

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
 Data File : VD079403.D
 Acq On : 25 Jul 2024 12:35
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 26 06:00:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 05:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	210448	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	360691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	336937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	168421	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	203226	93.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 186.260%#	
35) Dibromofluoromethane	7.805	113	222511	96.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 192.900%#	
50) Toluene-d8	10.269	98	871517	100.997	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 202.000%#	
62) 4-Bromofluorobenzene	12.569	95	272046	103.325	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 206.660%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	205423	112.098	ug/l	99
3) Chloromethane	2.146	50	104210	118.641	ug/l	98
4) Vinyl Chloride	2.281	62	90718	114.232	ug/l	97
5) Bromomethane	2.675	94	73231	97.301	ug/l	97
6) Chloroethane	2.828	64	47503	98.535	ug/l	95
7) Trichlorofluoromethane	3.164	101	378178	94.255	ug/l	99
8) Diethyl Ether	3.587	74	122335	106.298	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.958	101	247261	93.373	ug/l	95
10) Methyl Iodide	4.158	142	323378	111.569	ug/l	98
11) Tert butyl alcohol	5.058	59	59769	561.313	ug/l #	81
12) 1,1-Dichloroethene	3.934	96	247810	100.846	ug/l	91
13) Acrolein	3.799	56	97903	505.729	ug/l	99
14) Allyl chloride	4.558	41	313814	108.573	ug/l	87
15) Acrylonitrile	5.252	53	264353	503.620	ug/l	97
16) Acetone	4.017	43	204073	520.587	ug/l	99
17) Carbon Disulfide	4.264	76	829938	100.185	ug/l	97
18) Methyl Acetate	4.564	43	123724	101.431	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	535273	106.212	ug/l	96
20) Methylene Chloride	4.799	84	300512	101.106	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	272893	99.051	ug/l	89
22) Diisopropyl ether	6.216	45	674698	103.410	ug/l	95
23) Vinyl Acetate	6.152	43	2646699	537.325	ug/l	94
24) 1,1-Dichloroethane	6.111	63	462763	97.836	ug/l	95
25) 2-Butanone	7.081	43	299179	503.266	ug/l	97
26) 2,2-Dichloropropane	7.075	77	372800	92.293	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	320244	99.902	ug/l	92
28) Bromochloromethane	7.428	49	188944	97.138	ug/l #	79
29) Tetrahydrofuran	7.446	42	189739	512.737	ug/l	88
30) Chloroform	7.593	83	476400	92.173	ug/l	99
31) Cyclohexane	7.875	56	377897	96.825	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	402997	93.225	ug/l	99
36) 1,1-Dichloropropene	8.005	75	349784	103.038	ug/l	97
37) Ethyl Acetate	7.169	43	139075	109.402	ug/l	98
38) Carbon Tetrachloride	7.993	117	358044	96.318	ug/l	98
39) Methylcyclohexane	9.275	83	445900	109.552	ug/l	94
40) Benzene	8.252	78	1078493	100.469	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	72761	104.179	ug/l	88
42) 1,2-Dichloroethane	8.322	62	248035	95.332	ug/l	97
43) Isopropyl Acetate	8.363	43	247861	102.839	ug/l	97
44) Trichloroethene	9.028	130	255061	99.502	ug/l	92
45) 1,2-Dichloropropane	9.304	63	259843	100.272	ug/l	97
46) Dibromomethane	9.393	93	146932	96.517	ug/l	92
47) Bromodichloromethane	9.581	83	363308	98.158	ug/l	97
48) Methyl methacrylate	9.381	41	117849	105.588	ug/l	88
49) 1,4-Dioxane	9.381	88	32174	2272.035	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	669997	521.890	ug/l	99
52) Toluene	10.334	92	689140	104.682	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	334442	102.356	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	406499	102.861	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	191963	96.877	ug/l	96
56) Ethyl methacrylate	10.593	69	251508	111.077	ug/l	96
57) 1,3-Dichloropropane	10.875	76	332717	100.169	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	524526	553.941	ug/l	90
59) 2-Hexanone	10.916	43	472303	530.936	ug/l	100
60) Dibromochloromethane	11.069	129	250276	98.316	ug/l	98
61) 1,2-Dibromoethane	11.181	107	186222	97.532	ug/l	96
64) Tetrachloroethene	10.810	164	211714	99.101	ug/l	94
65) Chlorobenzene	11.604	112	726437	99.128	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	245802	96.677	ug/l	96
67) Ethyl Benzene	11.681	91	1322916	108.666	ug/l	99
68) m/p-Xylenes	11.793	106	1036471	215.555	ug/l	90
69) o-Xylene	12.116	106	484311	112.263	ug/l	89
70) Styrene	12.134	104	854899	111.761	ug/l	96
71) Bromoform	12.298	173	134625	98.143	ug/l #	98
73) Isopropylbenzene	12.416	105	1246106	108.005	ug/l	98
74) N-amyl acetate	12.234	43	250323	106.028	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	223298	93.832	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	280059	137.856	ug/l #	100
77) Bromobenzene	12.698	156	275650	101.736	ug/l	84
78) n-propylbenzene	12.763	91	1540439	106.412	ug/l	96
79) 2-Chlorotoluene	12.845	91	859792	103.207	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	1048092	108.063	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	81364	103.954	ug/l	97
82) 4-Chlorotoluene	12.945	91	893860	103.578	ug/l	94
83) tert-Butylbenzene	13.163	119	886501	109.234	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	1071512	109.478	ug/l	96
85) sec-Butylbenzene	13.340	105	1354856	107.073	ug/l	98
86) p-Isopropyltoluene	13.457	119	1154168	111.995	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	574602	101.340	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	559634	97.827	ug/l	97
89) n-Butylbenzene	13.781	91	1098188	109.807	ug/l	96
90) Hexachloroethane	14.051	117	228641	97.382	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	497506	101.077	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	30858	97.944	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	280713	104.725	ug/l	97
94) Hexachlorobutadiene	15.198	225	153434	99.434	ug/l	95
95) Naphthalene	15.328	128	593885	116.016	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	251528	105.329	ug/l	98

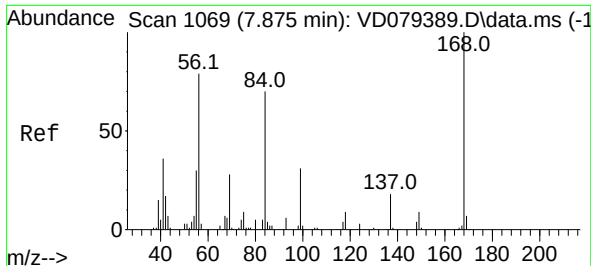
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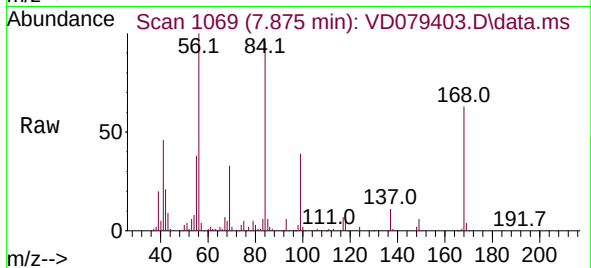
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

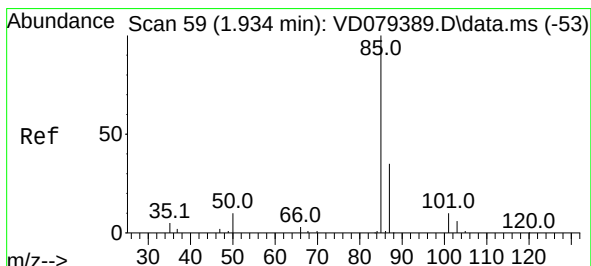
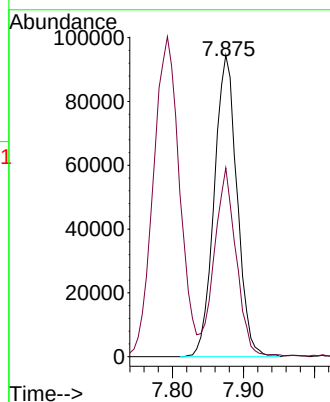
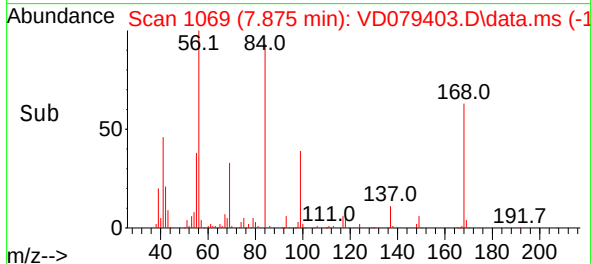


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

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MSVOA_D
ClientSampleId :

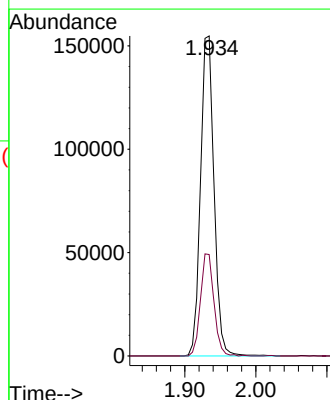
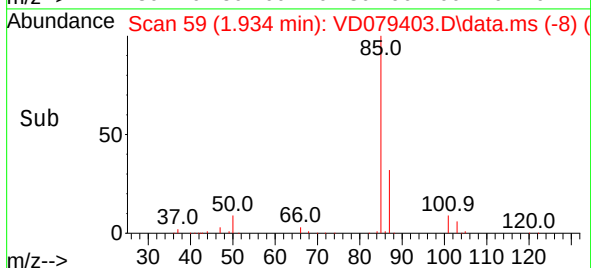
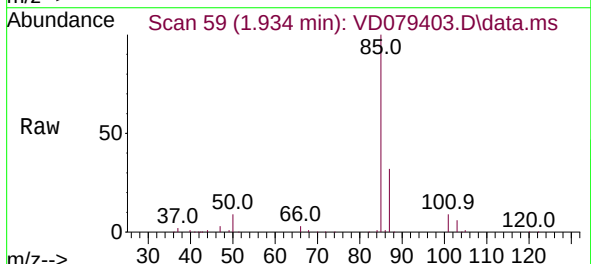


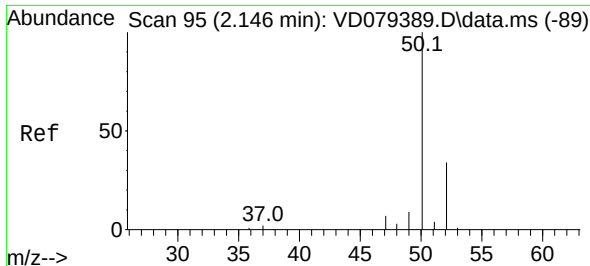
Tgt Ion:168 Resp: 210448
Ion Ratio Lower Upper
168 100
99 62.0 41.1 61.7#



#2
Dichlorodifluoromethane
Concen: 112.098 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 85 Resp: 205423
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0

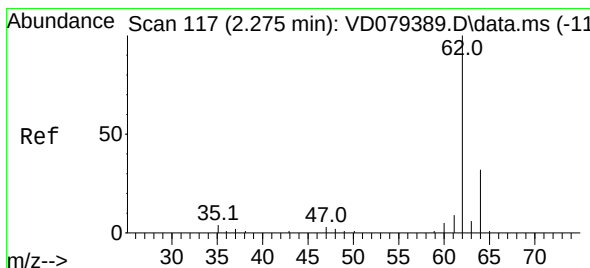
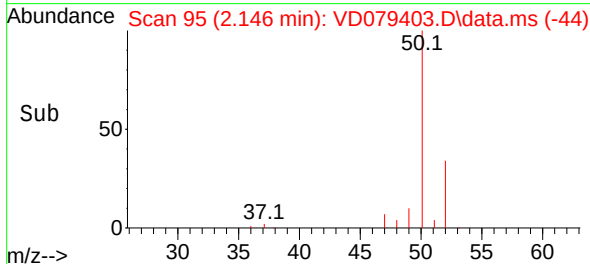
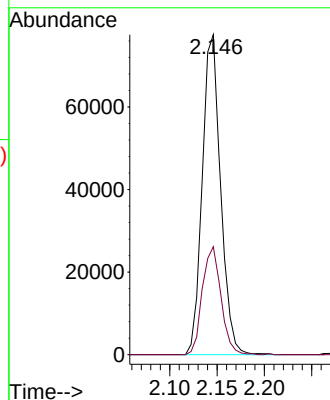
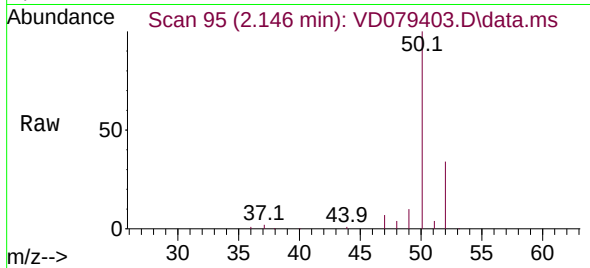




#3
Chloromethane
Concen: 118.641 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

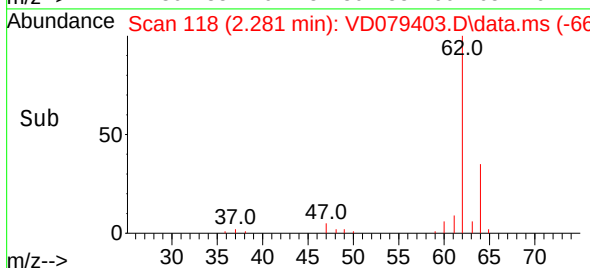
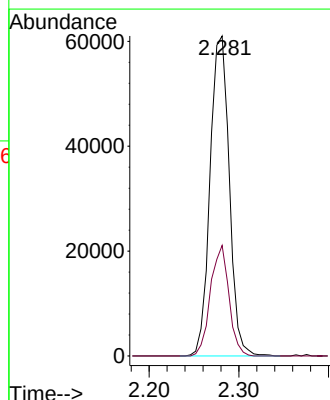
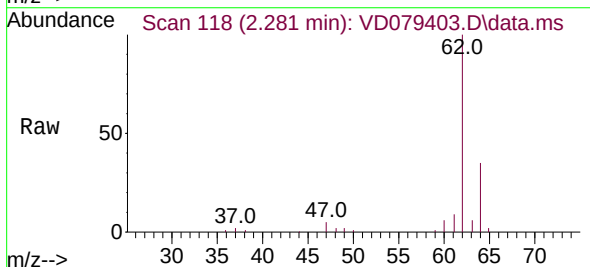
Instrument :
MSVOA_D
ClientSampleId :

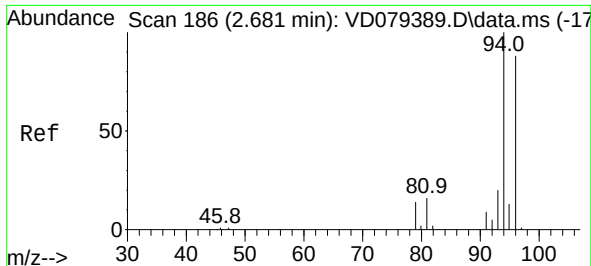
Tgt Ion: 50 Resp: 104210
Ion Ratio Lower Upper
50 100
52 33.8 28.2 42.2



#4
Vinyl Chloride
Concen: 114.232 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.005 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 62 Resp: 90718
Ion Ratio Lower Upper
62 100
64 34.5 26.3 39.5

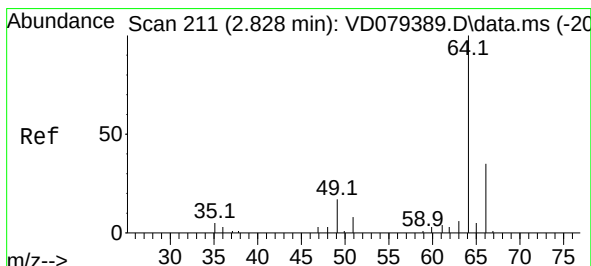
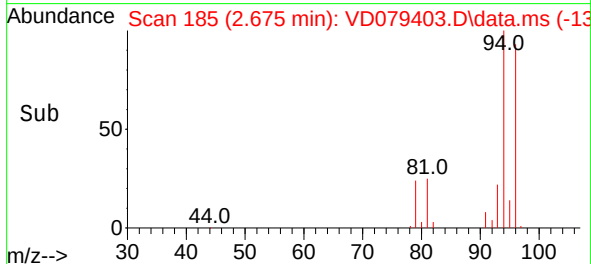
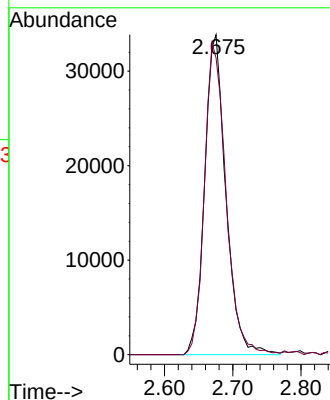
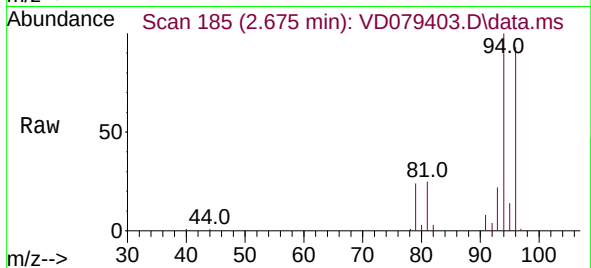




#5
Bromomethane
Concen: 97.301 ug/l
RT: 2.675 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

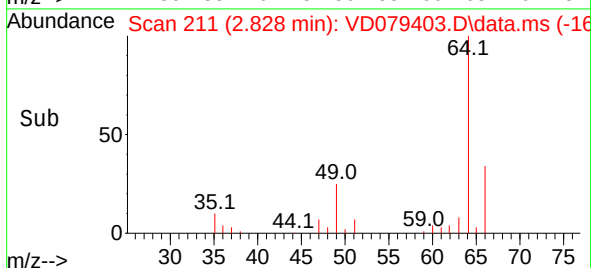
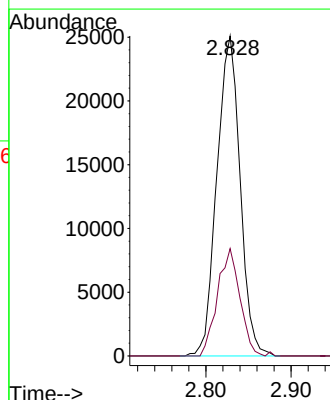
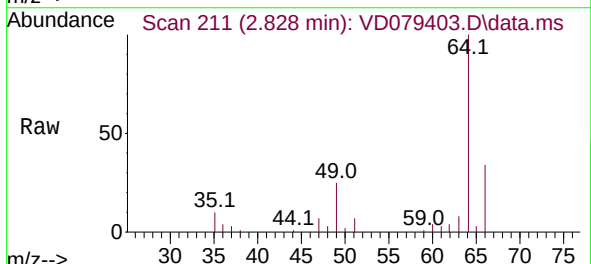
Instrument :
MSVOA_D
ClientSampleId :

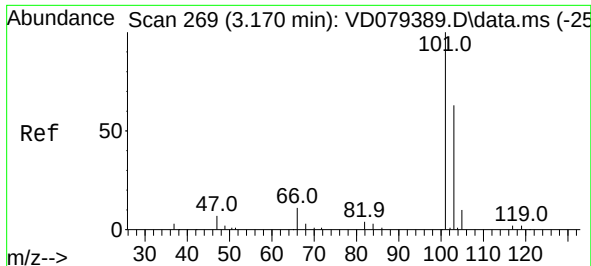
Tgt Ion: 94 Resp: 73231
Ion Ratio Lower Upper
94 100
96 99.2 76.9 115.3



#6
Chloroethane
Concen: 98.535 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 64 Resp: 47503
Ion Ratio Lower Upper
64 100
66 33.6 24.5 36.7

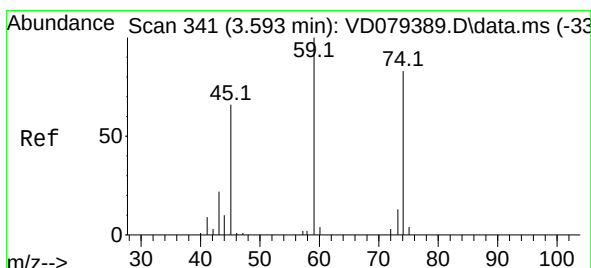
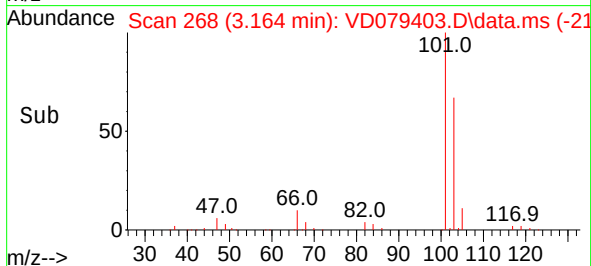
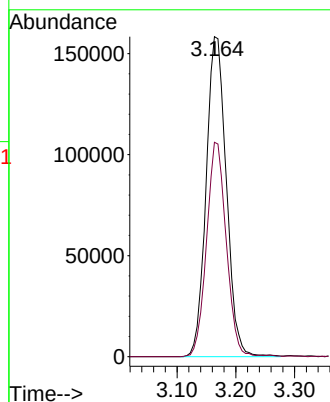
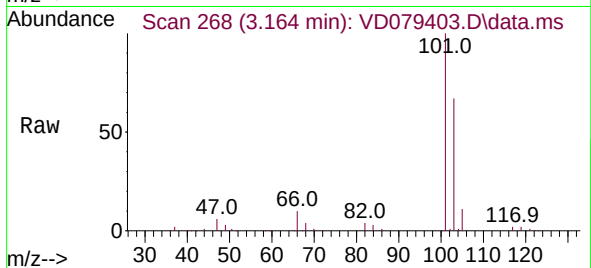




#7
Trichlorofluoromethane
Concen: 94.255 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD079403.D
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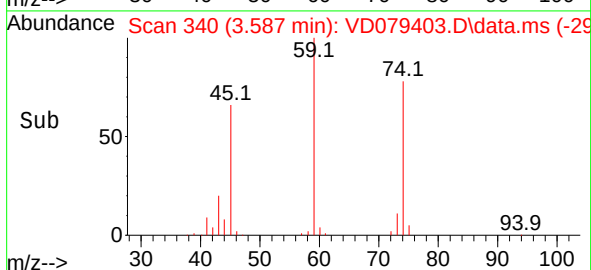
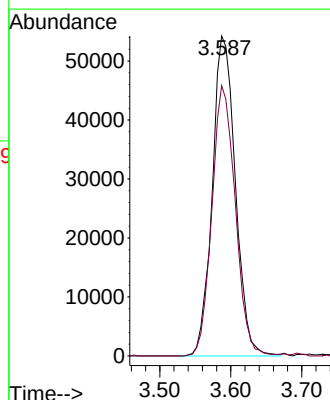
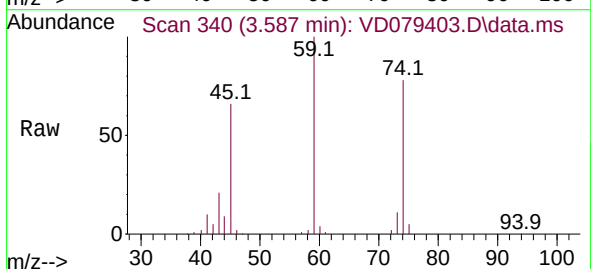
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MSVOA_D
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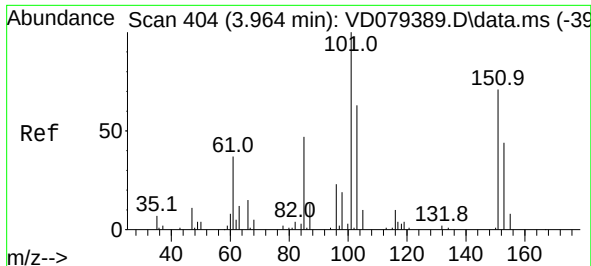
Tgt Ion:101 Resp: 378178
Ion Ratio Lower Upper
101 100
103 67.0 53.2 79.8



#8
Diethyl Ether
Concen: 106.298 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 74 Resp: 122335
Ion Ratio Lower Upper
74 100
45 85.6 37.9 113.6

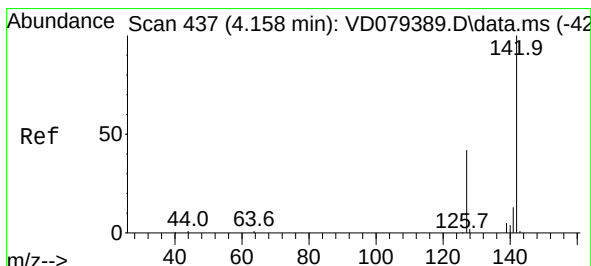
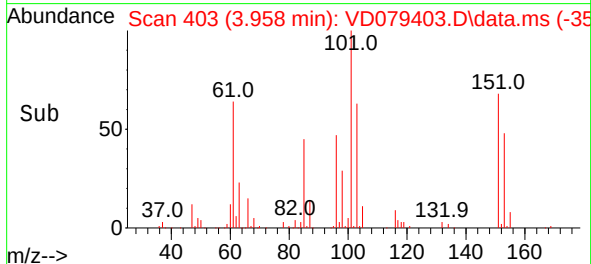
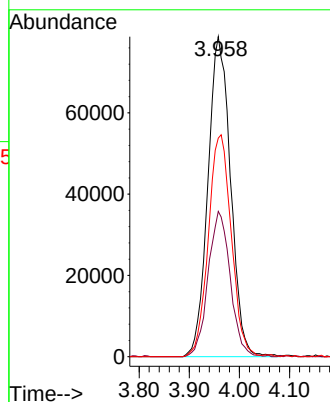
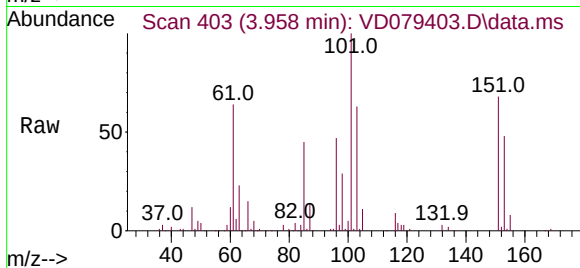




#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.373 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD079403.D
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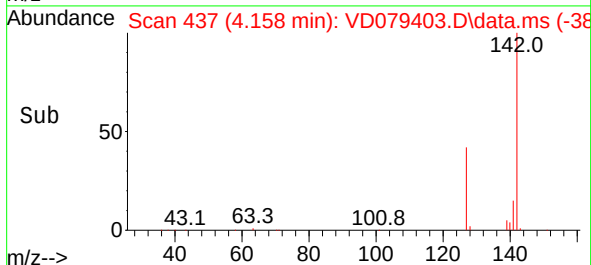
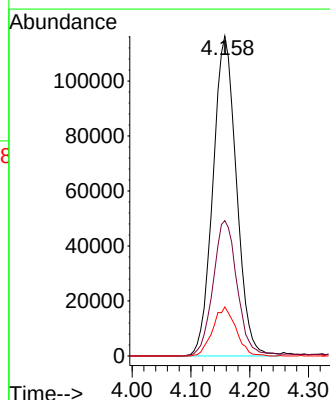
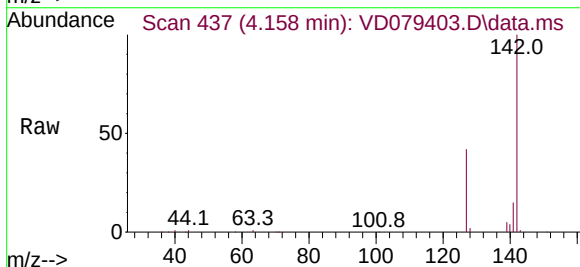
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MSVOA_D
ClientSampleId :

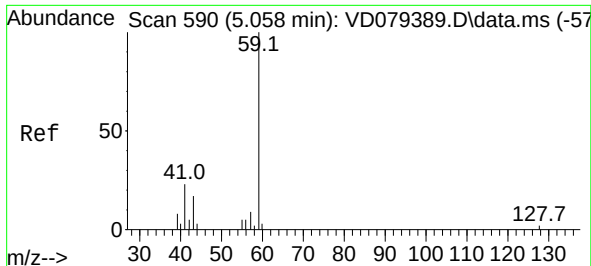
Tgt Ion:101 Resp: 247261
Ion Ratio Lower Upper
101 100
85 44.3 33.5 50.3
151 70.2 60.3 90.5



#10
Methyl Iodide
Concen: 111.569 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

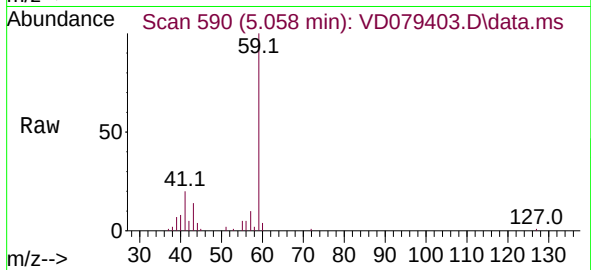
Tgt Ion:142 Resp: 323378
Ion Ratio Lower Upper
142 100
127 43.9 34.2 51.4
141 15.1 11.7 17.5



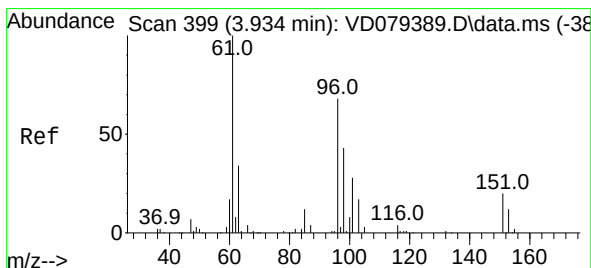
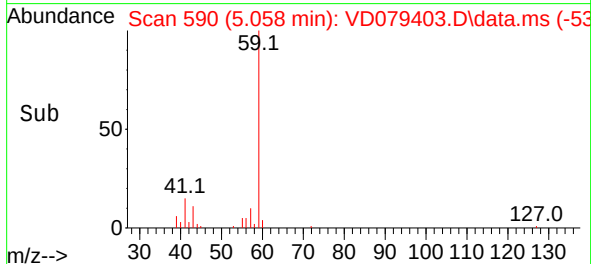
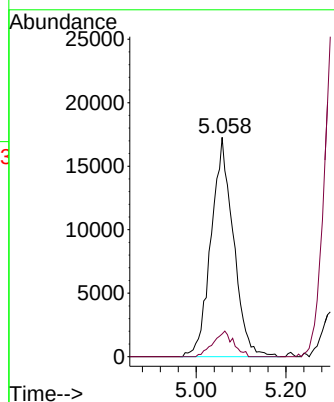


#11
Tert butyl alcohol
Concen: 561.313 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Instrument :
MSVOA_D
ClientSampleId :

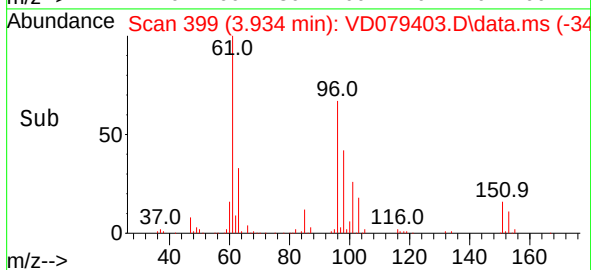
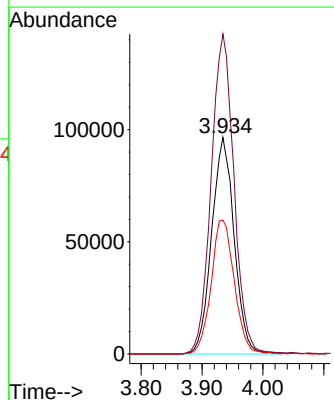
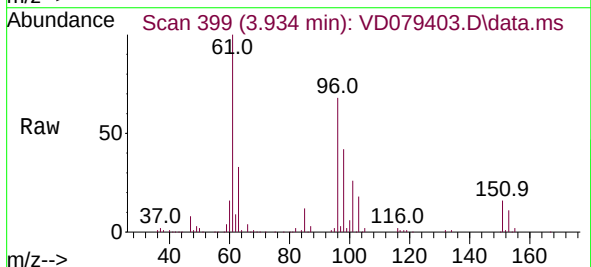


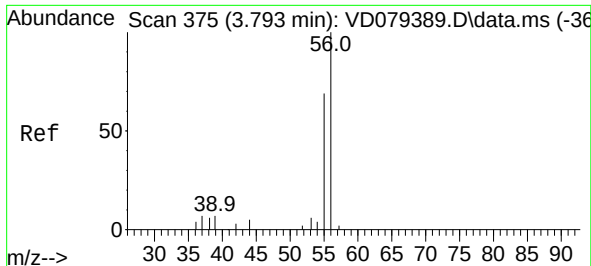
Tgt Ion: 59 Resp: 59769
Ion Ratio Lower Upper
59 100
57 10.7 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 100.846 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 96 Resp: 247810
Ion Ratio Lower Upper
96 100
61 147.8 107.3 160.9
98 61.9 51.7 77.5





#13

Acrolein

Concen: 505.729 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

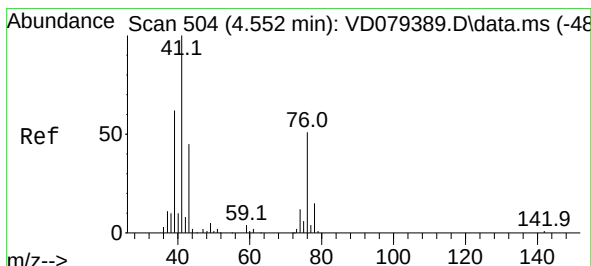
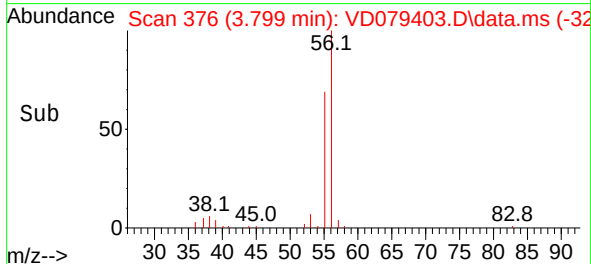
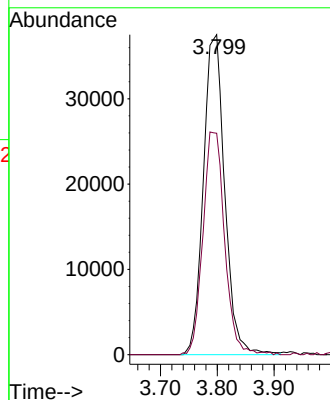
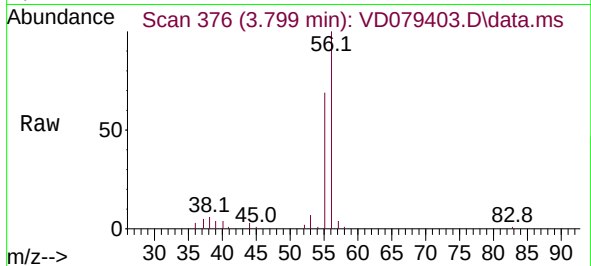
ClientSampleId :

Tgt Ion: 56 Resp: 97903

Ion Ratio Lower Upper

56 100

55 70.2 55.3 82.9



#14

Allyl chloride

Concen: 108.573 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

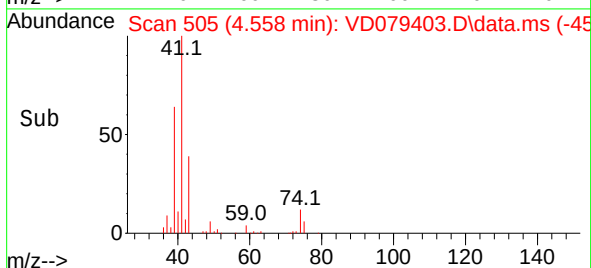
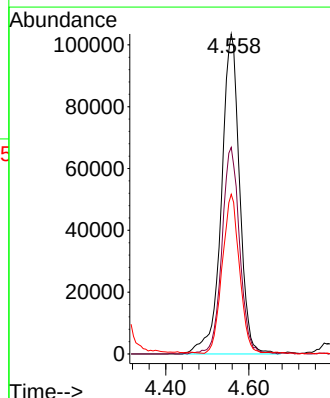
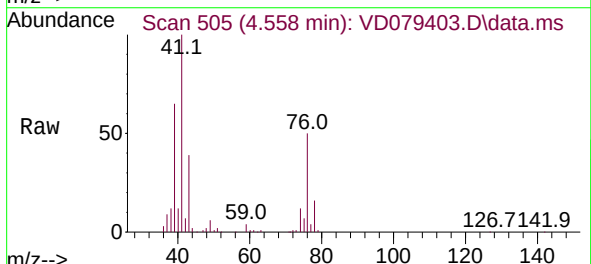
Tgt Ion: 41 Resp: 313814

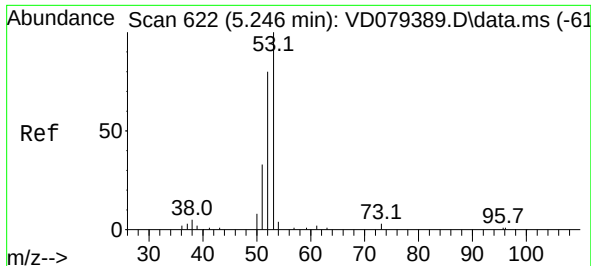
Ion Ratio Lower Upper

41 100

39 63.0 58.0 87.0

76 46.9 45.9 68.9





#15

Acrylonitrile

Concen: 503.620 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

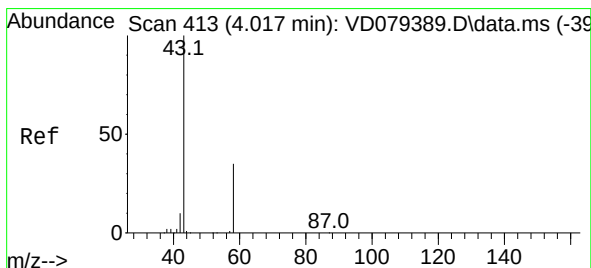
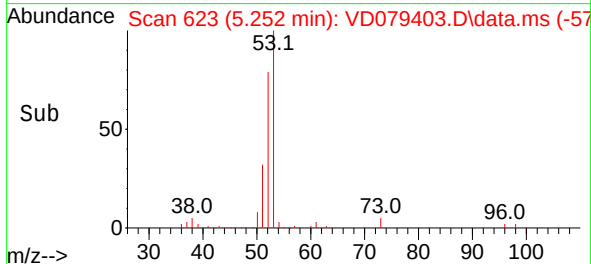
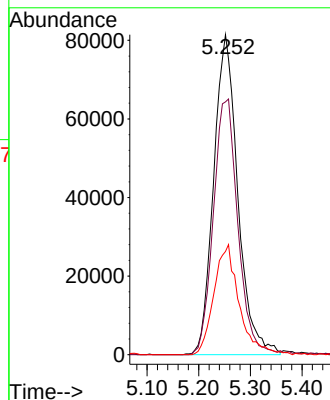
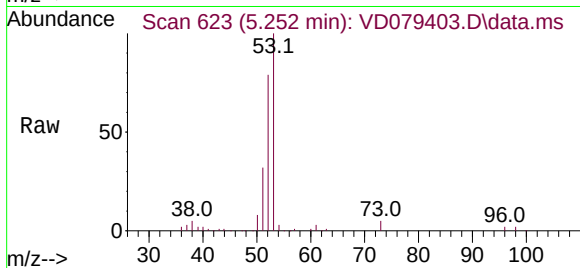
Tgt Ion: 53 Resp: 264353

Ion Ratio Lower Upper

53 100

52 80.9 67.7 101.5

51 35.8 28.6 42.8



#16

Acetone

Concen: 520.587 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD079403.D

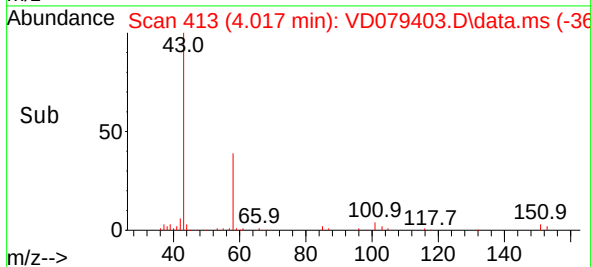
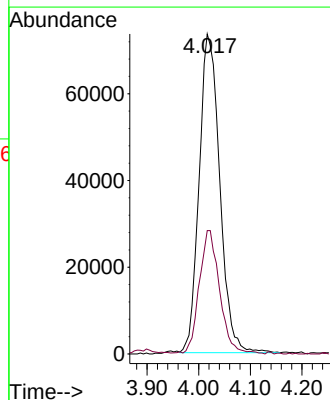
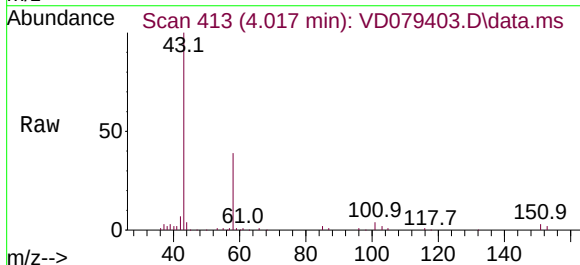
Acq: 25 Jul 2024 12:35

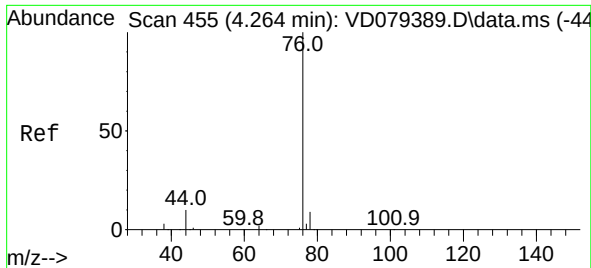
Tgt Ion: 43 Resp: 204073

Ion Ratio Lower Upper

43 100

58 38.4 30.4 45.6

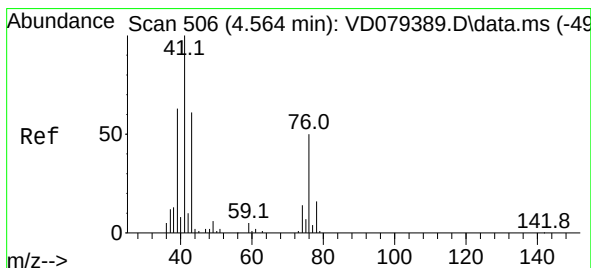
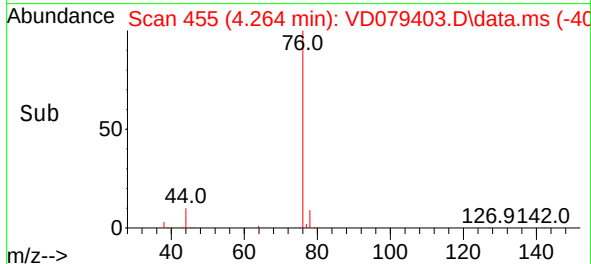
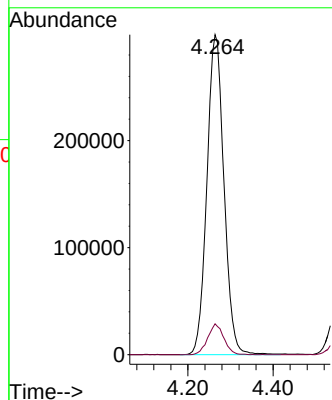
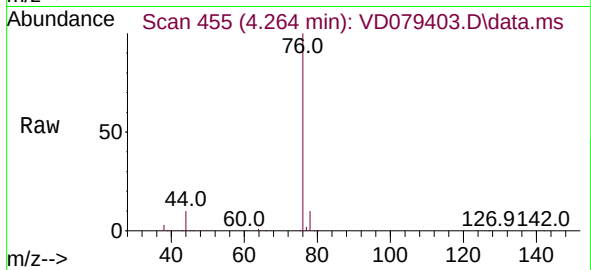




#17
Carbon Disulfide
Concen: 100.185 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

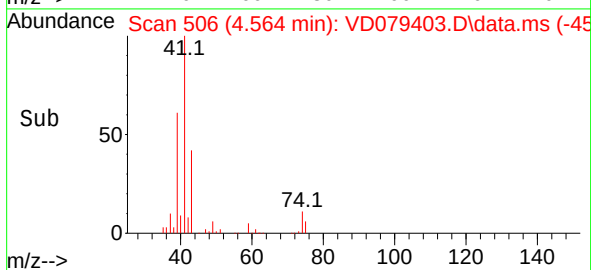
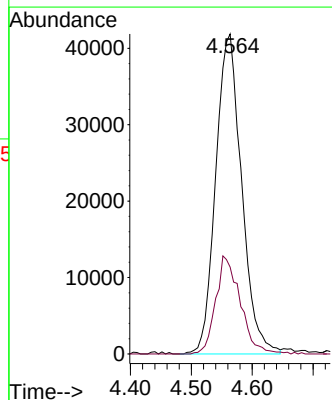
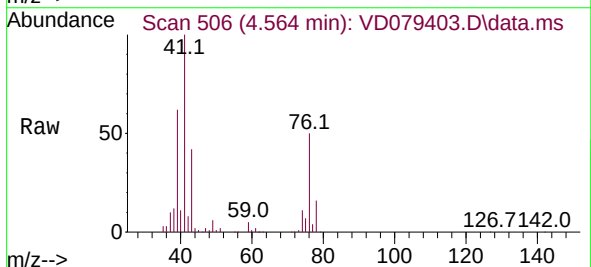
Instrument :
MSVOA_D
ClientSampleId :

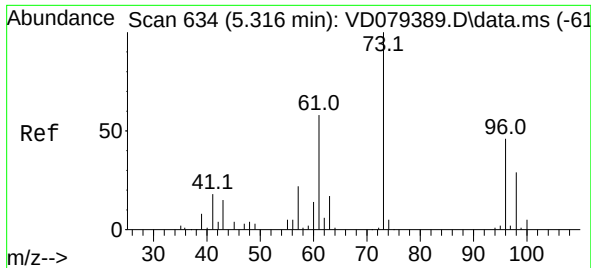
Tgt Ion: 76 Resp: 829938
Ion Ratio Lower Upper
76 100
78 9.7 6.9 10.3



#18
Methyl Acetate
Concen: 101.431 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

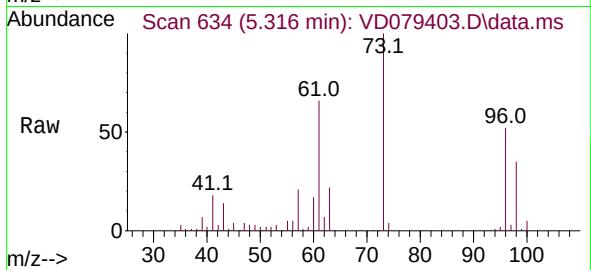
Tgt Ion: 43 Resp: 123724
Ion Ratio Lower Upper
43 100
74 29.1 28.1 42.1



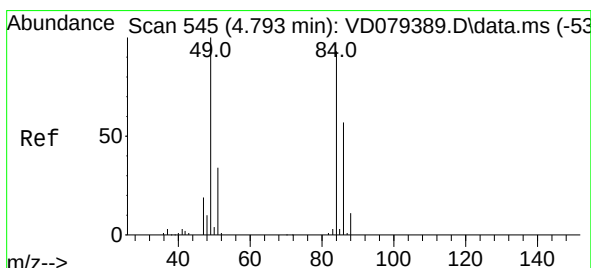
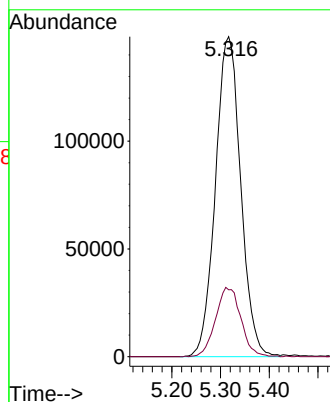
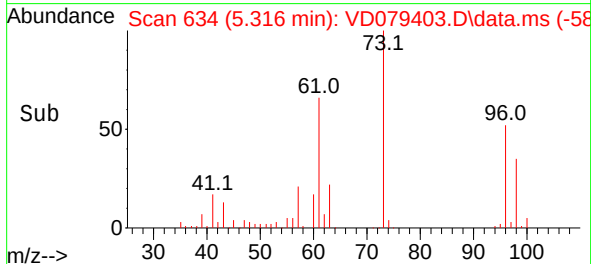


#19
Methyl tert-butyl Ether
Concen: 106.212 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Instrument :
MSVOA_D
ClientSampleId :

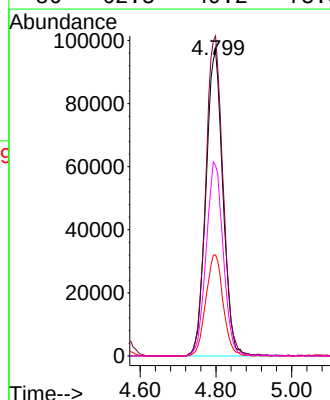
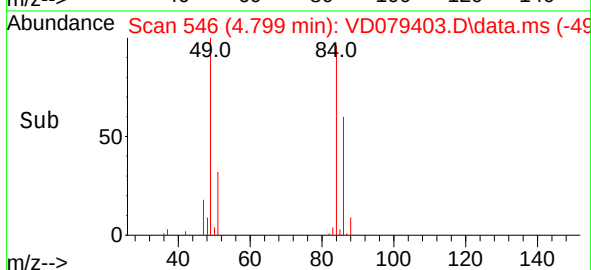
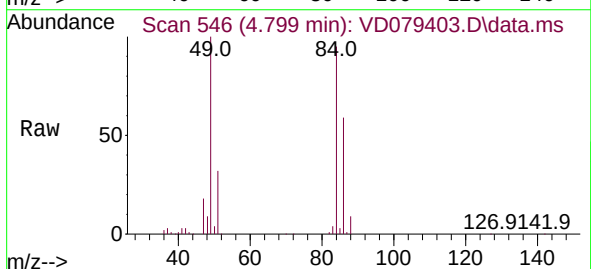


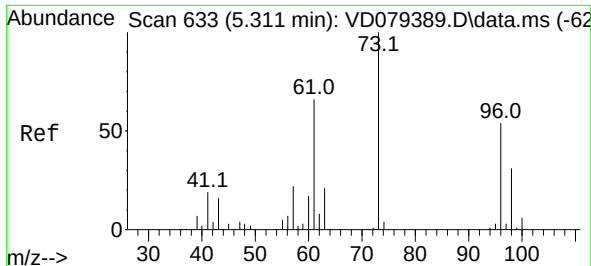
Tgt Ion: 73 Resp: 535273
Ion Ratio Lower Upper
73 100
57 20.9 18.3 27.5



#20
Methylene Chloride
Concen: 101.106 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

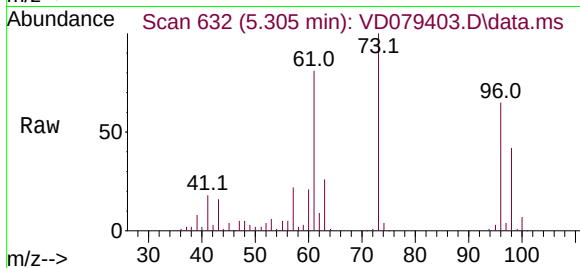
Tgt Ion: 84 Resp: 300512
Ion Ratio Lower Upper
84 100
49 104.8 75.6 113.4
51 33.1 24.2 36.2
86 62.3 49.2 73.8



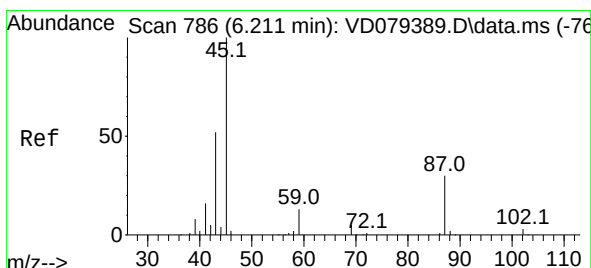
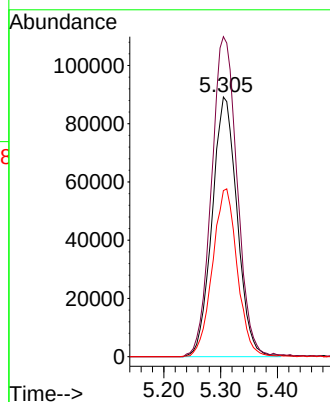
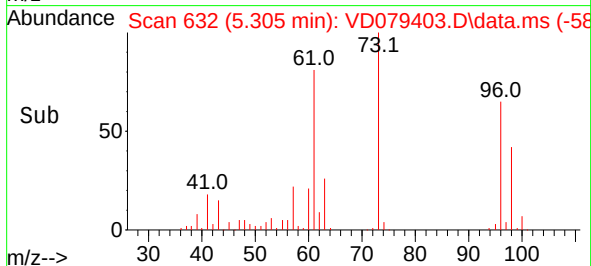


#21
trans-1,2-Dichloroethene
Concen: 99.051 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

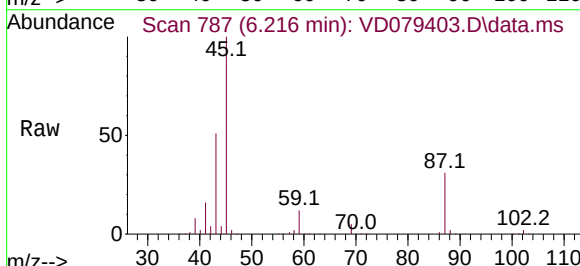
Instrument :
MSVOA_D
ClientSampleId :



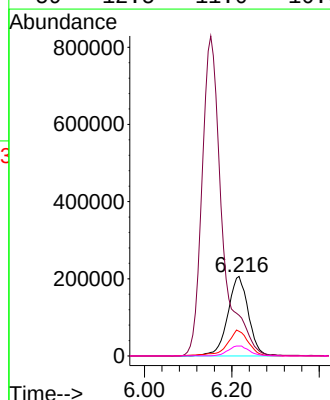
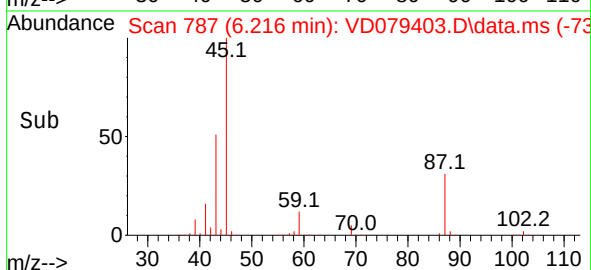
Tgt Ion: 96 Resp: 272893
Ion Ratio Lower Upper
96 100
61 123.2 84.5 126.7
98 64.0 50.5 75.7

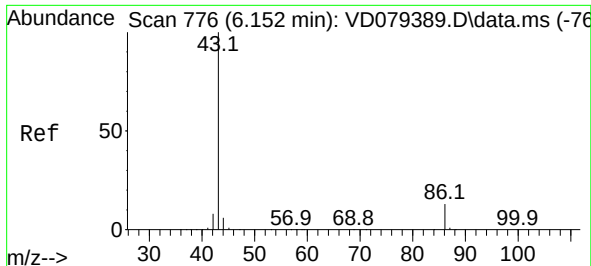


#22
Diisopropyl ether
Concen: 103.410 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35



Tgt Ion: 45 Resp: 674698
Ion Ratio Lower Upper
45 100
43 51.2 41.7 62.5
87 31.0 30.2 45.2
59 12.5 11.0 16.6

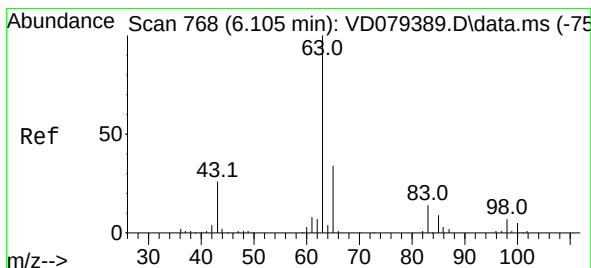
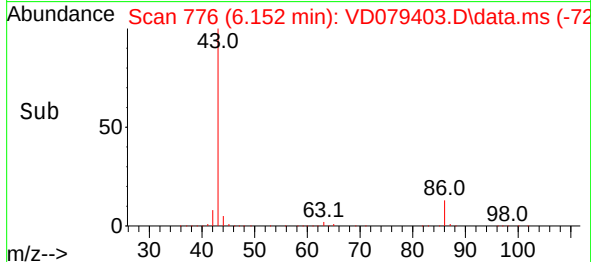
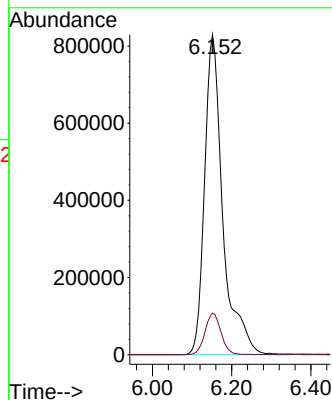
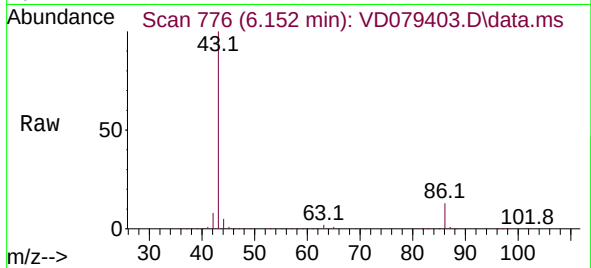




#23
 Vinyl Acetate
 Concen: 537.325 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079403.D
 Acq: 25 Jul 2024 12:35

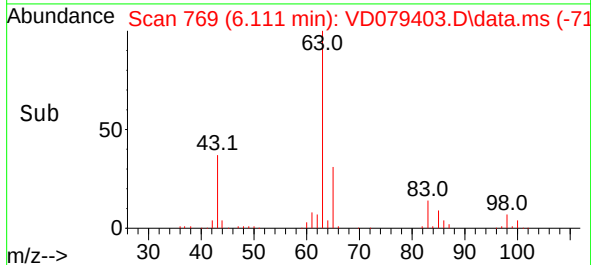
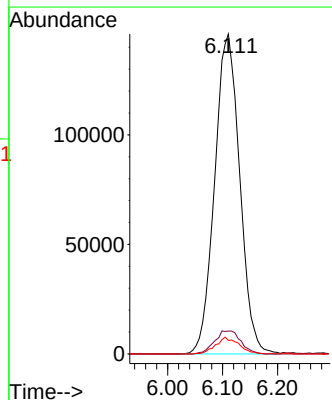
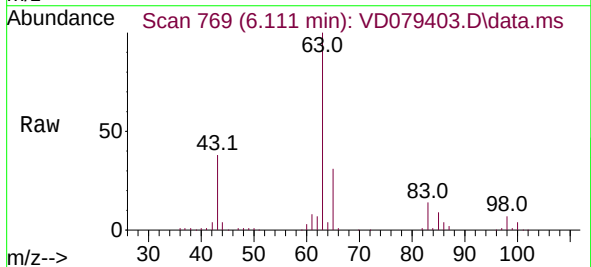
Instrument :
 MSVOA_D
 ClientSampleId :

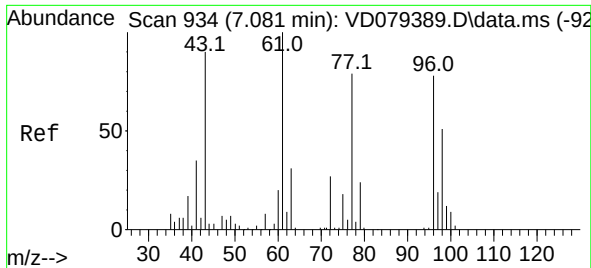
Tgt Ion: 43 Resp: 2646699
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 97.836 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD079403.D
 Acq: 25 Jul 2024 12:35

Tgt Ion: 63 Resp: 462763
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.7 14.0
 100 4.2 2.9 8.6

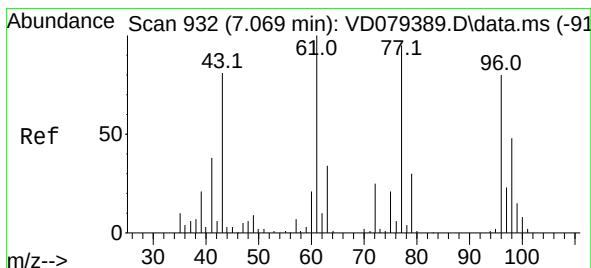
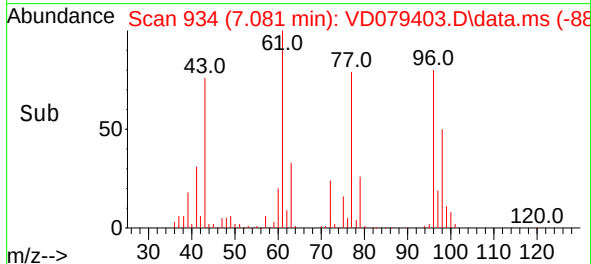
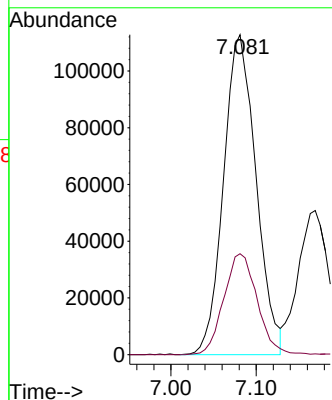
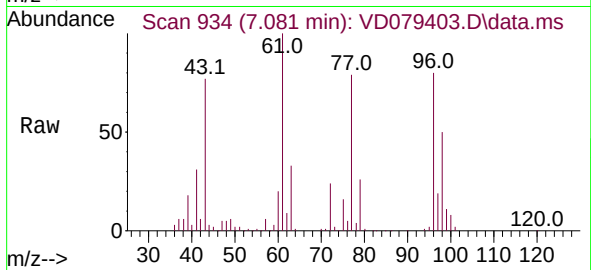




#25
2-Butanone
Concen: 503.266 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

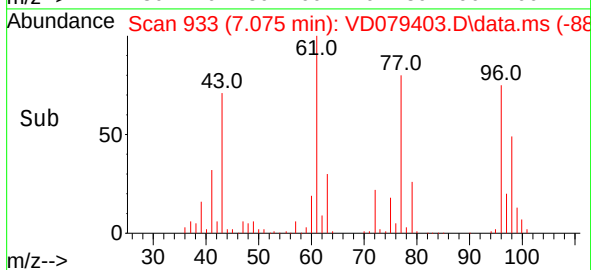
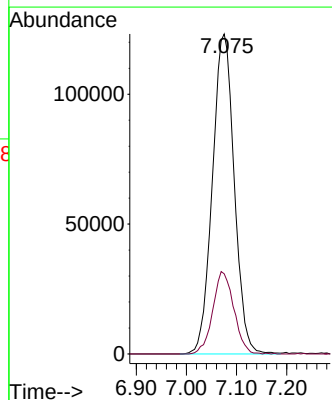
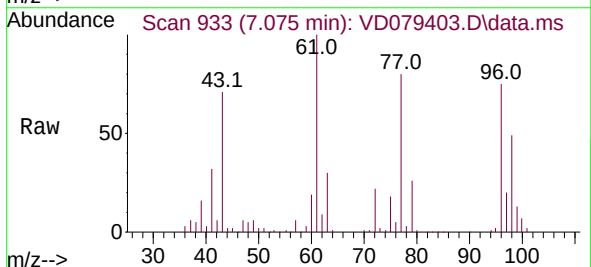
Instrument :
MSVOA_D
ClientSampleId :

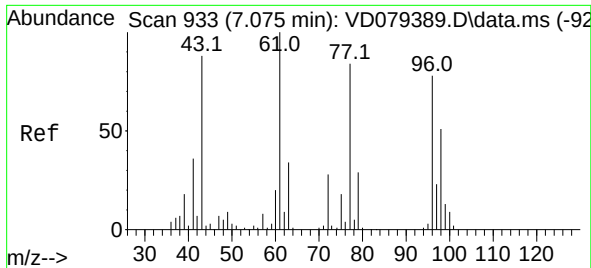
Tgt Ion: 43 Resp: 299179
Ion Ratio Lower Upper
43 100
72 31.5 26.4 39.6



#26
2,2-Dichloropropane
Concen: 92.293 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 77 Resp: 372800
Ion Ratio Lower Upper
77 100
97 24.8 12.4 37.2

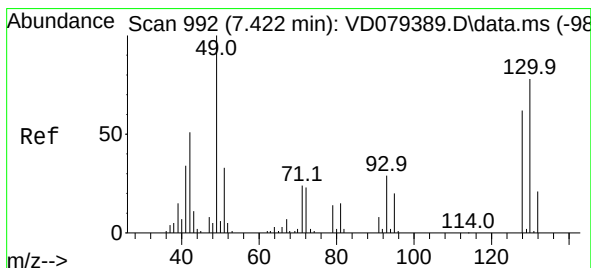
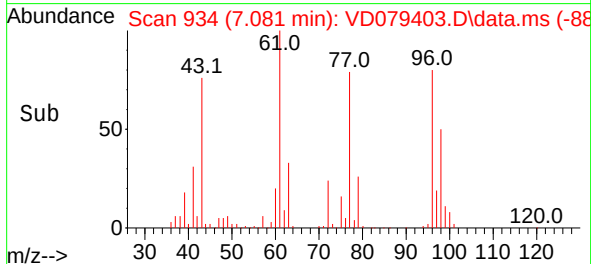
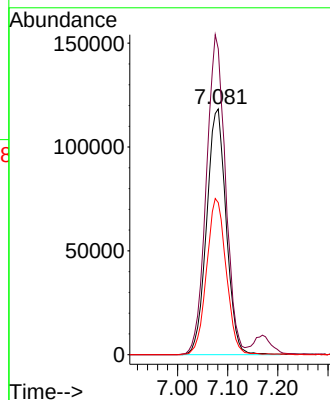
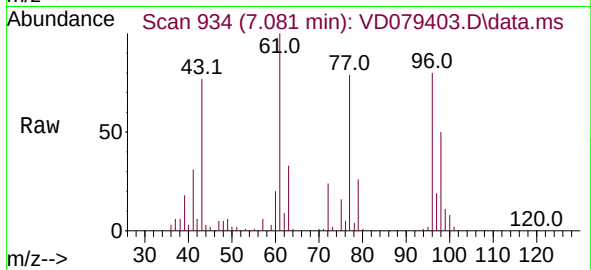




#27
 cis-1,2-Dichloroethene
 Concen: 99.902 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD079403.D
 Acq: 25 Jul 2024 12:35

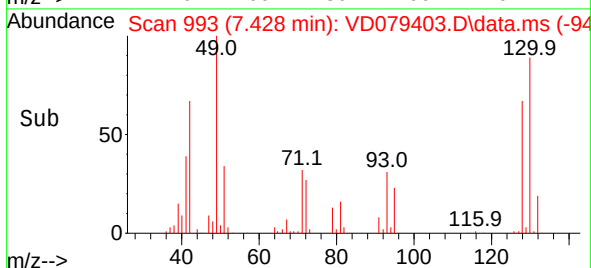
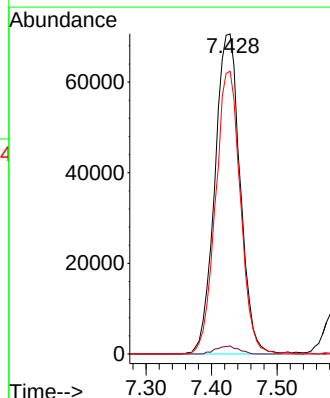
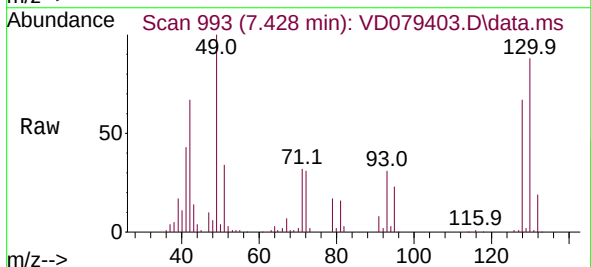
Instrument :
 MSVOA_D
 ClientSampleId :

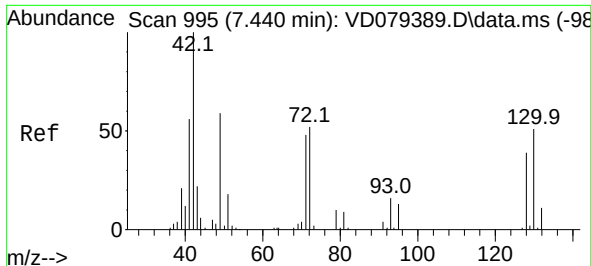
Tgt Ion: 96 Resp: 320244
 Ion Ratio Lower Upper
 96 100
 61 127.8 0.0 229.0
 98 63.6 0.0 127.2



#28
 Bromochloromethane
 Concen: 97.138 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD079403.D
 Acq: 25 Jul 2024 12:35

Tgt Ion: 49 Resp: 188944
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 7.0
 130 86.5 87.7 131.5#

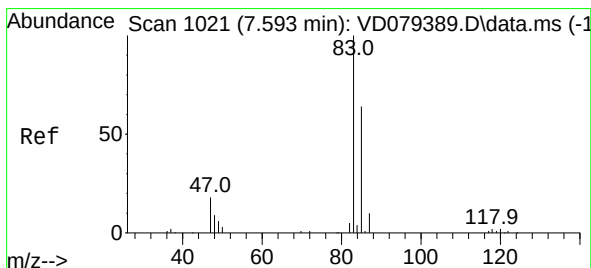
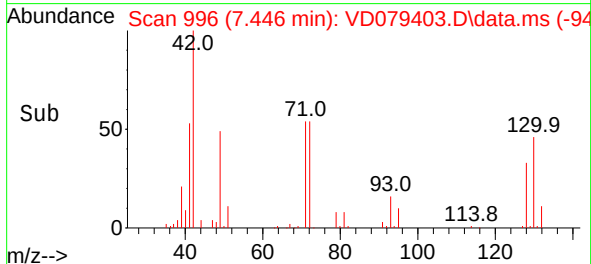
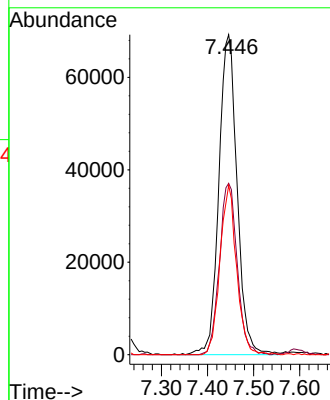
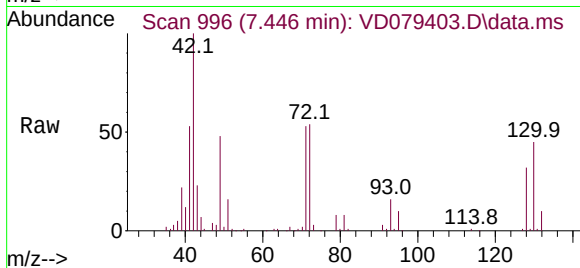




#29
Tetrahydrofuran
Concen: 512.737 ug/l
RT: 7.446 min Scan# 995
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

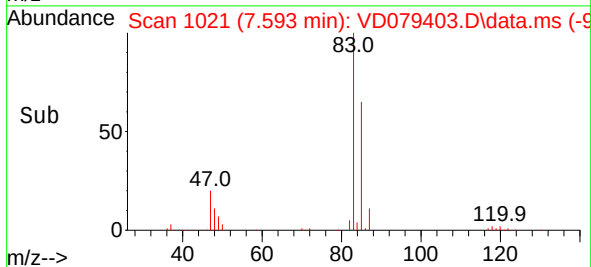
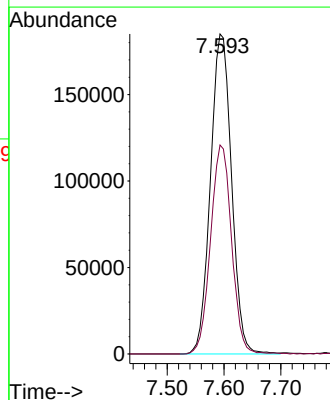
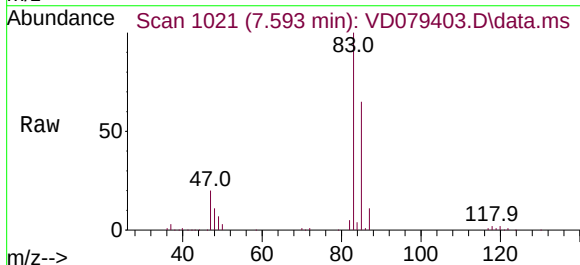
Instrument :
MSVOA_D
ClientSampleId :

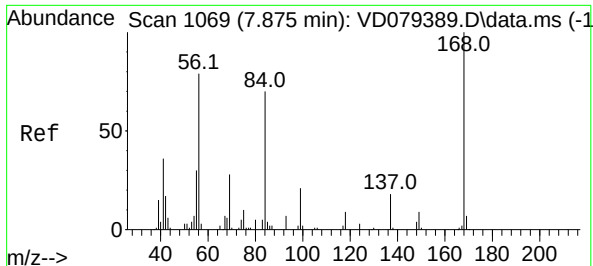
Tgt Ion: 42 Resp: 189739
Ion Ratio Lower Upper
42 100
72 52.2 49.4 74.0
71 48.2 45.0 67.6



#30
Chloroform
Concen: 92.173 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 83 Resp: 476400
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.6





#31

Cyclohexane

Concen: 96.825 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

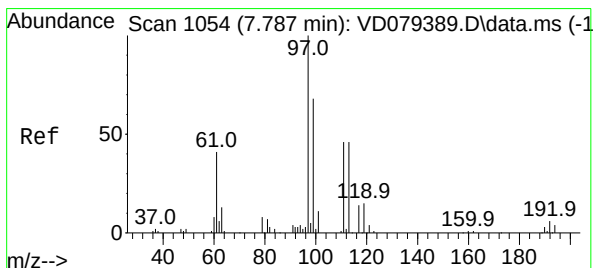
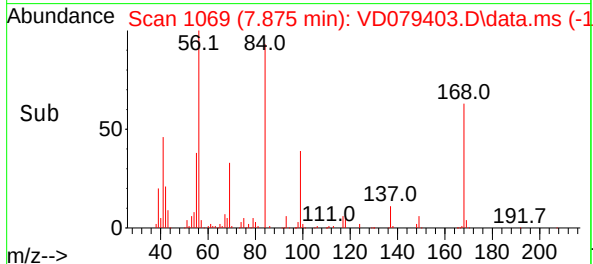
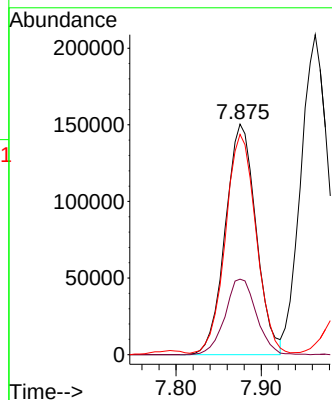
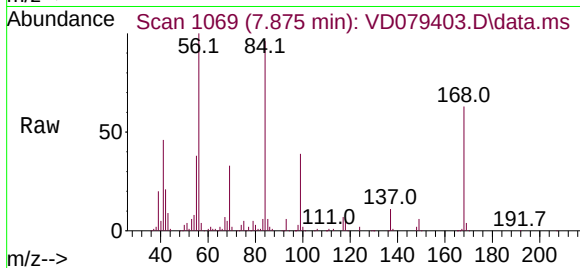
Tgt Ion: 56 Resp: 377897

Ion Ratio Lower Upper

56 100

69 32.8 28.0 42.0

84 94.1 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 93.225 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

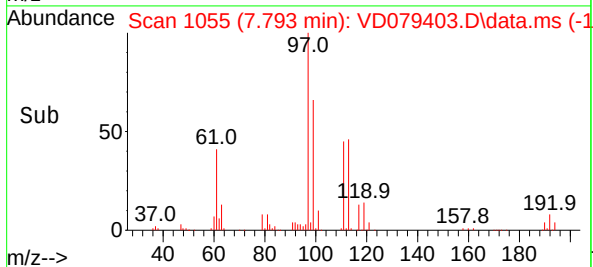
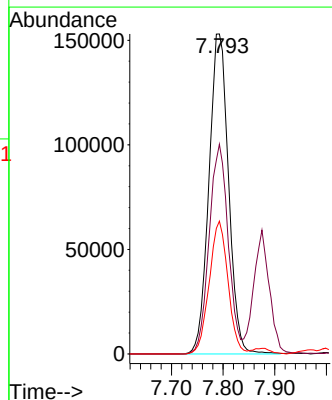
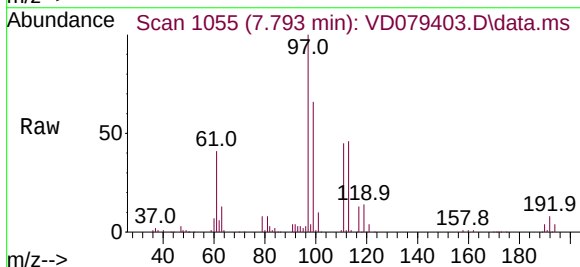
Tgt Ion: 97 Resp: 402997

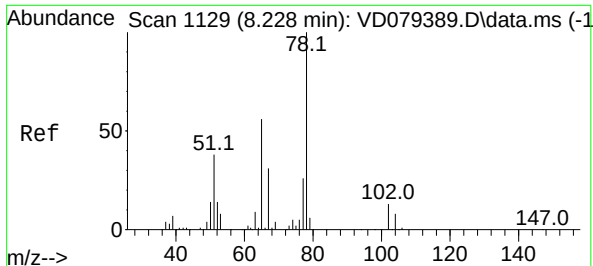
Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

61 39.8 31.4 47.2

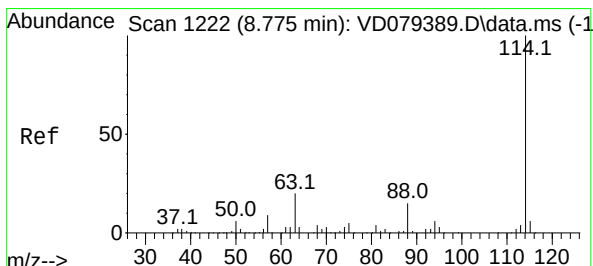
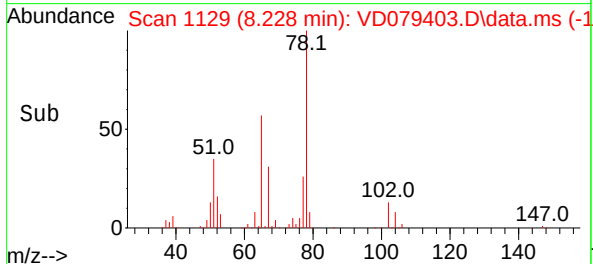
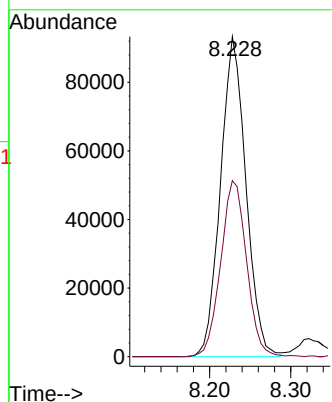
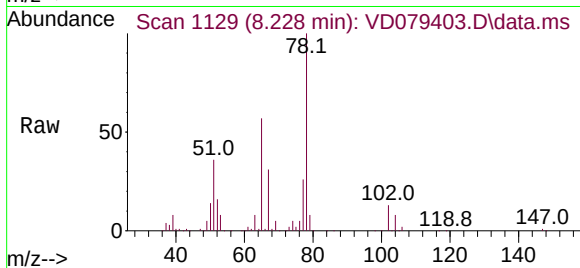




#33
1,2-Dichloroethane-d4
Concen: 93.134 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

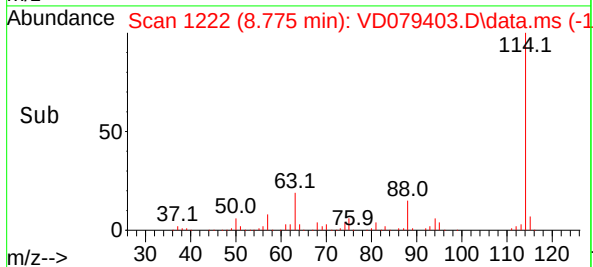
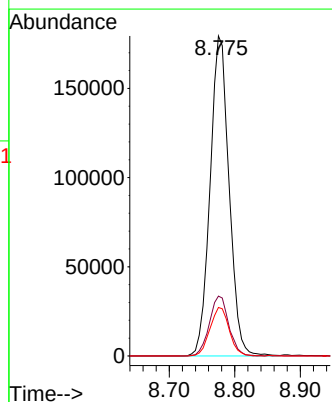
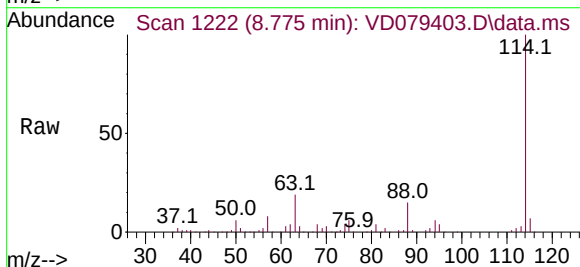
Instrument :
MSVOA_D
ClientSampleId :

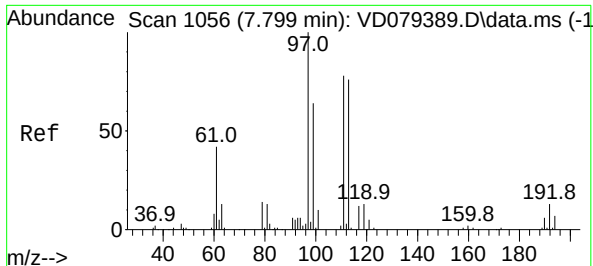
Tgt Ion: 65 Resp: 203226
Ion Ratio Lower Upper
65 100
67 56.0 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion:114 Resp: 360691
Ion Ratio Lower Upper
114 100
63 18.7 0.0 34.0
88 15.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 96.446 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

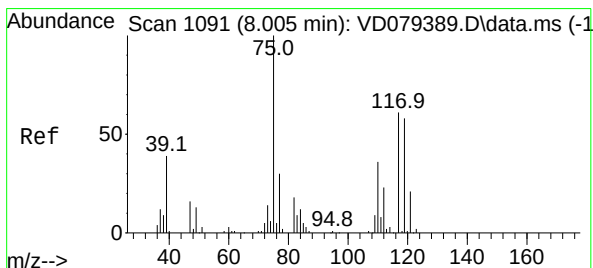
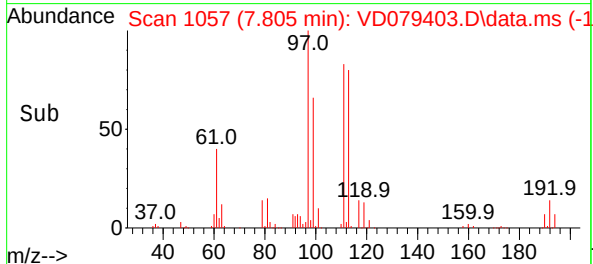
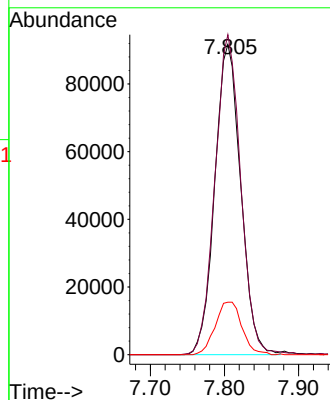
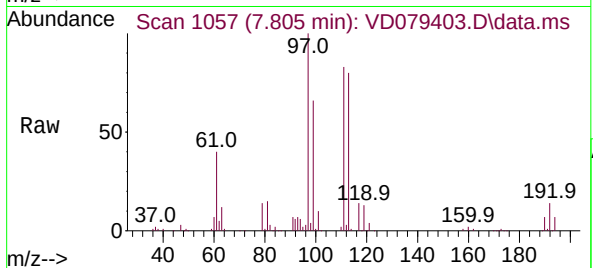
Tgt Ion:113 Resp: 222511

Ion Ratio Lower Upper

113 100

111 102.8 84.0 126.0

192 17.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 103.038 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

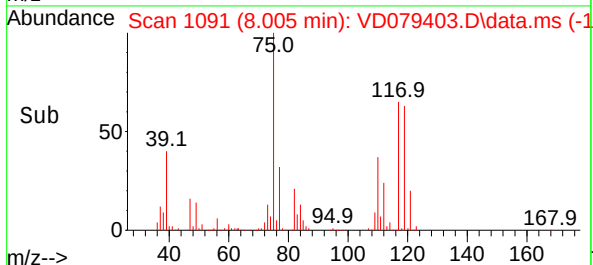
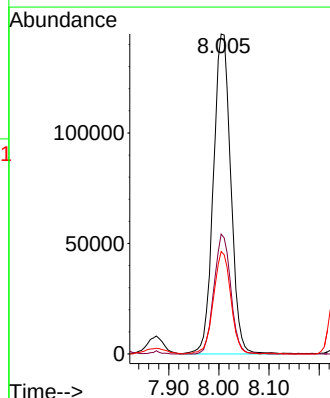
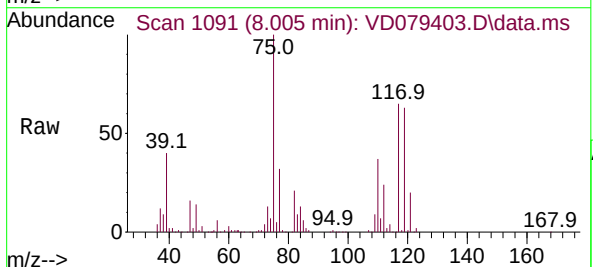
Tgt Ion: 75 Resp: 349784

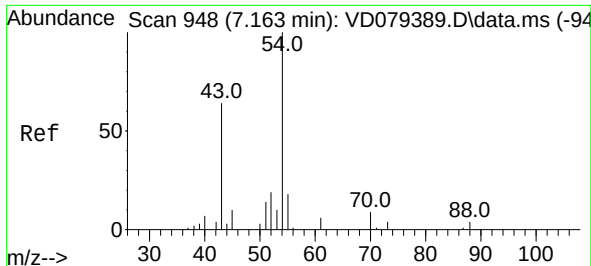
Ion Ratio Lower Upper

75 100

110 36.0 19.6 58.7

77 31.8 26.1 39.1





#37

Ethyl Acetate

Concen: 109.402 ug/l

RT: 7.169 min Scan# 948

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

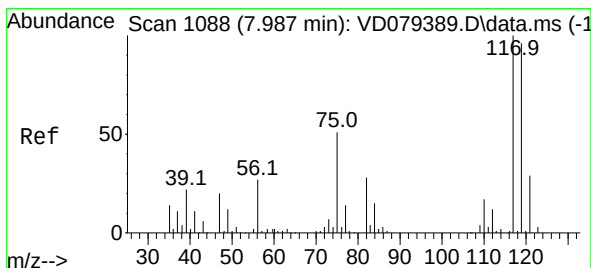
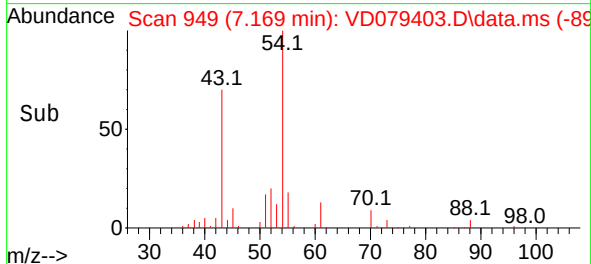
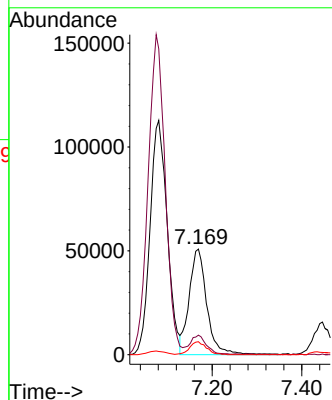
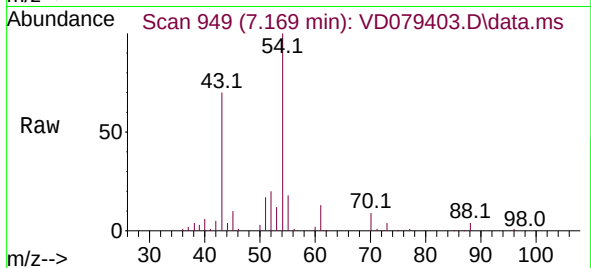
Tgt Ion: 43 Resp: 139075

Ion Ratio Lower Upper

43 100

61 16.0 13.9 20.9

70 11.6 9.8 14.6



#38

Carbon Tetrachloride

Concen: 96.318 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

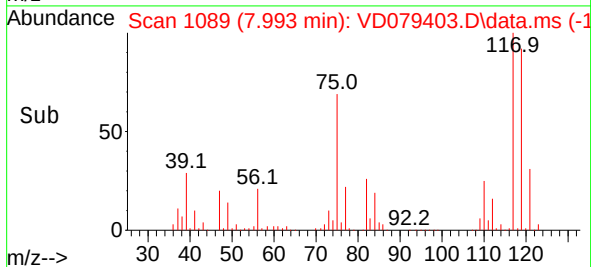
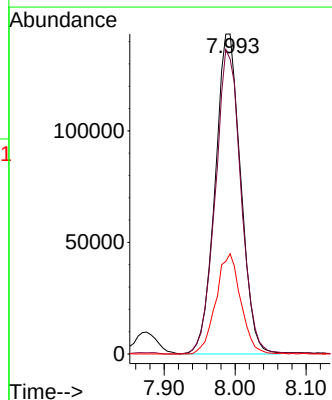
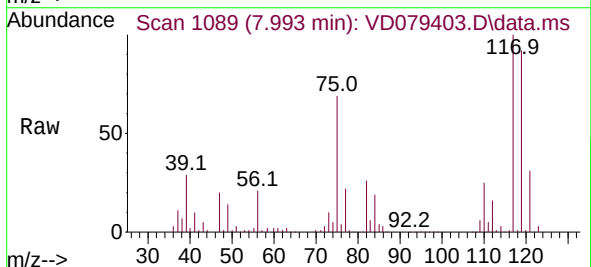
Tgt Ion: 117 Resp: 358044

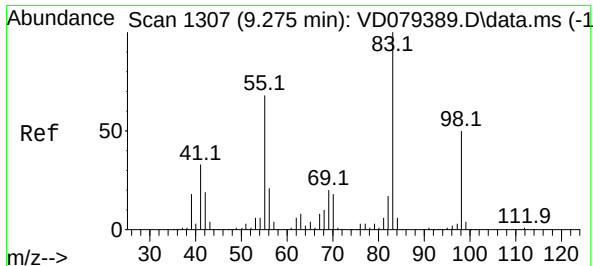
Ion Ratio Lower Upper

117 100

119 92.1 75.4 113.0

121 31.3 25.0 37.4





#39

Methylcyclohexane

Concen: 109.552 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

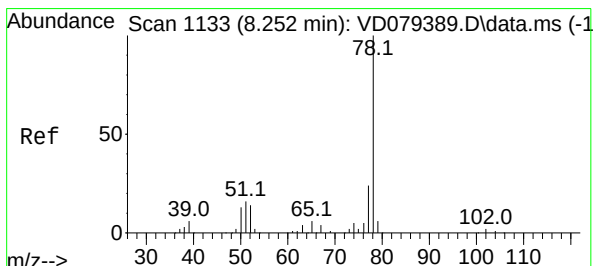
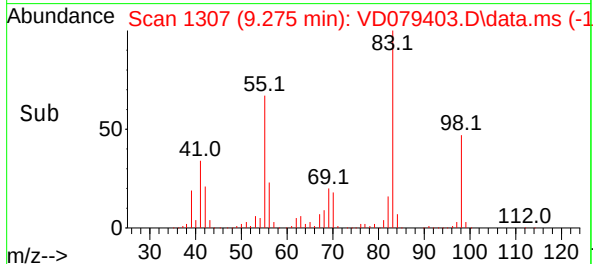
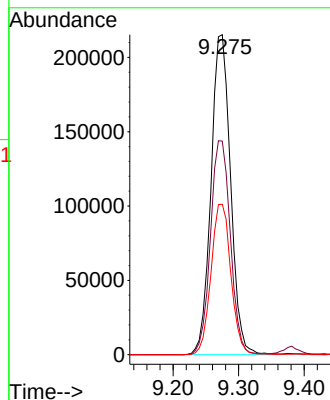
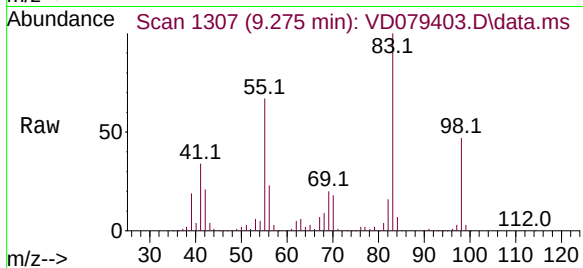
Tgt Ion: 83 Resp: 445900

Ion Ratio Lower Upper

83 100

55 66.7 50.1 75.1

98 47.0 41.9 62.9



#40

Benzene

Concen: 100.469 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD079403.D

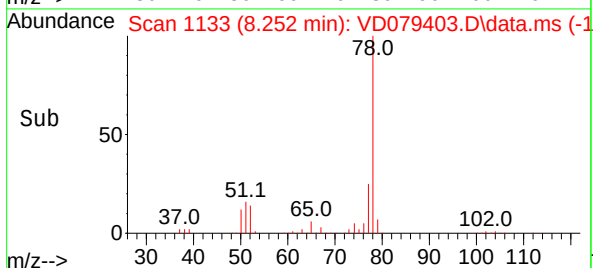
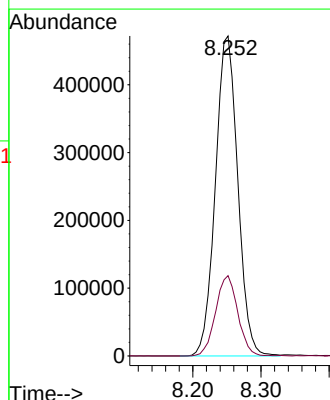
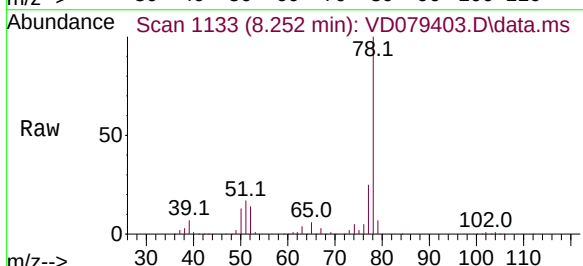
Acq: 25 Jul 2024 12:35

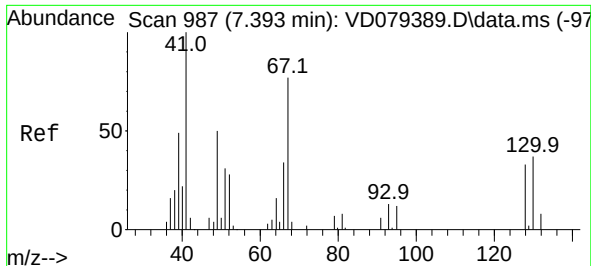
Tgt Ion: 78 Resp: 1078493

Ion Ratio Lower Upper

78 100

77 25.1 18.1 27.1

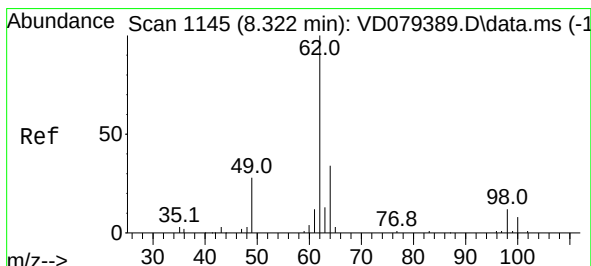
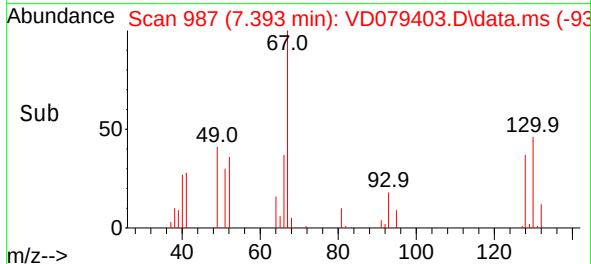
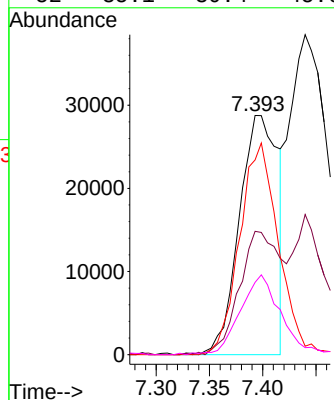
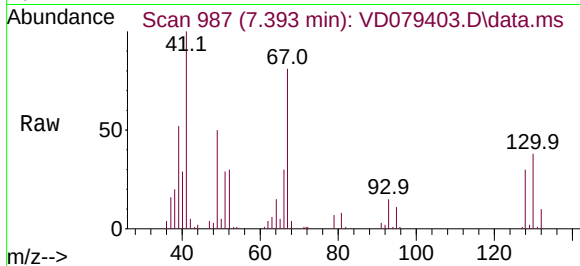




#41
Methacrylonitrile
Concen: 104.179 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

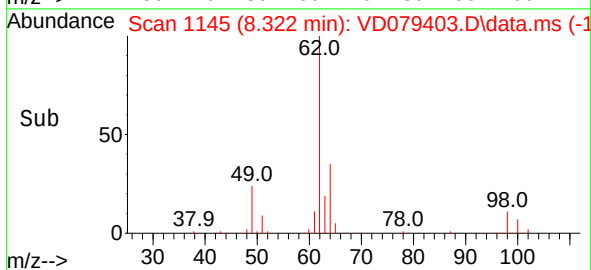
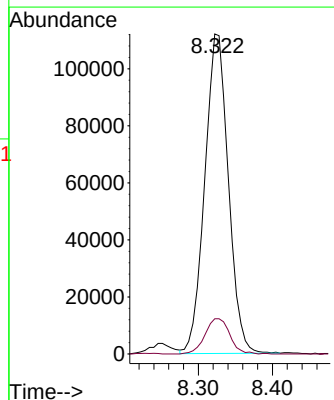
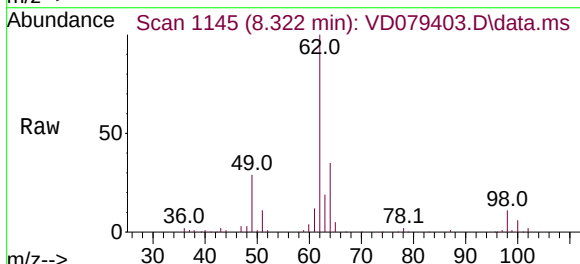
Instrument :
MSVOA_D
ClientSampleId :

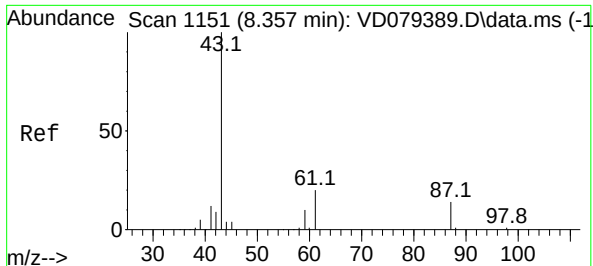
Tgt Ion: 41	Resp: 72761
Ion Ratio	Lower Upper
41 100	
39 56.1	41.4 62.0
67 89.1	85.8 128.6
52 35.1	30.4 45.6



#42
1,2-Dichloroethane
Concen: 95.332 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 62	Resp: 248035
Ion Ratio	Lower Upper
62 100	
98 11.6	0.0 25.8





#43

Isopropyl Acetate

Concen: 102.839 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

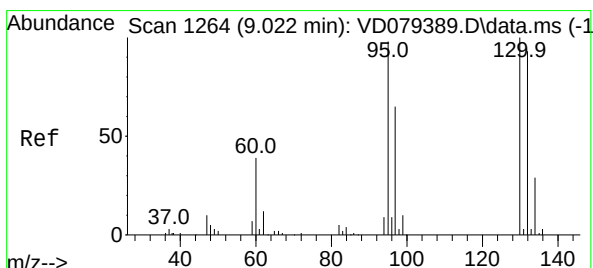
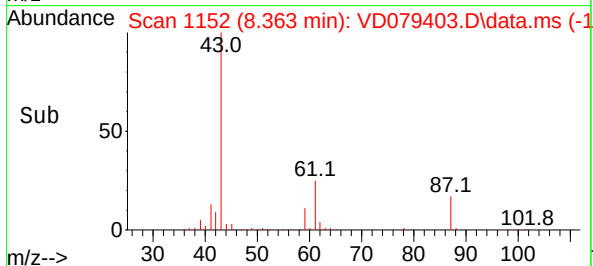
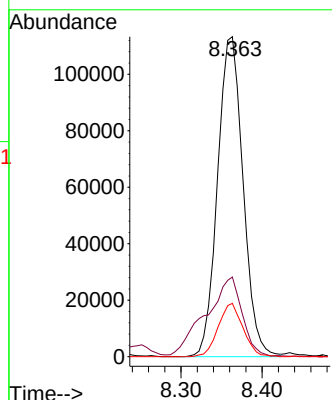
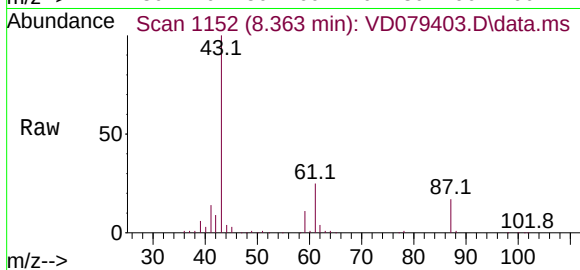
Tgt Ion: 43 Resp: 247861

Ion Ratio Lower Upper

43 100

61 35.8 29.3 43.9

87 16.1 14.9 22.3



#44

Trichloroethene

Concen: 99.502 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079403.D

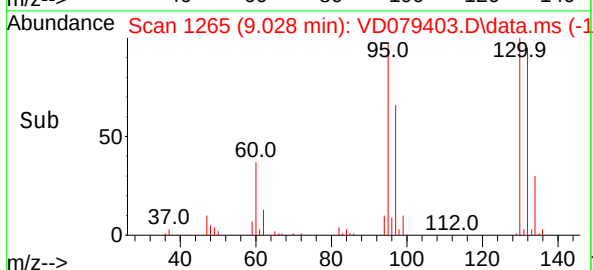
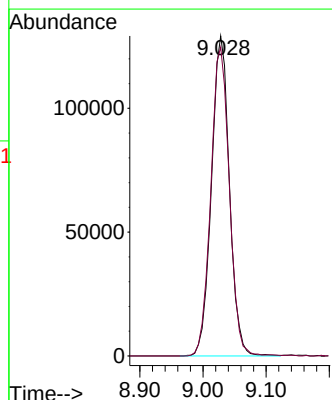
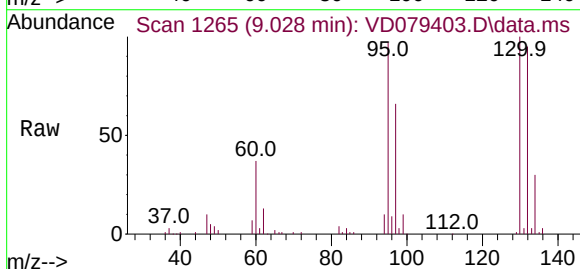
Acq: 25 Jul 2024 12:35

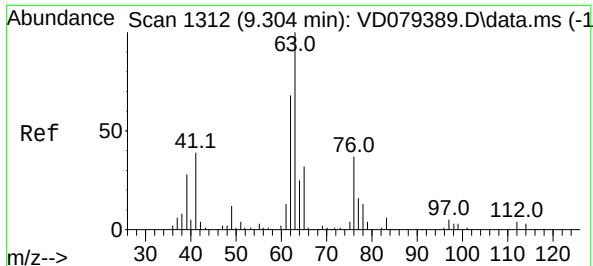
Tgt Ion:130 Resp: 255061

Ion Ratio Lower Upper

130 100

95 96.5 0.0 177.8

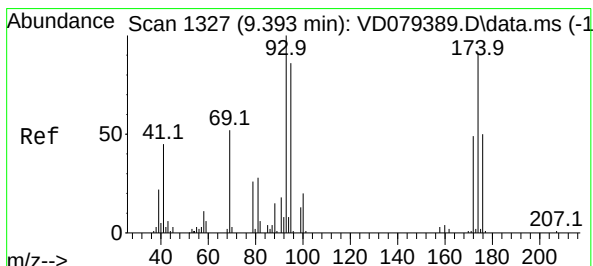
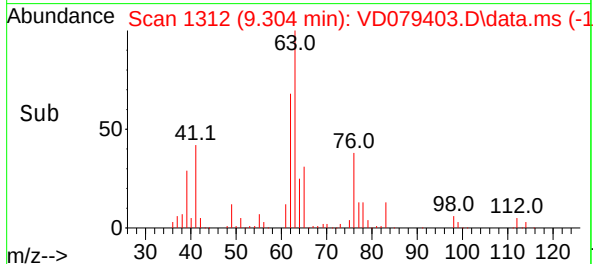
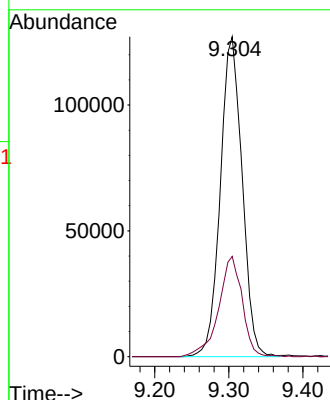
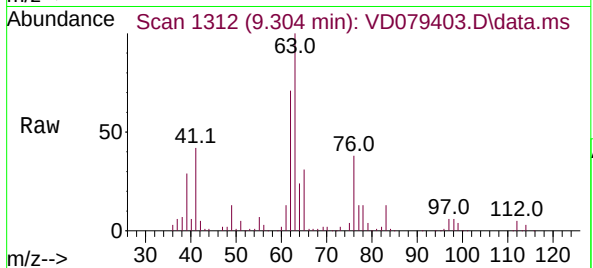




#45
1,2-Dichloropropane
Concen: 100.272 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

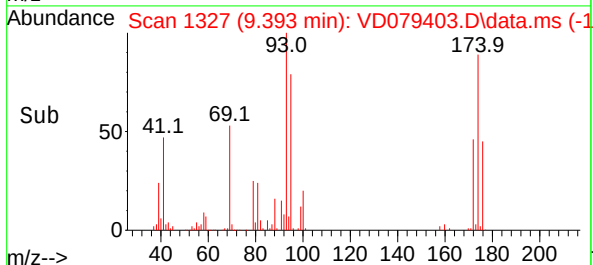
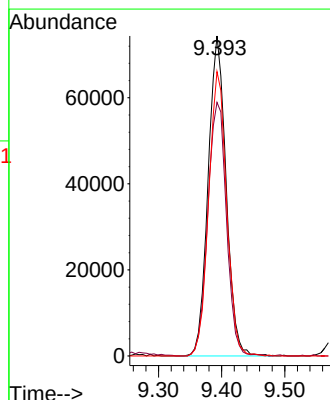
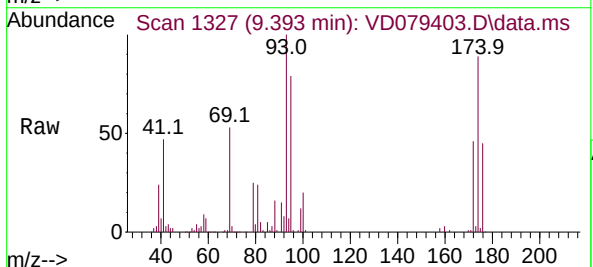
Instrument :
MSVOA_D
ClientSampleId :

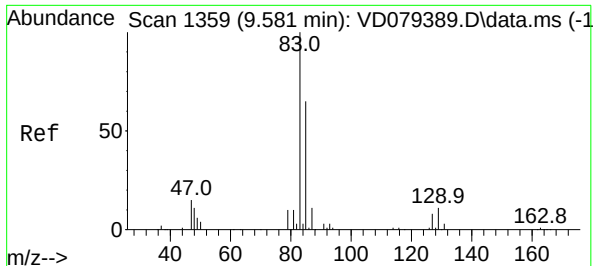
Tgt Ion: 63 Resp: 259843
Ion Ratio Lower Upper
63 100
65 31.4 23.8 35.8



#46
Dibromomethane
Concen: 96.517 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 93 Resp: 146932
Ion Ratio Lower Upper
93 100
95 82.4 65.6 98.4
174 88.8 82.3 123.5





#47

Bromodichloromethane

Concen: 98.158 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

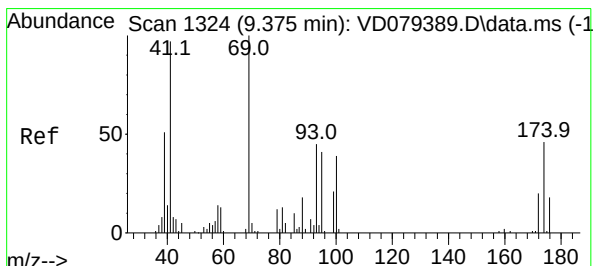
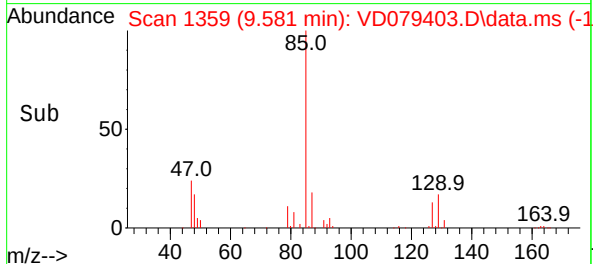
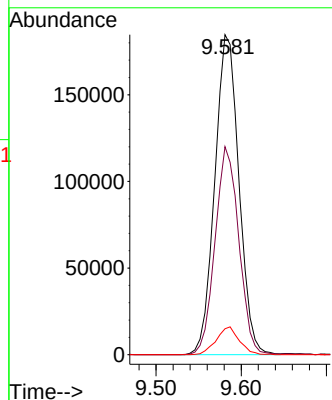
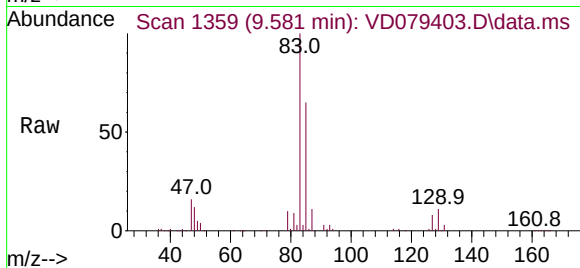
Tgt Ion: 83 Resp: 363308

Ion Ratio Lower Upper

83 100

85 65.0 50.1 75.1

127 8.1 6.8 10.2



#48

Methyl methacrylate

Concen: 105.588 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

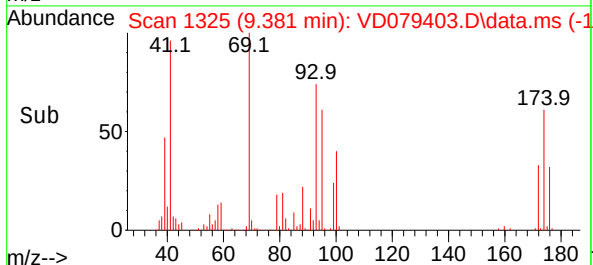
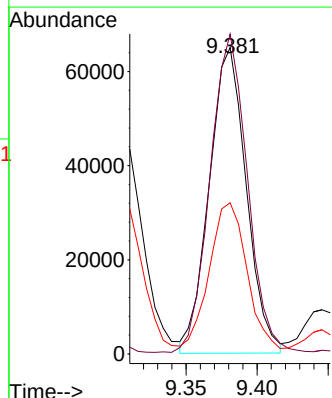
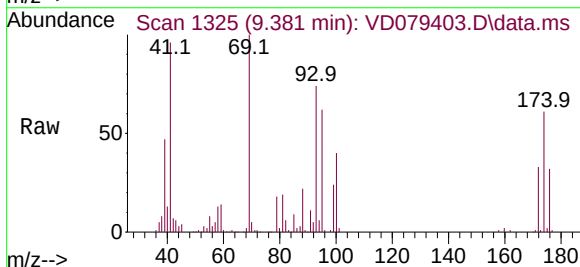
Tgt Ion: 41 Resp: 117849

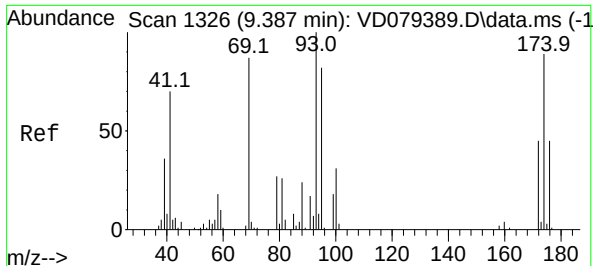
Ion Ratio Lower Upper

41 100

69 104.8 96.7 145.1

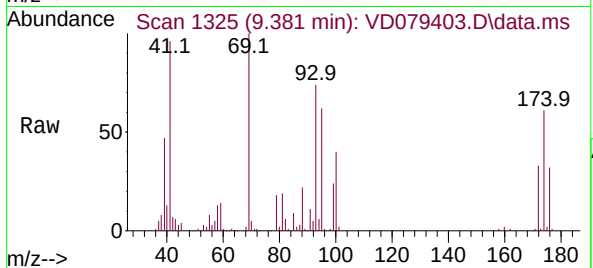
39 51.1 43.8 65.6



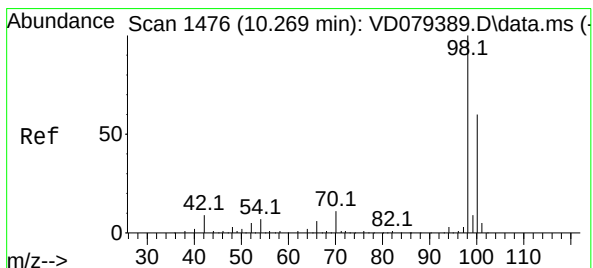
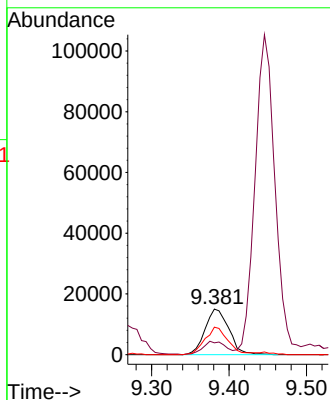
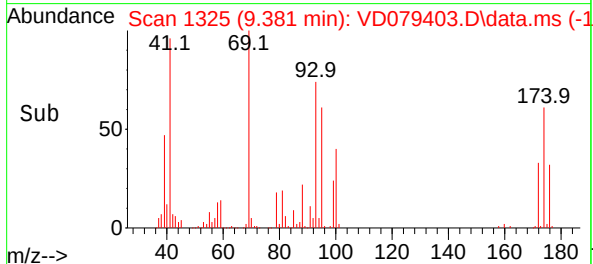


#49
1,4-Dioxane
Concen: 2272.035 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Instrument :
MSVOA_D
ClientSampleId :

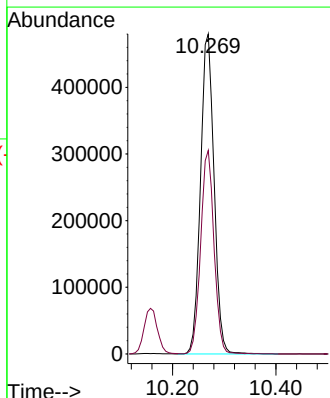
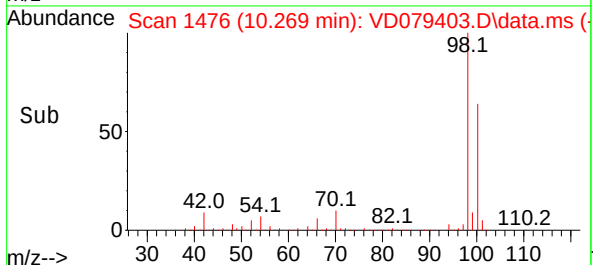
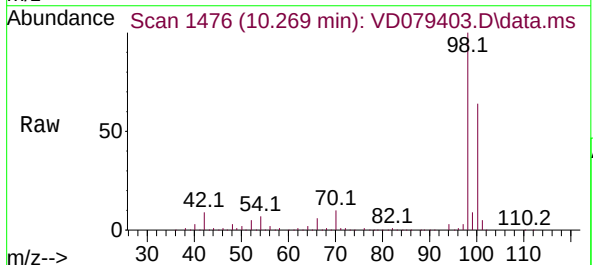


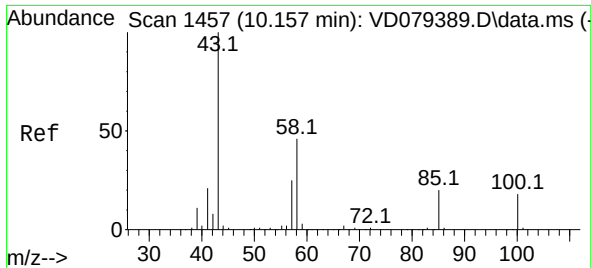
Tgt Ion: 88 Resp: 32174
Ion Ratio Lower Upper
88 100
43 27.8 21.5 32.3
58 58.7 42.2 63.4



#50
Toluene-d8
Concen: 100.997 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 98 Resp: 871517
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4

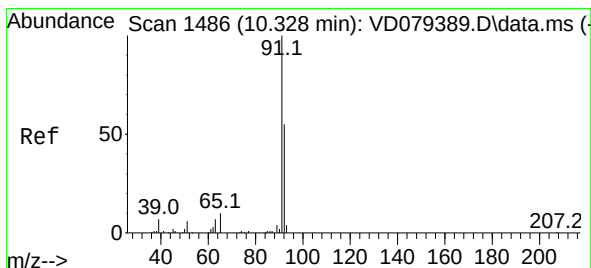
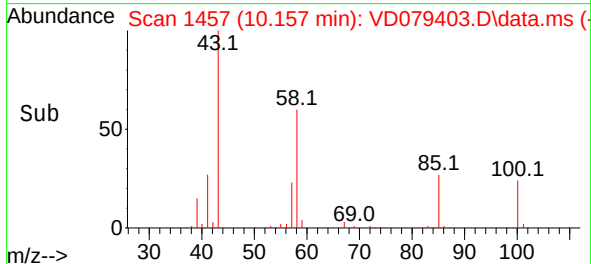
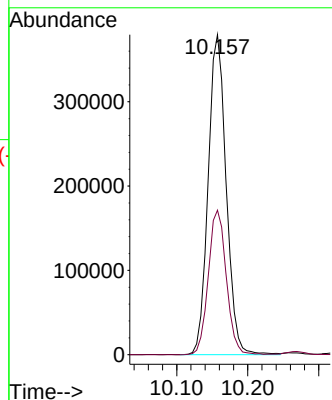
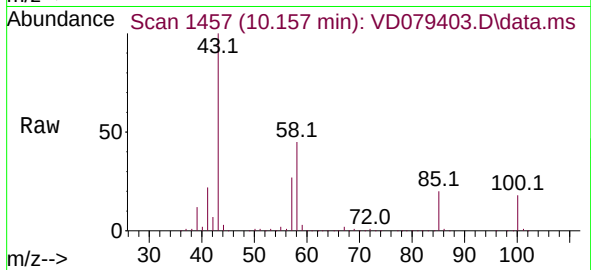




#51
4-Methyl-2-Pentanone
Concen: 521.890 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

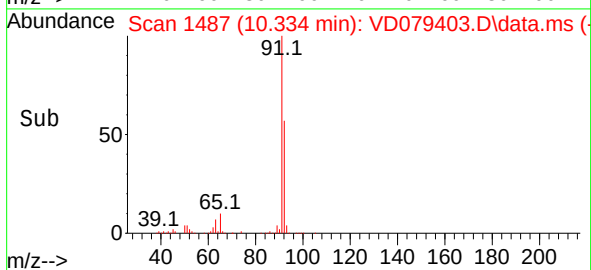
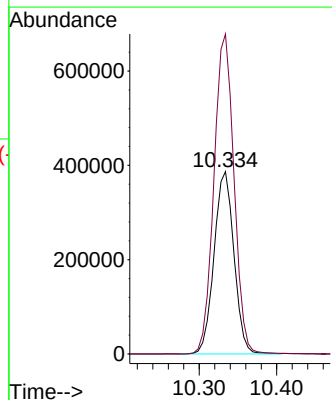
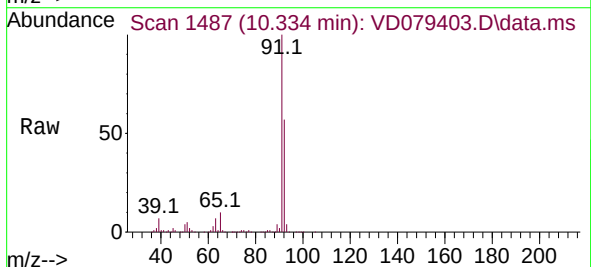
Instrument :
MSVOA_D
ClientSampleId :

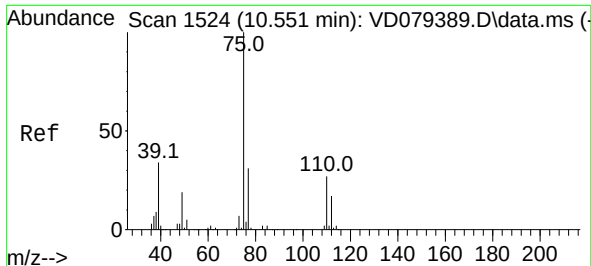
Tgt Ion: 43 Resp: 669997
Ion Ratio Lower Upper
43 100
58 45.1 36.6 55.0



#52
Toluene
Concen: 104.682 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 92 Resp: 689140
Ion Ratio Lower Upper
92 100
91 177.1 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 102.356 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

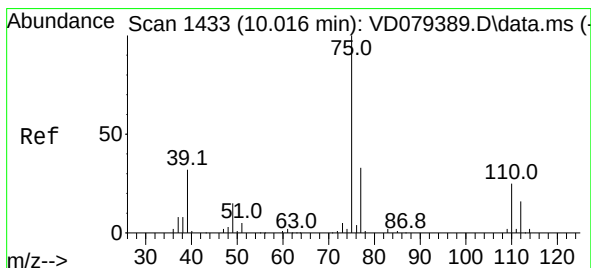
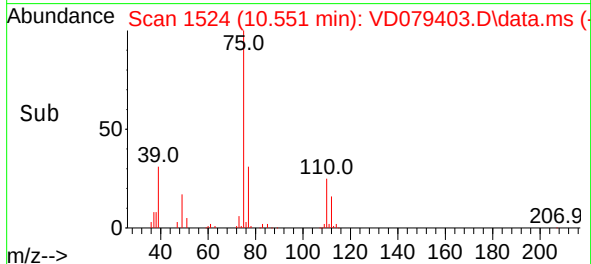
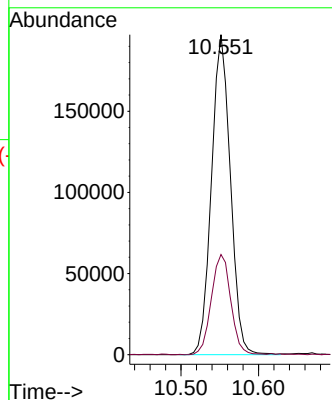
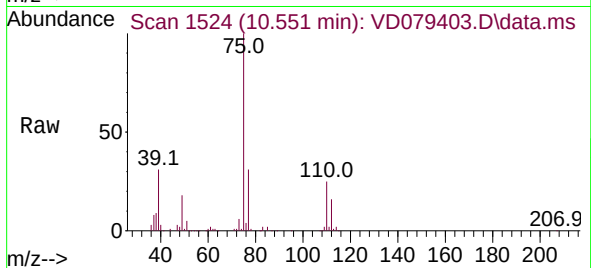
ClientSampleId :

Tgt Ion: 75 Resp: 334442

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 102.861 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

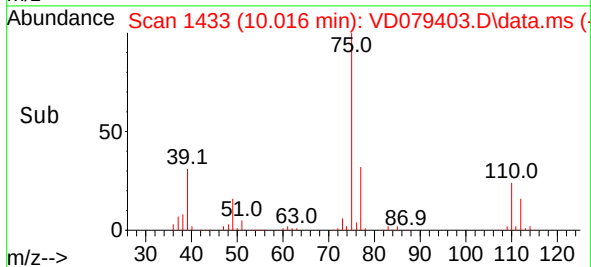
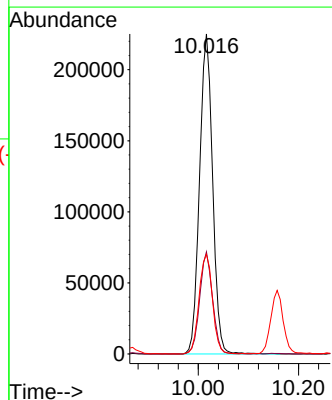
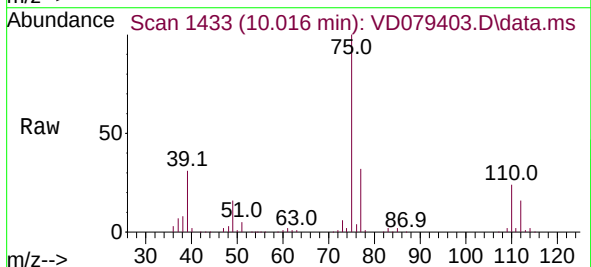
Tgt Ion: 75 Resp: 406499

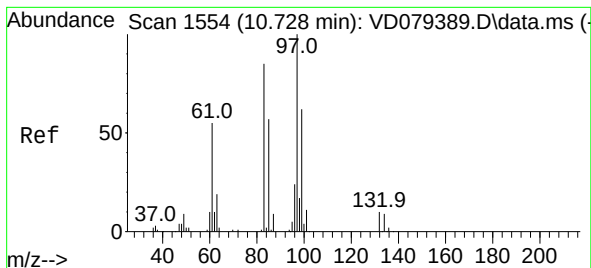
Ion Ratio Lower Upper

75 100

77 31.9 24.4 36.6

39 31.2 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 96.877 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 191963

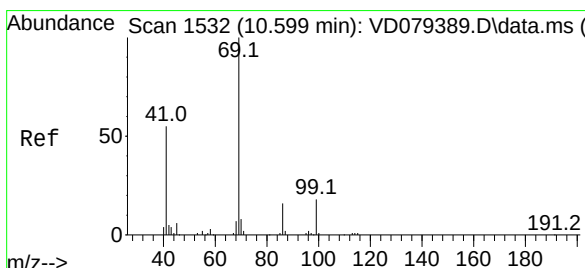
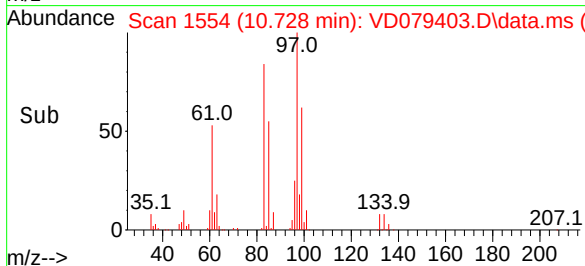
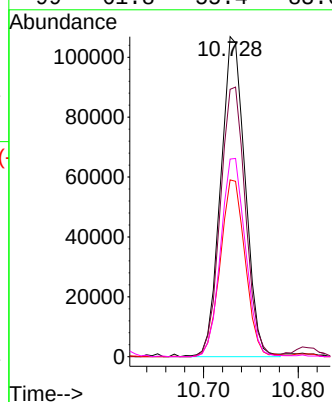
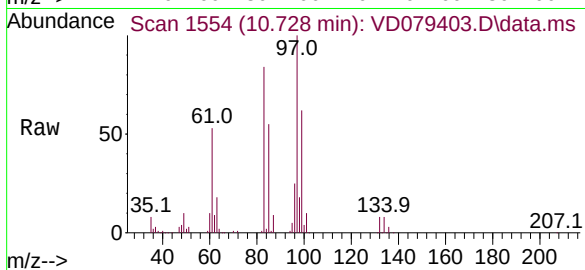
Ion Ratio Lower Upper

97 100

83 83.5 65.8 98.8

85 55.3 43.8 65.8

99 61.8 55.4 83.0



#56

Ethyl methacrylate

Concen: 111.077 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

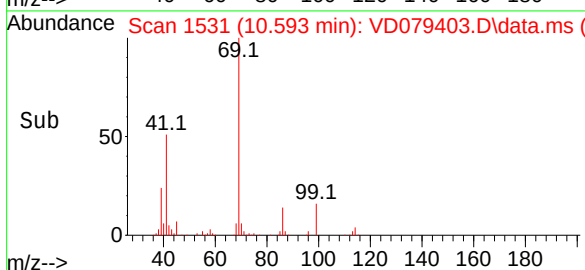
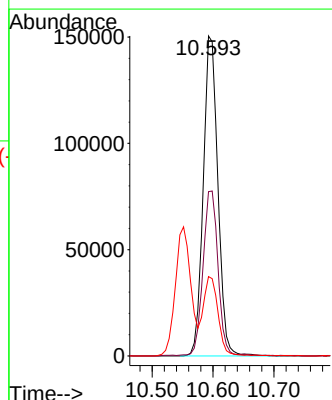
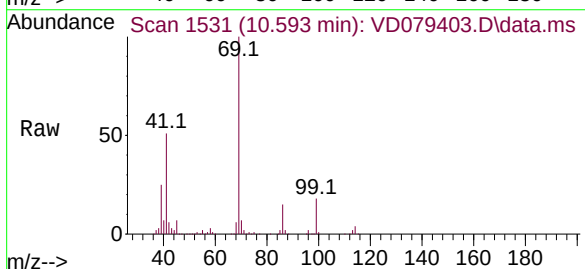
Tgt Ion: 69 Resp: 251508

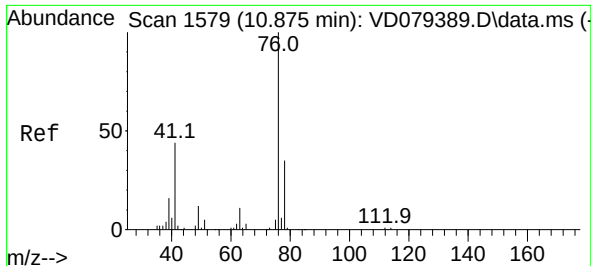
Ion Ratio Lower Upper

69 100

41 53.1 39.8 59.6

39 24.6 20.2 30.4





#57

1,3-Dichloropropane

Concen: 100.169 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min MSVOA_D

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

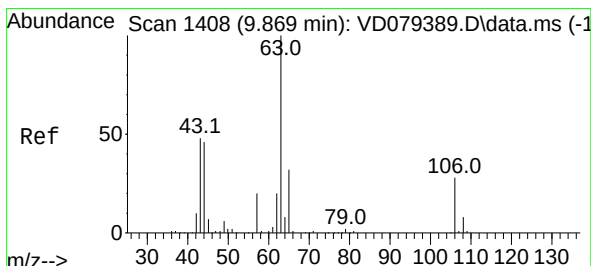
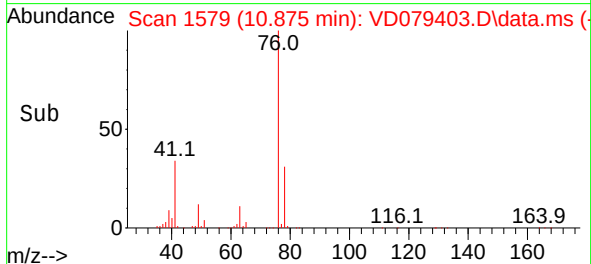
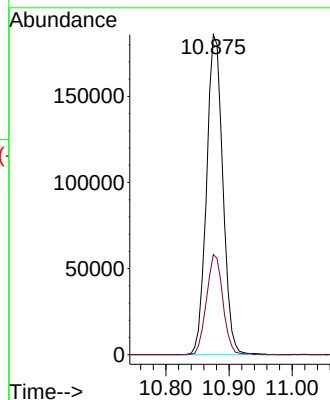
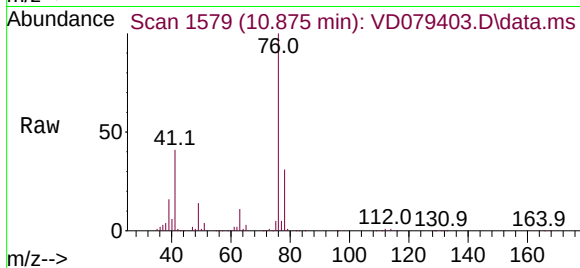
ClientSampleId :

Tgt Ion: 76 Resp: 332717

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 553.941 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079403.D

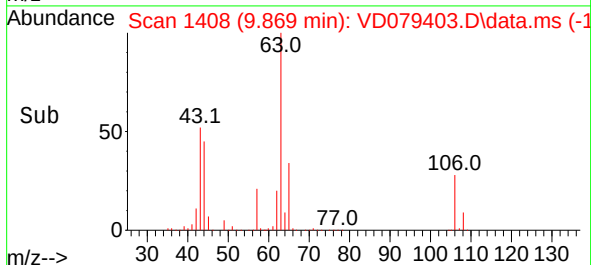
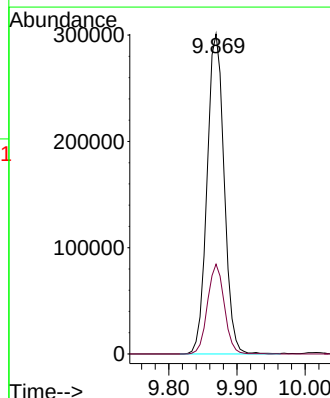
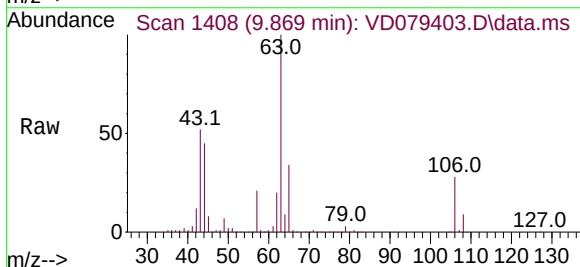
Acq: 25 Jul 2024 12:35

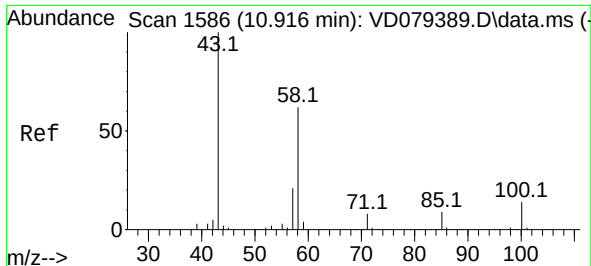
Tgt Ion: 63 Resp: 524526

Ion Ratio Lower Upper

63 100

106 27.5 26.4 39.6





#59

2-Hexanone

Concen: 530.936 ug/l

RT: 10.916 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

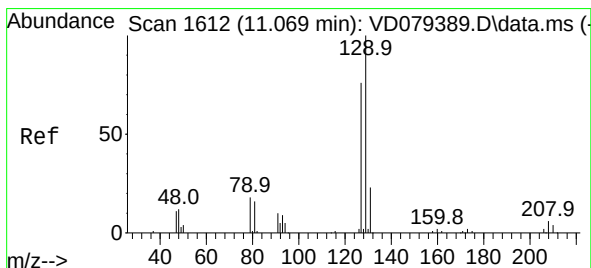
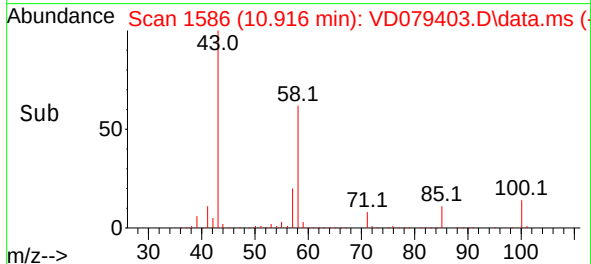
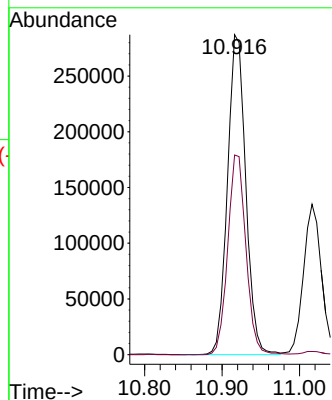
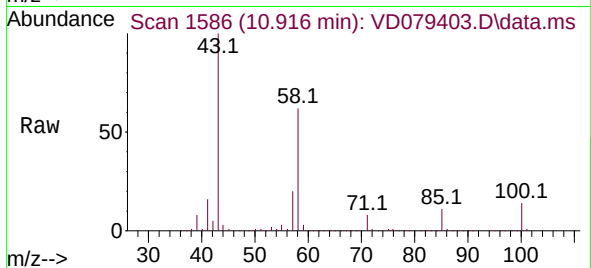
ClientSampleId :

Tgt Ion: 43 Resp: 472303

Ion Ratio Lower Upper

43 100

58 62.2 31.1 93.5



#60

Dibromochloromethane

Concen: 98.316 ug/l

RT: 11.069 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VD079403.D

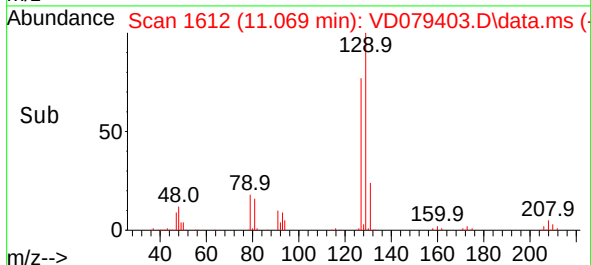
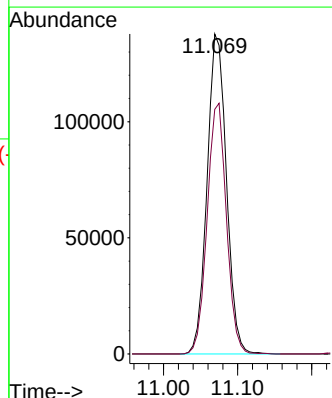
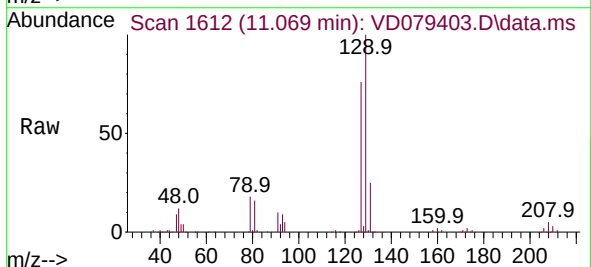
Acq: 25 Jul 2024 12:35

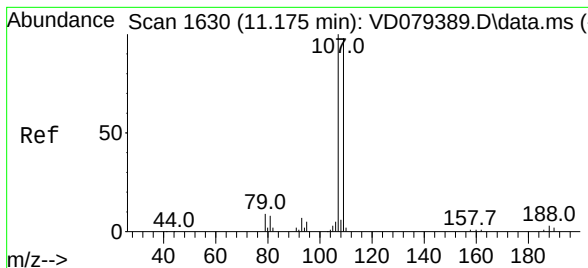
Tgt Ion:129 Resp: 250276

Ion Ratio Lower Upper

129 100

127 78.0 38.0 113.9





#61

1,2-Dibromoethane

Concen: 97.532 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

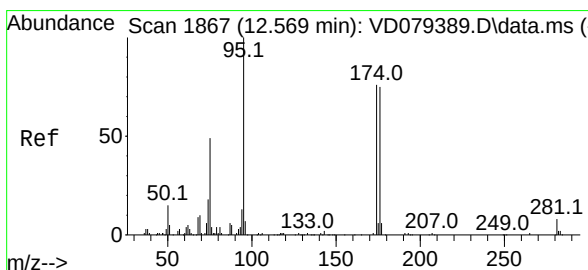
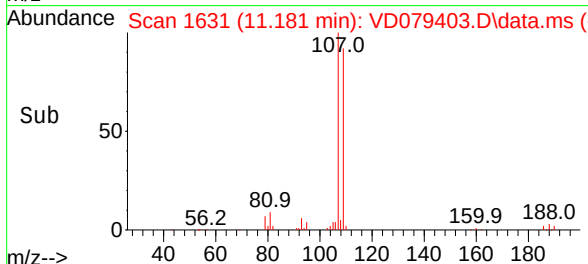
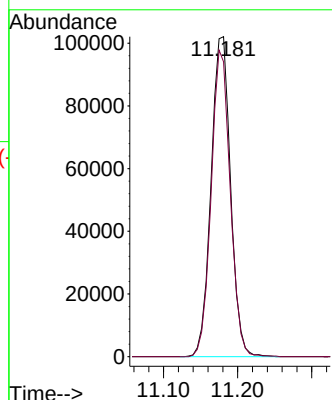
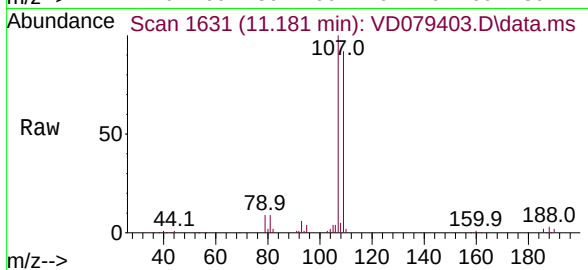
ClientSampleId :

Tgt Ion:107 Resp: 186222

Ion Ratio Lower Upper

107 100

109 93.6 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 103.325 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

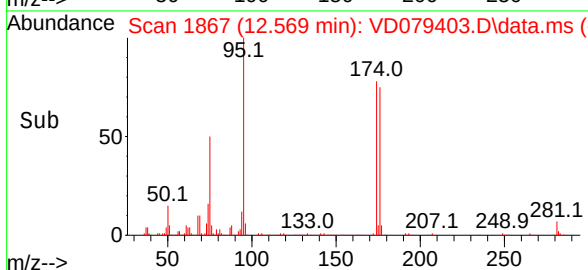
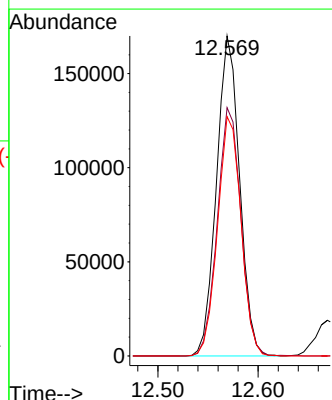
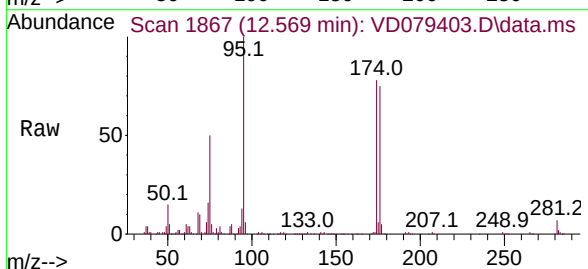
Tgt Ion: 95 Resp: 272046

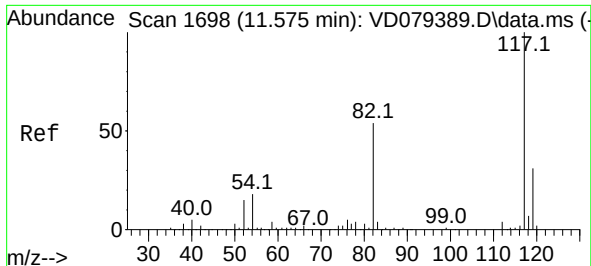
Ion Ratio Lower Upper

95 100

174 79.1 0.0 195.4

176 75.9 0.0 192.6

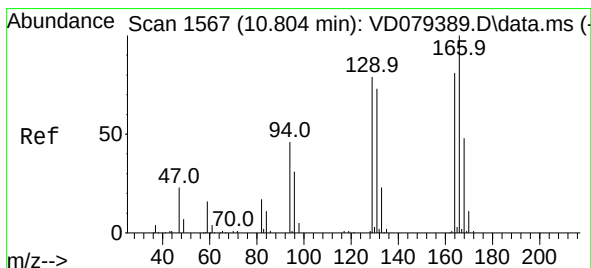
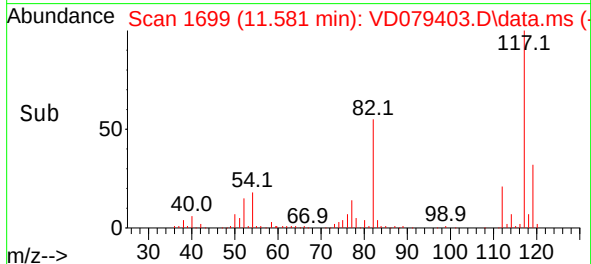
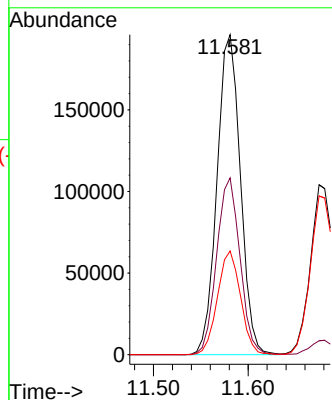
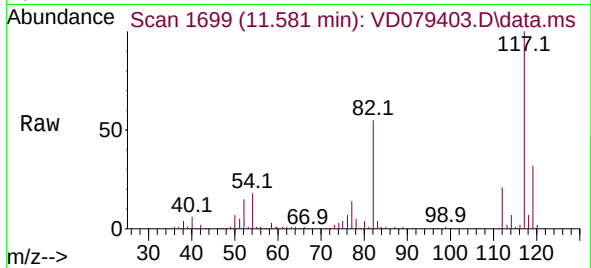




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

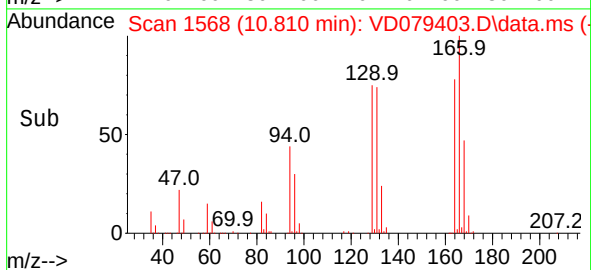
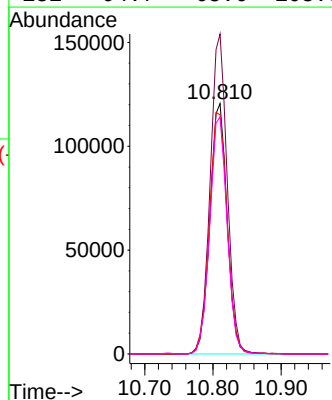
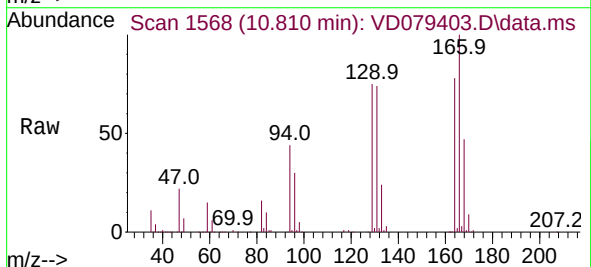
Instrument :
MSVOA_D
ClientSampleId :

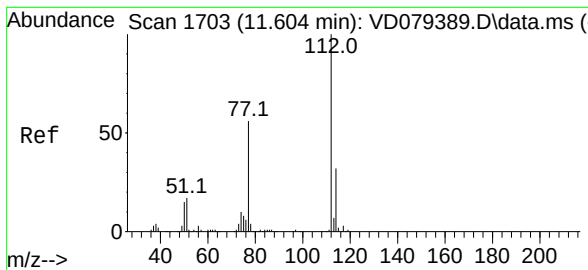
Tgt Ion:117 Resp: 336937
Ion Ratio Lower Upper
117 100
82 55.3 39.8 59.6
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 99.101 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion:164 Resp: 211714
Ion Ratio Lower Upper
164 100
166 127.8 108.6 163.0
129 95.6 74.6 112.0
131 94.7 68.6 103.0

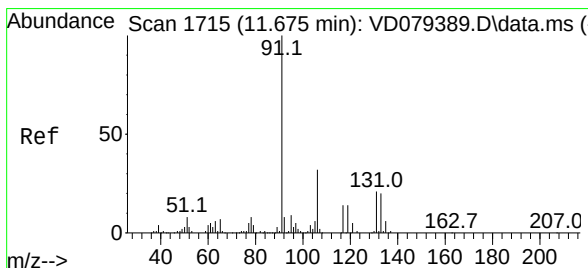
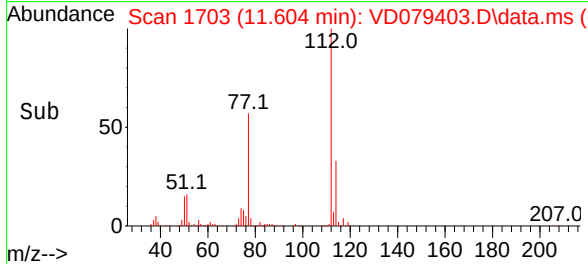
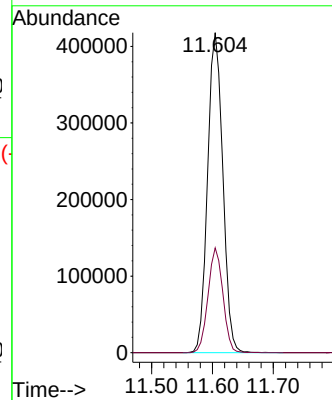
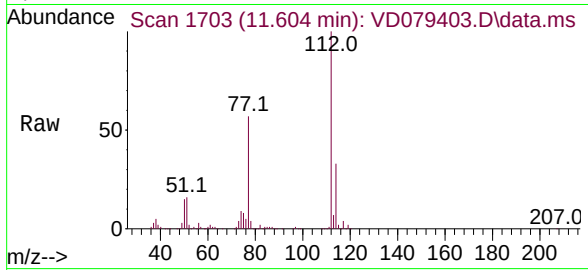




#65
Chlorobenzene
Concen: 99.128 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

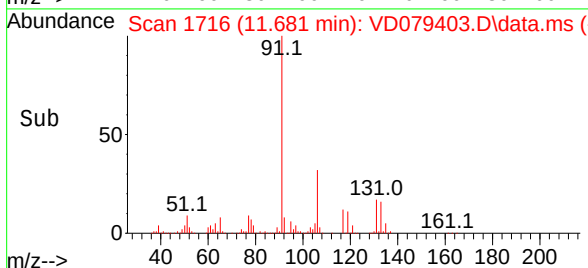
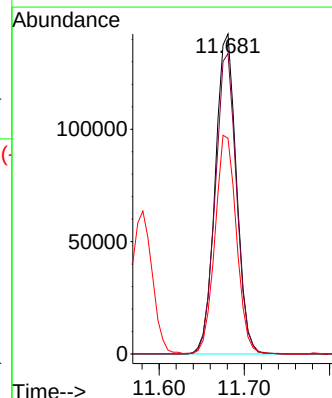
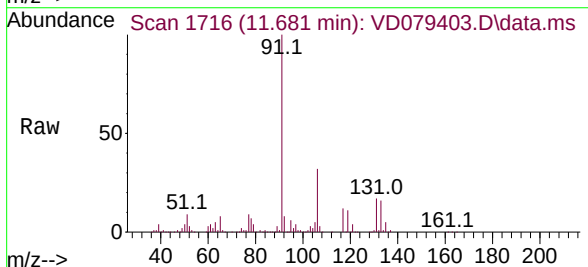
Instrument :
MSVOA_D
ClientSampleId :

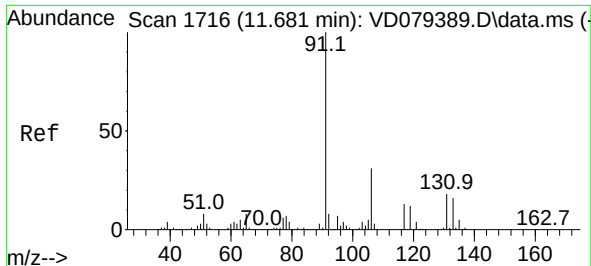
Tgt Ion:112 Resp: 726437
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 96.677 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion:131 Resp: 245802
Ion Ratio Lower Upper
131 100
133 94.4 49.2 147.6
119 69.6 33.4 100.2





#67

Ethyl Benzene

Concen: 108.666 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

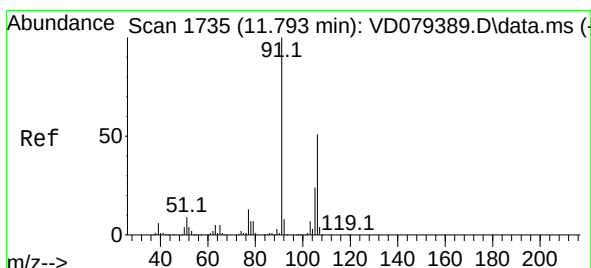
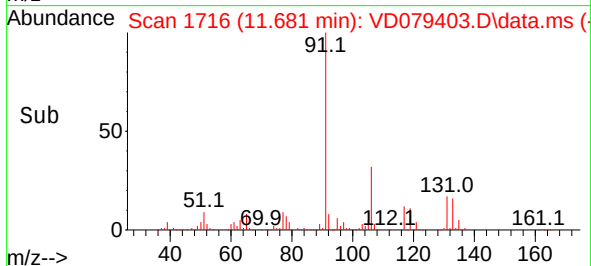
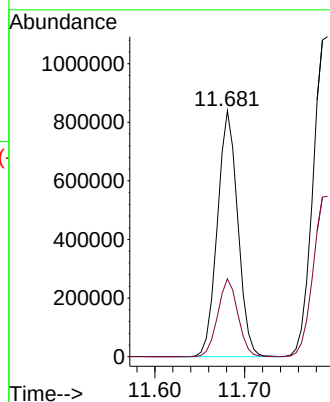
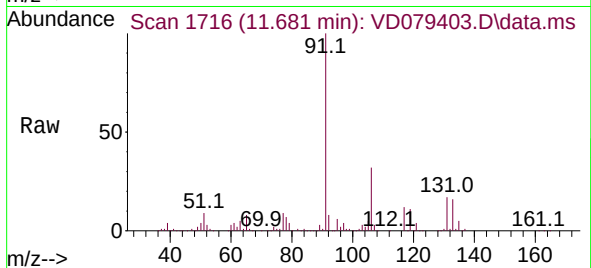
ClientSampleId :

Tgt Ion: 91 Resp: 1322916

Ion Ratio Lower Upper

91 100

106 31.7 25.8 38.6



#68

m/p-Xylenes

Concen: 215.555 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079403.D

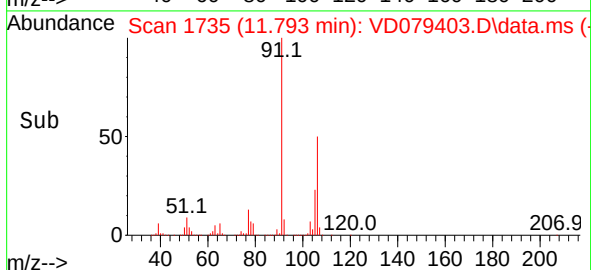
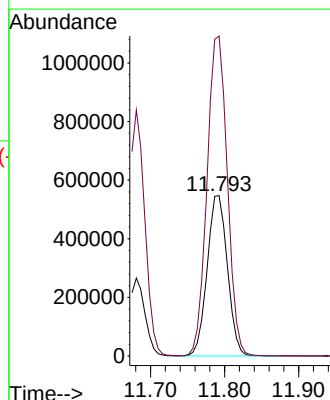
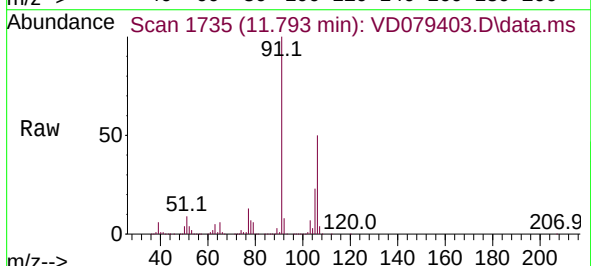
Acq: 25 Jul 2024 12:35

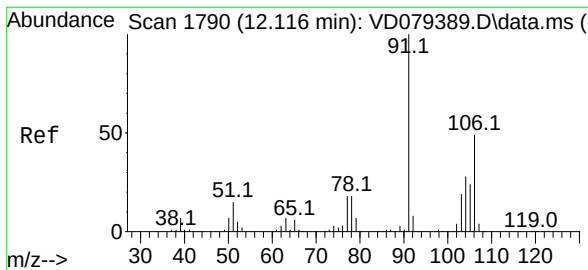
Tgt Ion:106 Resp: 1036471

Ion Ratio Lower Upper

106 100

91 200.3 148.5 222.7

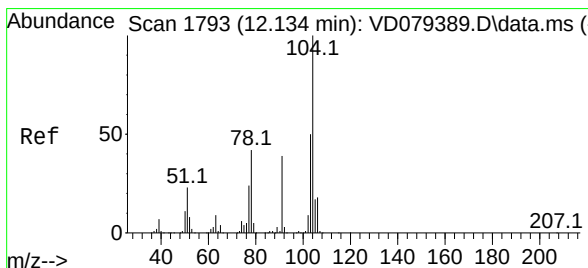
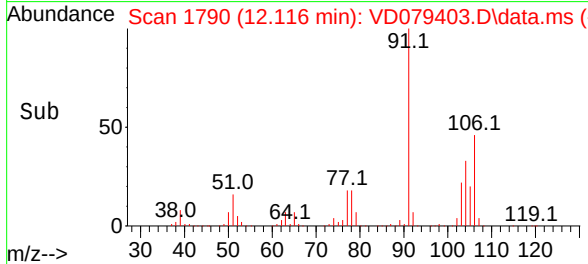
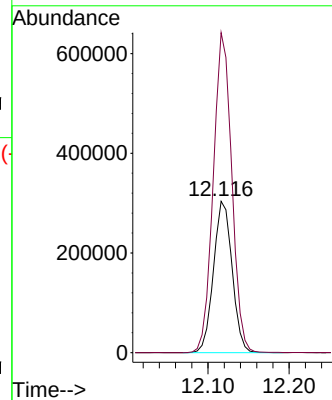
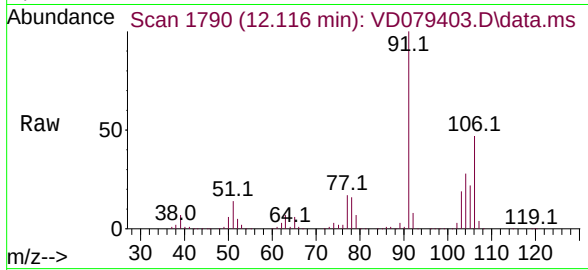




#69
o-Xylene
Concen: 112.263 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

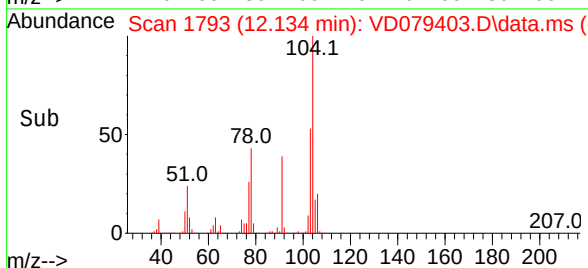
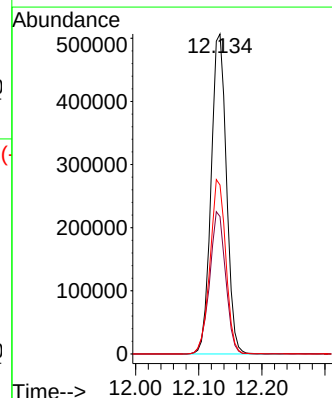
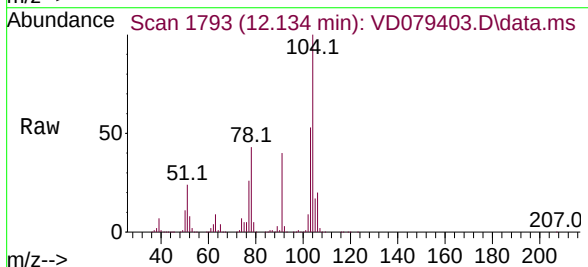
Instrument :
MSVOA_D
ClientSampleId :

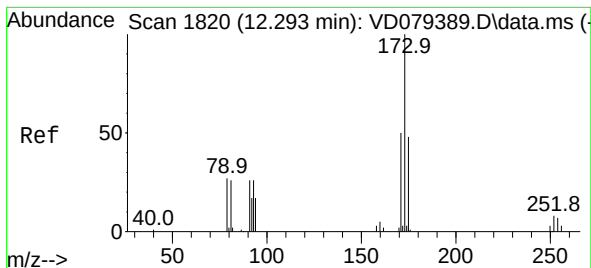
Tgt Ion:106 Resp: 484311
Ion Ratio Lower Upper
106 100
91 210.1 96.7 290.1



#70
Styrene
Concen: 111.761 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion:104 Resp: 854899
Ion Ratio Lower Upper
104 100
78 46.3 33.0 49.6
103 56.1 44.2 66.4





#71

Bromoform

Concen: 98.143 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

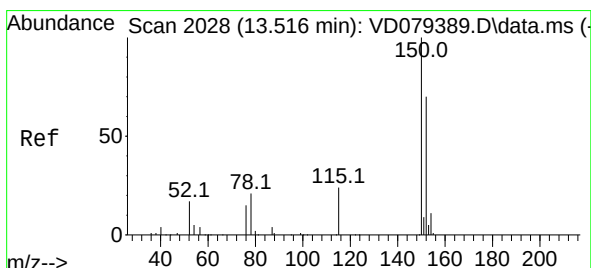
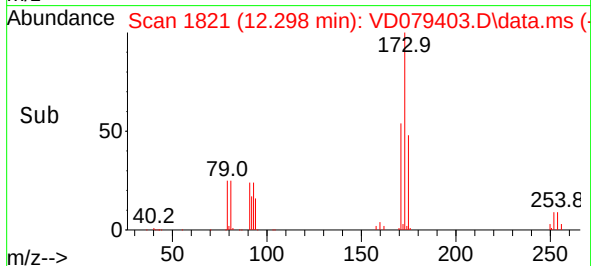
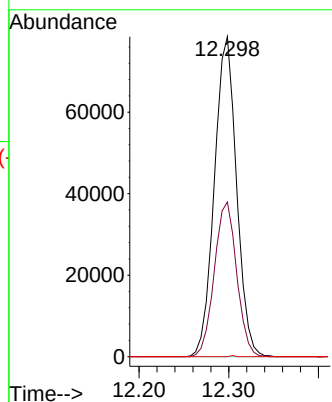
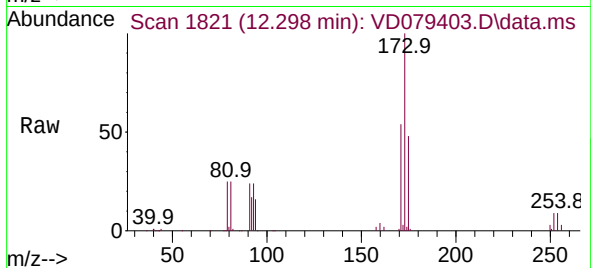
Tgt Ion:173 Resp: 134625

Ion Ratio Lower Upper

173 100

175 48.7 23.7 71.1

254 0.1 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: VD079403.D

Acq: 25 Jul 2024 12:35

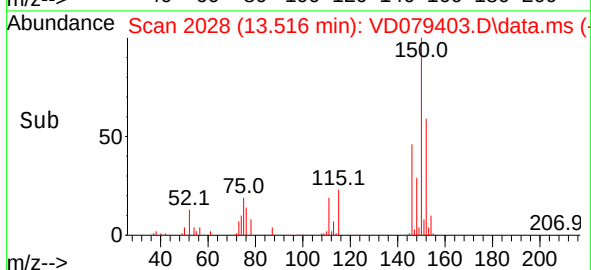
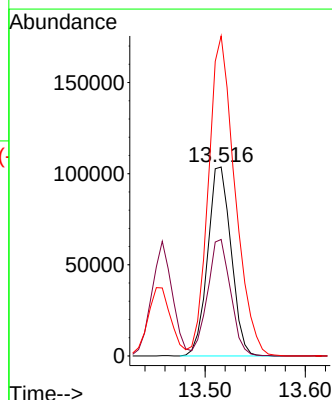
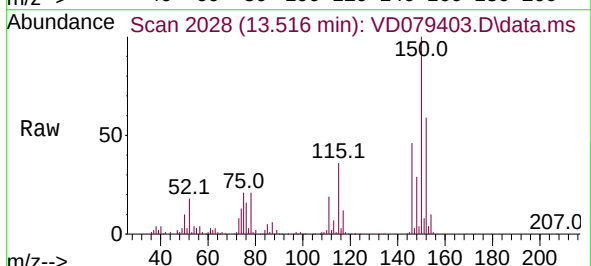
Tgt Ion:152 Resp: 168421

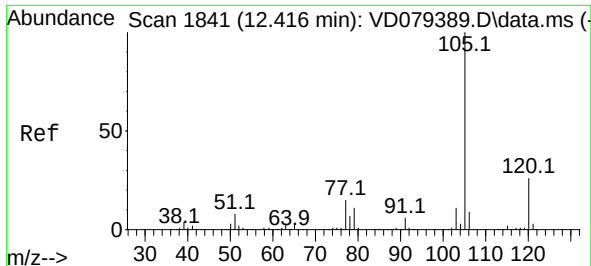
Ion Ratio Lower Upper

152 100

115 60.6 26.5 79.5

150 191.9 0.0 341.6





#73

Isopropylbenzene

Concen: 108.005 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min MSVOA_D

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

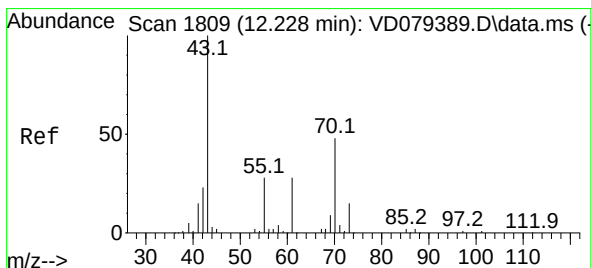
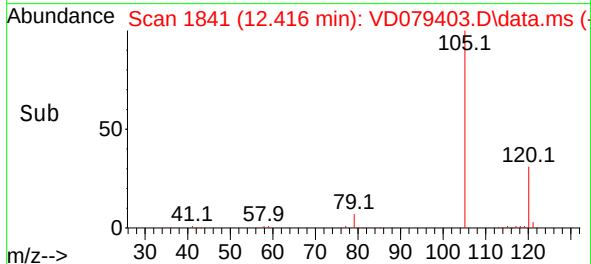
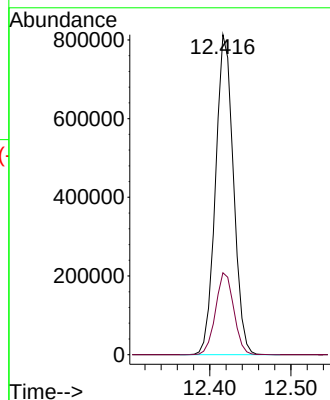
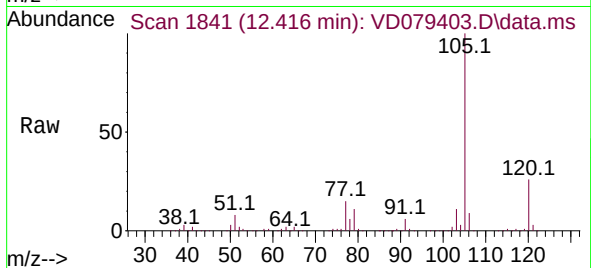
ClientSampleId :

Tgt Ion:105 Resp: 1246106

Ion Ratio Lower Upper

105 100

120 26.0 13.6 40.7



#74

N-ethyl acetate

Concen: 106.028 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Tgt Ion: 43 Resp: 250323

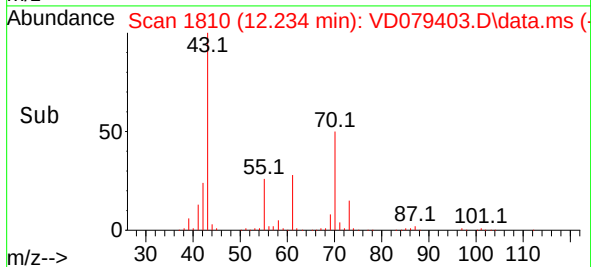
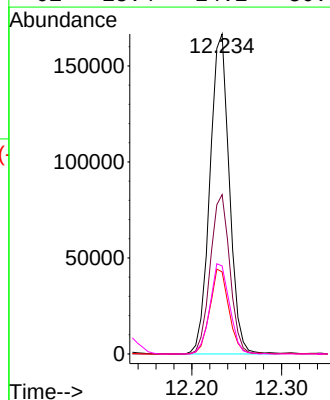
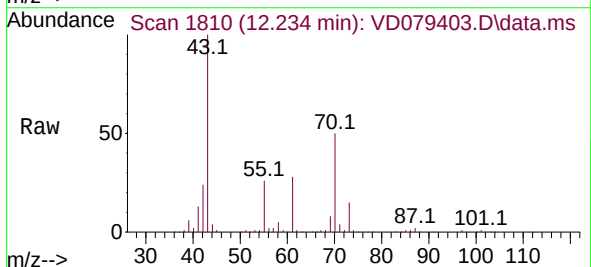
Ion Ratio Lower Upper

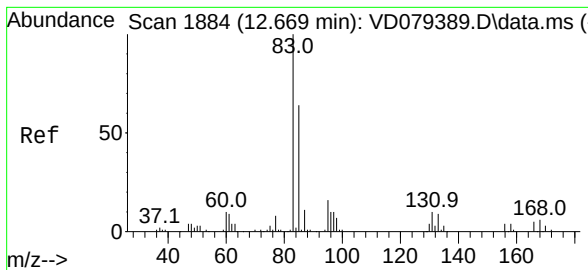
43 100

70 50.2 44.3 66.5

55 26.1 23.2 34.8

61 28.4 24.2 36.4

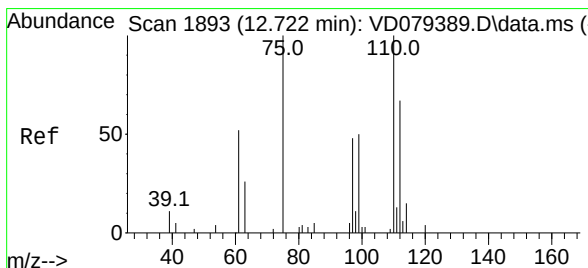
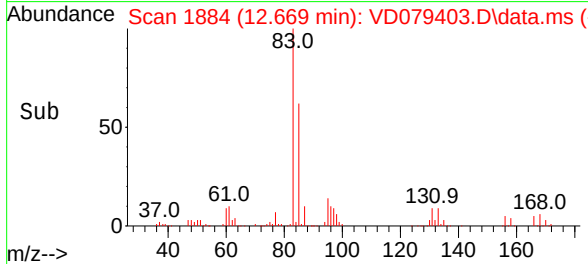
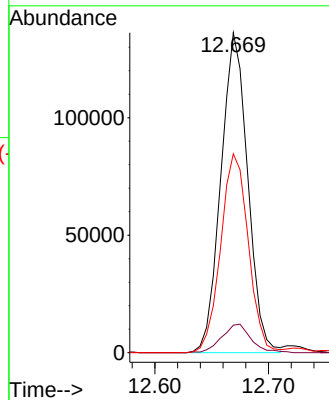
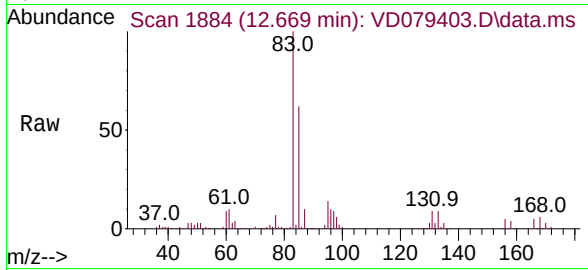




#75
1,1,2,2-Tetrachloroethane
Concen: 93.832 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

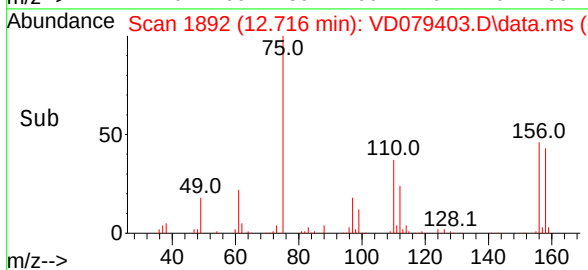
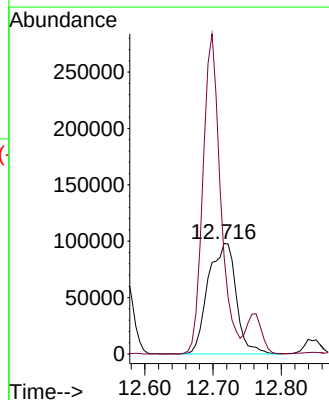
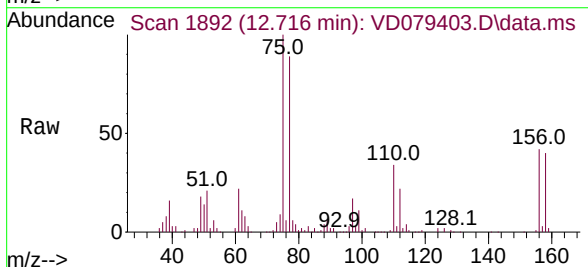
Instrument :
MSVOA_D
ClientSampleId :

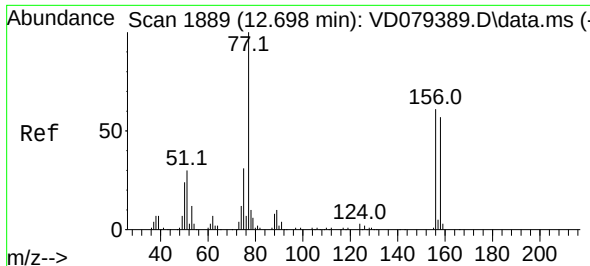
Tgt Ion: 83 Resp: 223298
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 64.1 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 137.856 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 75 Resp: 280059
Ion Ratio Lower Upper
75 100
77 182.4 0.0 0.0#

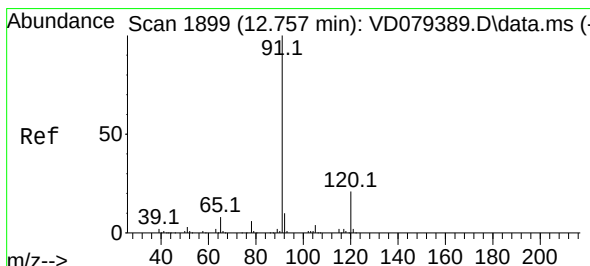
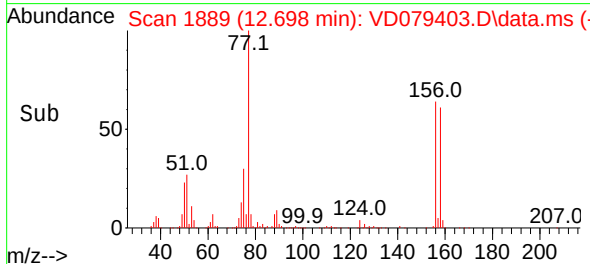
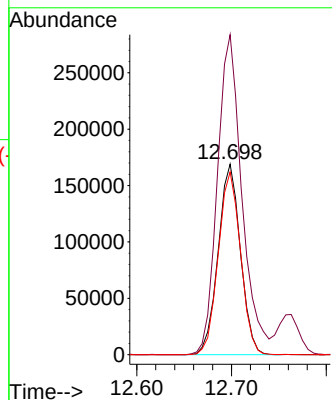
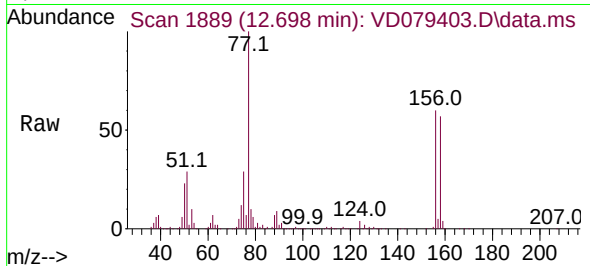




#77
Bromobenzene
Concen: 101.736 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

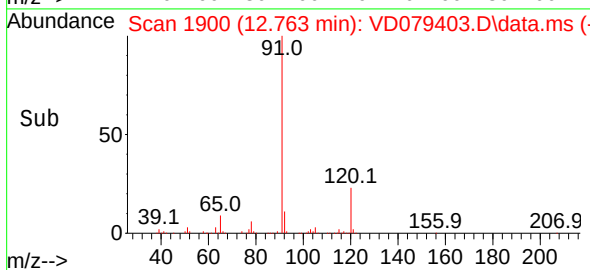
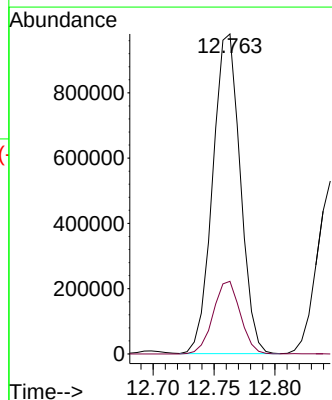
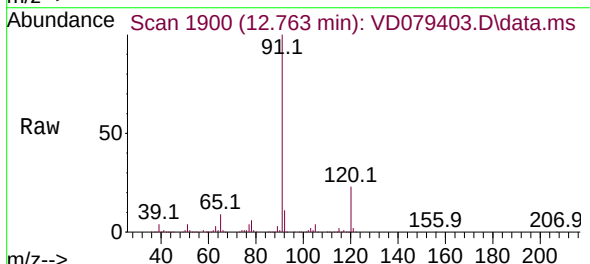
Instrument :
MSVOA_D
ClientSampleId :

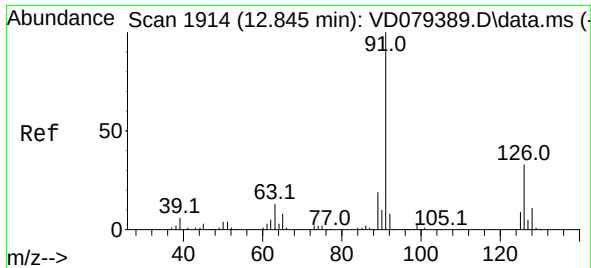
Tgt Ion:156 Resp: 275650
Ion Ratio Lower Upper
156 100
77 185.3 77.3 231.9
158 96.0 49.6 149.0



#78
n-propylbenzene
Concen: 106.412 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 91 Resp: 1540439
Ion Ratio Lower Upper
91 100
120 22.4 12.3 36.8

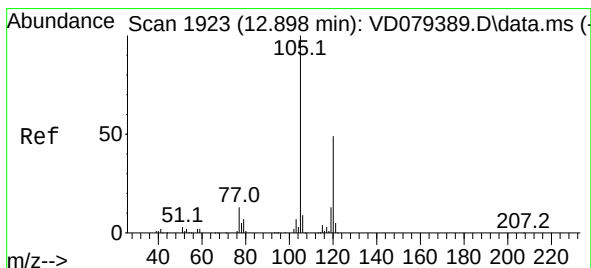
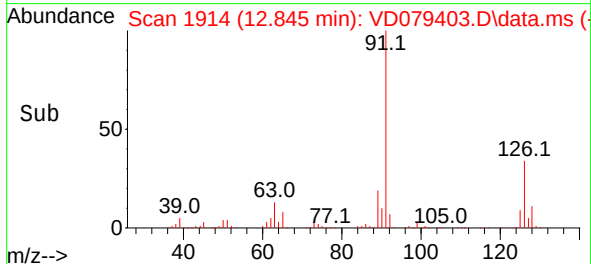
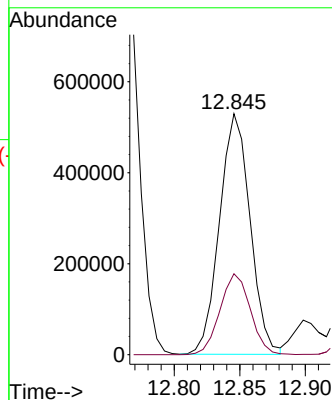
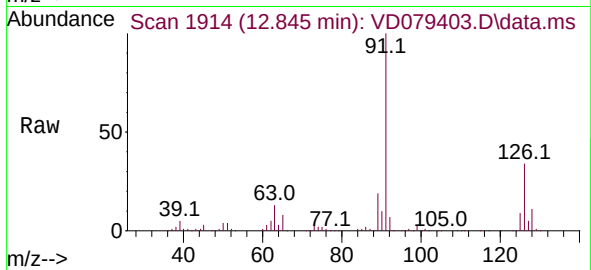




#79
2-Chlorotoluene
Concen: 103.207 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

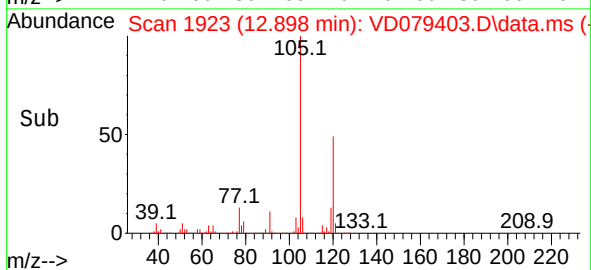
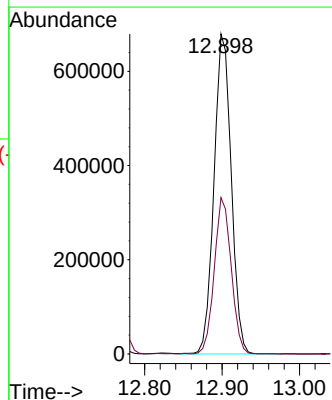
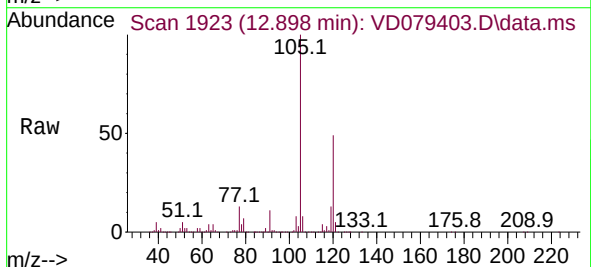
Instrument :
MSVOA_D
ClientSampleId :

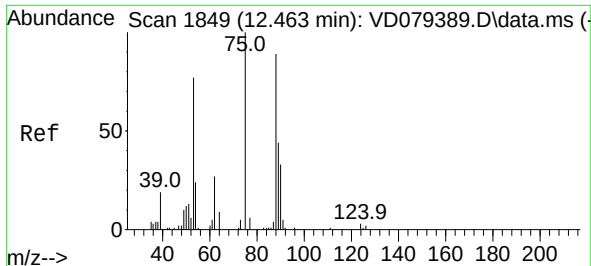
Tgt Ion: 91 Resp: 859792
Ion Ratio Lower Upper
91 100
126 33.3 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 108.063 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion:105 Resp: 1048092
Ion Ratio Lower Upper
105 100
120 48.1 25.7 77.1

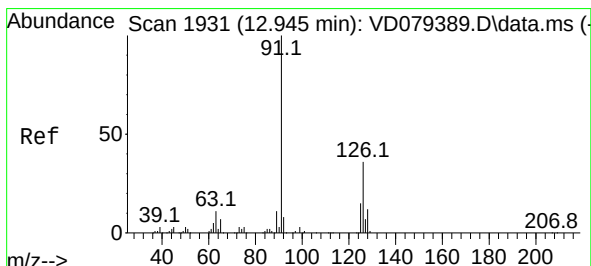
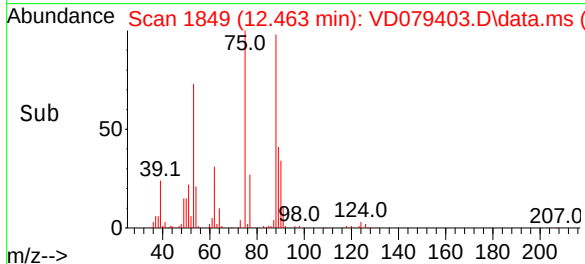
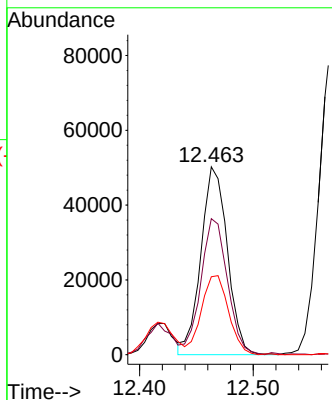
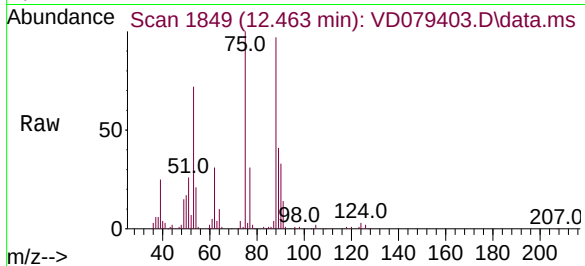




#81
trans-1,4-Dichloro-2-butene
Concen: 103.954 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

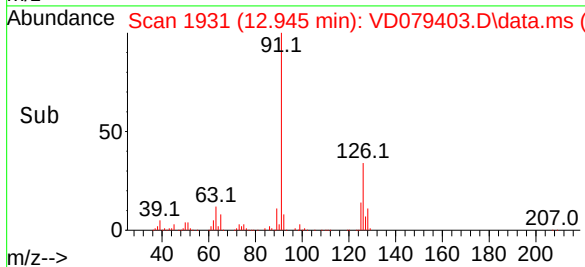
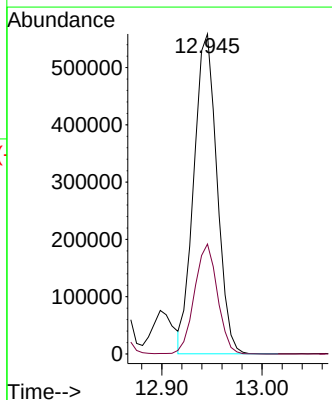
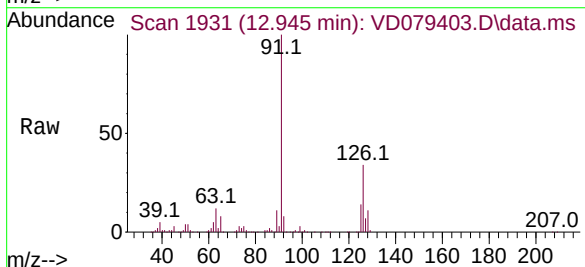
Instrument :
MSVOA_D
ClientSampleId :

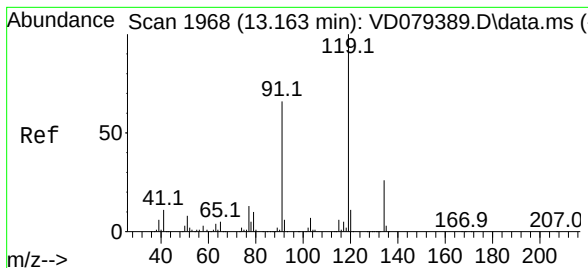
Tgt Ion: 75 Resp: 81364
Ion Ratio Lower Upper
75 100
53 73.1 61.4 92.2
89 43.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 103.578 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

Tgt Ion: 91 Resp: 893860
Ion Ratio Lower Upper
91 100
126 34.2 18.9 56.9





#83

tert-Butylbenzene

Concen: 109.234 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

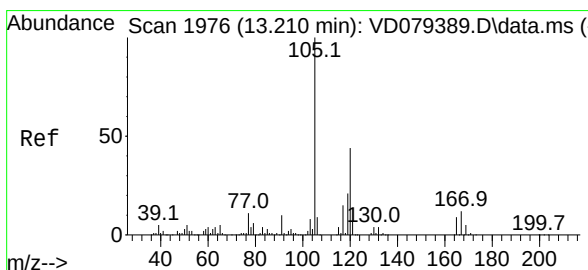
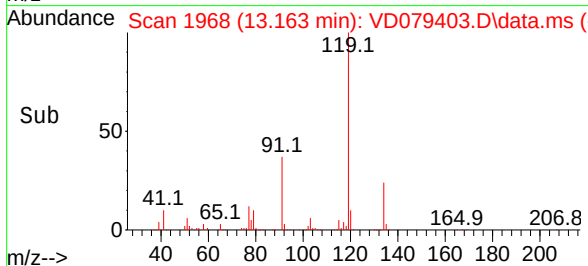
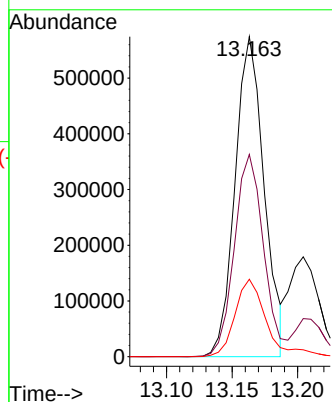
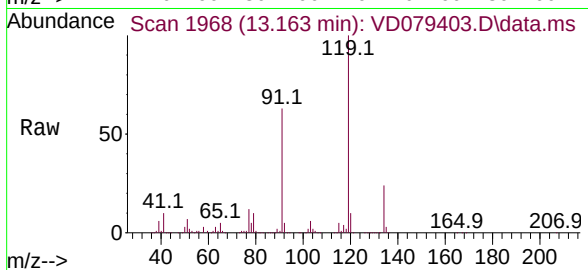
Tgt Ion:119 Resp: 886501

Ion Ratio Lower Upper

119 100

91 64.0 28.2 84.7

134 26.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 109.478 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079403.D

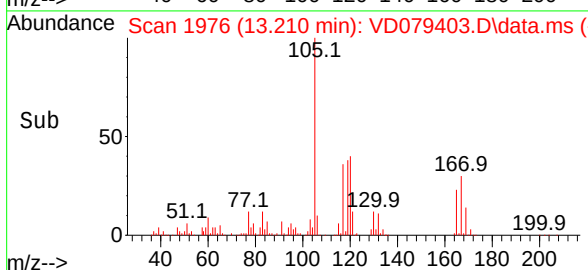
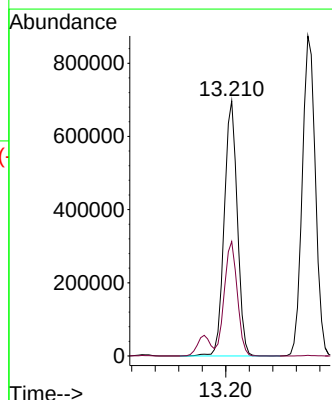
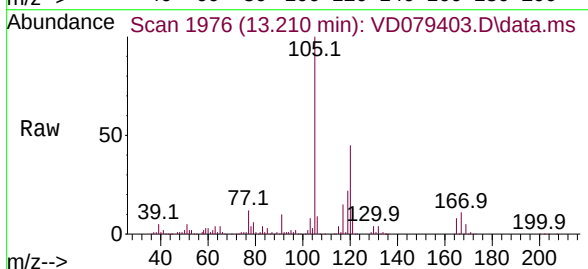
Acq: 25 Jul 2024 12:35

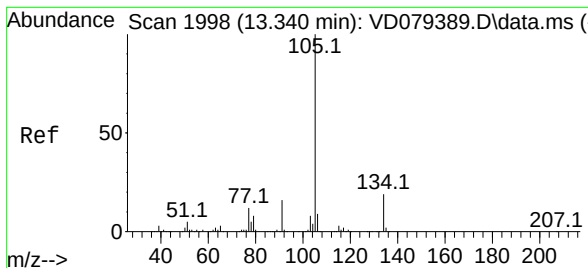
Tgt Ion:105 Resp: 1071512

Ion Ratio Lower Upper

105 100

120 44.4 23.6 71.0

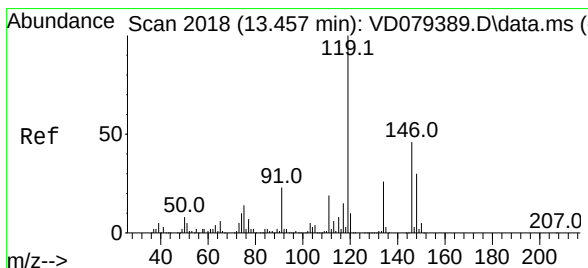
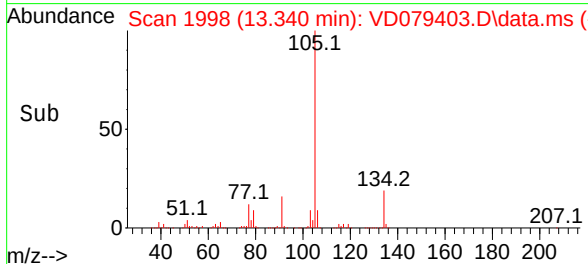
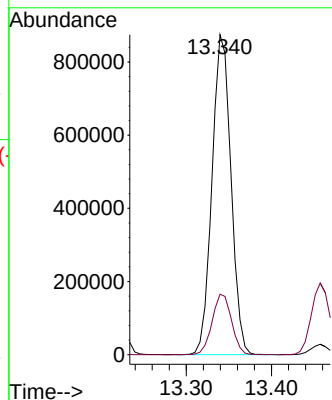
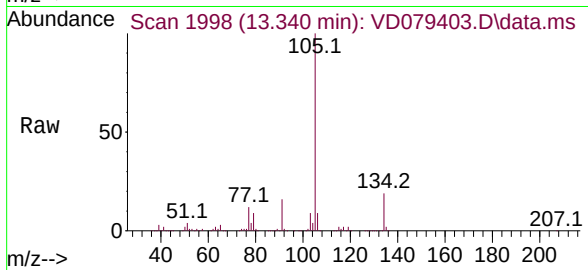




#85
 sec-Butylbenzene
 Concen: 107.073 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD079403.D
 Acq: 25 Jul 2024 12:35

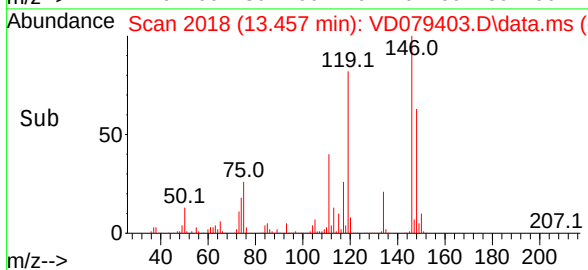
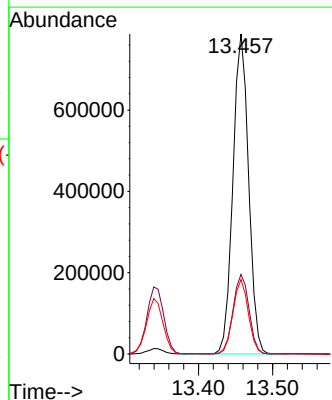
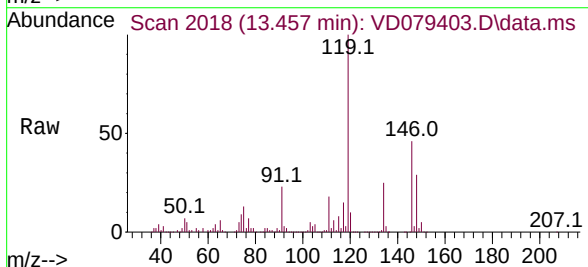
Instrument :
 MSVOA_D
 ClientSampleId :

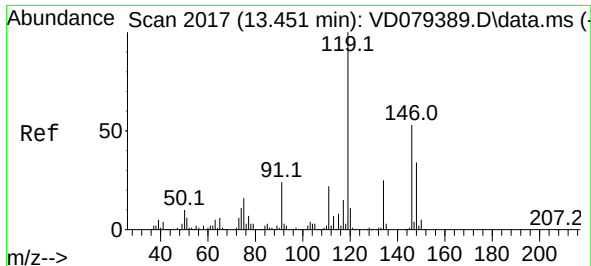
Tgt Ion:105 Resp: 1354856
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 111.995 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079403.D
 Acq: 25 Jul 2024 12:35

Tgt Ion:119 Resp: 1154168
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.7 41.1
 91 22.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 101.340 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

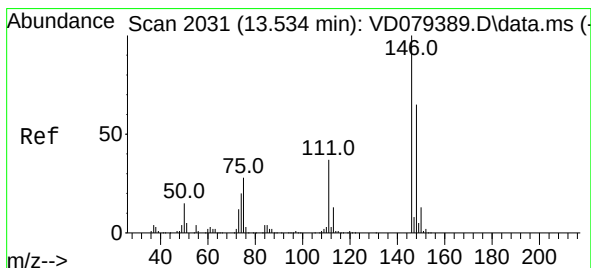
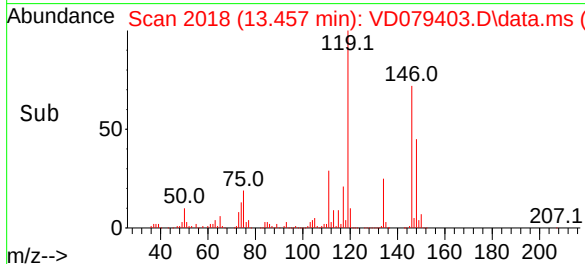
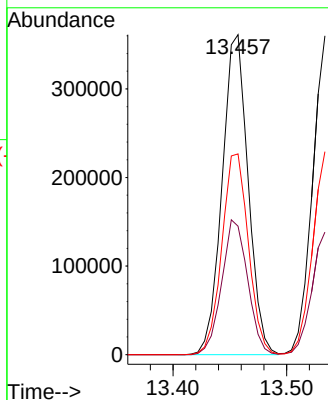
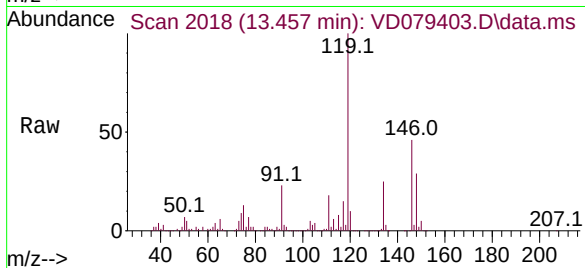
Tgt Ion:146 Resp: 574602

Ion Ratio Lower Upper

146 100

111 42.0 18.5 55.5

148 64.1 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 97.827 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

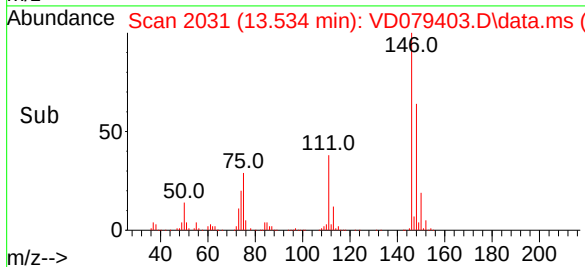
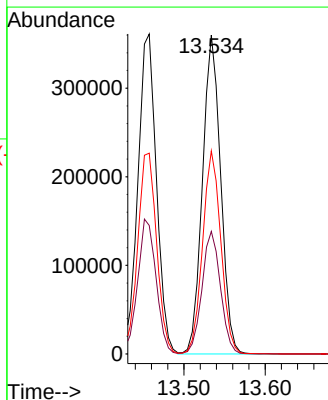
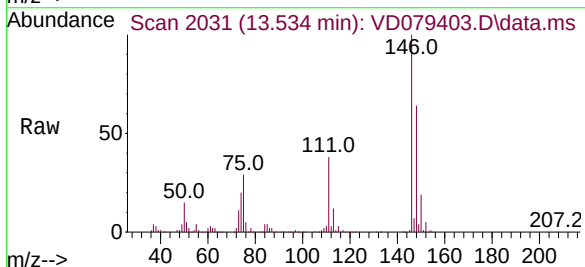
Tgt Ion:146 Resp: 559634

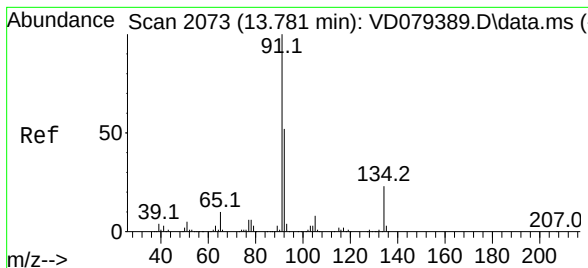
Ion Ratio Lower Upper

146 100

111 38.9 17.5 52.6

148 63.9 31.4 94.2





#89

n-Butylbenzene

Concen: 109.807 ug/l

RT: 13.781 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

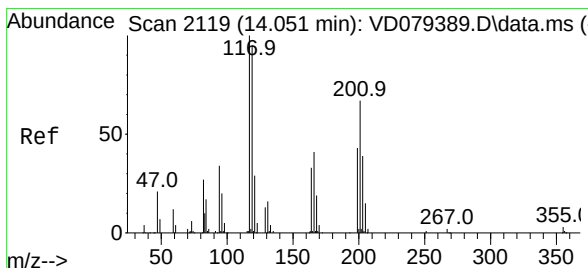
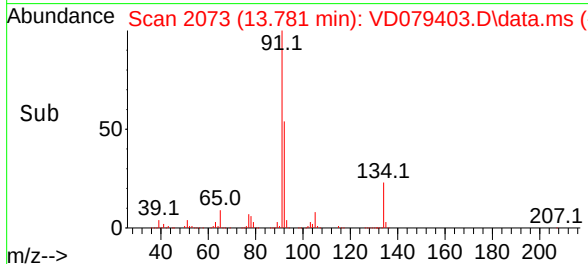
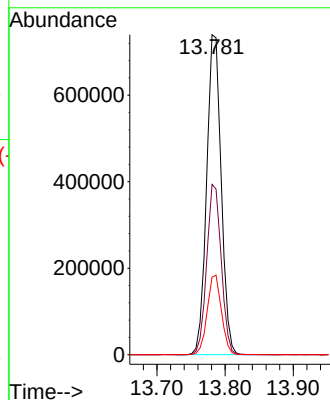
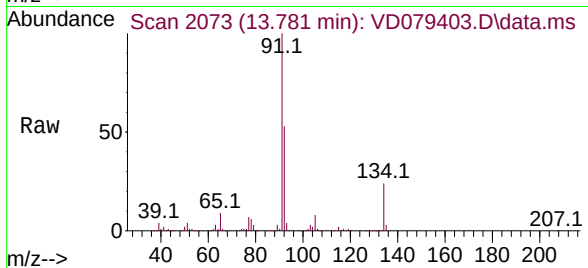
Tgt Ion: 91 Resp: 1098188

Ion Ratio Lower Upper

91 100

92 53.2 25.7 77.0

134 24.4 13.6 40.8



#90

Hexachloroethane

Concen: 97.382 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD079403.D

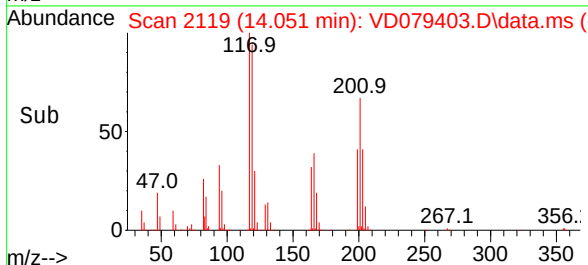
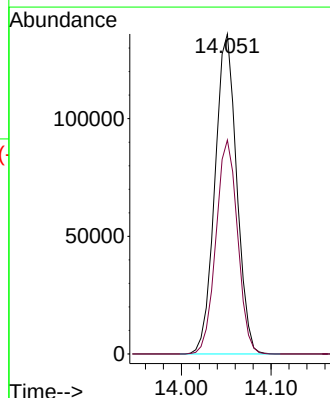
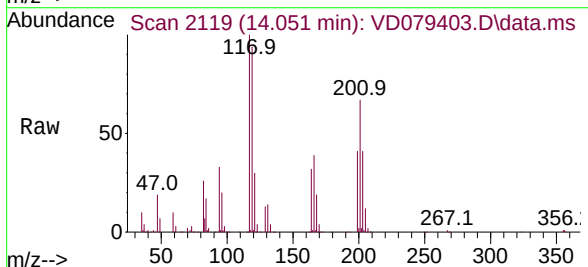
Acq: 25 Jul 2024 12:35

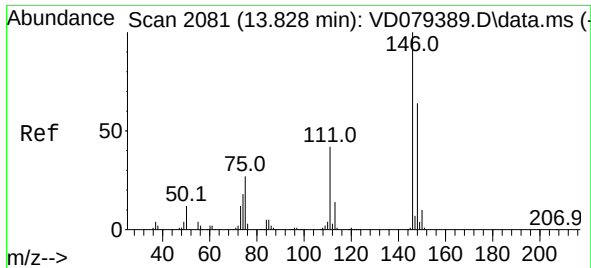
Tgt Ion: 117 Resp: 228641

Ion Ratio Lower Upper

117 100

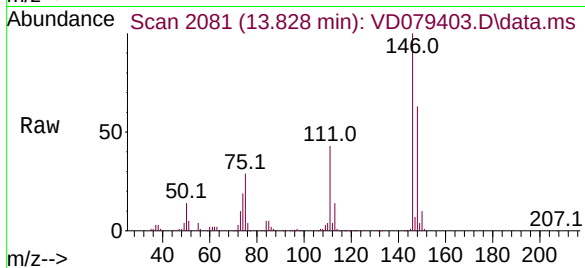
201 66.4 36.3 108.9



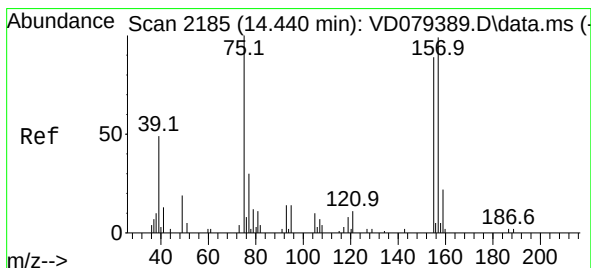
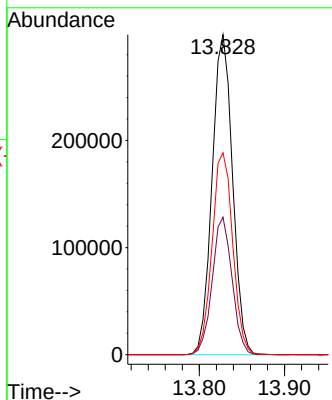
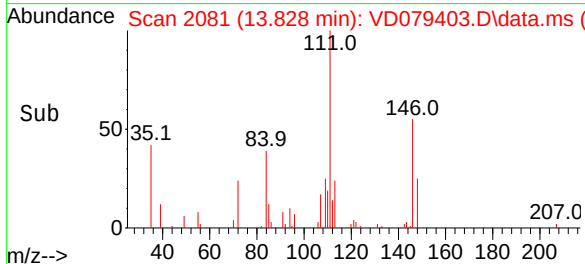


#91
1,2-Dichlorobenzene
Concen: 101.077 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35

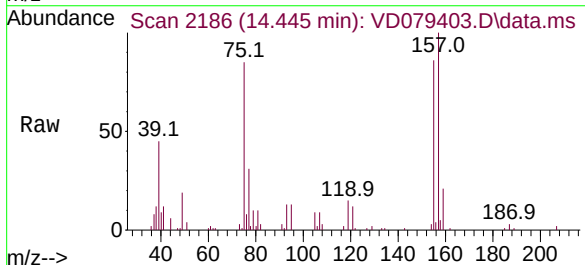
Instrument :
MSVOA_D
ClientSampleId :



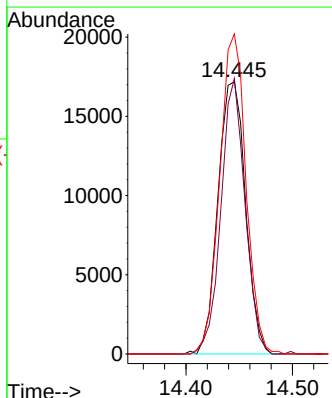
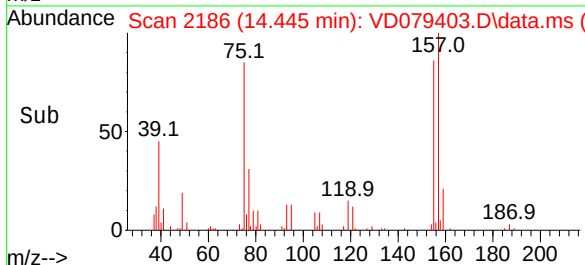
Tgt Ion:146 Resp: 497506
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.1
148 63.9 31.1 93.5

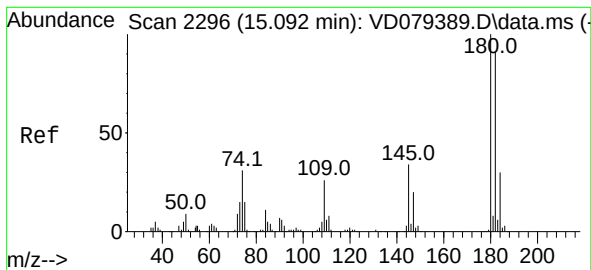


#92
1,2-Dibromo-3-Chloropropane
Concen: 97.944 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD079403.D
Acq: 25 Jul 2024 12:35



Tgt Ion: 75 Resp: 30858
Ion Ratio Lower Upper
75 100
155 88.0 47.7 143.1
157 112.3 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 104.725 ug/l

RT: 15.098 min Scan# 2296

Delta R.T. 0.006 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

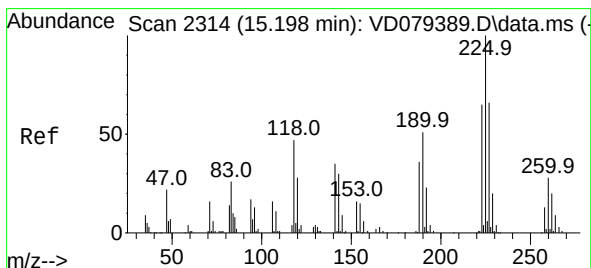
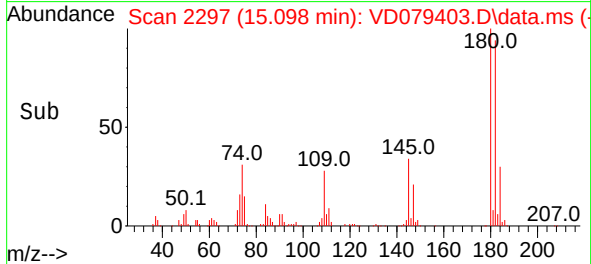
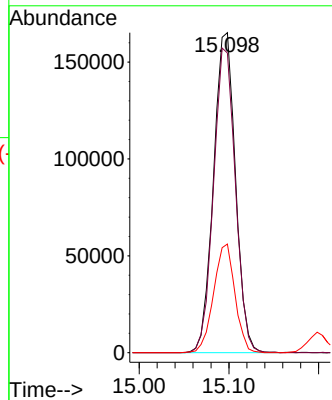
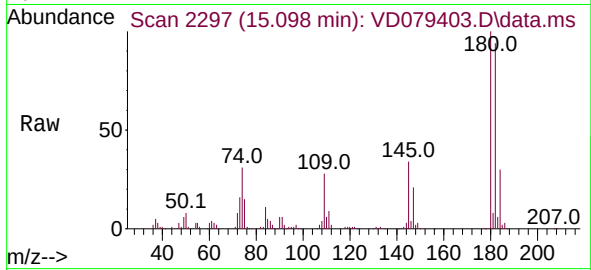
Tgt Ion:180 Resp: 280713

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.7

145 33.1 14.0 41.9



#94

Hexachlorobutadiene

Concen: 99.434 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

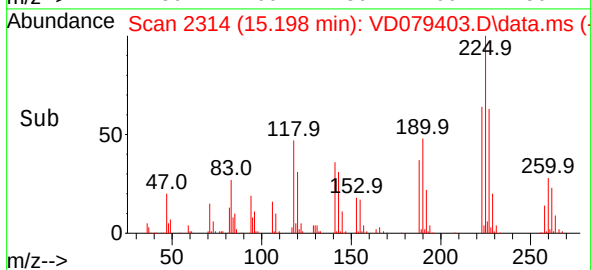
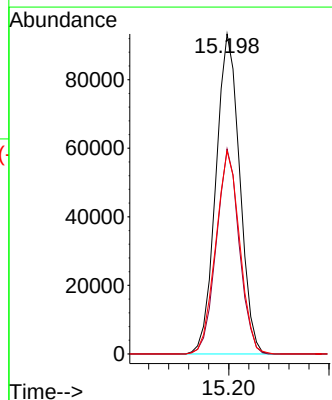
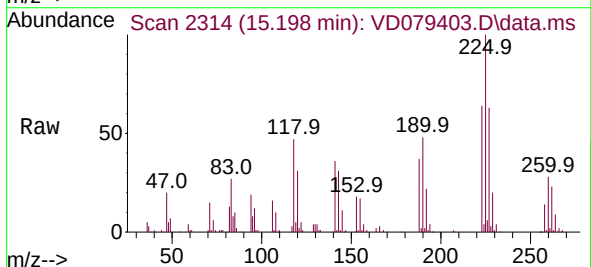
Tgt Ion:225 Resp: 153434

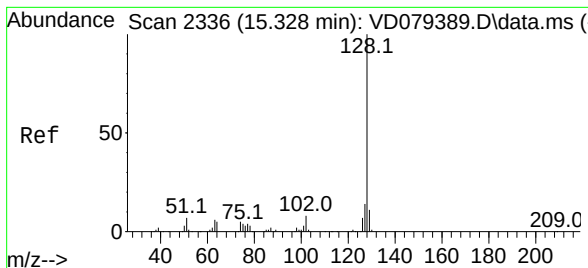
Ion Ratio Lower Upper

225 100

223 61.3 33.3 99.9

227 63.7 33.6 100.6





#95

Naphthalene

Concen: 116.016 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min MSVOA_D

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Instrument :

MSVOA_D

ClientSampleId :

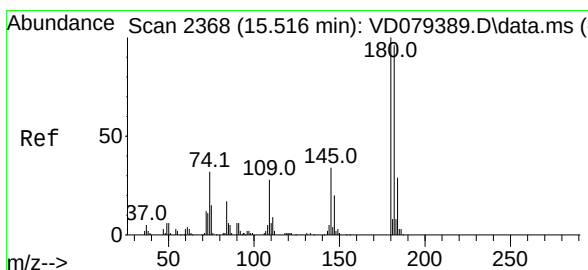
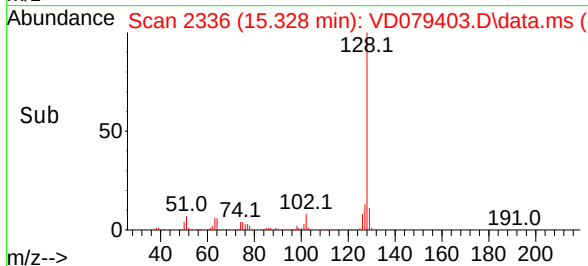
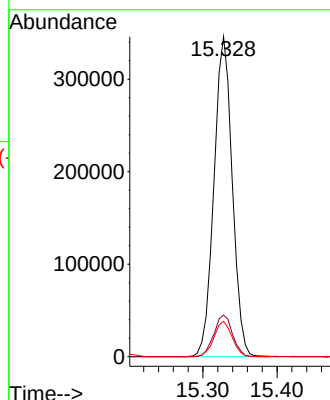
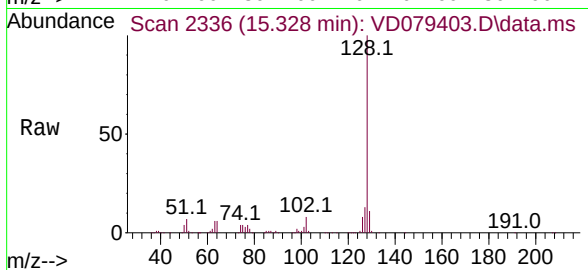
Tgt Ion:128 Resp: 593885

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 105.329 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079403.D

Acq: 25 Jul 2024 12:35

Tgt Ion:180 Resp: 251528

Ion Ratio Lower Upper

180 100

182 93.9 47.8 143.3

145 34.5 16.1 48.2

