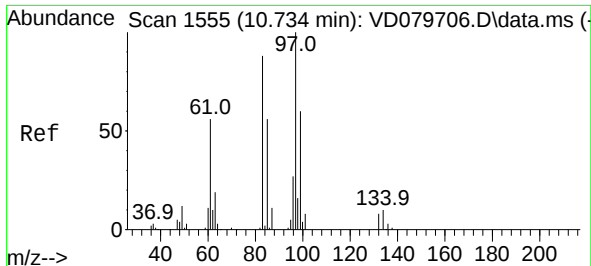
Ion Ratio Lower Upper

75 100

77 32.8 24.4 36.6

39 32.6 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 19.979 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

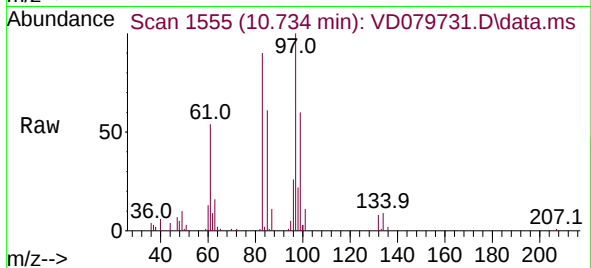
Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 33234

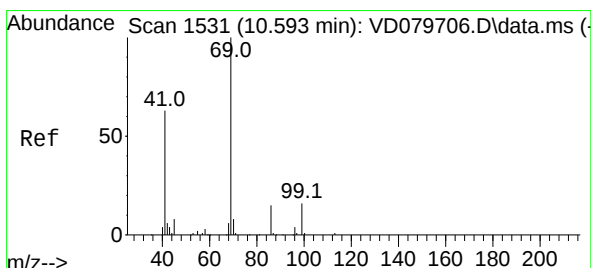
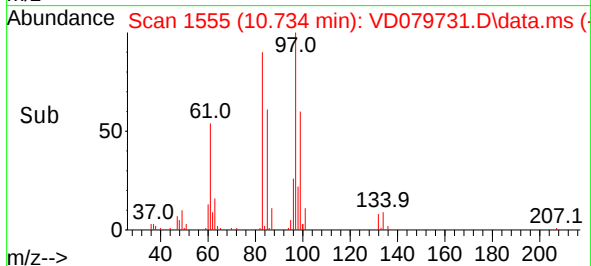
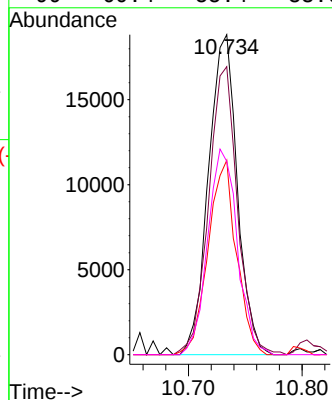
Ion Ratio Lower Upper

97 100

83 89.2 65.8 98.8

85 60.7 43.8 65.8

99 60.4 55.4 83.0



#56

Ethyl methacrylate

Concen: 21.758 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.005 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

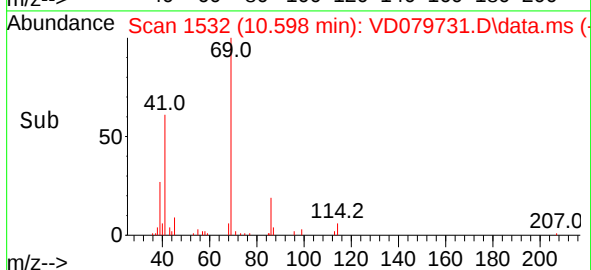
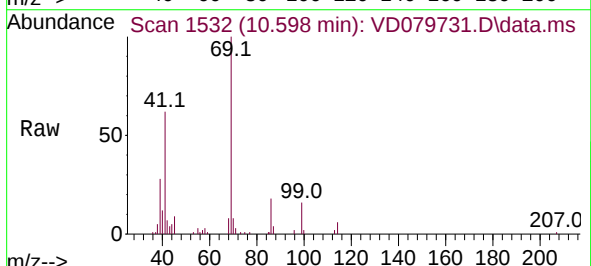
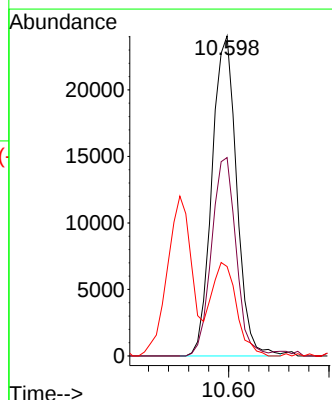
Tgt Ion: 69 Resp: 41133

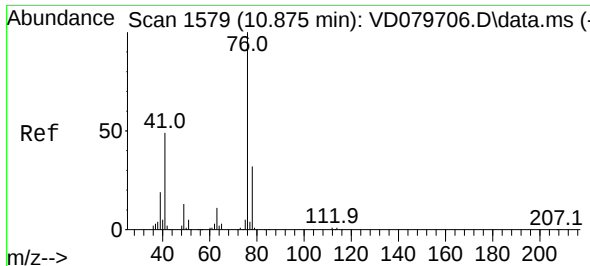
Ion Ratio Lower Upper

69 100

41 61.7 39.8 59.6#

39 29.6 20.2 30.4





#57

1,3-Dichloropropane

Concen: 19.898 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

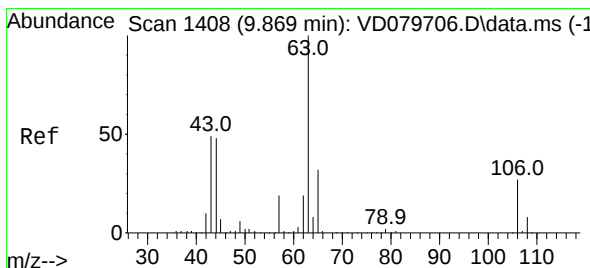
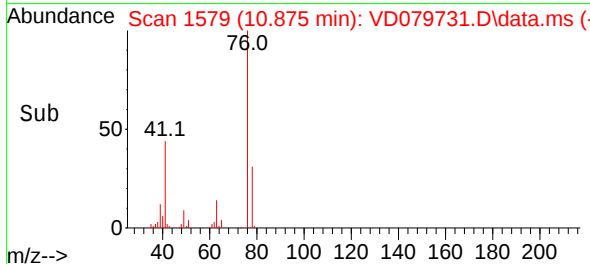
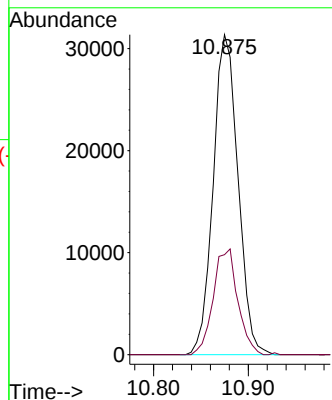
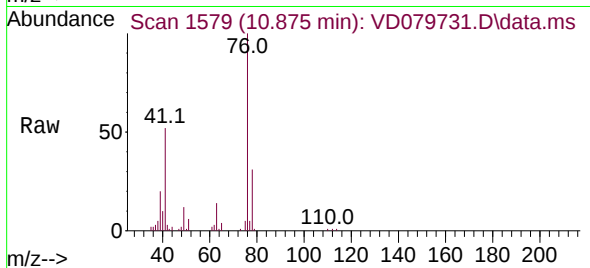
ClientSampleId :

Tgt Ion: 76 Resp: 57063

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 105.214 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079731.D

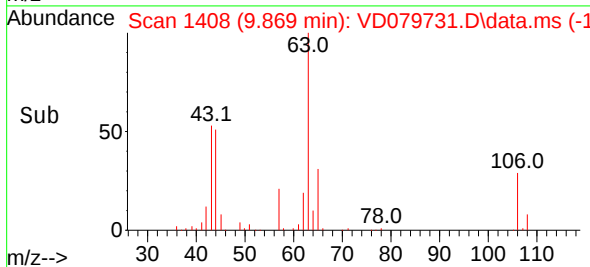
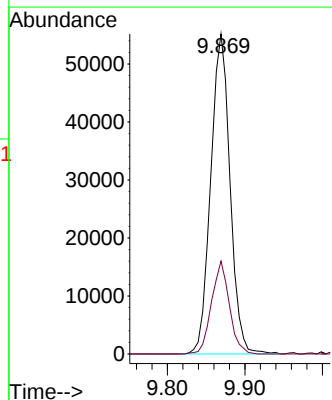
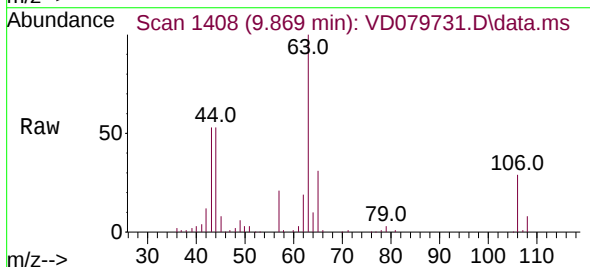
Acq: 14 Aug 2024 11:52

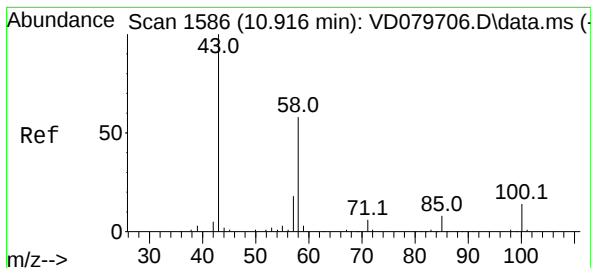
Tgt Ion: 63 Resp: 95442

Ion Ratio Lower Upper

63 100

106 26.8 26.4 39.6





#59

2-Hexanone

Concen: 111.211 ug/l

RT: 10.916 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

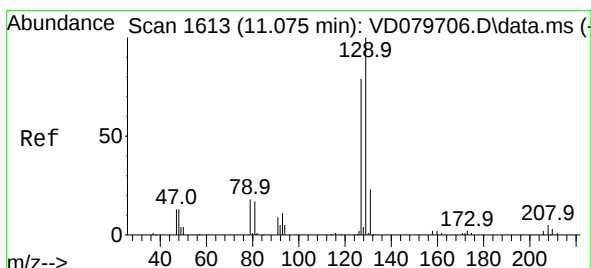
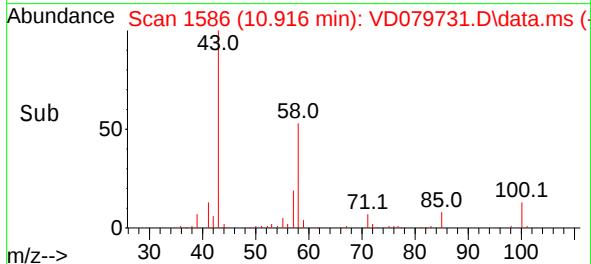
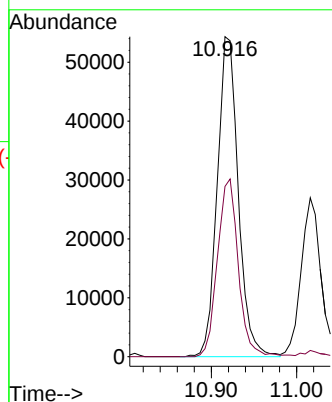
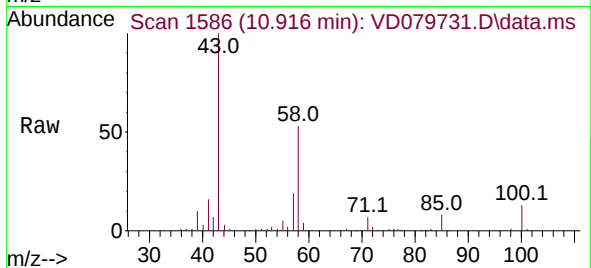
ClientSampleId :

Tgt Ion: 43 Resp: 93040

Ion Ratio Lower Upper

43 100

58 55.2 31.1 93.5



#60

Dibromochloromethane

Concen: 19.818 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD079731.D

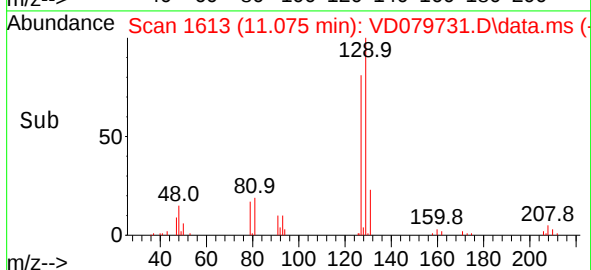
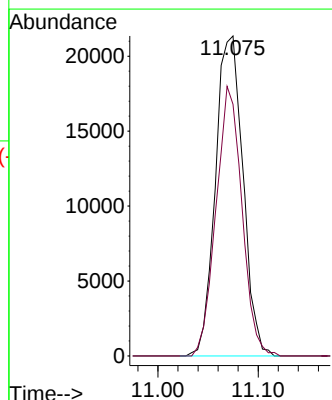
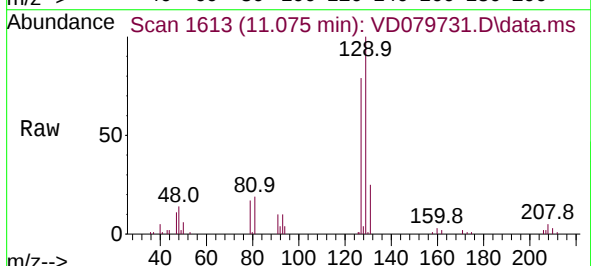
Acq: 14 Aug 2024 11:52

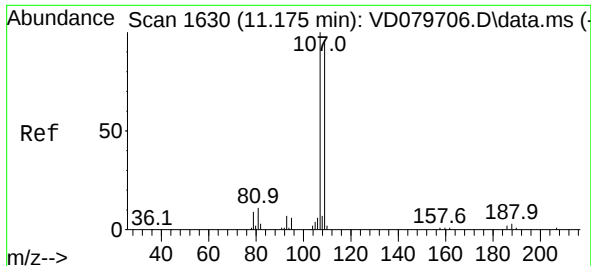
Tgt Ion: 129 Resp: 40616

Ion Ratio Lower Upper

129 100

127 79.3 38.0 113.9

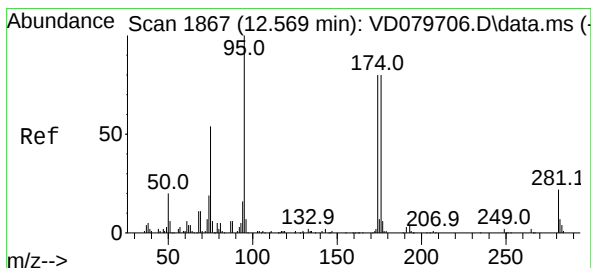
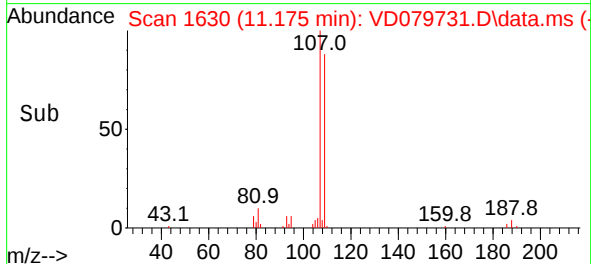
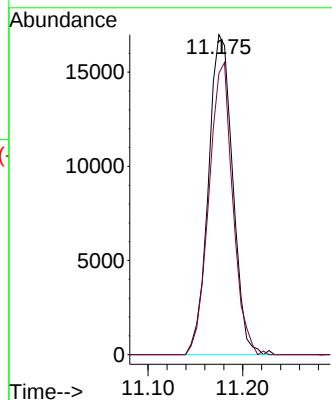
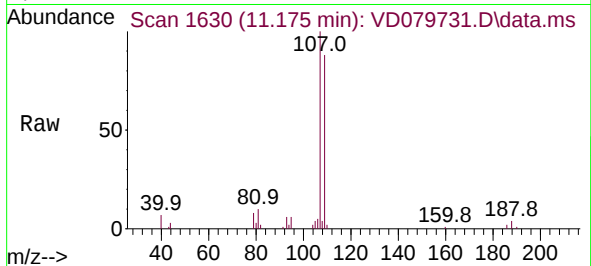




#61
1,2-Dibromoethane
Concen: 20.492 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

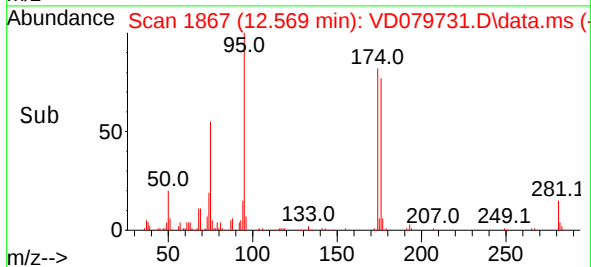
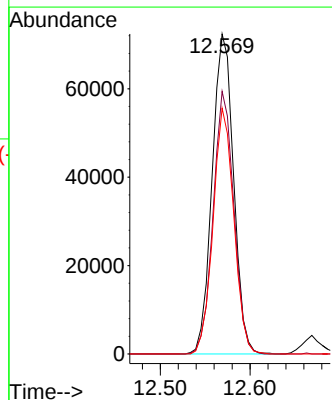
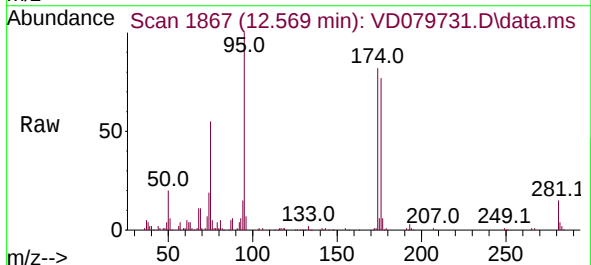
Instrument :
MSVOA_D
ClientSampleId :

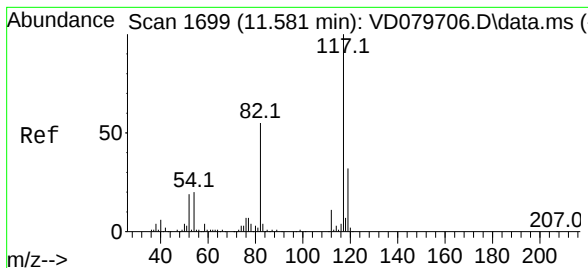
Tgt Ion:107 Resp: 30268
Ion Ratio Lower Upper
107 100
109 89.5 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 51.525 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

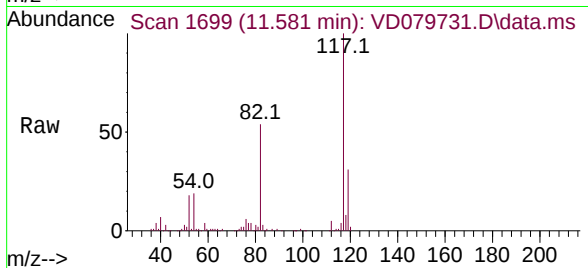
Tgt Ion: 95 Resp: 119767
Ion Ratio Lower Upper
95 100
174 79.5 0.0 195.4
176 74.7 0.0 192.6



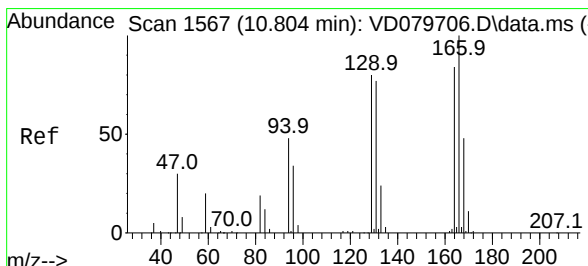
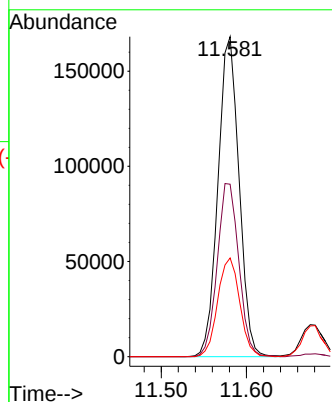
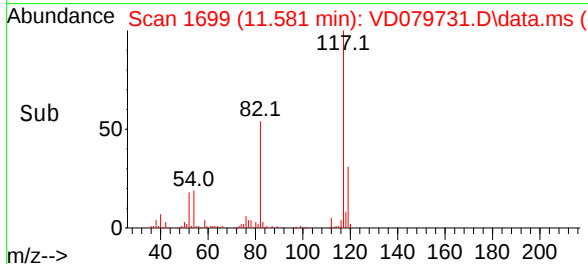


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

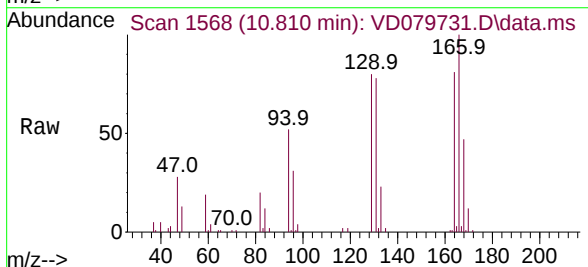
Instrument :
MSVOA_D
ClientSampleId :



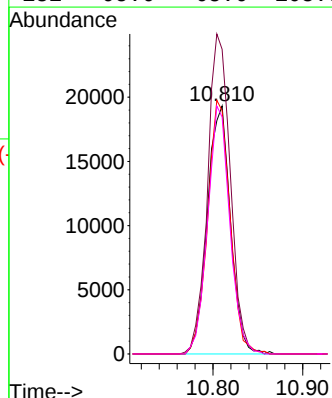
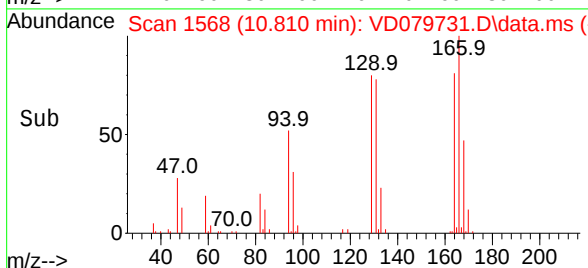
Tgt Ion:117 Resp: 289536
Ion Ratio Lower Upper
117 100
82 53.9 39.8 59.6
119 30.9 25.7 38.5

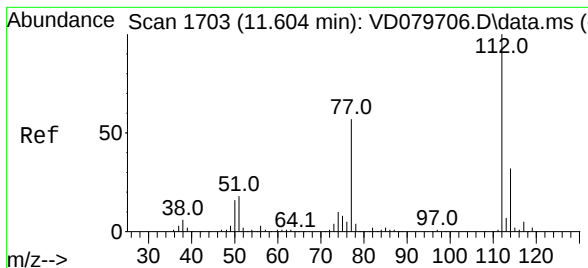


#64
Tetrachloroethene
Concen: 19.553 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52



Tgt Ion:164 Resp: 34592
Ion Ratio Lower Upper
164 100
166 122.9 108.6 163.0
129 98.1 74.6 112.0
131 95.6 68.6 103.0

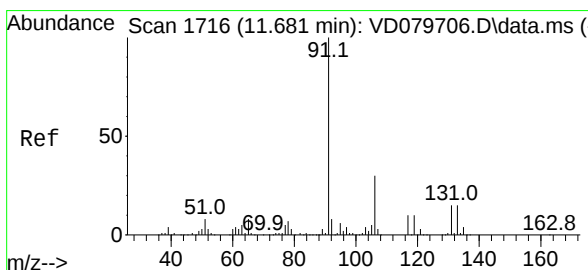
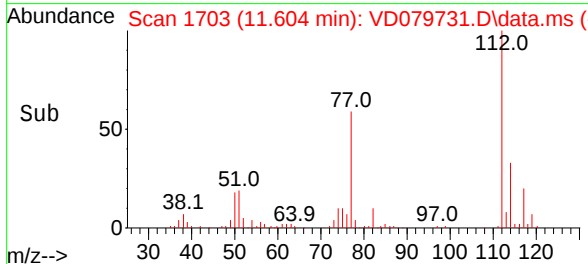
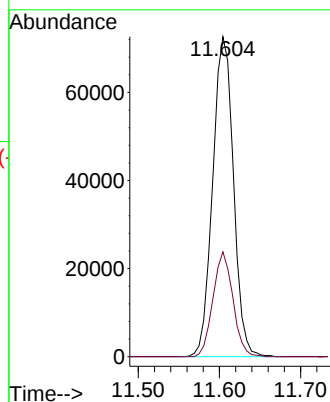
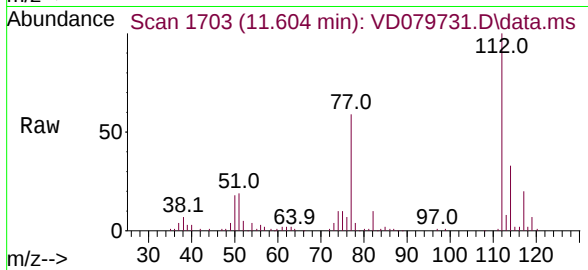




#65
Chlorobenzene
Concen: 20.316 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

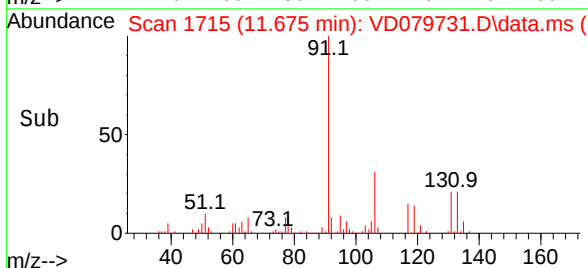
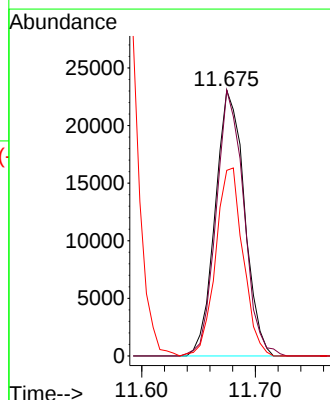
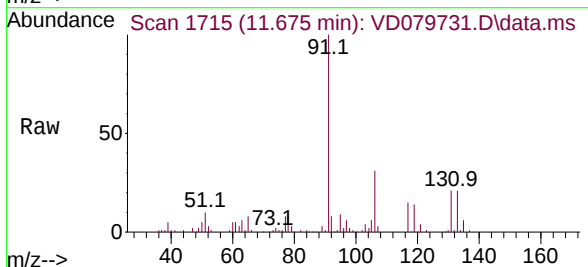
Instrument :
MSVOA_D
ClientSampleId :

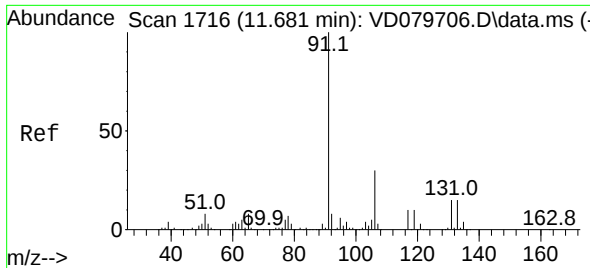
Tgt Ion:112 Resp: 129163
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.848 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion:131 Resp: 41141
Ion Ratio Lower Upper
131 100
133 95.0 49.2 147.6
119 66.6 33.4 100.2

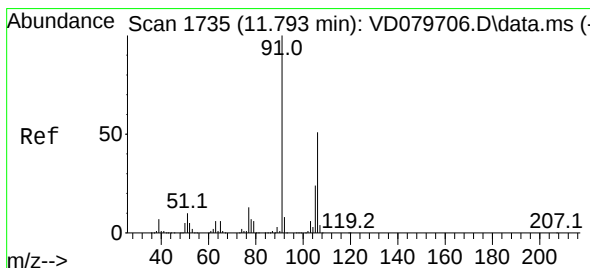
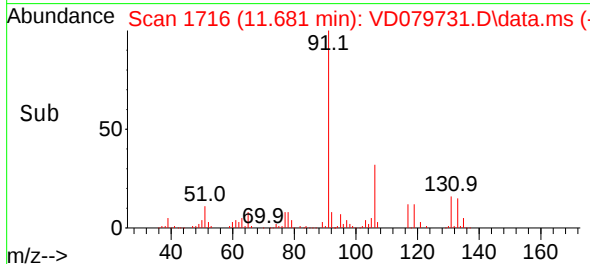
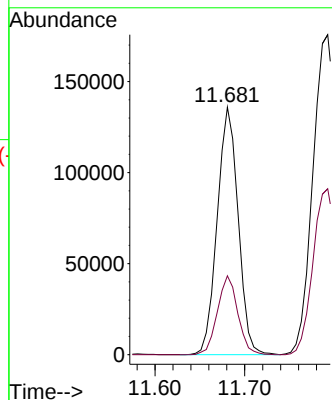
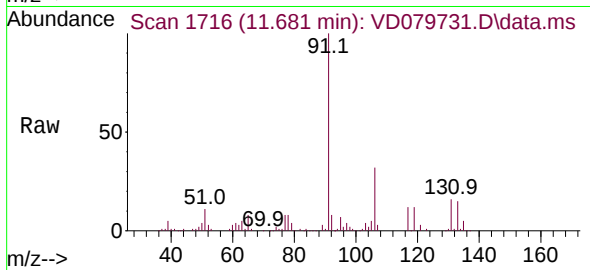




#67
Ethyl Benzene
Concen: 19.745 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

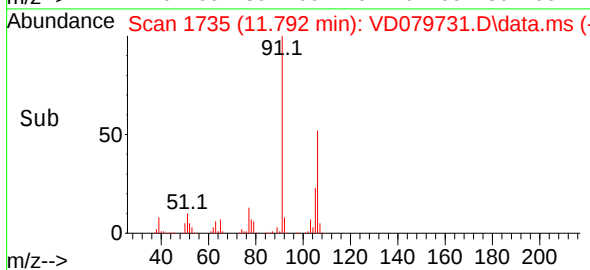
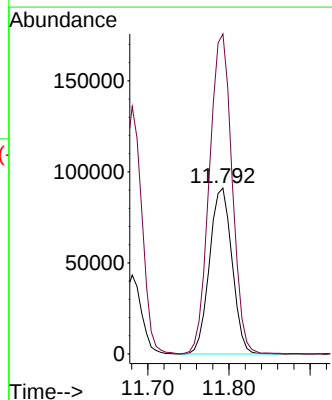
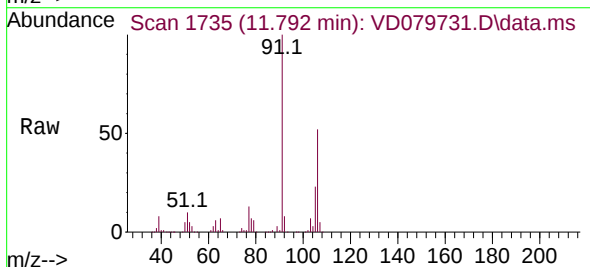
Instrument :
MSVOA_D
ClientSampleId :

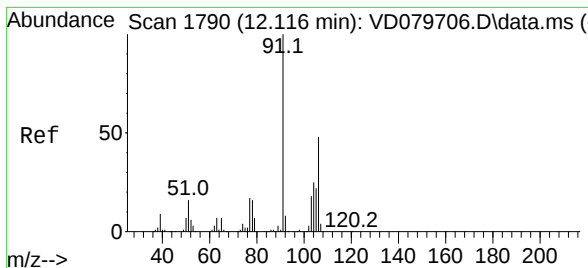
Tgt Ion: 91 Resp: 220265
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.6



#68
m/p-Xylenes
Concen: 40.488 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion:106 Resp: 175633
Ion Ratio Lower Upper
106 100
91 194.6 148.5 222.7

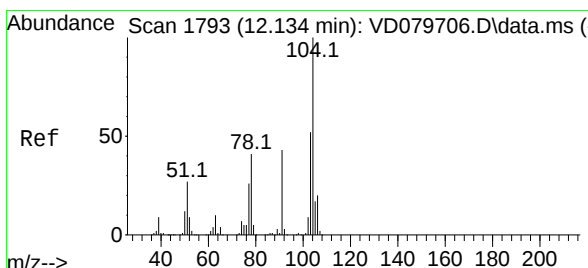
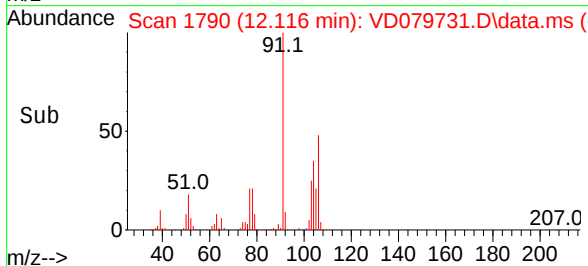
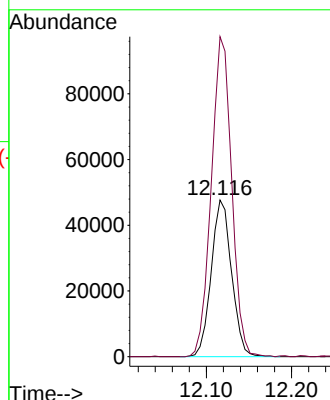
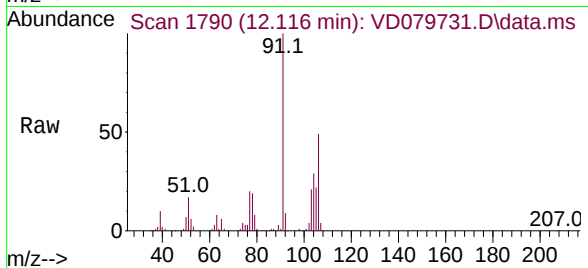




#69
o-Xylene
Concen: 19.999 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

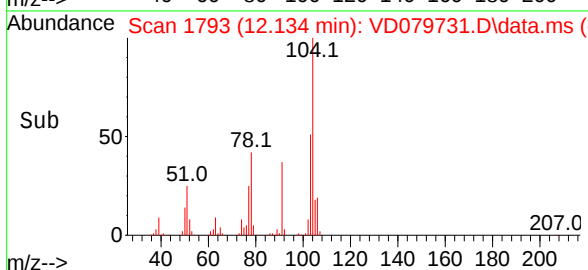
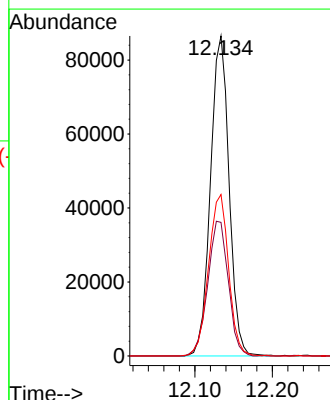
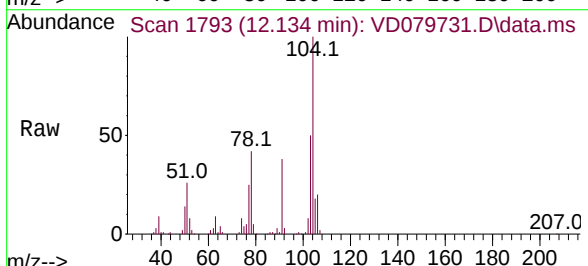
Instrument :
MSVOA_D
ClientSampleId :

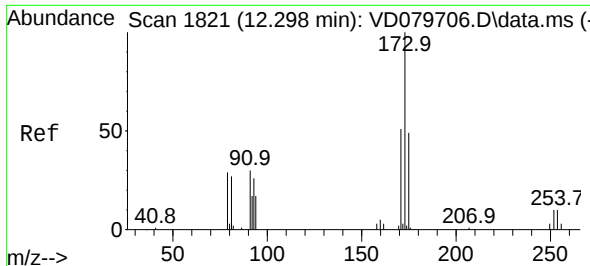
Tgt Ion:106 Resp: 79291
Ion Ratio Lower Upper
106 100
91 204.5 96.7 290.1



#70
Styrene
Concen: 20.723 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion:104 Resp: 144135
Ion Ratio Lower Upper
104 100
78 46.5 33.0 49.6
103 54.4 44.2 66.4

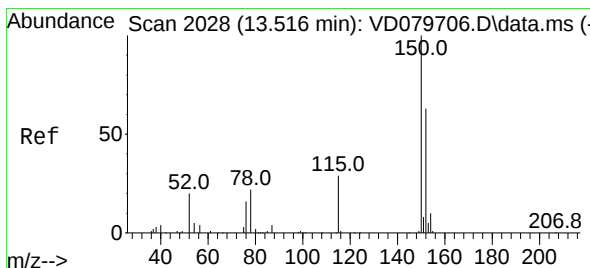
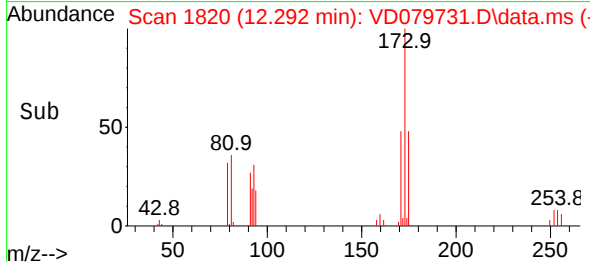
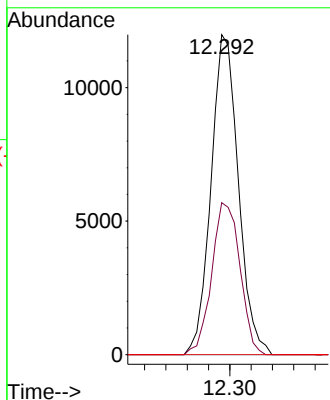
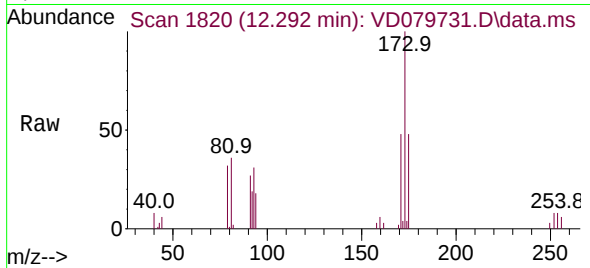




#71
Bromoform
Concen: 20.018 ug/l
RT: 12.292 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

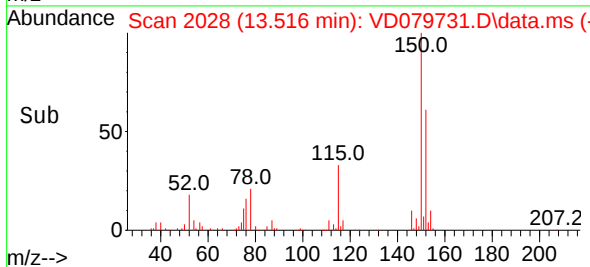
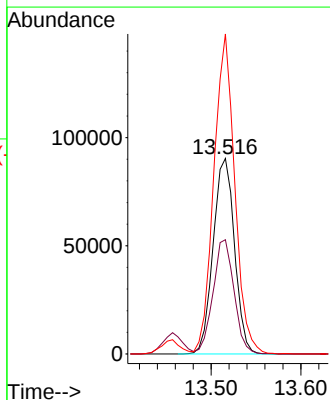
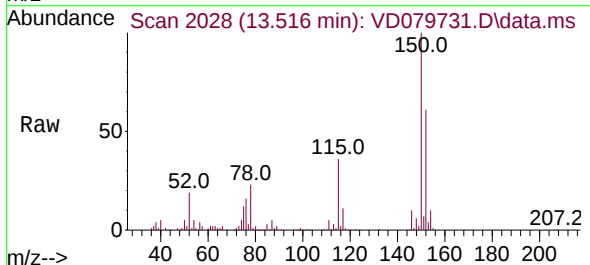
Instrument :
MSVOA_D
ClientSampleId :

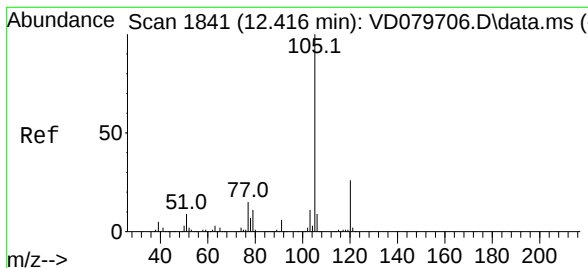
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.7	71.1
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	26.5	79.5
150	160.5	0.0	341.6





#73

Isopropylbenzene

Concen: 19.415 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

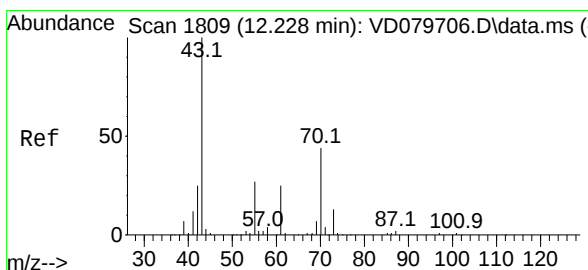
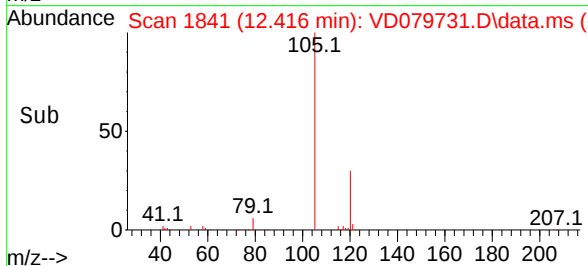
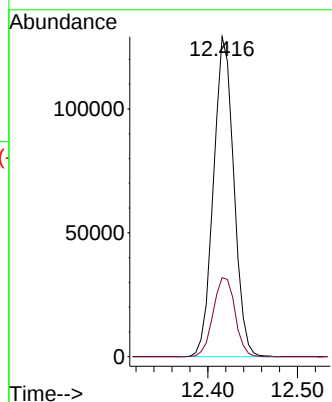
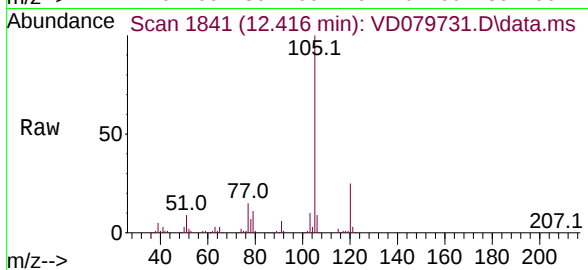
ClientSampleId :

Tgt Ion:105 Resp: 203527

Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.7



#74

N-ethyl acetate

Concen: 21.394 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Tgt Ion: 43 Resp: 49964

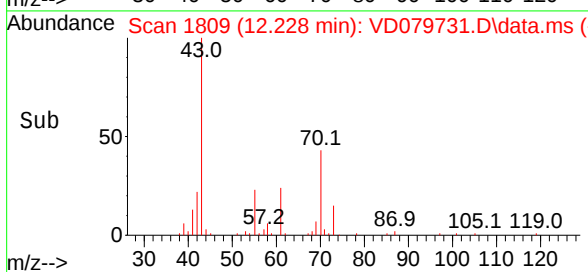
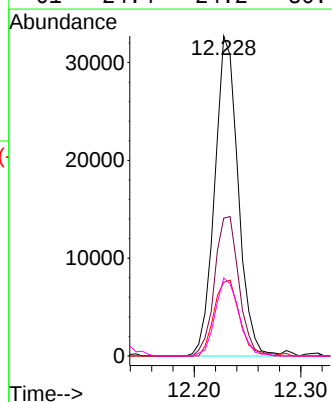
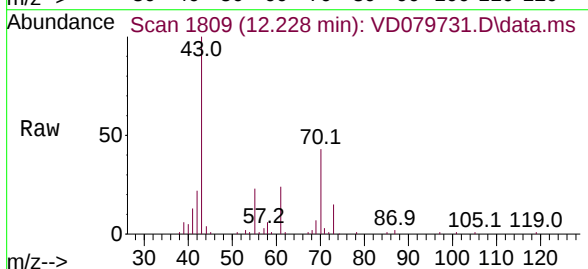
Ion Ratio Lower Upper

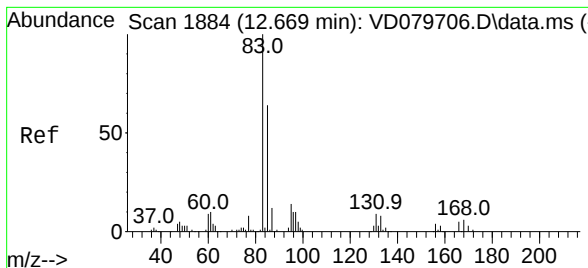
43 100

70 45.2 44.3 66.5

55 25.5 23.2 34.8

61 24.4 24.2 36.4

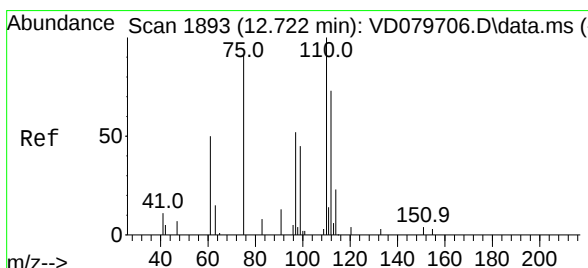
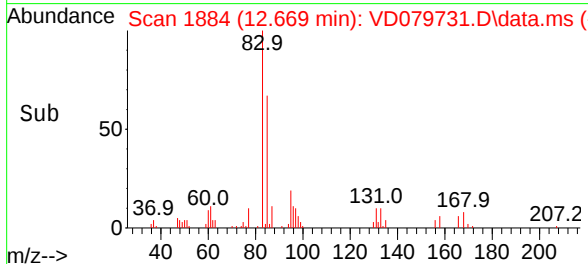
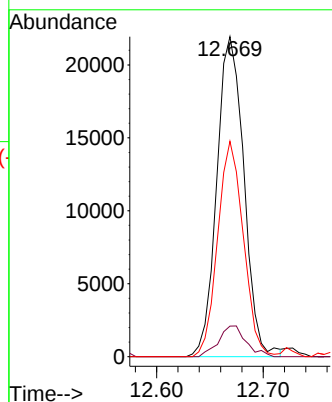
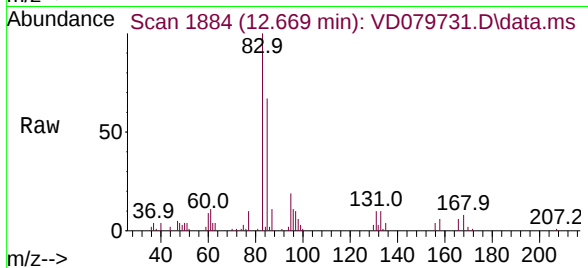




#75
1,1,2,2-Tetrachloroethane
Concen: 19.830 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

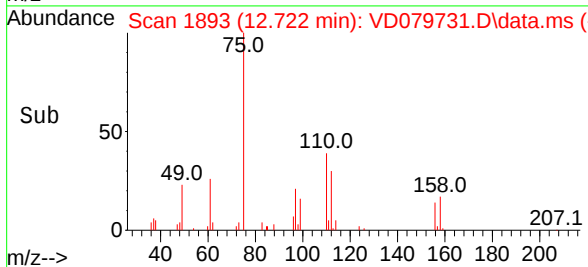
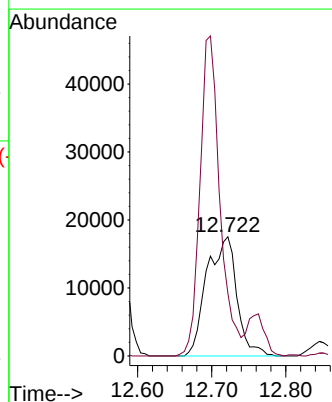
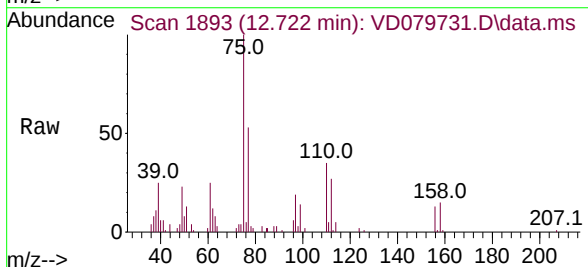
Instrument :
MSVOA_D
ClientSampleId :

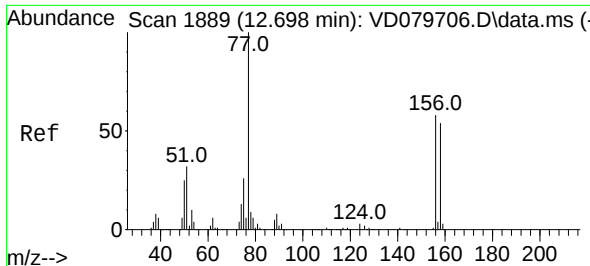
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.5	16.5
85	63.7	33.8	101.3



#76
1,2,3-Trichloropropane
Concen: 40.669 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

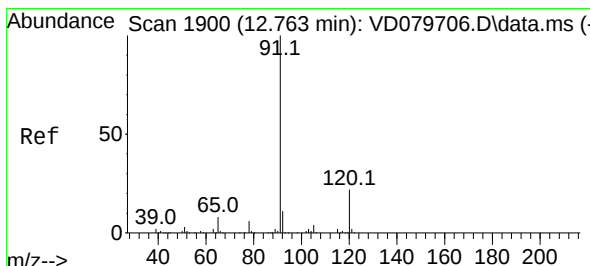
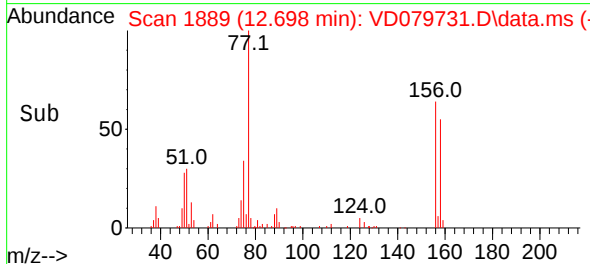
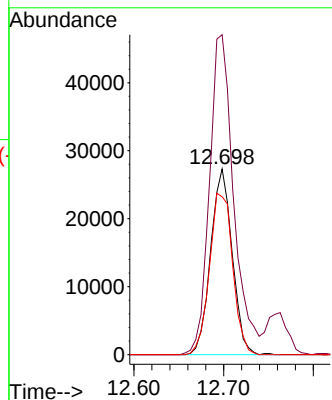
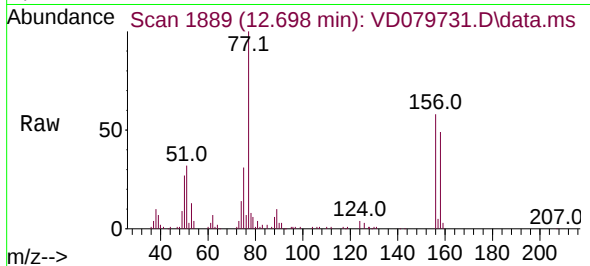




#77
Bromobenzene
Concen: 19.425 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

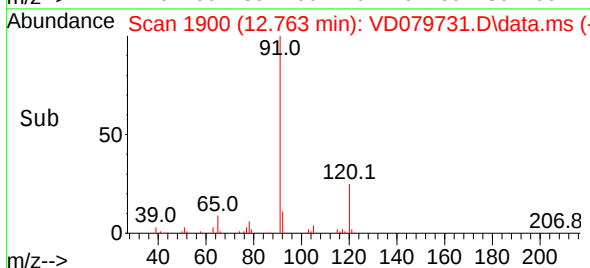
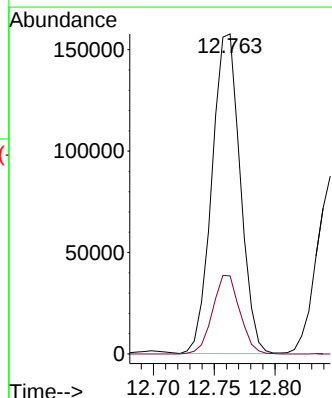
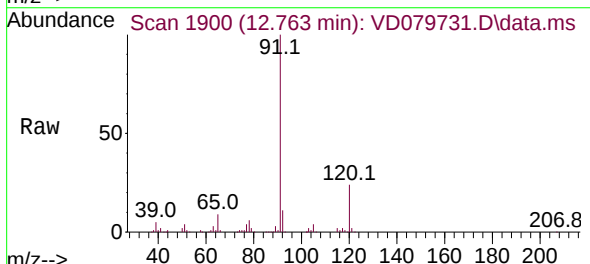
Instrument :
MSVOA_D
ClientSampleId :

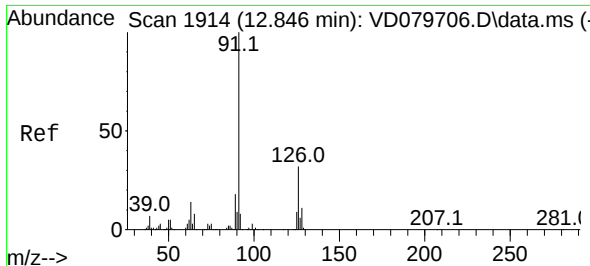
Tgt Ion:156 Resp: 45541
Ion Ratio Lower Upper
156 100
77 193.3 77.3 231.9
158 93.6 49.6 149.0



#78
n-propylbenzene
Concen: 19.632 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 91 Resp: 254660
Ion Ratio Lower Upper
91 100
120 23.7 12.3 36.8





#79

2-Chlorotoluene

Concen: 19.627 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

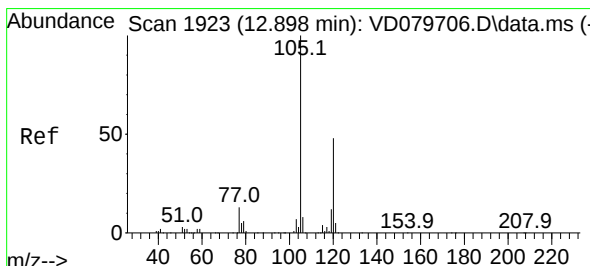
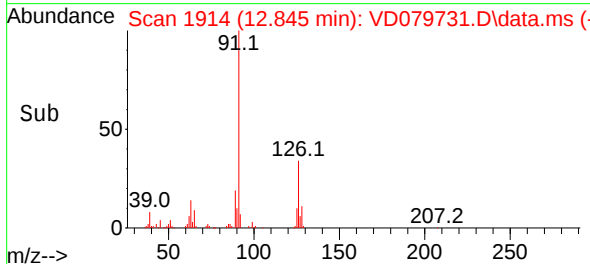
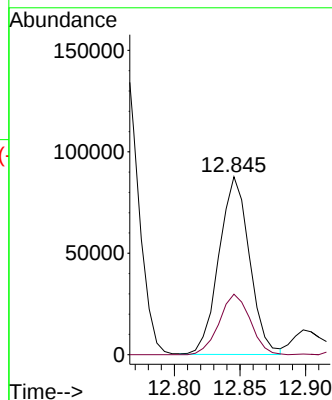
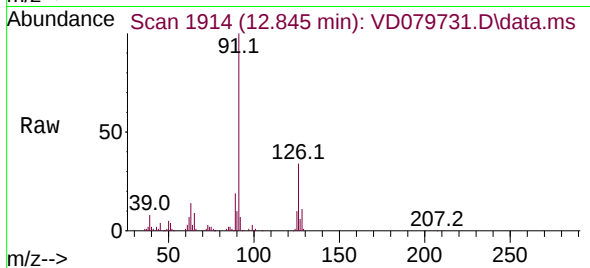
ClientSampleId :

Tgt Ion: 91 Resp: 141773

Ion Ratio Lower Upper

91 100

126 34.5 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 19.875 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VD079731.D

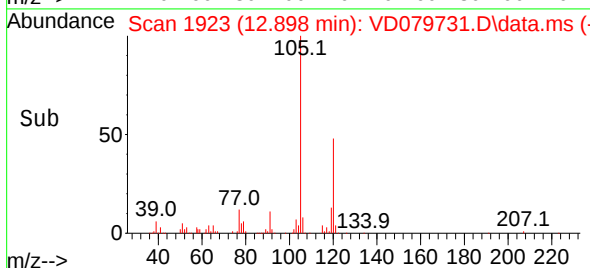
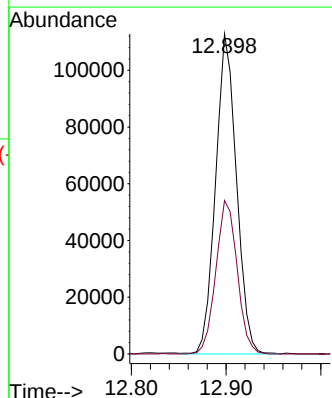
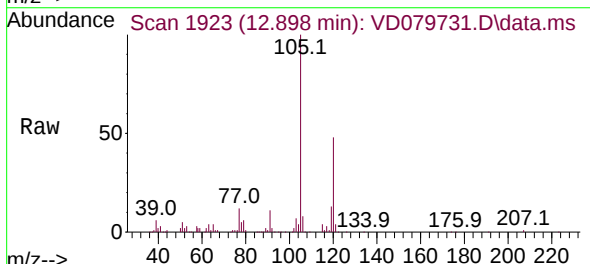
Acq: 14 Aug 2024 11:52

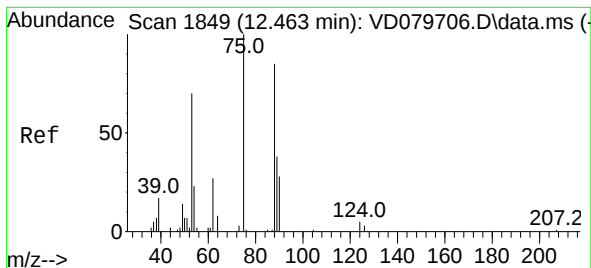
Tgt Ion:105 Resp: 172774

Ion Ratio Lower Upper

105 100

120 49.0 25.7 77.1

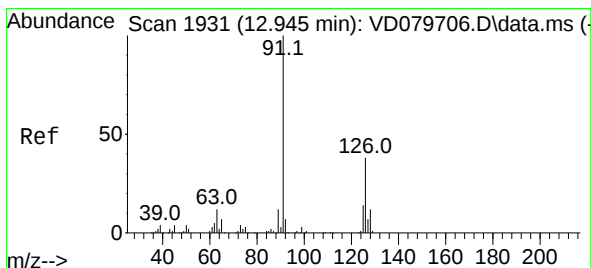
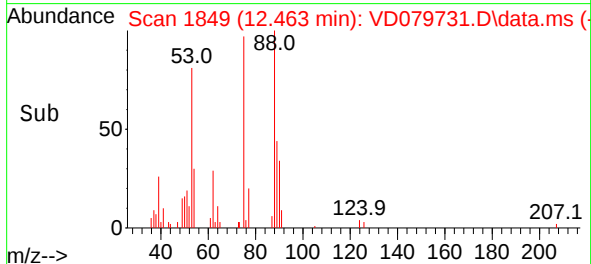
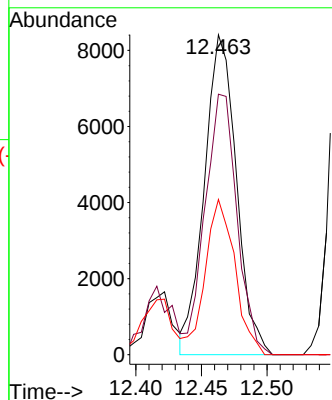
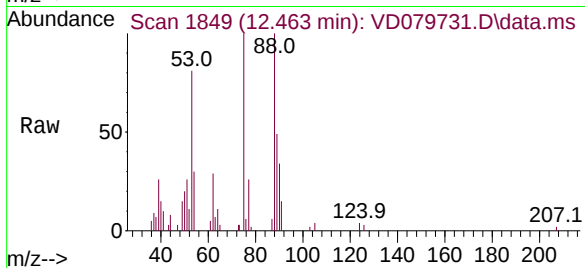




#81
trans-1,4-Dichloro-2-butene
Concen: 19.989 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

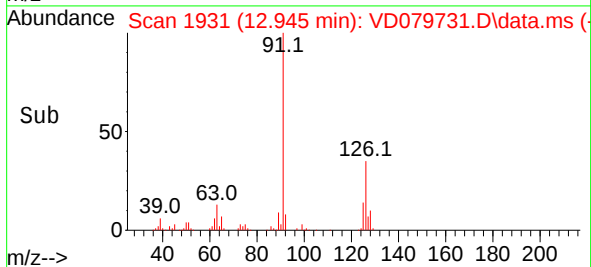
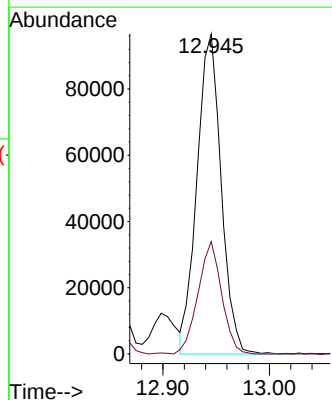
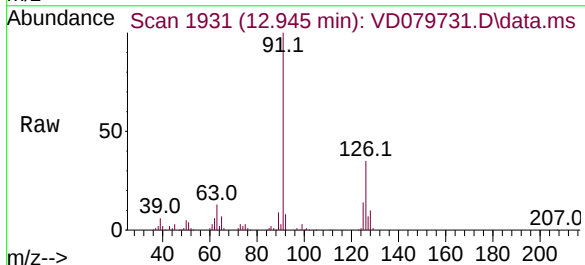
Instrument :
MSVOA_D
ClientSampleId :

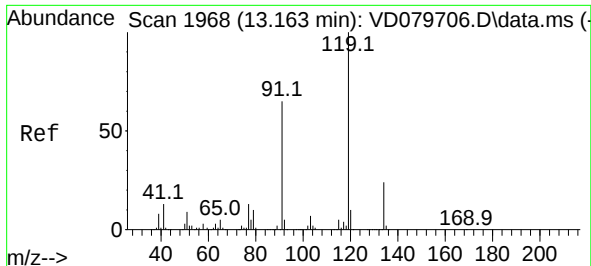
Tgt Ion: 75 Resp: 14278
Ion Ratio Lower Upper
75 100
53 81.7 61.4 92.2
89 45.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.129 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 91 Resp: 152890
Ion Ratio Lower Upper
91 100
126 34.3 18.9 56.9





#83

tert-Butylbenzene

Concen: 19.393 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

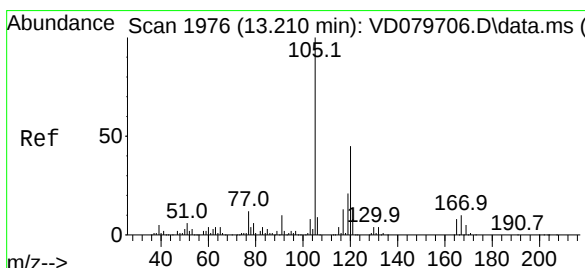
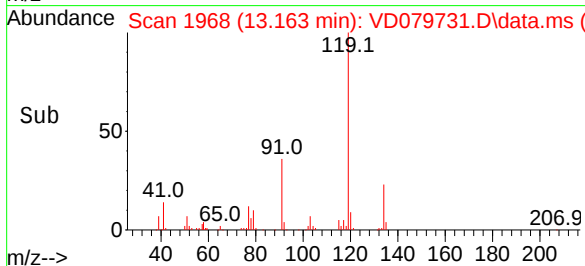
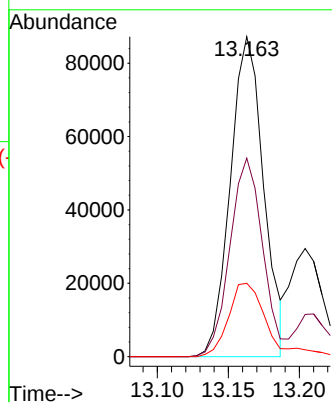
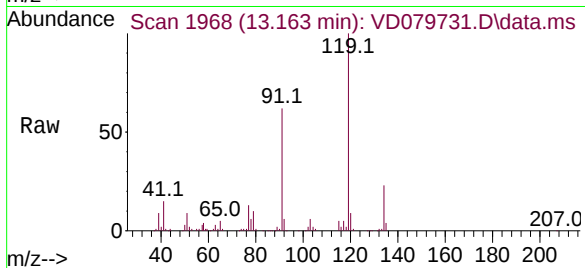
Tgt Ion:119 Resp: 142276

Ion Ratio Lower Upper

119 100

91 61.8 28.2 84.7

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.734 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079731.D

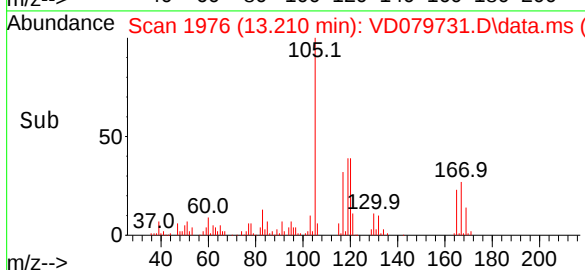
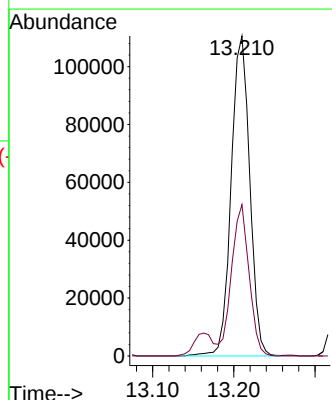
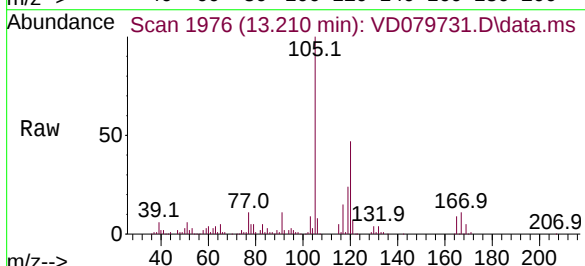
Acq: 14 Aug 2024 11:52

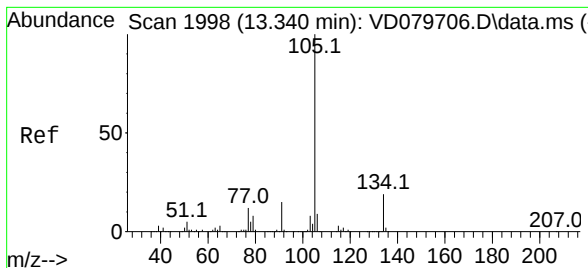
Tgt Ion:105 Resp: 175501

Ion Ratio Lower Upper

105 100

120 44.6 23.6 71.0





#85

sec-Butylbenzene

Concen: 19.794 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.000 min MSVOA_D

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

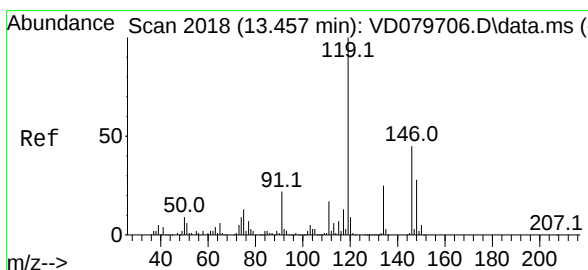
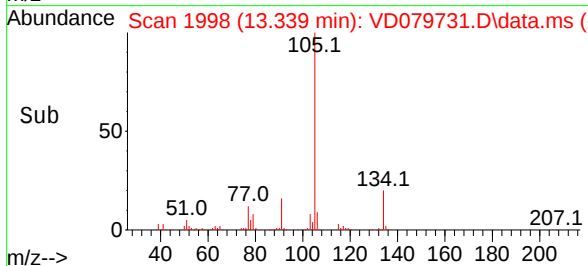
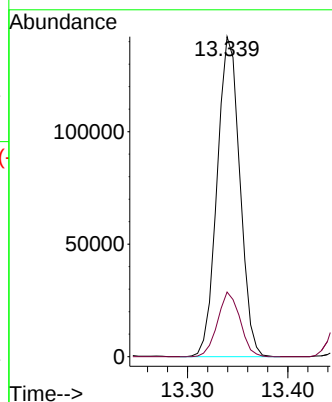
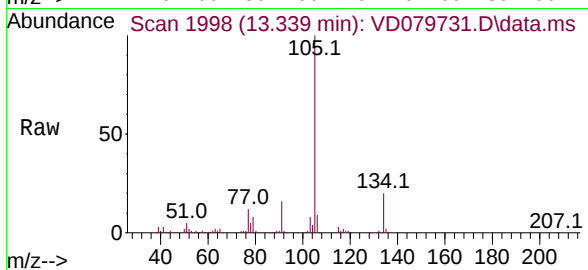
ClientSampleId :

Tgt Ion:105 Resp: 223768

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.239 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

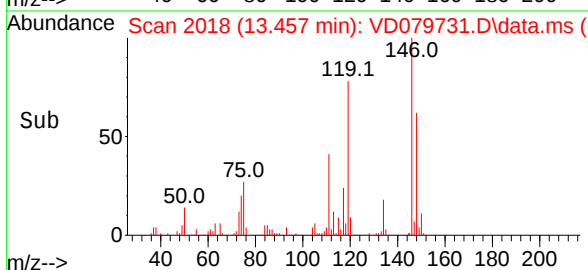
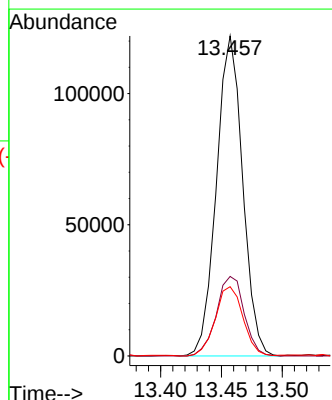
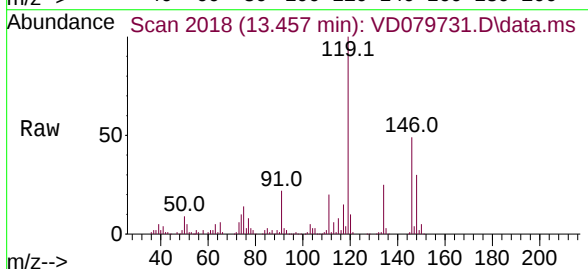
Tgt Ion:119 Resp: 182712

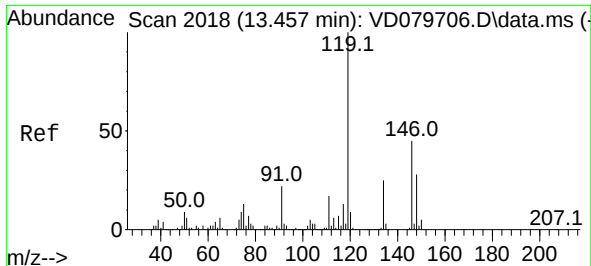
Ion Ratio Lower Upper

119 100

134 26.3 13.7 41.1

91 23.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.490 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

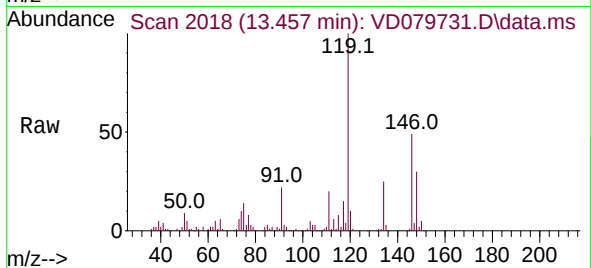
Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :



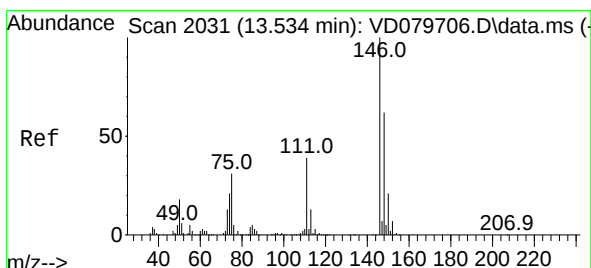
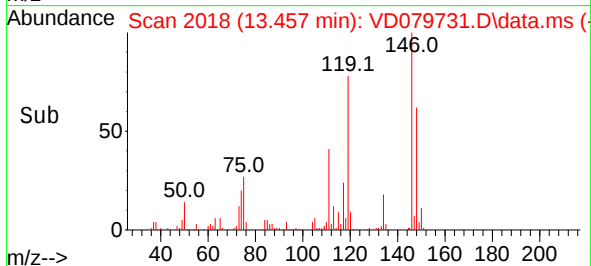
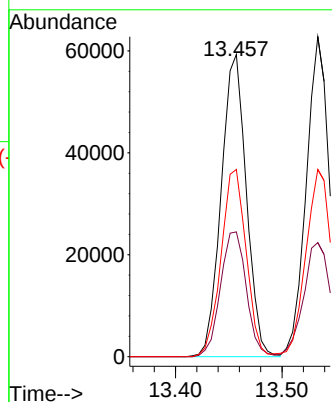
Tgt Ion:146 Resp: 97271

Ion Ratio Lower Upper

146 100

111 42.4 18.5 55.5

148 61.9 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 19.761 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

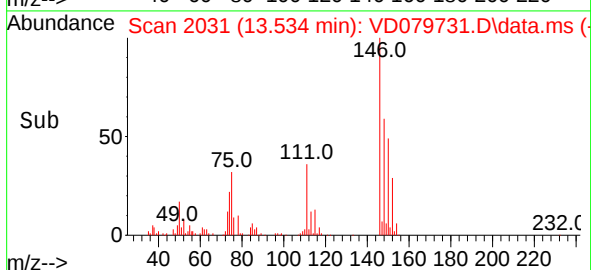
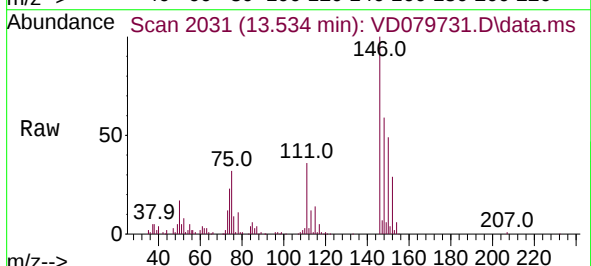
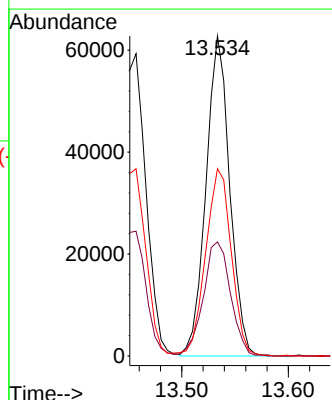
Tgt Ion:146 Resp: 97355

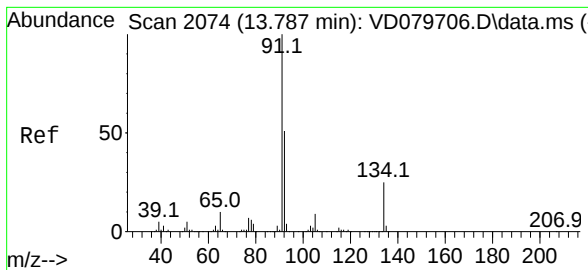
Ion Ratio Lower Upper

146 100

111 40.9 17.5 52.6

148 63.3 31.4 94.2

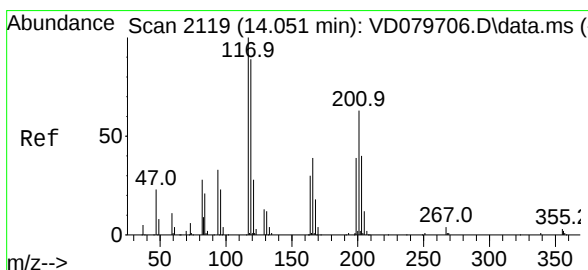
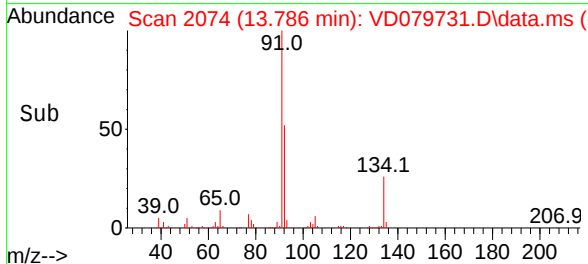
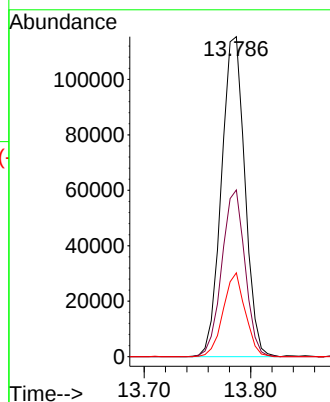
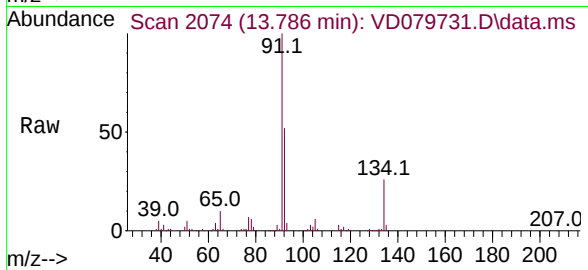




#89
n-Butylbenzene
Concen: 19.697 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

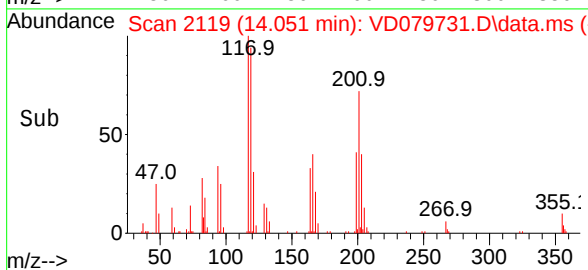
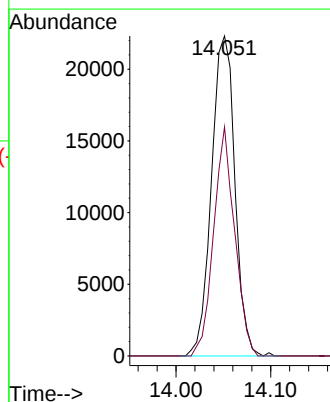
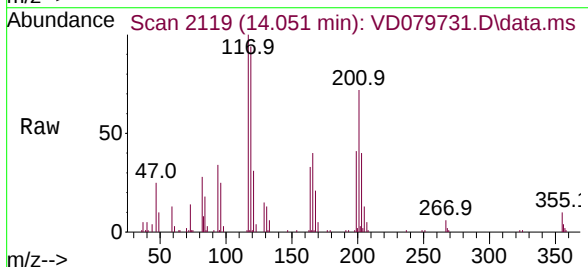
Instrument :
MSVOA_D
ClientSampleId :

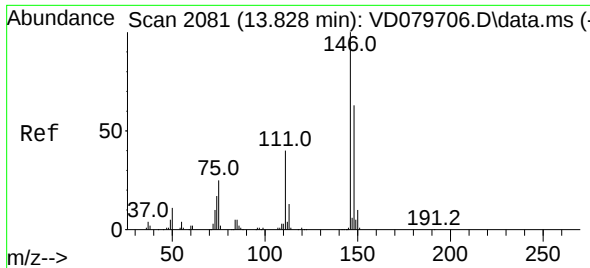
Tgt Ion: 91 Resp: 176323
Ion Ratio Lower Upper
91 100
92 51.7 25.7 77.0
134 24.6 13.6 40.8



#90
Hexachloroethane
Concen: 19.668 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD079731.D
Acq: 14 Aug 2024 11:52

Tgt Ion: 117 Resp: 38325
Ion Ratio Lower Upper
117 100
201 64.4 36.3 108.9

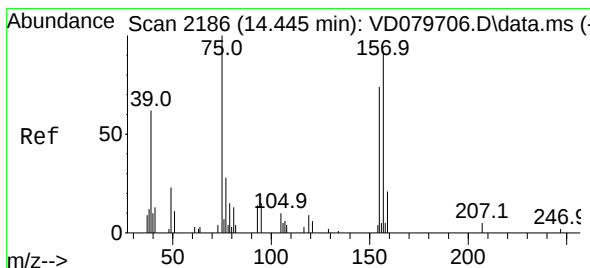
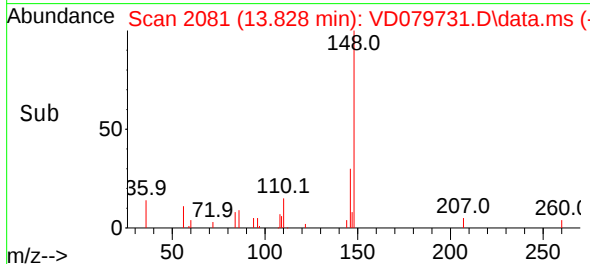
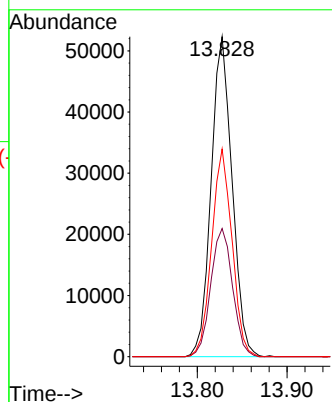
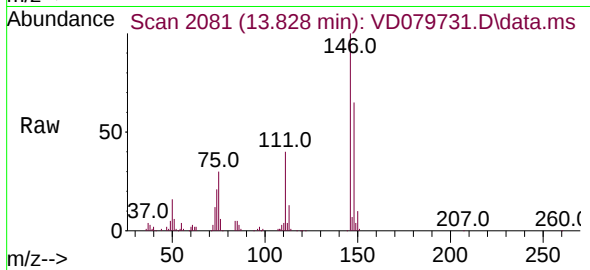




#91
 1,2-Dichlorobenzene
 Concen: 19.735 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD079731.D
 Acq: 14 Aug 2024 11:52

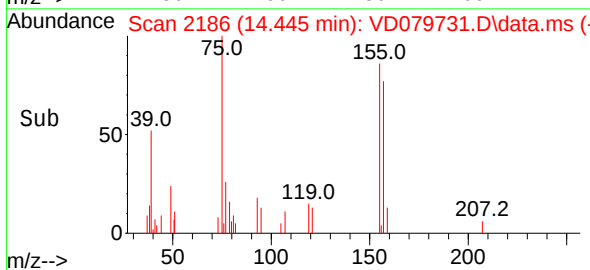
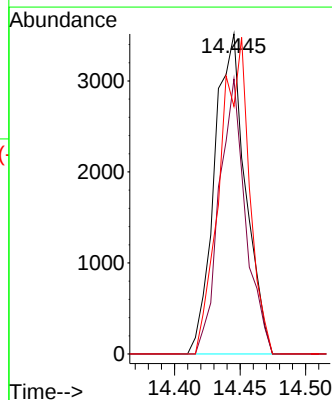
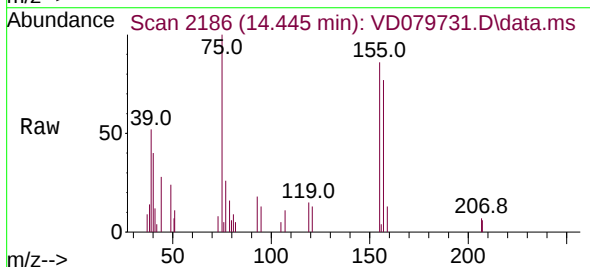
Instrument :
 MSVOA_D
 ClientSampleId :

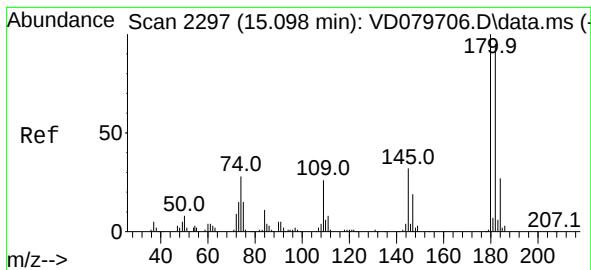
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.1	57.1
148	62.9	31.1	93.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.732 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD079731.D
 Acq: 14 Aug 2024 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.9	47.7	143.1
157	93.4	63.4	190.2





#93

1,2,4-Trichlorobenzene

Concen: 19.677 ug/l

RT: 15.092 min Scan# 2297

Delta R.T. -0.006 min

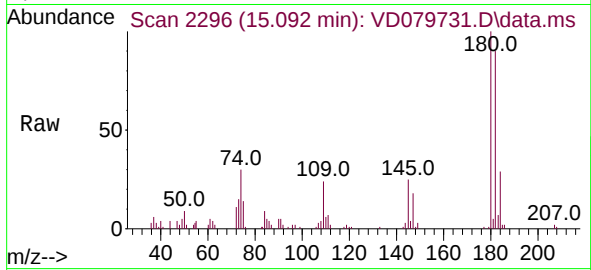
Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :



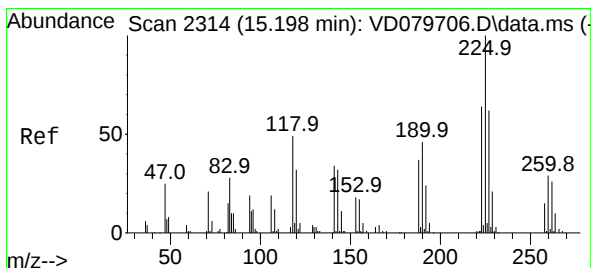
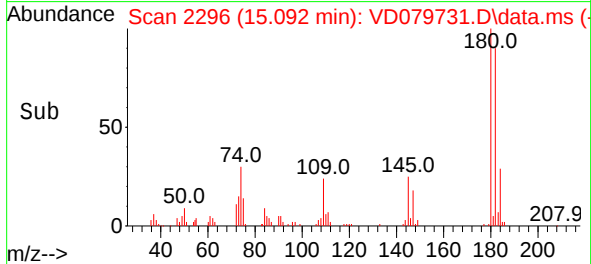
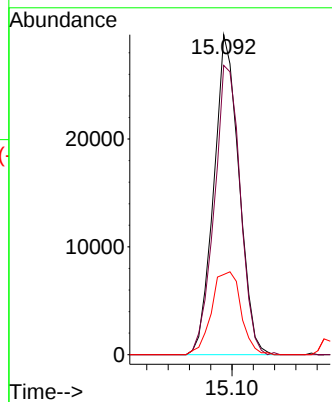
Tgt Ion:180 Resp: 48657

Ion Ratio Lower Upper

180 100

182 93.3 46.9 140.7

145 30.3 14.0 41.9



#94

Hexachlorobutadiene

Concen: 19.983 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

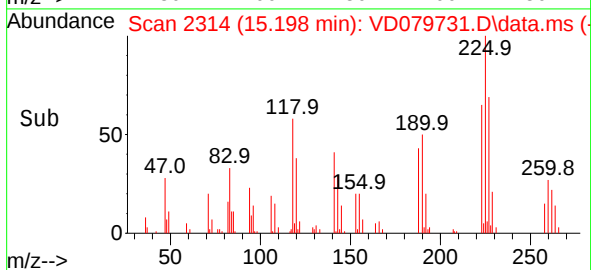
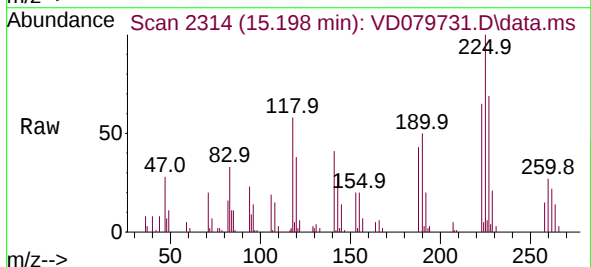
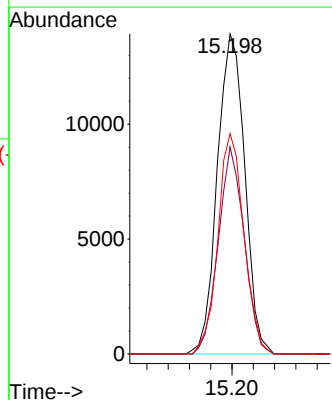
Tgt Ion:225 Resp: 24849

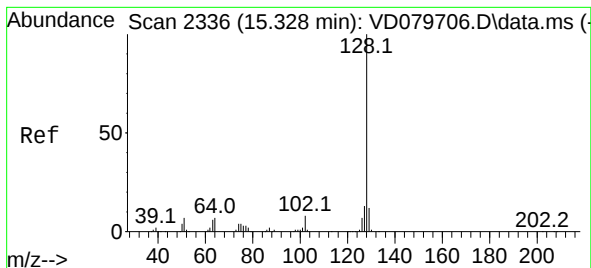
Ion Ratio Lower Upper

225 100

223 61.0 33.3 99.9

227 65.4 33.6 100.6





#95

Naphthalene

Concen: 20.037 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

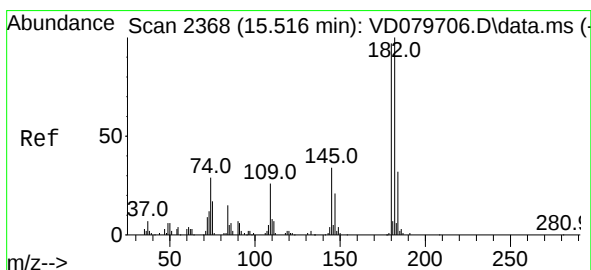
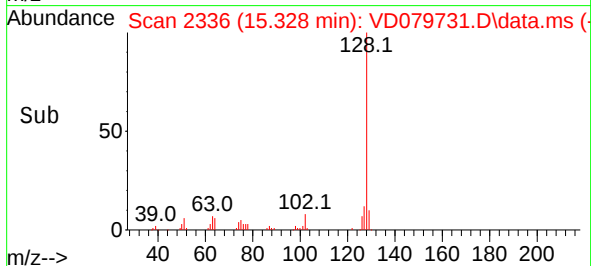
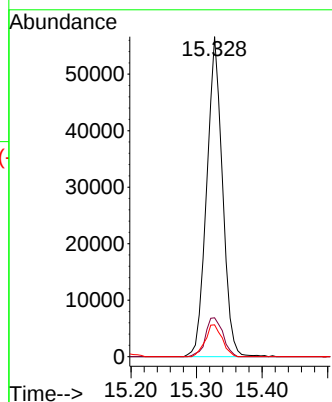
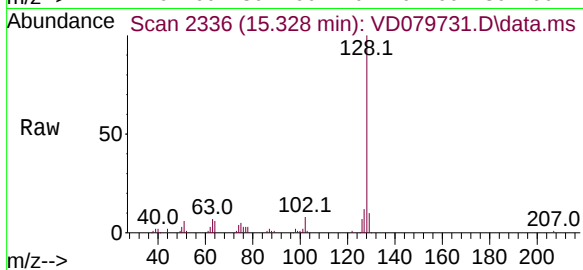
Tgt Ion:128 Resp: 94762

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 9.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.311 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079731.D

Acq: 14 Aug 2024 11:52

Tgt Ion:180 Resp: 41857

Ion Ratio Lower Upper

180 100

182 96.8 47.8 143.3

145 33.2 16.1 48.2

