

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
 Data File : VD079527.D
 Acq On : 01 Aug 2024 10:47
 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: Aug 02 01:27:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	228044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	369825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	400802	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	124796	53.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.740%	
35) Dibromofluoromethane	7.805	113	132678	53.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.000%	
50) Toluene-d8	10.263	98	546322	56.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.400%	
62) 4-Bromofluorobenzene	12.569	95	163762	58.217	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	91138	51.007	ug/l	98
3) Chloromethane	2.146	50	155347	47.186	ug/l	94
4) Vinyl Chloride	2.281	62	198028	50.588	ug/l	99
5) Bromomethane	2.681	94	119262	48.173	ug/l	99
6) Chloroethane	2.834	64	107521	42.745	ug/l	98
7) Trichlorofluoromethane	3.170	101	203440	52.259	ug/l	93
8) Diethyl Ether	3.593	74	58517	49.761	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.958	101	128570	52.218	ug/l	98
10) Methyl Iodide	4.158	142	158386	52.626	ug/l	99
11) Tert butyl alcohol	5.052	59	30883	292.811	ug/l	# 77
12) 1,1-Dichloroethene	3.934	96	125421	50.902	ug/l	97
13) Acrolein	3.793	56	42019	255.099	ug/l	97
14) Allyl chloride	4.552	41	165056	50.729	ug/l	89
15) Acrylonitrile	5.246	53	140976	256.551	ug/l	98
16) Acetone	4.022	43	132131	293.472	ug/l	98
17) Carbon Disulfide	4.264	76	405924	49.909	ug/l	99
18) Methyl Acetate	4.552	43	64511	46.149	ug/l	93
19) Methyl tert-butyl Ether	5.311	73	264778	52.645	ug/l	97
20) Methylene Chloride	4.793	84	163133	48.847	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	144598	52.239	ug/l	90
22) Diisopropyl ether	6.211	45	373063	51.533	ug/l	# 93
23) Vinyl Acetate	6.152	43	1470667	270.246	ug/l	93
24) 1,1-Dichloroethane	6.105	63	242096	49.903	ug/l	96
25) 2-Butanone	7.075	43	190039	297.724	ug/l	95
26) 2,2-Dichloropropane	7.075	77	221578	56.466	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	172149	54.410	ug/l	89
28) Bromochloromethane	7.422	49	119477	56.161	ug/l	# 73
29) Tetrahydrofuran	7.440	42	106679	269.680	ug/l	# 84
30) Chloroform	7.587	83	253706	51.641	ug/l	98
31) Cyclohexane	7.875	56	200574	52.130	ug/l	87
32) 1,1,1-Trichloroethane	7.787	97	214081	52.808	ug/l	97
36) 1,1-Dichloropropene	8.005	75	203497	59.562	ug/l	# 41
37) Ethyl Acetate	7.163	43	78750	56.218	ug/l	98
38) Carbon Tetrachloride	7.987	117	201835	56.197	ug/l	95
39) Methylcyclohexane	9.275	83	229749	56.360	ug/l	93
40) Benzene	8.246	78	594094	54.748	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	43970	57.066	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	138059	53.390	ug/l	96
43) Isopropyl Acetate	8.357	43	146099	55.495	ug/l #	92
44) Trichloroethene	9.022	130	143293	53.046	ug/l	93
45) 1,2-Dichloropropane	9.299	63	142048	53.790	ug/l	92
46) Dibromomethane	9.393	93	80442	54.947	ug/l	96
47) Bromodichloromethane	9.581	83	196670	54.711	ug/l	99
48) Methyl methacrylate	9.375	41	67432	57.233	ug/l	86
49) 1,4-Dioxane	9.387	88	17576	1158.626	ug/l	88
51) 4-Methyl-2-Pentanone	10.157	43	396592	295.061	ug/l	96
52) Toluene	10.328	92	379074	56.483	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	190122	57.272	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	219424	54.952	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	108346	56.181	ug/l	97
56) Ethyl methacrylate	10.593	69	136722	59.833	ug/l	90
57) 1,3-Dichloropropane	10.875	76	199518	60.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	328186	311.431	ug/l	93
59) 2-Hexanone	10.916	43	306051	326.486	ug/l	96
60) Dibromochloromethane	11.069	129	137590	54.615	ug/l	99
61) 1,2-Dibromoethane	11.175	107	100572	55.666	ug/l	96
64) Tetrachloroethene	10.804	164	126148	46.676	ug/l	95
65) Chlorobenzene	11.604	112	432996	48.787	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	138272	47.352	ug/l	99
67) Ethyl Benzene	11.681	91	731777	50.365	ug/l	99
68) m/p-Xylenes	11.787	106	569711	98.834	ug/l	94
69) o-Xylene	12.116	106	322558	61.049	ug/l	99
70) Styrene	12.134	104	486513	52.522	ug/l	90
71) Bromoform	12.298	173	79100	47.917	ug/l #	99
73) Isopropylbenzene	12.416	105	673275	51.999	ug/l	97
74) N-amyl acetate	12.228	43	149140	58.830	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	128605	57.436	ug/l	86
76) 1,2,3-Trichloropropane	12.722	75	152644	101.318	ug/l #	100
77) Bromobenzene	12.698	156	156876	54.281	ug/l	88
78) n-propylbenzene	12.757	91	844996	58.650	ug/l	97
79) 2-Chlorotoluene	12.845	91	453563	56.537	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	561923	58.527	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	130204	164.832	ug/l #	49
82) 4-Chlorotoluene	12.945	91	469286	56.114	ug/l	97
83) tert-Butylbenzene	13.163	119	514409	54.927	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	562161	51.902	ug/l	98
85) sec-Butylbenzene	13.340	105	741607	58.072	ug/l	100
86) p-Isopropyltoluene	13.457	119	625496	51.623	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	317159	52.978	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	309809	52.638	ug/l	97
89) n-Butylbenzene	13.787	91	596072	53.159	ug/l	97
90) Hexachloroethane	14.051	117	126978	56.848	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	273091	53.376	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.440	75	21087	70.778	ug/l	81
93) 1,2,4-Trichlorobenzene	15.092	180	184831	57.337	ug/l	98
94) Hexachlorobutadiene	15.198	225	99807	57.366	ug/l	94
95) Naphthalene	15.328	128	348094	62.389	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	155732	54.919	ug/l	99

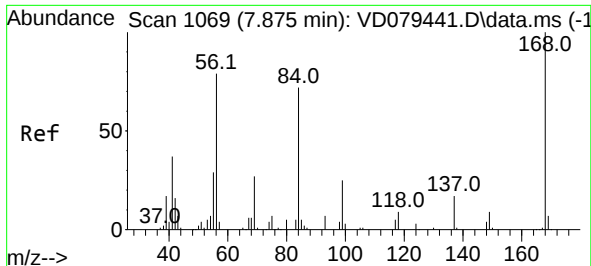
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
Data File : VD079527.D
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

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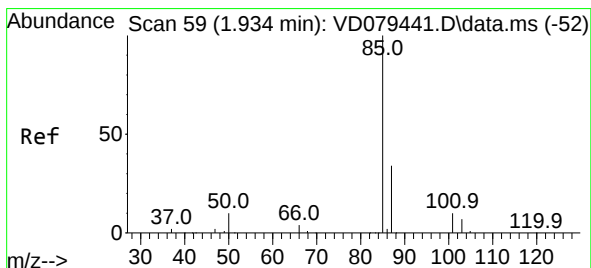
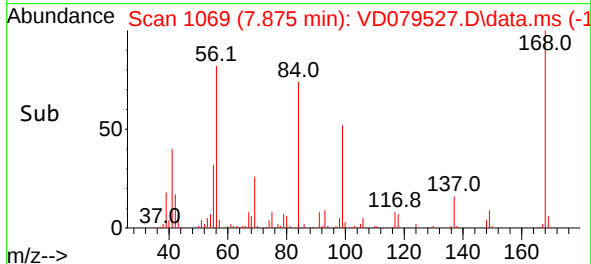
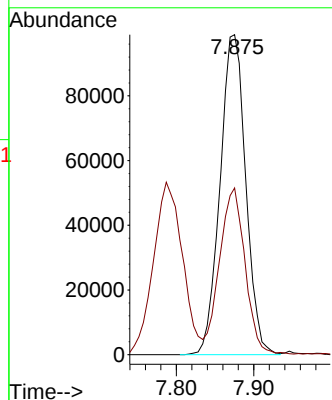
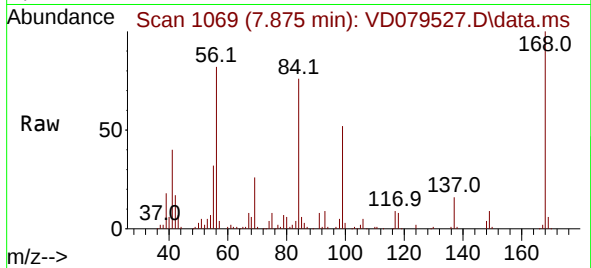
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

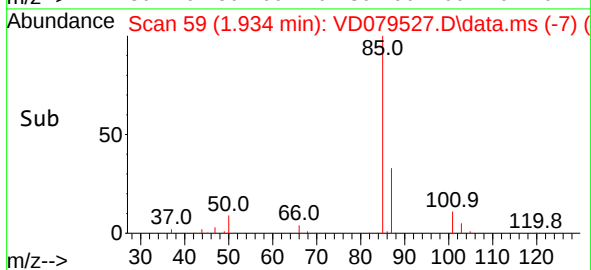
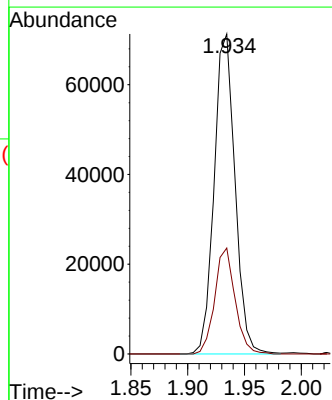
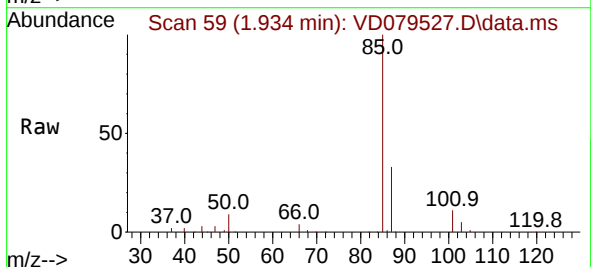
Instrument :
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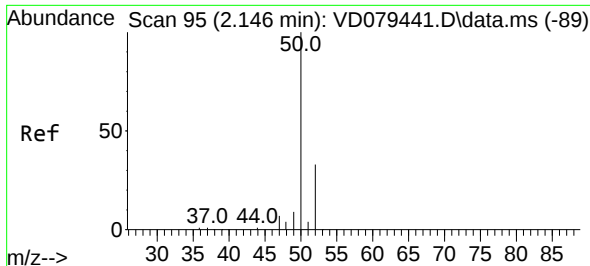
Tgt Ion:168 Resp: 228044
Ion Ratio Lower Upper
168 100
99 51.4 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 51.007 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 85 Resp: 91138
Ion Ratio Lower Upper
85 100
87 33.1 16.0 48.0

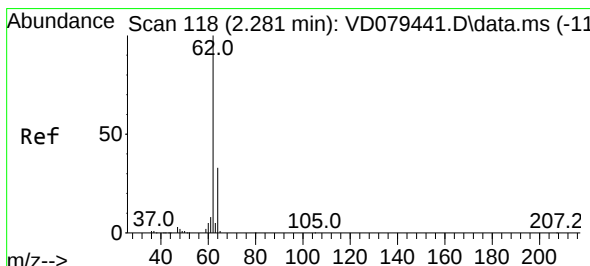
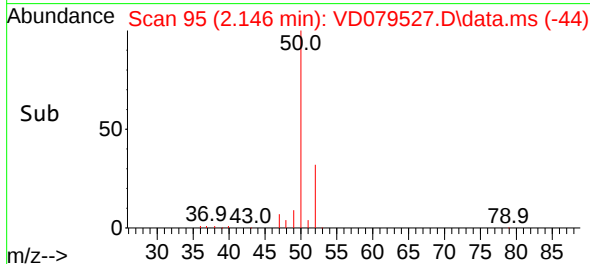
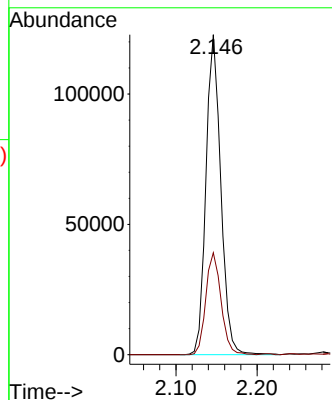
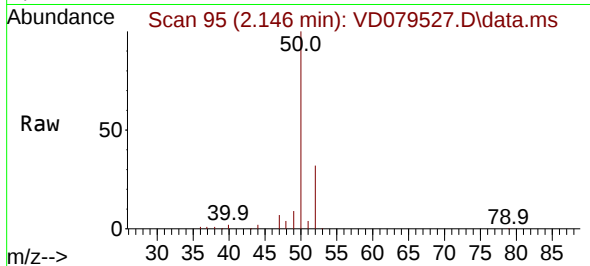




#3
Chloromethane
Concen: 47.186 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

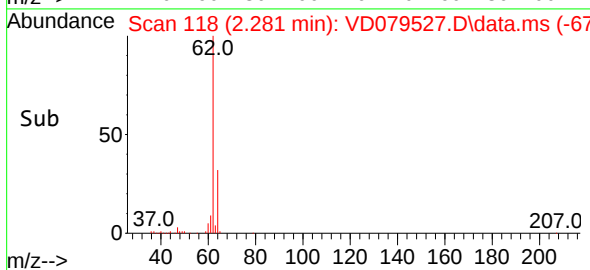
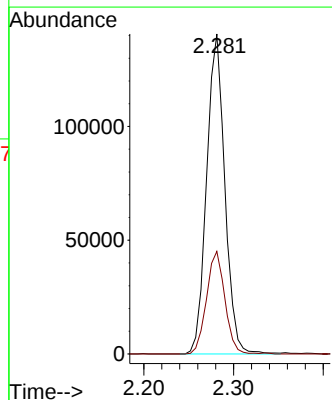
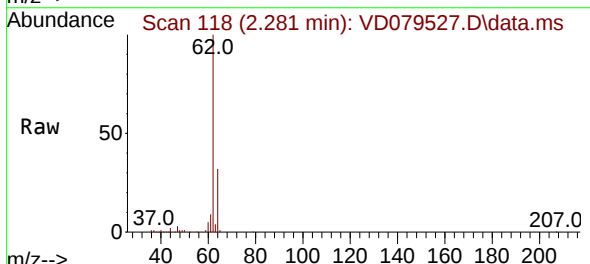
Instrument :
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ClientSampleId :
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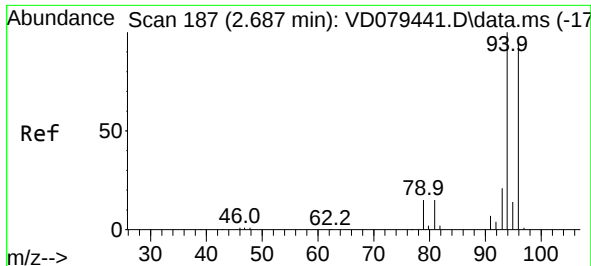
Tgt Ion: 50 Resp: 155347
Ion Ratio Lower Upper
50 100
52 31.9 28.2 42.2



#4
Vinyl Chloride
Concen: 50.588 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 62 Resp: 198028
Ion Ratio Lower Upper
62 100
64 32.1 26.3 39.5

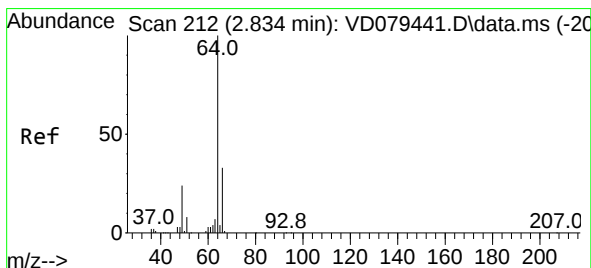
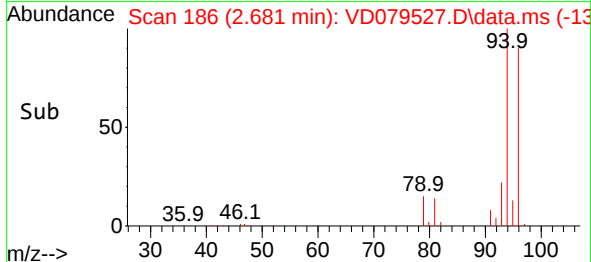
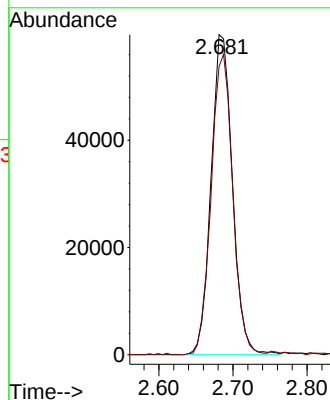
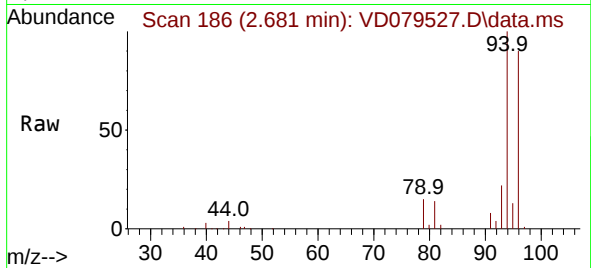




#5
Bromomethane
Concen: 48.173 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

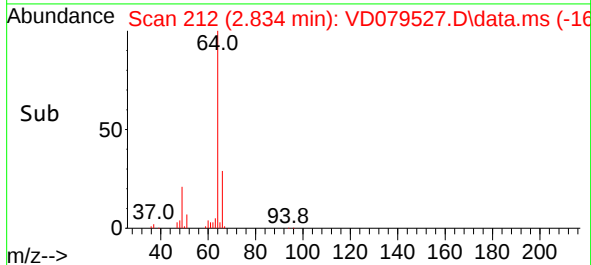
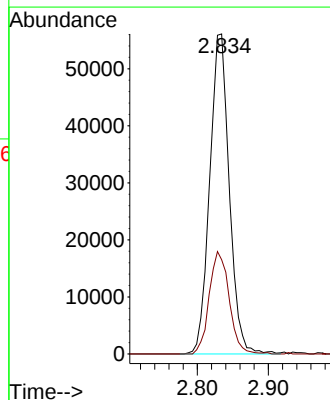
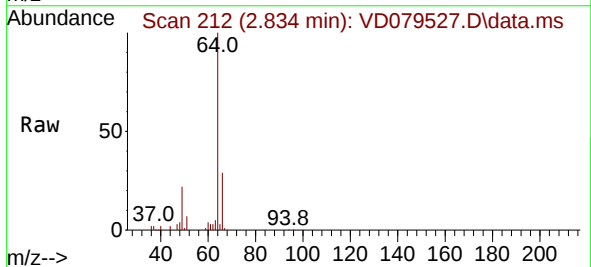
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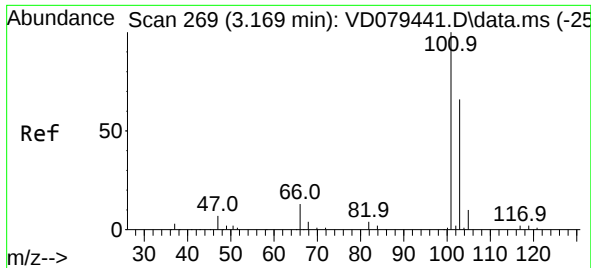
Tgt Ion: 94 Resp: 119262
Ion Ratio Lower Upper
94 100
96 95.1 76.9 115.3



#6
Chloroethane
Concen: 42.745 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 64 Resp: 107521
Ion Ratio Lower Upper
64 100
66 29.5 24.5 36.7

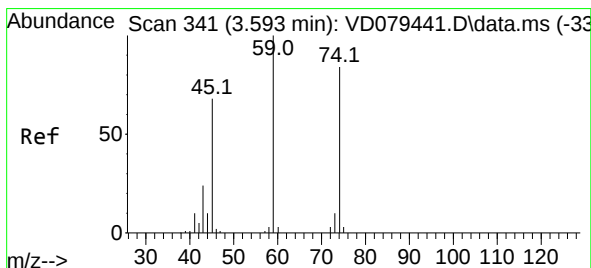
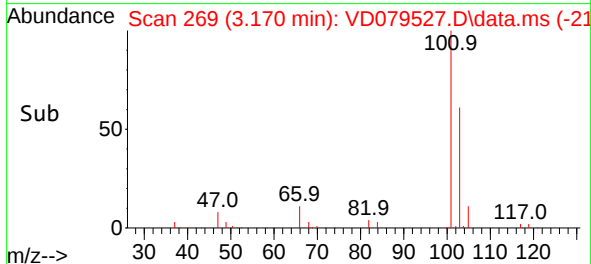
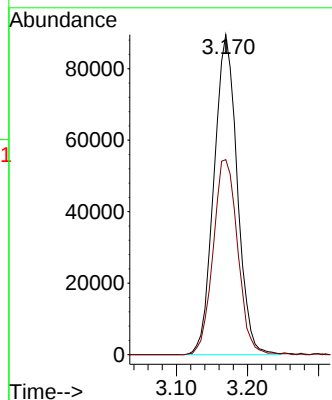
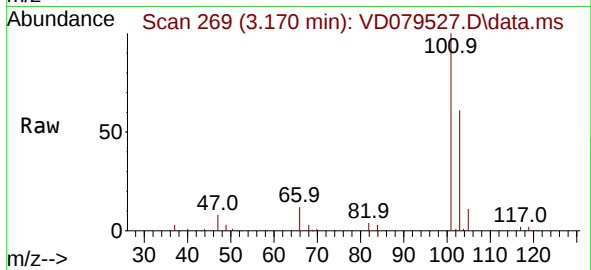




#7
Trichlorofluoromethane
Concen: 52.259 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

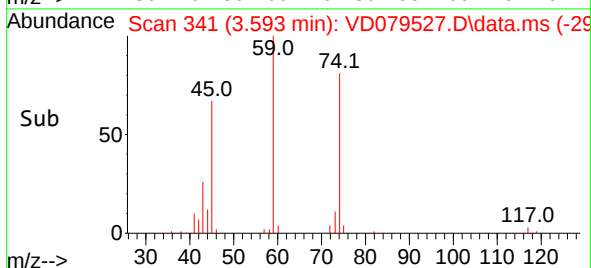
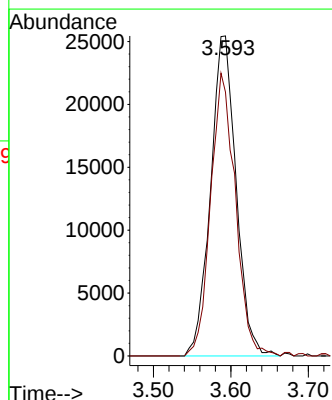
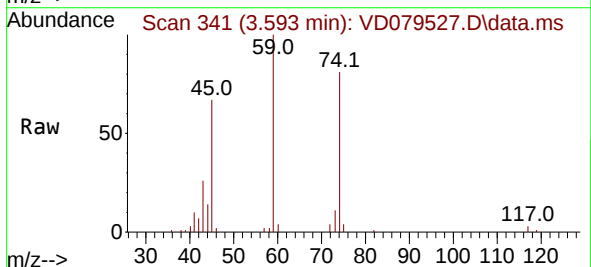
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

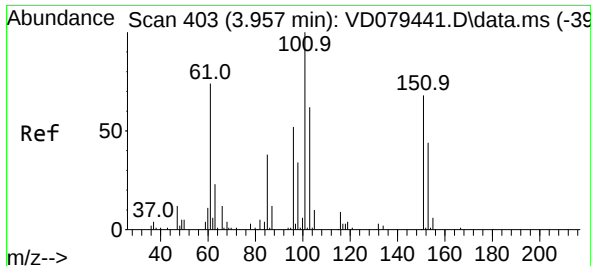
Tgt Ion:101 Resp: 203440
Ion Ratio Lower Upper
101 100
103 61.0 53.2 79.8



#8
Diethyl Ether
Concen: 49.761 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 74 Resp: 58517
Ion Ratio Lower Upper
74 100
45 85.3 37.9 113.6

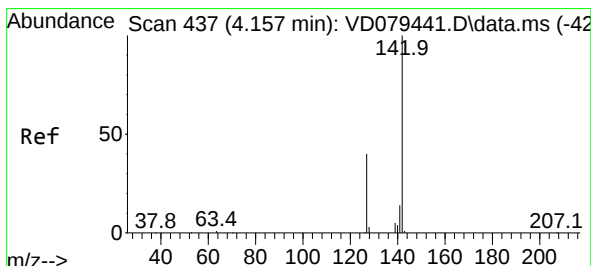
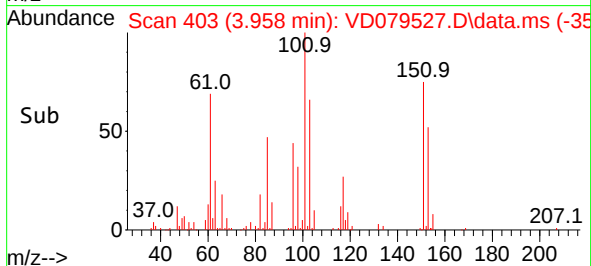
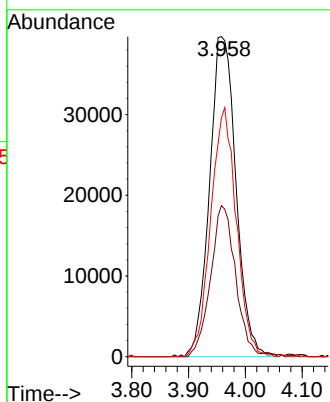
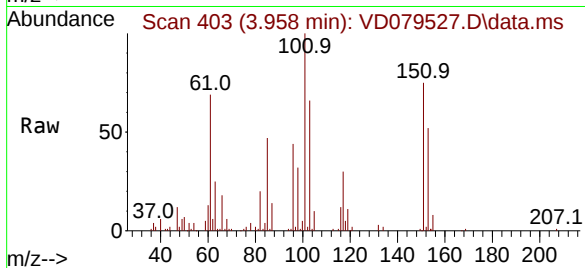




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.218 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

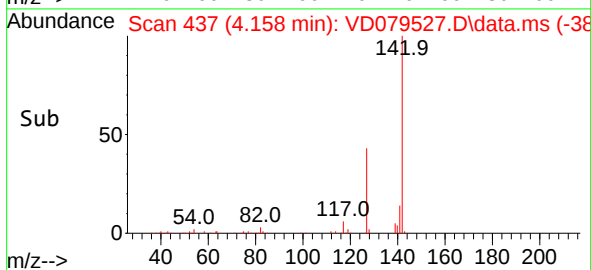
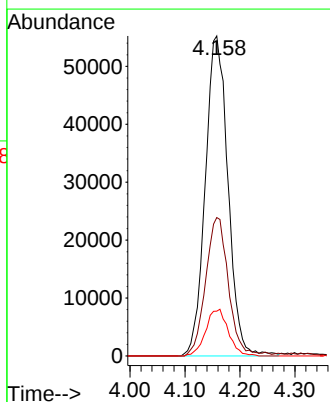
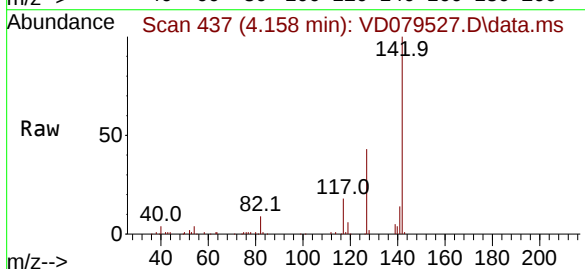
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

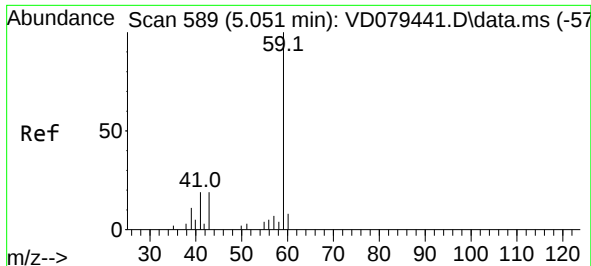
Tgt Ion:101 Resp: 128570
Ion Ratio Lower Upper
101 100
85 44.9 33.5 50.3
151 75.0 60.3 90.5



#10
Methyl Iodide
Concen: 52.626 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion:142 Resp: 158386
Ion Ratio Lower Upper
142 100
127 43.4 34.2 51.4
141 14.5 11.7 17.5

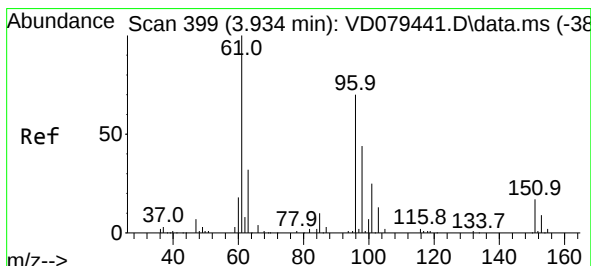
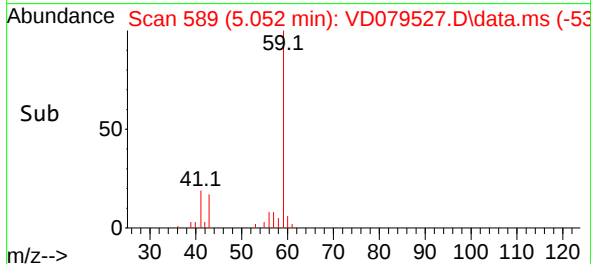
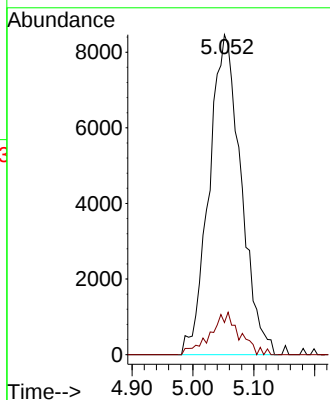
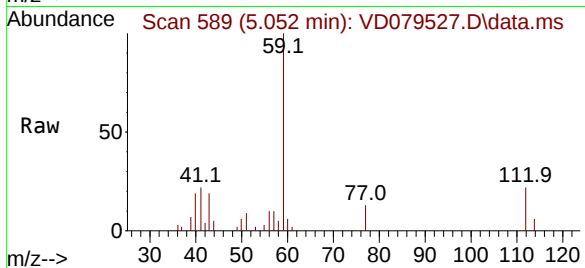




#11
Tert butyl alcohol
Concen: 292.811 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

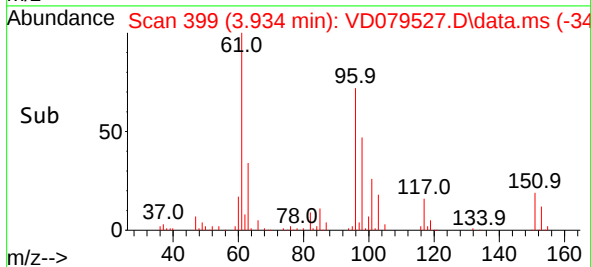
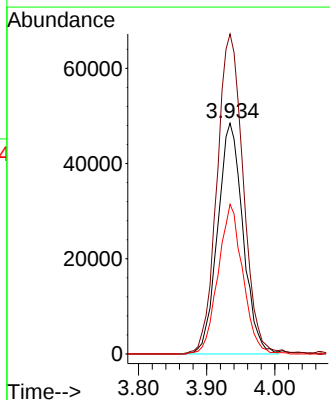
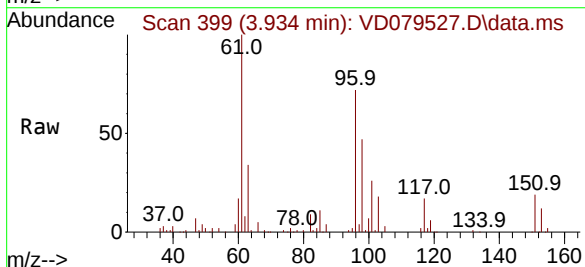
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

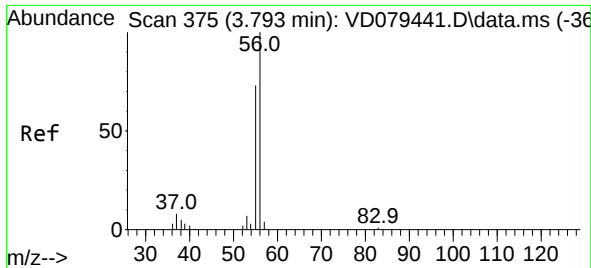
Tgt Ion: 59 Resp: 30883
Ion Ratio Lower Upper
59 100
57 12.1 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 50.902 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 96 Resp: 125421
Ion Ratio Lower Upper
96 100
61 138.7 107.3 160.9
98 64.8 51.7 77.5

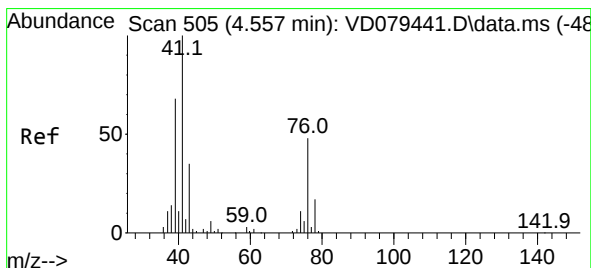
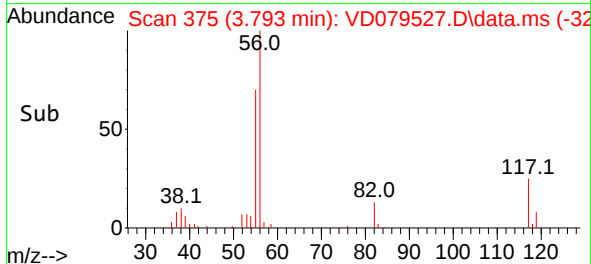
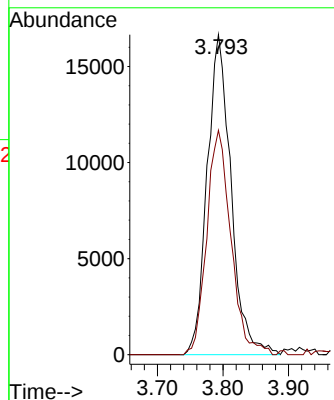
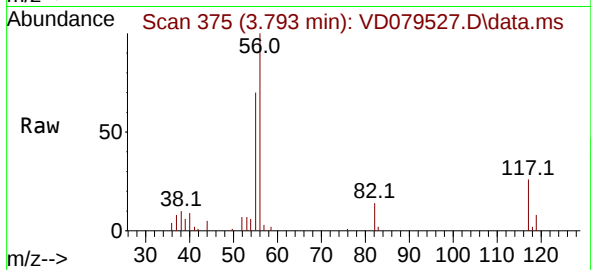




#13
Acrolein
Concen: 255.099 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

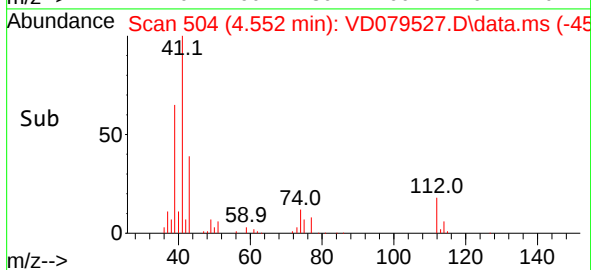
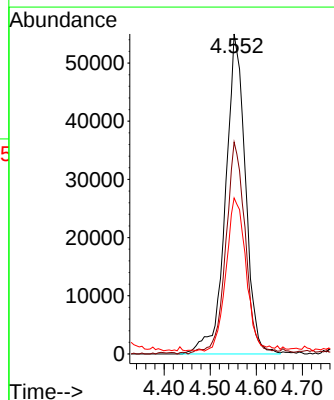
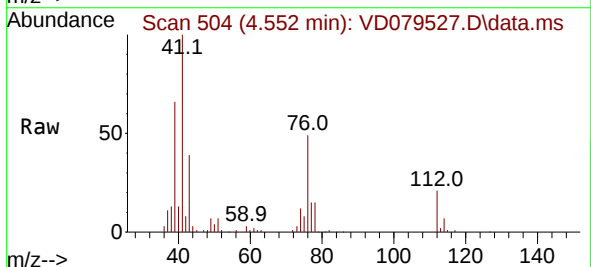
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

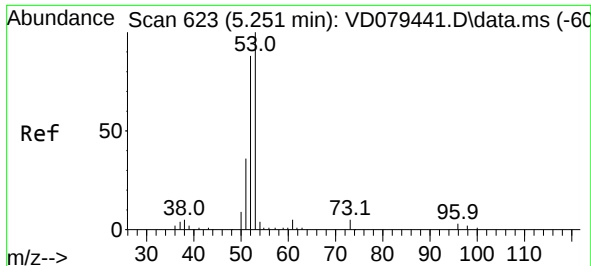
Tgt Ion: 56 Resp: 42019
Ion Ratio Lower Upper
56 100
55 71.2 55.3 82.9



#14
Allyl chloride
Concen: 50.729 ug/l
RT: 4.552 min Scan# 504
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 41 Resp: 165056
Ion Ratio Lower Upper
41 100
39 65.2 58.0 87.0
76 47.9 45.9 68.9

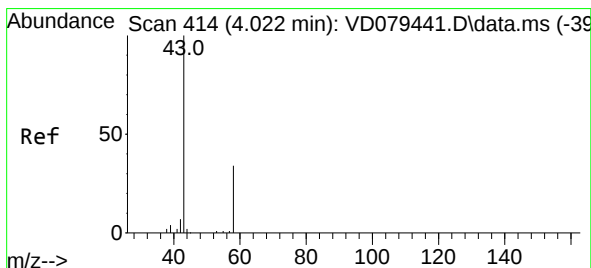
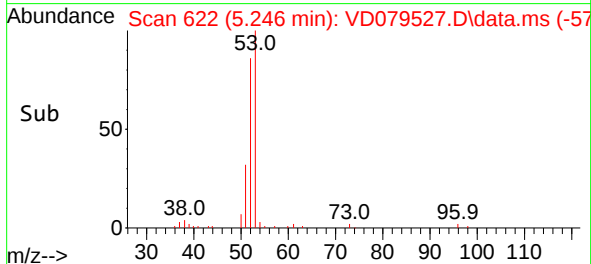
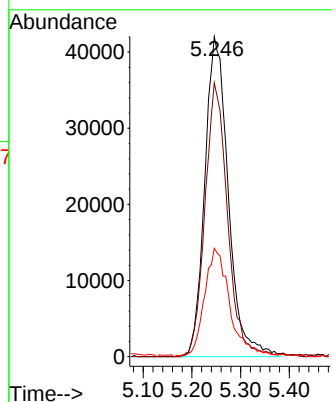
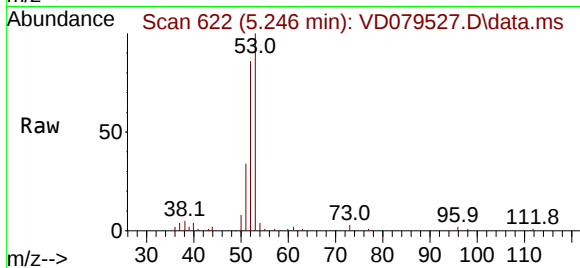




#15
Acrylonitrile
Concen: 256.551 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

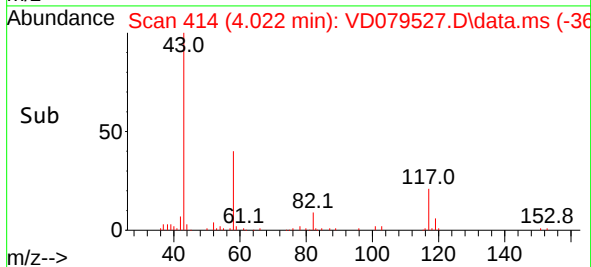
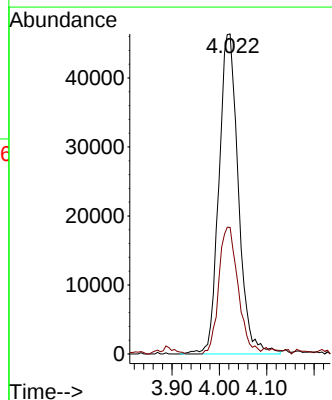
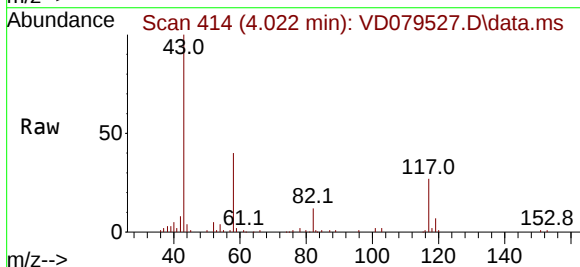
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

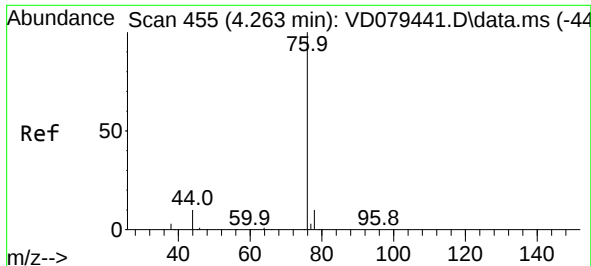
Tgt Ion: 53 Resp: 140976
Ion Ratio Lower Upper
53 100
52 82.1 67.7 101.5
51 36.5 28.6 42.8



#16
Acetone
Concen: 293.472 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 43 Resp: 132131
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

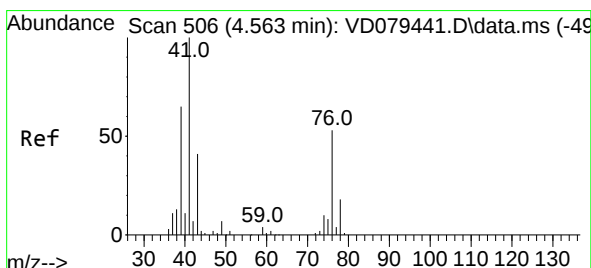
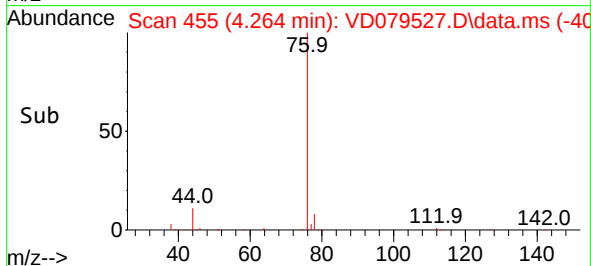
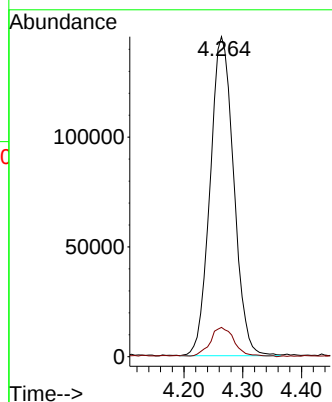
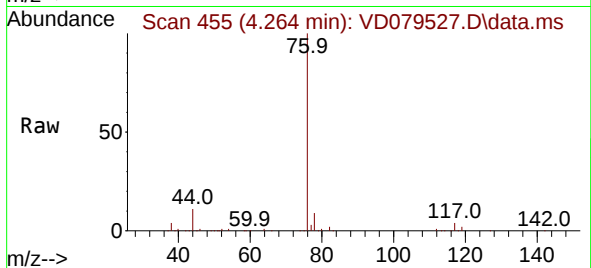




#17
Carbon Disulfide
Concen: 49.909 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

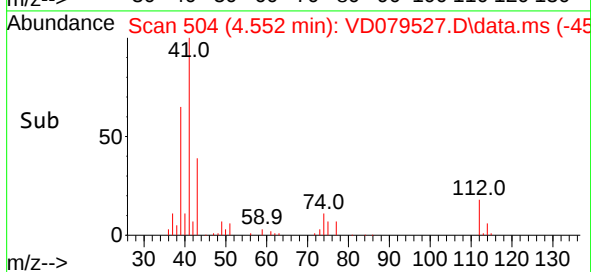
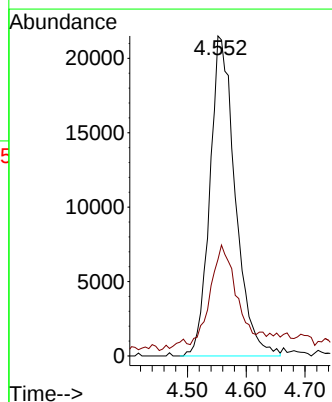
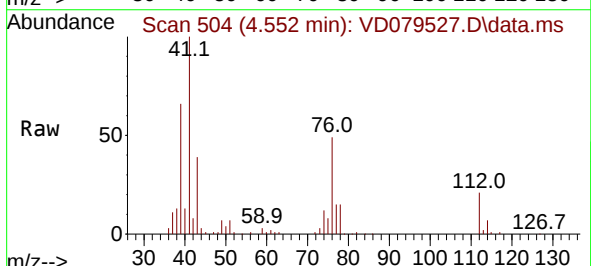
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

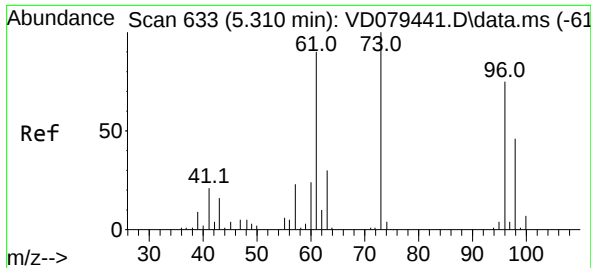
Tgt Ion: 76 Resp: 405924
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 46.149 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.018 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 43 Resp: 64511
Ion Ratio Lower Upper
43 100
74 31.1 28.1 42.1

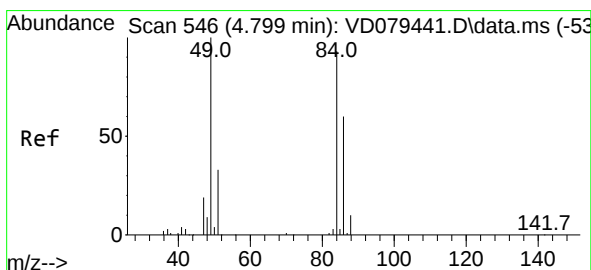
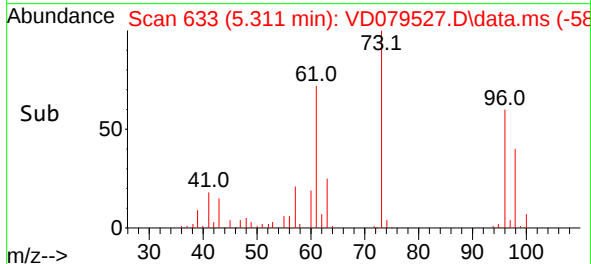
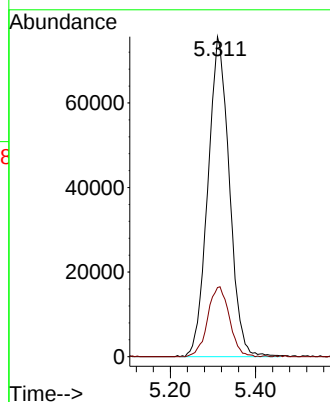
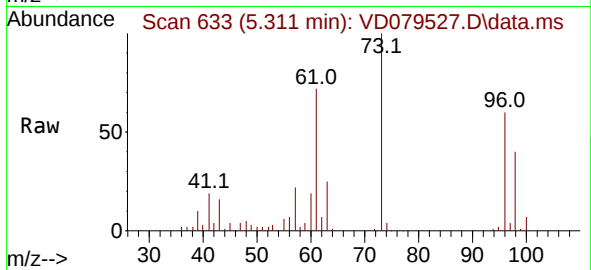




#19
Methyl tert-butyl Ether
Concen: 52.645 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

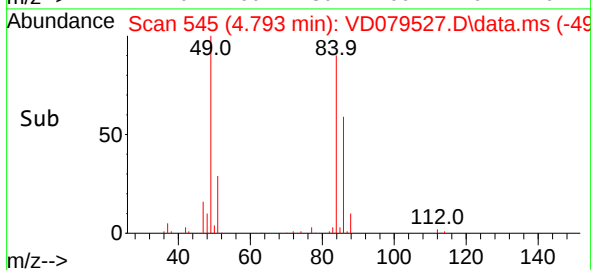
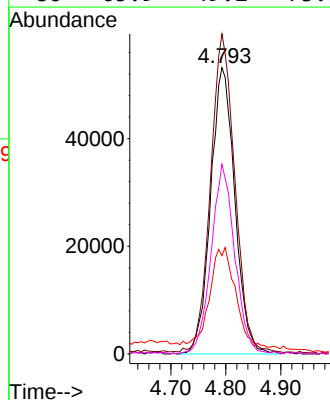
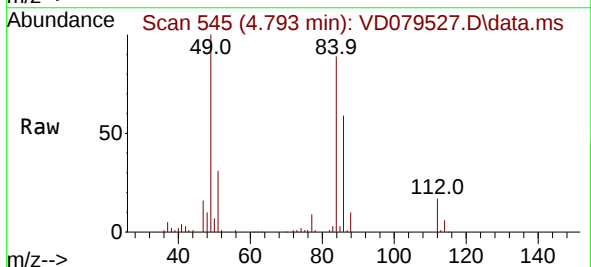
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

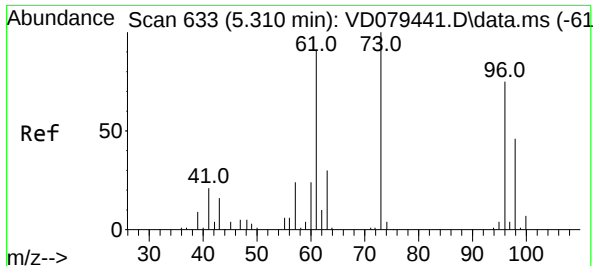
Tgt Ion: 73 Resp: 264778
Ion Ratio Lower Upper
73 100
57 21.6 18.3 27.5



#20
Methylene Chloride
Concen: 48.847 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 84 Resp: 163133
Ion Ratio Lower Upper
84 100
49 111.0 75.6 113.4
51 32.6 24.2 36.2
86 65.9 49.2 73.8

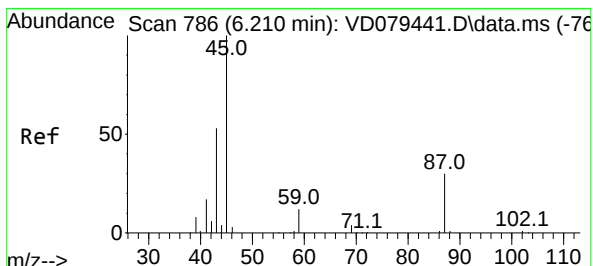
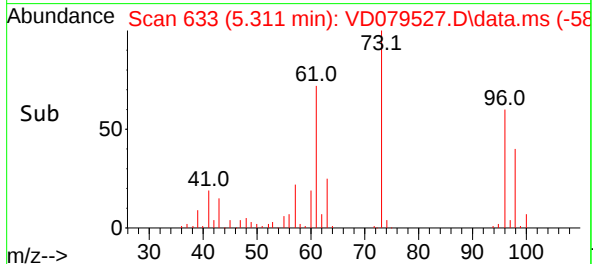
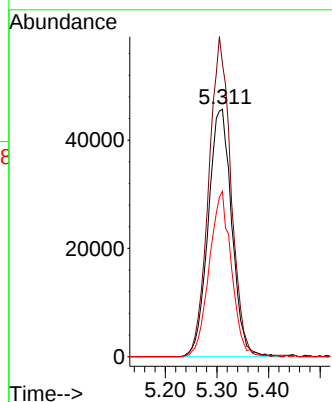
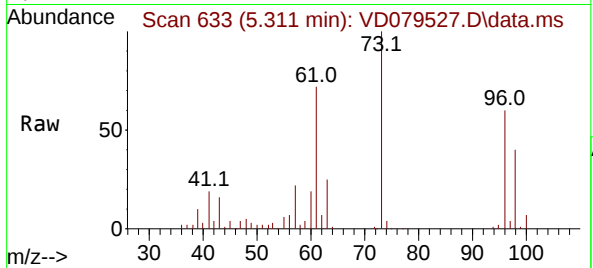




#21
trans-1,2-Dichloroethene
Concen: 52.239 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

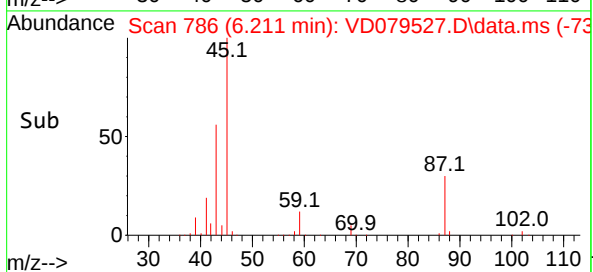
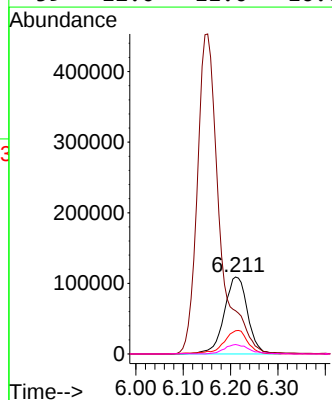
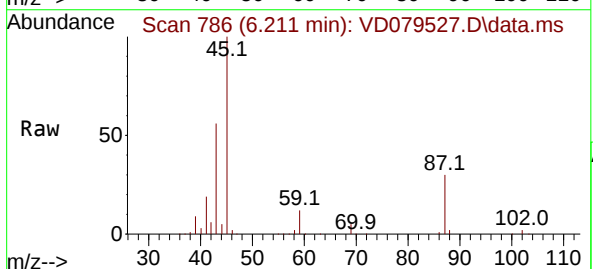
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

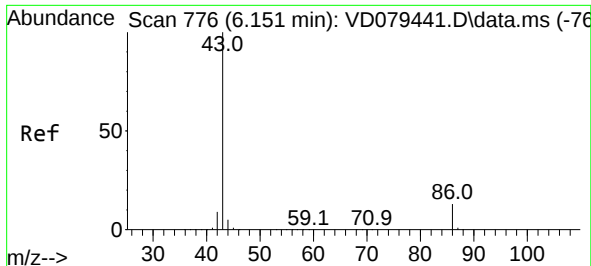
Tgt Ion: 96 Resp: 144598
Ion Ratio Lower Upper
96 100
61 118.4 84.5 126.7
98 66.9 50.5 75.7



#22
Diisopropyl ether
Concen: 51.533 ug/l
RT: 6.211 min Scan# 786
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 45 Resp: 373063
Ion Ratio Lower Upper
45 100
43 54.6 41.7 62.5
87 30.0 30.2 45.2#
59 12.0 11.0 16.6

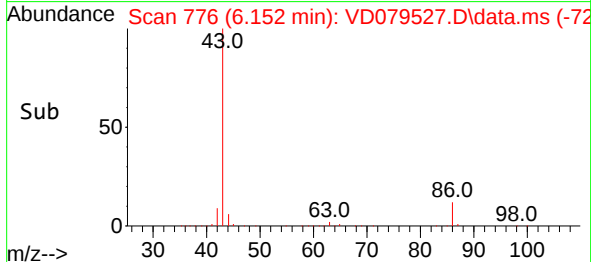
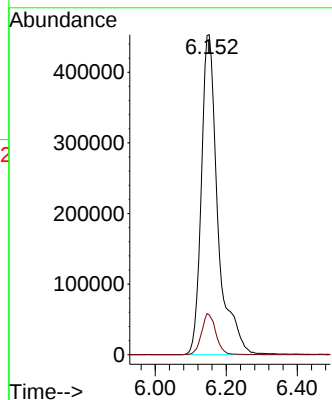
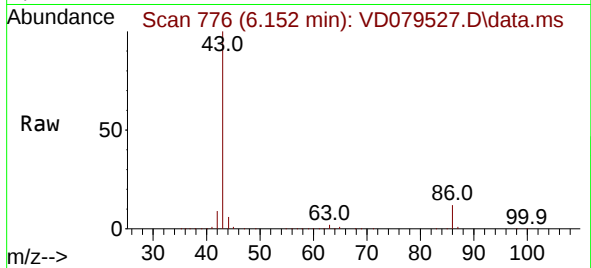




#23
 Vinyl Acetate
 Concen: 270.246 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079527.D
 Acq: 01 Aug 2024 10:47

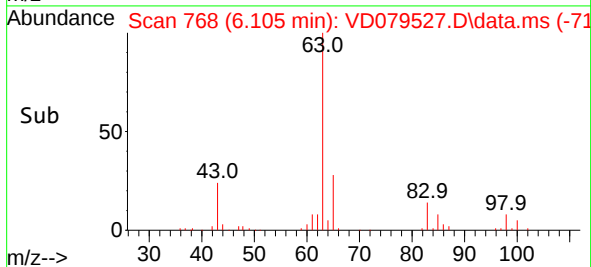
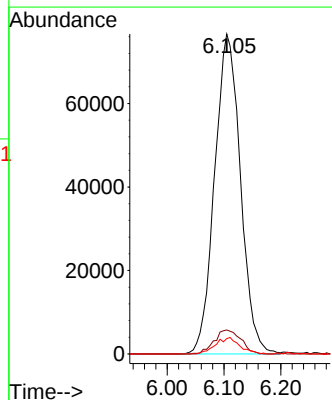
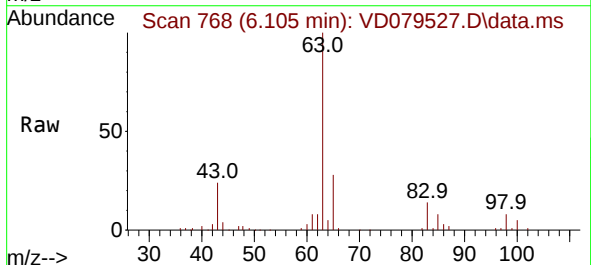
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

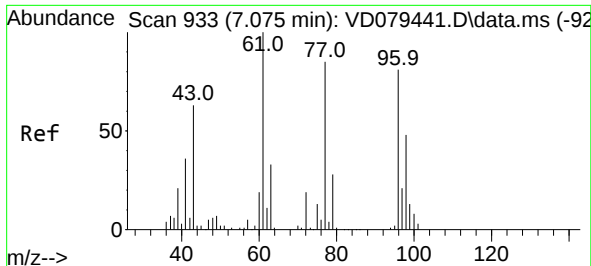
Tgt Ion: 43 Resp: 1470667
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 49.903 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079527.D
 Acq: 01 Aug 2024 10:47

Tgt Ion: 63 Resp: 242096
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.7 14.0
 100 4.8 2.9 8.6

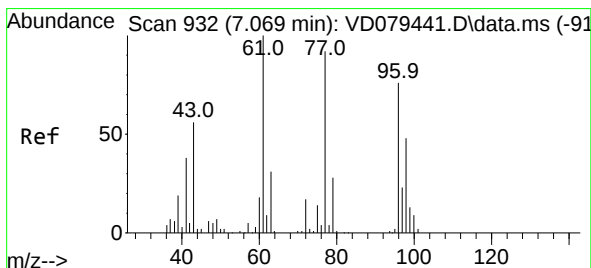
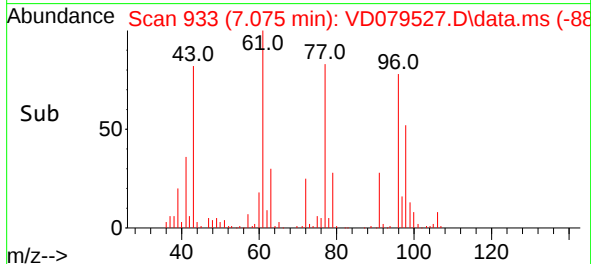
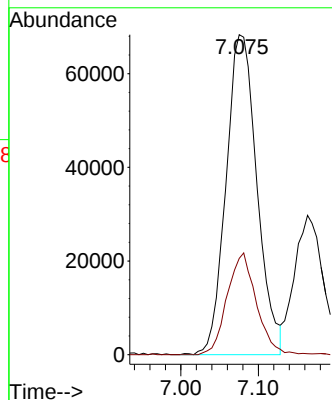
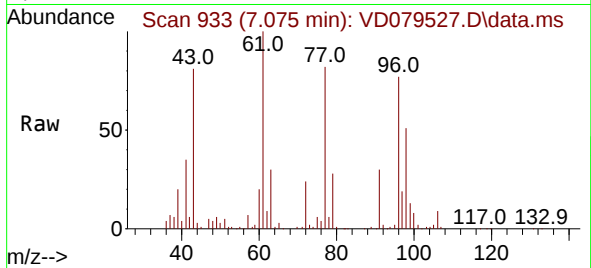




#25
2-Butanone
Concen: 297.724 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

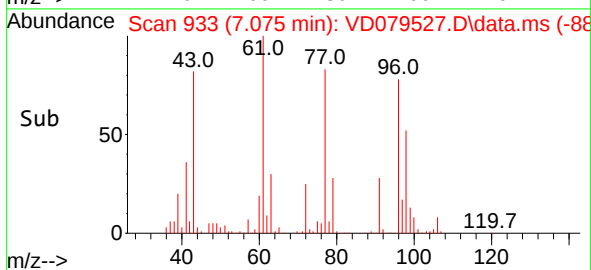
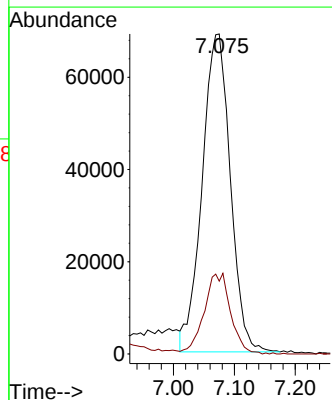
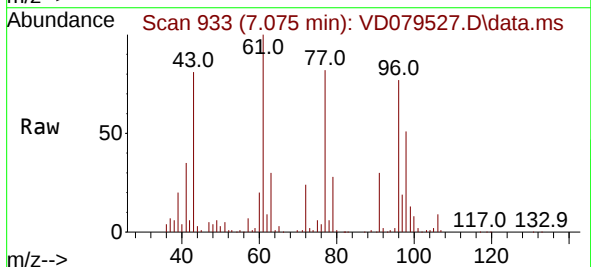
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

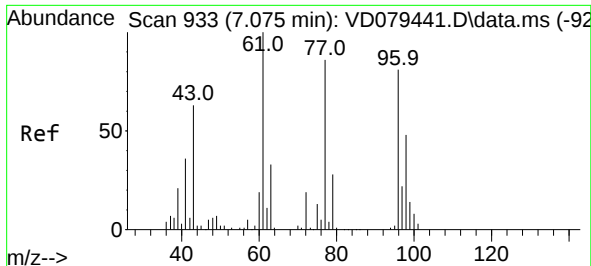
Tgt Ion: 43 Resp: 190039
Ion Ratio Lower Upper
43 100
72 30.1 26.4 39.6



#26
2,2-Dichloropropane
Concen: 56.466 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 77 Resp: 221578
Ion Ratio Lower Upper
77 100
97 23.8 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 54.410 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

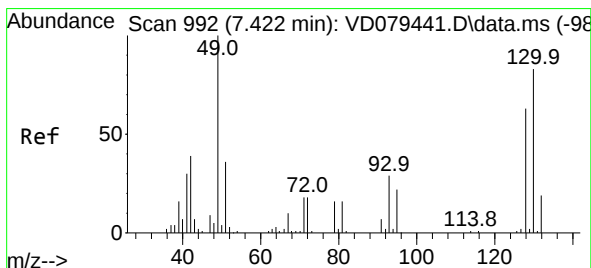
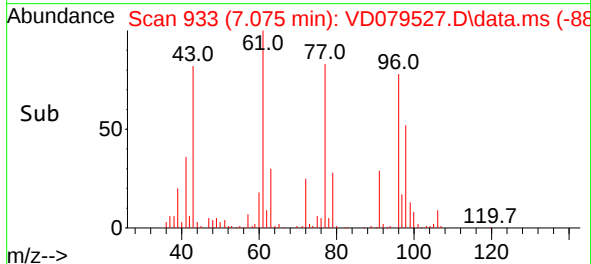
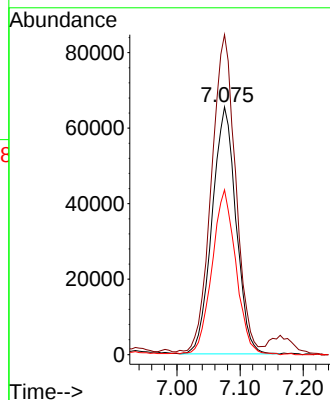
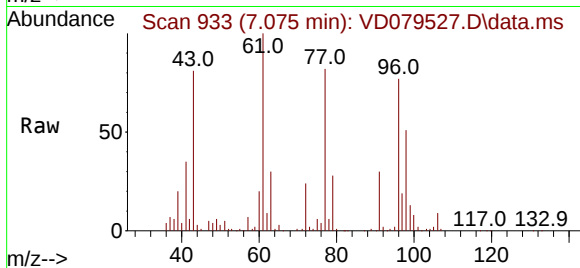
Tgt Ion: 96 Resp: 172149

Ion Ratio Lower Upper

96 100

61 130.1 0.0 229.0

98 67.0 0.0 127.2



#28

Bromochloromethane

Concen: 56.161 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.006 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

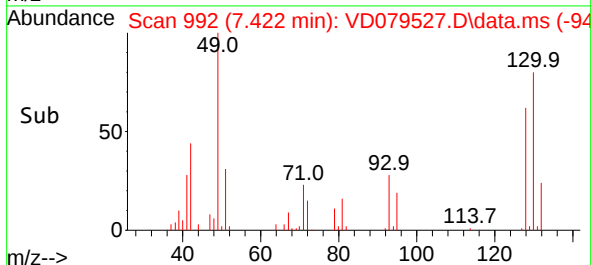
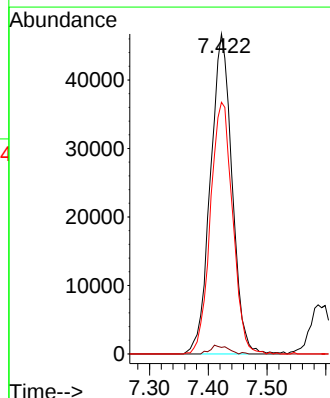
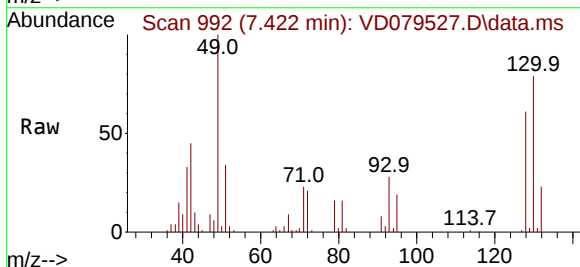
Tgt Ion: 49 Resp: 119477

Ion Ratio Lower Upper

49 100

129 2.1 0.0 7.0

130 80.7 87.7 131.5





#29

Tetrahydrofuran

Concen: 269.680 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

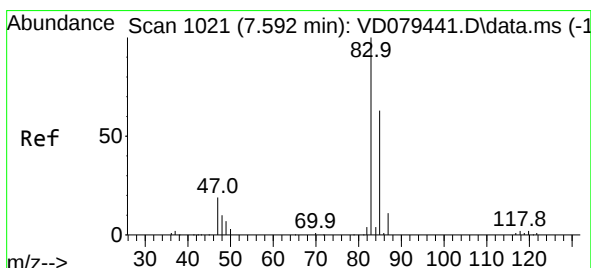
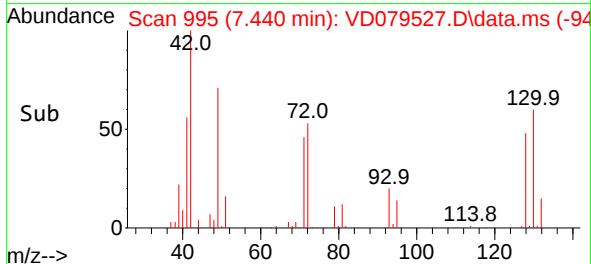
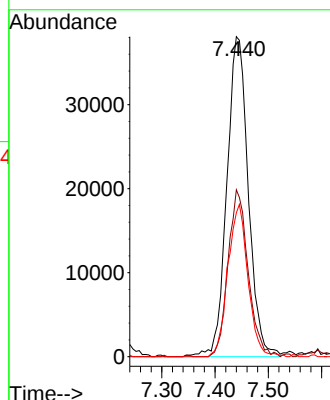
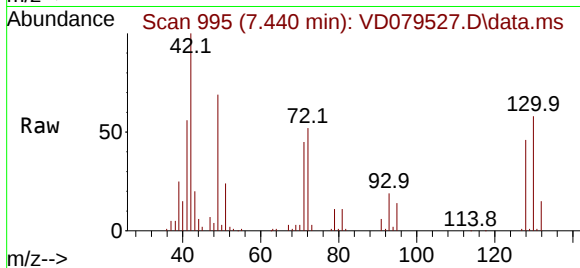
Tgt Ion: 42 Resp: 106679

Ion Ratio Lower Upper

42 100

72 48.8 49.4 74.0#

71 44.5 45.0 67.6#



#30

Chloroform

Concen: 51.641 ug/l

RT: 7.587 min Scan# 1020

Delta R.T. -0.006 min

Lab File: VD079527.D

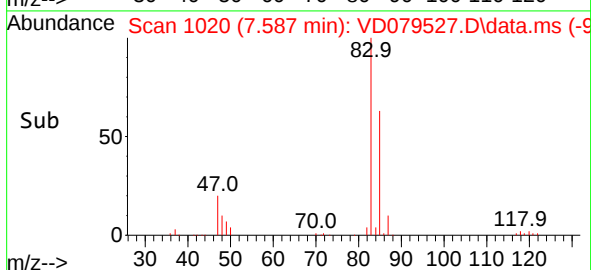
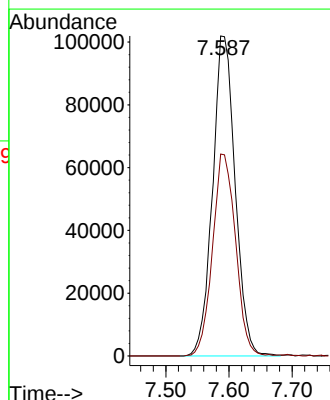
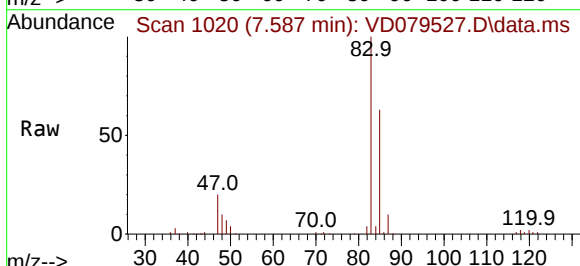
Acq: 01 Aug 2024 10:47

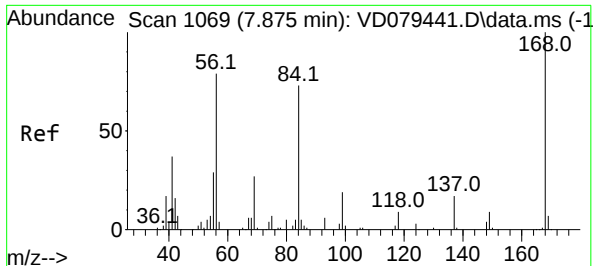
Tgt Ion: 83 Resp: 253706

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.6





#31

Cyclohexane

Concen: 52.130 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

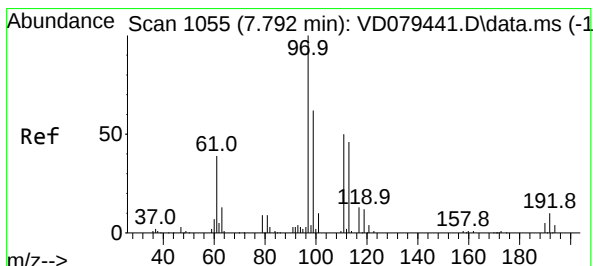
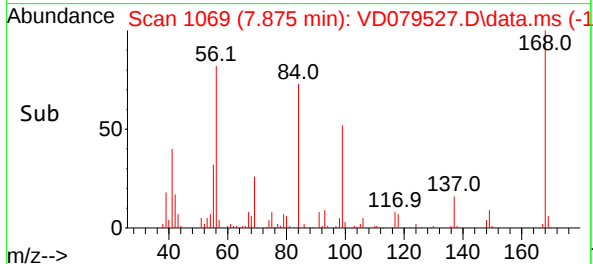
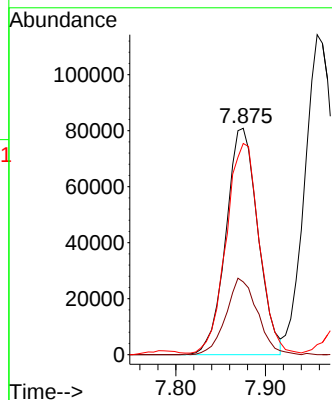
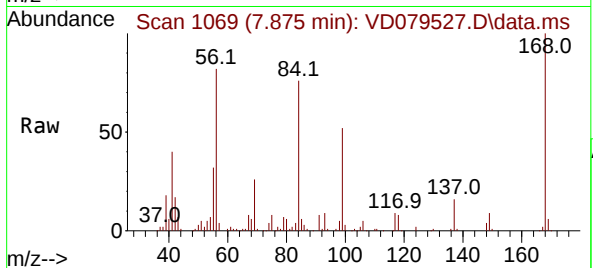
Tgt Ion: 56 Resp: 200574

Ion Ratio Lower Upper

56 100

69 32.2 28.0 42.0

84 92.5 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 52.808 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

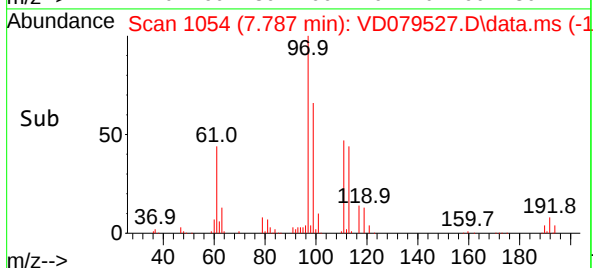
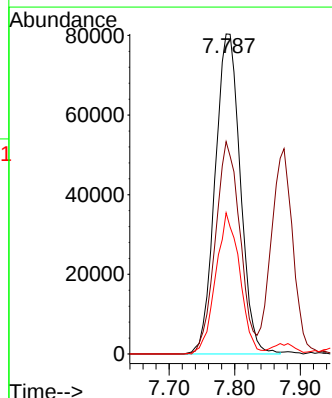
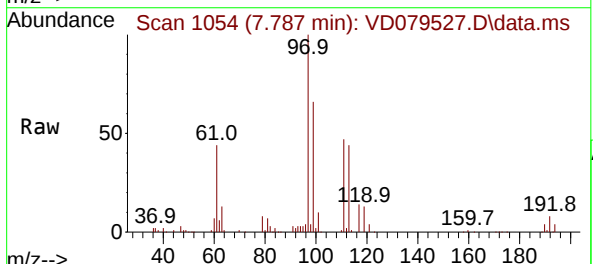
Tgt Ion: 97 Resp: 214081

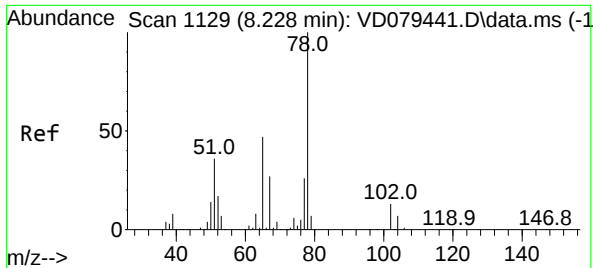
Ion Ratio Lower Upper

97 100

99 65.2 51.3 76.9

61 42.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 53.868 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

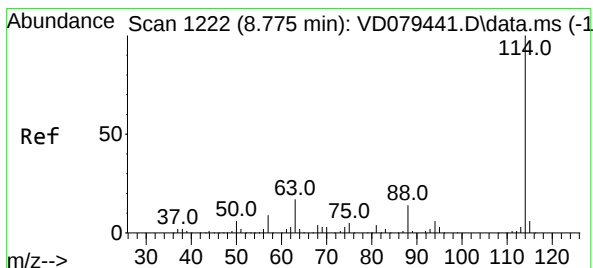
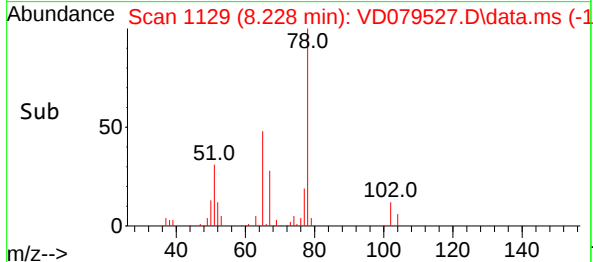
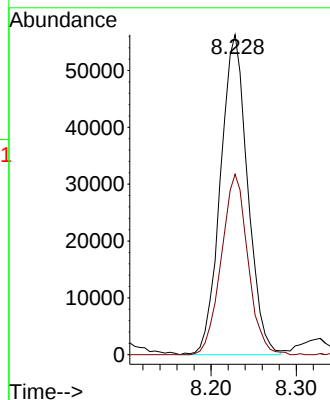
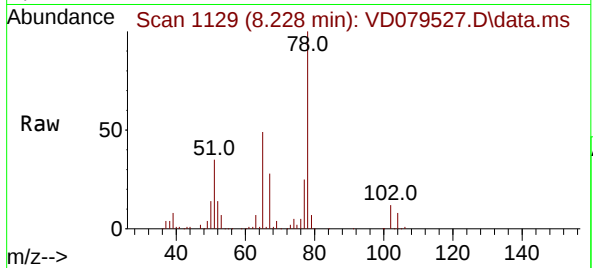
VSTDCCC050

Tgt Ion: 65 Resp: 124796

Ion Ratio Lower Upper

65 100

67 55.2 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: VD079527.D

Acq: 01 Aug 2024 10:47

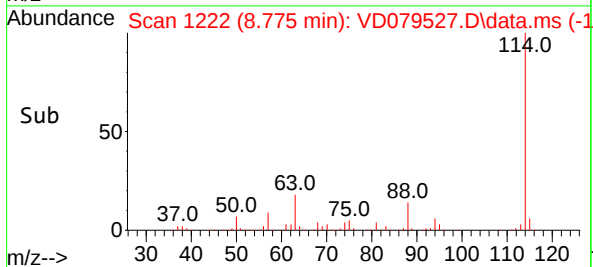
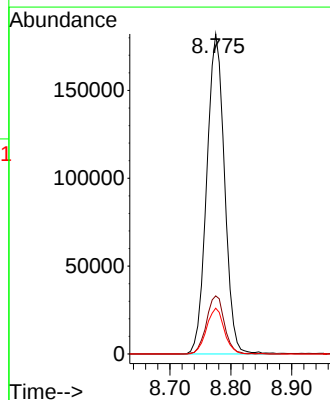
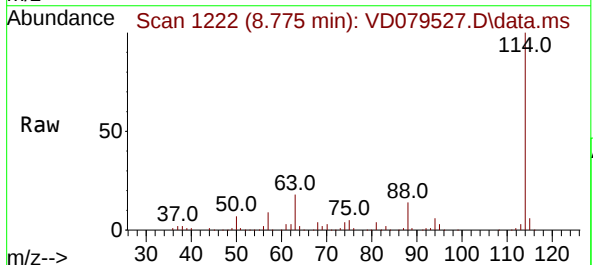
Tgt Ion: 114 Resp: 369825

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.004 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

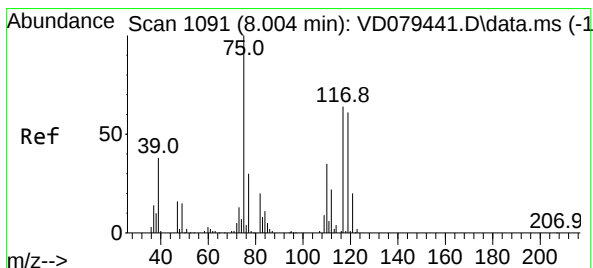
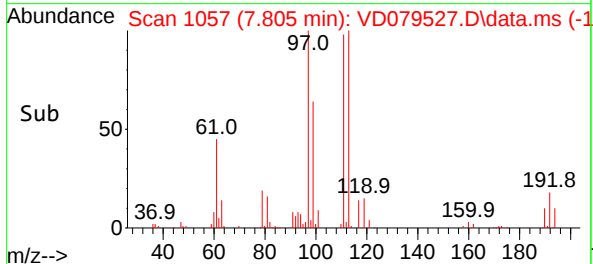
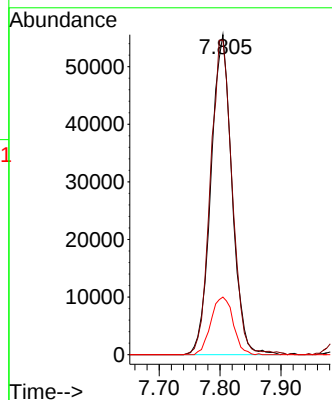
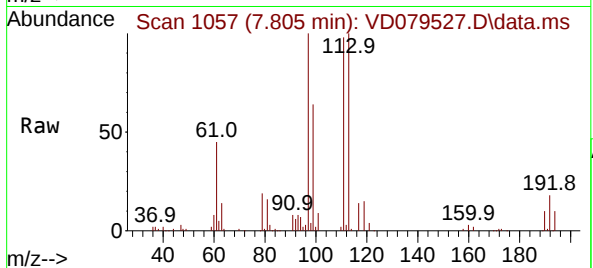
Tgt Ion:113 Resp: 132678

Ion Ratio Lower Upper

113 100

111 101.8 84.0 126.0

192 19.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 59.562 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

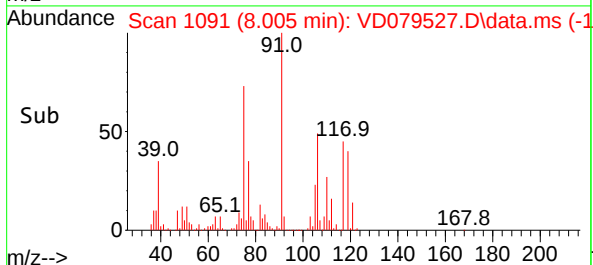
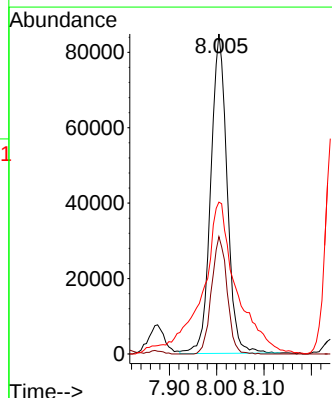
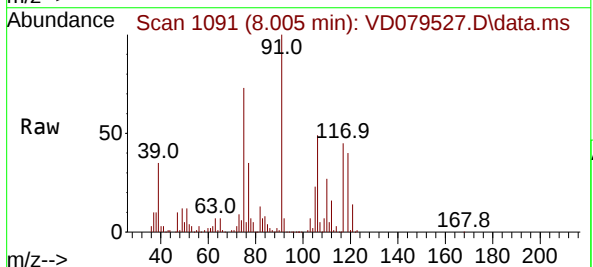
Tgt Ion: 75 Resp: 203497

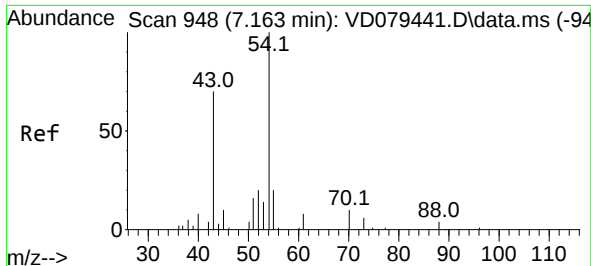
Ion Ratio Lower Upper

75 100

110 34.9 19.6 58.7

77 100.4 26.1 39.1#





#37

Ethyl Acetate

Concen: 56.218 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.012 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

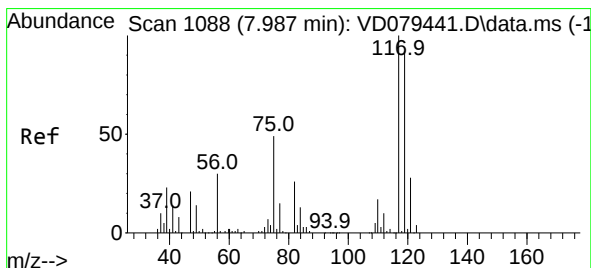
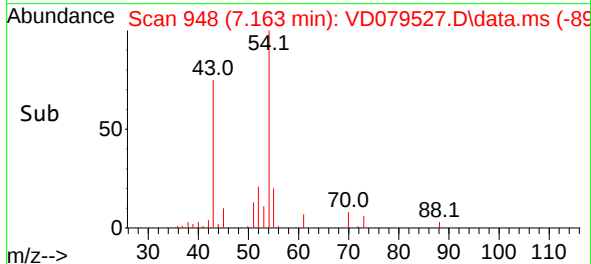
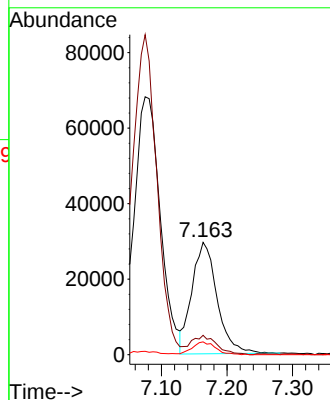
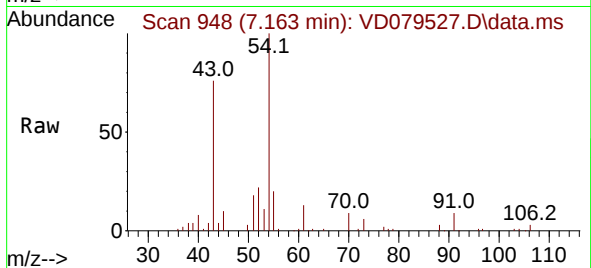
Tgt Ion: 43 Resp: 78750

Ion Ratio Lower Upper

43 100

61 17.2 13.9 20.9

70 10.6 9.8 14.6



#38

Carbon Tetrachloride

Concen: 56.197 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

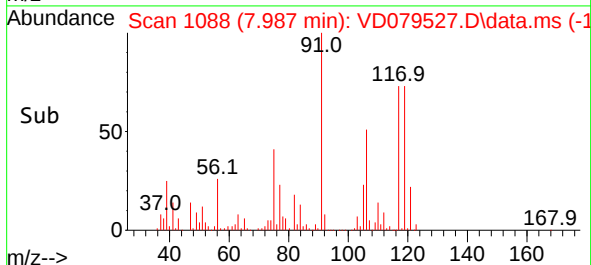
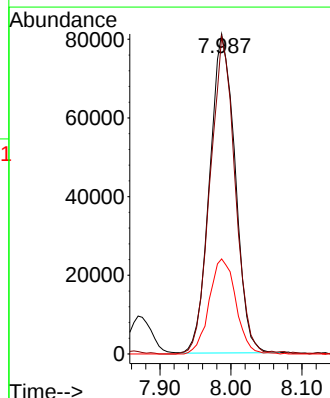
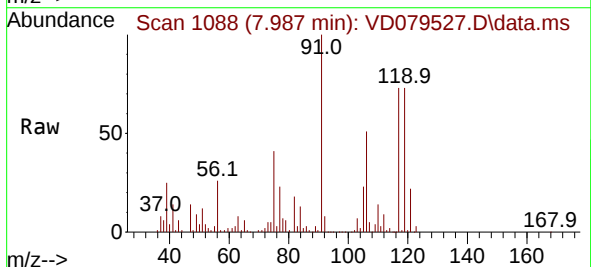
Tgt Ion: 117 Resp: 201835

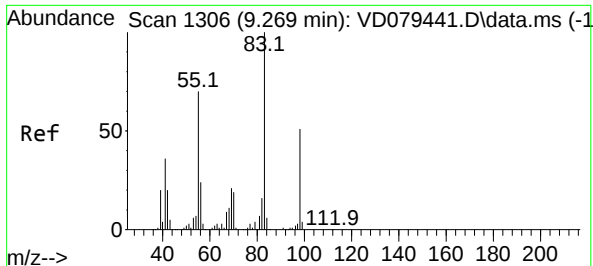
Ion Ratio Lower Upper

117 100

119 99.3 75.4 113.0

121 29.8 25.0 37.4





#39

Methylcyclohexane

Concen: 56.360 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

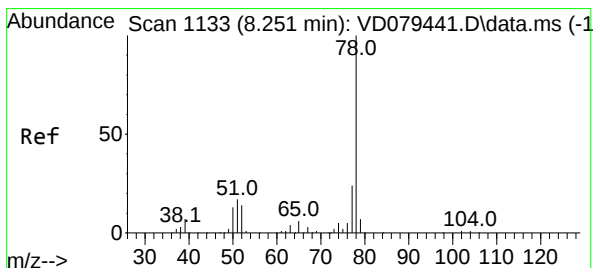
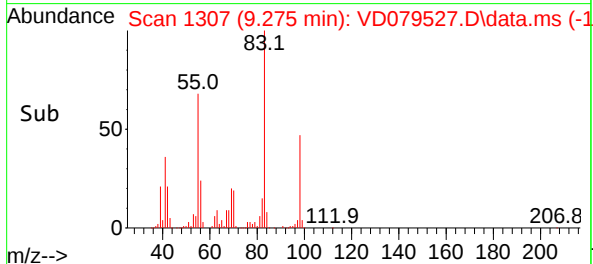
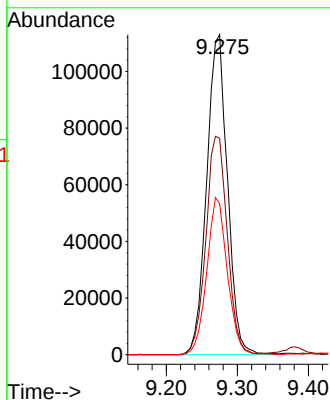
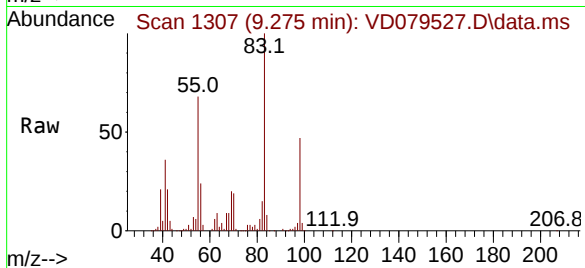
Tgt Ion: 83 Resp: 229749

Ion Ratio Lower Upper

83 100

55 67.6 50.1 75.1

98 47.2 41.9 62.9



#40

Benzene

Concen: 54.748 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD079527.D

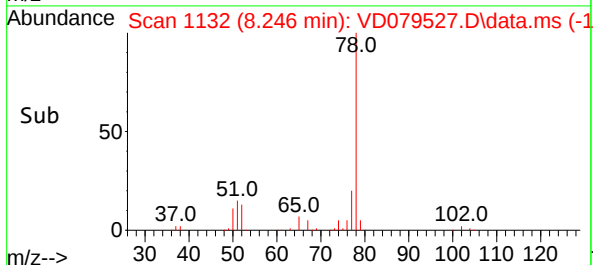
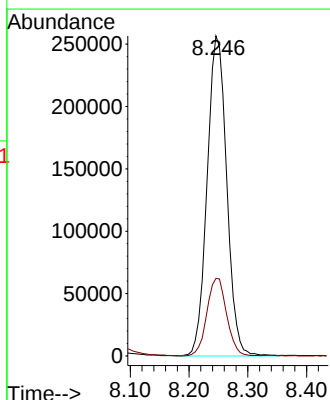
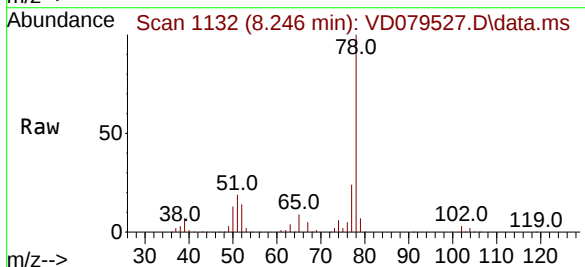
Acq: 01 Aug 2024 10:47

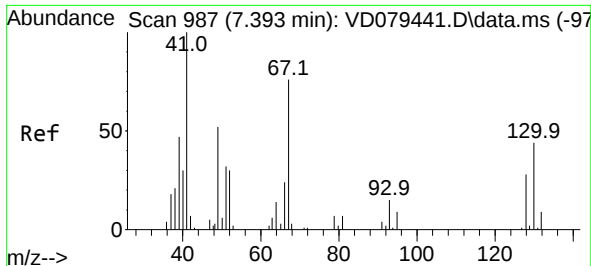
Tgt Ion: 78 Resp: 594094

Ion Ratio Lower Upper

78 100

77 24.2 18.1 27.1



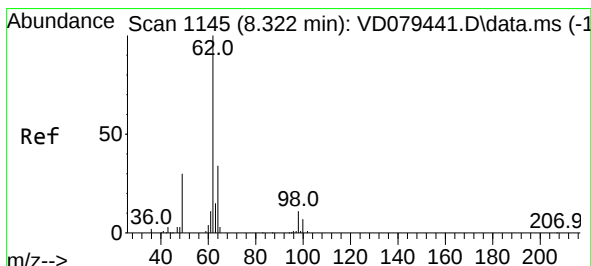
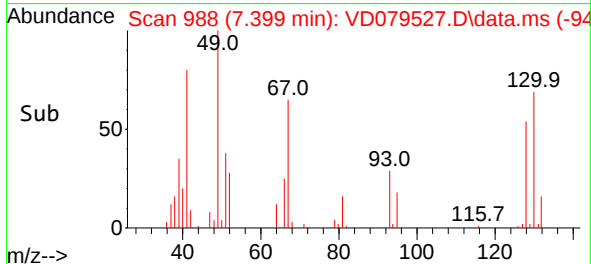
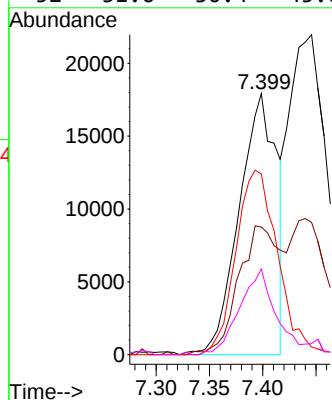
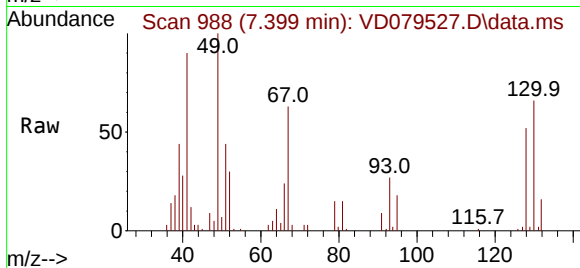


#41
Methacrylonitrile
Concen: 57.066 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 43970

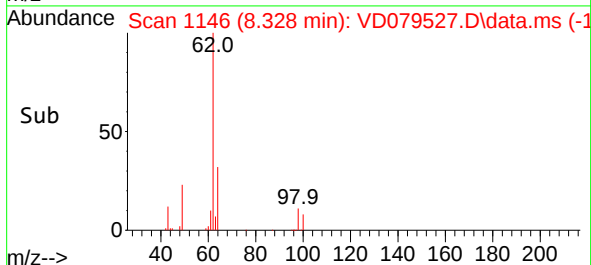
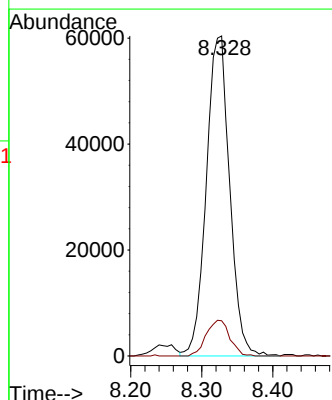
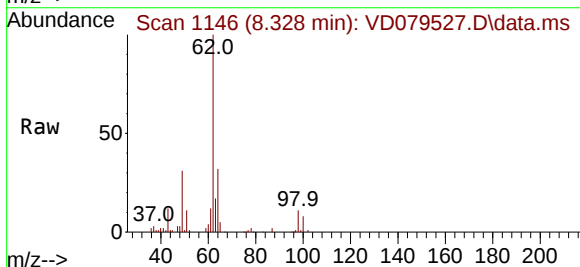
Ion	Ratio	Lower	Upper
41	100		
39	57.3	41.4	62.0
67	78.7	85.8	128.6#
52	31.6	30.4	45.6

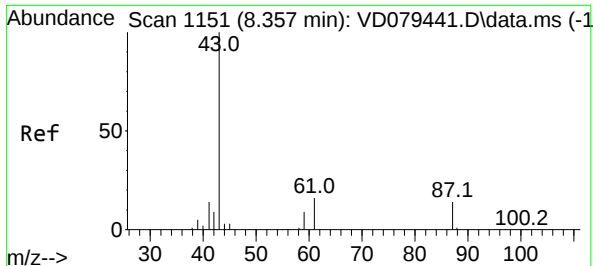


#42
1,2-Dichloroethane
Concen: 53.390 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 62 Resp: 138059

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	25.8





#43

Isopropyl Acetate

Concen: 55.495 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

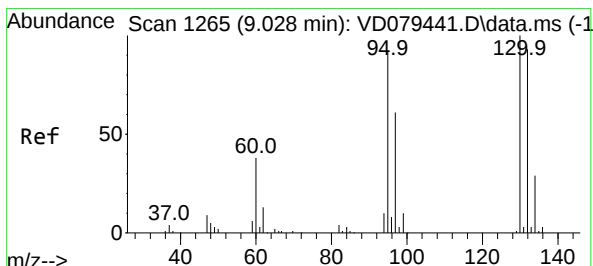
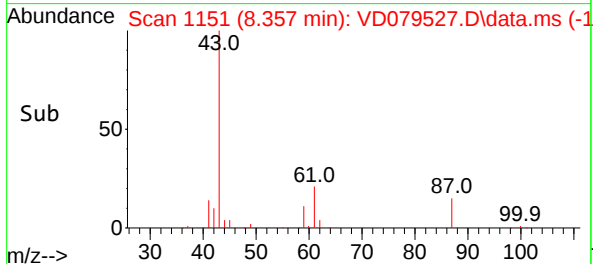
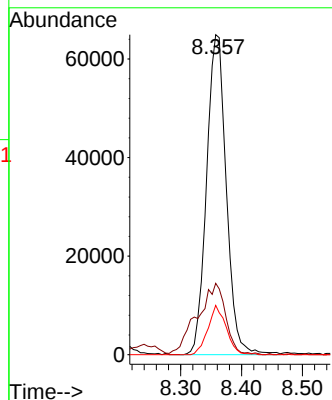
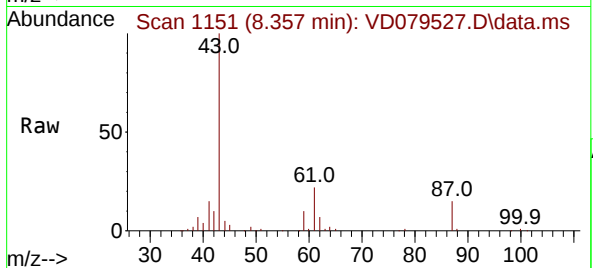
Tgt Ion: 43 Resp: 146099

Ion Ratio Lower Upper

43 100

61 32.1 29.3 43.9

87 14.3 14.9 22.3#



#44

Trichloroethene

Concen: 53.046 ug/l

RT: 9.022 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VD079527.D

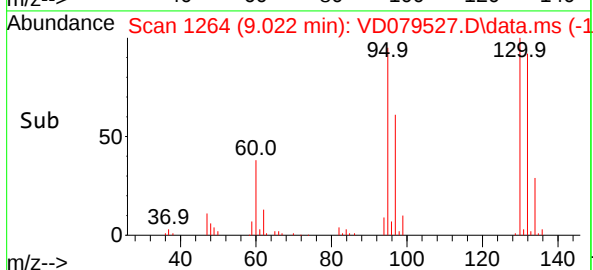
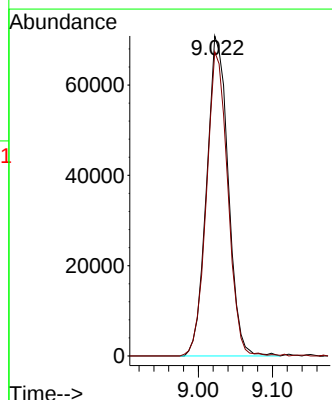
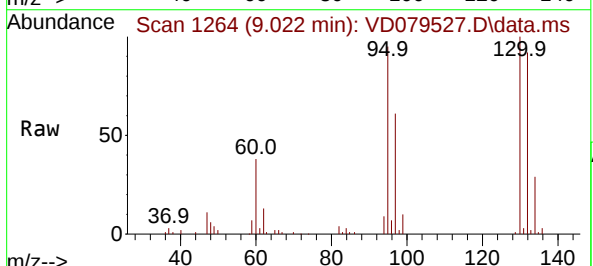
Acq: 01 Aug 2024 10:47

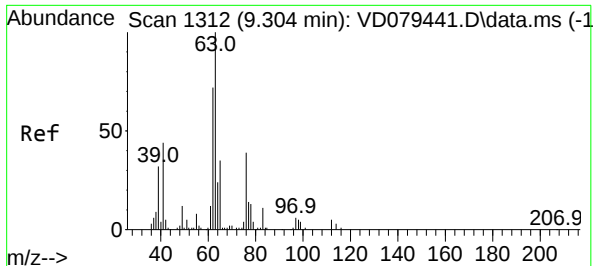
Tgt Ion:130 Resp: 143293

Ion Ratio Lower Upper

130 100

95 95.1 0.0 177.8





#45

1,2-Dichloropropane

Concen: 53.790 ug/l

RT: 9.299 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

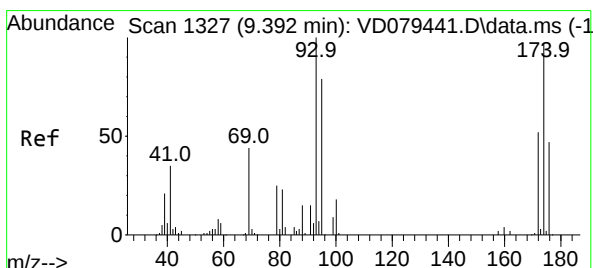
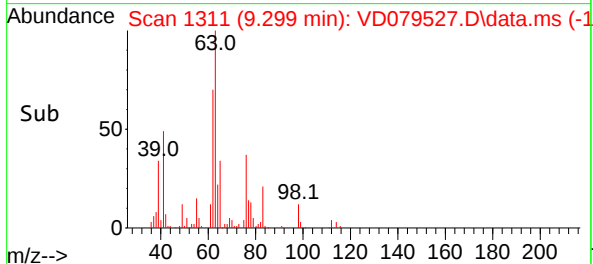
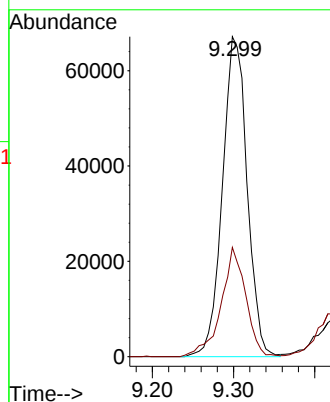
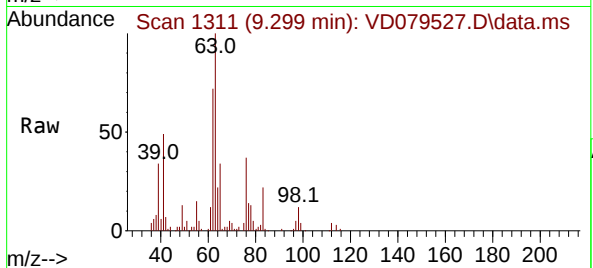
VSTDCCC050

Tgt Ion: 63 Resp: 142048

Ion Ratio Lower Upper

63 100

65 34.2 23.8 35.8



#46

Dibromomethane

Concen: 54.947 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

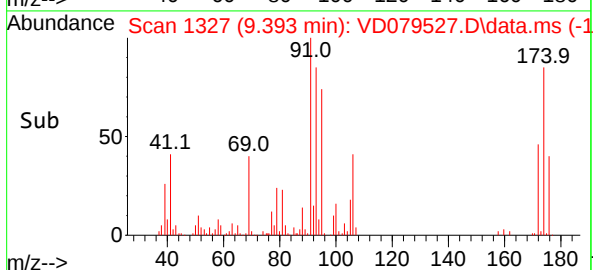
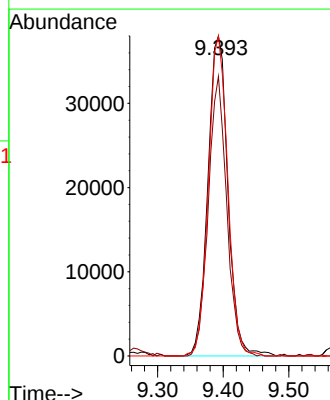
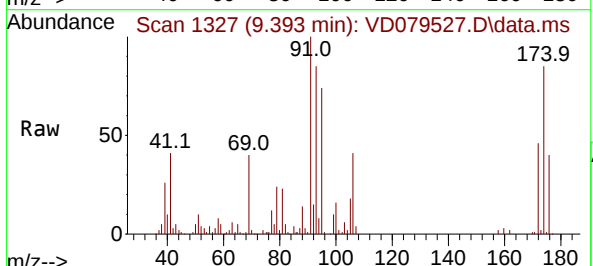
Tgt Ion: 93 Resp: 80442

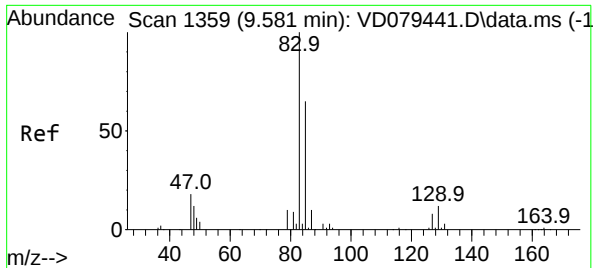
Ion Ratio Lower Upper

93 100

95 80.8 65.6 98.4

174 96.5 82.3 123.5

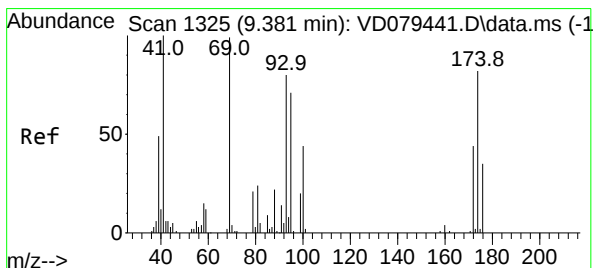
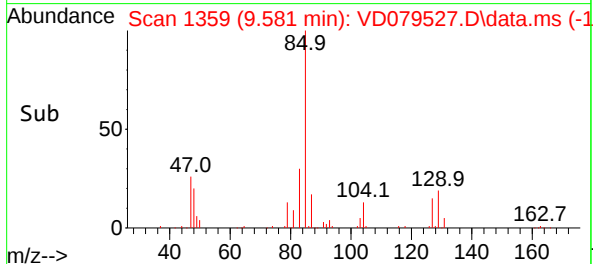
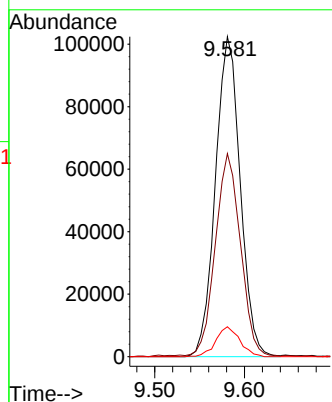
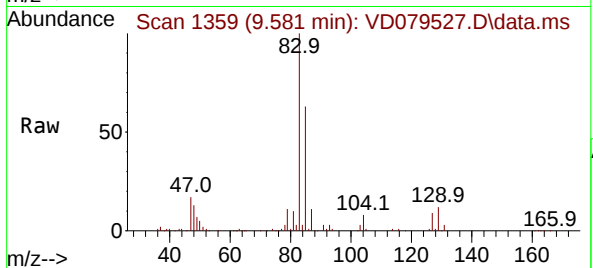




#47
Bromodichloromethane
Concen: 54.711 ug/l
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

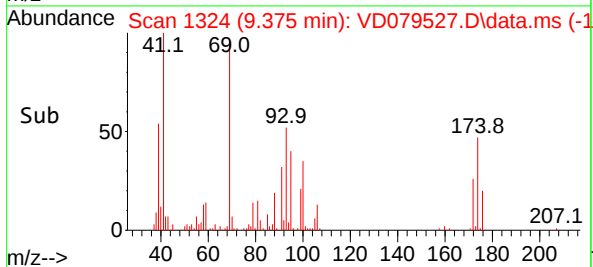
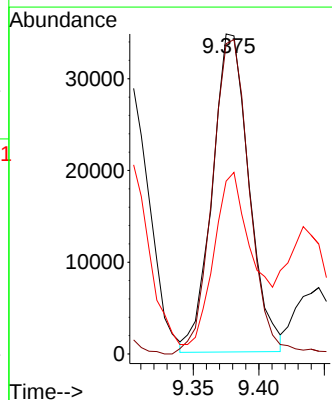
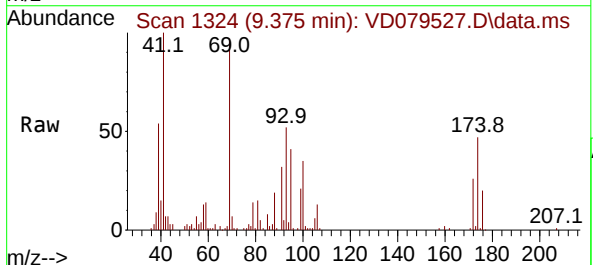
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

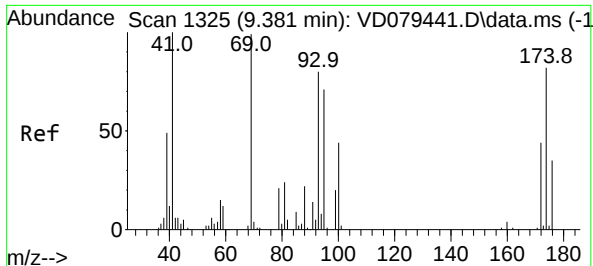
Tgt Ion: 83 Resp: 196670
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 9.3 6.8 10.2



#48
Methyl methacrylate
Concen: 57.233 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 41 Resp: 67432
Ion Ratio Lower Upper
41 100
69 100.3 96.7 145.1
39 57.8 43.8 65.6





#49

1,4-Dioxane

Concen: 1158.626 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

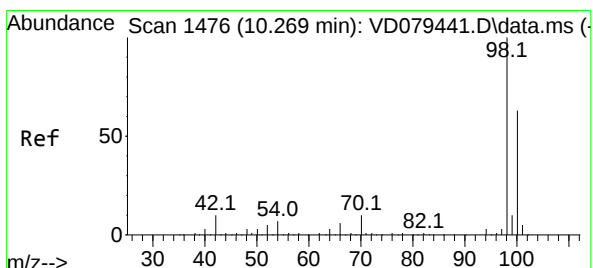
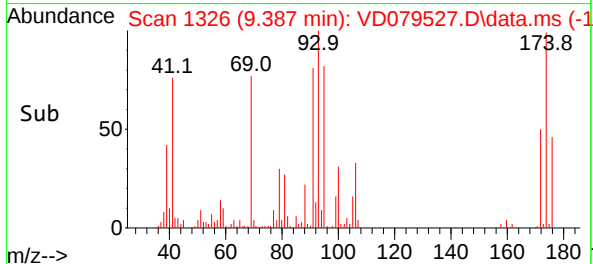
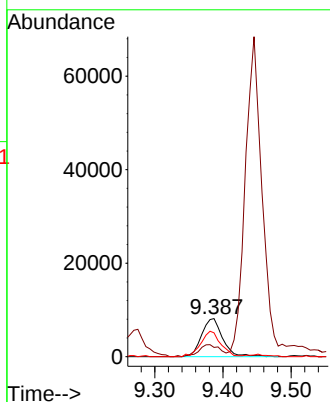
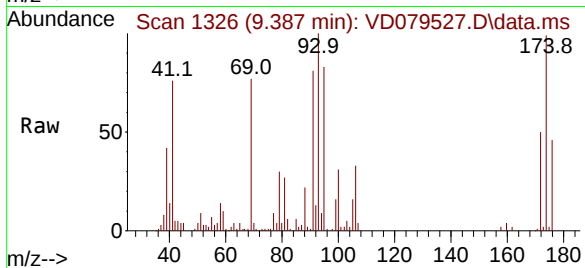
Tgt Ion: 88 Resp: 17576

Ion Ratio Lower Upper

88 100

43 31.3 21.5 32.3

58 63.0 42.2 63.4



#50

Toluene-d8

Concen: 56.202 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VD079527.D

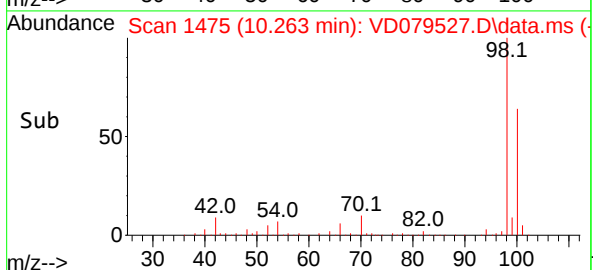
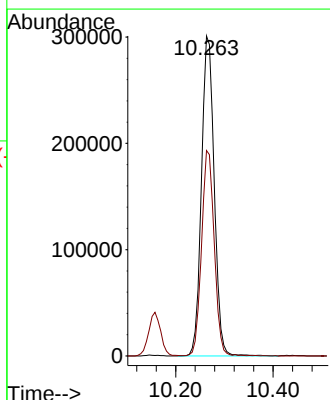
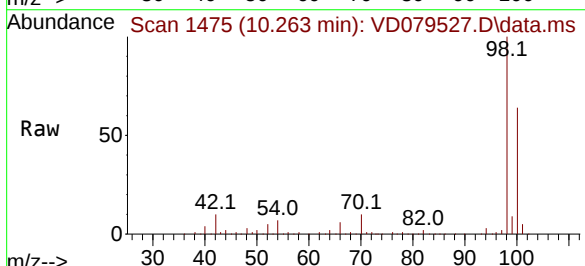
Acq: 01 Aug 2024 10:47

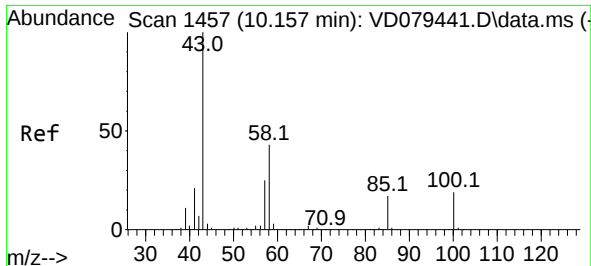
Tgt Ion: 98 Resp: 546322

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4

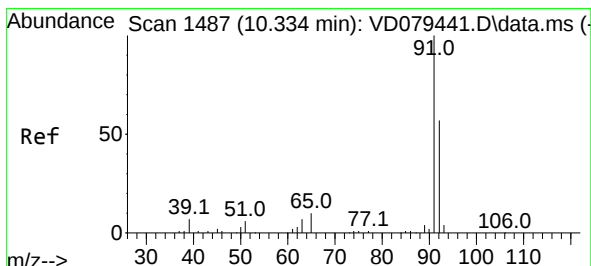
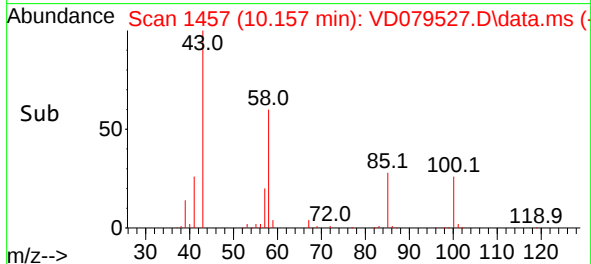
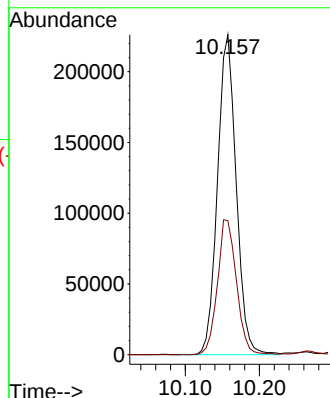
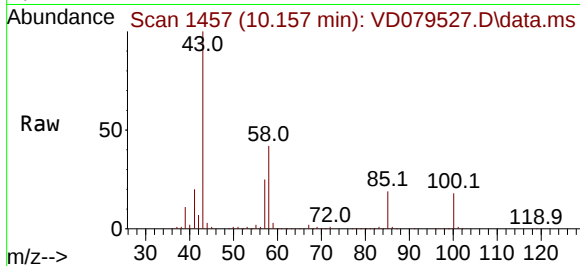




#51
4-Methyl-2-Pentanone
Concen: 295.061 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

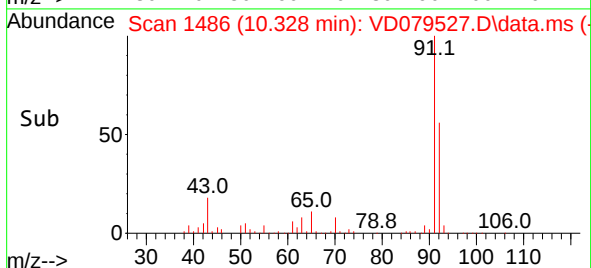
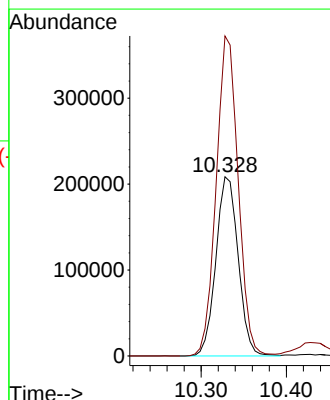
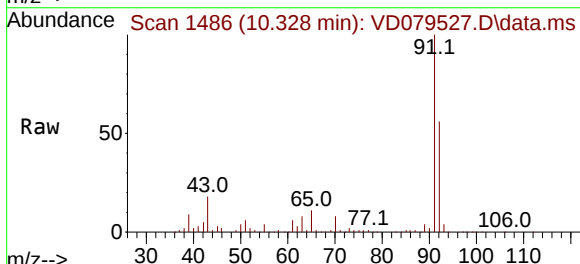
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

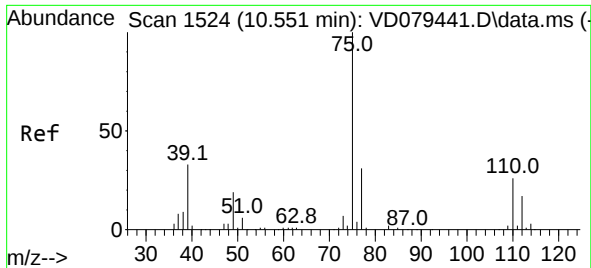
Tgt Ion: 43 Resp: 396592
Ion Ratio Lower Upper
43 100
58 43.0 36.6 55.0



#52
Toluene
Concen: 56.483 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 92 Resp: 379074
Ion Ratio Lower Upper
92 100
91 176.1 141.7 212.5

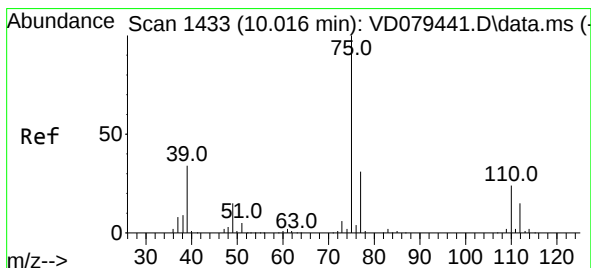
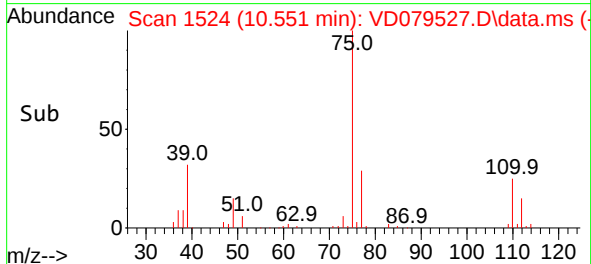
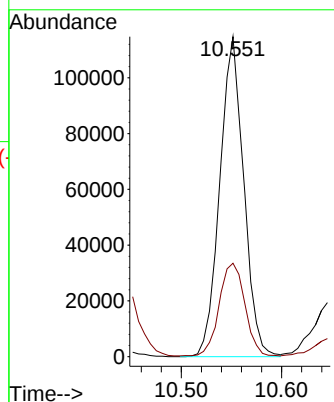
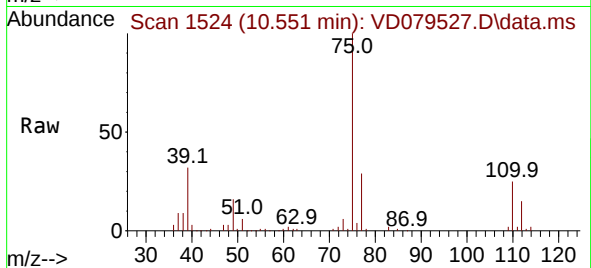




#53
 t-1,3-Dichloropropene
 Concen: 57.272 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD079527.D
 Acq: 01 Aug 2024 10:47

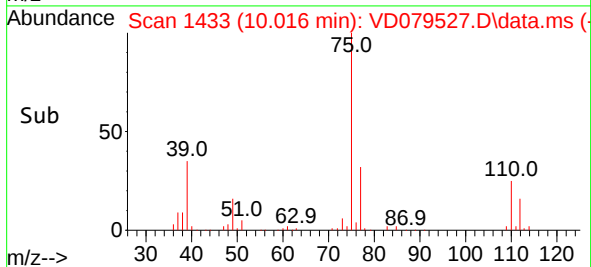
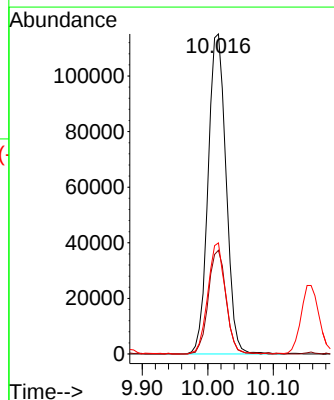
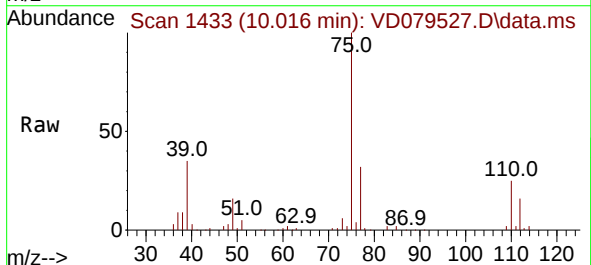
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

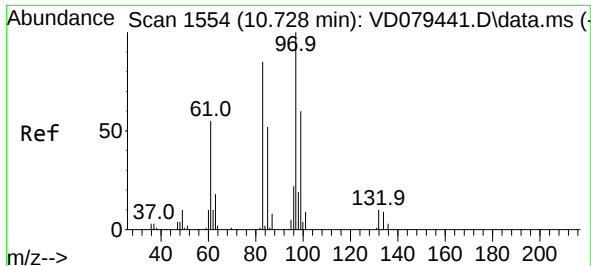
Tgt Ion: 75 Resp: 190122
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.952 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079527.D
 Acq: 01 Aug 2024 10:47

Tgt Ion: 75 Resp: 219424
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.4 36.6
 39 34.7 24.2 36.2

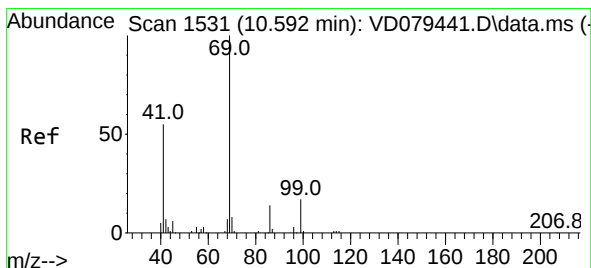
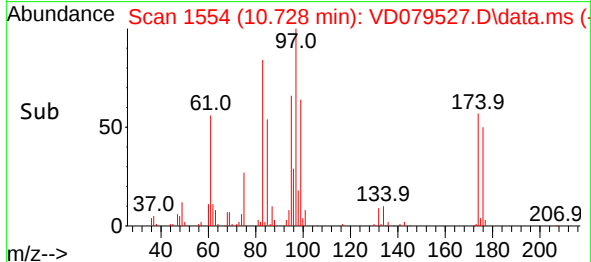
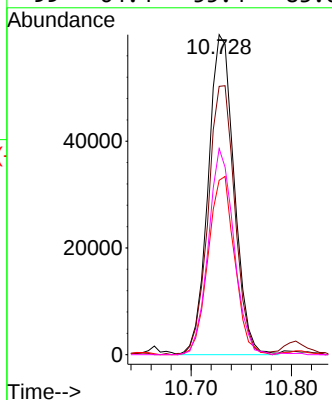
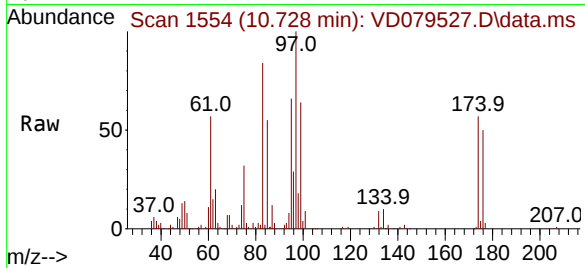




#55
1,1,2-Trichloroethane
Concen: 56.181 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

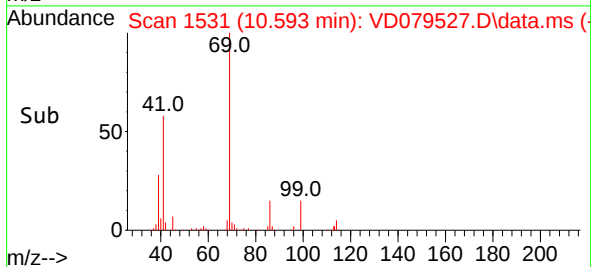
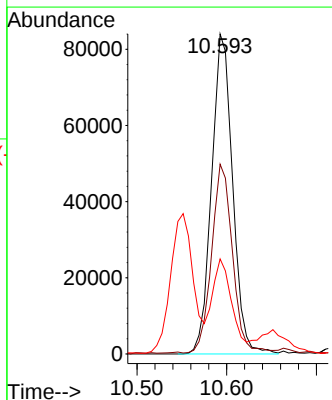
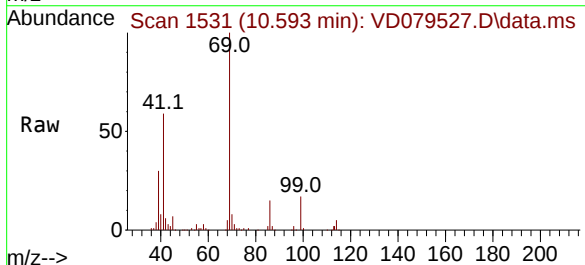
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

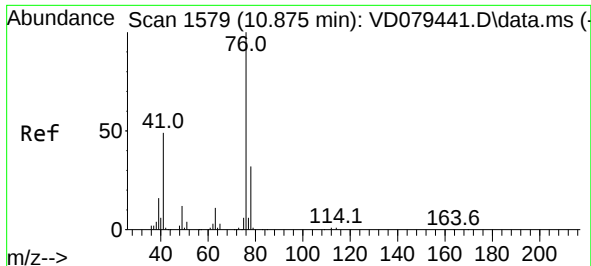
Tgt Ion:	97	Resp:	108346
Ion	Ratio	Lower	Upper
97	100		
83	83.5	65.8	98.8
85	54.5	43.8	65.8
99	64.4	55.4	83.0



#56
Ethyl methacrylate
Concen: 59.833 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion:	69	Resp:	136722
Ion	Ratio	Lower	Upper
69	100		
41	59.2	39.8	59.6
39	26.2	20.2	30.4





#57

1,3-Dichloropropane

Concen: 60.883 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

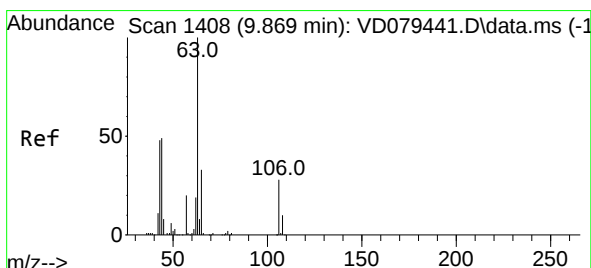
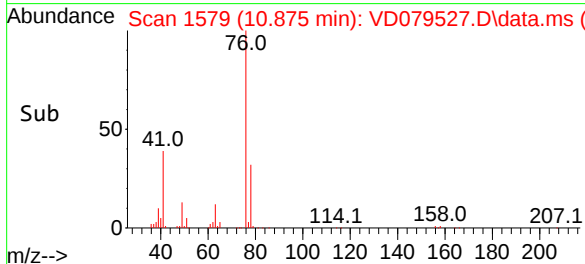
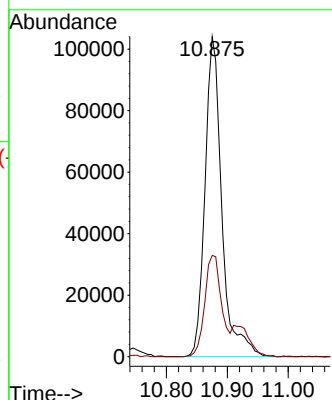
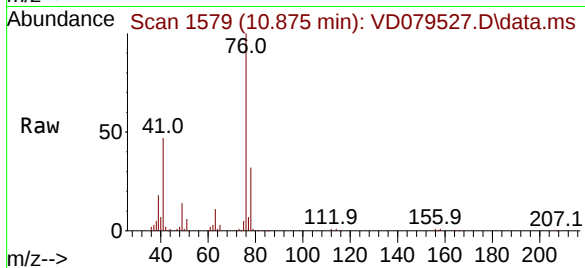
VSTDCCC050

Tgt Ion: 76 Resp: 199518

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 311.431 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079527.D

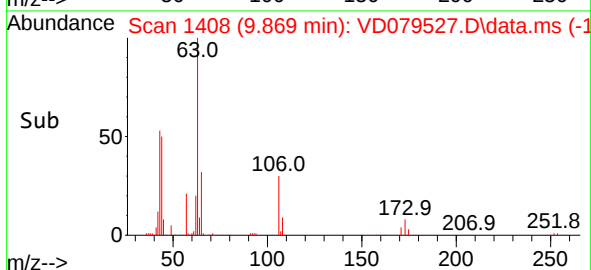
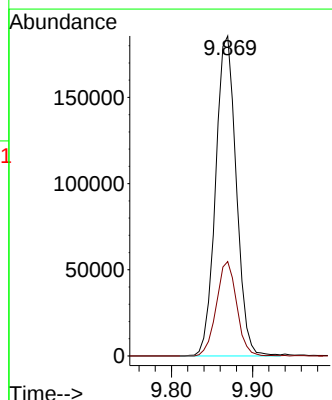
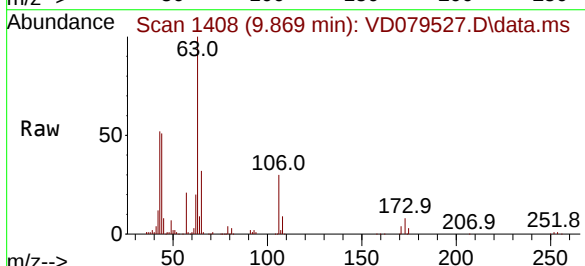
Acq: 01 Aug 2024 10:47

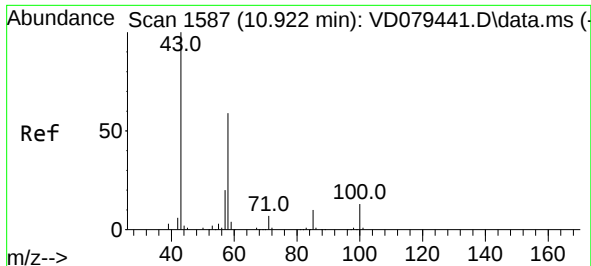
Tgt Ion: 63 Resp: 328186

Ion Ratio Lower Upper

63 100

106 29.1 26.4 39.6

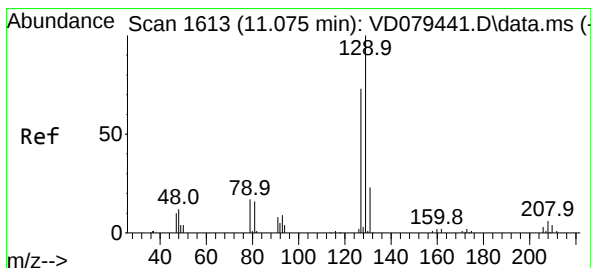
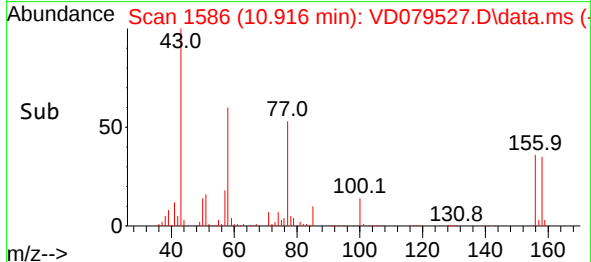
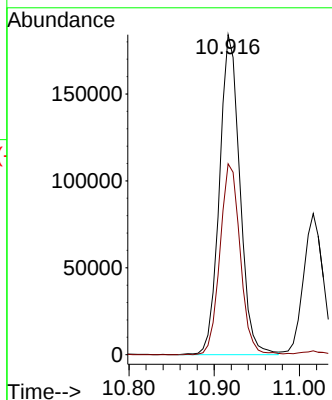
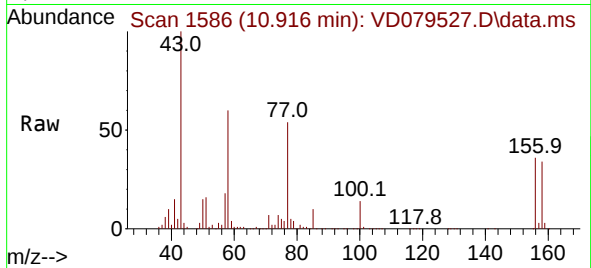




#59
2-Hexanone
Concen: 326.486 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

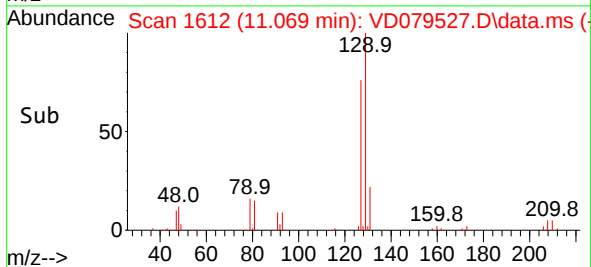
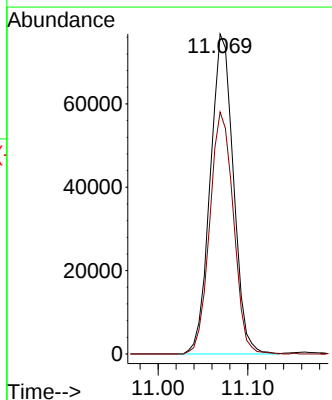
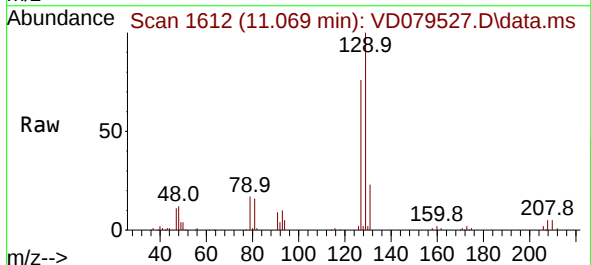
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

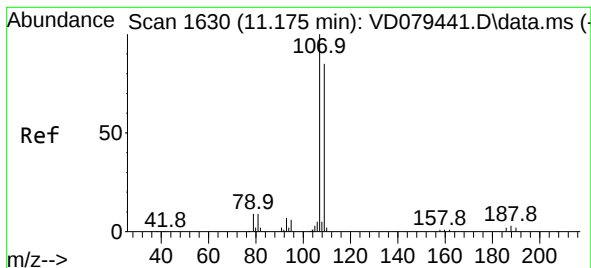
Tgt Ion: 43 Resp: 306051
Ion Ratio Lower Upper
43 100
58 59.1 31.1 93.5



#60
Dibromochloromethane
Concen: 54.615 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion:129 Resp: 137590
Ion Ratio Lower Upper
129 100
127 77.0 38.0 113.9

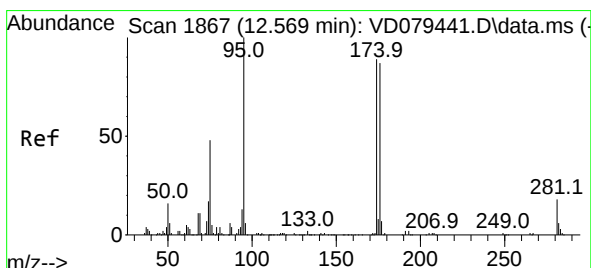
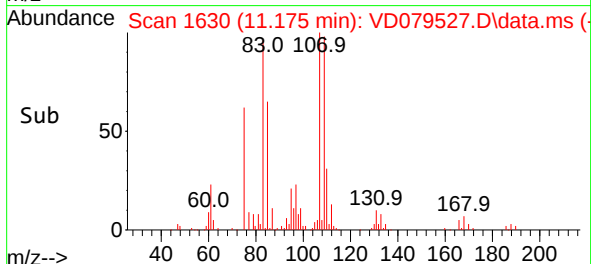
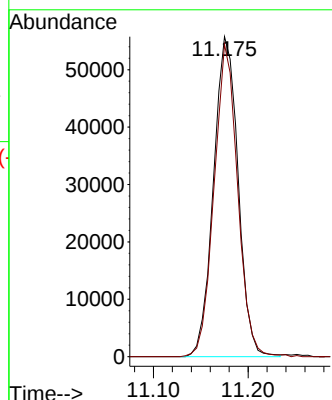
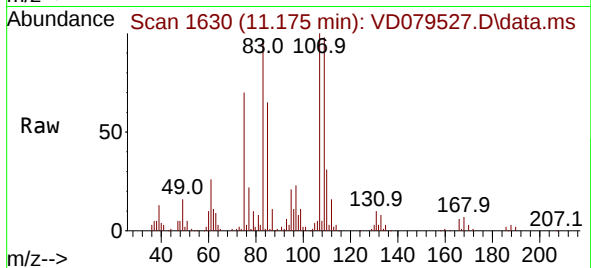




#61
1,2-Dibromoethane
Concen: 55.666 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

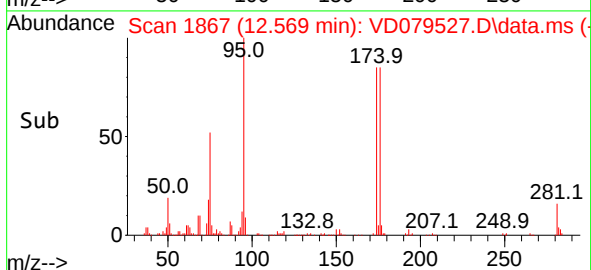
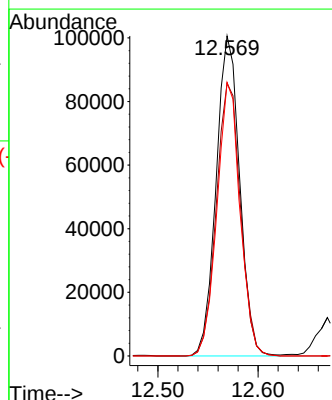
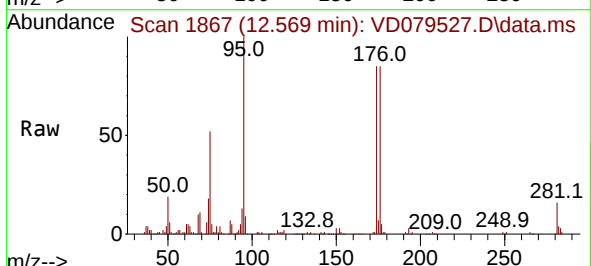
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

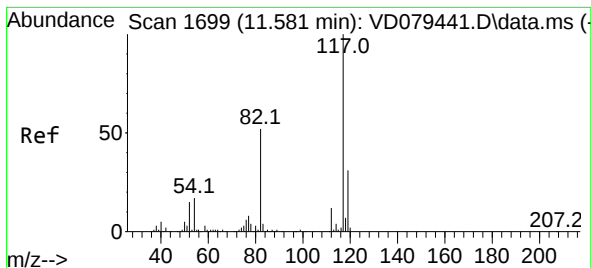
Tgt Ion:107 Resp: 100572
Ion Ratio Lower Upper
107 100
109 93.6 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 58.217 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 95 Resp: 163762
Ion Ratio Lower Upper
95 100
174 87.7 0.0 195.4
176 83.8 0.0 192.6

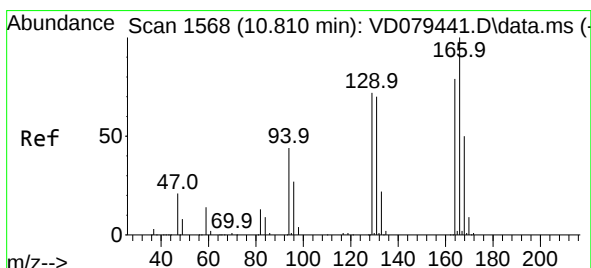
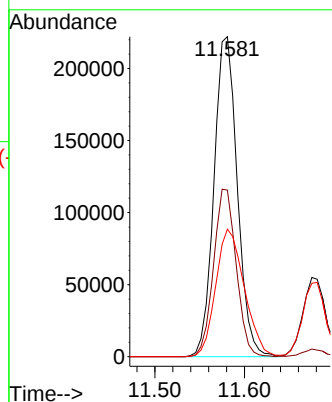
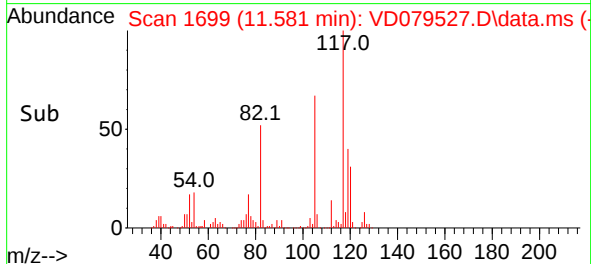
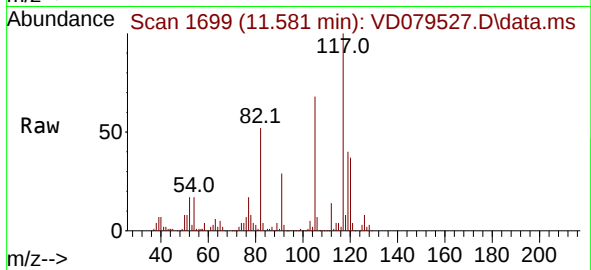




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

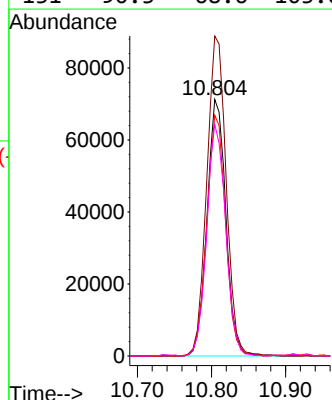
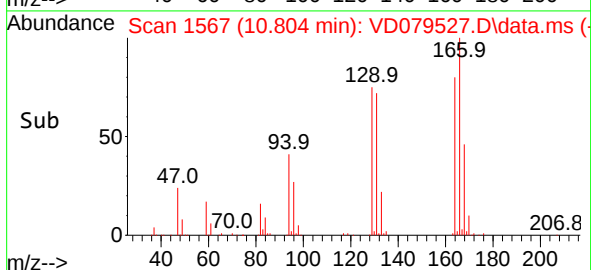
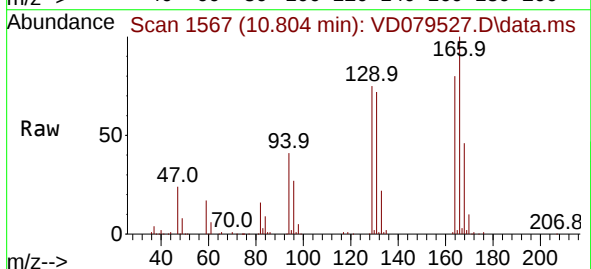
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

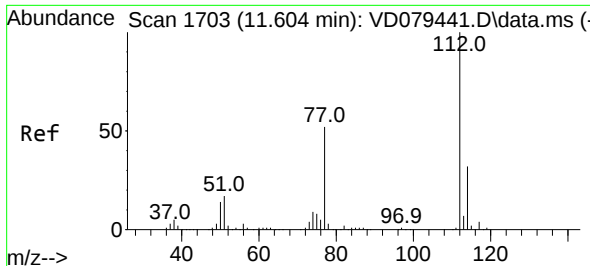
Tgt Ion:117 Resp: 400802
Ion Ratio Lower Upper
117 100
82 52.1 39.8 59.6
119 39.9 25.7 38.5#



#64
Tetrachloroethene
Concen: 46.676 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion:164 Resp: 126148
Ion Ratio Lower Upper
164 100
166 124.8 108.6 163.0
129 93.8 74.6 112.0
131 90.3 68.6 103.0

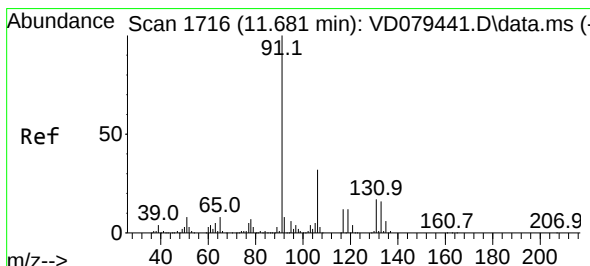
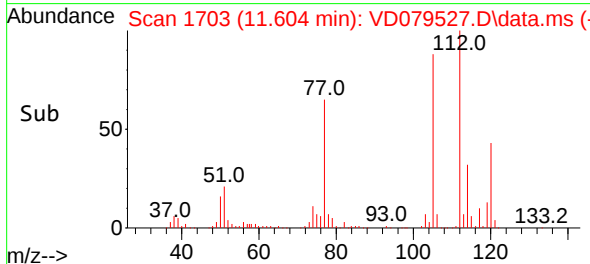
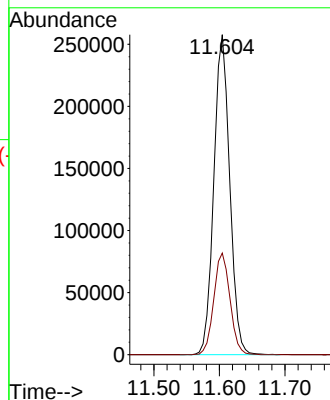
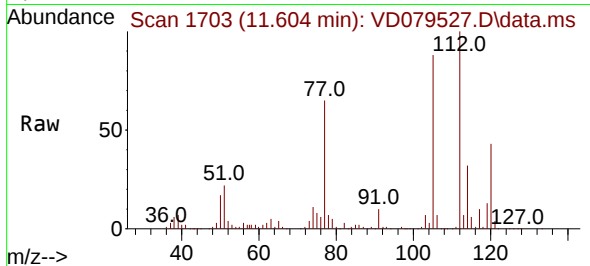




#65
Chlorobenzene
Concen: 48.787 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

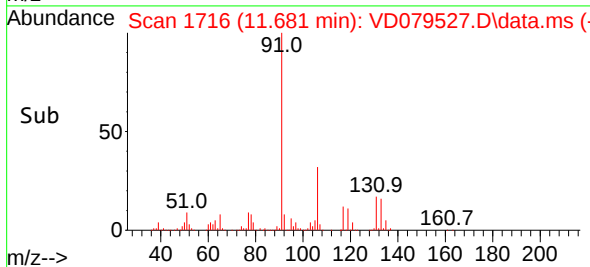
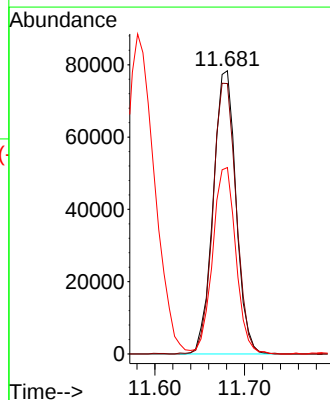
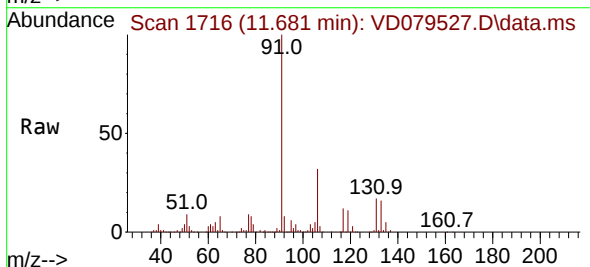
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

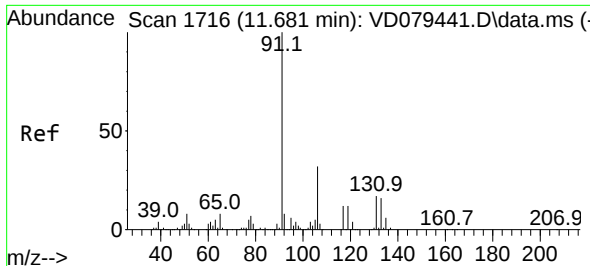
Tgt Ion:112 Resp: 432996
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.352 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion:131 Resp: 138272
Ion Ratio Lower Upper
131 100
133 97.2 49.2 147.6
119 66.9 33.4 100.2





#67

Ethyl Benzene

Concen: 50.365 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

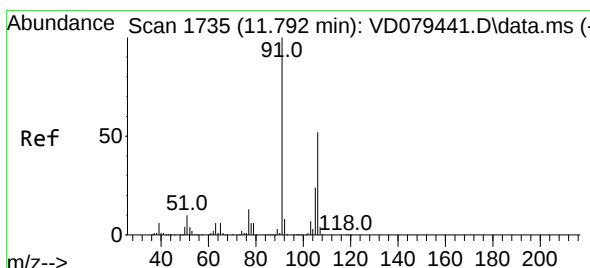
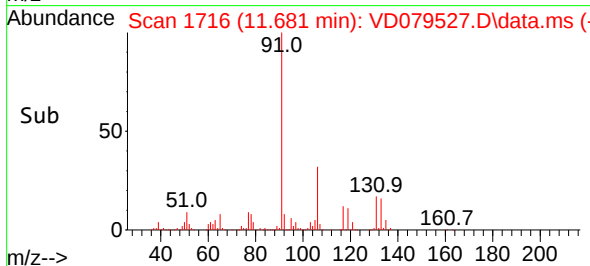
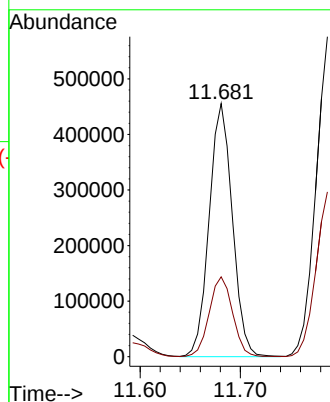
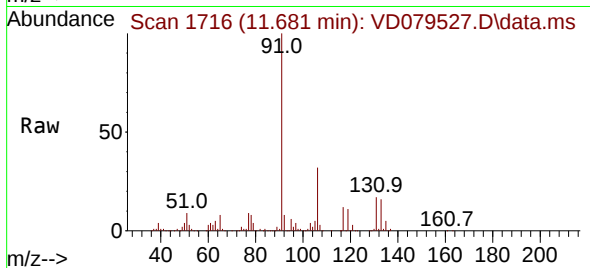
VSTDCCC050

Tgt Ion: 91 Resp: 731777

Ion Ratio Lower Upper

91 100

106 31.5 25.8 38.6



#68

m/p-Xylenes

Concen: 98.834 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD079527.D

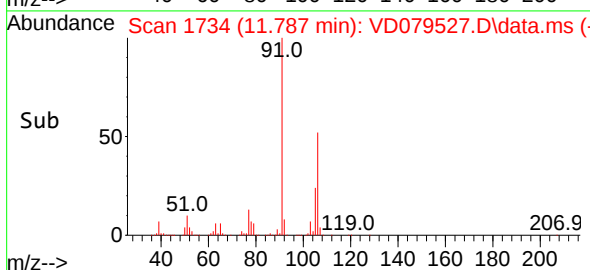
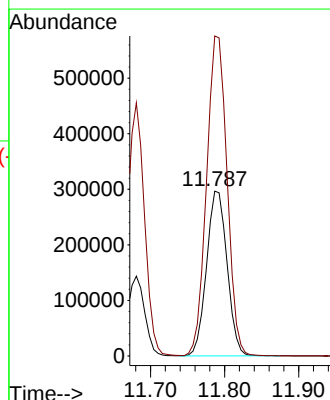
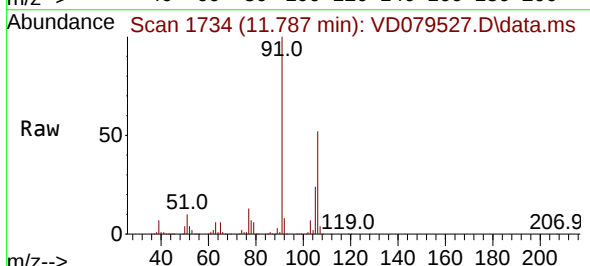
Acq: 01 Aug 2024 10:47

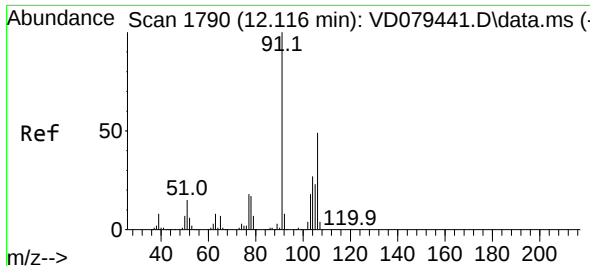
Tgt Ion:106 Resp: 569711

Ion Ratio Lower Upper

106 100

91 194.3 148.5 222.7

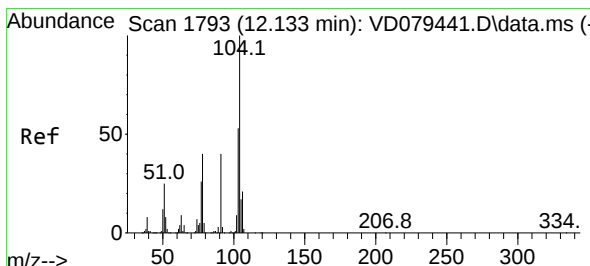
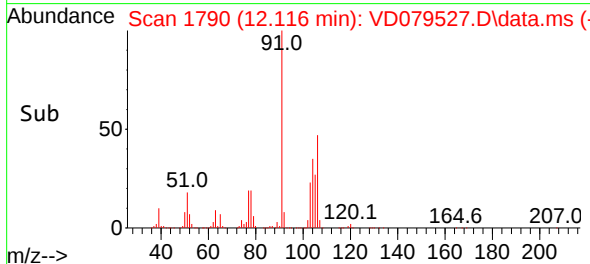
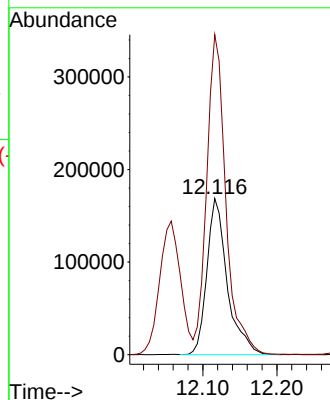
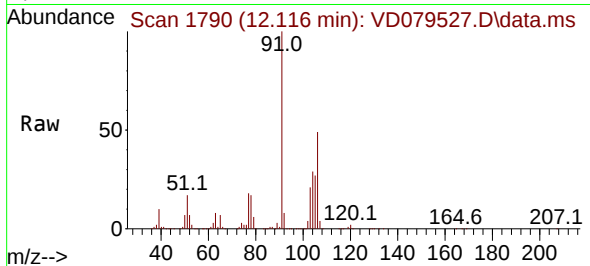




#69
o-Xylene
Concen: 61.049 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

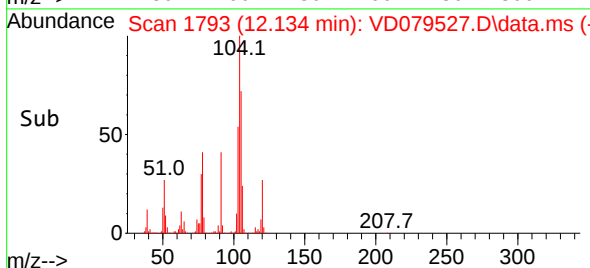
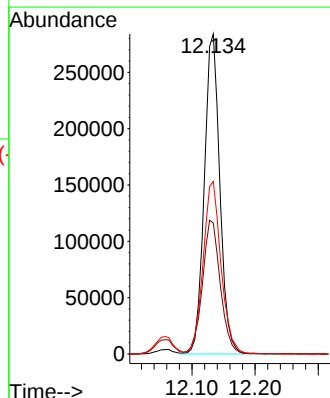
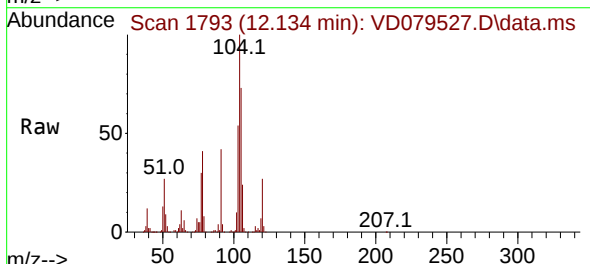
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

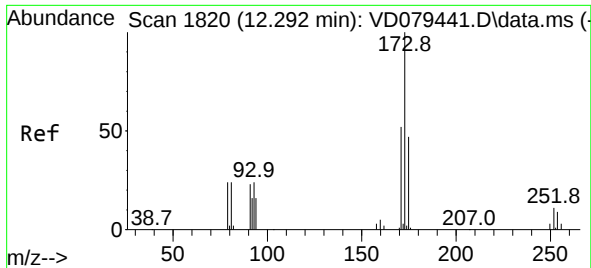
Tgt Ion:106 Resp: 322558
Ion Ratio Lower Upper
106 100
91 192.0 96.7 290.1



#70
Styrene
Concen: 52.522 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion:104 Resp: 486513
Ion Ratio Lower Upper
104 100
78 48.1 33.0 49.6
103 62.3 44.2 66.4

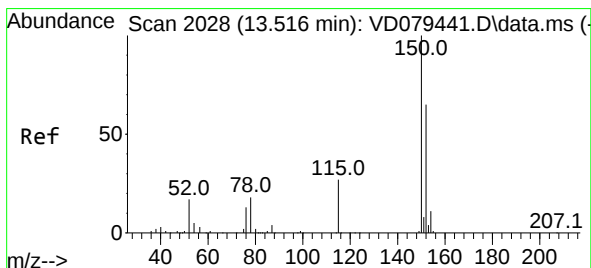
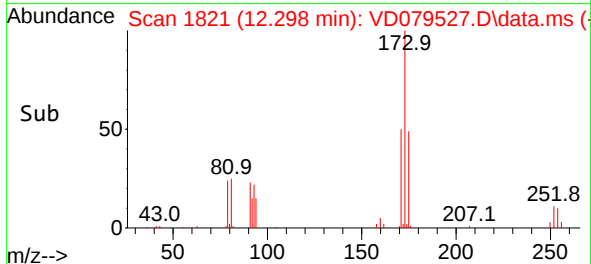
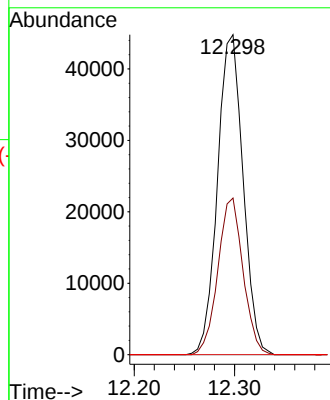
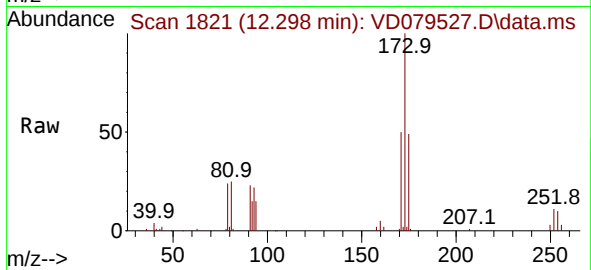




#71
Bromoform
Concen: 47.917 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

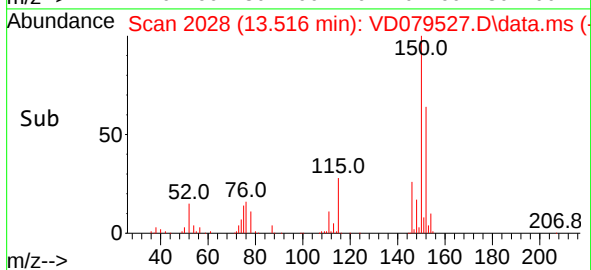
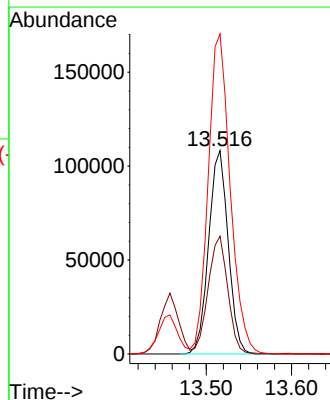
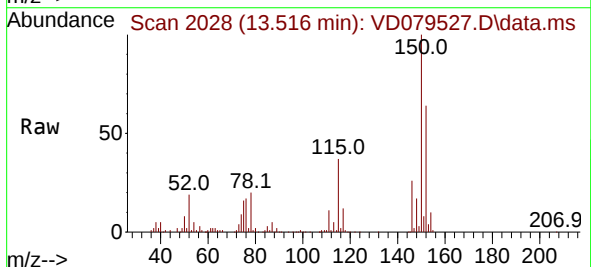
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

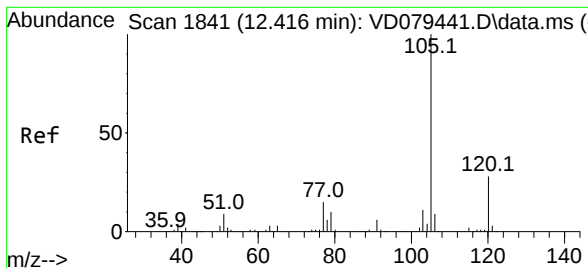
Tgt Ion:173 Resp: 79100
Ion Ratio Lower Upper
173 100
175 48.2 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion:152 Resp: 172359
Ion Ratio Lower Upper
152 100
115 58.2 26.5 79.5
150 177.1 0.0 341.6





#73

Isopropylbenzene

Concen: 51.999 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

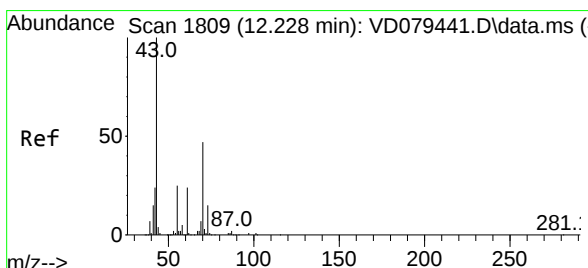
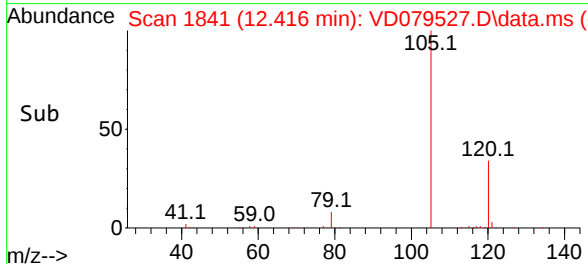
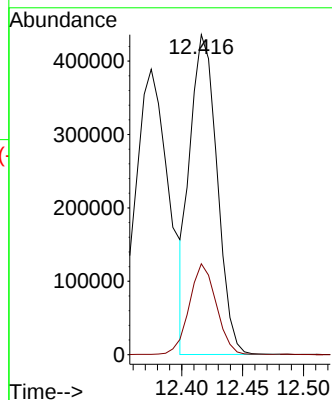
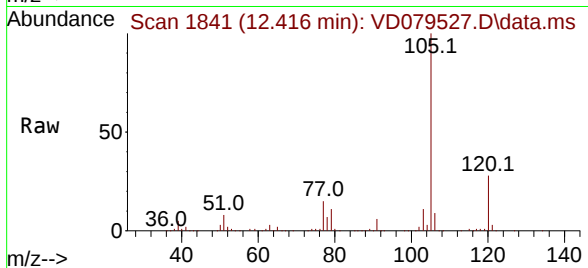
VSTDCCC050

Tgt Ion:105 Resp: 673275

Ion Ratio Lower Upper

105 100

120 28.6 13.6 40.7



#74

N-ethyl acetate

Concen: 58.830 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Tgt Ion: 43 Resp: 149140

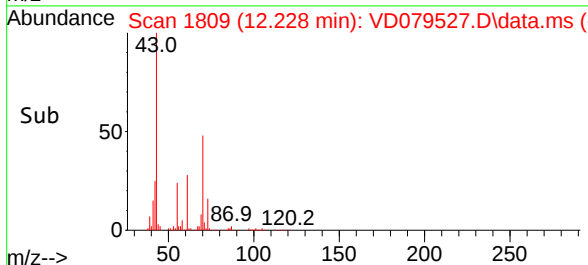
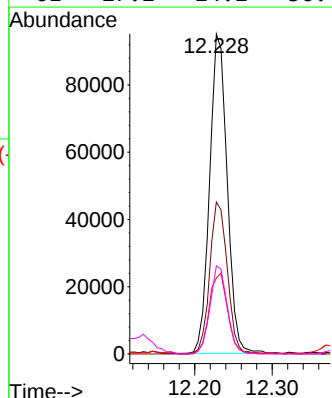
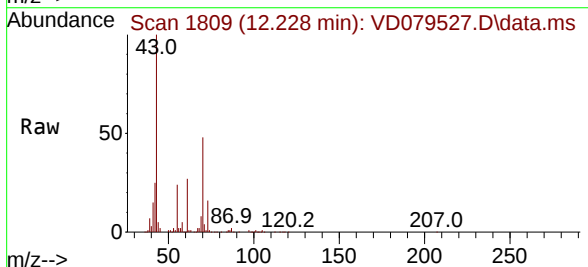
Ion Ratio Lower Upper

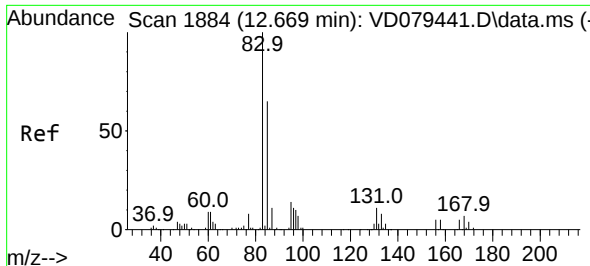
43 100

70 48.0 44.3 66.5

55 26.8 23.2 34.8

61 27.2 24.2 36.4

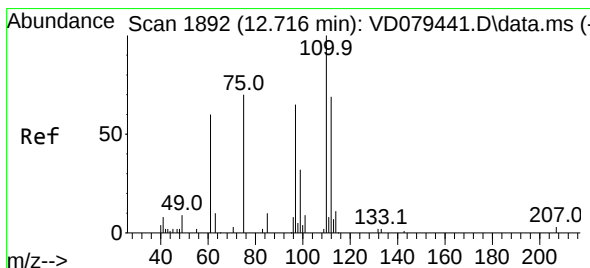
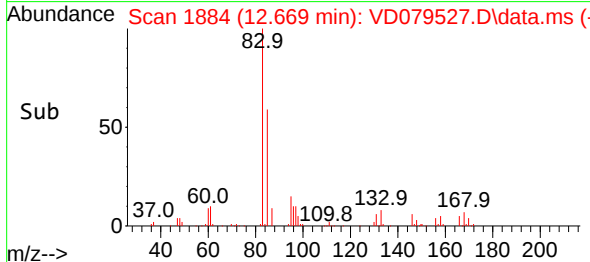
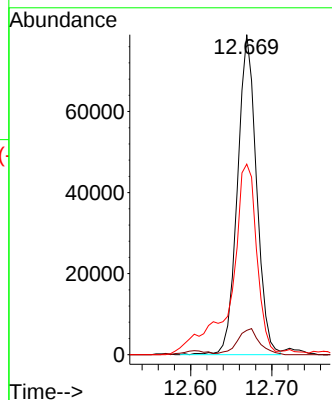
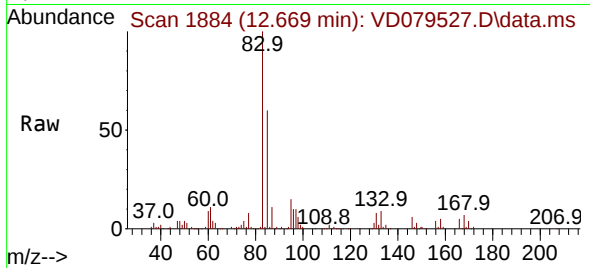




#75
1,1,2,2-Tetrachloroethane
Concen: 57.436 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

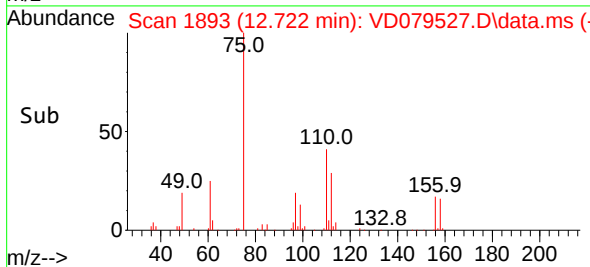
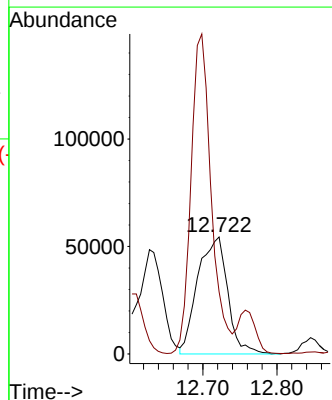
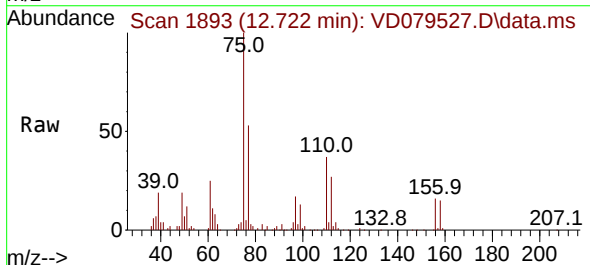
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

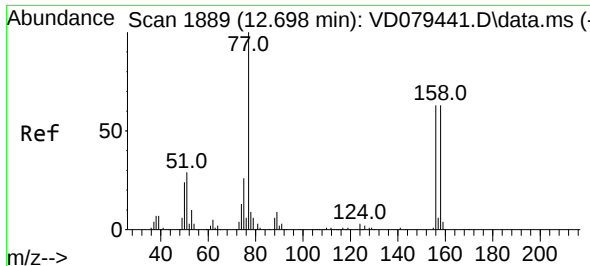
Tgt Ion: 83 Resp: 128605
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 80.2 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 101.318 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 75 Resp: 152644
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

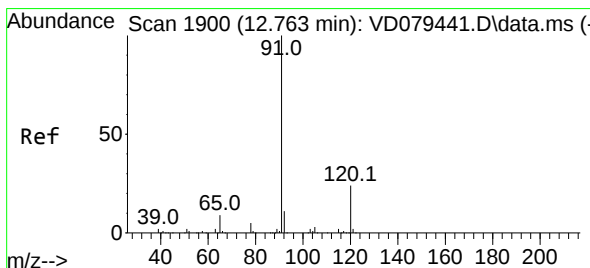
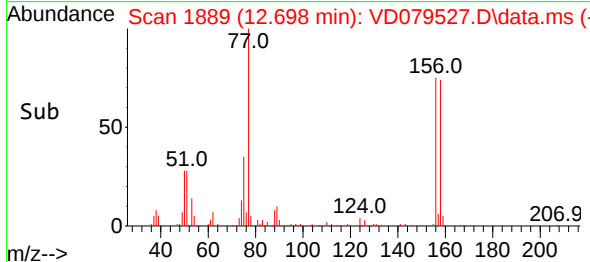
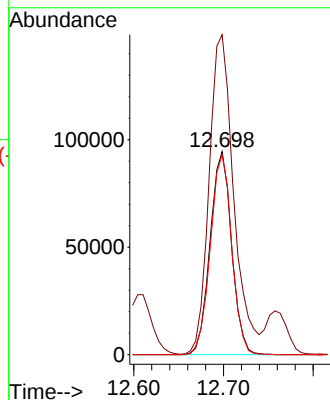
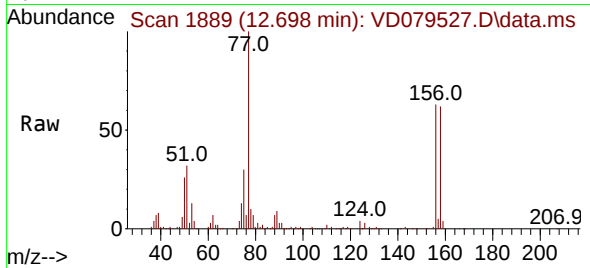




#77
Bromobenzene
Concen: 54.281 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

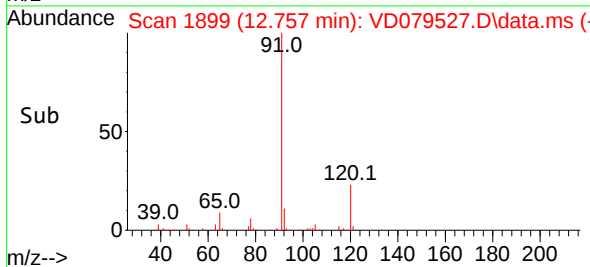
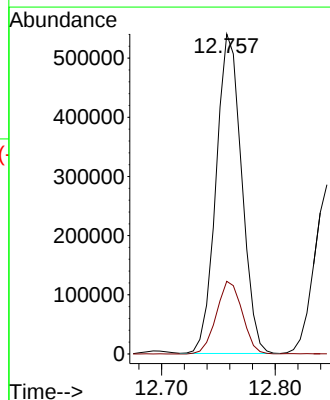
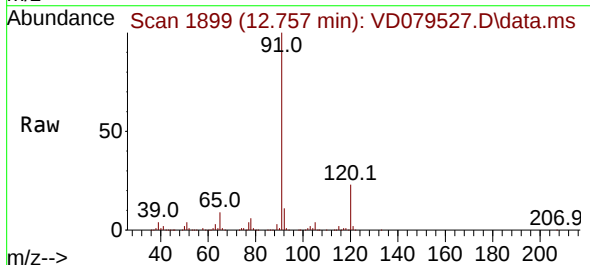
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 156876
Ion Ratio Lower Upper
156 100
77 179.5 77.3 231.9
158 97.9 49.6 149.0



#78
n-propylbenzene
Concen: 58.650 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 91 Resp: 844996
Ion Ratio Lower Upper
91 100
120 23.0 12.3 36.8

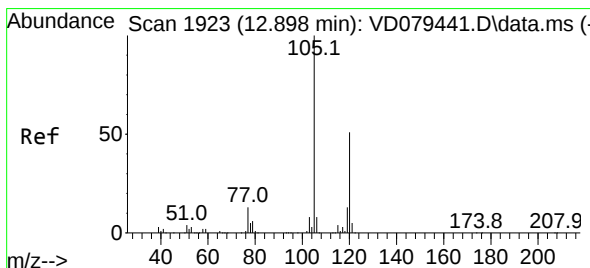
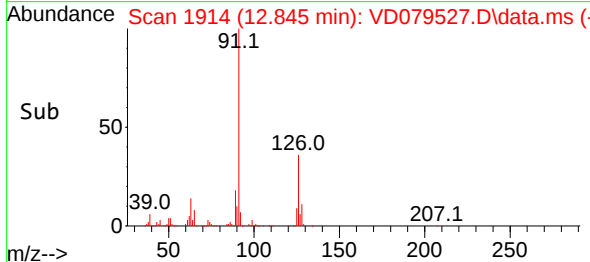
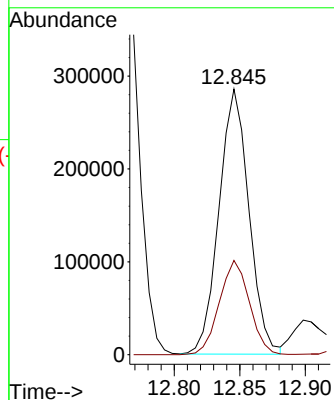
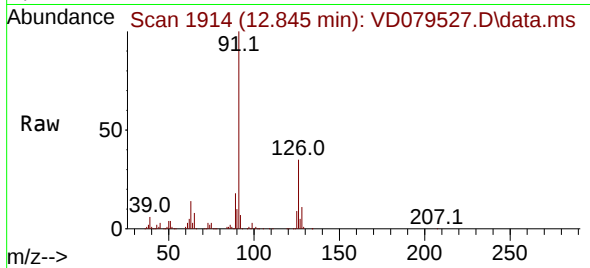




#79
2-Chlorotoluene
Concen: 56.537 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

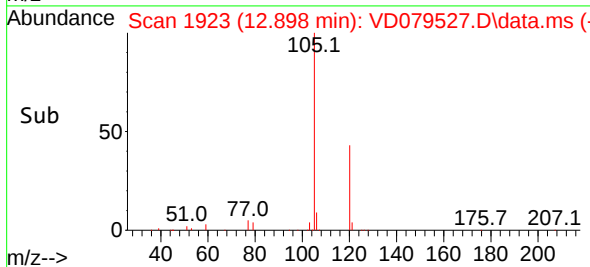
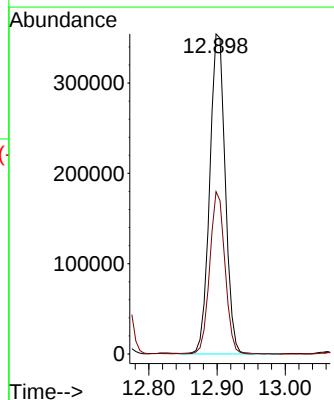
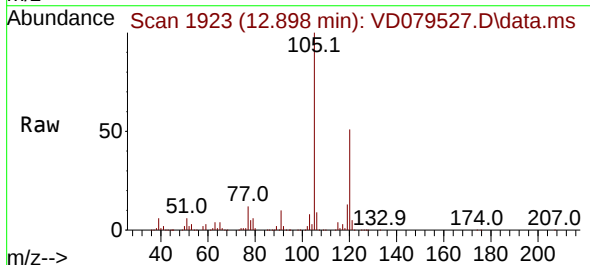
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 453563
Ion Ratio Lower Upper
91 100
126 35.6 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 58.527 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 105 Resp: 561923
Ion Ratio Lower Upper
105 100
120 49.6 25.7 77.1

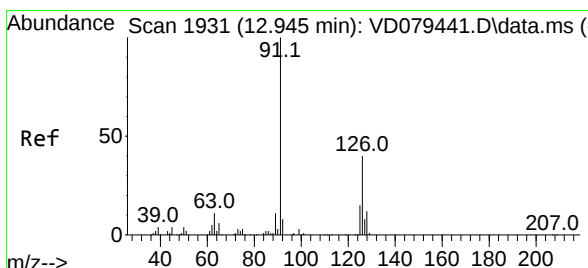
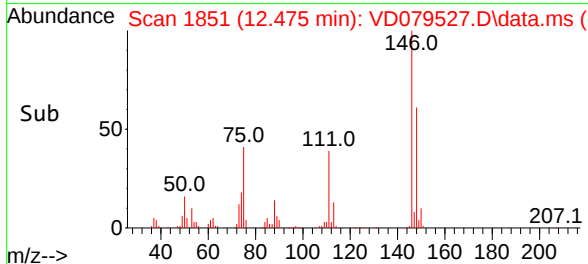
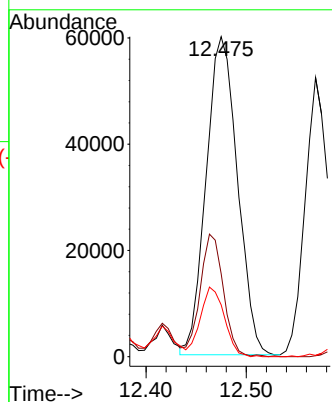
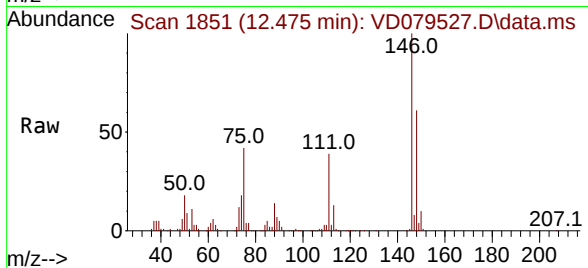




#81
trans-1,4-Dichloro-2-butene
Concen: 164.832 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

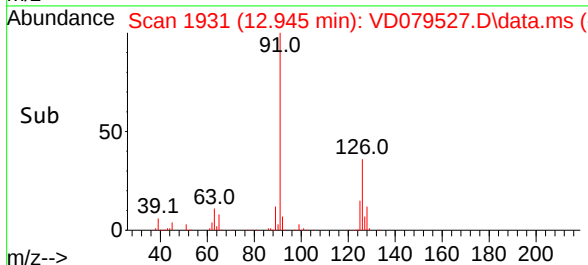
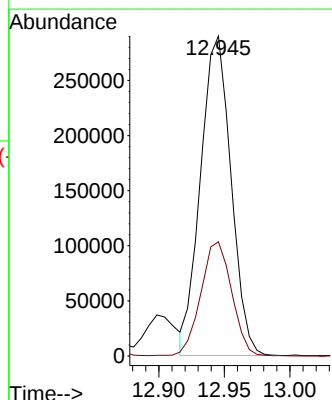
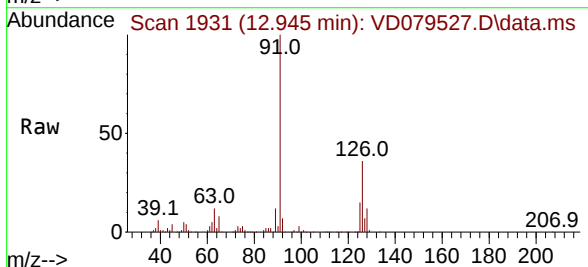
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

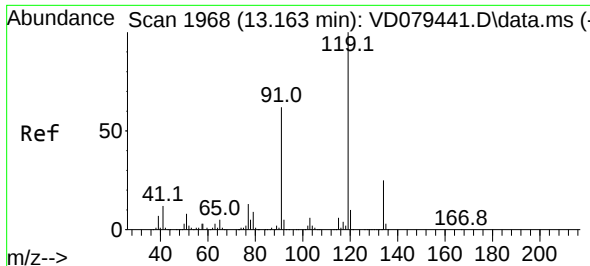
Tgt Ion: 75 Resp: 130204
Ion Ratio Lower Upper
75 100
53 29.0 61.4 92.2#
89 16.8 35.4 53.0#



#82
4-Chlorotoluene
Concen: 56.114 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 91 Resp: 469286
Ion Ratio Lower Upper
91 100
126 36.4 18.9 56.9

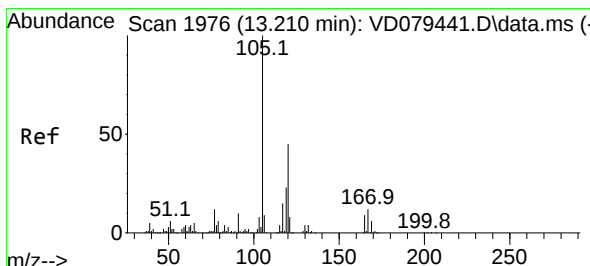
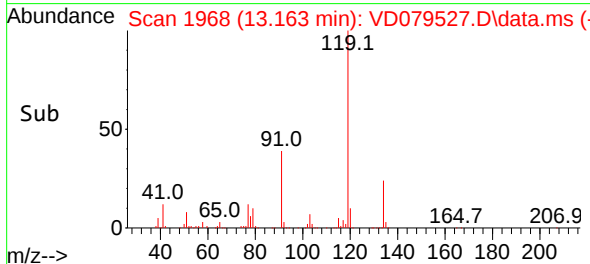
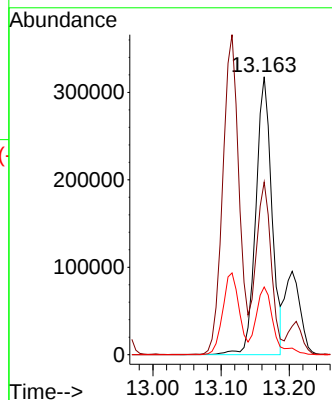
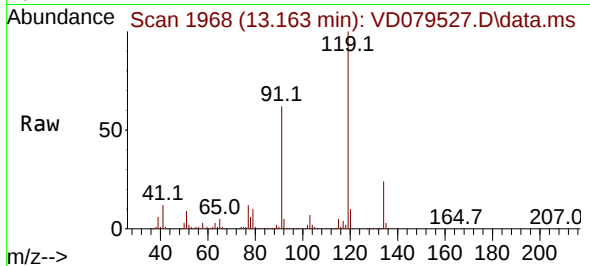




#83
tert-Butylbenzene
Concen: 54.927 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

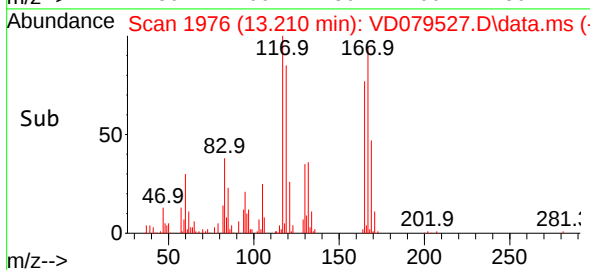
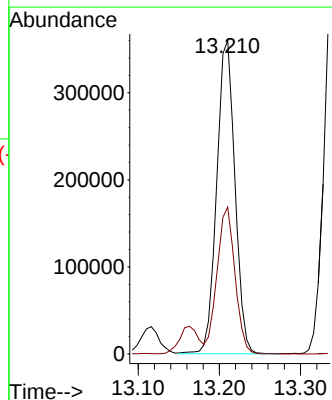
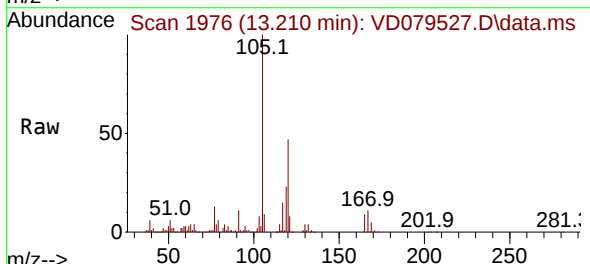
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

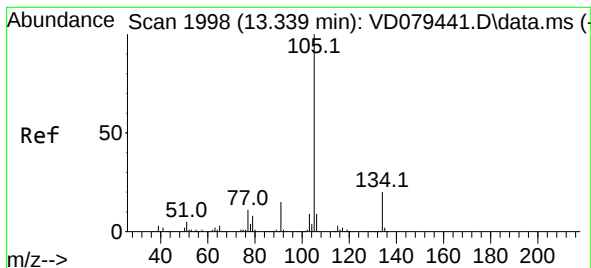
Tgt Ion:119 Resp: 514409
Ion Ratio Lower Upper
119 100
91 59.5 28.2 84.7
134 26.2 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 51.902 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion:105 Resp: 562161
Ion Ratio Lower Upper
105 100
120 46.1 23.6 71.0





#85

sec-Butylbenzene

Concen: 58.072 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

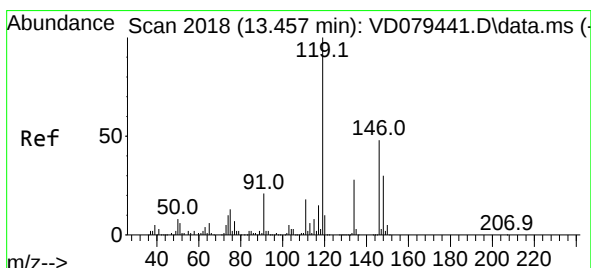
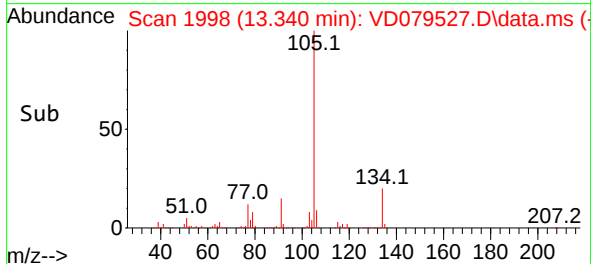
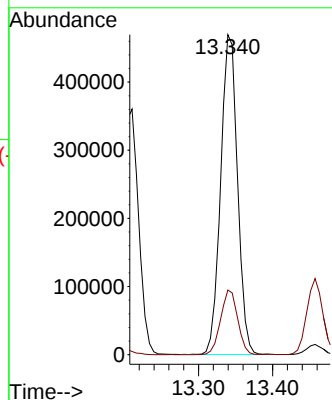
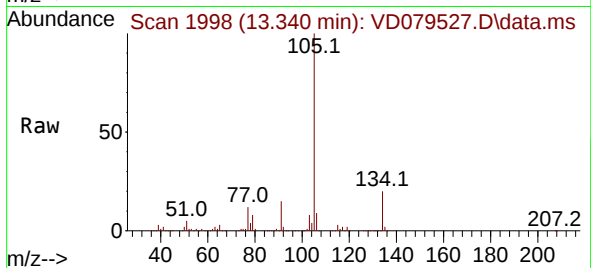
VSTDCCC050

Tgt Ion:105 Resp: 741607

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



#86

p-Isopropyltoluene

Concen: 51.623 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

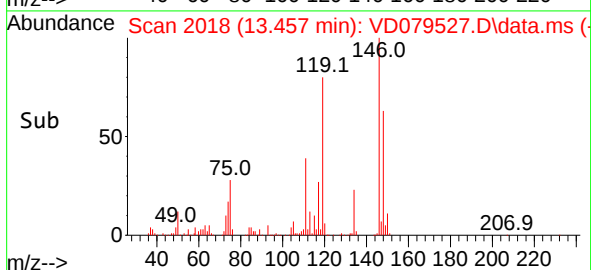
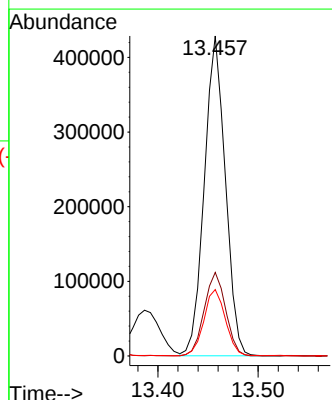
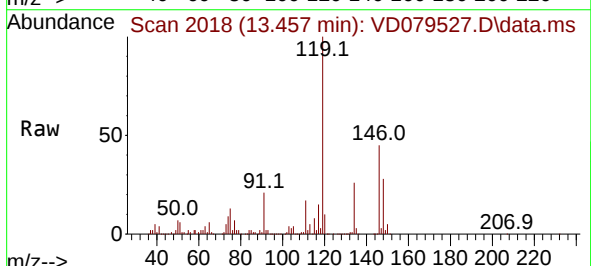
Tgt Ion:119 Resp: 625496

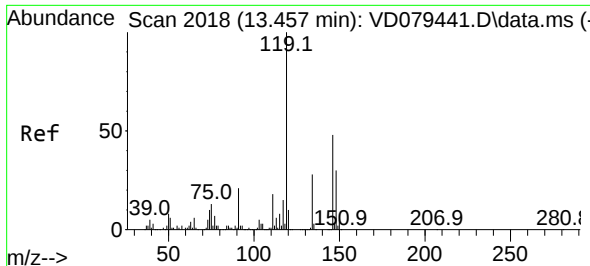
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 21.3 10.7 32.1

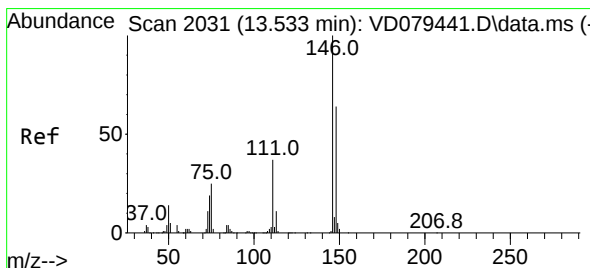
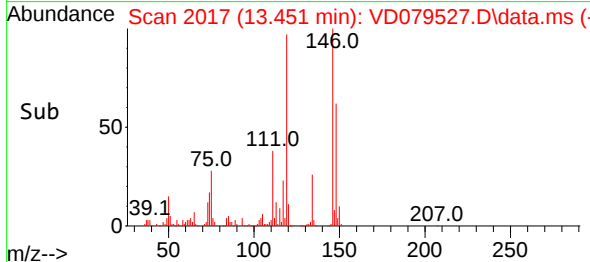
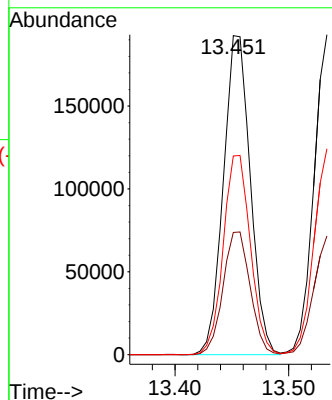
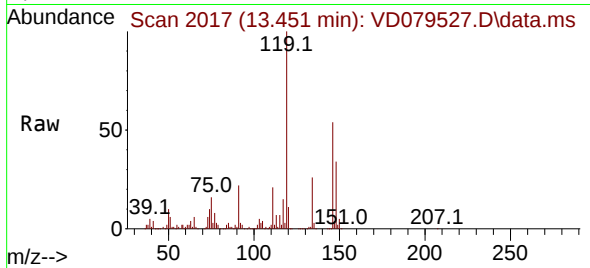




#87
 1,3-Dichlorobenzene
 Concen: 52.978 ug/l
 RT: 13.451 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VD079527.D
 Acq: 01 Aug 2024 10:47

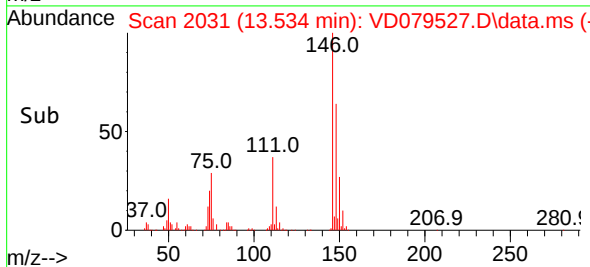
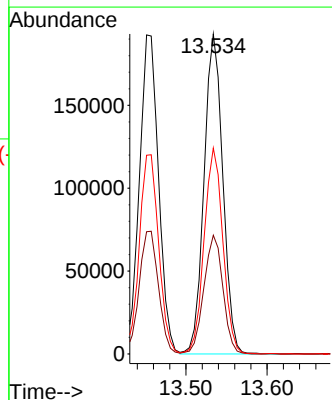
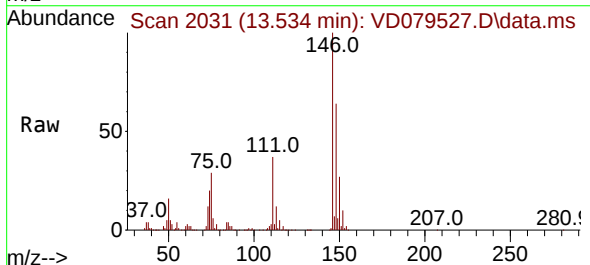
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

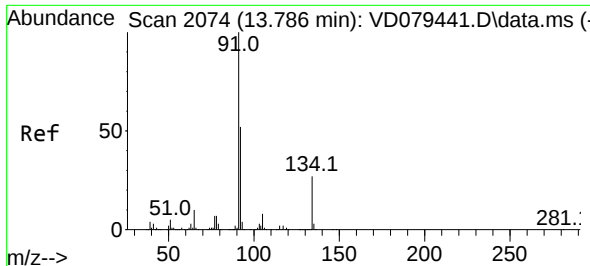
Tgt Ion:146 Resp: 317159
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.5 55.5
 148 63.0 30.9 92.8



#88
 1,4-Dichlorobenzene
 Concen: 52.638 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079527.D
 Acq: 01 Aug 2024 10:47

Tgt Ion:146 Resp: 309809
 Ion Ratio Lower Upper
 146 100
 111 37.6 17.5 52.6
 148 64.4 31.4 94.2

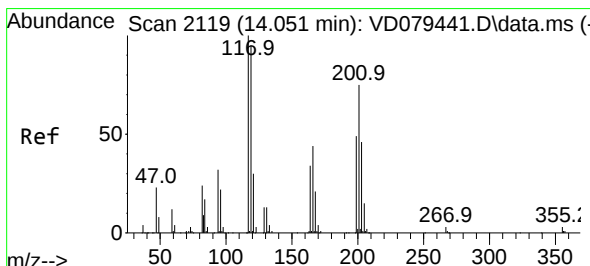
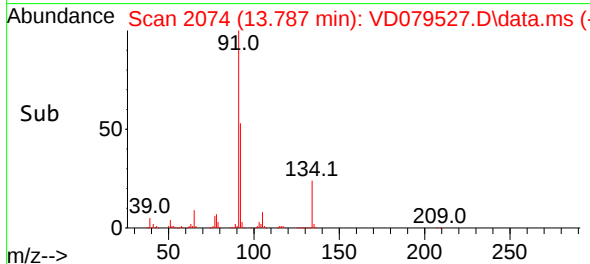
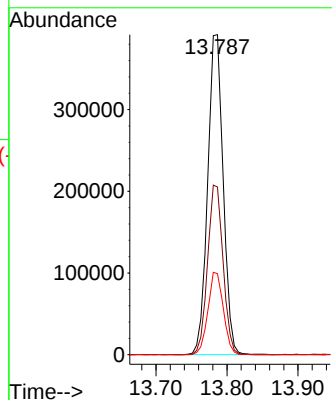
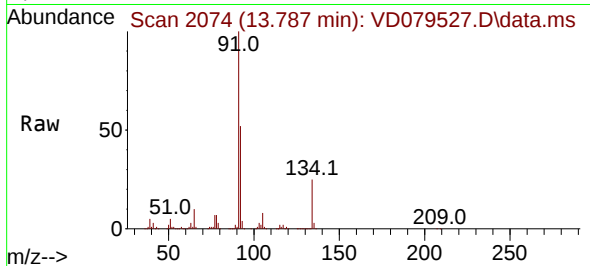




#89
n-Butylbenzene
Concen: 53.159 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

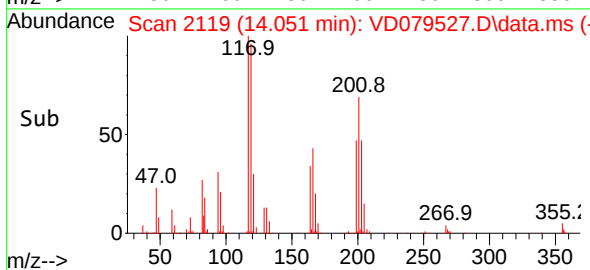
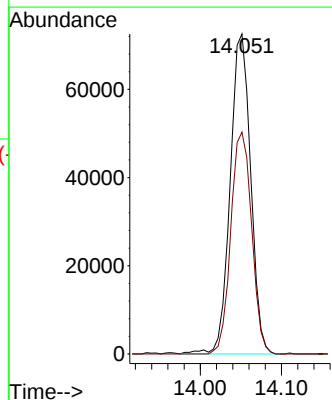
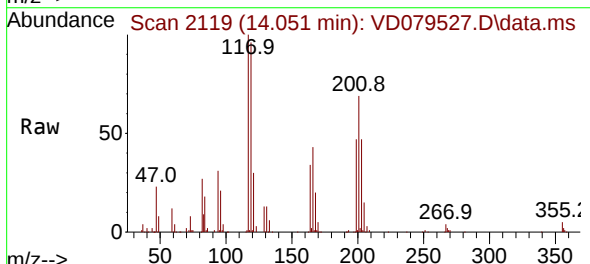
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

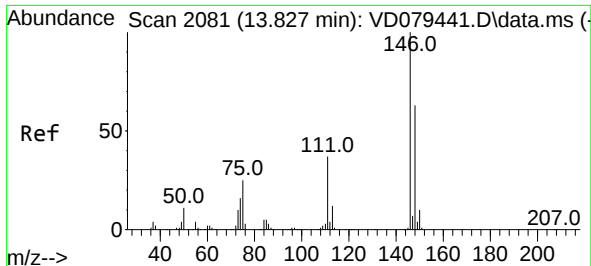
Tgt Ion: 91 Resp: 596072
Ion Ratio Lower Upper
91 100
92 52.8 25.7 77.0
134 25.6 13.6 40.8



#90
Hexachloroethane
Concen: 56.848 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion: 117 Resp: 126978
Ion Ratio Lower Upper
117 100
201 70.5 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 53.376 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

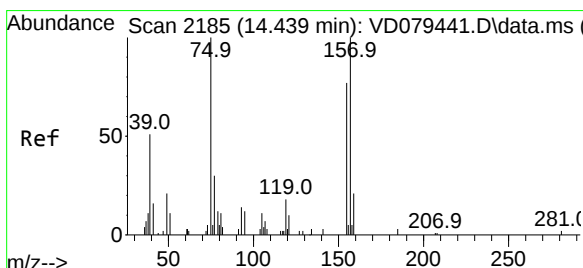
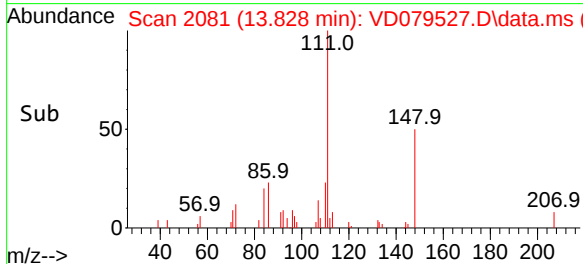
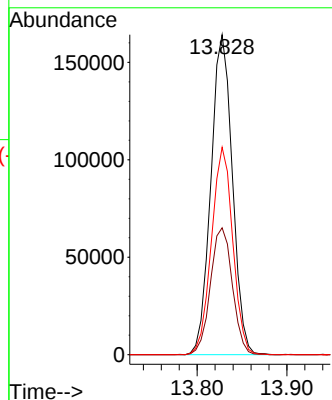
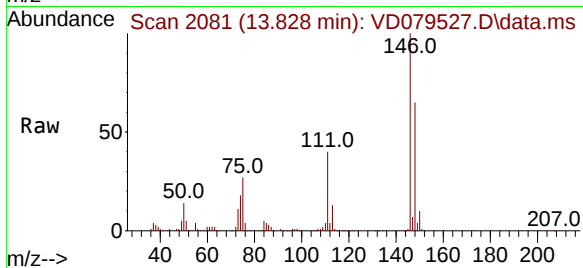
Tgt Ion:146 Resp: 273091

Ion Ratio Lower Upper

146 100

111 40.5 19.1 57.1

148 64.3 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 70.778 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

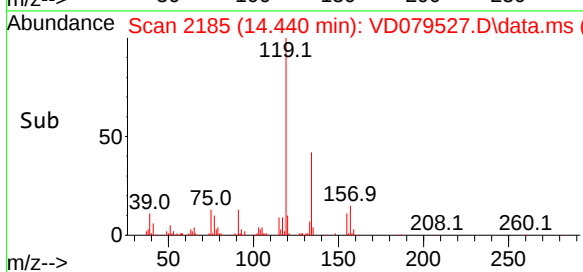
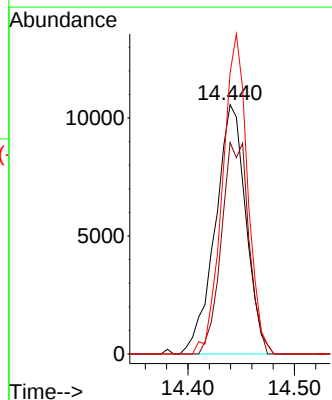
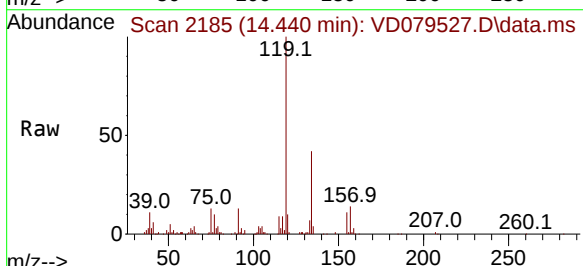
Tgt Ion: 75 Resp: 21087

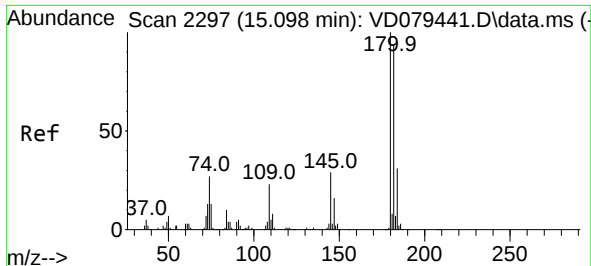
Ion Ratio Lower Upper

75 100

155 76.0 47.7 143.1

157 105.1 63.4 190.2

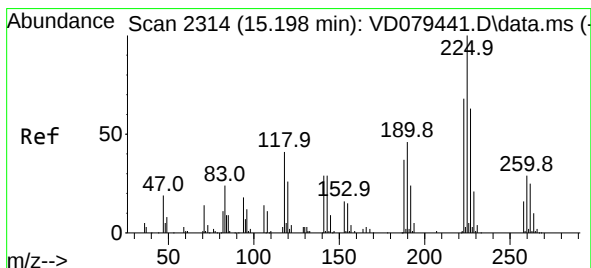
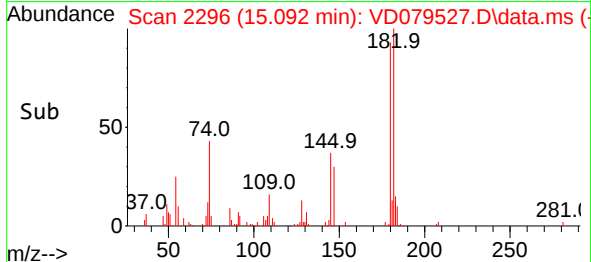
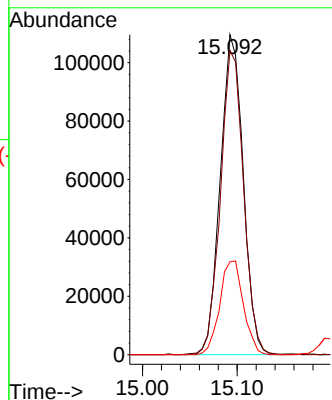
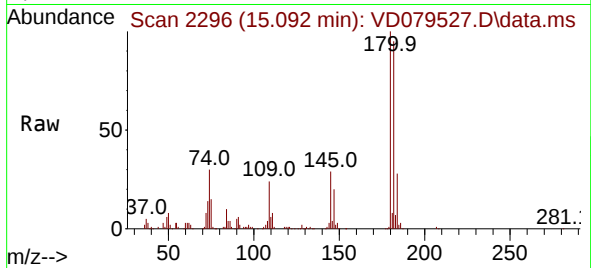




#93
1,2,4-Trichlorobenzene
Concen: 57.337 ug/l
RT: 15.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

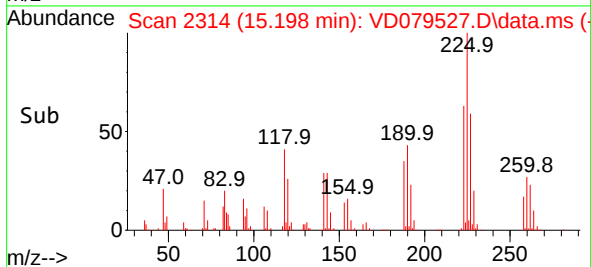
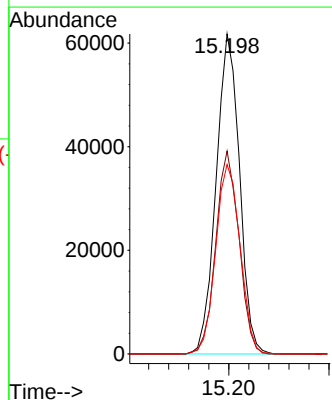
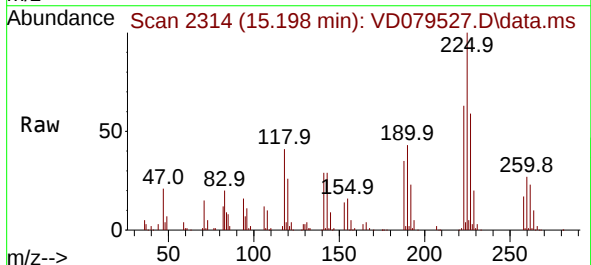
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

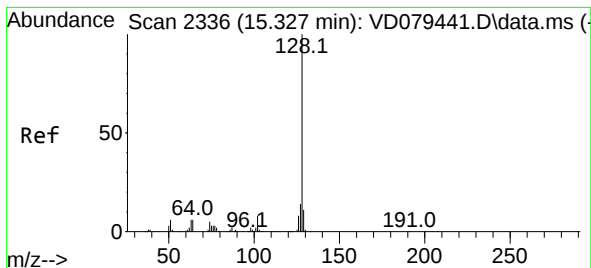
Tgt Ion:180 Resp: 184831
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.7
145 30.1 14.0 41.9



#94
Hexachlorobutadiene
Concen: 57.366 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD079527.D
Acq: 01 Aug 2024 10:47

Tgt Ion:225 Resp: 99807
Ion Ratio Lower Upper
225 100
223 62.8 33.3 99.9
227 61.7 33.6 100.6





#95

Naphthalene

Concen: 62.389 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

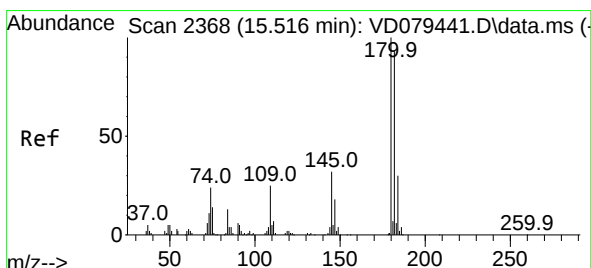
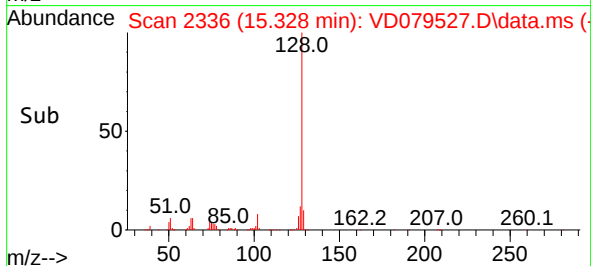
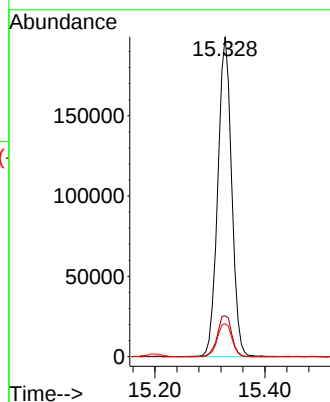
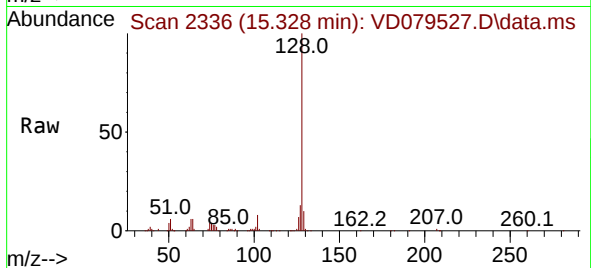
Tgt Ion:128 Resp: 348094

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.3 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 54.919 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079527.D

Acq: 01 Aug 2024 10:47

Tgt Ion:180 Resp: 155732

Ion Ratio Lower Upper

180 100

182 94.2 47.8 143.3

145 32.0 16.1 48.2

