

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072224\
 Data File : VD079385.D
 Acq On : 22 Jul 2024 11:29
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 23 02:34:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 02:33:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	180646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	314587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	292935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	125797	60.764	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.520%	
35) Dibromofluoromethane	7.805	113	130911	60.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.560%	
50) Toluene-d8	10.269	98	510679	61.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 122.860%	
62) 4-Bromofluorobenzene	12.569	95	155184	61.013	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	78751	54.284	ug/l	95
3) Chloromethane	2.146	50	68673	40.688	ug/l	99
4) Vinyl Chloride	2.281	62	90178	43.305	ug/l	96
5) Bromomethane	2.687	94	58177	43.087	ug/l	98
6) Chloroethane	2.828	64	40276	44.773	ug/l	99
7) Trichlorofluoromethane	3.164	101	158478	49.548	ug/l	92
8) Diethyl Ether	3.587	74	60803	59.525	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.964	101	114242	52.279	ug/l	95
10) Methyl Iodide	4.158	142	123733	50.954	ug/l	99
11) Tert butyl alcohol	5.058	59	37535	305.348	ug/l #	83
12) 1,1-Dichloroethene	3.940	96	109299	52.872	ug/l	94
13) Acrolein	3.793	56	27492	336.429	ug/l	95
14) Allyl chloride	4.558	41	144363	52.987	ug/l	85
15) Acrylonitrile	5.252	53	147249	300.458	ug/l	99
16) Acetone	4.017	43	139708	351.179	ug/l	98
17) Carbon Disulfide	4.264	76	320416	52.785	ug/l	100
18) Methyl Acetate	4.558	43	71661	61.328	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	268832	58.161	ug/l	93
20) Methylene Chloride	4.799	84	163096	52.380	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	120046	51.683	ug/l	91
22) Diisopropyl ether	6.211	45	336037	54.581	ug/l	96
23) Vinyl Acetate	6.152	43	1366945	287.269	ug/l	94
24) 1,1-Dichloroethane	6.111	63	215403	51.940	ug/l	95
25) 2-Butanone	7.081	43	177445	293.172	ug/l	95
26) 2,2-Dichloropropane	7.075	77	179758	51.360	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	143288	52.924	ug/l	90
28) Bromochloromethane	7.422	49	77744	45.903	ug/l #	76
29) Tetrahydrofuran	7.440	42	107898	291.373	ug/l	86
30) Chloroform	7.593	83	221384	50.521	ug/l	99
31) Cyclohexane	7.875	56	161120	49.458	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	182615	50.921	ug/l	98
36) 1,1-Dichloropropene	8.005	75	149178	51.731	ug/l	98
37) Ethyl Acetate	7.163	43	76145	60.486	ug/l	99
38) Carbon Tetrachloride	7.987	117	159749	52.766	ug/l	98
39) Methylcyclohexane	9.269	83	184408	54.126	ug/l	91
40) Benzene	8.246	78	486810	54.052	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	37839	54.350	ug/l	90
42) 1,2-Dichloroethane	8.322	62	122128	54.360	ug/l	96
43) Isopropyl Acetate	8.357	43	135143	57.432	ug/l	95
44) Trichloroethene	9.028	130	113456	51.541	ug/l	90
45) 1,2-Dichloropropane	9.304	63	121248	53.818	ug/l	97
46) Dibromomethane	9.393	93	73140	56.191	ug/l	92
47) Bromodichloromethane	9.581	83	175621	54.195	ug/l	98
48) Methyl methacrylate	9.375	41	64351	60.707	ug/l	83
49) 1,4-Dioxane	9.381	88	18206	1272.476	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	381937	306.254	ug/l	97
52) Toluene	10.328	92	310593	54.837	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	164900	56.422	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	193590	55.806	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	98096	55.467	ug/l	96
56) Ethyl methacrylate	10.599	69	127365	59.519	ug/l	95
57) 1,3-Dichloropropane	10.875	76	161840	55.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	267769	280.877	ug/l	91
59) 2-Hexanone	10.916	43	281469	320.194	ug/l	98
60) Dibromochloromethane	11.075	129	122387	54.664	ug/l	97
61) 1,2-Dibromoethane	11.175	107	93101	56.516	ug/l	97
64) Tetrachloroethene	10.810	164	97777	53.428	ug/l	91
65) Chlorobenzene	11.604	112	331678	52.356	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	115224	53.018	ug/l	96
67) Ethyl Benzene	11.681	91	582932	54.997	ug/l	97
68) m/p-Xylenes	11.793	106	452889	109.579	ug/l	90
69) o-Xylene	12.116	106	214080	56.434	ug/l	87
70) Styrene	12.134	104	393675	58.155	ug/l	97
71) Bromoform	12.298	173	72560	57.568	ug/l #	96
73) Isopropylbenzene	12.416	105	543017	54.427	ug/l	99
74) N-amyl acetate	12.228	43	127146	56.536	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	120276	55.502	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	144419	96.693	ug/l #	100
77) Bromobenzene	12.698	156	129092	53.906	ug/l	82
78) n-propylbenzene	12.763	91	682629	54.511	ug/l	95
79) 2-Chlorotoluene	12.845	91	379092	52.951	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	457896	54.726	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	43503	56.808	ug/l	98
82) 4-Chlorotoluene	12.945	91	398510	52.513	ug/l	95
83) tert-Butylbenzene	13.163	119	378641	53.252	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	465985	54.963	ug/l	96
85) sec-Butylbenzene	13.340	105	602104	54.397	ug/l	97
86) p-Isopropyltoluene	13.457	119	496525	54.415	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	262878	52.314	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	259368	51.358	ug/l	98
89) n-Butylbenzene	13.787	91	480708	54.496	ug/l	97
90) Hexachloroethane	14.051	117	101884	49.757	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	232314	53.312	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	17357	56.702	ug/l	83
93) 1,2,4-Trichlorobenzene	15.092	180	136642	53.899	ug/l	97
94) Hexachlorobutadiene	15.198	225	72132	50.806	ug/l	93
95) Naphthalene	15.328	128	295051	57.691	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	125138	55.185	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jul 23 02:33:18 2024
Response via : Initial Calibration

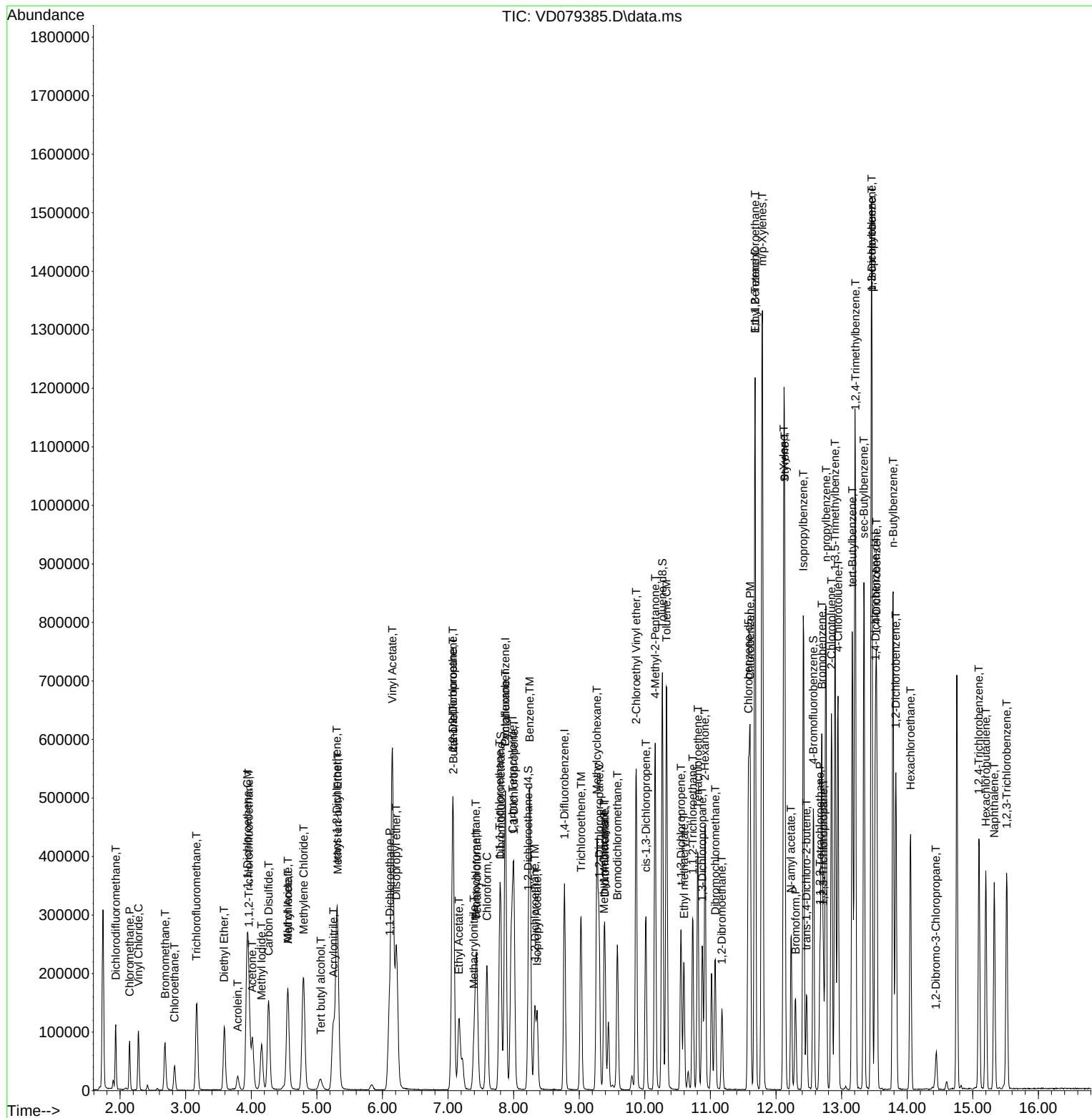
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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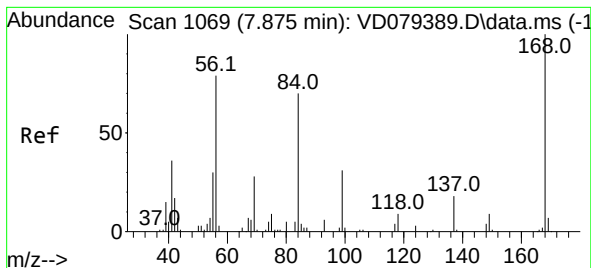
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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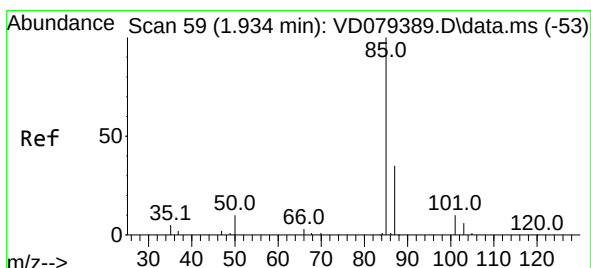
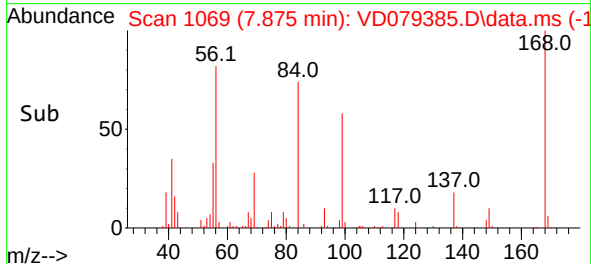
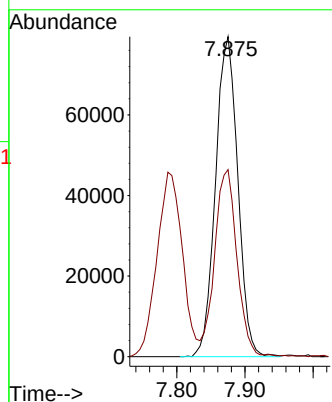
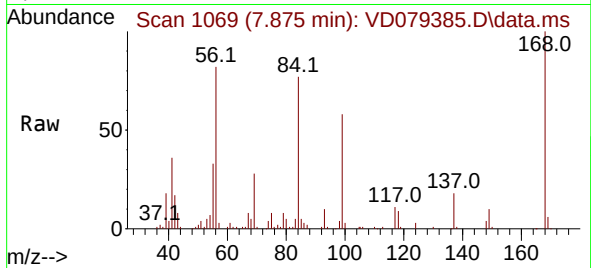




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079385.D
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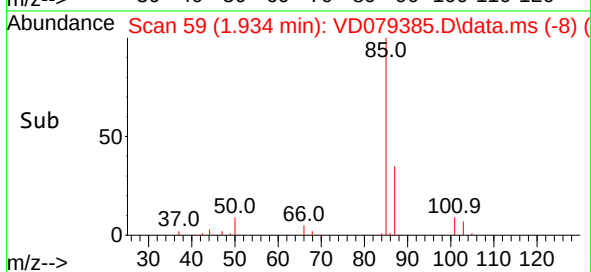
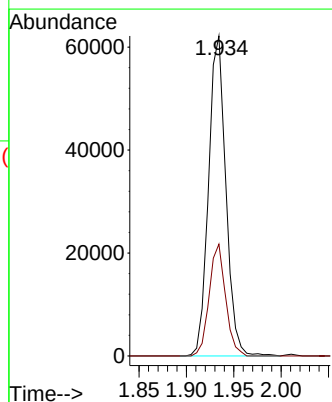
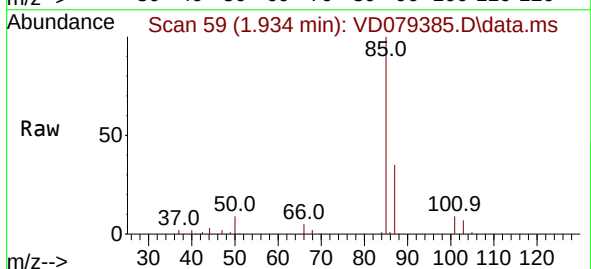
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

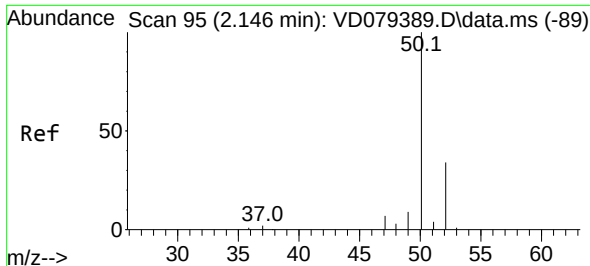
Tgt Ion:168 Resp: 180646
Ion Ratio Lower Upper
168 100
99 58.1 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 54.284 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 85 Resp: 78751
Ion Ratio Lower Upper
85 100
87 35.0 16.0 48.0

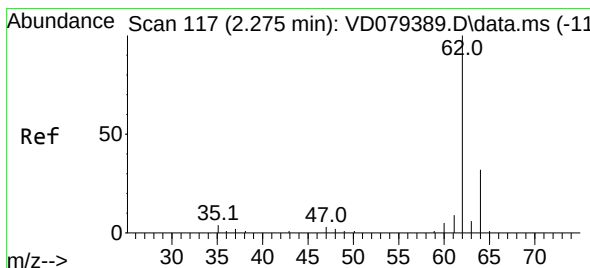
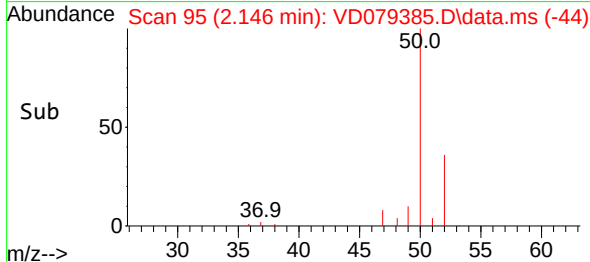
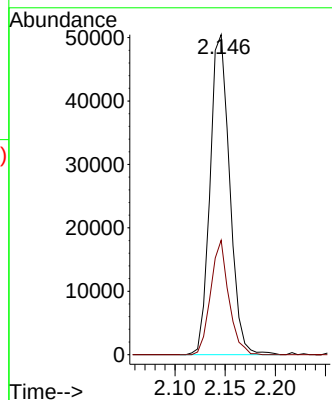
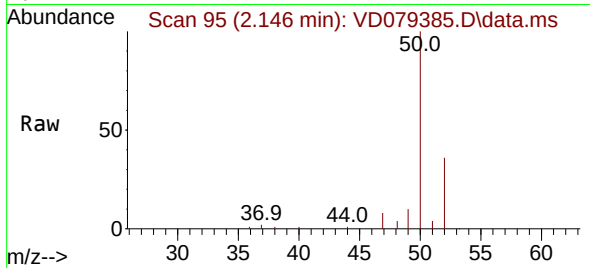




#3
Chloromethane
Concen: 40.688 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

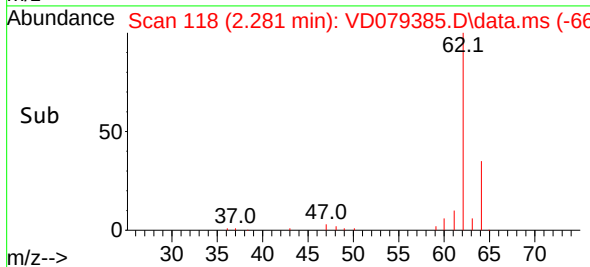
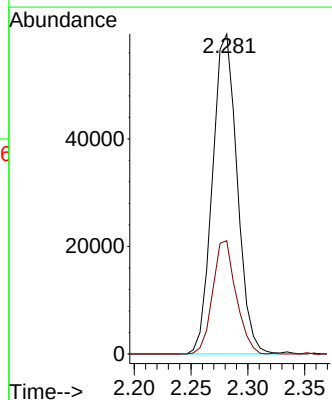
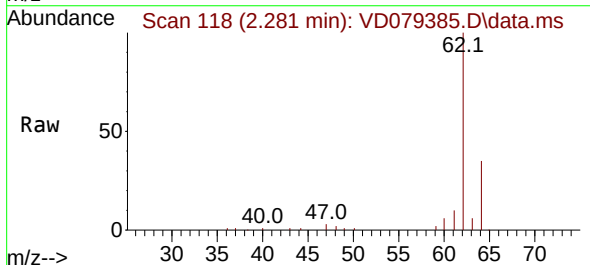
Instrument :
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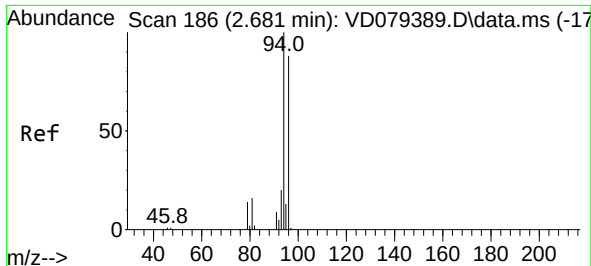
Tgt Ion: 50 Resp: 68673
Ion Ratio Lower Upper
50 100
52 35.7 28.2 42.2



#4
Vinyl Chloride
Concen: 43.305 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 62 Resp: 90178
Ion Ratio Lower Upper
62 100
64 35.4 26.3 39.5

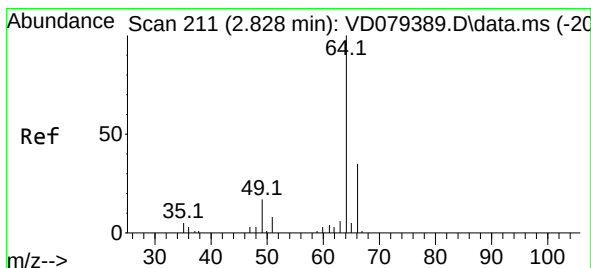
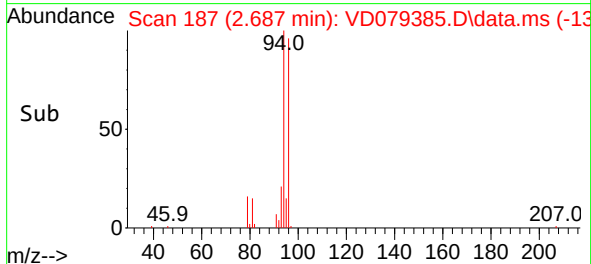
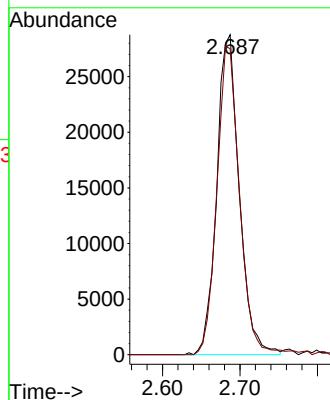
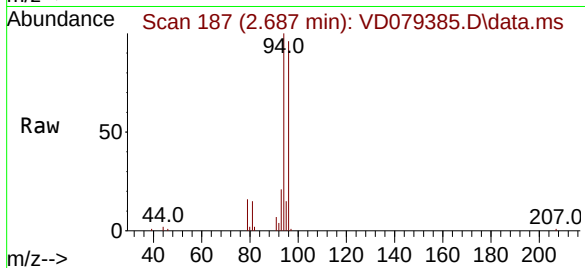




#5
Bromomethane
Concen: 43.087 ug/l
RT: 2.687 min Scan# 186
Delta R.T. 0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

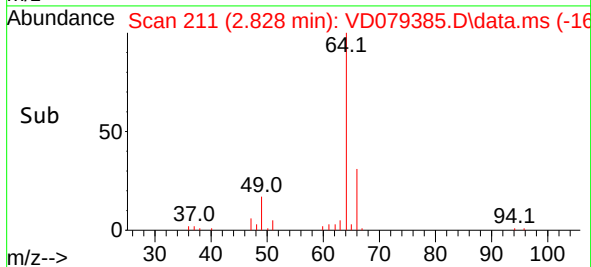
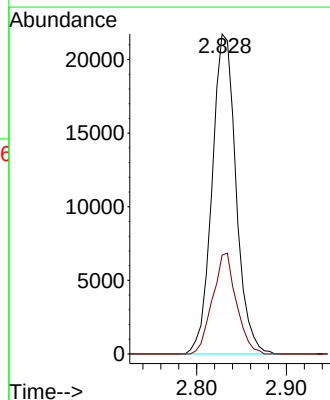
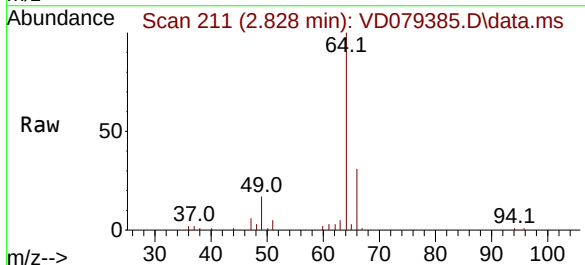
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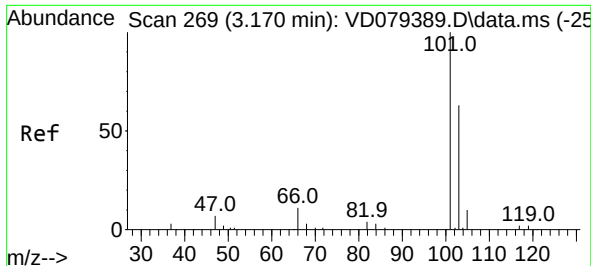
Tgt Ion: 94 Resp: 58177
Ion Ratio Lower Upper
94 100
96 97.6 76.9 115.3



#6
Chloroethane
Concen: 44.773 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 64 Resp: 40276
Ion Ratio Lower Upper
64 100
66 30.9 24.5 36.7

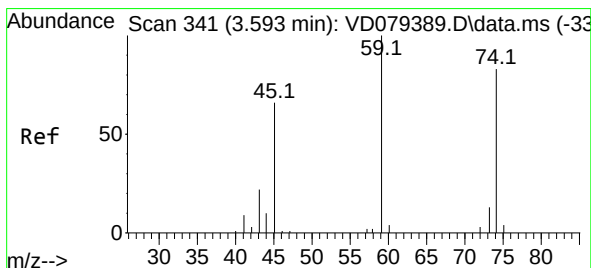
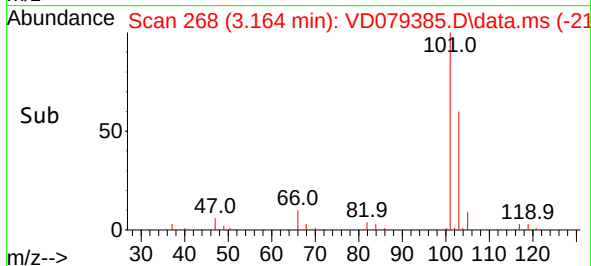
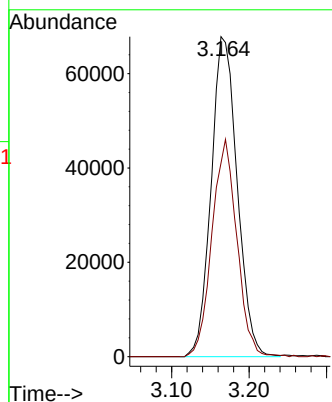
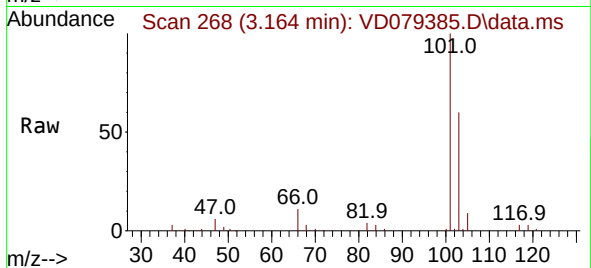




#7
Trichlorofluoromethane
Concen: 49.548 ug/l
RT: 3.164 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

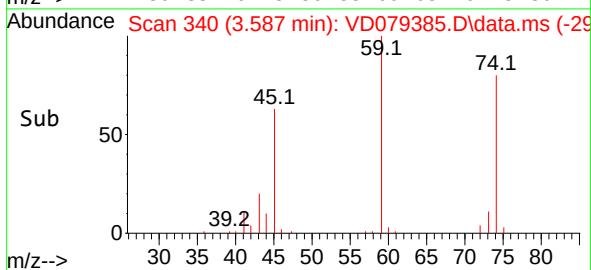
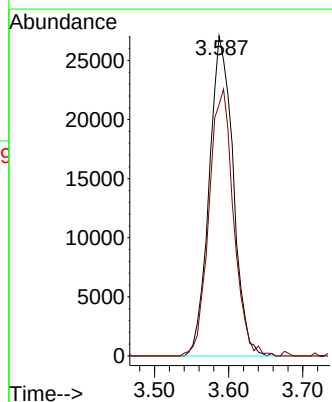
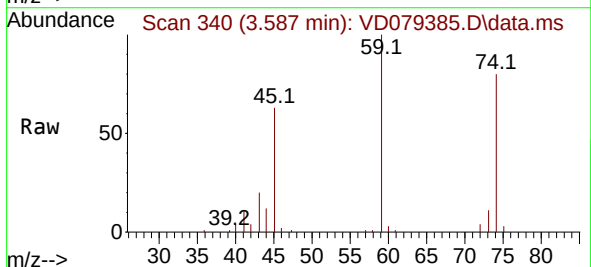
Instrument :
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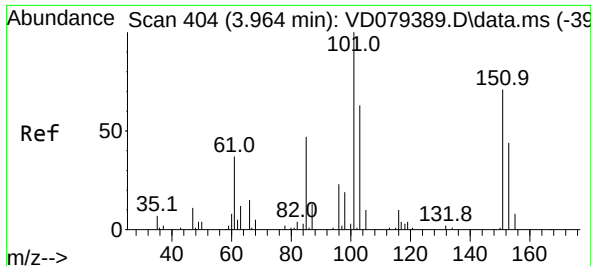
Tgt Ion:101 Resp: 158478
Ion Ratio Lower Upper
101 100
103 60.5 53.2 79.8



#8
Diethyl Ether
Concen: 59.525 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 74 Resp: 60803
Ion Ratio Lower Upper
74 100
45 85.4 37.9 113.6

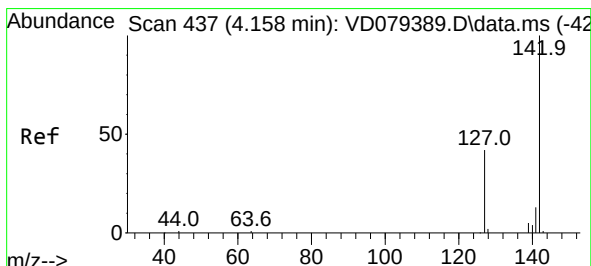
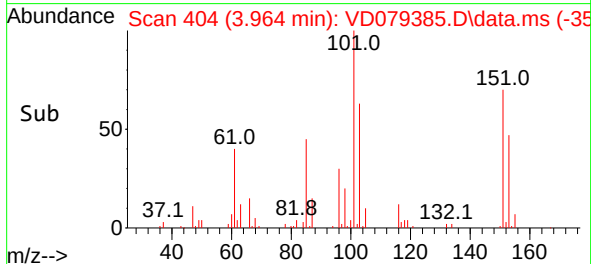
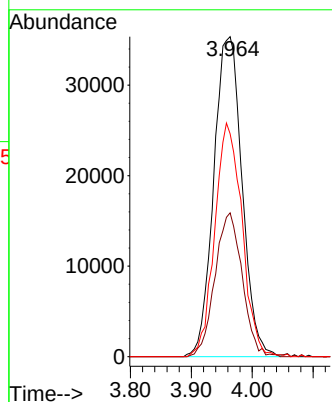
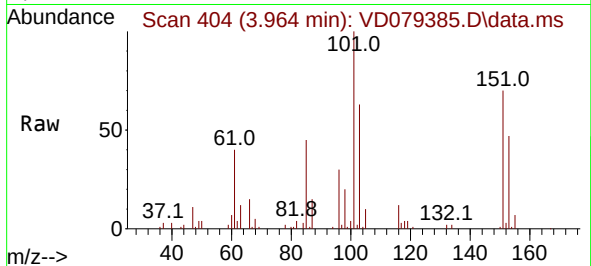




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.279 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

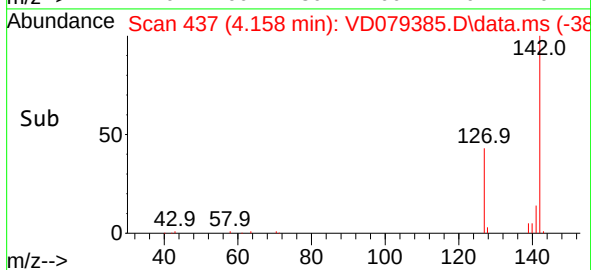
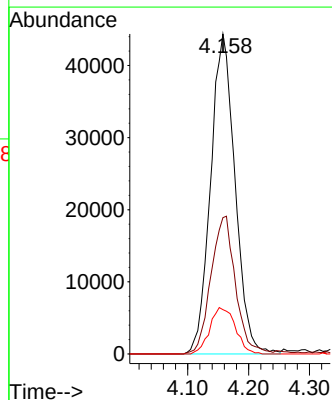
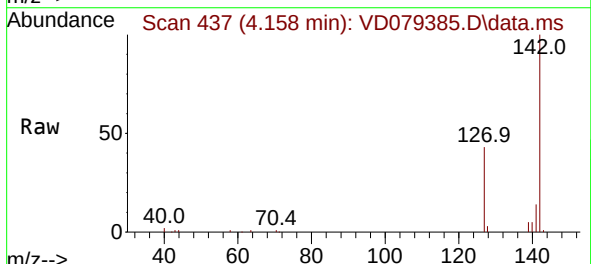
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

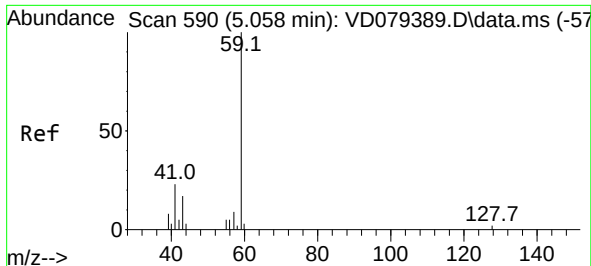
Tgt Ion:101 Resp: 114242
Ion Ratio Lower Upper
101 100
85 43.2 33.5 50.3
151 70.3 60.3 90.5



#10
Methyl Iodide
Concen: 50.954 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion:142 Resp: 123733
Ion Ratio Lower Upper
142 100
127 43.2 34.2 51.4
141 15.2 11.7 17.5

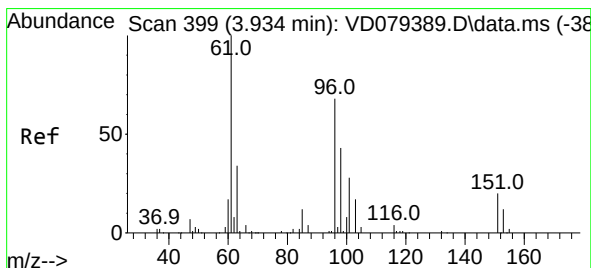
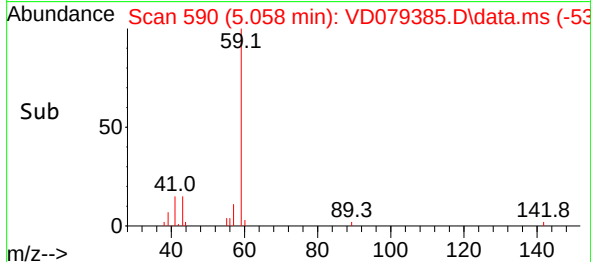
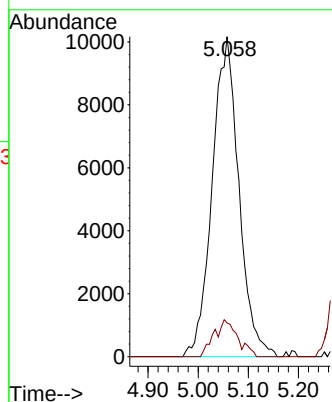
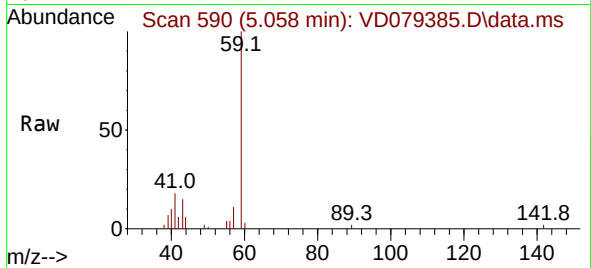




#11
Tert butyl alcohol
Concen: 305.348 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

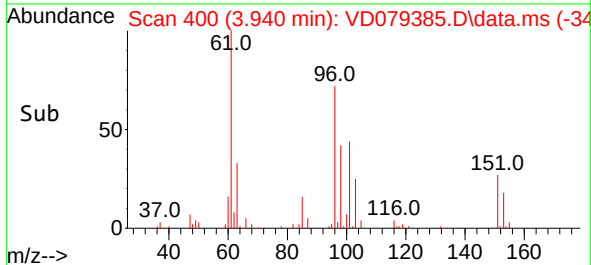
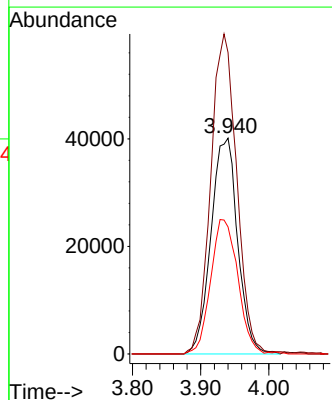
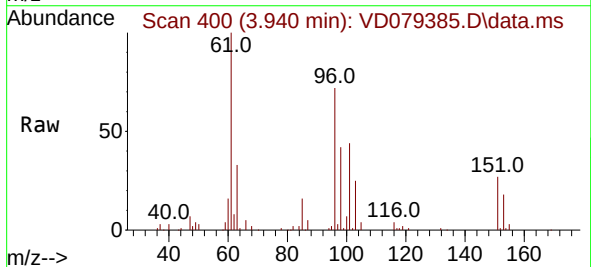
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

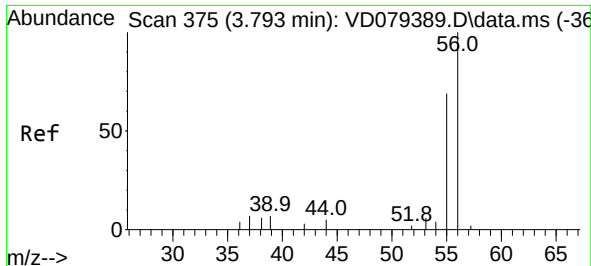
Tgt Ion: 59 Resp: 37535
Ion Ratio Lower Upper
59 100
57 10.3 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 52.872 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 96 Resp: 109299
Ion Ratio Lower Upper
96 100
61 139.6 107.3 160.9
98 58.8 51.7 77.5





#13

Acrolein

Concen: 336.429 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

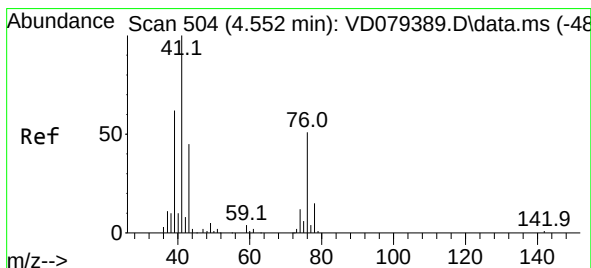
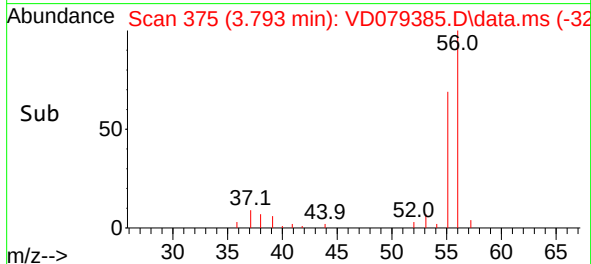
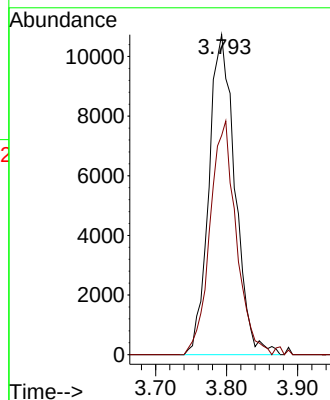
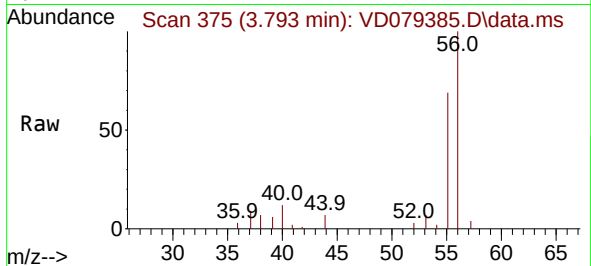
VSTDCCC050

Tgt Ion: 56 Resp: 27492

Ion Ratio Lower Upper

56 100

55 72.9 55.3 82.9



#14

Allyl chloride

Concen: 52.987 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

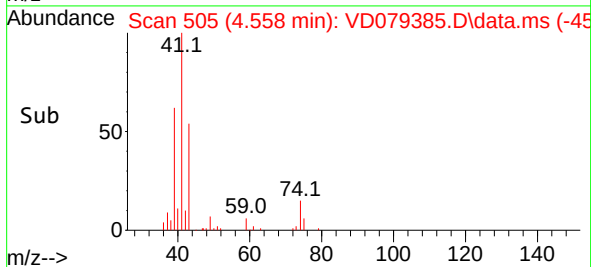
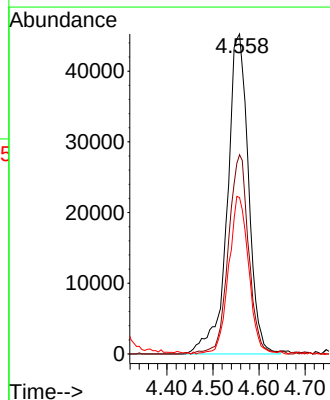
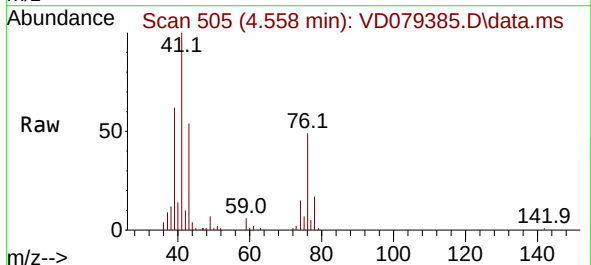
Tgt Ion: 41 Resp: 144363

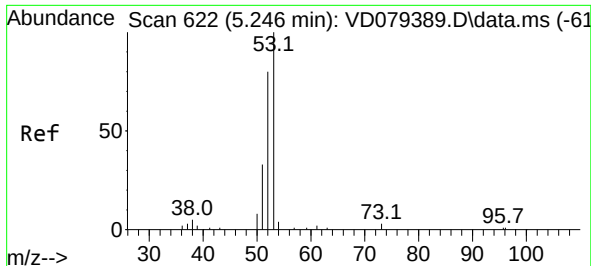
Ion Ratio Lower Upper

41 100

39 59.5 58.0 87.0

76 46.4 45.9 68.9

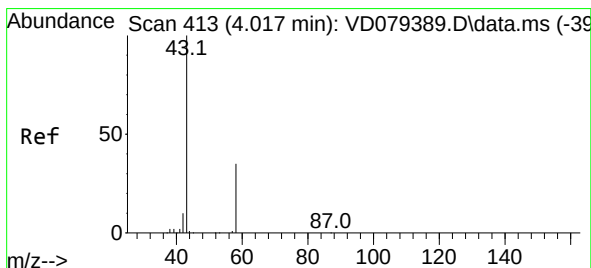
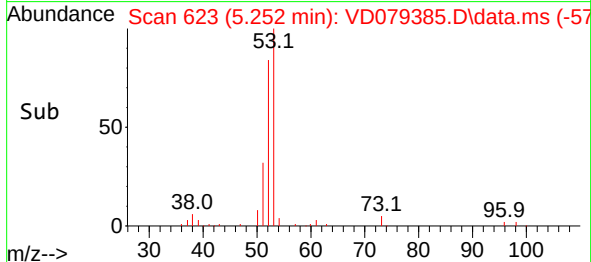
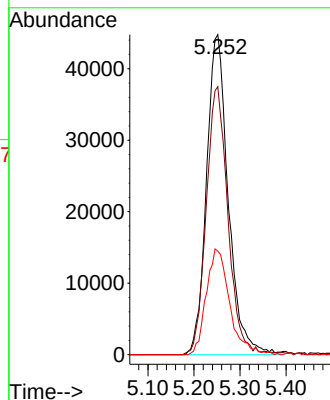
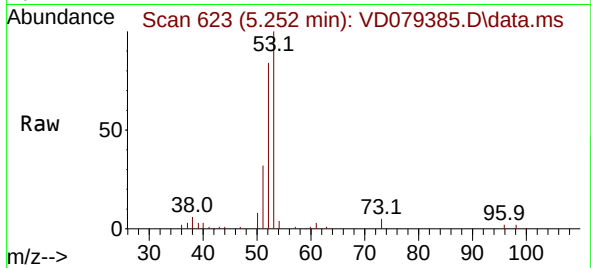




#15
Acrylonitrile
Concen: 300.458 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

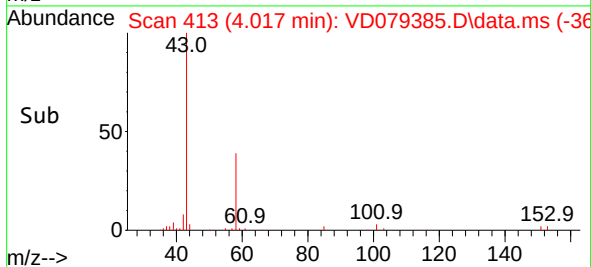
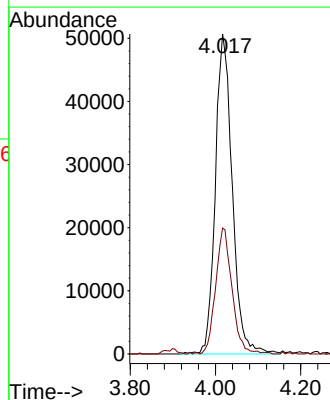
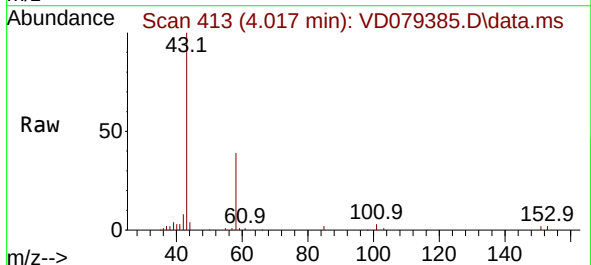
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

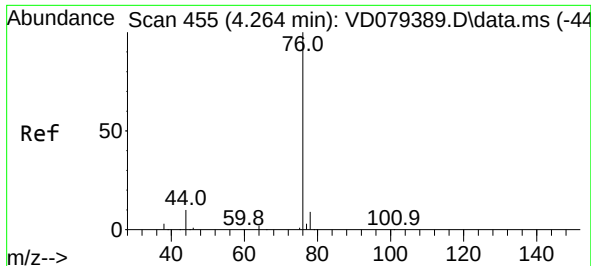
Tgt Ion: 53 Resp: 147249
Ion Ratio Lower Upper
53 100
52 82.9 67.7 101.5
51 35.4 28.6 42.8



#16
Acetone
Concen: 351.179 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 43 Resp: 139708
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6

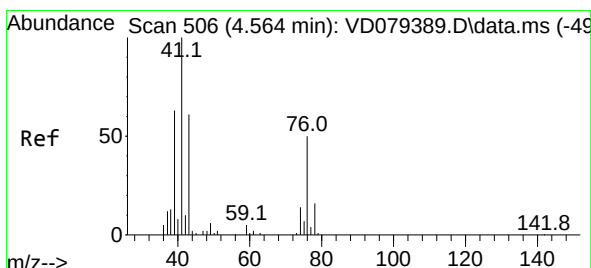
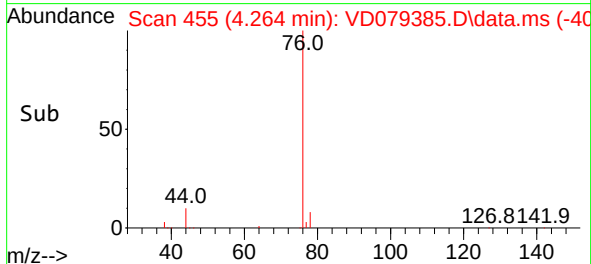
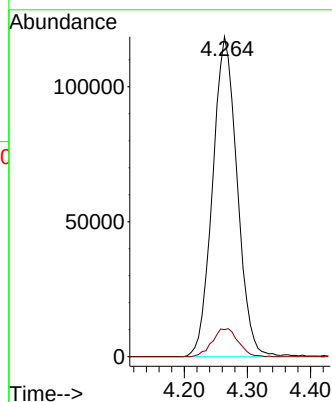
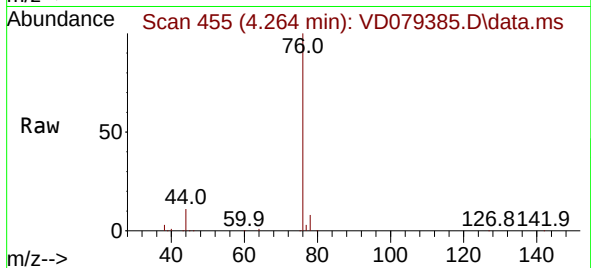




#17
Carbon Disulfide
Concen: 52.785 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

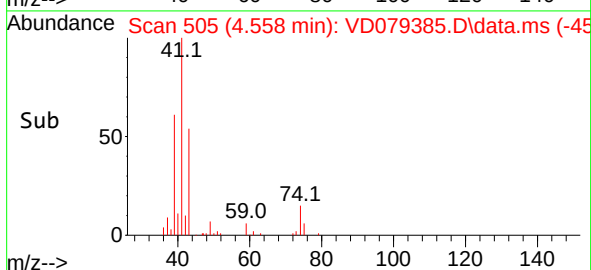
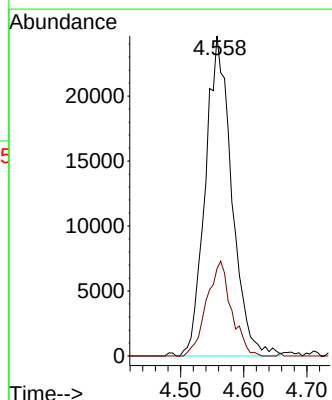
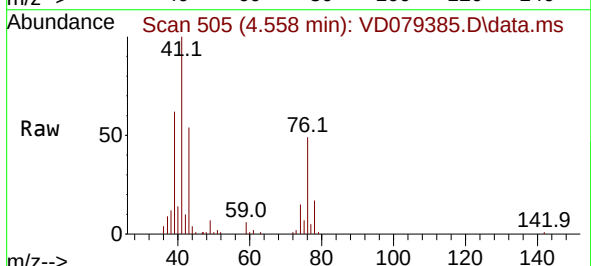
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

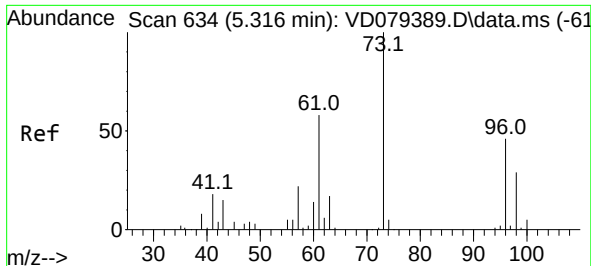
Tgt Ion: 76 Resp: 320416
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3



#18
Methyl Acetate
Concen: 61.328 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 43 Resp: 71661
Ion Ratio Lower Upper
43 100
74 27.7 28.1 42.1#

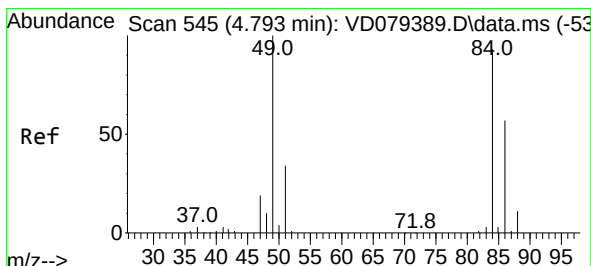
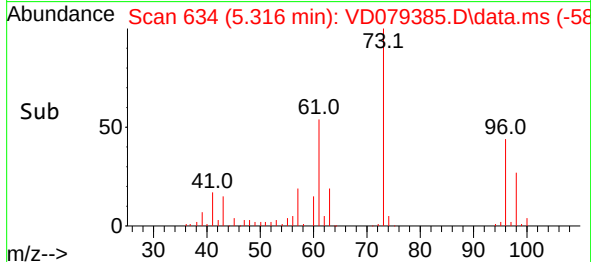
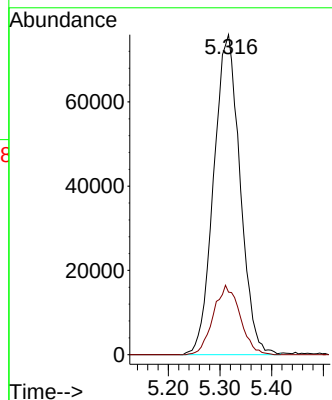
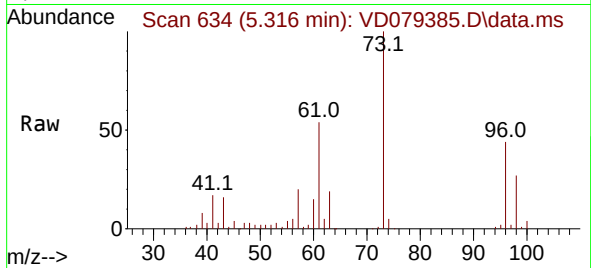




#19
Methyl tert-butyl Ether
Concen: 58.161 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

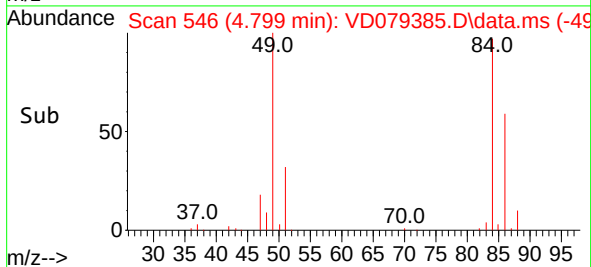
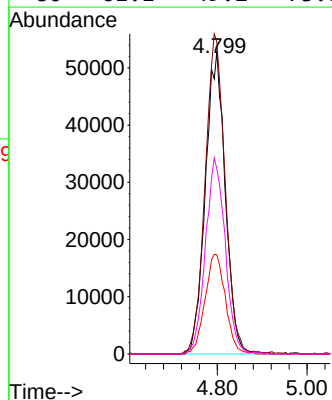
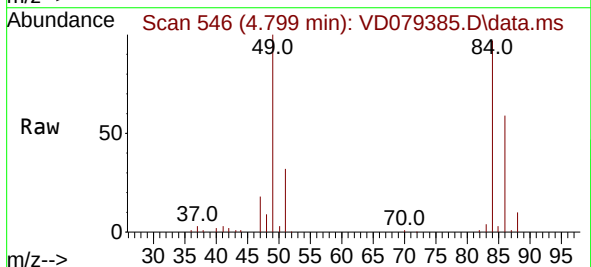
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

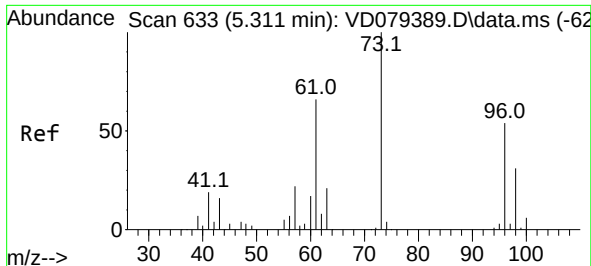
Tgt Ion: 73 Resp: 268832
Ion Ratio Lower Upper
73 100
57 19.6 18.3 27.5



#20
Methylene Chloride
Concen: 52.380 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 84 Resp: 163096
Ion Ratio Lower Upper
84 100
49 103.2 75.6 113.4
51 32.8 24.2 36.2
86 61.1 49.2 73.8

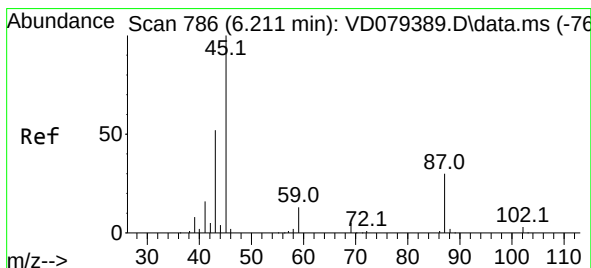
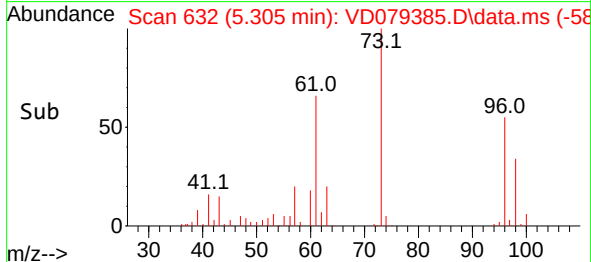
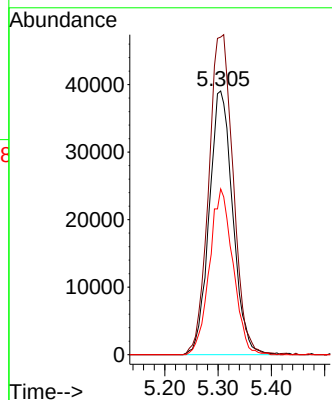
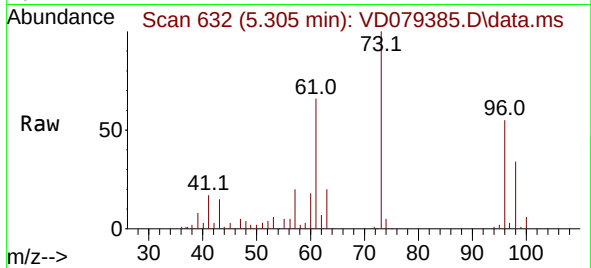




#21
trans-1,2-Dichloroethene
Concen: 51.683 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

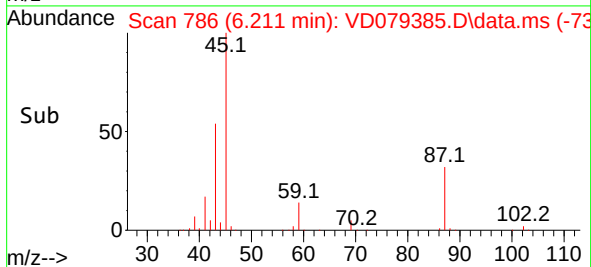
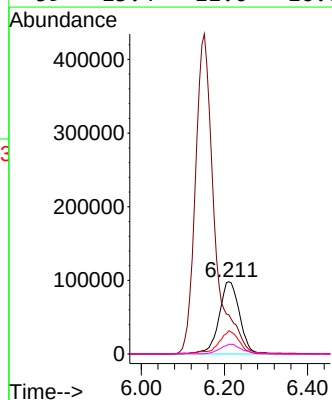
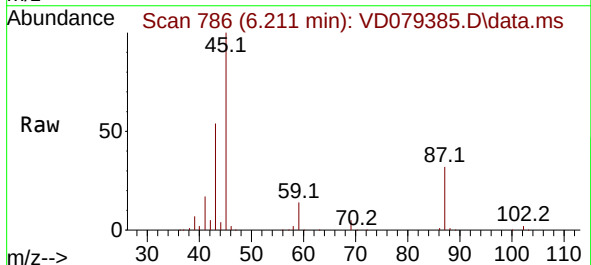
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

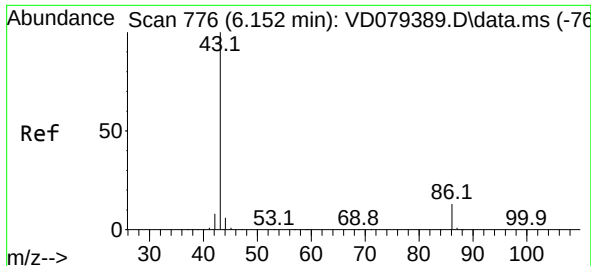
Tgt Ion: 96 Resp: 120046
Ion Ratio Lower Upper
96 100
61 120.4 84.5 126.7
98 62.8 50.5 75.7



#22
Diisopropyl ether
Concen: 54.581 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 45 Resp: 336037
Ion Ratio Lower Upper
45 100
43 52.9 41.7 62.5
87 32.0 30.2 45.2
59 13.4 11.0 16.6

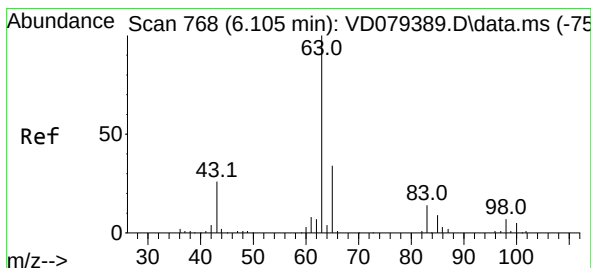
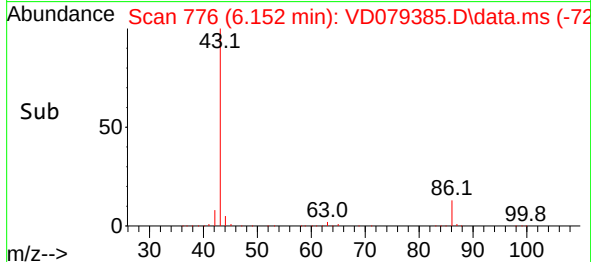
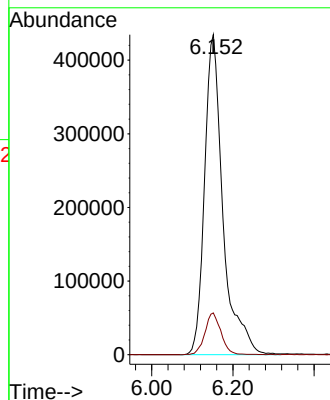
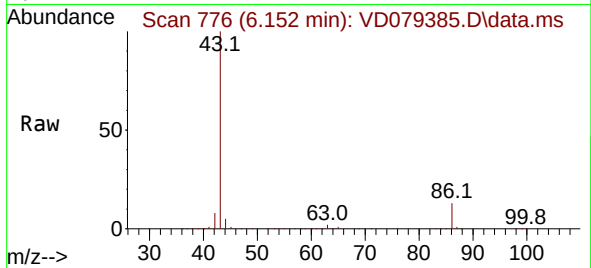




#23
 Vinyl Acetate
 Concen: 287.269 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079385.D
 Acq: 22 Jul 2024 11:29

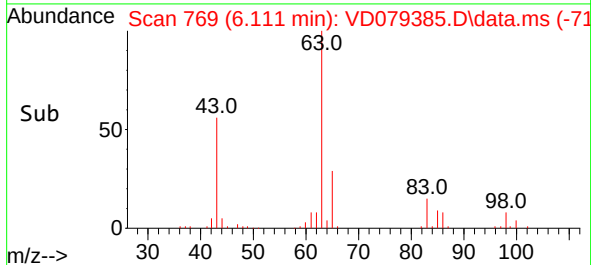
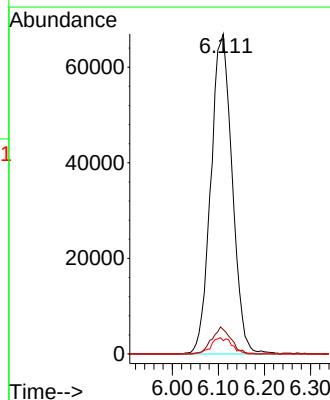
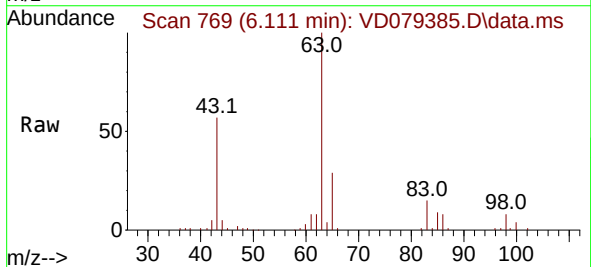
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

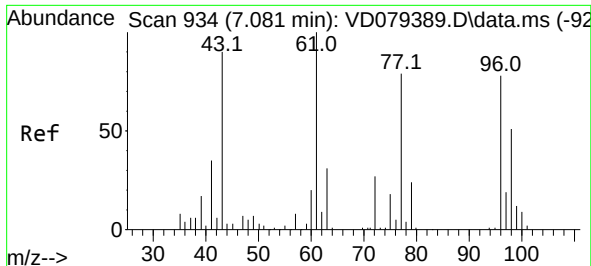
Tgt Ion: 43 Resp: 1366945
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 51.940 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079385.D
 Acq: 22 Jul 2024 11:29

Tgt Ion: 63 Resp: 215403
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.7 14.0
 100 4.2 2.9 8.6





#25

2-Butanone

Concen: 293.172 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

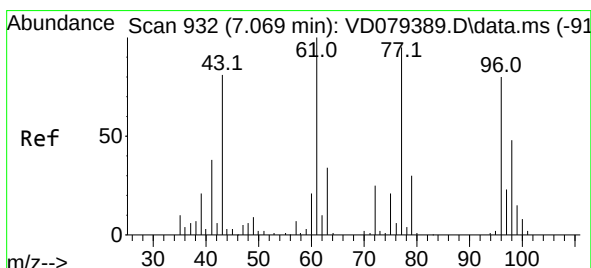
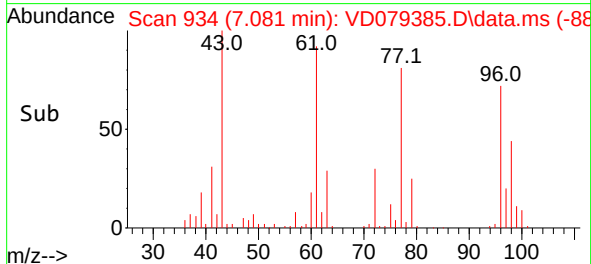
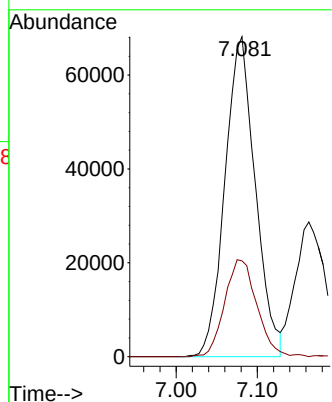
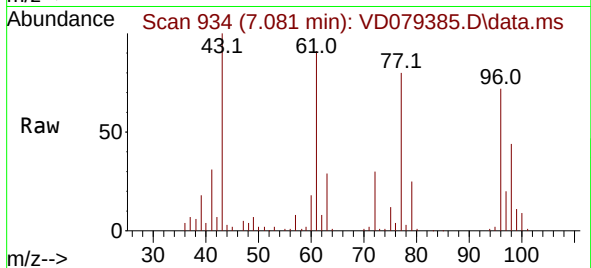
VSTDCCC050

Tgt Ion: 43 Resp: 177445

Ion Ratio Lower Upper

43 100

72 30.0 26.4 39.6



#26

2,2-Dichloropropane

Concen: 51.360 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.006 min

Lab File: VD079385.D

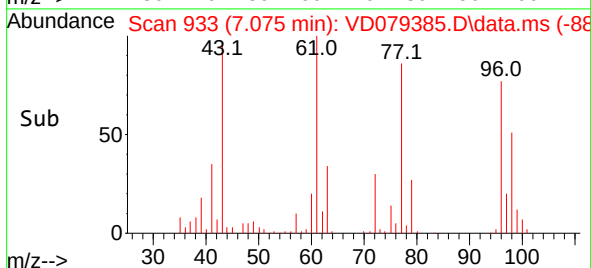
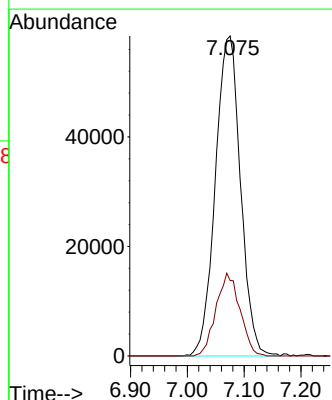
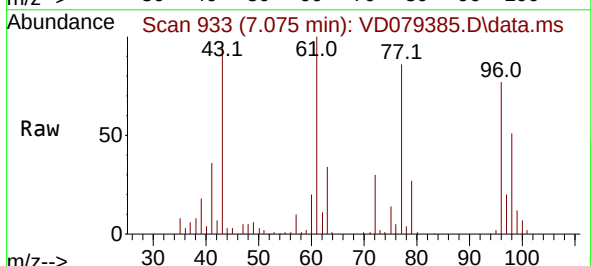
Acq: 22 Jul 2024 11:29

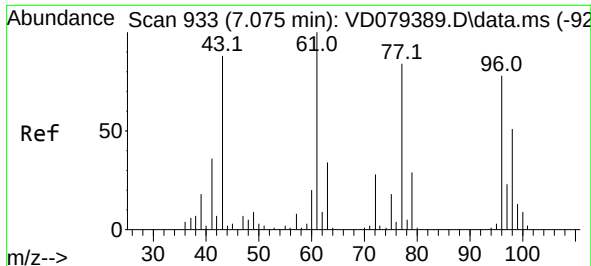
Tgt Ion: 77 Resp: 179758

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.2



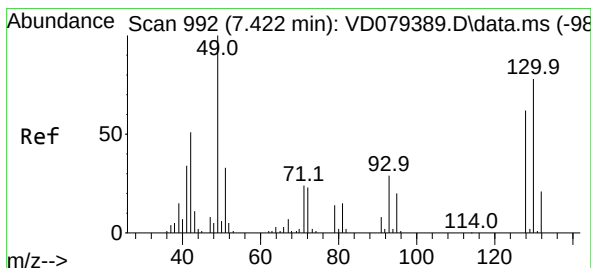
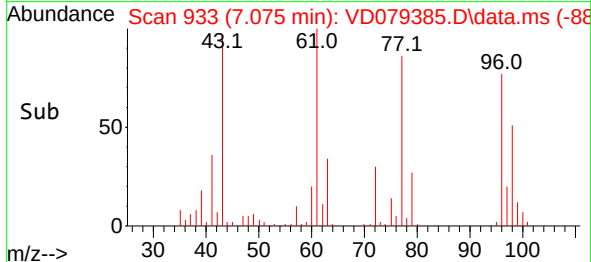
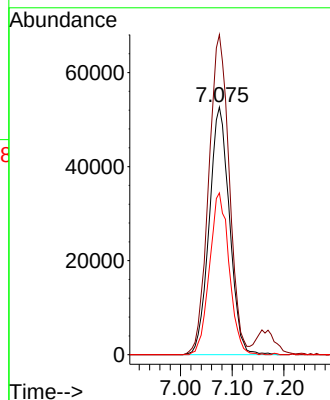
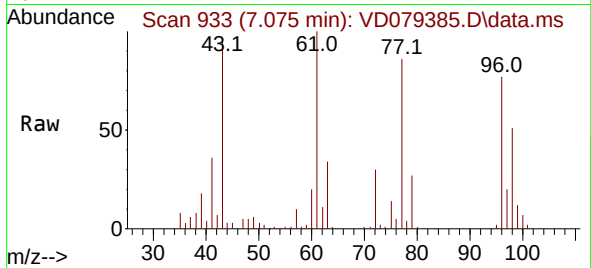


#27
 cis-1,2-Dichloroethene
 Concen: 52.924 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD079385.D
 Acq: 22 Jul 2024 11:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 143288

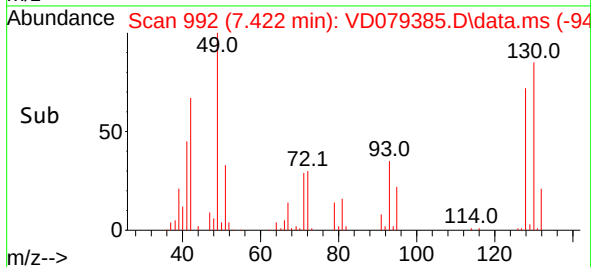
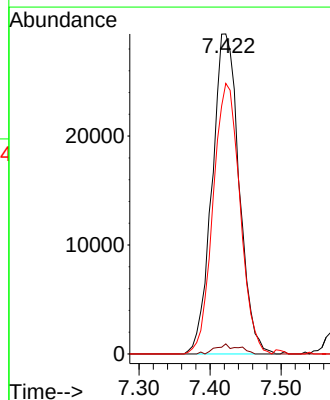
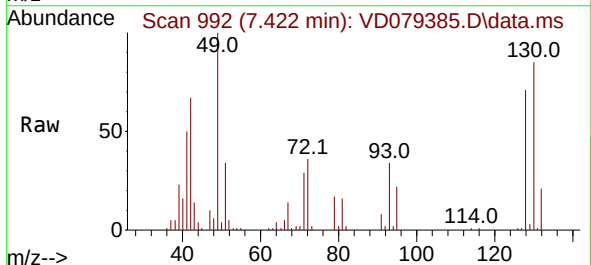
Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	229.0
98	63.3	0.0	127.2

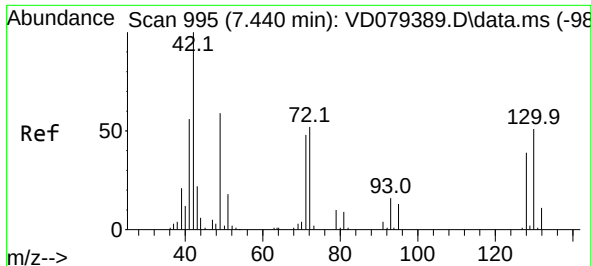


#28
 Bromochloromethane
 Concen: 45.903 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD079385.D
 Acq: 22 Jul 2024 11:29

Tgt Ion: 49 Resp: 77744

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	7.0
130	83.8	87.7	131.5#





#29

Tetrahydrofuran

Concen: 291.373 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

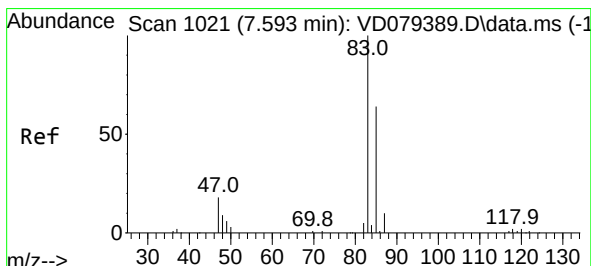
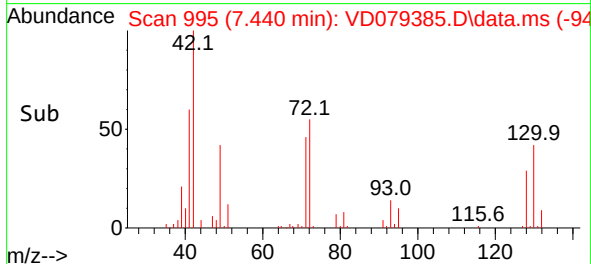
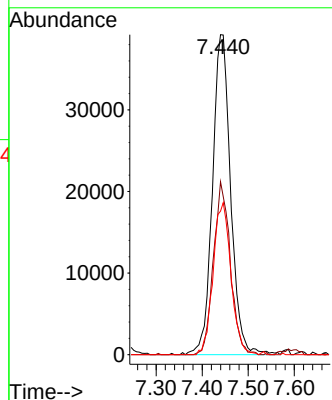
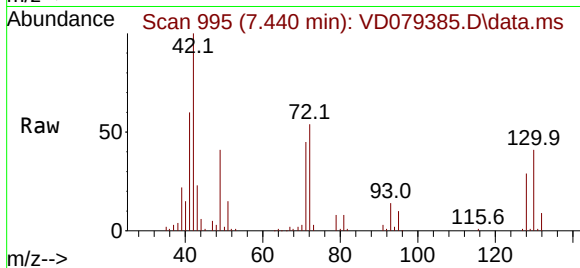
Tgt Ion: 42 Resp: 107898

Ion Ratio Lower Upper

42 100

72 50.0 49.4 74.0

71 46.5 45.0 67.6



#30

Chloroform

Concen: 50.521 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079385.D

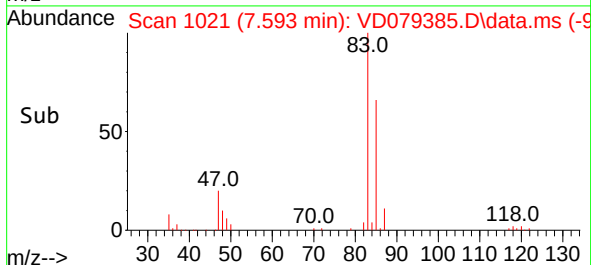
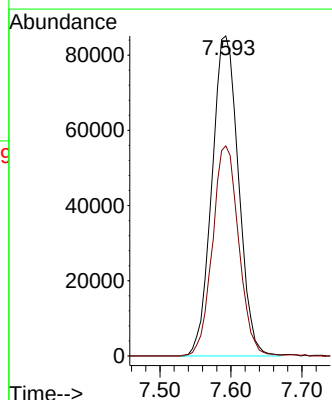
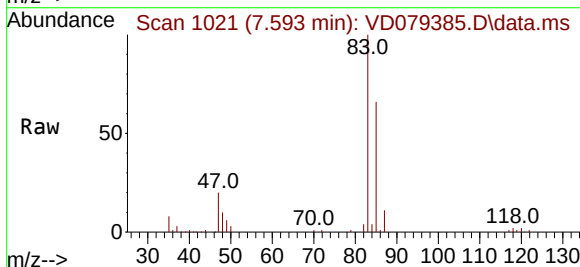
Acq: 22 Jul 2024 11:29

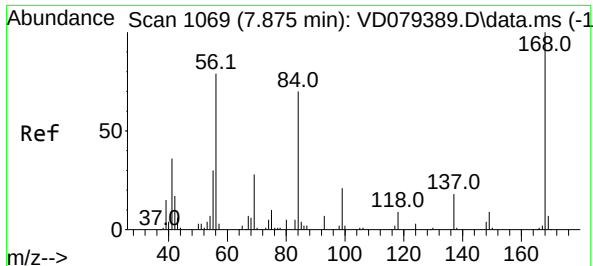
Tgt Ion: 83 Resp: 221384

Ion Ratio Lower Upper

83 100

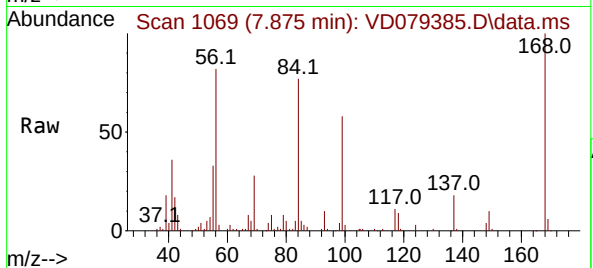
85 65.6 51.8 77.6



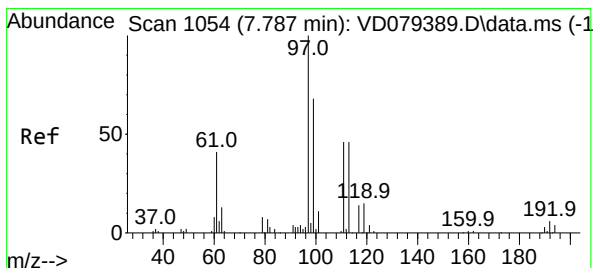
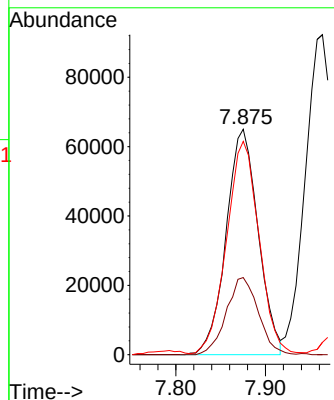
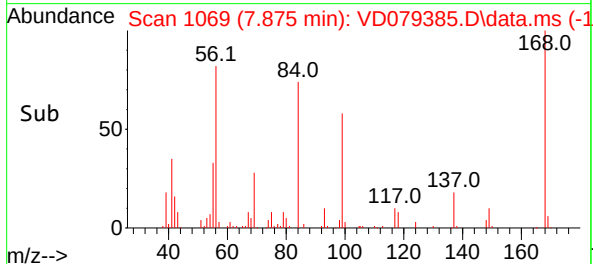


#31
Cyclohexane
Concen: 49.458 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

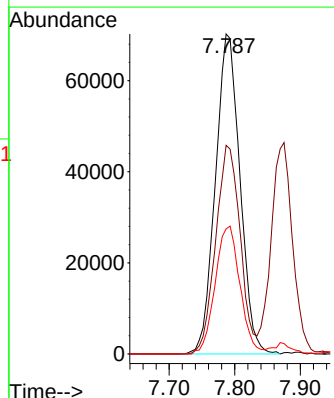
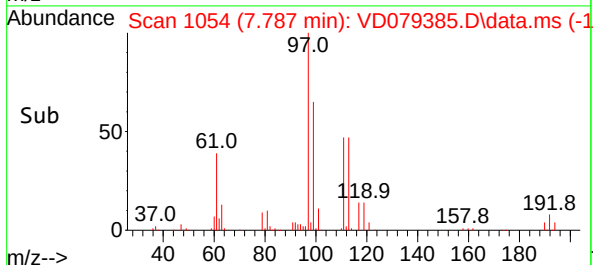
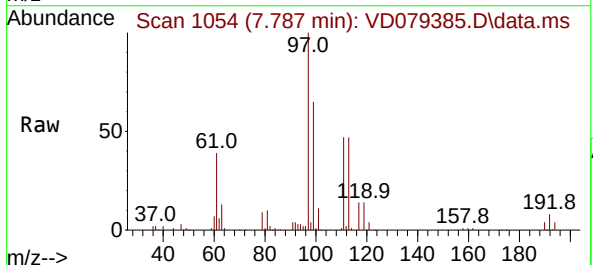


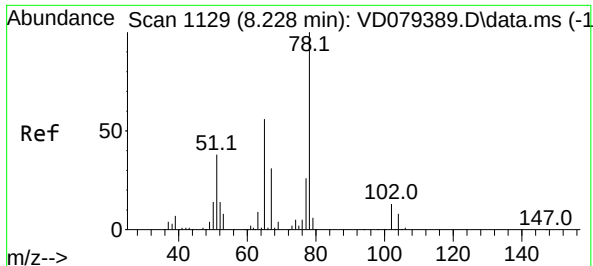
Tgt Ion: 56 Resp: 161120
Ion Ratio Lower Upper
56 100
69 34.2 28.0 42.0
84 93.1 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 50.921 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 97 Resp: 182615
Ion Ratio Lower Upper
97 100
99 65.2 51.3 76.9
61 40.3 31.4 47.2

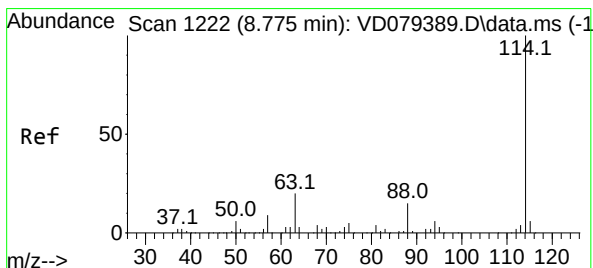
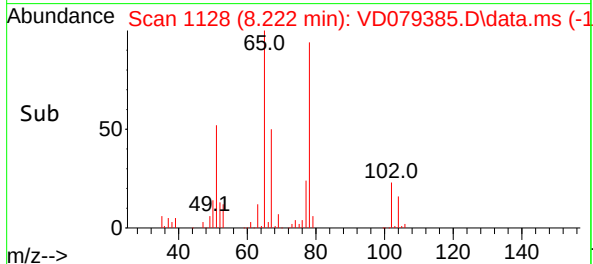
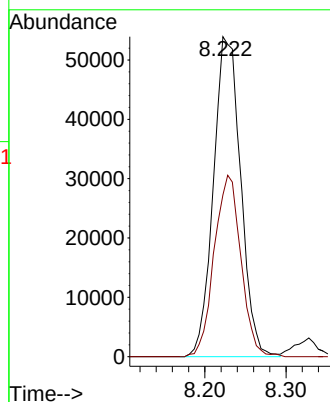
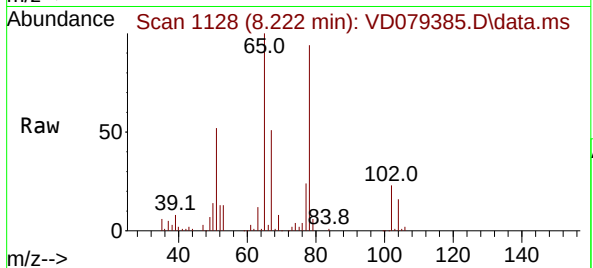




#33
1,2-Dichloroethane-d4
Concen: 60.764 ug/l
RT: 8.222 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

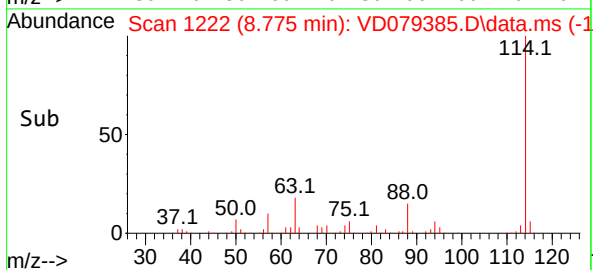
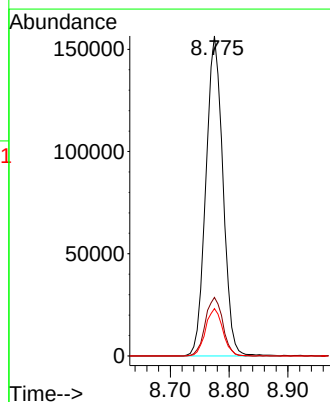
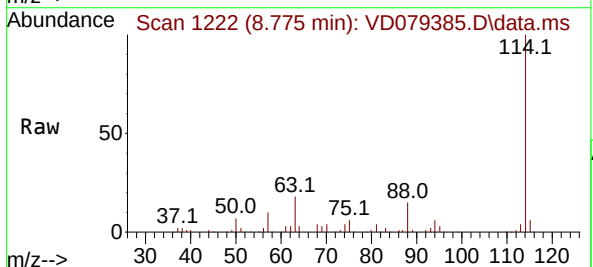
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

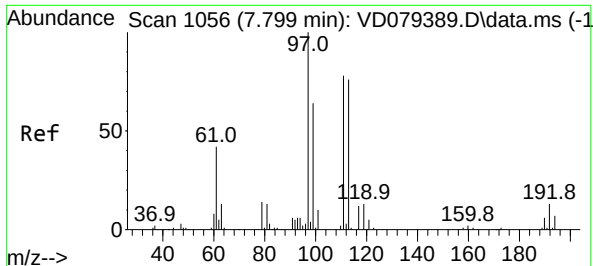
Tgt Ion: 65 Resp: 125797
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 114 Resp: 314587
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.0
88 14.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 60.282 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

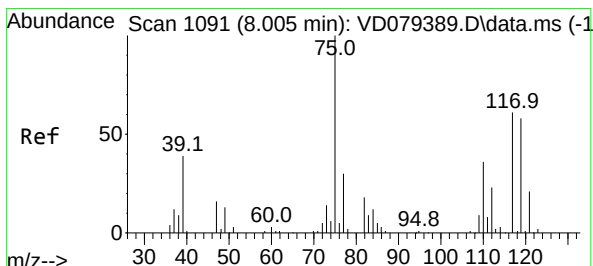
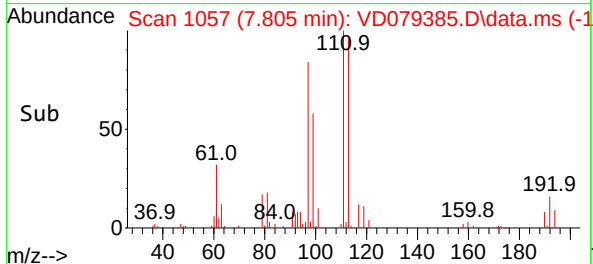
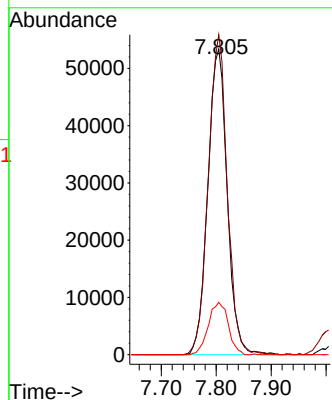
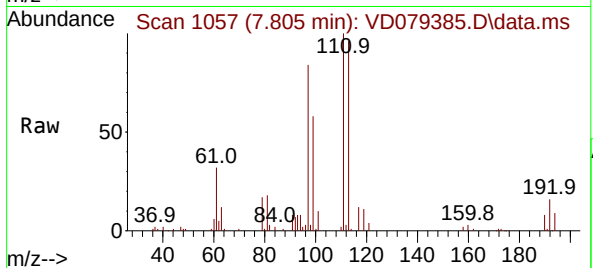
Tgt Ion:113 Resp: 130911

Ion Ratio Lower Upper

113 100

111 102.6 84.0 126.0

192 17.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 51.731 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

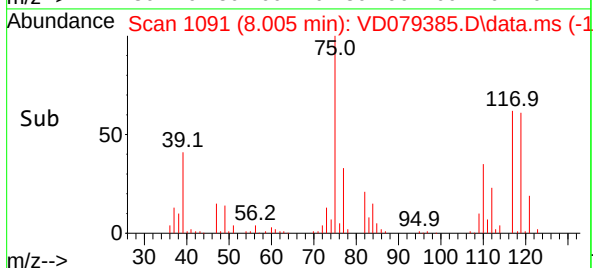
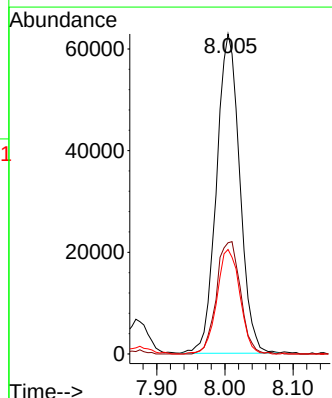
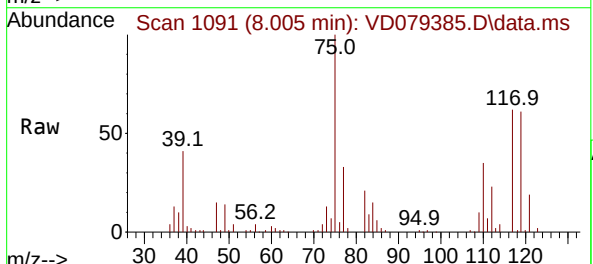
Tgt Ion: 75 Resp: 149178

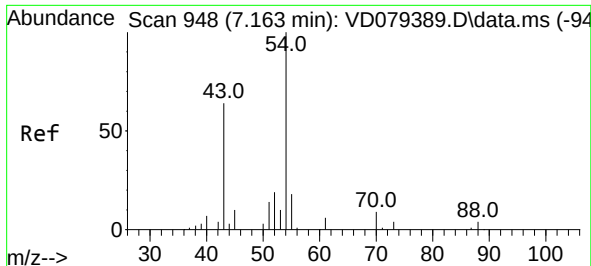
Ion Ratio Lower Upper

75 100

110 36.4 19.6 58.7

77 32.5 26.1 39.1





#37

Ethyl Acetate

Concen: 60.486 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

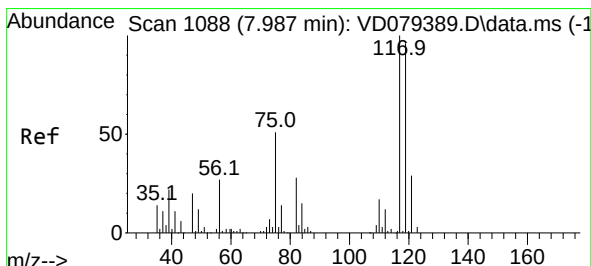
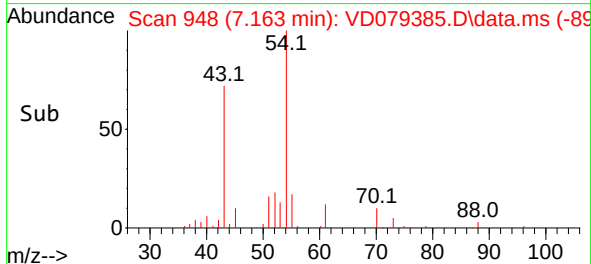
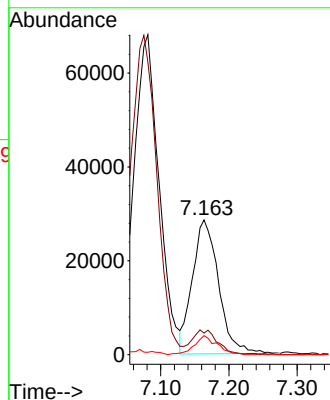
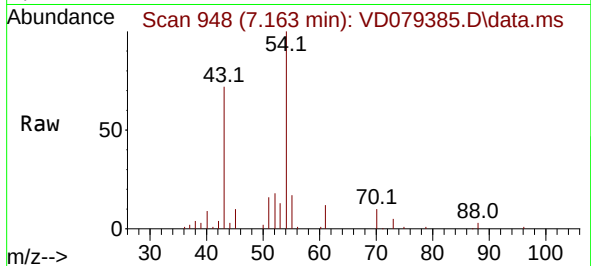
Tgt Ion: 43 Resp: 76145

Ion Ratio Lower Upper

43 100

61 16.8 13.9 20.9

70 12.2 9.8 14.6



#38

Carbon Tetrachloride

Concen: 52.766 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

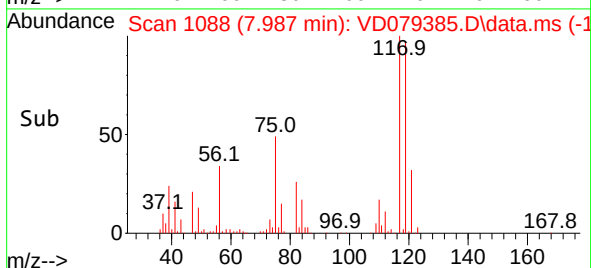
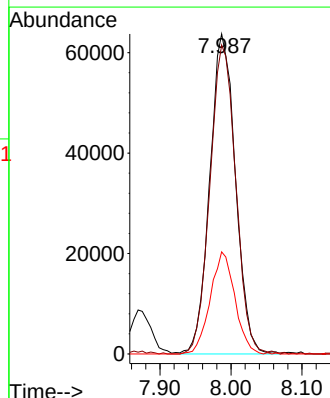
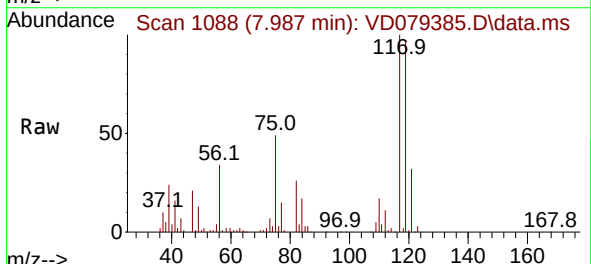
Tgt Ion: 117 Resp: 159749

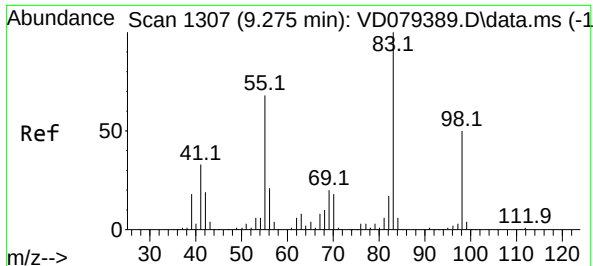
Ion Ratio Lower Upper

117 100

119 96.6 75.4 113.0

121 31.9 25.0 37.4





#39

Methylcyclohexane

Concen: 54.126 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

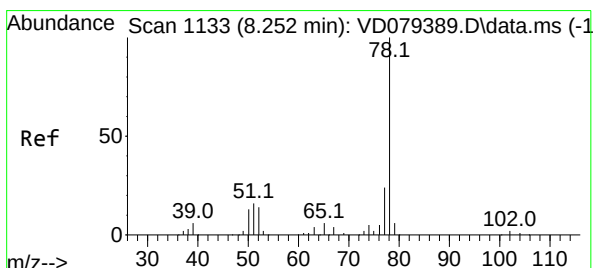
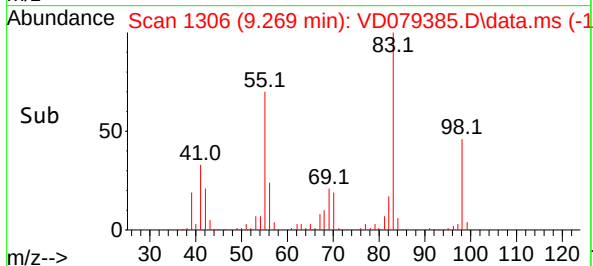
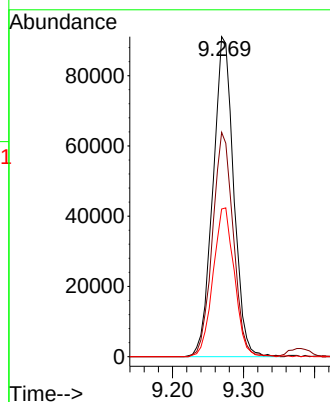
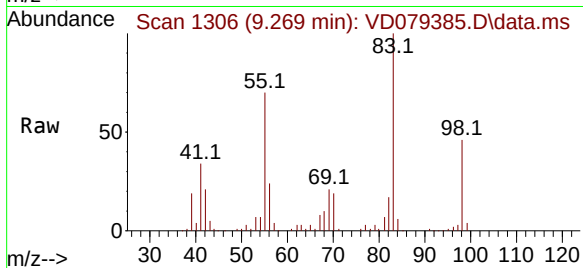
Tgt Ion: 83 Resp: 184408

Ion Ratio Lower Upper

83 100

55 70.1 50.1 75.1

98 46.2 41.9 62.9



#40

Benzene

Concen: 54.052 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD079385.D

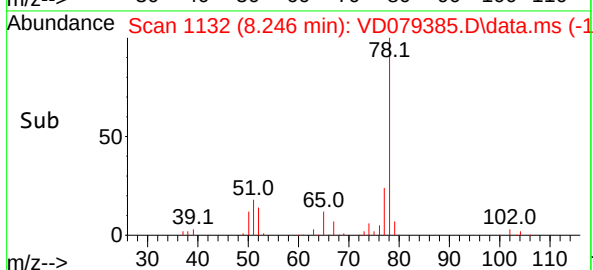
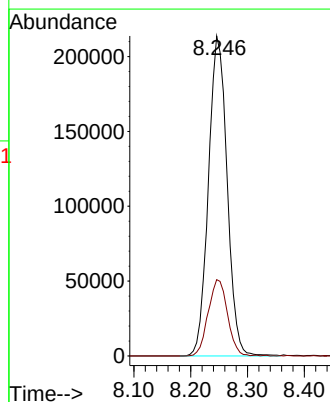
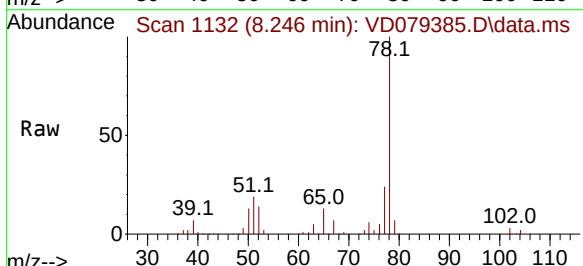
Acq: 22 Jul 2024 11:29

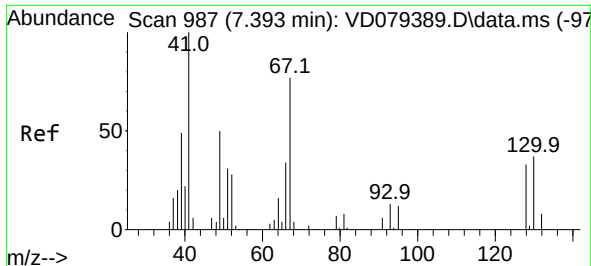
Tgt Ion: 78 Resp: 486810

Ion Ratio Lower Upper

78 100

77 23.8 18.1 27.1

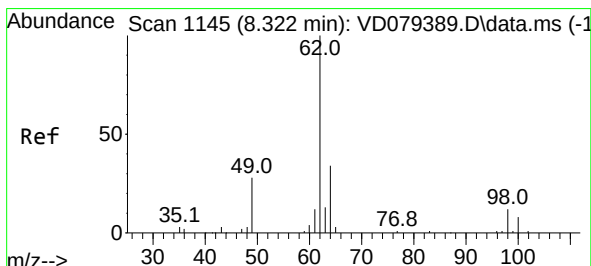
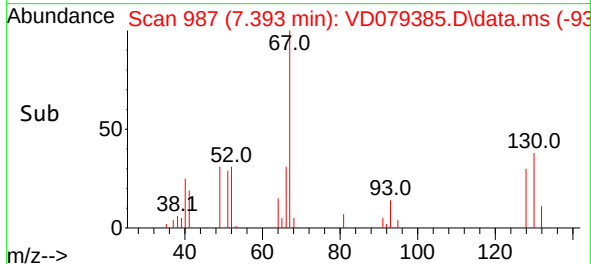
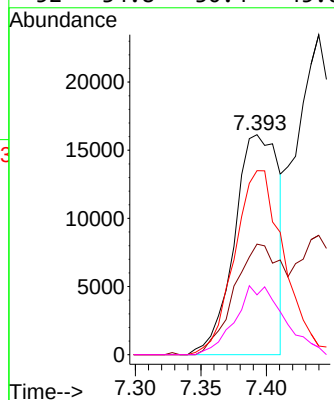
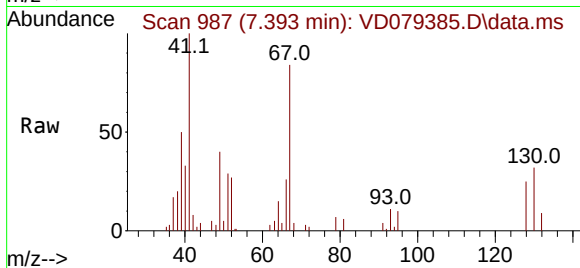




#41
Methacrylonitrile
Concen: 54.350 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

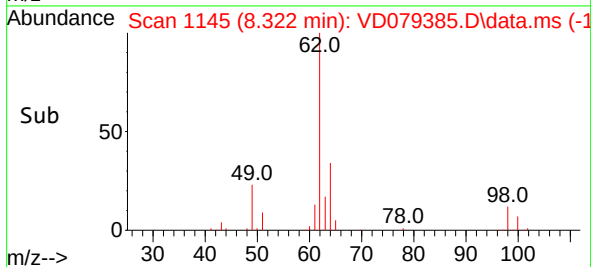
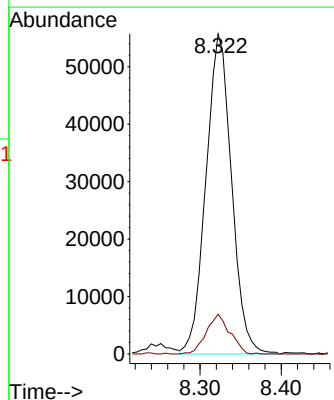
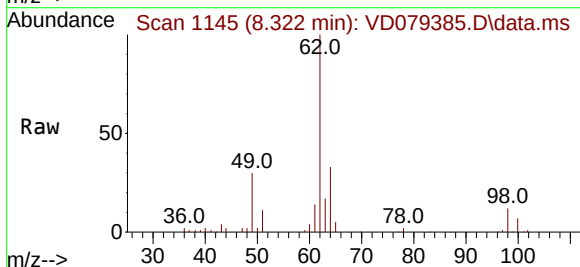
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

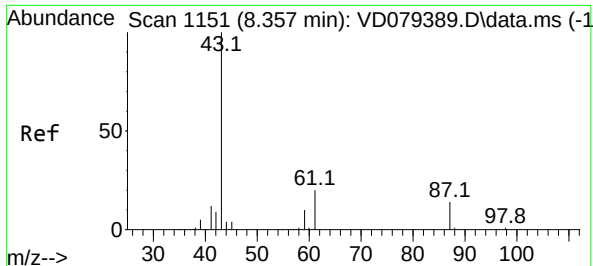
Tgt Ion: 41	Resp: 37839
Ion Ratio	Lower Upper
41 100	
39 55.5	41.4 62.0
67 93.2	85.8 128.6
52 34.8	30.4 45.6



#42
1,2-Dichloroethane
Concen: 54.360 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 62	Resp: 122128
Ion Ratio	Lower Upper
62 100	
98 11.4	0.0 25.8





#43

Isopropyl Acetate

Concen: 57.432 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

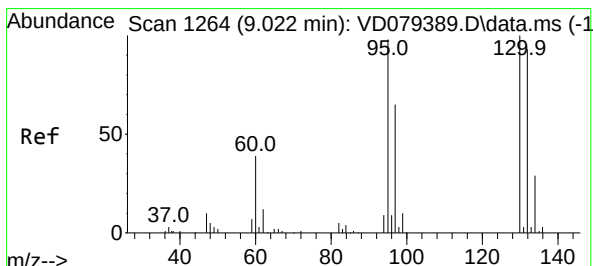
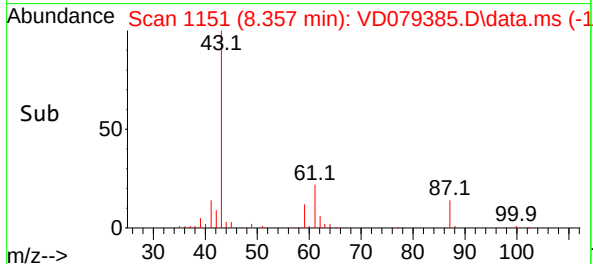
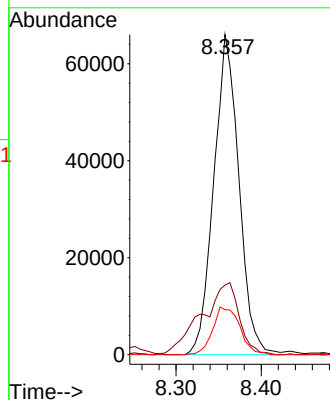
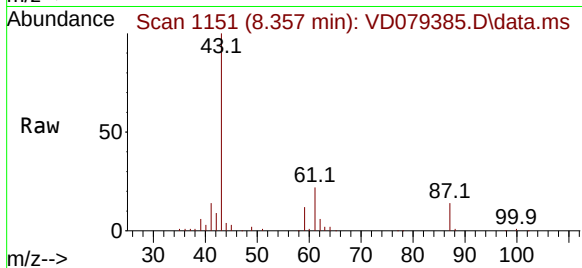
Tgt Ion: 43 Resp: 135143

Ion Ratio Lower Upper

43 100

61 33.9 29.3 43.9

87 16.0 14.9 22.3



#44

Trichloroethene

Concen: 51.541 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VD079385.D

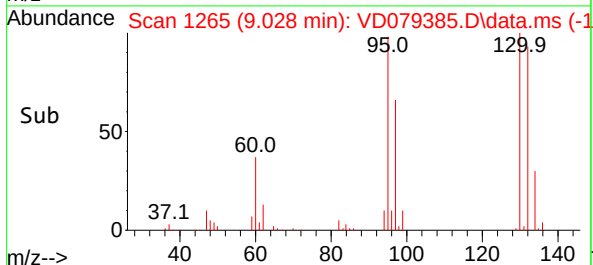
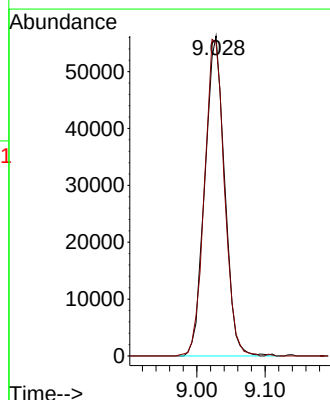
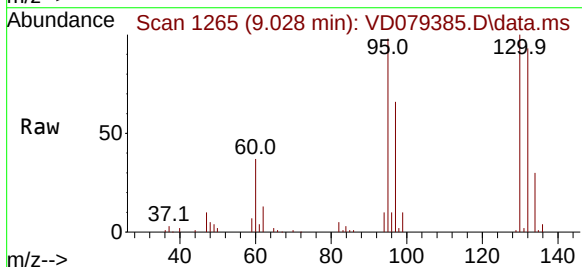
Acq: 22 Jul 2024 11:29

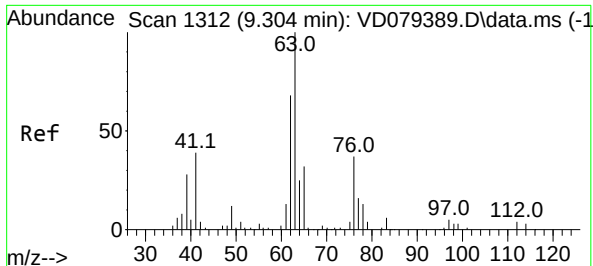
Tgt Ion:130 Resp: 113456

Ion Ratio Lower Upper

130 100

95 98.0 0.0 177.8





#45

1,2-Dichloropropane

Concen: 53.818 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

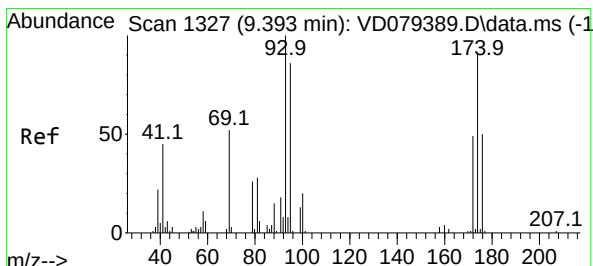
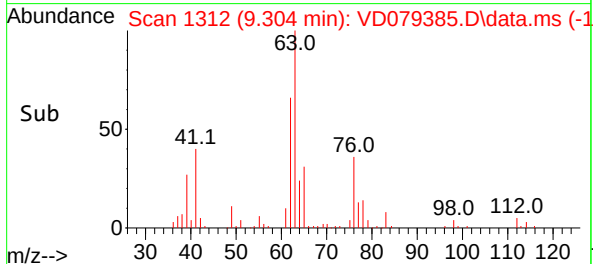
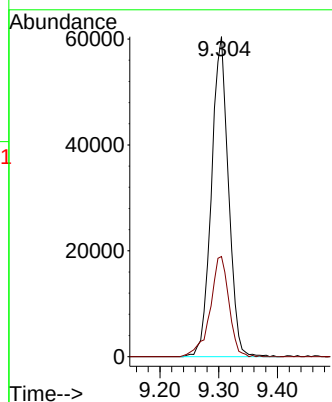
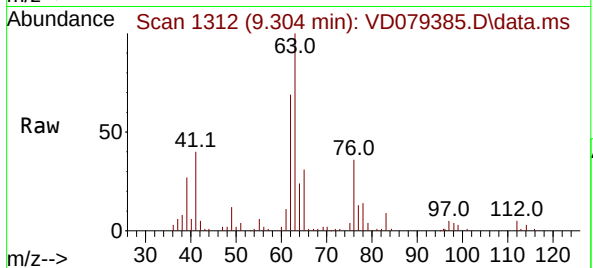
VSTDCCC050

Tgt Ion: 63 Resp: 121248

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.8



#46

Dibromomethane

Concen: 56.191 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

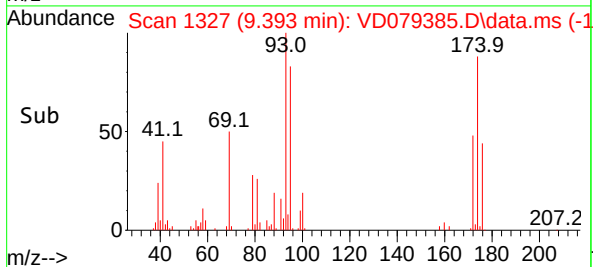
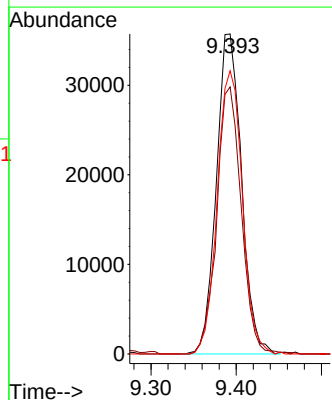
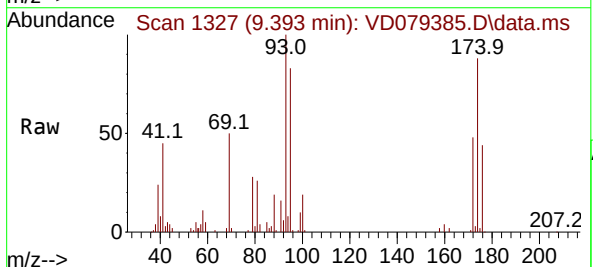
Tgt Ion: 93 Resp: 73140

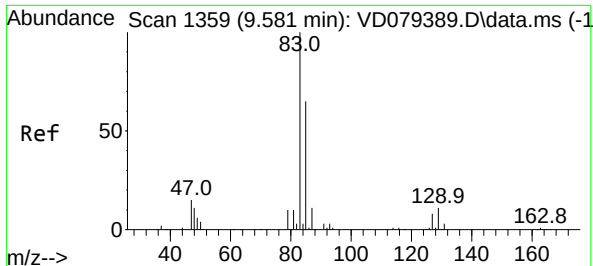
Ion Ratio Lower Upper

93 100

95 81.4 65.6 98.4

174 88.7 82.3 123.5





#47

Bromodichloromethane

Concen: 54.195 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

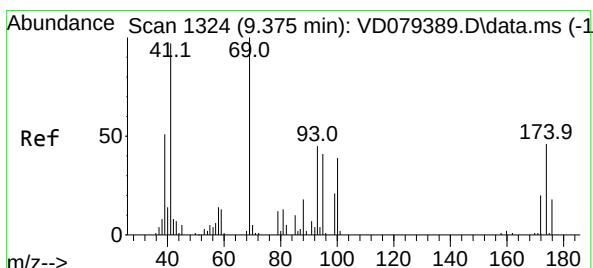
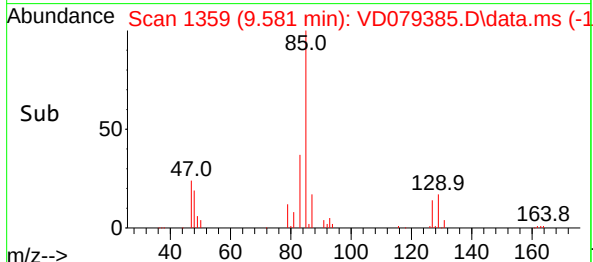
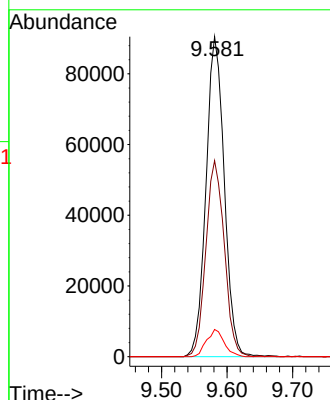
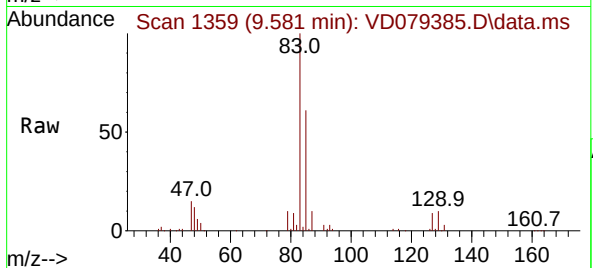
Tgt Ion: 83 Resp: 175621

Ion Ratio Lower Upper

83 100

85 61.3 50.1 75.1

127 8.5 6.8 10.2



#48

Methyl methacrylate

Concen: 60.707 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

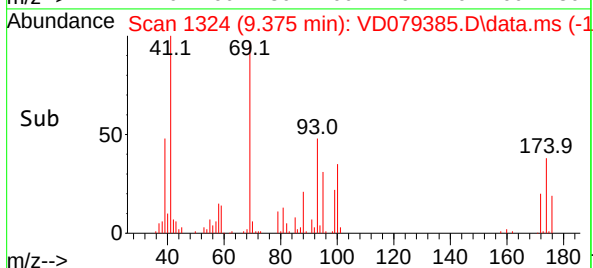
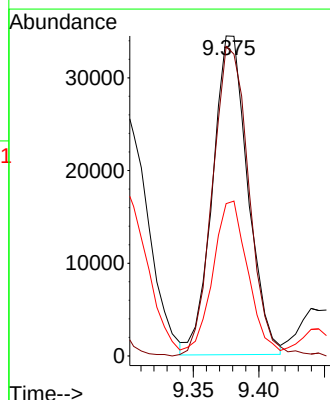
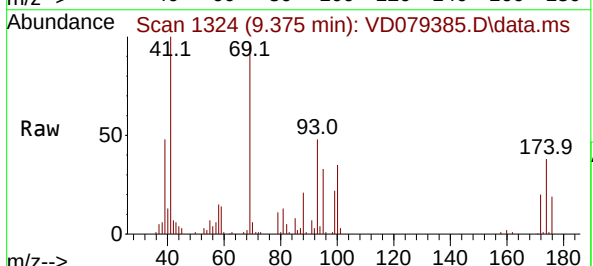
Tgt Ion: 41 Resp: 64351

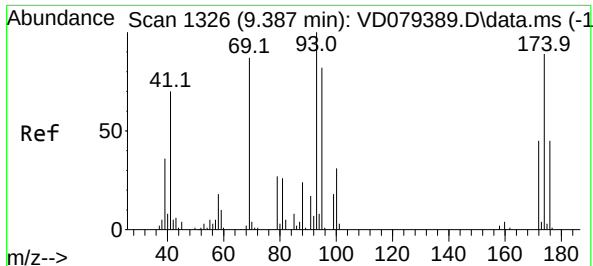
Ion Ratio Lower Upper

41 100

69 100.3 96.7 145.1

39 45.6 43.8 65.6





#49

1,4-Dioxane

Concen: 1272.476 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

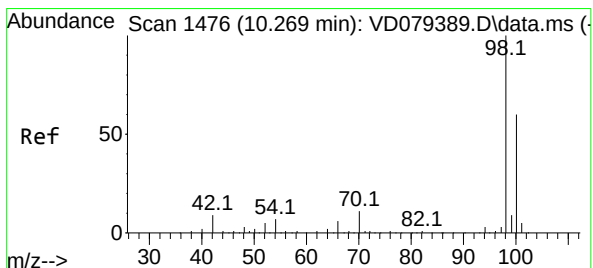
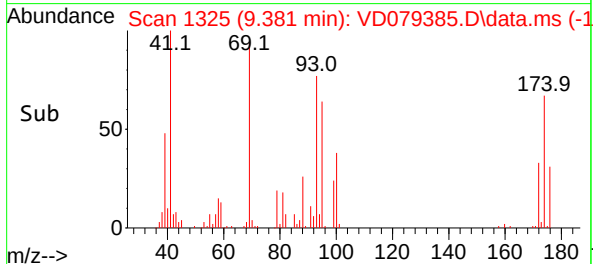
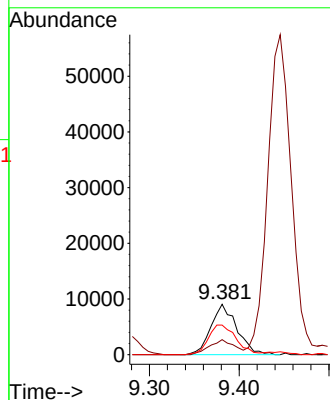
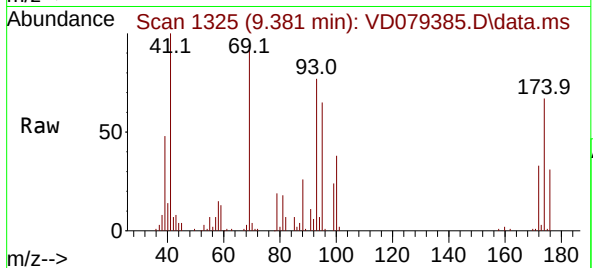
Tgt Ion: 88 Resp: 18206

Ion Ratio Lower Upper

88 100

43 28.3 21.5 32.3

58 62.4 42.2 63.4



#50

Toluene-d8

Concen: 61.433 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079385.D

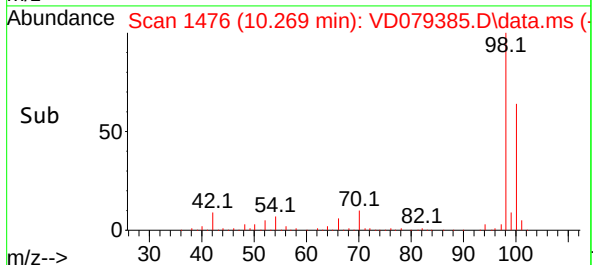
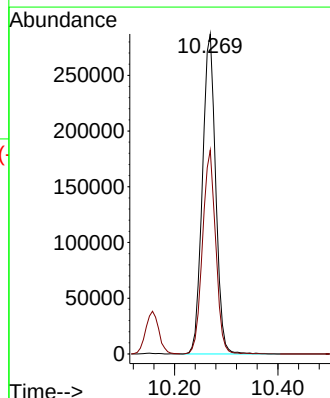
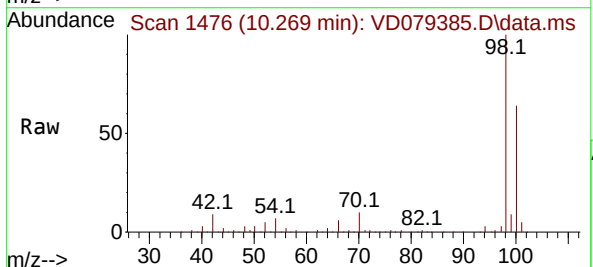
Acq: 22 Jul 2024 11:29

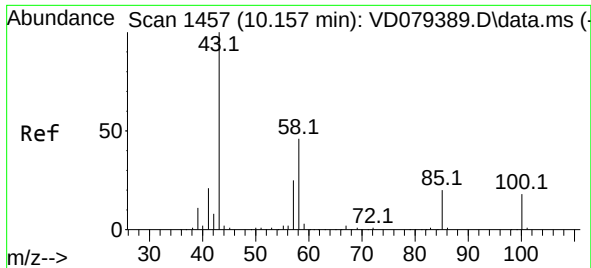
Tgt Ion: 98 Resp: 510679

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4

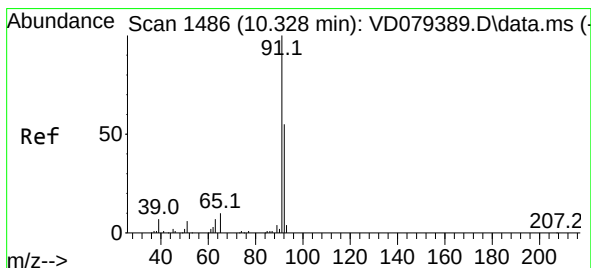
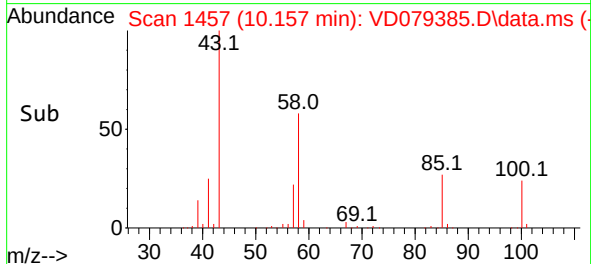
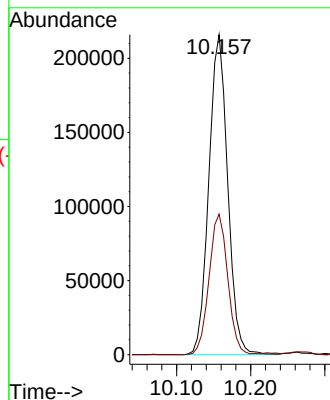
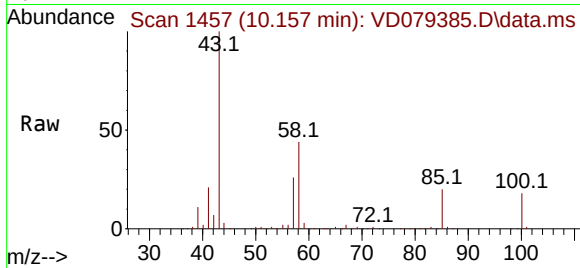




#51
4-Methyl-2-Pentanone
Concen: 306.254 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

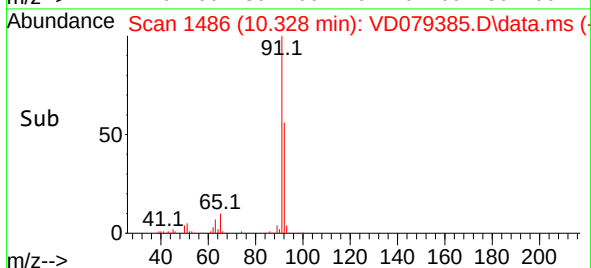
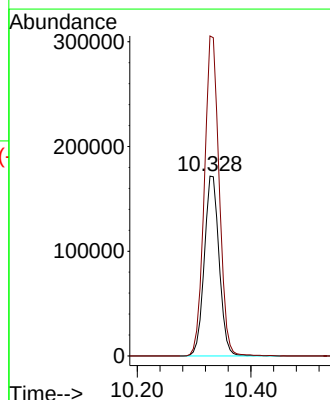
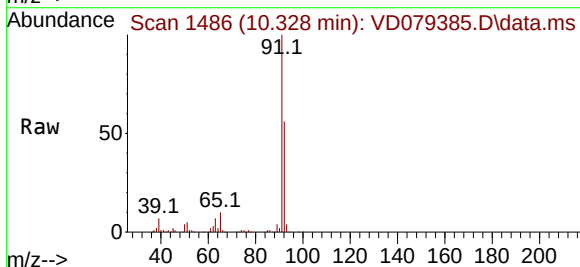
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

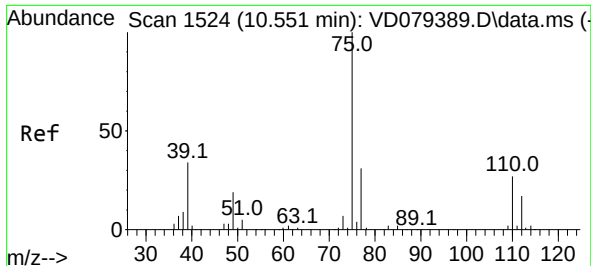
Tgt Ion: 43 Resp: 381937
Ion Ratio Lower Upper
43 100
58 43.8 36.6 55.0



#52
Toluene
Concen: 54.837 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 92 Resp: 310593
Ion Ratio Lower Upper
92 100
91 177.7 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 56.422 ug/l

RT: 10.551 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

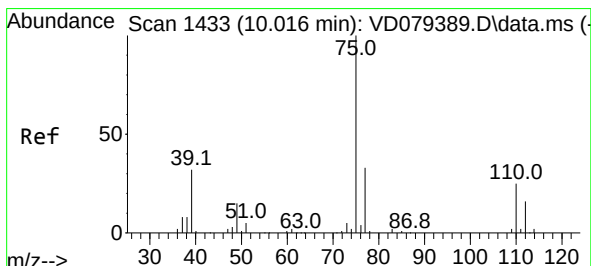
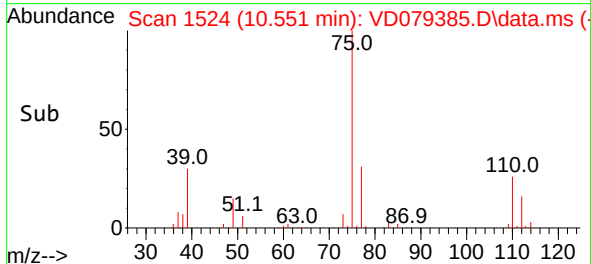
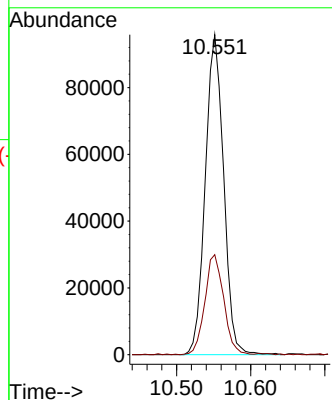
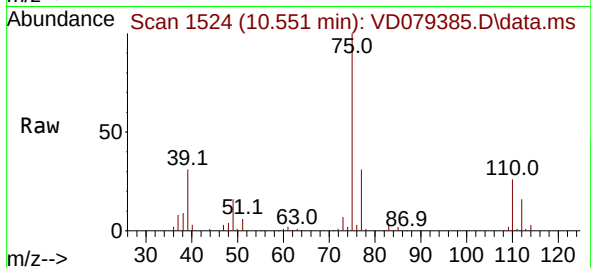
VSTDCCC050

Tgt Ion: 75 Resp: 164900

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 55.806 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

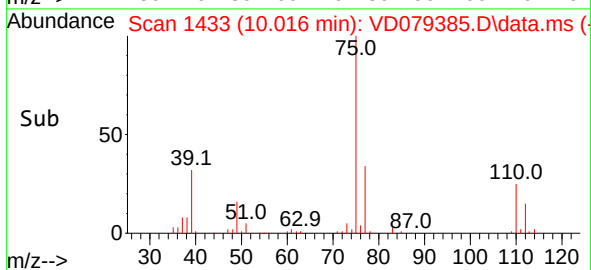
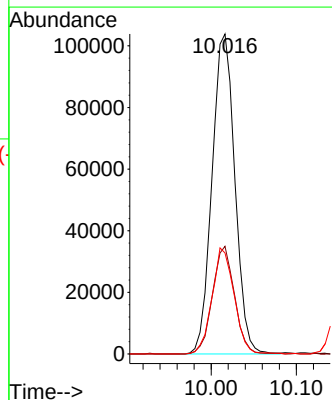
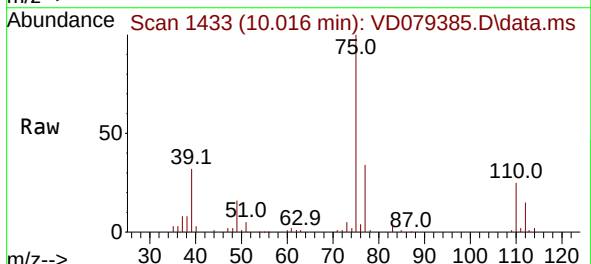
Tgt Ion: 75 Resp: 193590

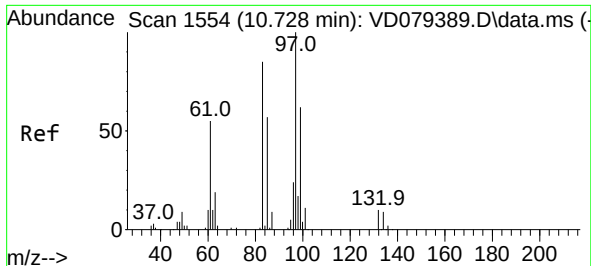
Ion Ratio Lower Upper

75 100

77 33.6 24.4 36.6

39 31.5 24.2 36.2

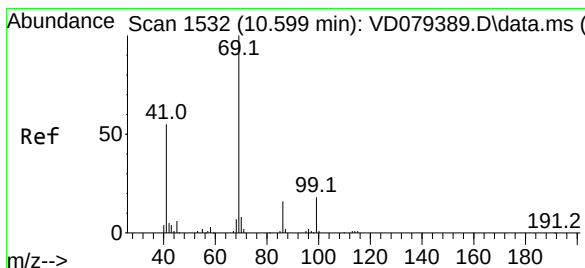
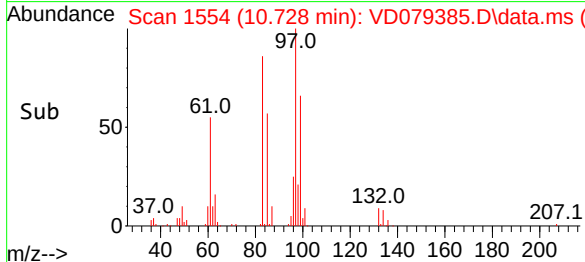
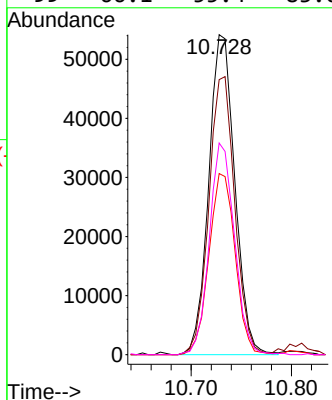
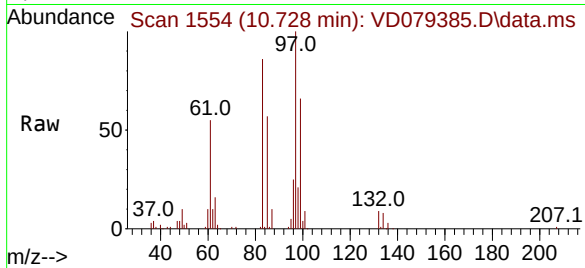




#55
1,1,2-Trichloroethane
Concen: 55.467 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

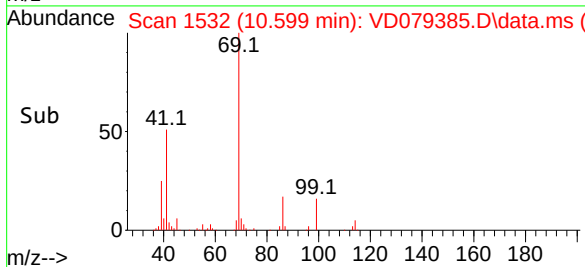
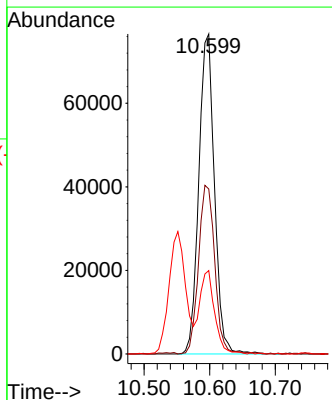
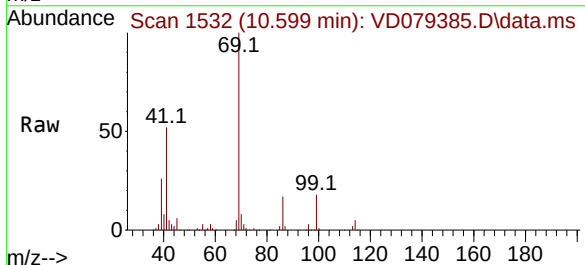
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

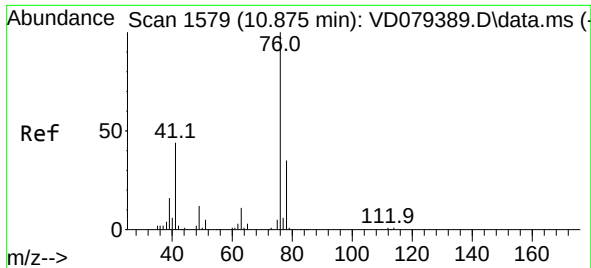
Tgt Ion:	97	Resp:	98096
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.8	98.8
85	56.6	43.8	65.8
99	66.1	55.4	83.0



#56
Ethyl methacrylate
Concen: 59.519 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion:	69	Resp:	127365
Ion	Ratio	Lower	Upper
69	100		
41	54.9	39.8	59.6
39	25.0	20.2	30.4

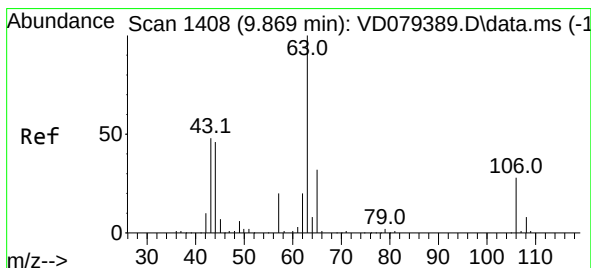
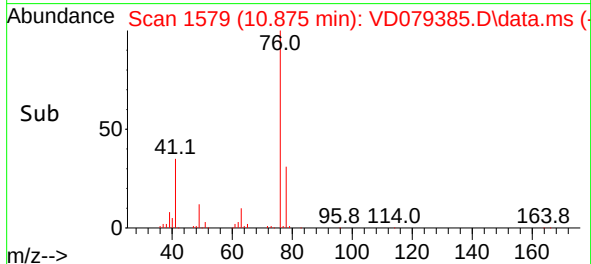
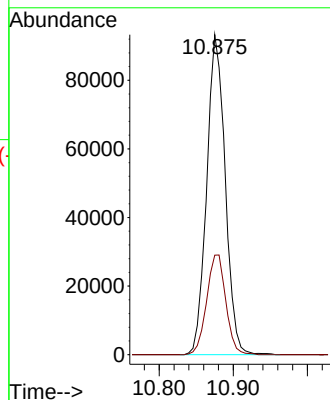
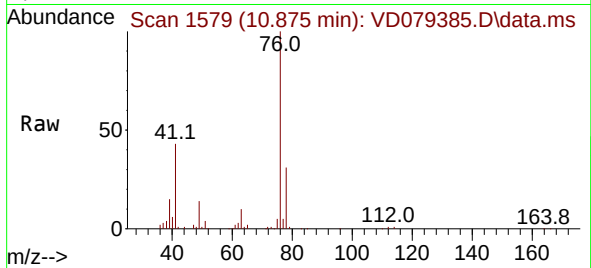




#57
1,3-Dichloropropane
Concen: 55.714 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

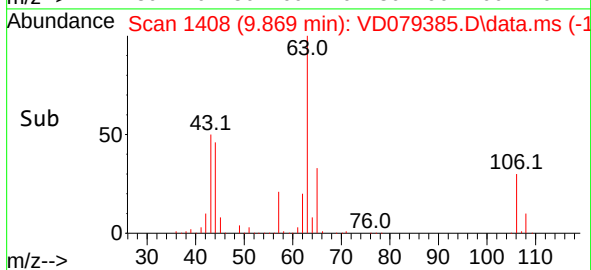
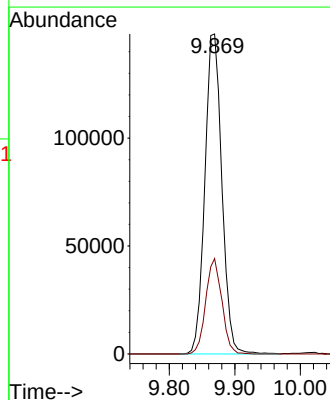
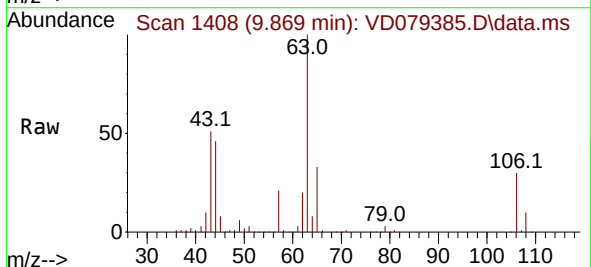
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

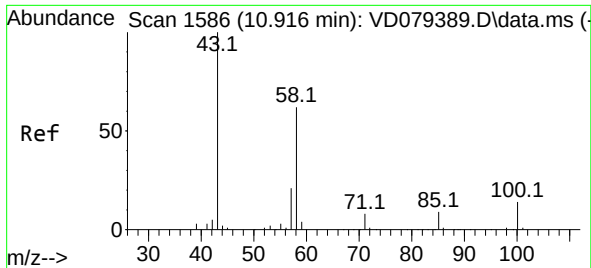
Tgt Ion: 76 Resp: 161840
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 280.877 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 63 Resp: 267769
Ion Ratio Lower Upper
63 100
106 28.2 26.4 39.6

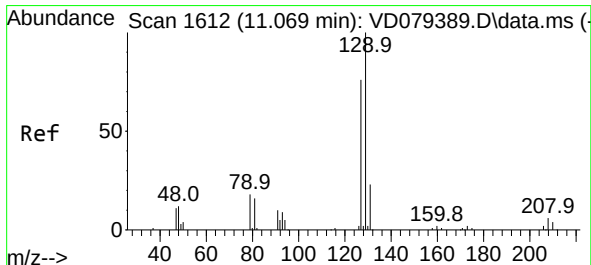
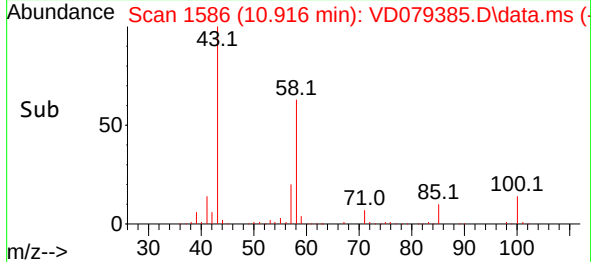
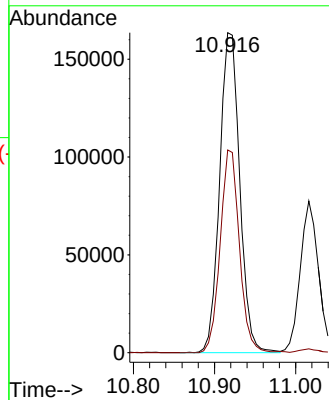
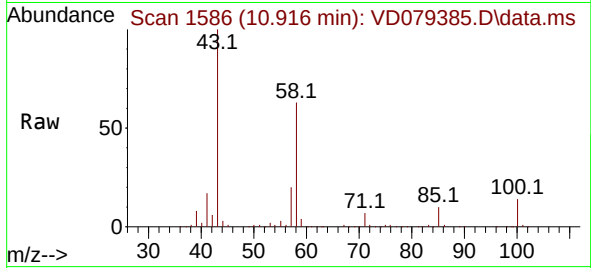




#59
2-Hexanone
Concen: 320.194 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

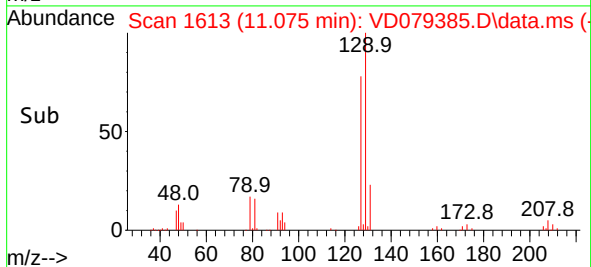
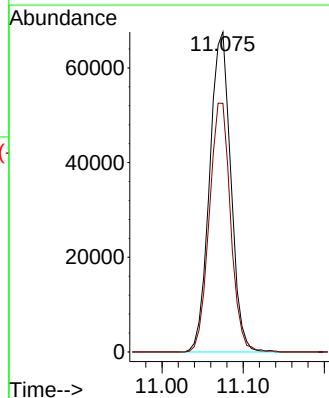
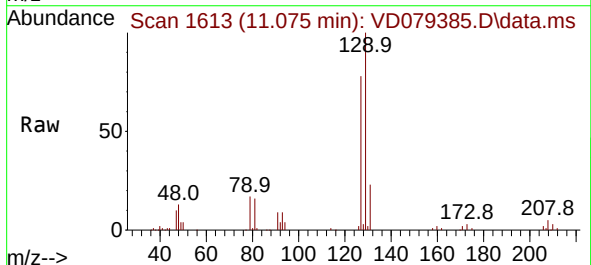
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

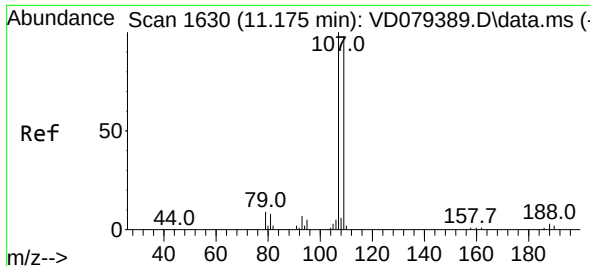
Tgt Ion: 43 Resp: 281469
Ion Ratio Lower Upper
43 100
58 60.8 31.1 93.5



#60
Dibromochloromethane
Concen: 54.664 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 129 Resp: 122387
Ion Ratio Lower Upper
129 100
127 78.3 38.0 113.9

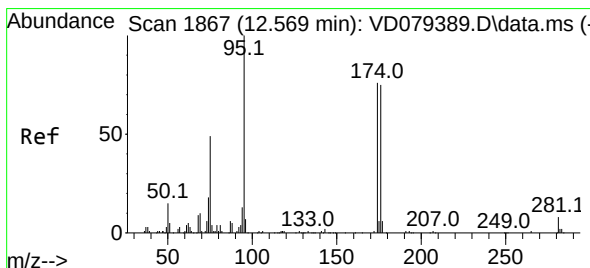
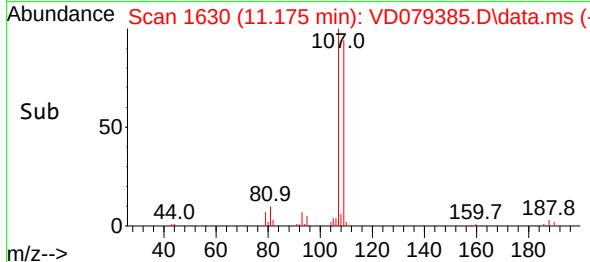
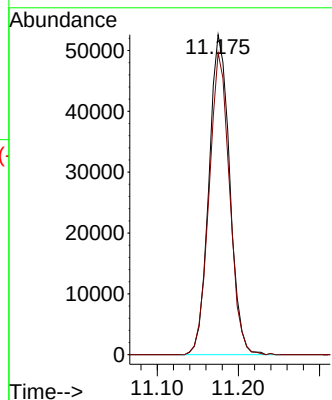
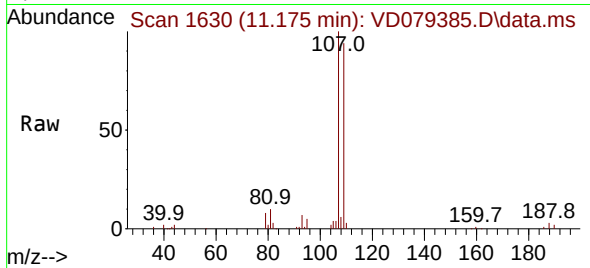




#61
1,2-Dibromoethane
Concen: 56.516 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

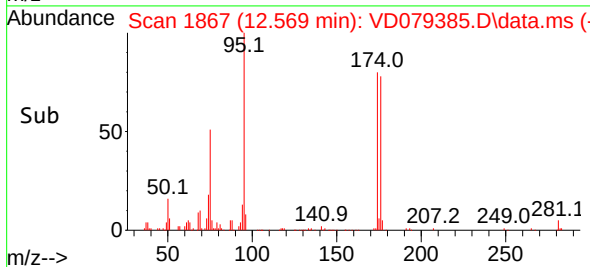
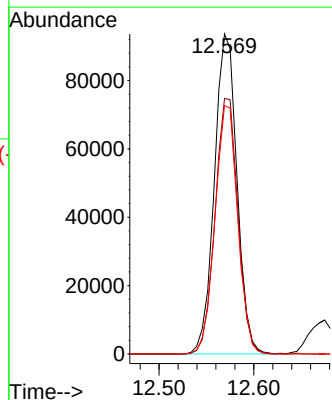
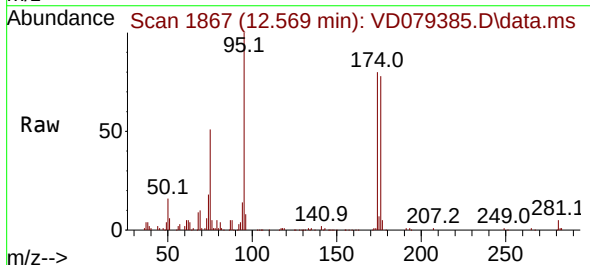
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

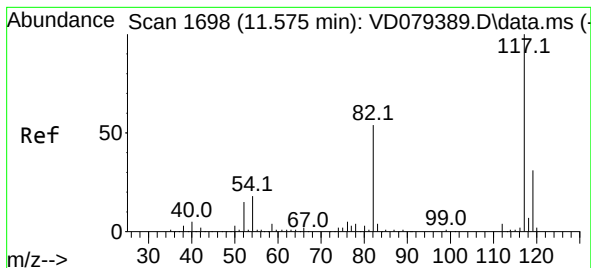
Tgt Ion:107 Resp: 93101
Ion Ratio Lower Upper
107 100
109 93.1 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 61.013 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 95 Resp: 155184
Ion Ratio Lower Upper
95 100
174 80.9 0.0 195.4
176 78.0 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

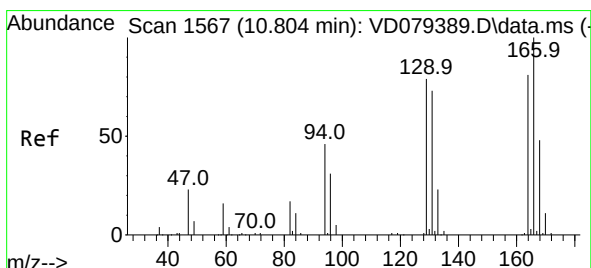
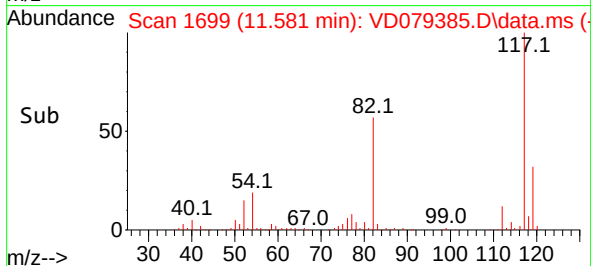
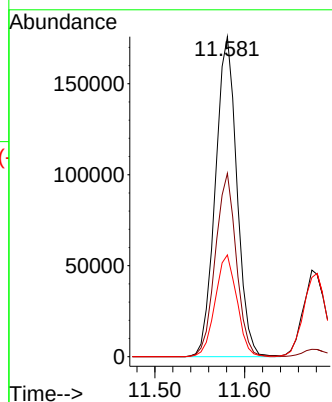
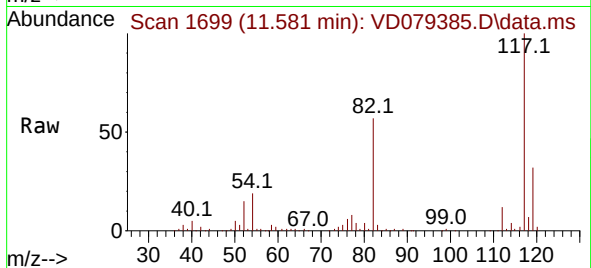
Tgt Ion:117 Resp: 292935

Ion Ratio Lower Upper

117 100

82 57.3 39.8 59.6

119 31.8 25.7 38.5



#64

Tetrachloroethene

Concen: 53.428 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Tgt Ion:164 Resp: 97777

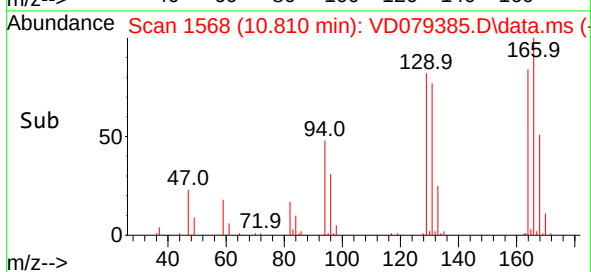
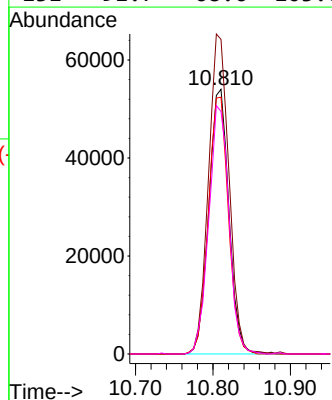
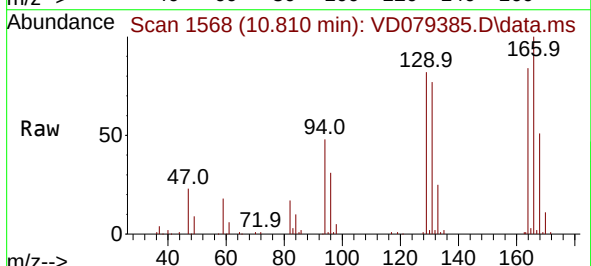
Ion Ratio Lower Upper

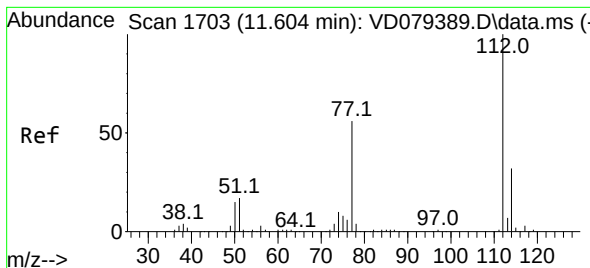
164 100

166 118.9 108.6 163.0

129 97.1 74.6 112.0

131 91.7 68.6 103.0





#65

Chlorobenzene

Concen: 52.356 ug/l

RT: 11.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

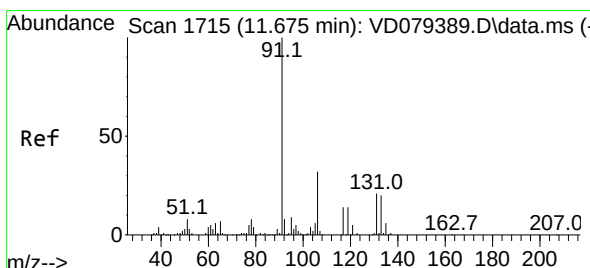
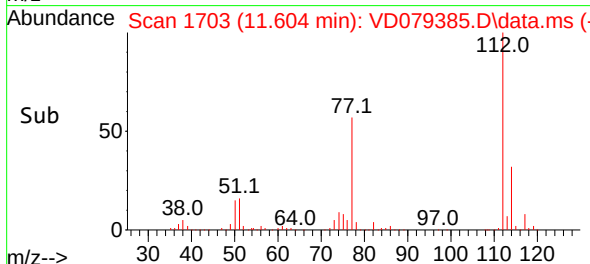
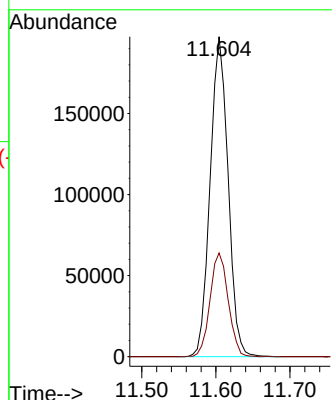
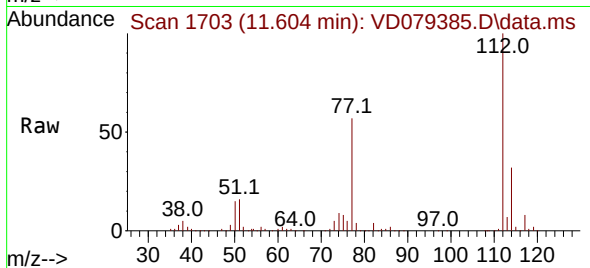
VSTDCCC050

Tgt Ion:112 Resp: 331678

Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 53.018 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

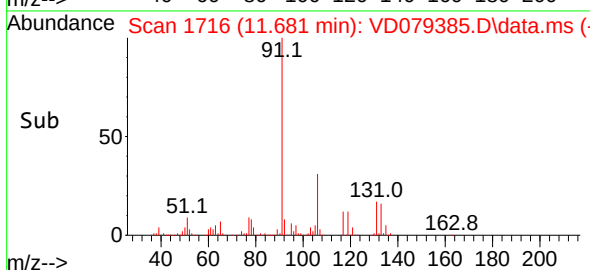
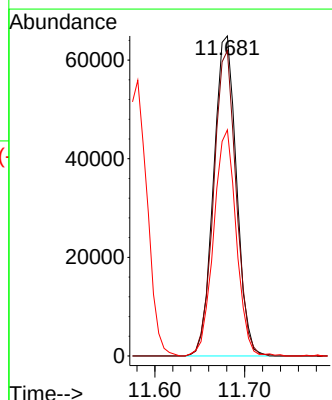
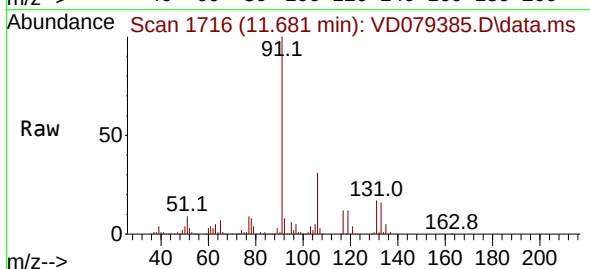
Tgt Ion:131 Resp: 115224

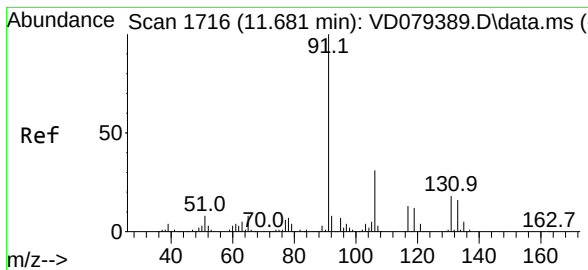
Ion Ratio Lower Upper

131 100

133 93.6 49.2 147.6

119 69.7 33.4 100.2

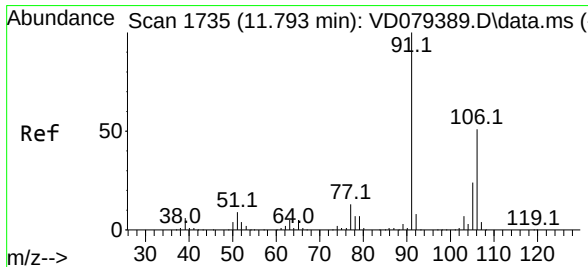
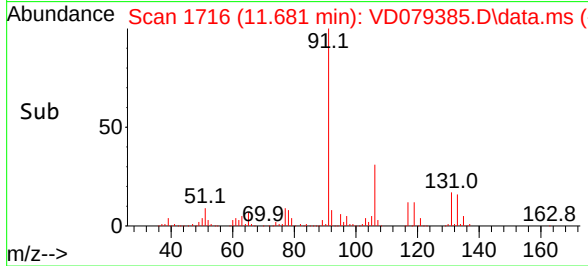
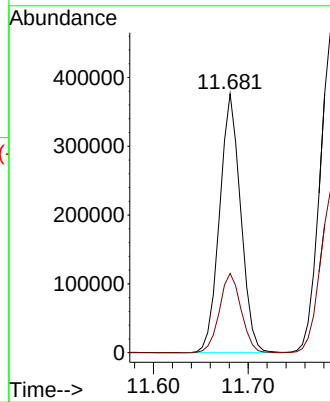
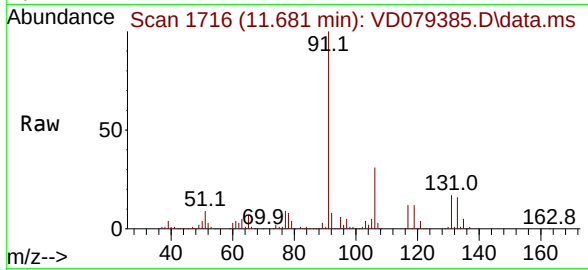




#67
Ethyl Benzene
Concen: 54.997 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

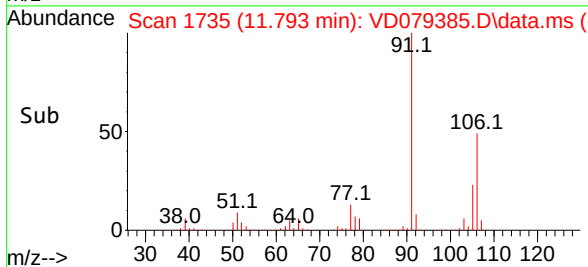
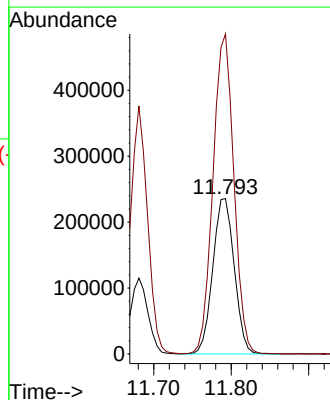
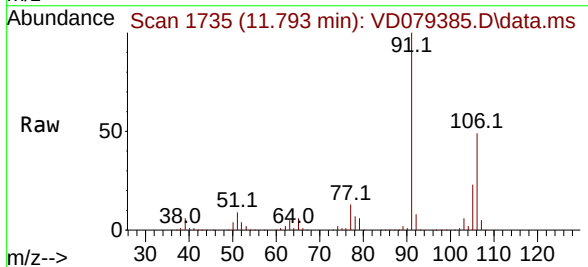
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

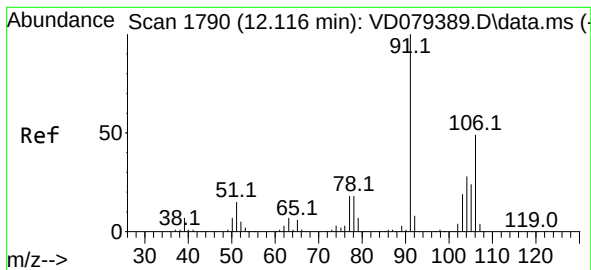
Tgt Ion: 91 Resp: 582932
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.6



#68
m/p-Xylenes
Concen: 109.579 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion:106 Resp: 452889
Ion Ratio Lower Upper
106 100
91 200.4 148.5 222.7





#69

o-Xylene

Concen: 56.434 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

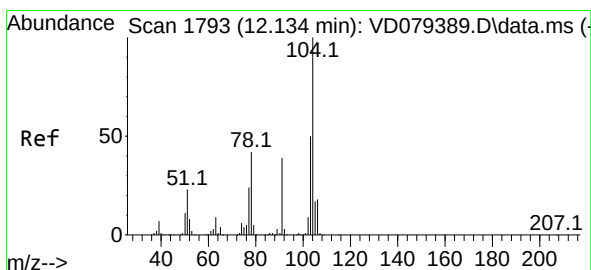
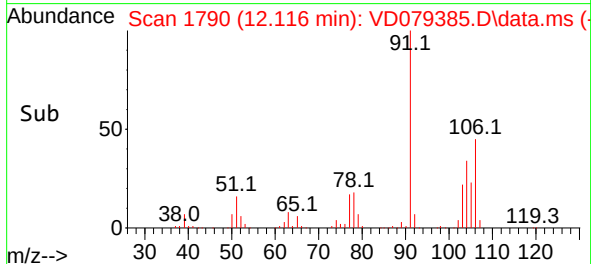
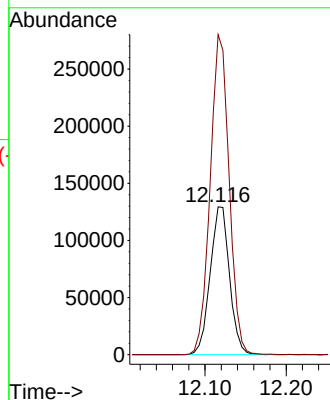
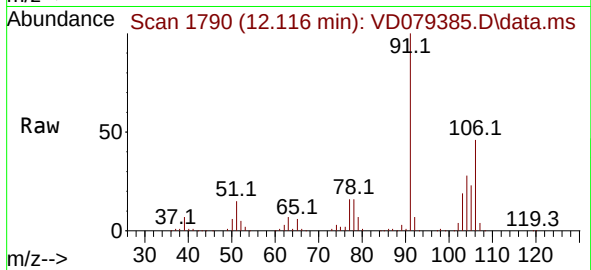
VSTDCCC050

Tgt Ion:106 Resp: 214080

Ion Ratio Lower Upper

106 100

91 212.2 96.7 290.1



#70

Styrene

Concen: 58.155 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

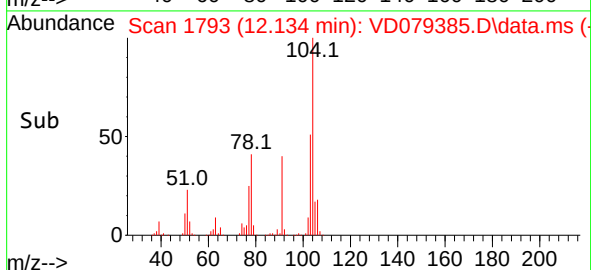
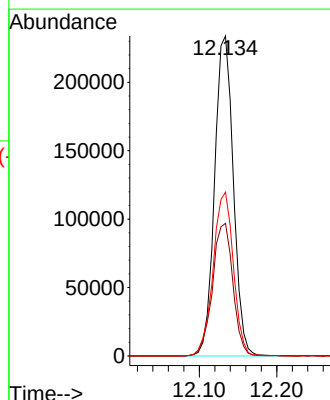
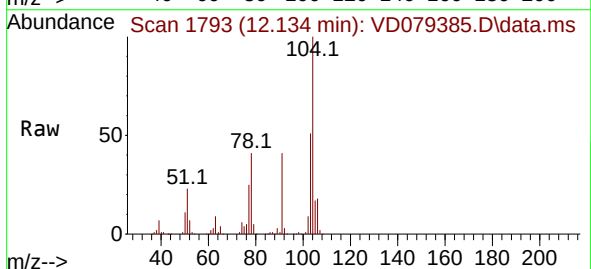
Tgt Ion:104 Resp: 393675

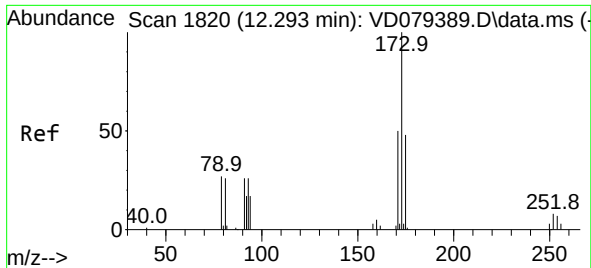
Ion Ratio Lower Upper

104 100

78 45.2 33.0 49.6

103 55.2 44.2 66.4

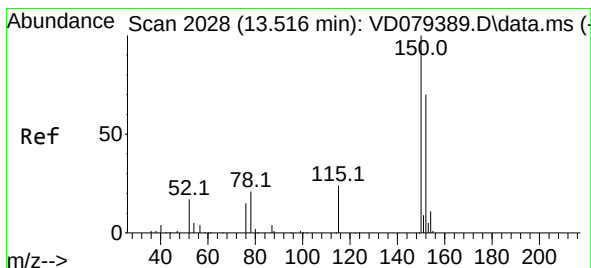
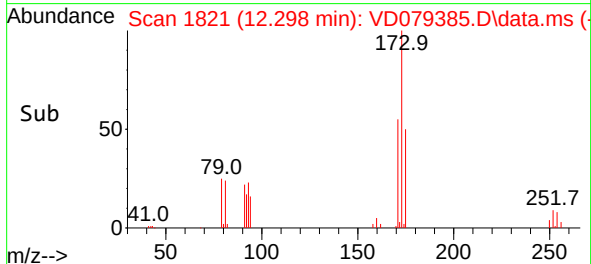
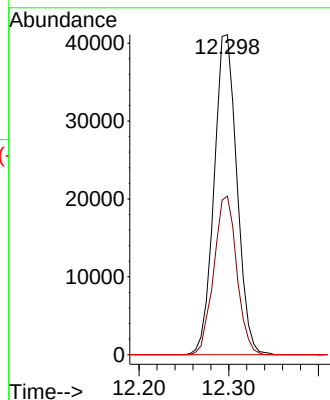
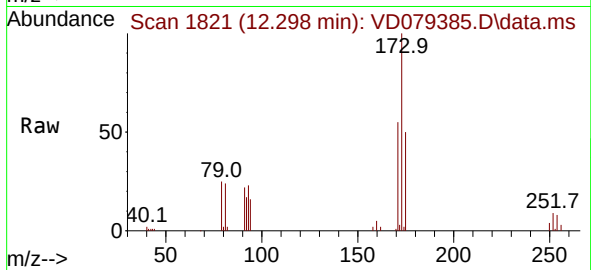




#71
Bromoform
Concen: 57.568 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

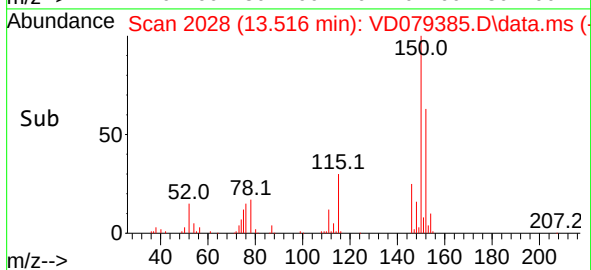
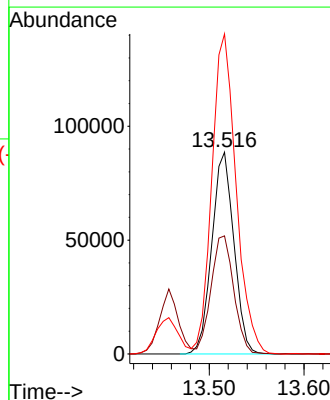
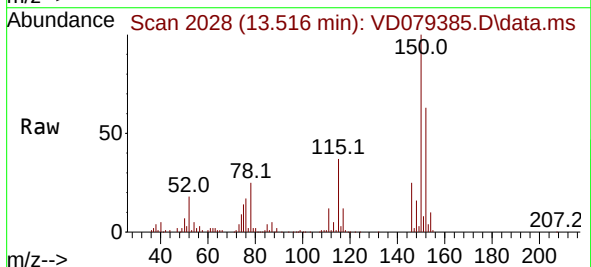
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

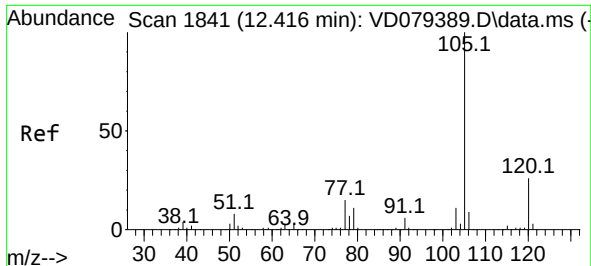
Tgt Ion:173 Resp: 72560
Ion Ratio Lower Upper
173 100
175 49.8 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion:152 Resp: 143648
Ion Ratio Lower Upper
152 100
115 60.2 26.5 79.5
150 174.0 0.0 341.6

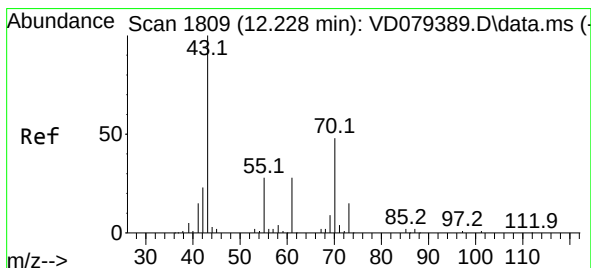
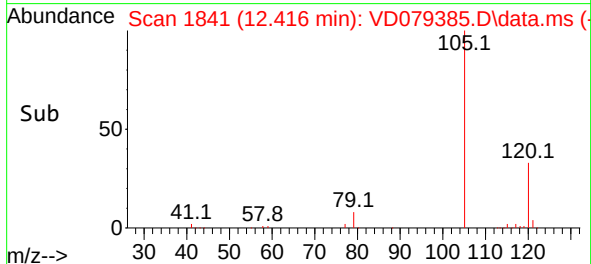
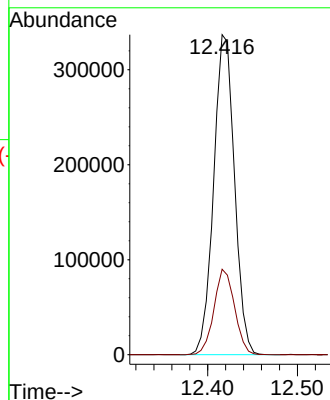
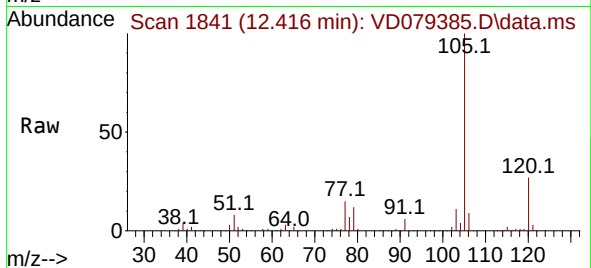




#73
Isopropylbenzene
Concen: 54.427 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

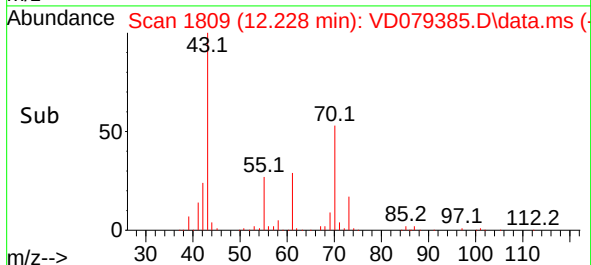
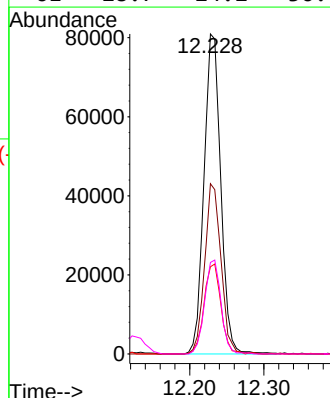
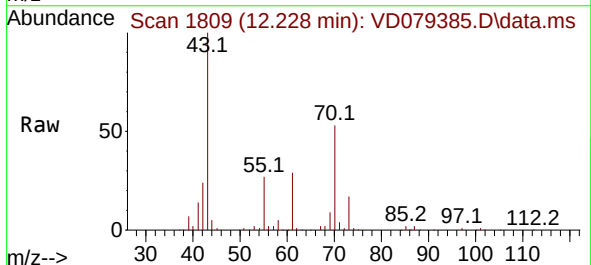
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

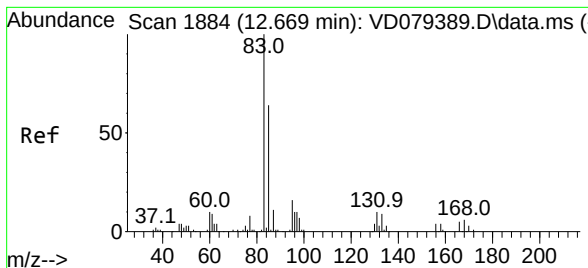
Tgt Ion:105 Resp: 543017
Ion Ratio Lower Upper
105 100
120 26.3 13.6 40.7



#74
N-ethyl acetate
Concen: 56.536 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 43 Resp: 127146
Ion Ratio Lower Upper
43 100
70 52.0 44.3 66.5
55 28.3 23.2 34.8
61 28.7 24.2 36.4

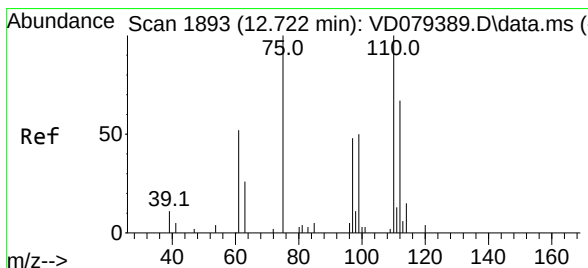
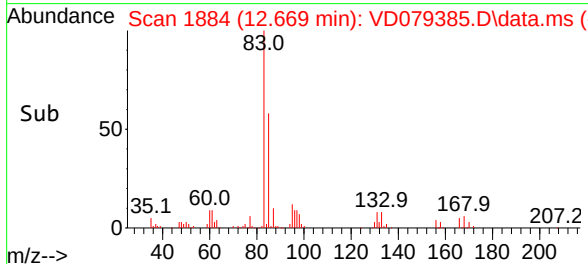
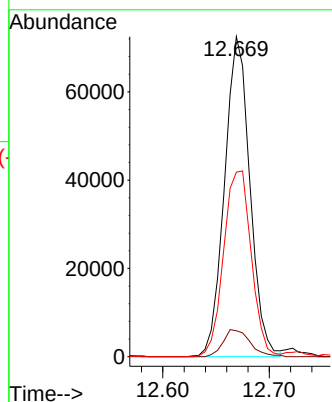
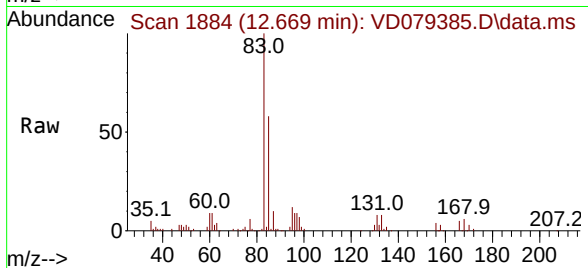




#75
1,1,2,2-Tetrachloroethane
Concen: 55.502 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

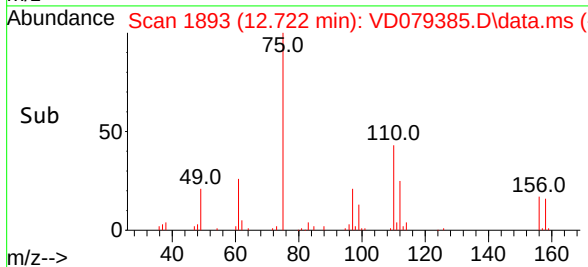
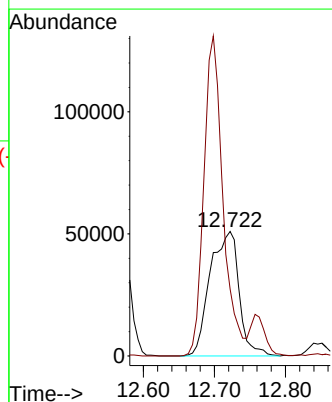
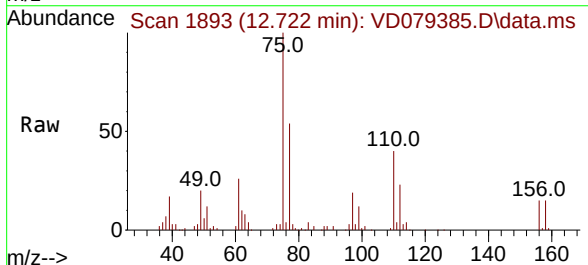
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

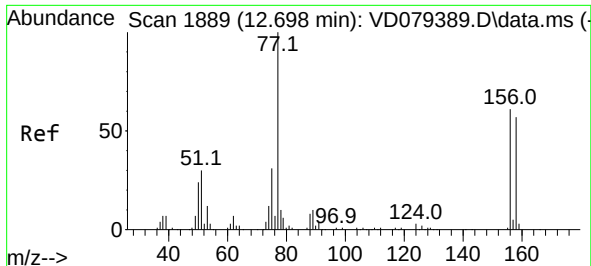
Tgt Ion: 83 Resp: 120276
Ion Ratio Lower Upper
83 100
131 9.0 5.5 16.5
85 63.1 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 96.693 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 75 Resp: 144419
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

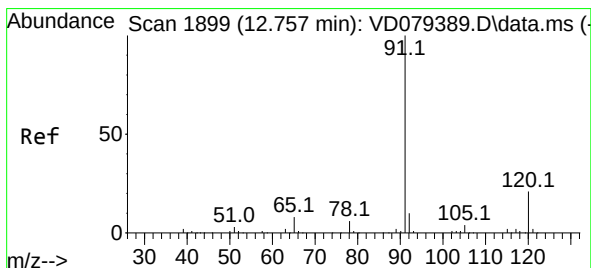
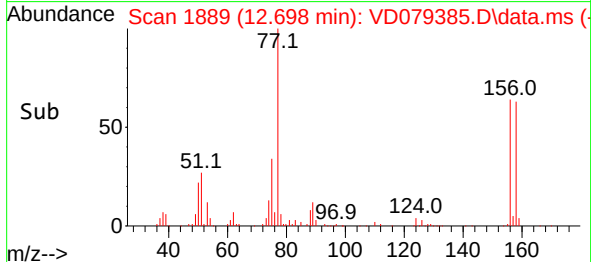
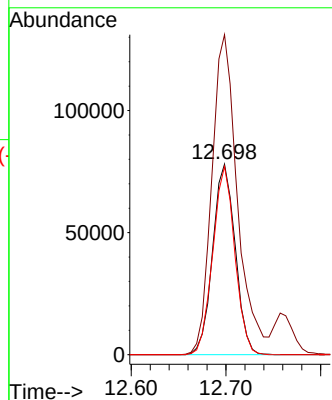
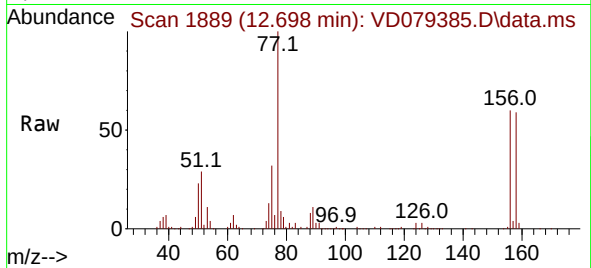




#77
Bromobenzene
Concen: 53.906 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

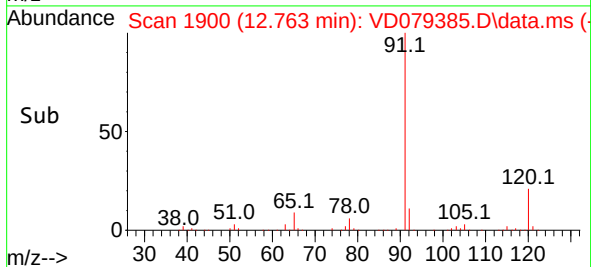
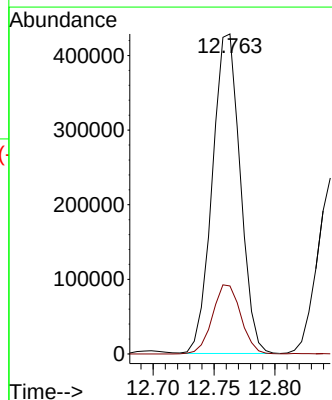
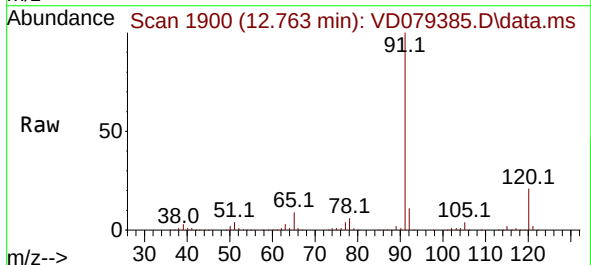
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

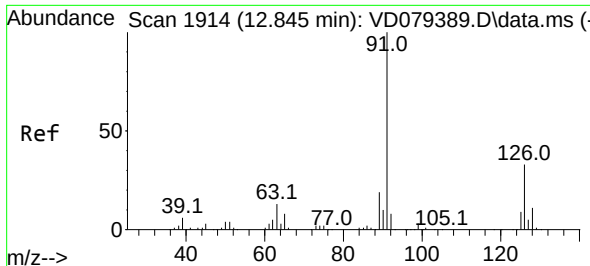
Tgt Ion:156 Resp: 129092
Ion Ratio Lower Upper
156 100
77 191.2 77.3 231.9
158 96.6 49.6 149.0



#78
n-propylbenzene
Concen: 54.511 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 91 Resp: 682629
Ion Ratio Lower Upper
91 100
120 22.0 12.3 36.8

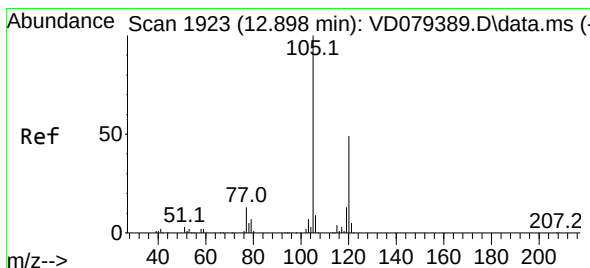
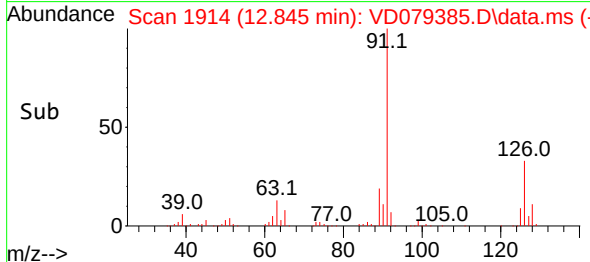
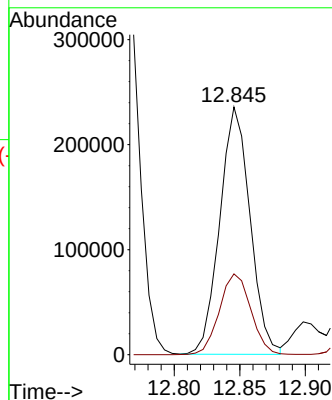
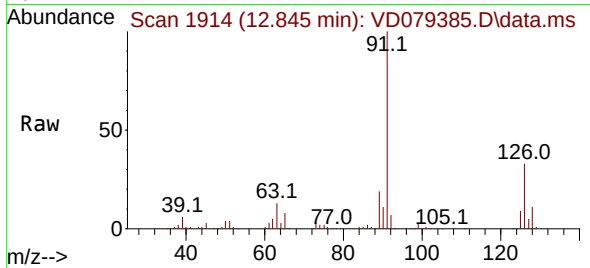




#79
2-Chlorotoluene
Concen: 52.951 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

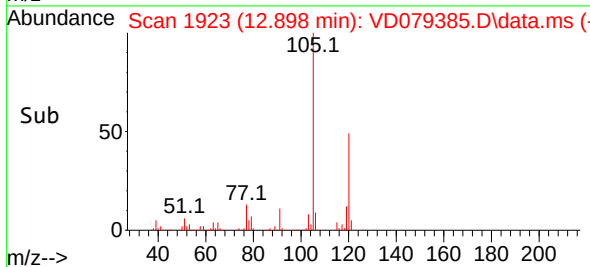
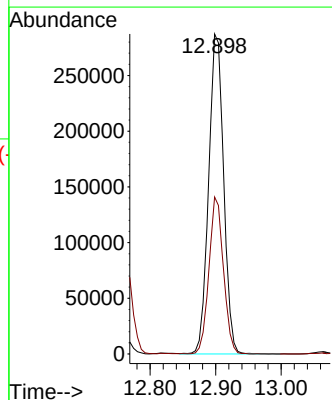
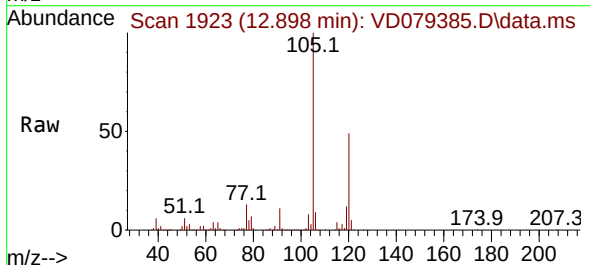
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

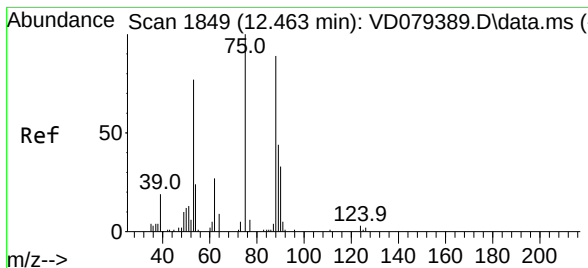
Tgt Ion: 91 Resp: 379092
Ion Ratio Lower Upper
91 100
126 33.9 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 54.726 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 105 Resp: 457896
Ion Ratio Lower Upper
105 100
120 47.4 25.7 77.1

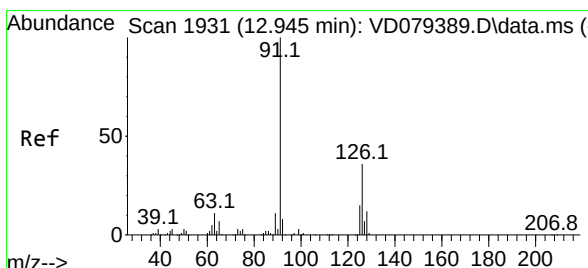
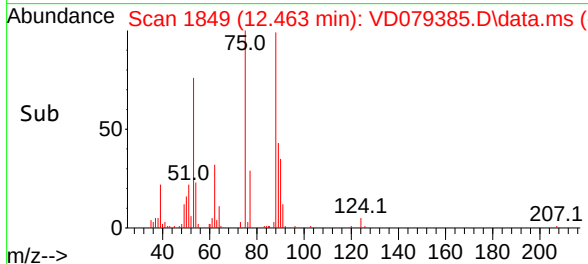
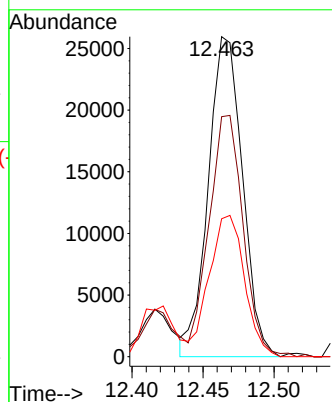
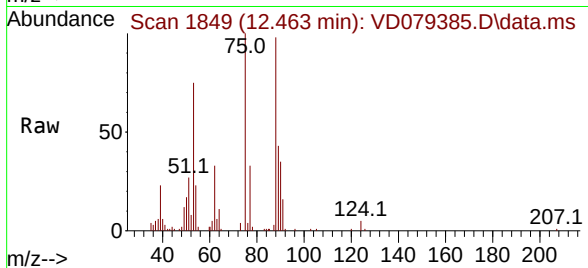




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.808 ug/l
 RT: 12.463 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VD079385.D
 Acq: 22 Jul 2024 11:29

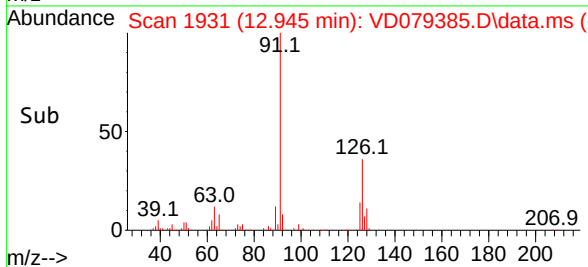
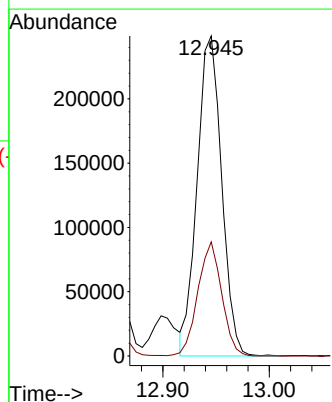
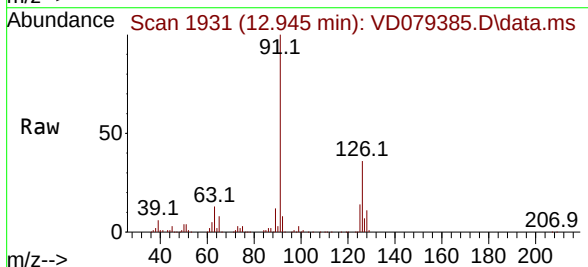
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

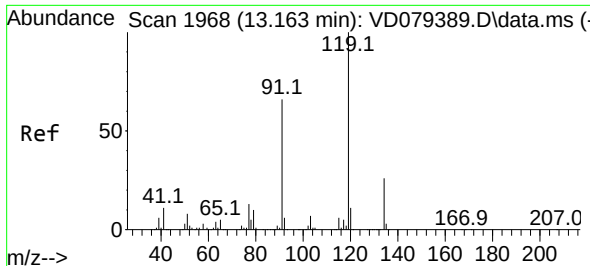
Tgt Ion: 75 Resp: 43503
 Ion Ratio Lower Upper
 75 100
 53 75.0 61.4 92.2
 89 45.6 35.4 53.0



#82
 4-Chlorotoluene
 Concen: 52.513 ug/l
 RT: 12.945 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: VD079385.D
 Acq: 22 Jul 2024 11:29

Tgt Ion: 91 Resp: 398510
 Ion Ratio Lower Upper
 91 100
 126 34.7 18.9 56.9

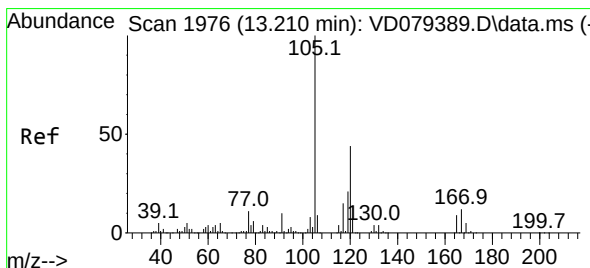
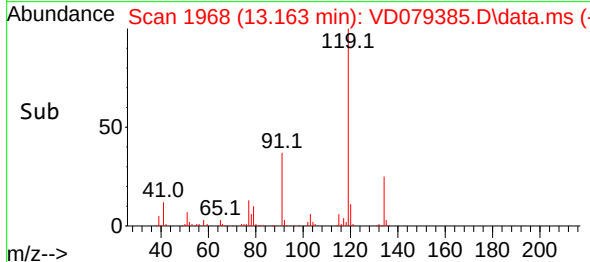
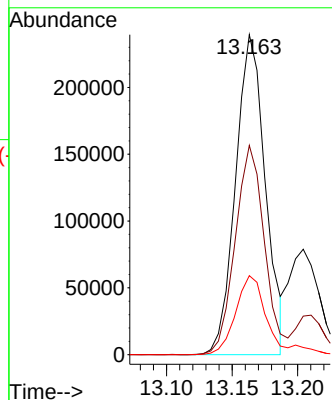
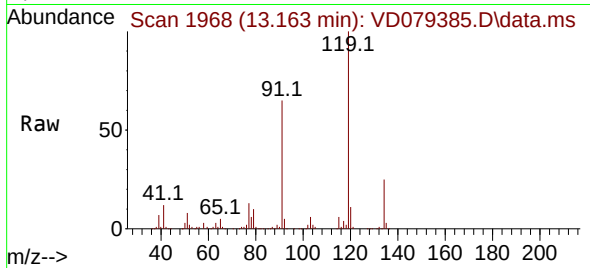




#83
tert-Butylbenzene
Concen: 53.252 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

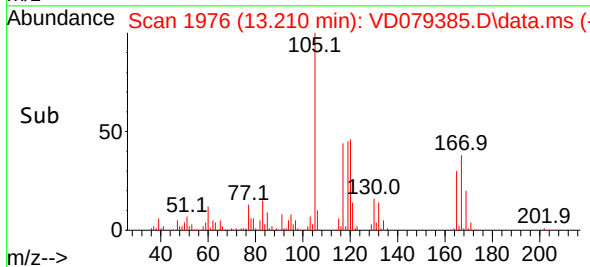
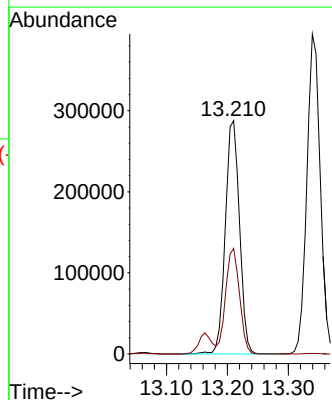
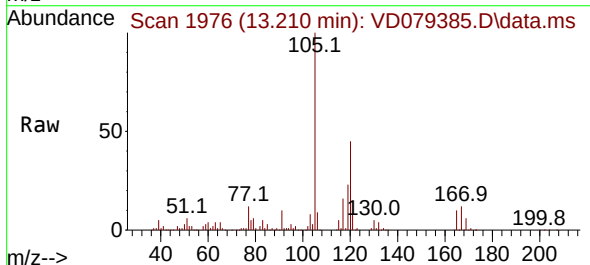
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

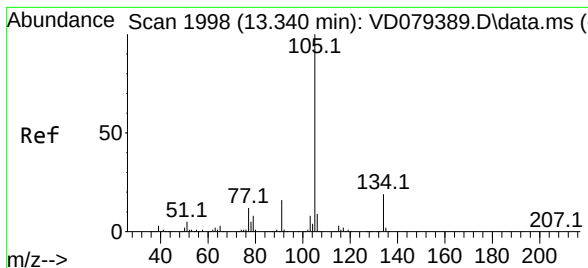
Tgt Ion:119 Resp: 378641
Ion Ratio Lower Upper
119 100
91 64.5 28.2 84.7
134 24.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 54.963 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion:105 Resp: 465985
Ion Ratio Lower Upper
105 100
120 44.4 23.6 71.0





#85

sec-Butylbenzene

Concen: 54.397 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

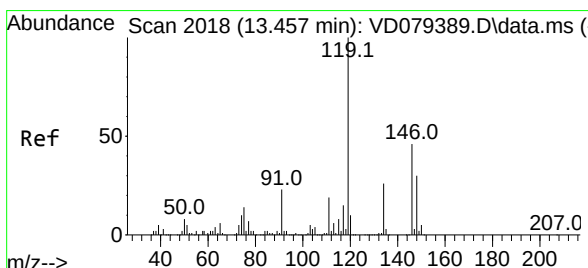
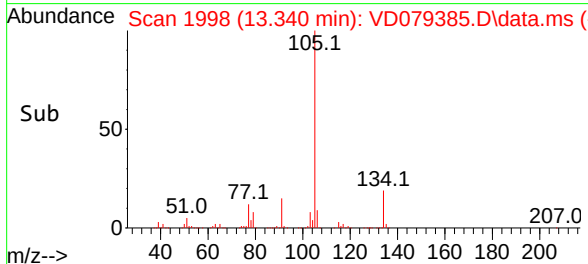
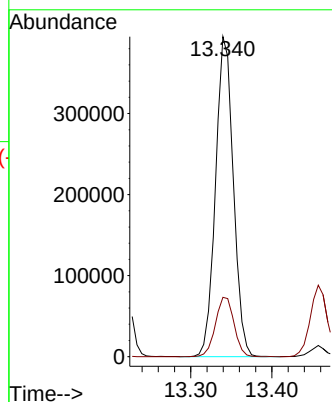
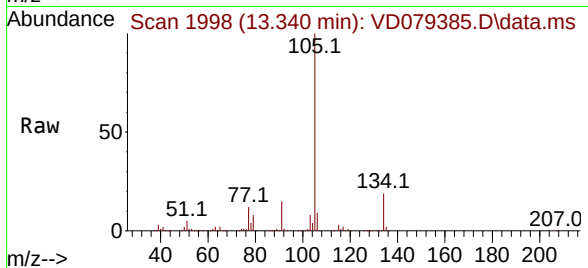
VSTDCCC050

Tgt Ion:105 Resp: 602104

Ion Ratio Lower Upper

105 100

134 19.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 54.415 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

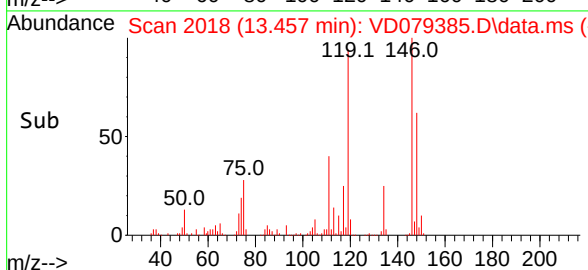
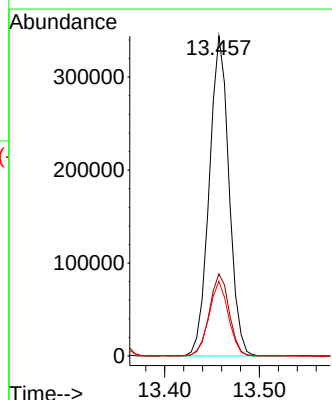
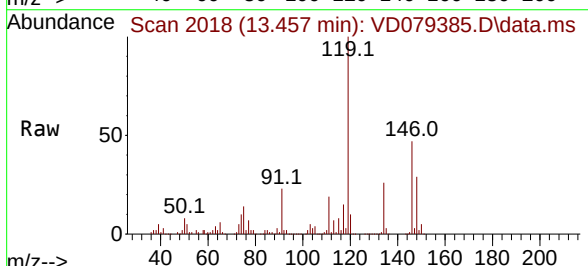
Tgt Ion:119 Resp: 496525

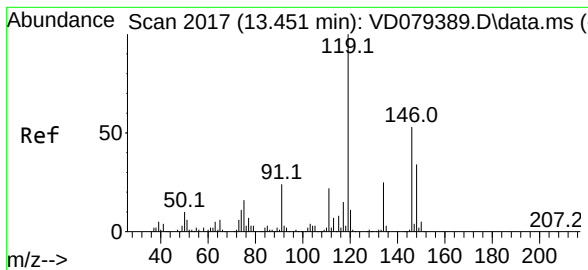
Ion Ratio Lower Upper

119 100

134 25.8 13.7 41.1

91 22.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.314 ug/l

RT: 13.457 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

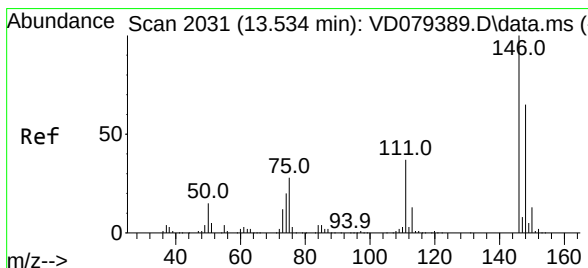
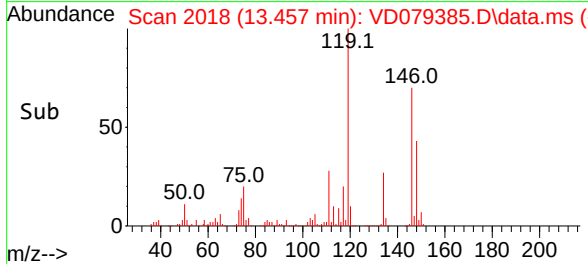
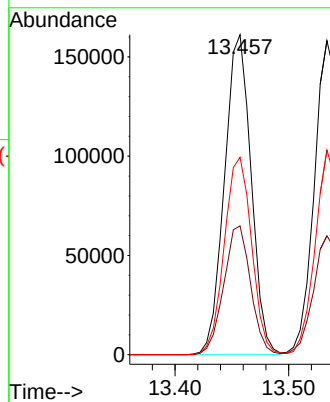
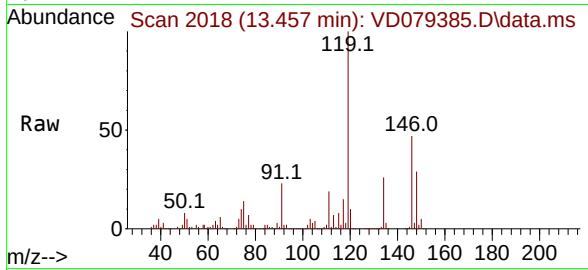
Tgt Ion:146 Resp: 262878

Ion Ratio Lower Upper

146 100

111 40.6 18.5 55.5

148 63.5 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 51.358 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

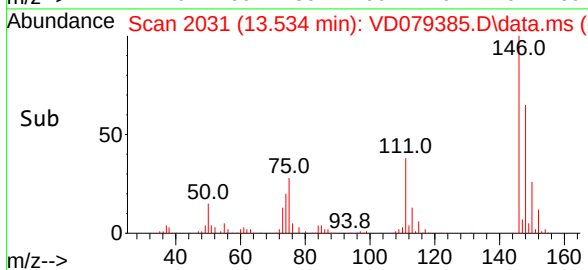
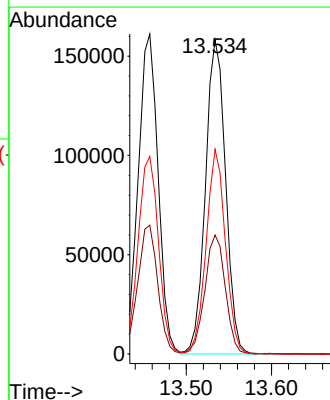
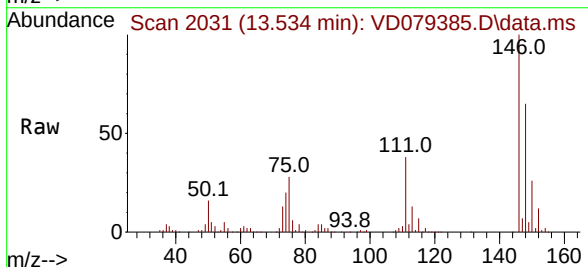
Tgt Ion:146 Resp: 259368

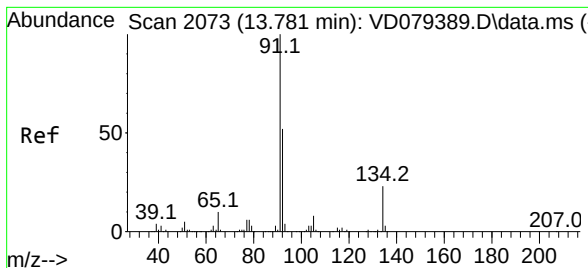
Ion Ratio Lower Upper

146 100

111 38.7 17.5 52.6

148 62.5 31.4 94.2





#89

n-Butylbenzene

Concen: 54.496 ug/l

RT: 13.787 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

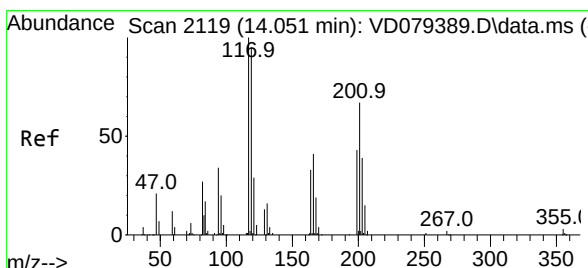
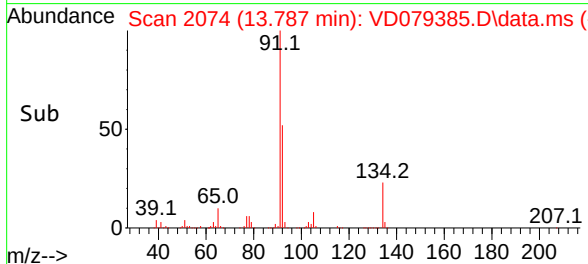
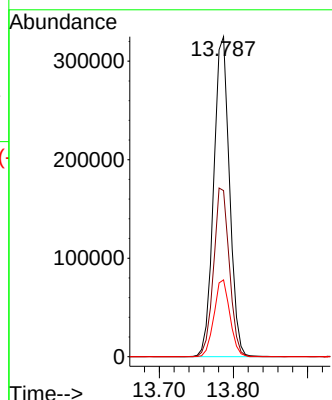
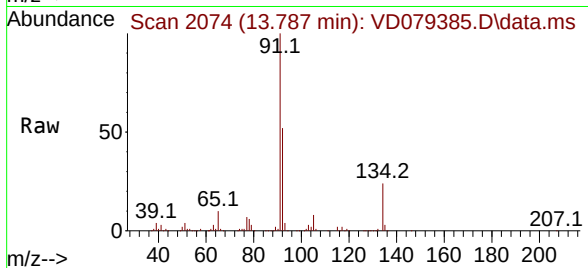
Tgt Ion: 91 Resp: 480708

Ion Ratio Lower Upper

91 100

92 52.6 25.7 77.0

134 24.1 13.6 40.8



#90

Hexachloroethane

Concen: 49.757 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD079385.D

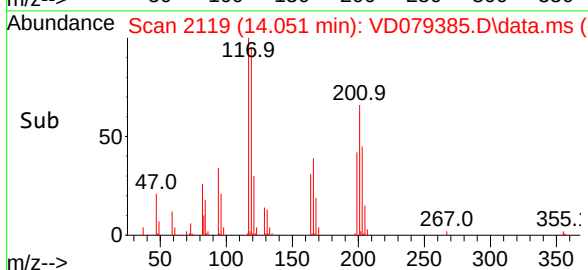
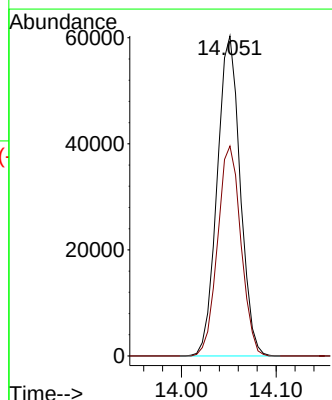
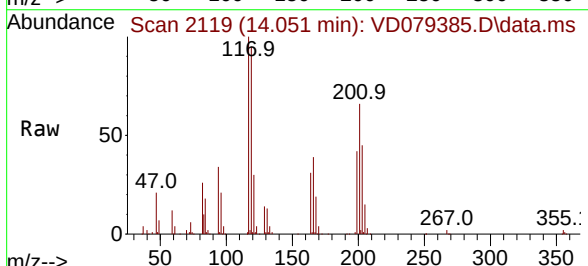
Acq: 22 Jul 2024 11:29

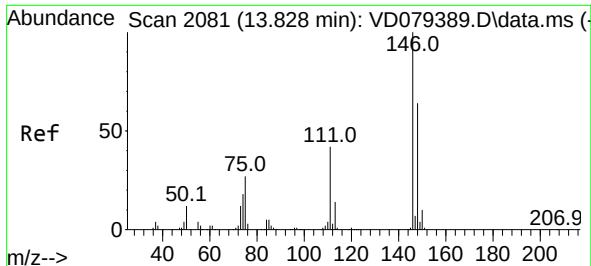
Tgt Ion: 117 Resp: 101884

Ion Ratio Lower Upper

117 100

201 66.5 36.3 108.9

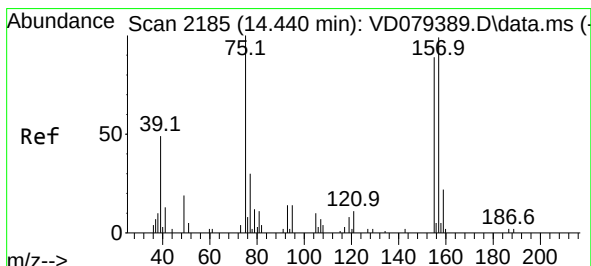
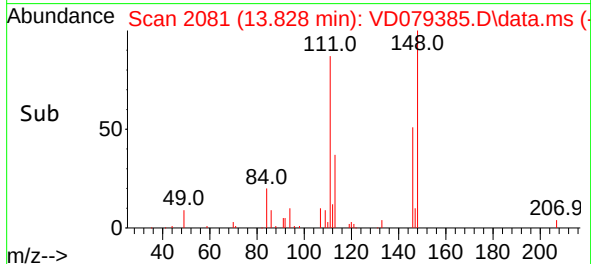
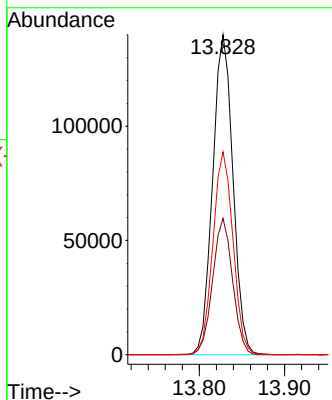
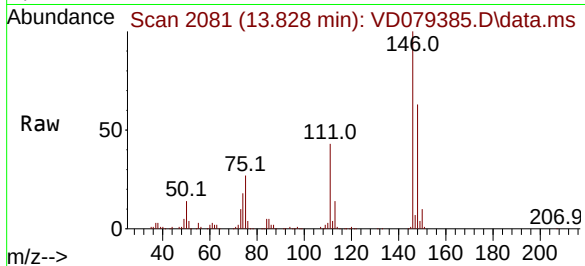




#91
1,2-Dichlorobenzene
Concen: 53.312 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

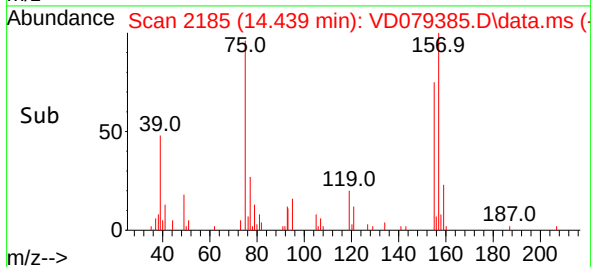
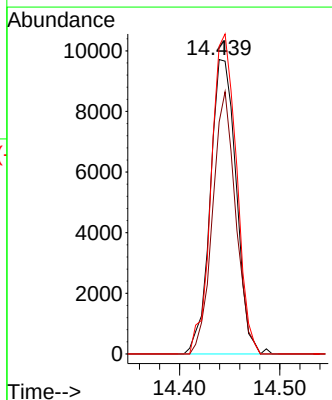
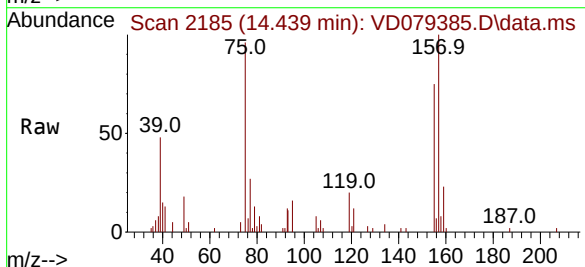
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

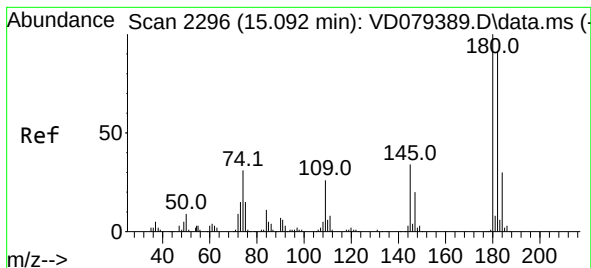
Tgt Ion:146 Resp: 232314
Ion Ratio Lower Upper
146 100
111 41.9 19.1 57.1
148 62.8 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.702 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VD079385.D
Acq: 22 Jul 2024 11:29

Tgt Ion: 75 Resp: 17357
Ion Ratio Lower Upper
75 100
155 79.7 47.7 143.1
157 105.8 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 53.899 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

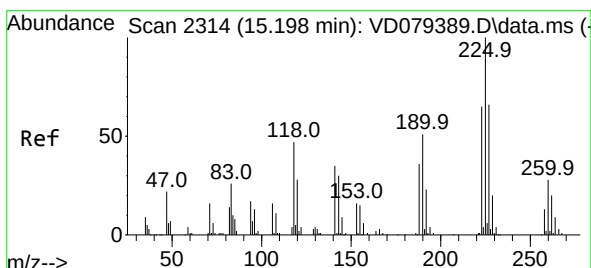
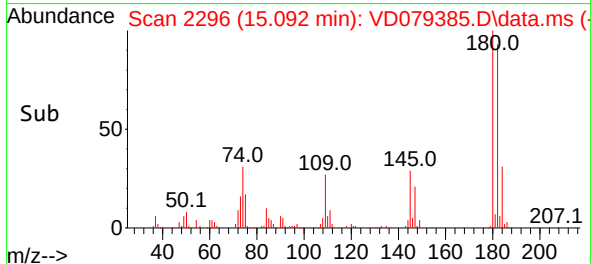
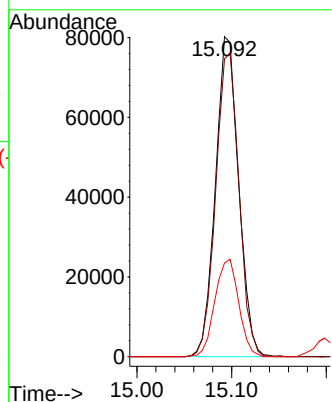
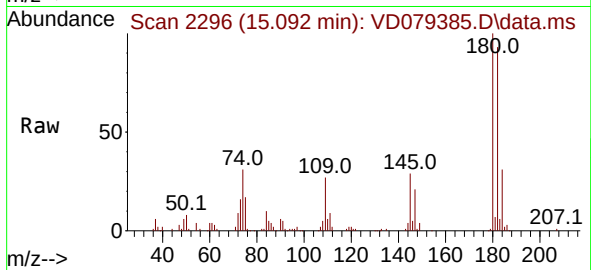
Tgt Ion:180 Resp: 136642

Ion Ratio Lower Upper

180 100

182 95.4 46.9 140.7

145 31.2 14.0 41.9



#94

Hexachlorobutadiene

Concen: 50.806 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

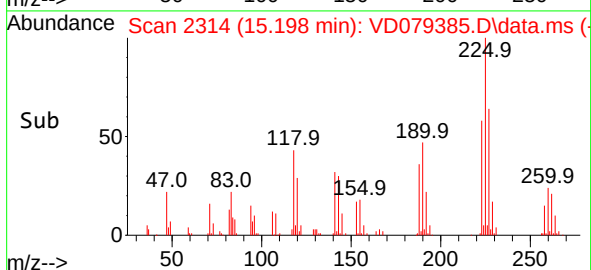
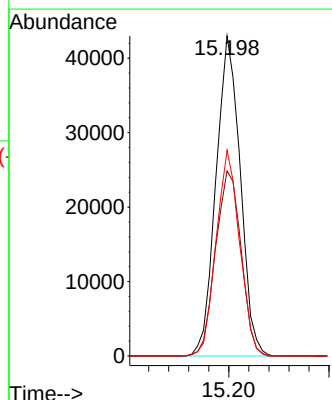
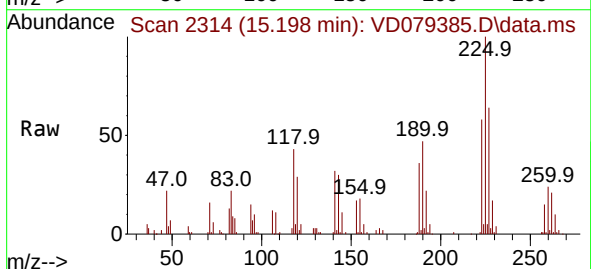
Tgt Ion:225 Resp: 72132

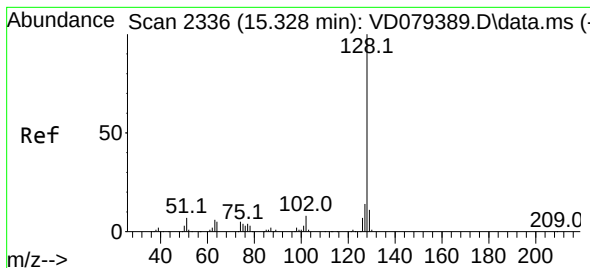
Ion Ratio Lower Upper

225 100

223 60.8 33.3 99.9

227 62.4 33.6 100.6





#95

Naphthalene

Concen: 57.691 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

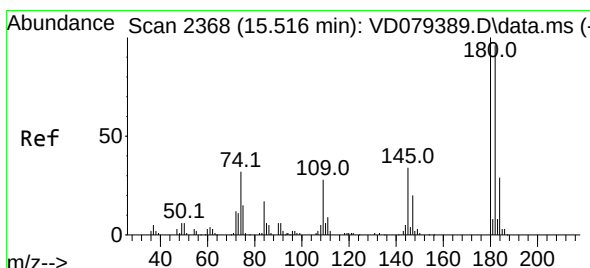
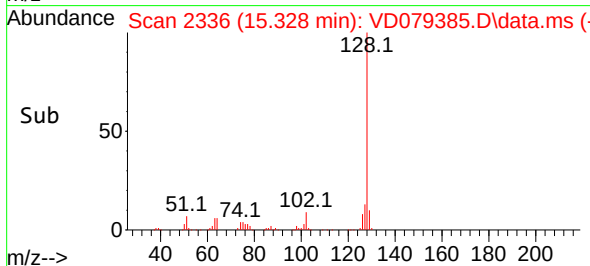
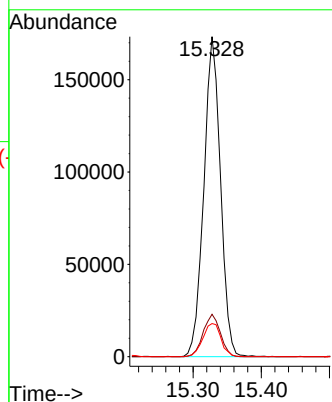
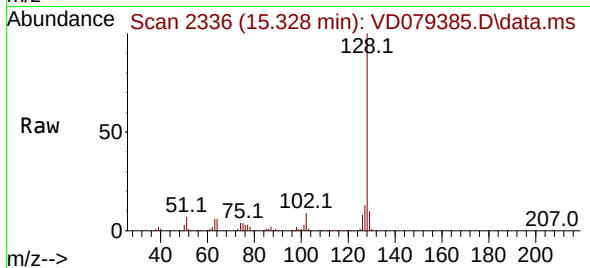
Tgt Ion:128 Resp: 295051

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.3 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 55.185 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079385.D

Acq: 22 Jul 2024 11:29

Tgt Ion:180 Resp: 125138

Ion Ratio Lower Upper

180 100

182 94.1 47.8 143.3

145 33.0 16.1 48.2

