

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073056.D
 Acq On : 17 May 2022 12:11
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: May 17 12:27:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 17 11:58:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	285863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	474422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	467544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	372213	100.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 200.860%#	
35) Dibromofluoromethane	7.908	113	354038	106.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 212.040%#	
50) Toluene-d8	10.332	98	1340625	111.476	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 222.960%#	
62) 4-Bromofluorobenzene	12.620	95	481500	108.202	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 216.400%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	360370	95.032	ug/l	98
3) Chloromethane	2.209	50	381317	95.473	ug/l	97
4) Vinyl Chloride	2.350	62	366159	102.448	ug/l	98
5) Bromomethane	2.750	94	248420	111.861	ug/l	100
6) Chloroethane	2.915	64	230734	102.873	ug/l	99
7) Trichlorofluoromethane	3.268	101	672382	106.421	ug/l	96
8) Diethyl Ether	3.709	74	194863	106.897	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	397008	105.873	ug/l	97
10) Methyl Iodide	4.291	142	474028	125.189	ug/l	98
11) Tert butyl alcohol	5.214	59	153477	464.312	ug/l #	93
12) 1,1-Dichloroethene	4.062	96	380791	112.498	ug/l	89
13) Acrolein	3.920	56	175388	812.899	ug/l	98
14) Allyl chloride	4.709	41	626071	114.769	ug/l	92
15) Acrylonitrile	5.414	53	447504	514.801	ug/l	97
16) Acetone	4.156	43	328719	497.450	ug/l	93
17) Carbon Disulfide	4.409	76	1229965	114.433	ug/l	98
18) Methyl Acetate	4.714	43	198270	99.447	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	896538	110.335	ug/l	98
20) Methylene Chloride	4.962	84	443089	107.902	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	443059	113.303	ug/l	91
22) Diisopropyl ether	6.361	45	1287268	107.215	ug/l	94
23) Vinyl Acetate	6.303	43	3621678	546.141	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	772152	106.489	ug/l	99
25) 2-Butanone	7.208	43	530298	503.695	ug/l	93
26) 2,2-Dichloropropane	7.203	77	665846	109.342	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	493907	110.349	ug/l	93
28) Bromochloromethane	7.538	49	257437	97.083	ug/l #	83
29) Tetrahydrofuran	7.556	42	361591	531.560	ug/l	94
30) Chloroform	7.703	83	803676	104.472	ug/l	100
31) Cyclohexane	7.979	56	730698	114.891	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	715035	109.402	ug/l	96
36) 1,1-Dichloropropene	8.108	75	625532	117.754	ug/l	96
37) Ethyl Acetate	7.291	43	252644	103.961	ug/l #	95
38) Carbon Tetrachloride	8.091	117	635592	114.975	ug/l	99
39) Methylcyclohexane	9.350	83	802234	129.603	ug/l	97
40) Benzene	8.344	78	1757104	113.673	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	129978	91.145	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	491629	105.819	ug/l	96
43) Isopropyl Acetate	8.444	43	483172	107.699	ug/l #	94
44) Trichloroethene	9.108	130	478085	116.036	ug/l	93
45) 1,2-Dichloropropane	9.379	63	447017	110.494	ug/l	98
46) Dibromomethane	9.467	93	240960	107.696	ug/l	98
47) Bromodichloromethane	9.655	83	615351	107.254	ug/l	100
48) Methyl methacrylate	9.450	41	252466	114.467	ug/l	91
49) 1,4-Dioxane	9.455	88	51850	2054.588	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	1256926	537.070	ug/l	94
52) Toluene	10.397	92	1147180	119.065	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	592341	112.520	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	694649	113.120	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	327785	108.288	ug/l	98
56) Ethyl methacrylate	10.649	69	420098	118.781	ug/l	88
57) 1,3-Dichloropropane	10.938	76	568552	109.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	988120	580.303	ug/l	97
59) 2-Hexanone	10.973	43	854625	549.219	ug/l	93
60) Dibromochloromethane	11.132	129	412564	108.221	ug/l	100
61) 1,2-Dibromoethane	11.238	107	326432	111.293	ug/l	100
64) Tetrachloroethene	10.867	164	385252	113.654	ug/l	94
65) Chlorobenzene	11.661	112	1194111	111.687	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	442826	110.391	ug/l	98
67) Ethyl Benzene	11.732	91	2206316	119.119	ug/l	98
68) m/p-Xylenes	11.844	106	1711156	240.453	ug/l	99
69) o-Xylene	12.167	106	810158	121.878	ug/l	94
70) Styrene	12.185	104	1372135	118.680	ug/l	98
71) Bromoform	12.349	173	235465	107.768	ug/l #	99
73) Isopropylbenzene	12.467	105	2146527	122.284	ug/l	100
74) N-amyl acetate	12.279	43	480583	110.383	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	369658	103.660	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	479571	190.760	ug/l #	100
77) Bromobenzene	12.749	156	468871	111.896	ug/l	95
78) n-propylbenzene	12.808	91	2644644	119.609	ug/l	99
79) 2-Chlorotoluene	12.896	91	1489429	114.922	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1799093	120.996	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	123147	112.246	ug/l	90
82) 4-Chlorotoluene	12.991	91	1566317	115.749	ug/l	100
83) tert-Butylbenzene	13.208	119	1561801	123.593	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	1757744	117.979	ug/l	98
85) sec-Butylbenzene	13.390	105	2342481	122.970	ug/l	99
86) p-Isopropyltoluene	13.502	119	1927986	123.294	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	946604	111.677	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	915820	108.759	ug/l	98
89) n-Butylbenzene	13.826	91	1871014	123.643	ug/l	99
90) Hexachloroethane	14.096	117	362578	112.915	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	819196	111.299	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	56102	99.884	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	491318	113.484	ug/l	98
94) Hexachlorobutadiene	15.249	225	269126	113.557	ug/l	99
95) Naphthalene	15.385	128	967651	121.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	438049	114.226	ug/l	100

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ClientSampleId :
VSTDICC100

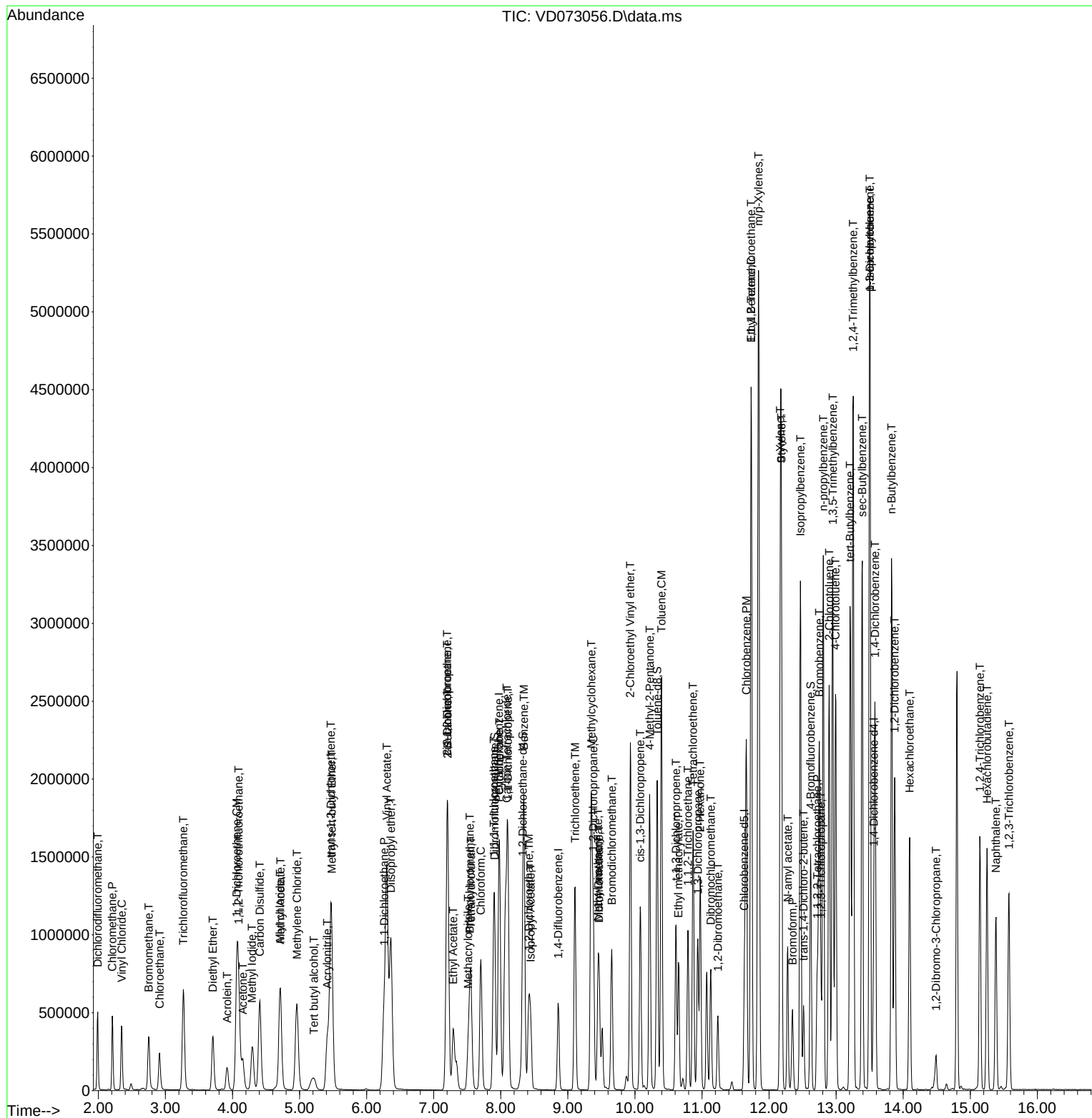
Quant Time: May 17 12:27:54 2022
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Quant Title : SW846 8260
QLast Update : Tue May 17 11:58:55 2022
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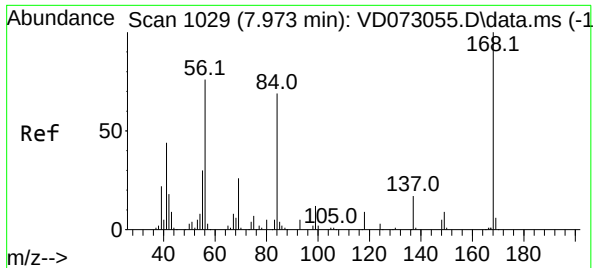
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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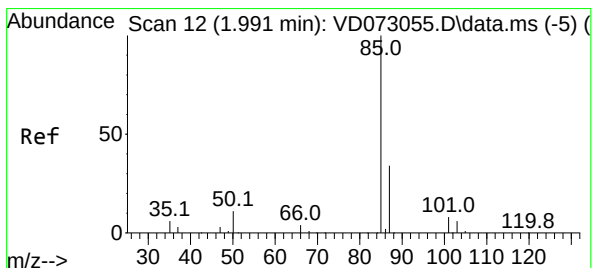
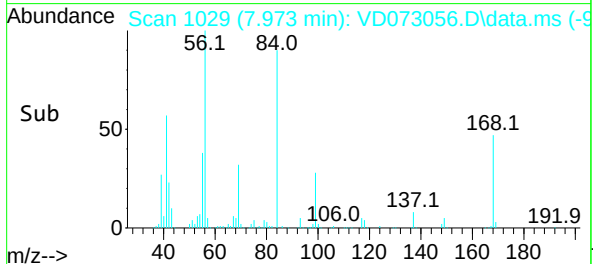
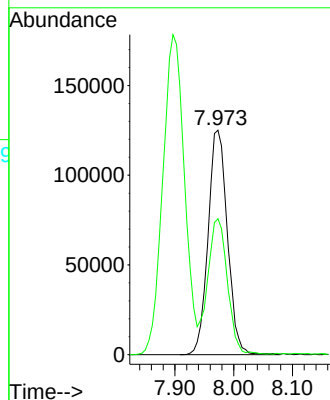
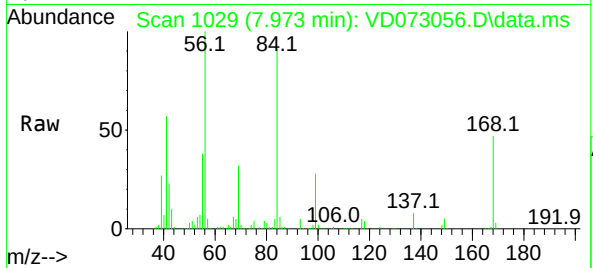




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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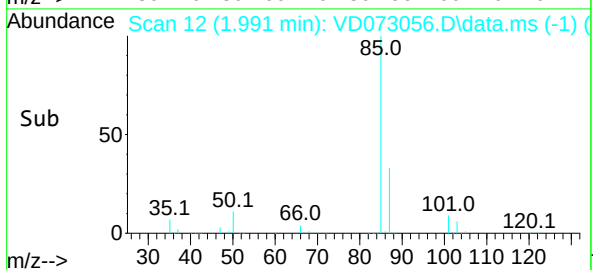
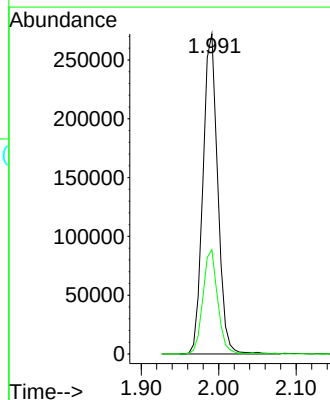
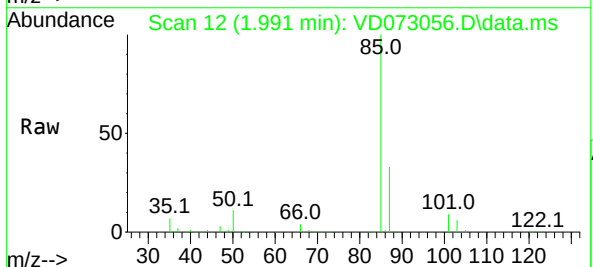
Instrument :
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ClientSampleId :
VSTDIC100

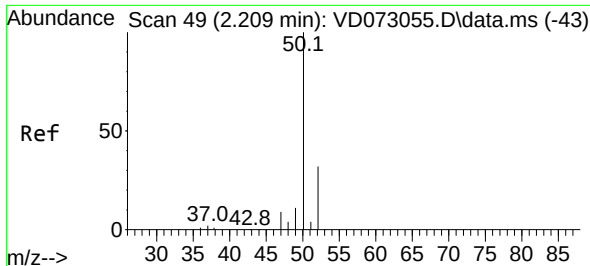
Tgt Ion:168 Resp: 285863
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 95.032 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 85 Resp: 360370
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0

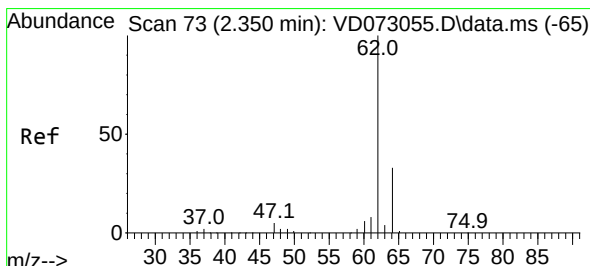
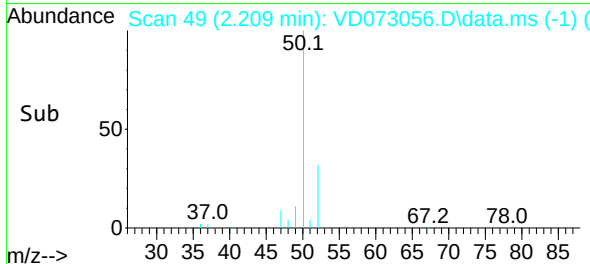
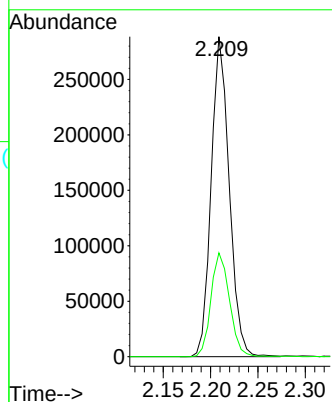
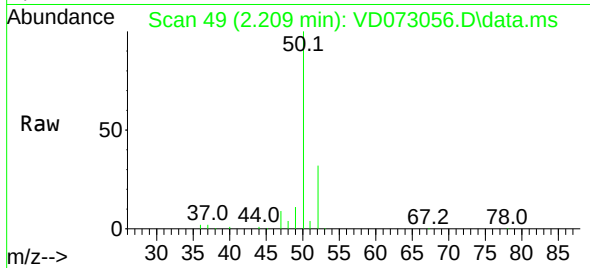




#3
Chloromethane
Concen: 95.473 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

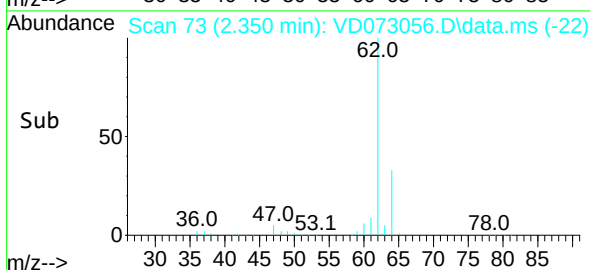
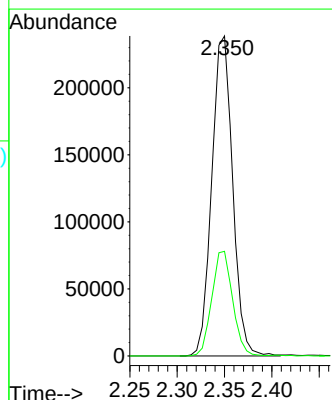
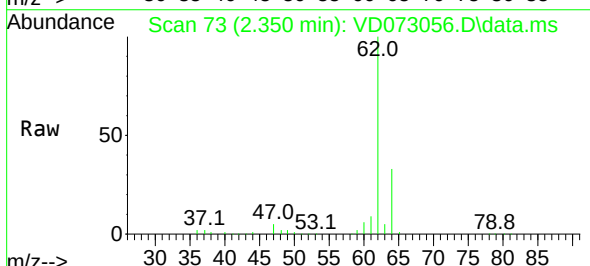
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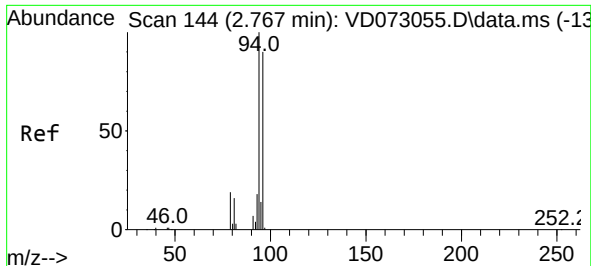
Tgt Ion: 50 Resp: 381317
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.0



#4
Vinyl Chloride
Concen: 102.448 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 62 Resp: 366159
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

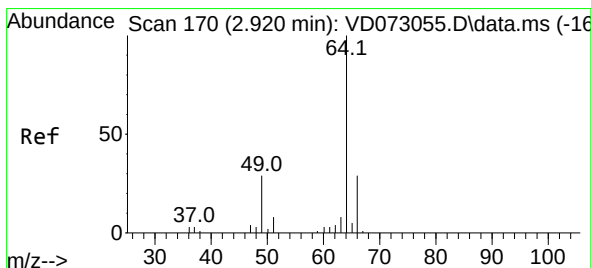
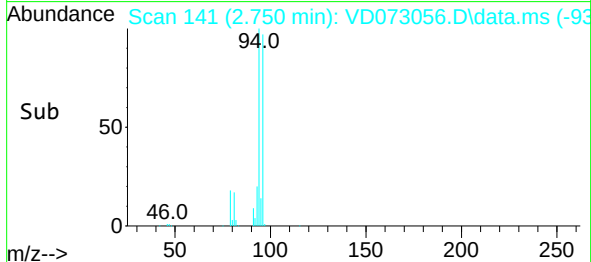
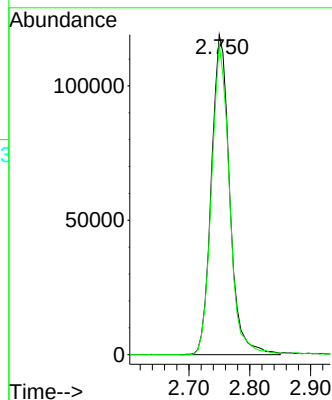
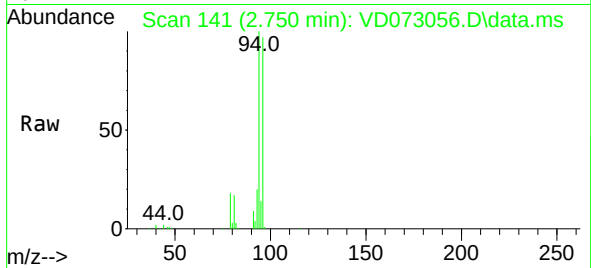




#5
Bromomethane
Concen: 111.861 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

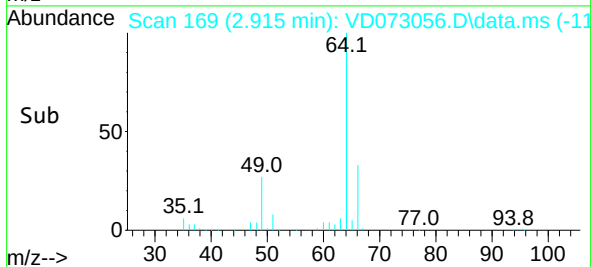
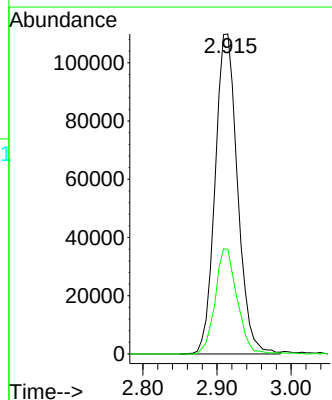
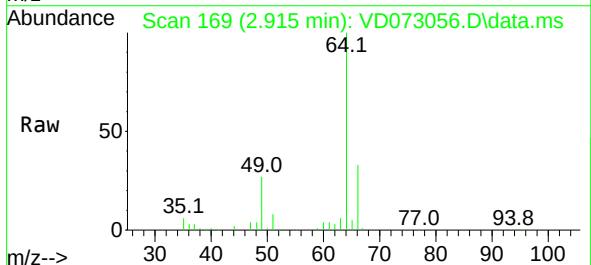
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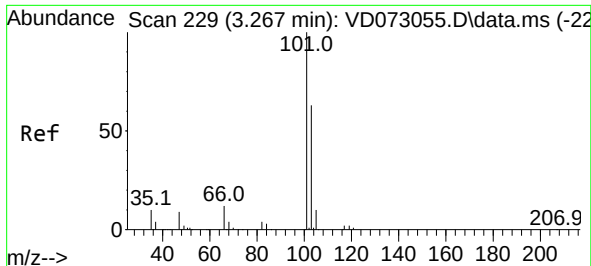
Tgt Ion: 94 Resp: 248420
Ion Ratio Lower Upper
94 100
96 97.2 77.6 116.4



#6
Chloroethane
Concen: 102.873 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073056.D
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Tgt Ion: 64 Resp: 230734
Ion Ratio Lower Upper
64 100
66 32.7 25.9 38.9

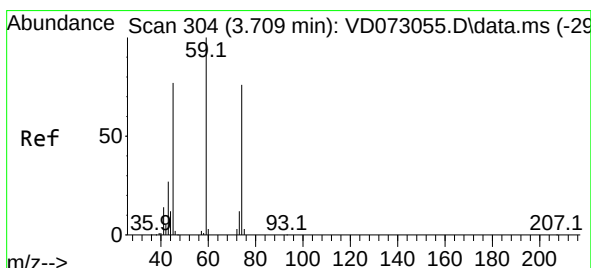
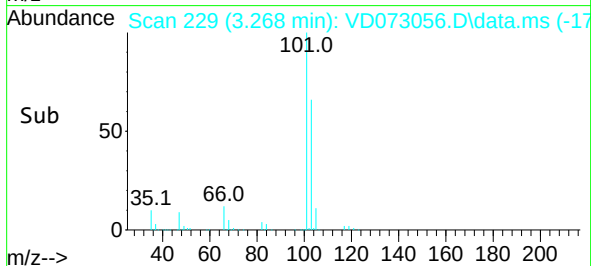
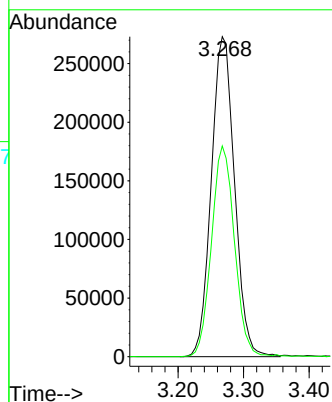
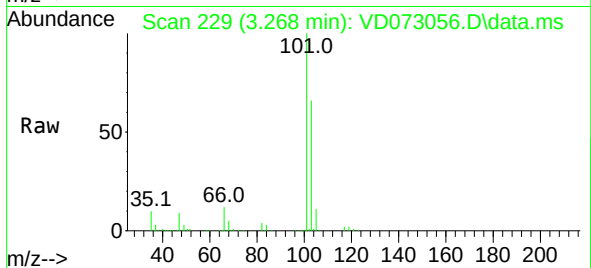




#7
 Trichlorofluoromethane
 Concen: 106.421 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073056.D
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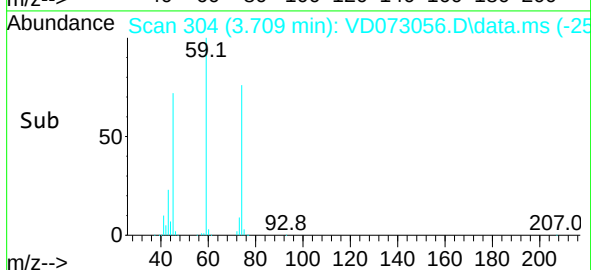
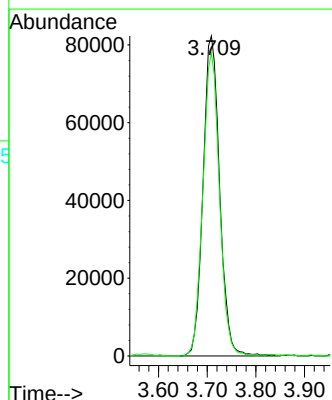
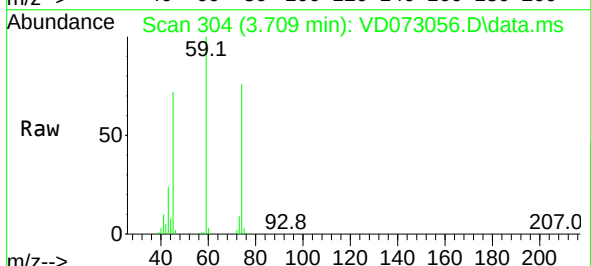
Instrument :
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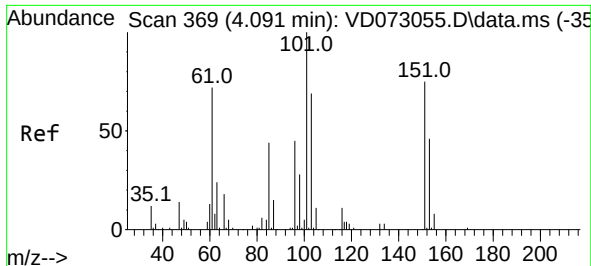
Tgt Ion:101 Resp: 672382
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.1 75.1



#8
 Diethyl Ether
 Concen: 106.897 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 194863
 Ion Ratio Lower Upper
 74 100
 45 94.8 52.6 157.8

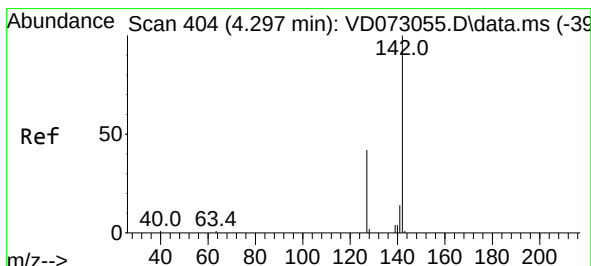
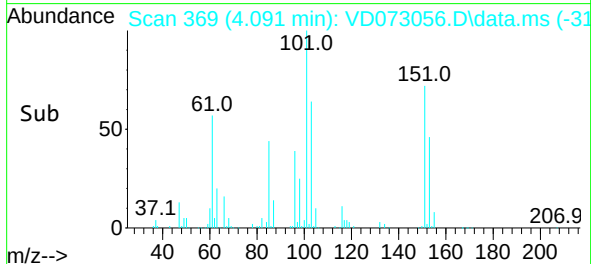
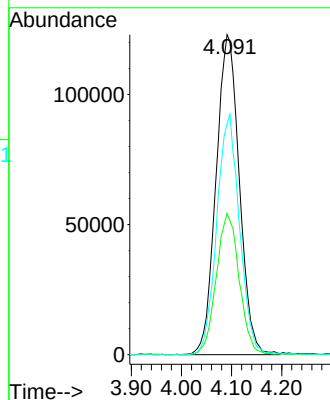
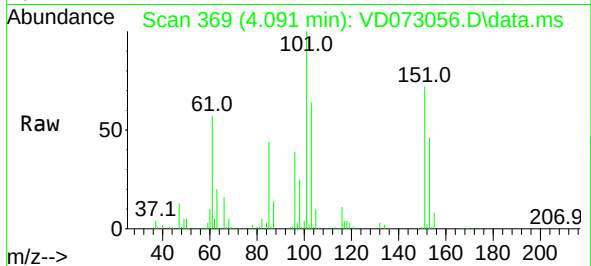




#9
1,1,2-Trichlorotrifluoroethane
Concen: 105.873 ug/l
RT: 4.091 min Scan# 30
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

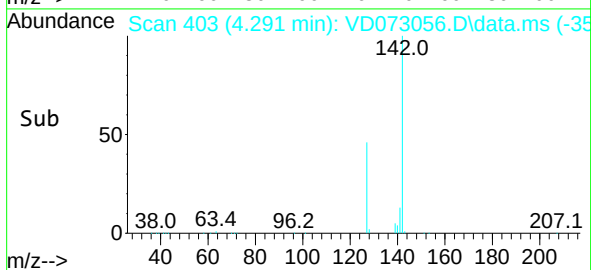
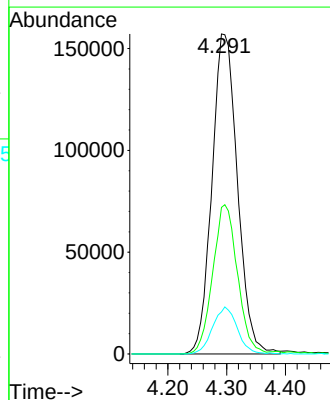
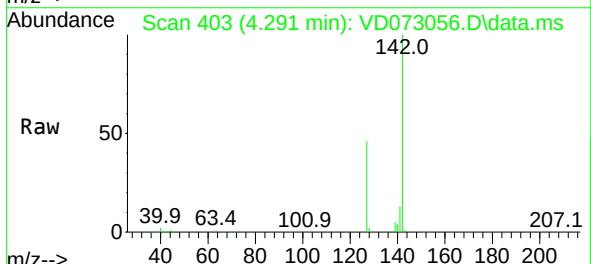
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

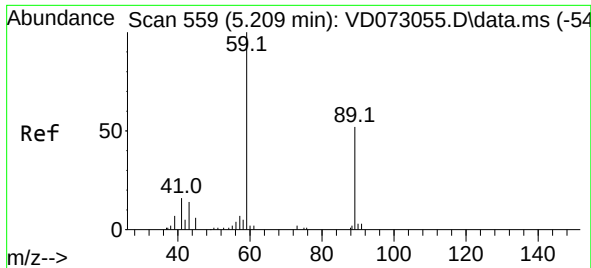
Tgt Ion:101 Resp: 397008
Ion Ratio Lower Upper
101 100
85 43.4 36.4 54.6
151 73.4 57.3 85.9



#10
Methyl Iodide
Concen: 125.189 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion:142 Resp: 474028
Ion Ratio Lower Upper
142 100
127 45.1 37.3 55.9
141 14.1 11.7 17.5

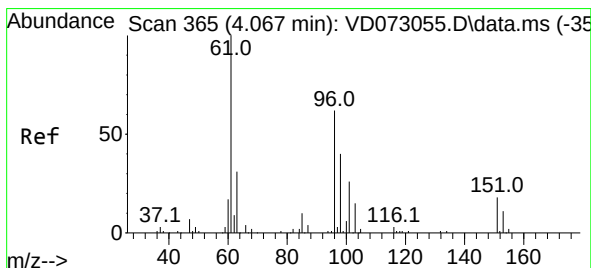
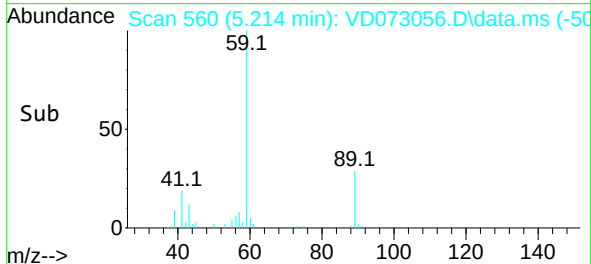
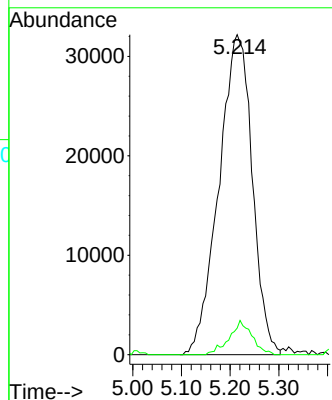
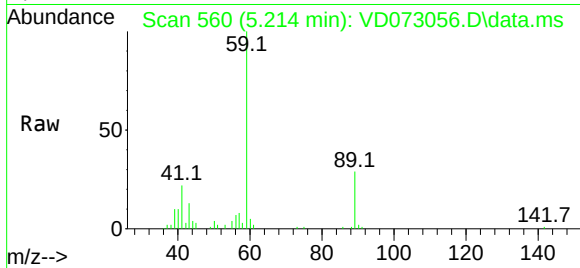




#11
Tert butyl alcohol
Concen: 464.312 ug/l
RT: 5.214 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

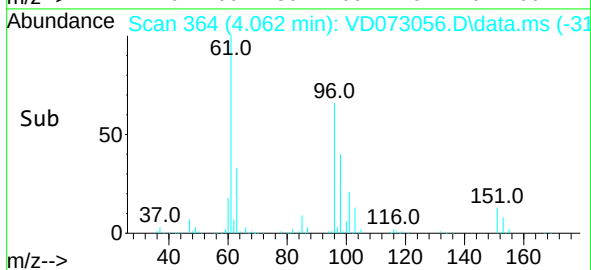
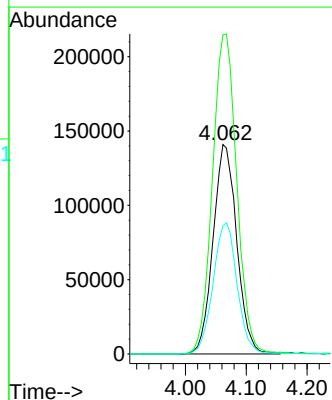
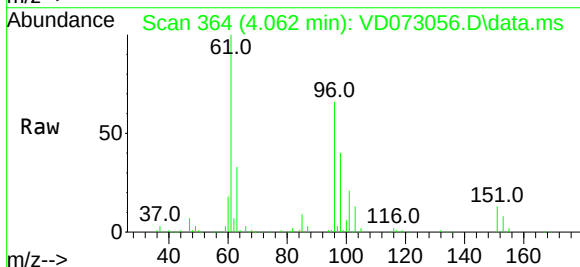
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

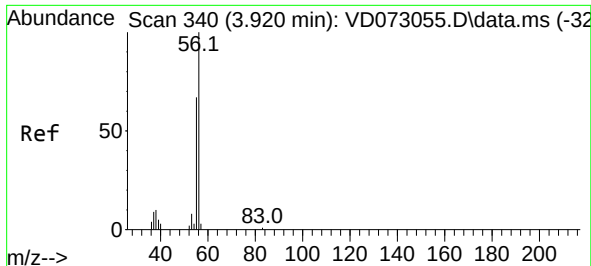
Tgt Ion: 59 Resp: 153477
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 112.498 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 96 Resp: 380791
Ion Ratio Lower Upper
96 100
61 152.4 138.5 207.7
98 61.1 48.6 73.0





#13

Acrolein

Concen: 812.899 ug/l

RT: 3.920 min Scan# 340

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

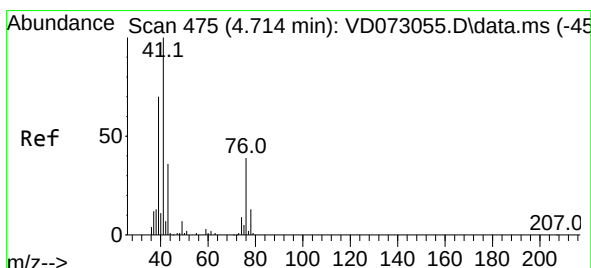
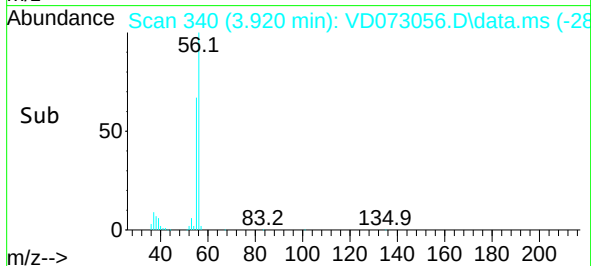
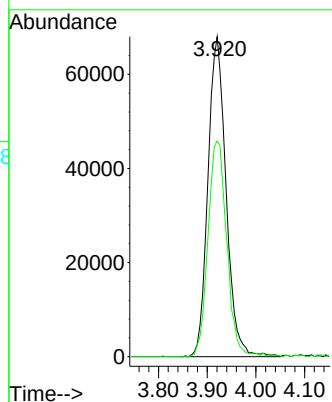
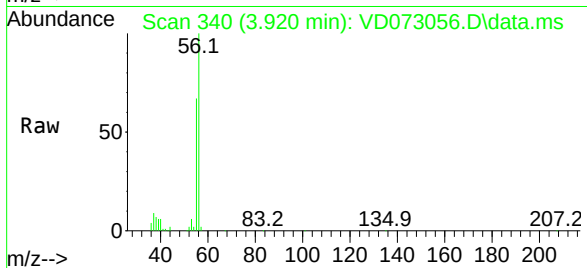
VSTDIC100

Tgt Ion: 56 Resp: 175388

Ion Ratio Lower Upper

56 100

55 69.7 57.1 85.7



#14

Allyl chloride

Concen: 114.769 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

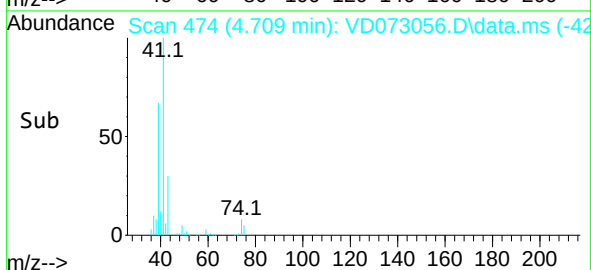
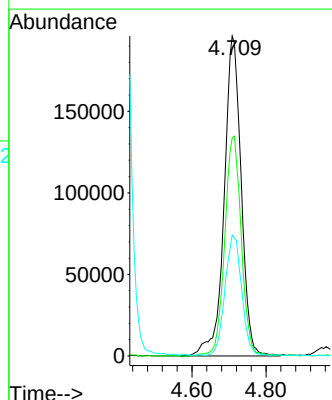
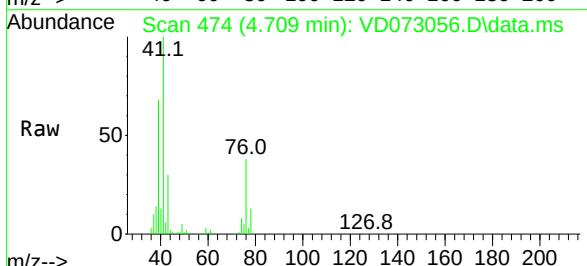
Tgt Ion: 41 Resp: 626071

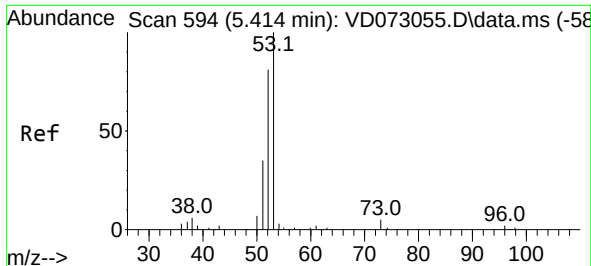
Ion Ratio Lower Upper

41 100

39 66.9 59.3 88.9

76 36.6 25.7 38.5

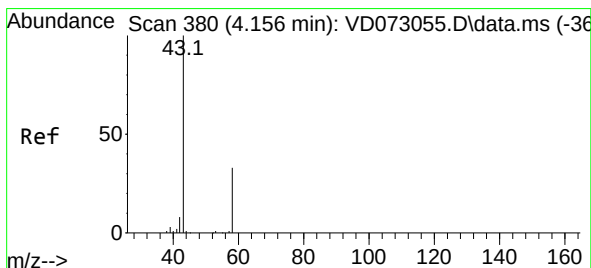
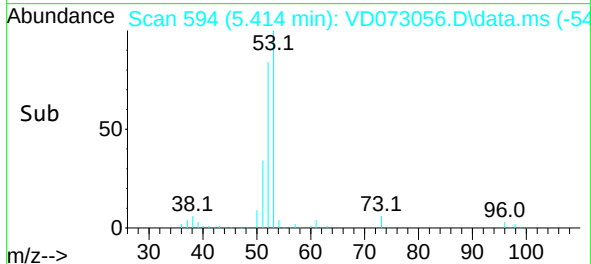
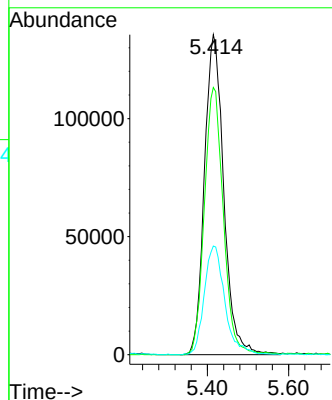
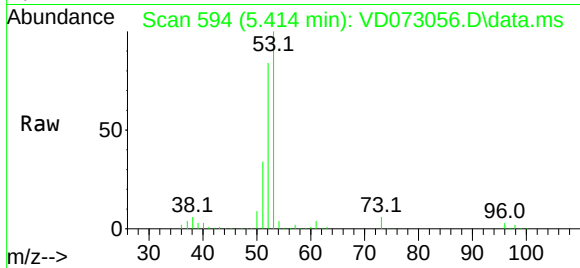




#15
Acrylonitrile
Concen: 514.801 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

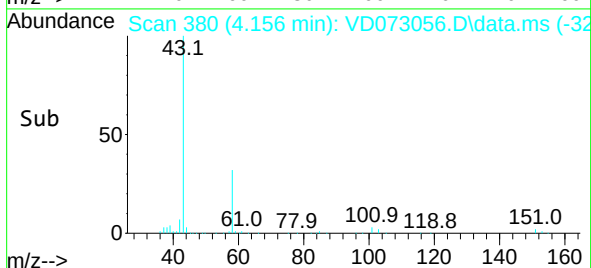
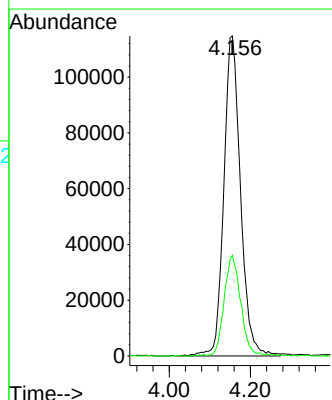
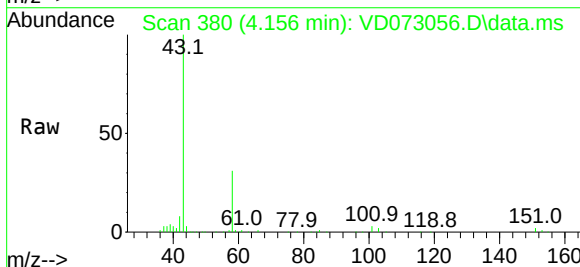
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

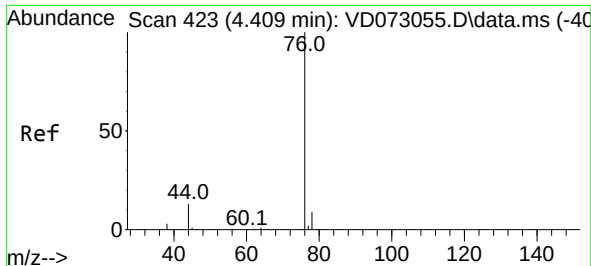
Tgt Ion: 53 Resp: 447504
Ion Ratio Lower Upper
53 100
52 81.8 67.2 100.8
51 36.2 30.3 45.5



#16
Acetone
Concen: 497.450 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 43 Resp: 328719
Ion Ratio Lower Upper
43 100
58 31.5 22.1 33.1

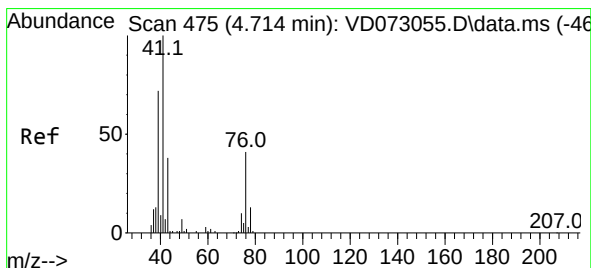
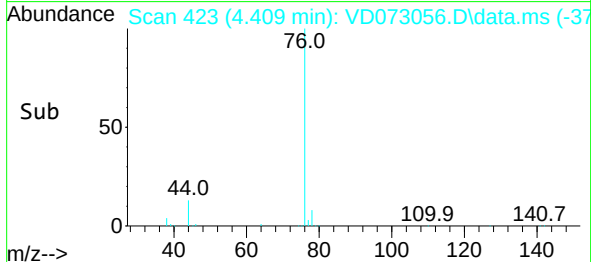
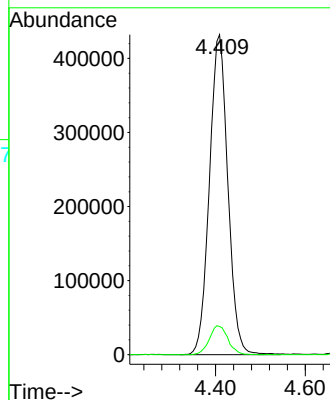
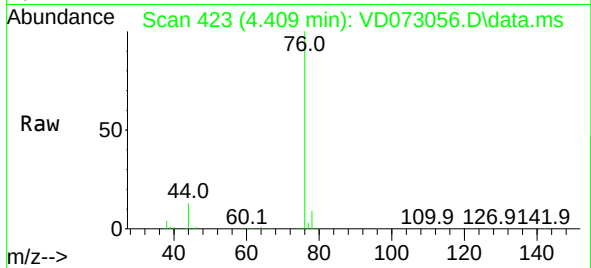




#17
Carbon Disulfide
Concen: 114.433 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

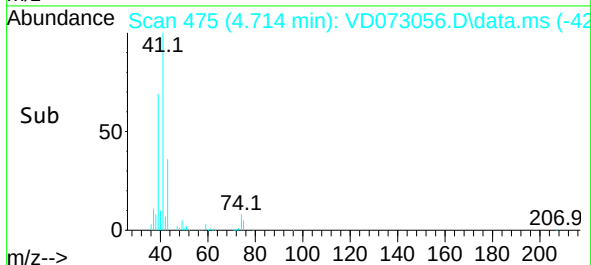
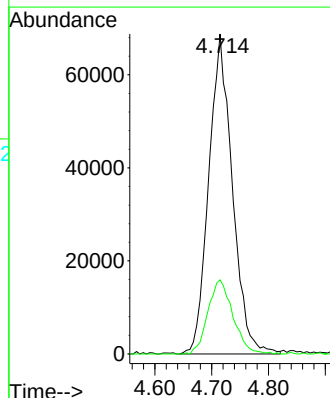
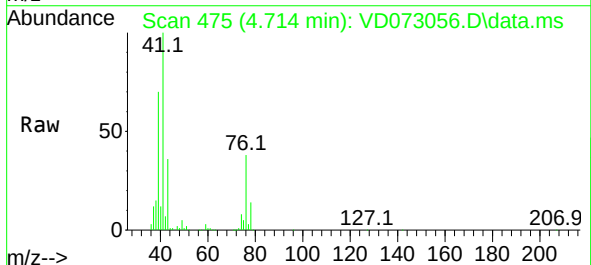
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

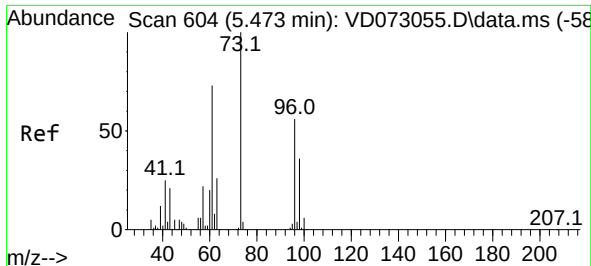
Tgt Ion: 76 Resp: 1229965
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 99.447 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 43 Resp: 198270
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1

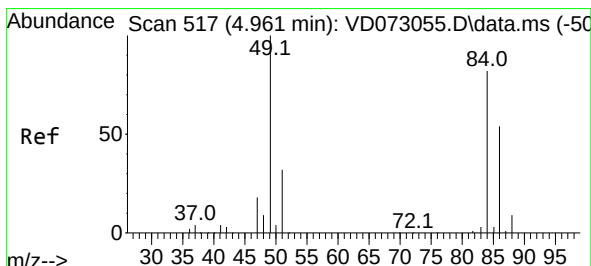
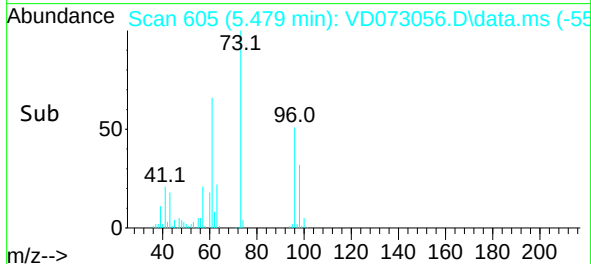
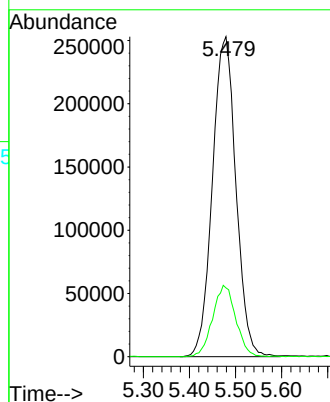
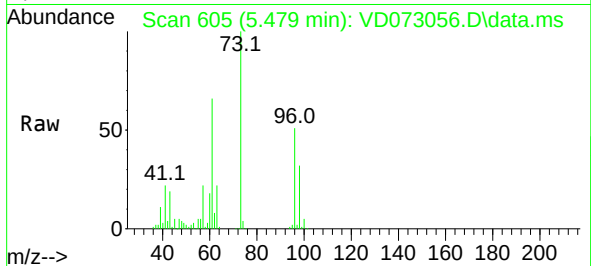




#19
Methyl tert-butyl Ether
Concen: 110.335 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

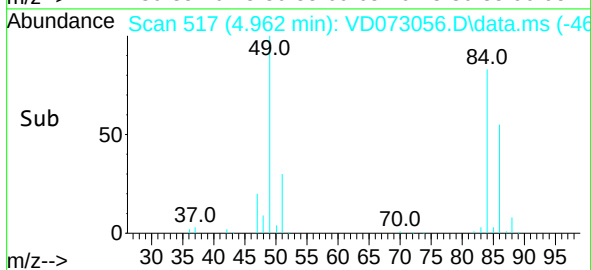
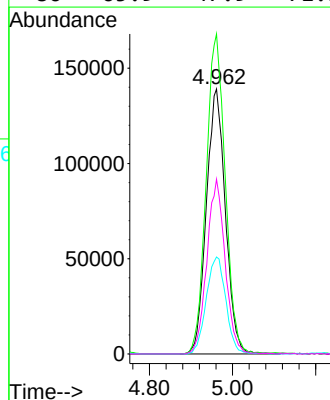
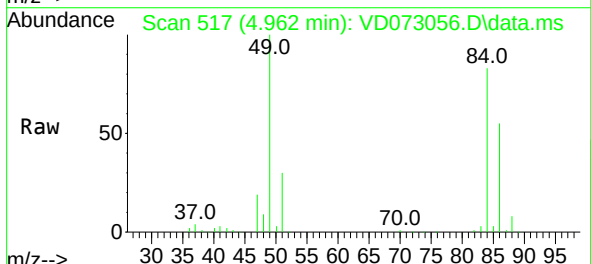
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

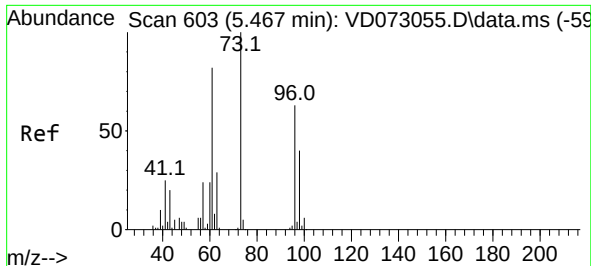
Tgt Ion: 73 Resp: 896538
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 107.902 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 84 Resp: 443089
Ion Ratio Lower Upper
84 100
49 120.8 112.8 169.2
51 36.6 32.6 48.8
86 65.9 47.9 71.9

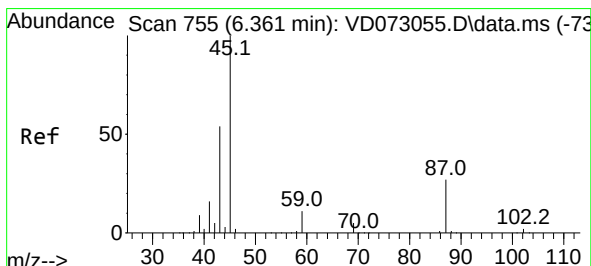
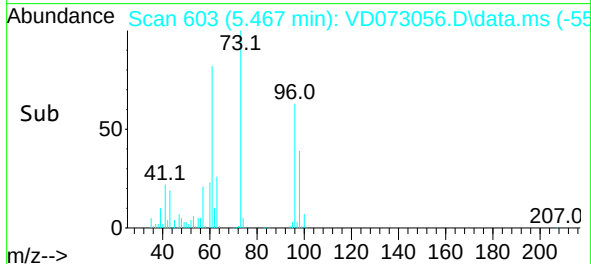
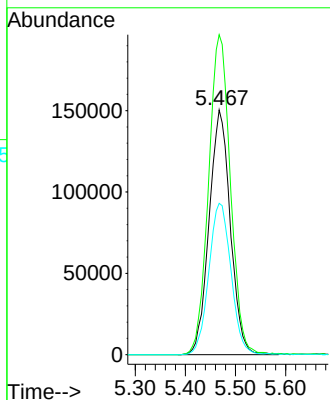
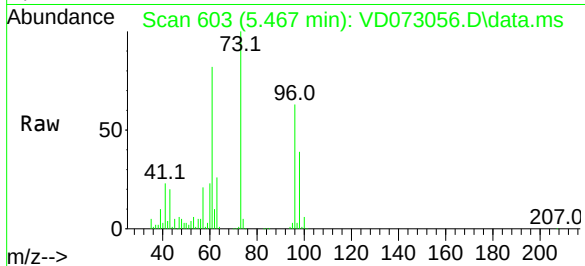




#21
trans-1,2-Dichloroethene
Concen: 113.303 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

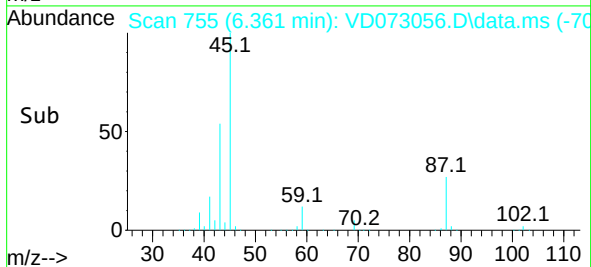
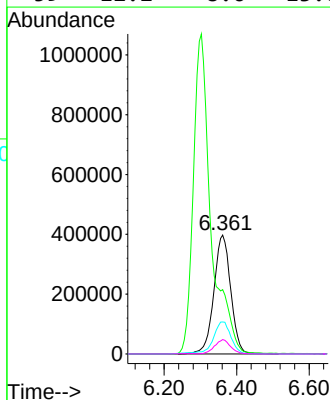
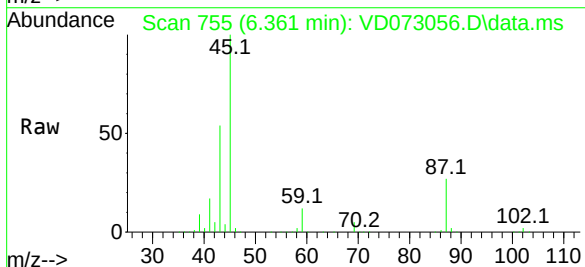
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

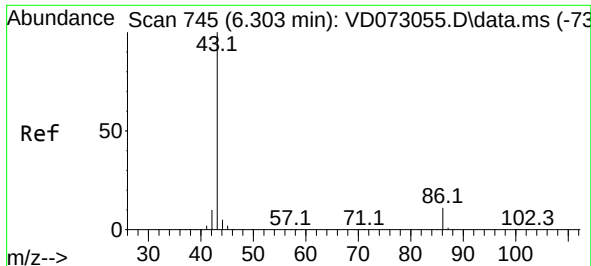
Tgt Ion: 96 Resp: 443059
Ion Ratio Lower Upper
96 100
61 130.8 117.9 176.9
98 61.8 49.4 74.2



#22
Diisopropyl ether
Concen: 107.215 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 45 Resp: 1287268
Ion Ratio Lower Upper
45 100
43 53.7 46.6 70.0
87 26.9 18.4 27.6
59 12.2 8.6 13.0

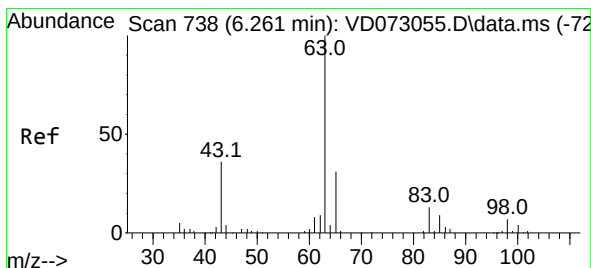
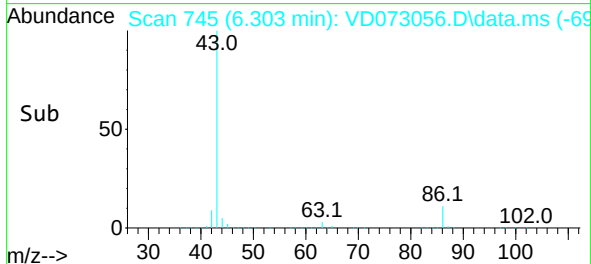
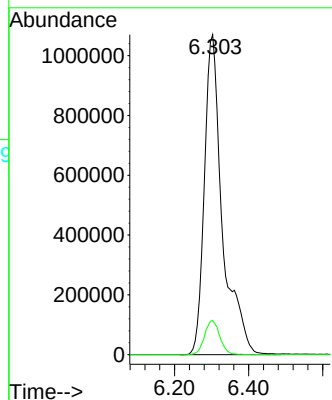
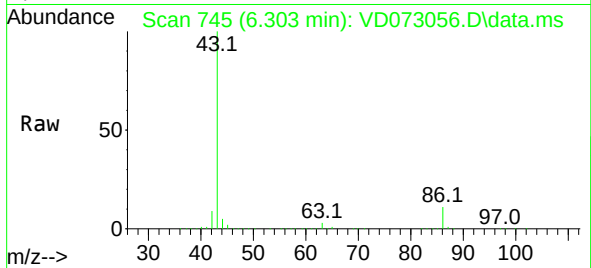




#23
 Vinyl Acetate
 Concen: 546.141 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073056.D
 Acq: 17 May 2022 12:11

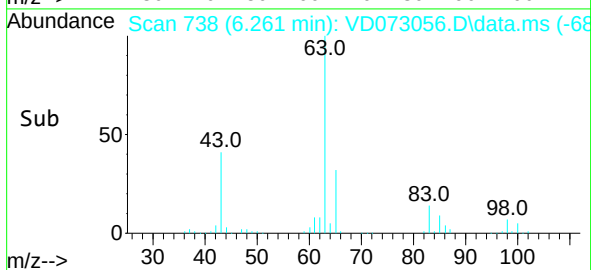
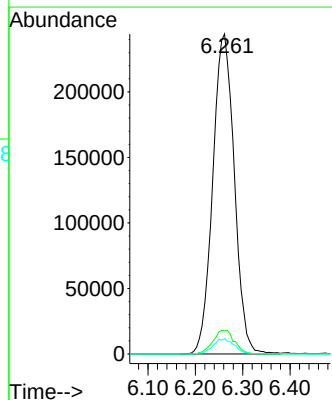
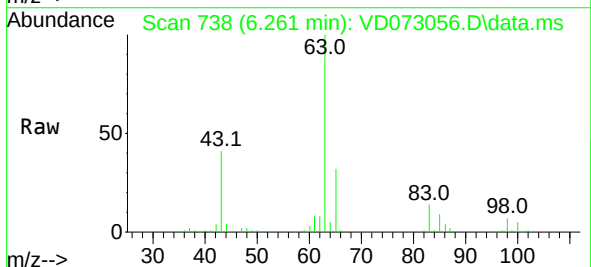
Instrument :
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 ClientSampleId :
 VSTDIC100

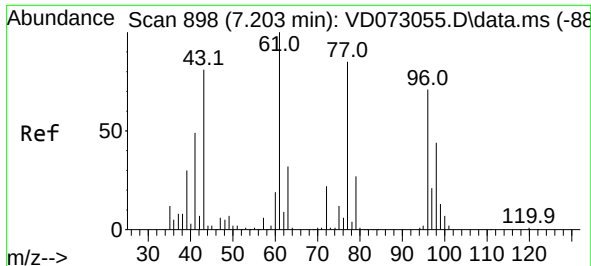
Tgt Ion: 43 Resp: 3621678
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 106.489 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073056.D
 Acq: 17 May 2022 12:11

Tgt Ion: 63 Resp: 772152
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.8 2.1 6.5

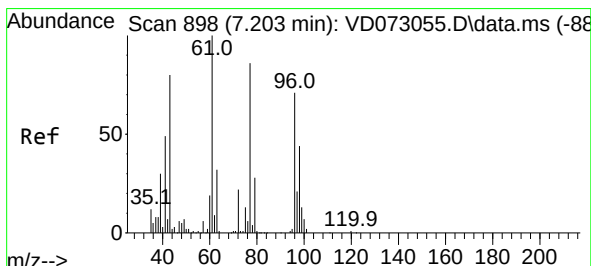
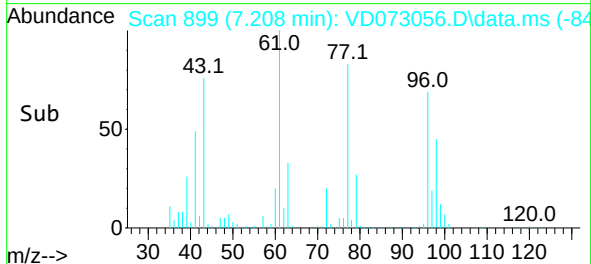
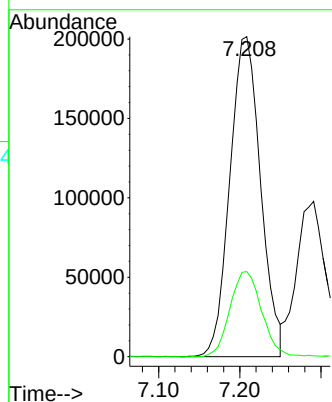
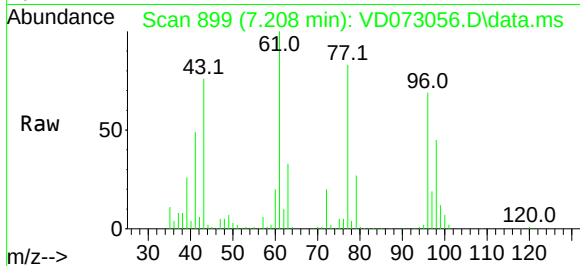




#25
2-Butanone
Concen: 503.695 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

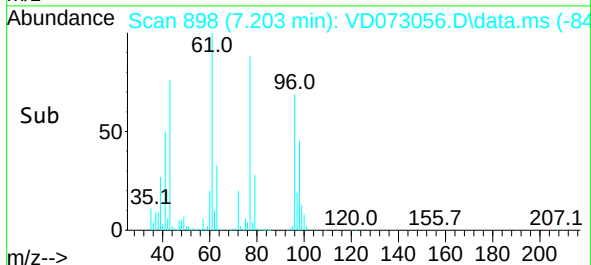
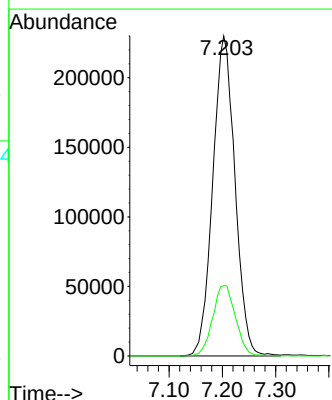
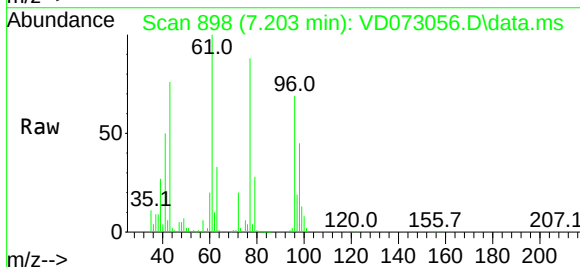
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

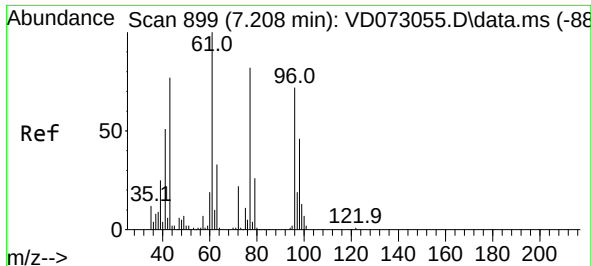
Tgt Ion: 43 Resp: 530298
Ion Ratio Lower Upper
43 100
72 26.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 109.342 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 77 Resp: 665846
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.4

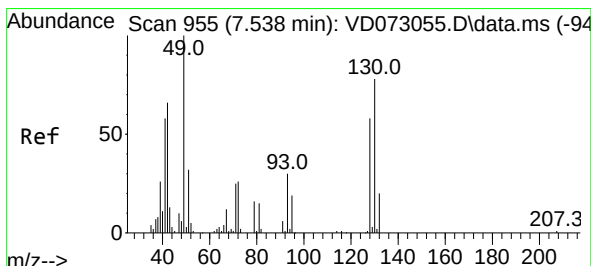
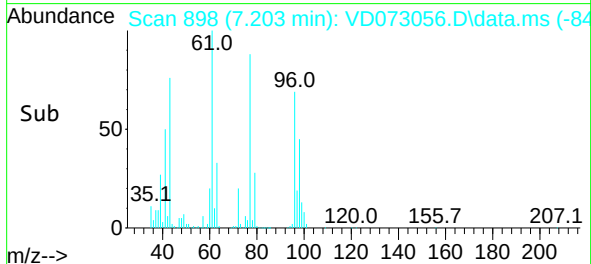
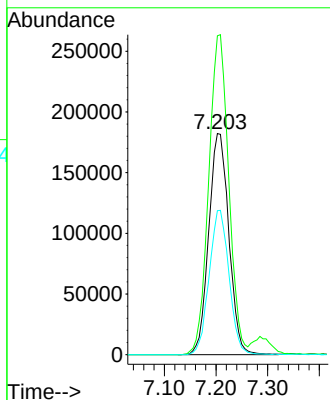
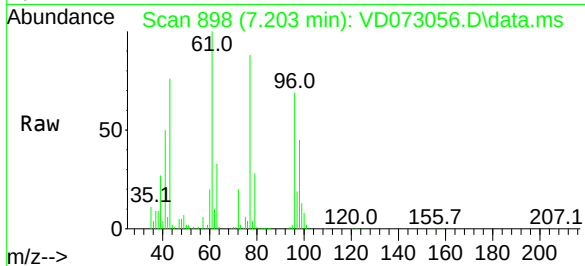




#27
 cis-1,2-Dichloroethene
 Concen: 110.349 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073056.D
 Acq: 17 May 2022 12:11

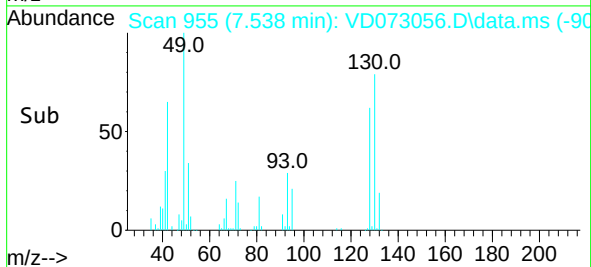
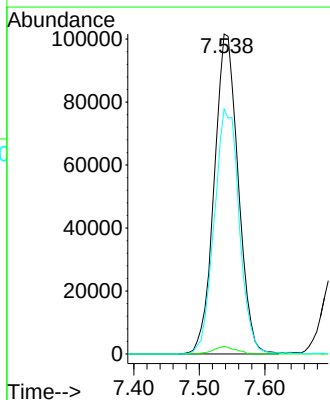
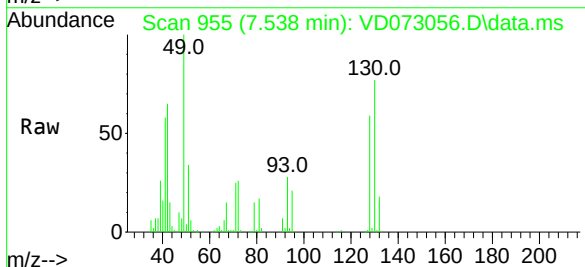
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

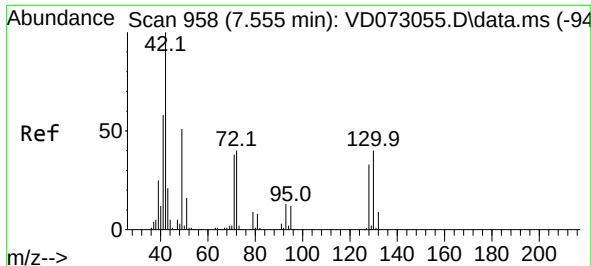
Tgt Ion: 96 Resp: 493907
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 313.8
 98 64.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 97.083 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073056.D
 Acq: 17 May 2022 12:11

Tgt Ion: 49 Resp: 257437
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 79.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 531.560 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

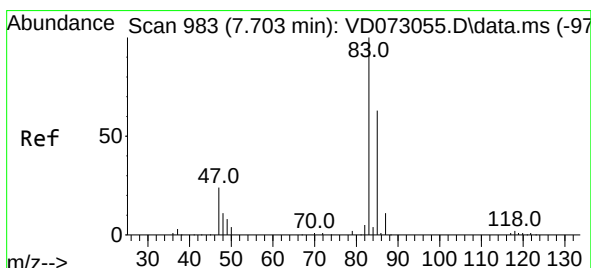
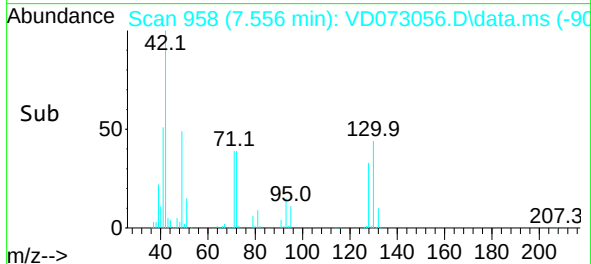
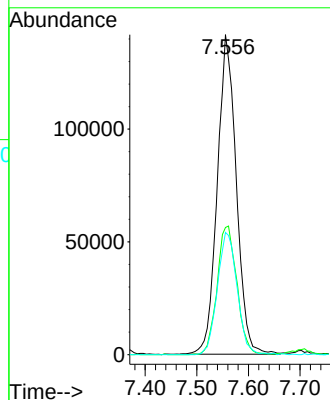
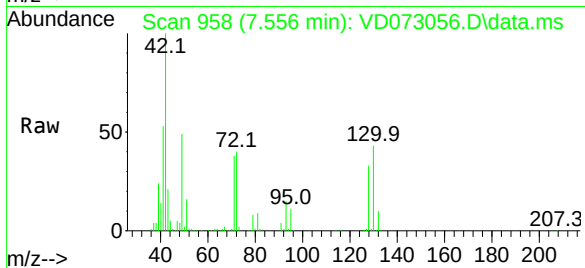
Tgt Ion: 42 Resp: 361591

Ion Ratio Lower Upper

42 100

72 42.1 30.7 46.1

71 39.7 28.6 43.0



#30

Chloroform

Concen: 104.472 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073056.D

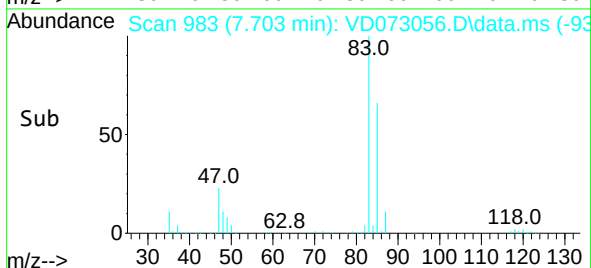
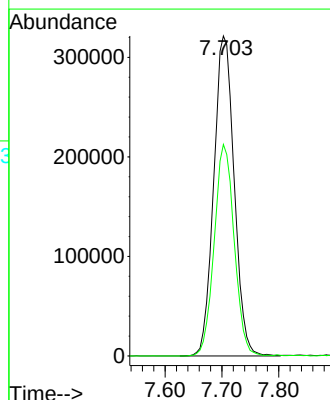
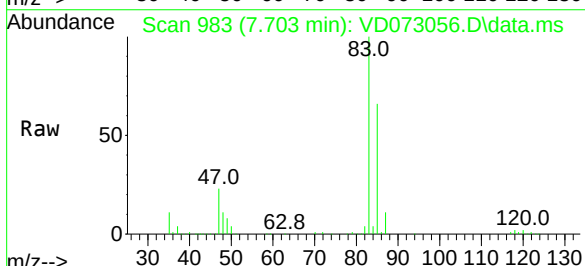
Acq: 17 May 2022 12:11

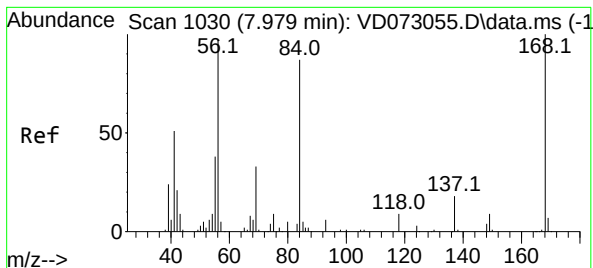
Tgt Ion: 83 Resp: 803676

Ion Ratio Lower Upper

83 100

85 66.1 52.7 79.1





#31

Cyclohexane

Concen: 114.891 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

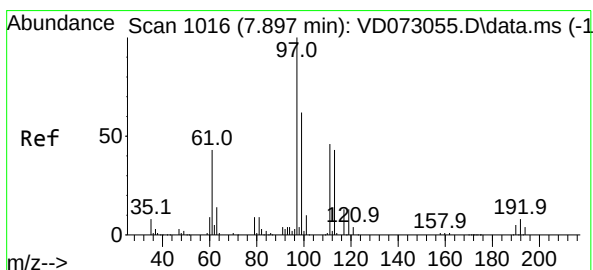
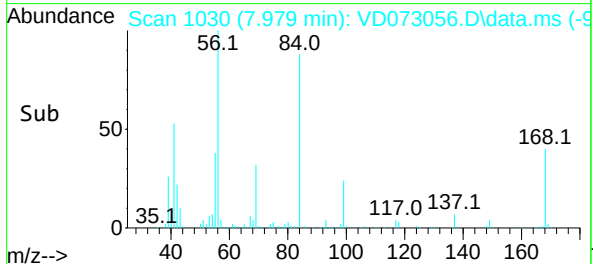
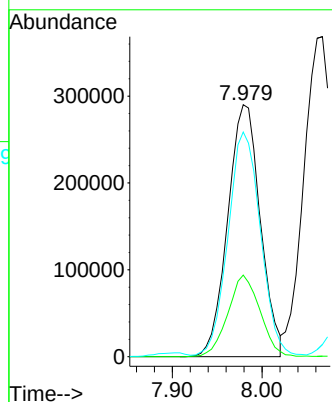
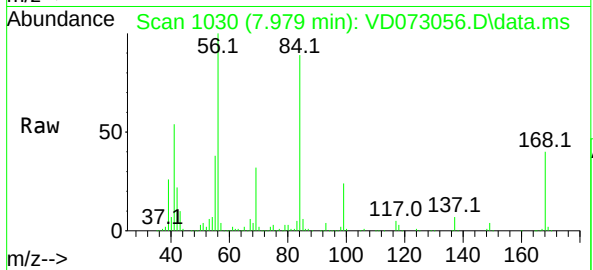
Tgt Ion: 56 Resp: 730698

Ion Ratio Lower Upper

56 100

69 32.4 25.4 38.2

84 87.6 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 109.402 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

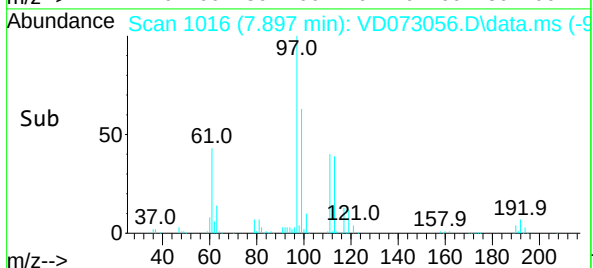
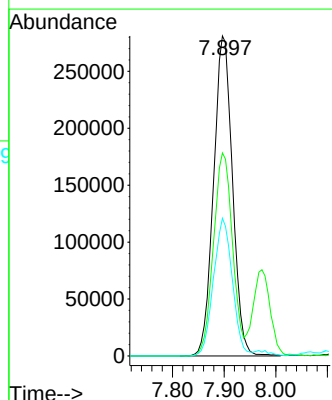
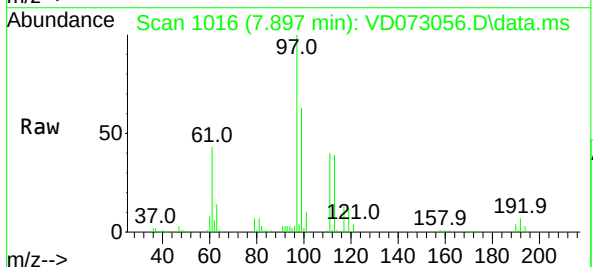
Tgt Ion: 97 Resp: 715035

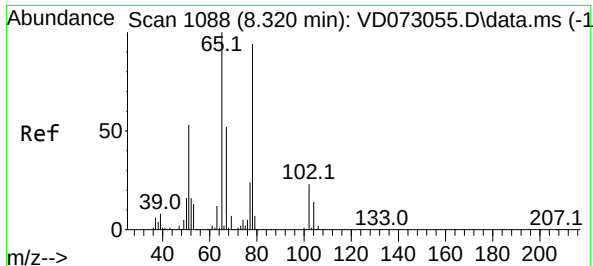
Ion Ratio Lower Upper

97 100

99 63.7 52.4 78.6

61 42.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 100.429 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

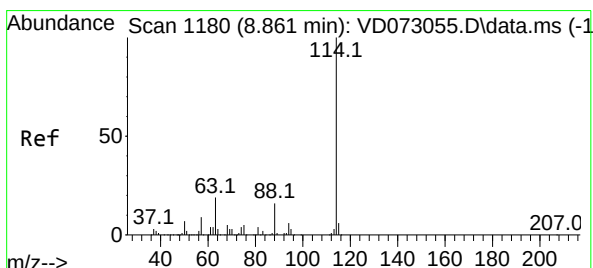
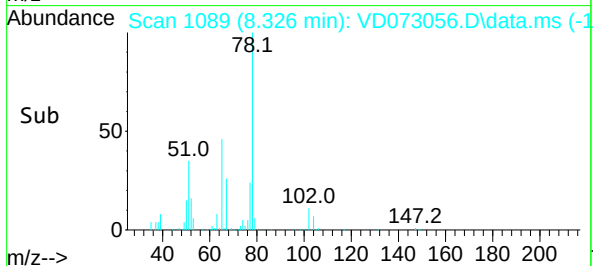
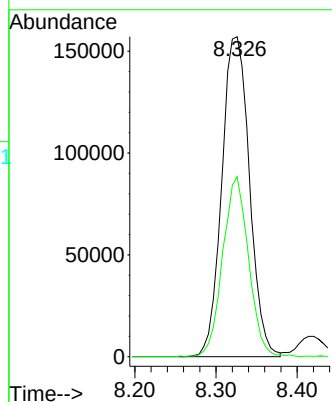
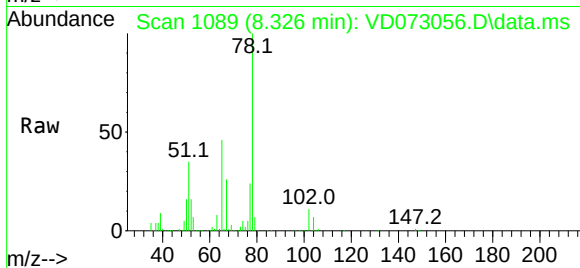
VSTDIC100

Tgt Ion: 65 Resp: 372213

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

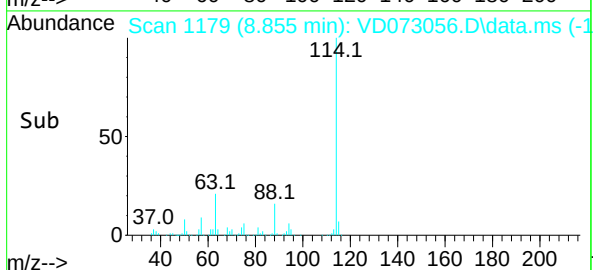
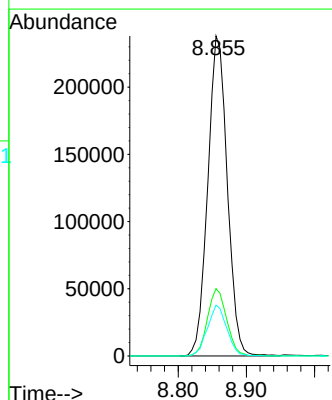
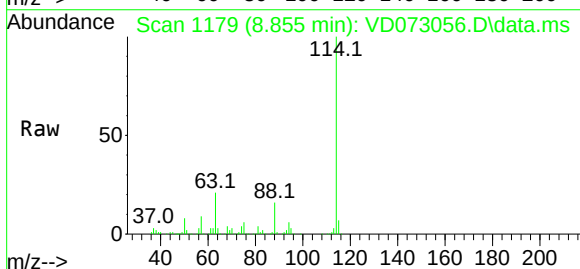
Tgt Ion: 114 Resp: 474422

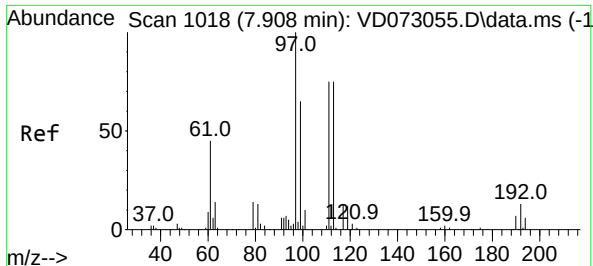
Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 106.024 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

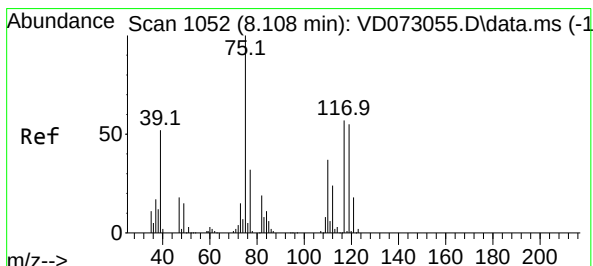
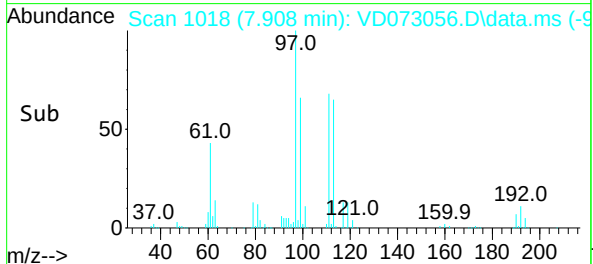
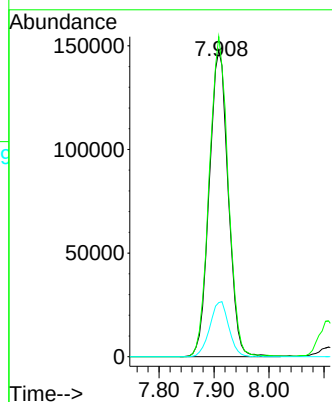
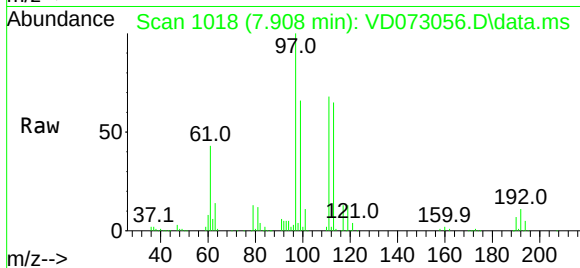
Tgt Ion:113 Resp: 354038

Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 117.754 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

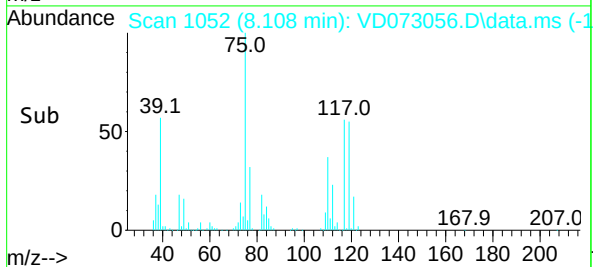
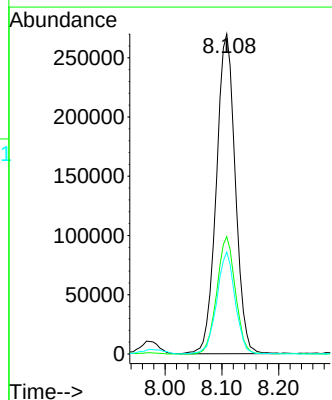
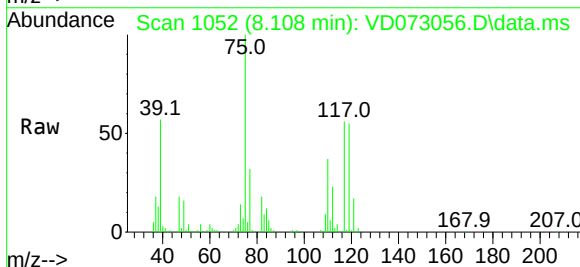
Tgt Ion: 75 Resp: 625532

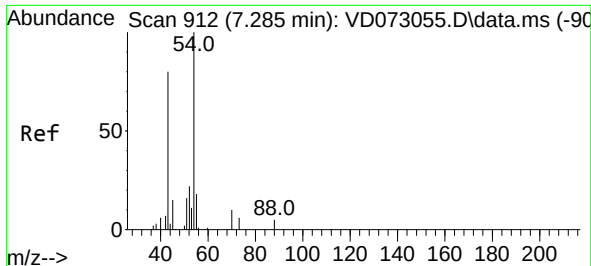
Ion Ratio Lower Upper

75 100

110 35.8 16.4 49.1

77 31.0 24.2 36.2

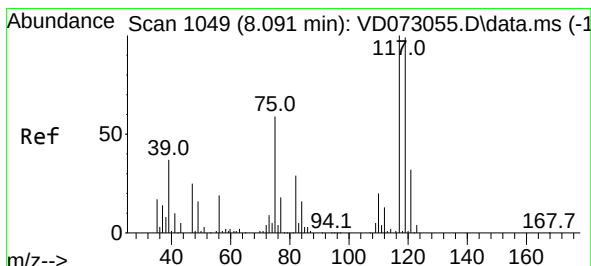
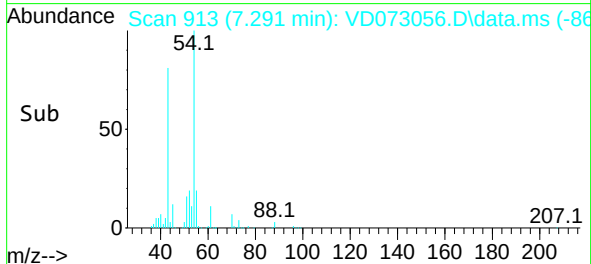
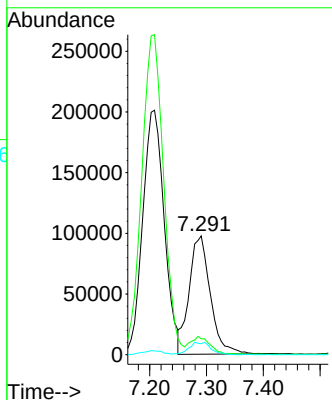
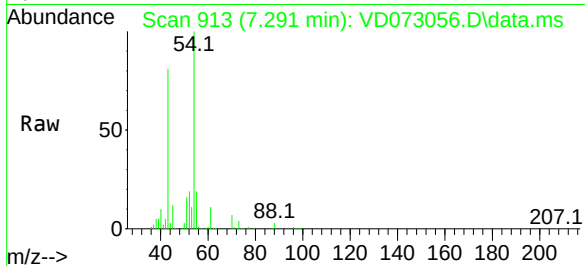




#37
Ethyl Acetate
Concen: 103.961 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

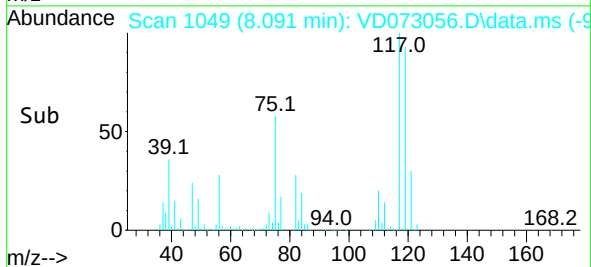
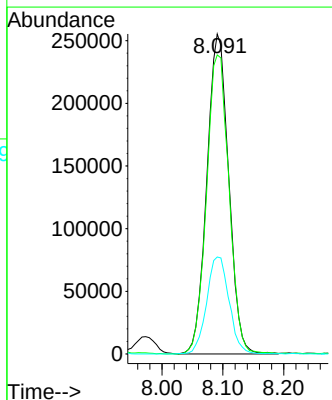
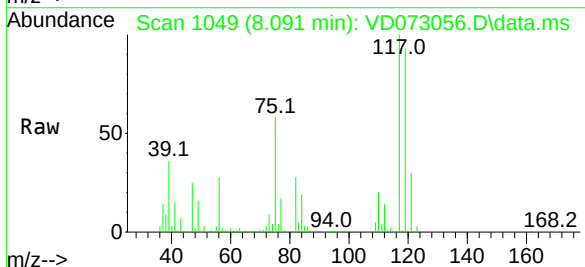
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

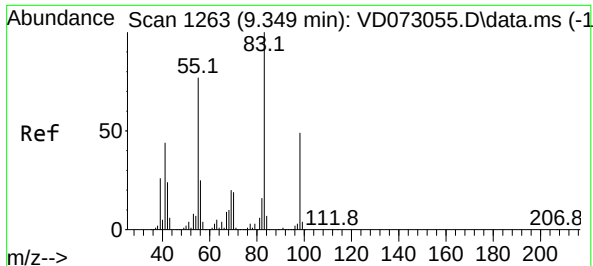
Tgt Ion: 43 Resp: 252644
Ion Ratio Lower Upper
43 100
61 13.8 9.8 14.8
70 10.7 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 114.975 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 117 Resp: 635592
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.6
121 30.2 24.5 36.7





#39

Methylcyclohexane

Concen: 129.603 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

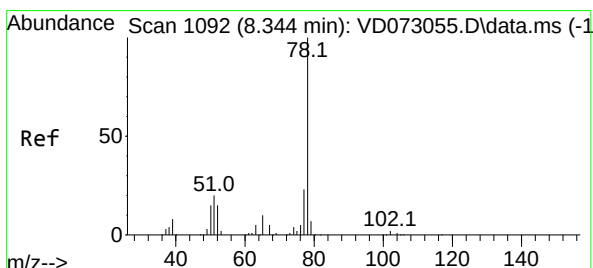
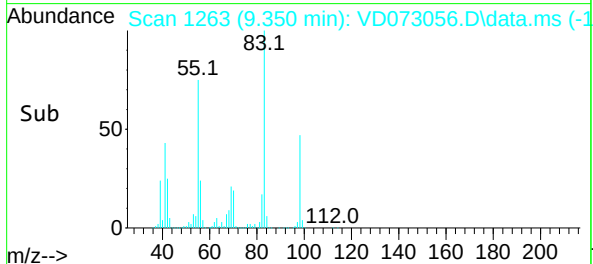
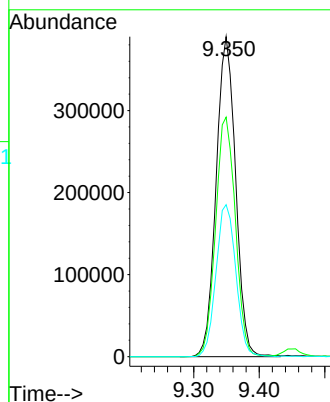
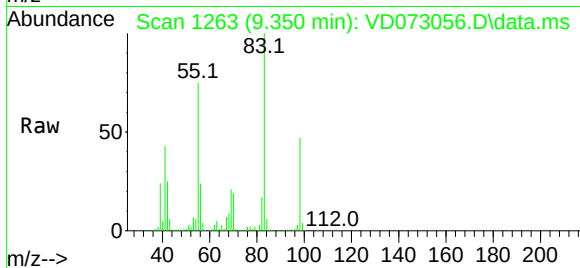
Tgt Ion: 83 Resp: 802234

Ion Ratio Lower Upper

83 100

55 74.8 63.2 94.8

98 47.5 38.2 57.4



#40

Benzene

Concen: 113.673 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073056.D

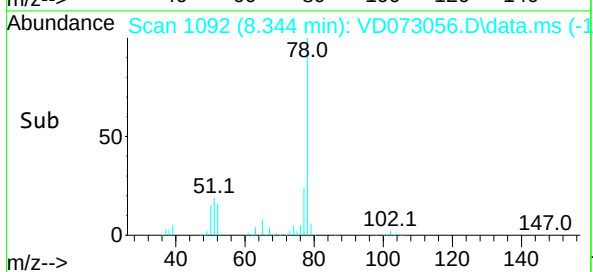
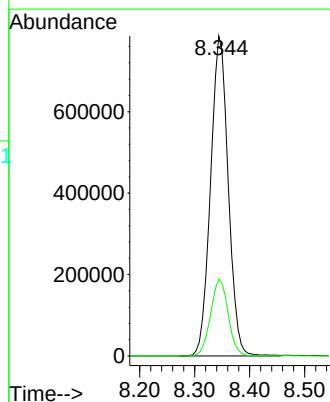
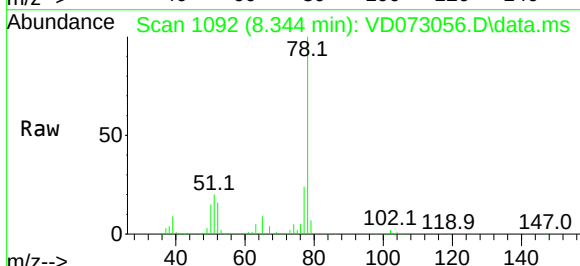
Acq: 17 May 2022 12:11

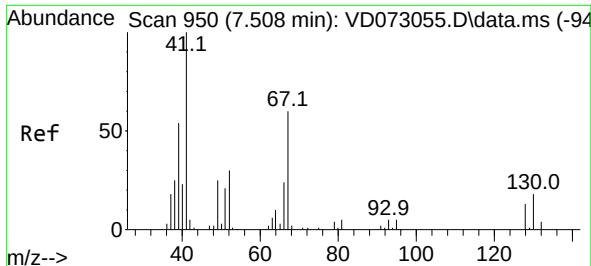
Tgt Ion: 78 Resp: 1757104

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

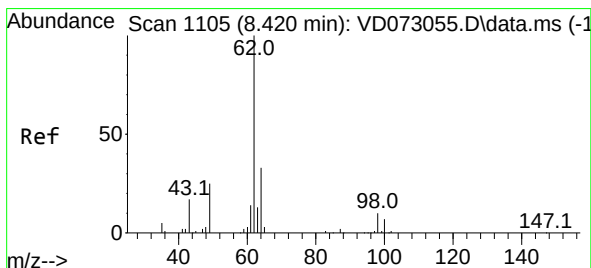
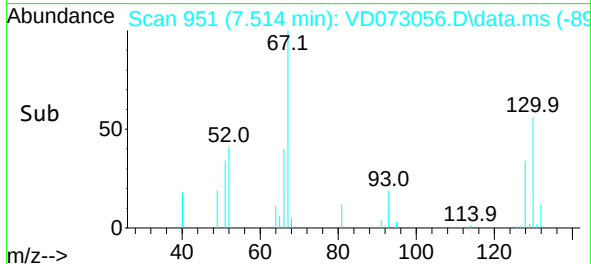
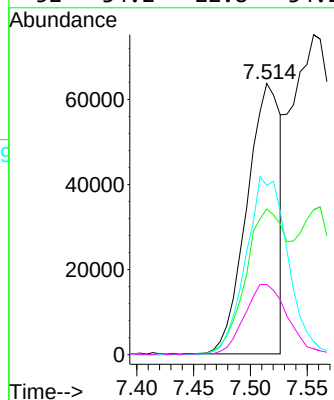
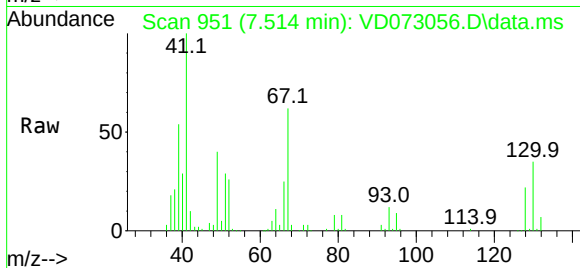




#41
Methacrylonitrile
Concen: 91.145 ug/l
RT: 7.514 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

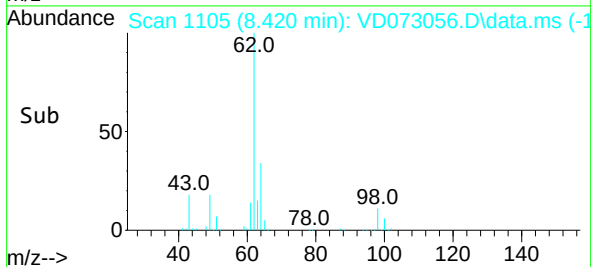
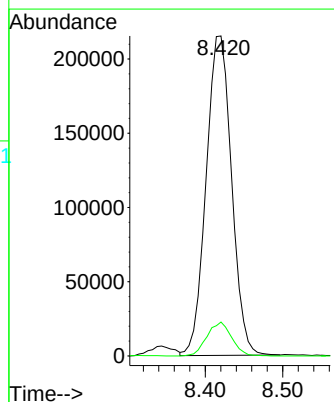
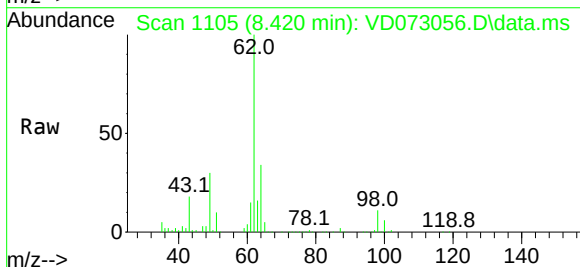
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

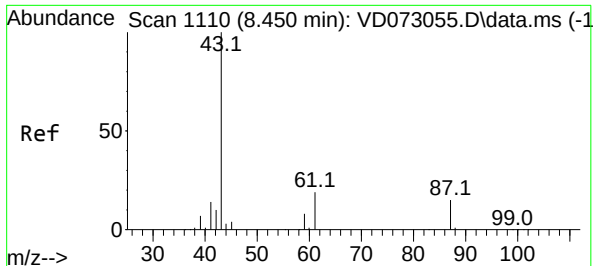
Tgt Ion: 41 Resp: 129978
Ion Ratio Lower Upper
41 100
39 63.4 44.6 67.0
67 82.8 48.2 72.4#
52 34.2 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 105.819 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 62 Resp: 491629
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6

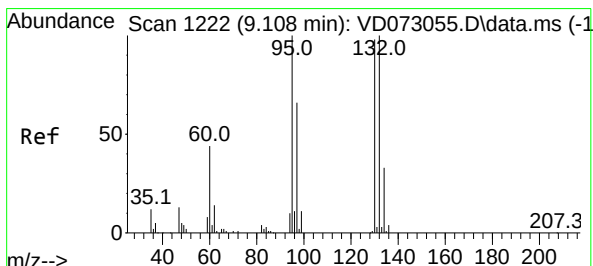
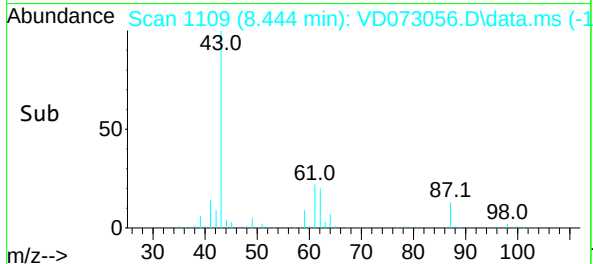
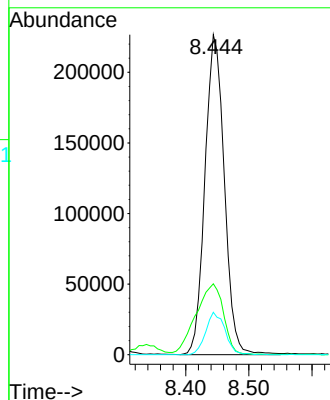
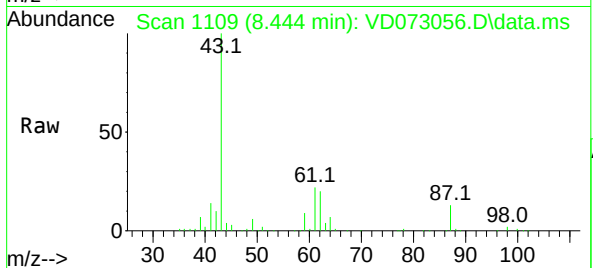




#43
Isopropyl Acetate
Concen: 107.699 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

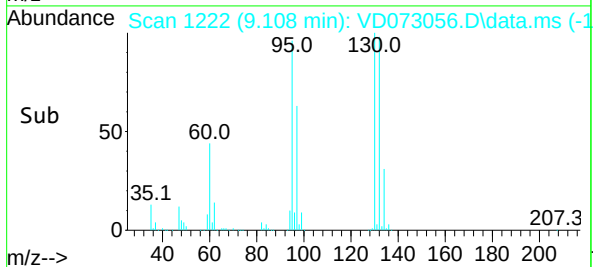
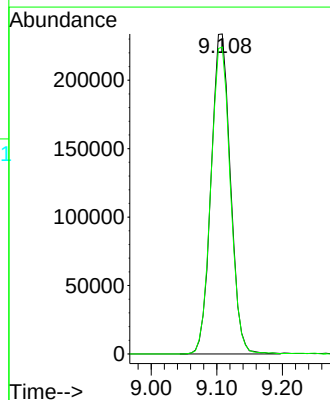
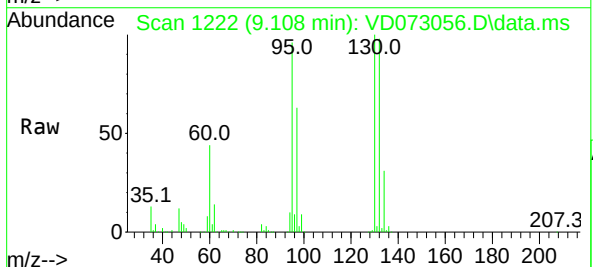
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

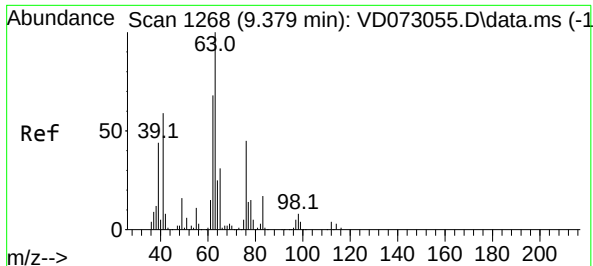
Tgt Ion: 43 Resp: 483172
Ion Ratio Lower Upper
43 100
61 31.4 22.4 33.6
87 13.3 8.7 13.1#



#44
Trichloroethene
Concen: 116.036 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion:130 Resp: 478085
Ion Ratio Lower Upper
130 100
95 95.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 110.494 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

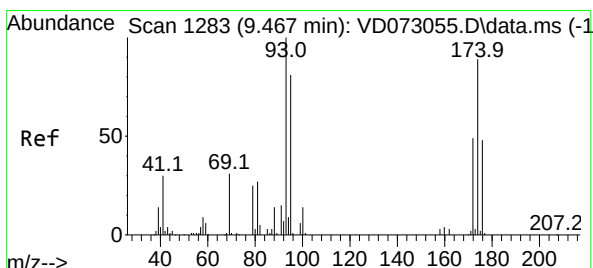
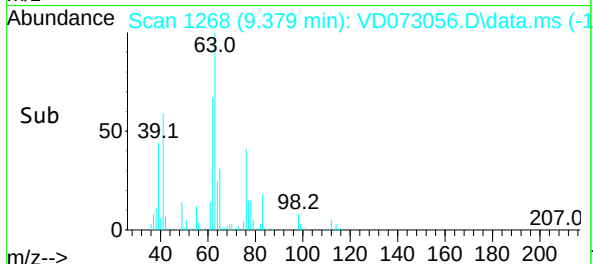
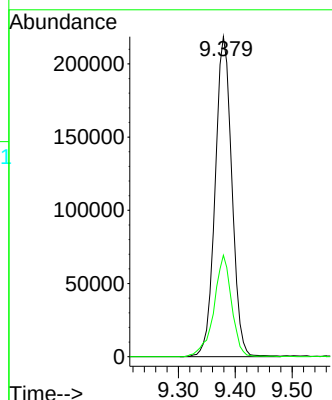
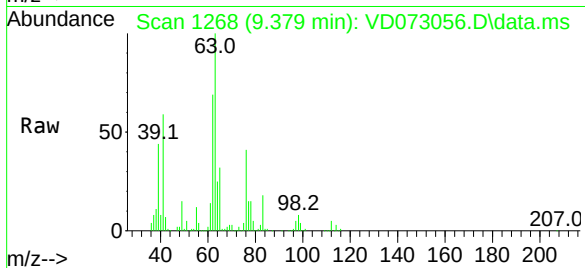
VSTDIC100

Tgt Ion: 63 Resp: 447017

Ion Ratio Lower Upper

63 100

65 31.7 26.2 39.4



#46

Dibromomethane

Concen: 107.696 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

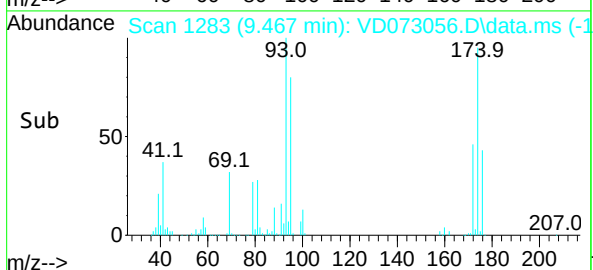
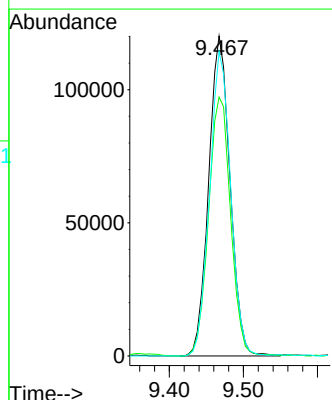
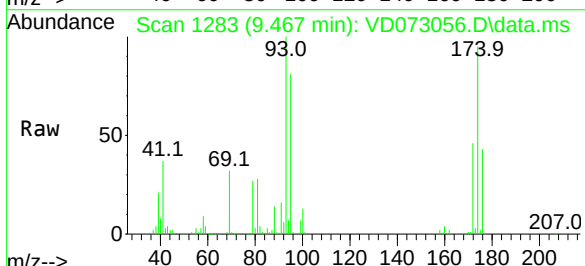
Tgt Ion: 93 Resp: 240960

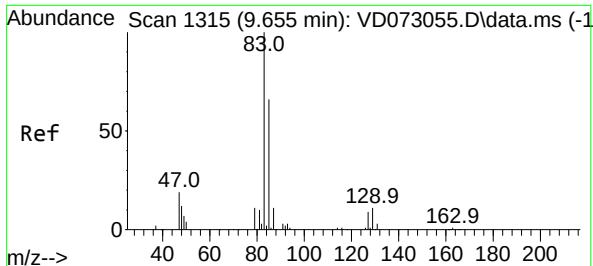
Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

174 93.7 71.6 107.4





#47

Bromodichloromethane

Concen: 107.254 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

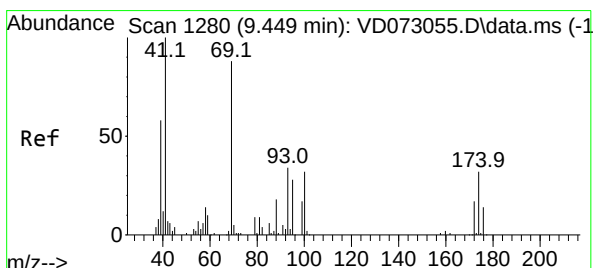
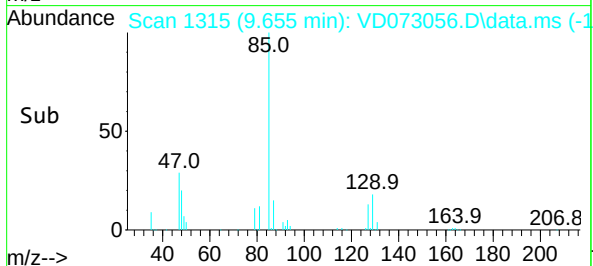
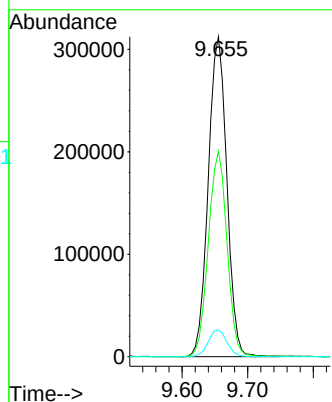
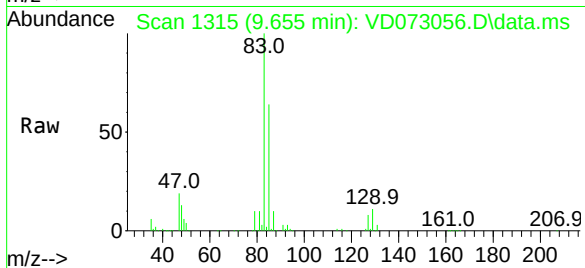
Tgt Ion: 83 Resp: 615351

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

127 8.3 6.1 9.1



#48

Methyl methacrylate

Concen: 114.467 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

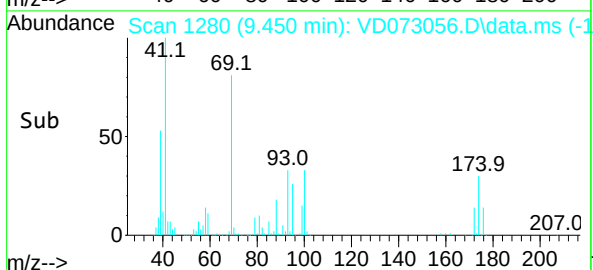
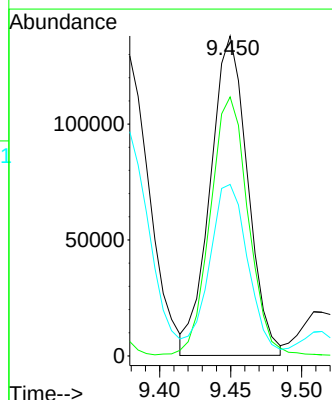
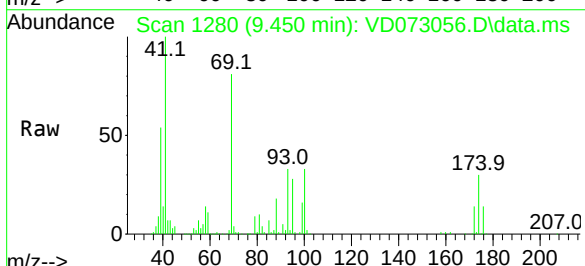
Tgt Ion: 41 Resp: 252466

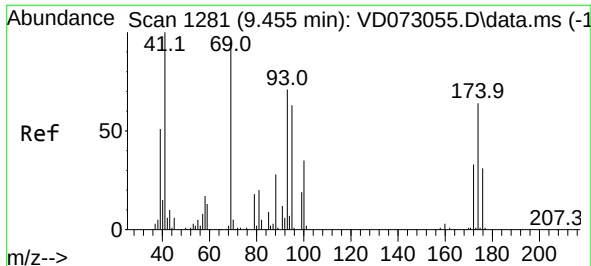
Ion Ratio Lower Upper

41 100

69 82.2 56.7 85.1

39 55.7 42.7 64.1





#49

1,4-Dioxane

Concen: 2054.588 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

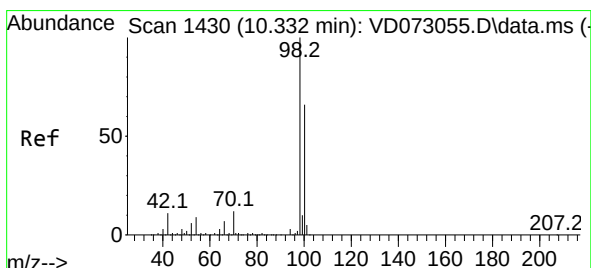
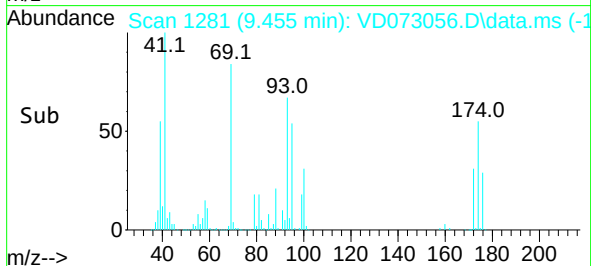
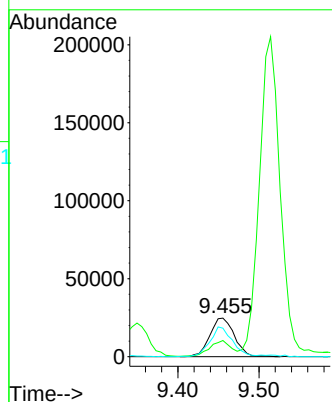
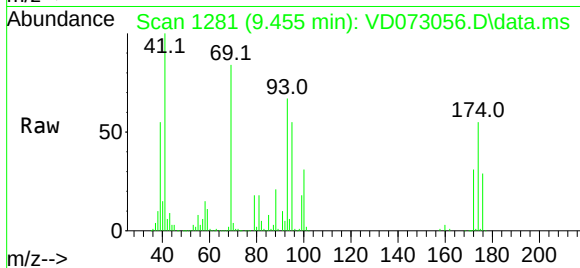
Tgt Ion: 88 Resp: 51850

Ion Ratio Lower Upper

88 100

43 35.8 31.0 46.4

58 71.0 58.1 87.1



#50

Toluene-d8

Concen: 111.476 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073056.D

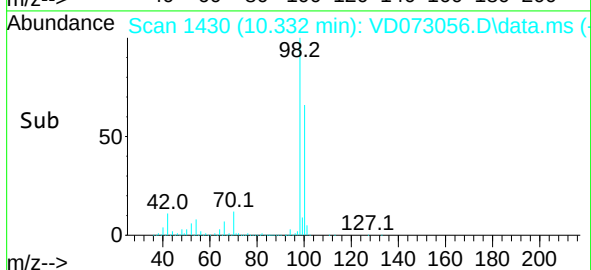
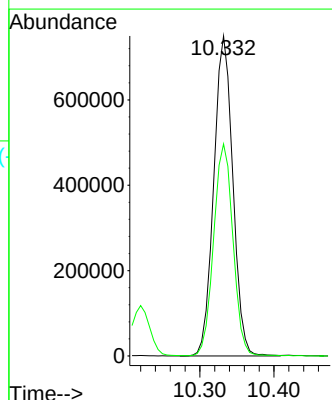
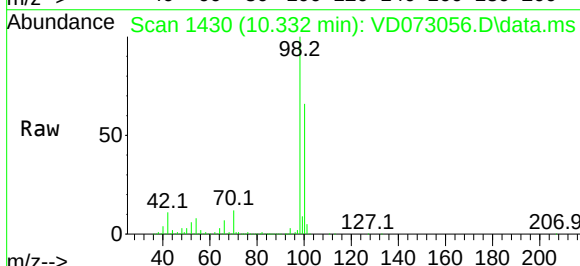
Acq: 17 May 2022 12:11

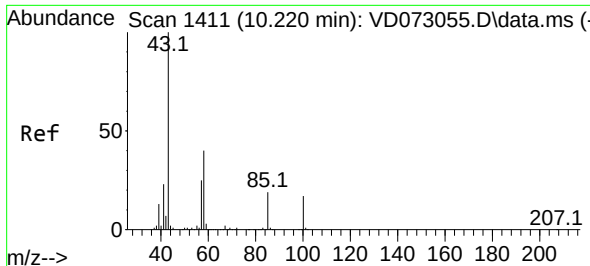
Tgt Ion: 98 Resp: 1340625

Ion Ratio Lower Upper

98 100

100 67.2 52.4 78.6

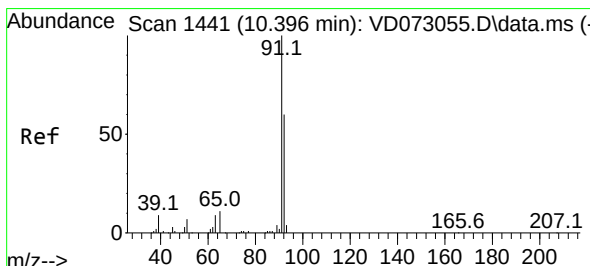
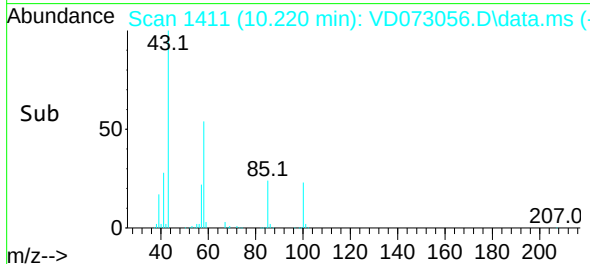
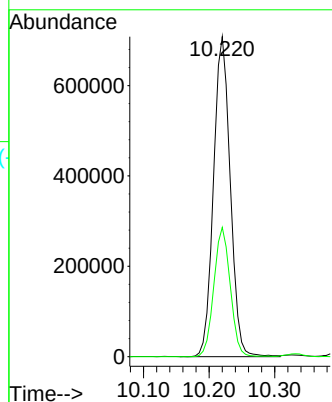
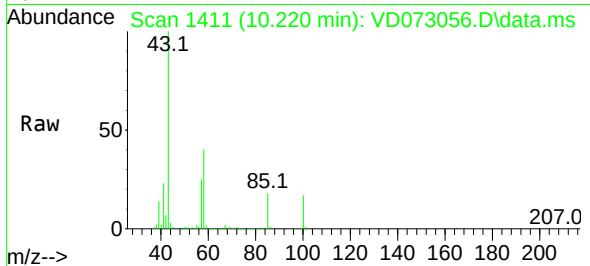




#51
4-Methyl-2-Pentanone
Concen: 537.070 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

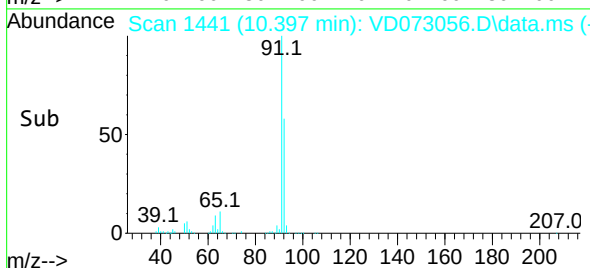
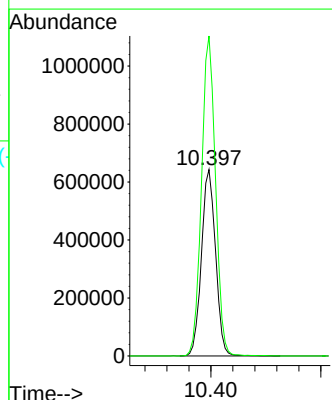
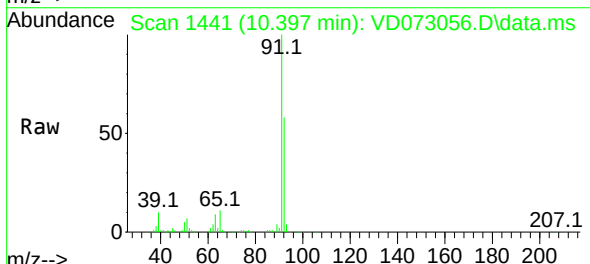
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

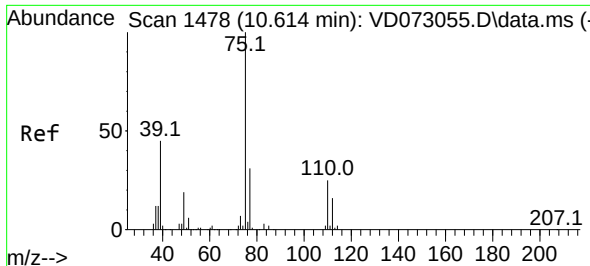
Tgt Ion: 43 Resp: 1256926
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0



#52
Toluene
Concen: 119.065 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 92 Resp: 1147180
Ion Ratio Lower Upper
92 100
91 170.3 139.6 209.4

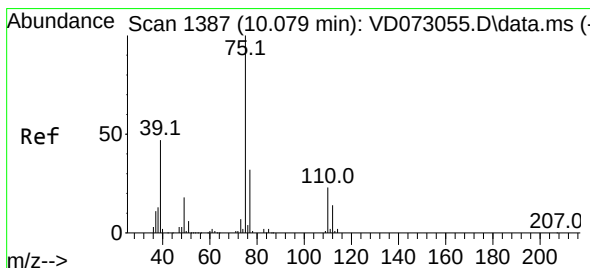
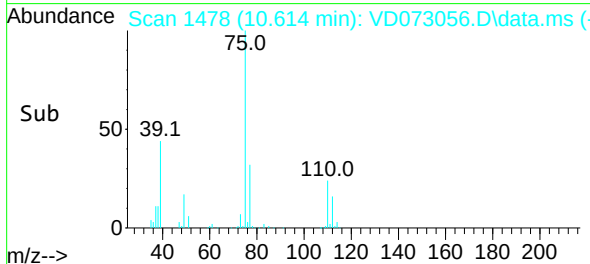
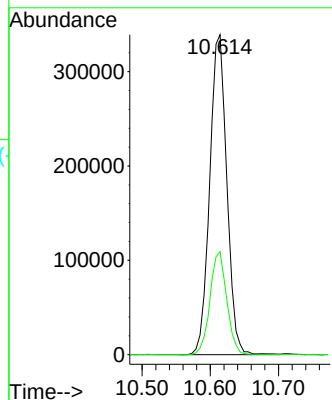
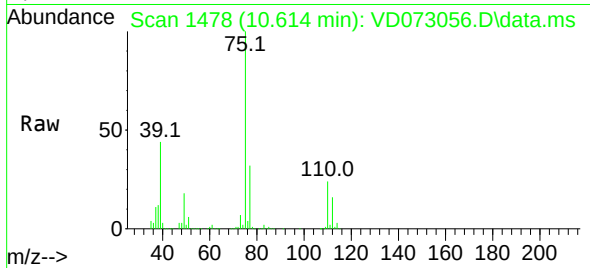




#53
t-1,3-Dichloropropene
Concen: 112.520 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

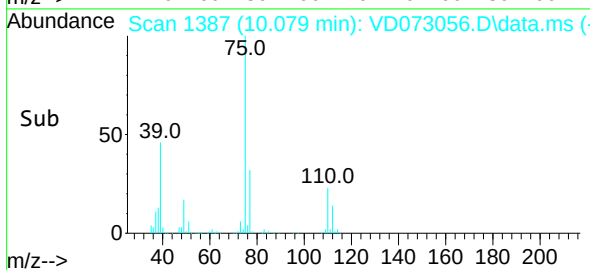
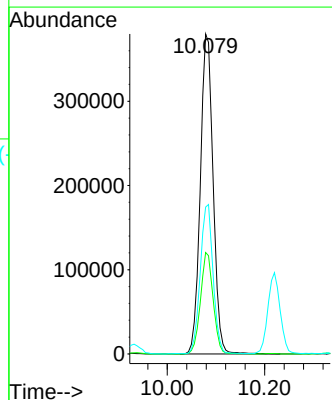
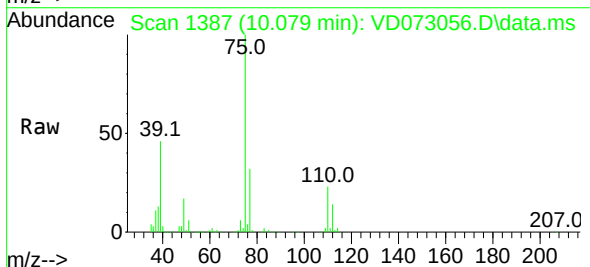
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

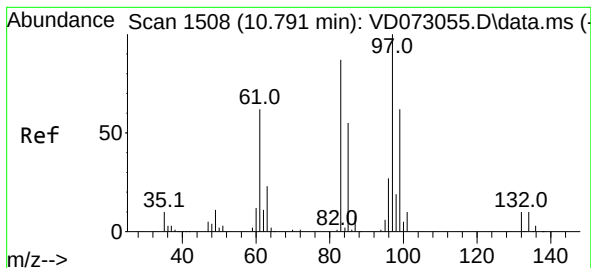
Tgt Ion: 75 Resp: 592341
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 113.120 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 75 Resp: 694649
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 45.8 46.8 70.2#





#55

1,1,2-Trichloroethane

Concen: 108.288 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 327785

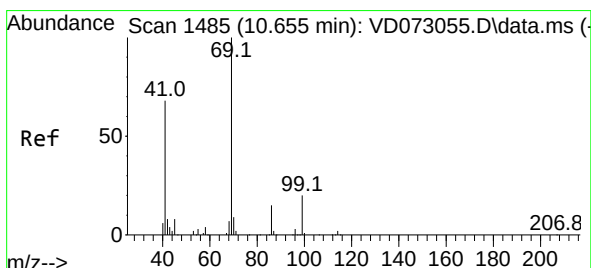
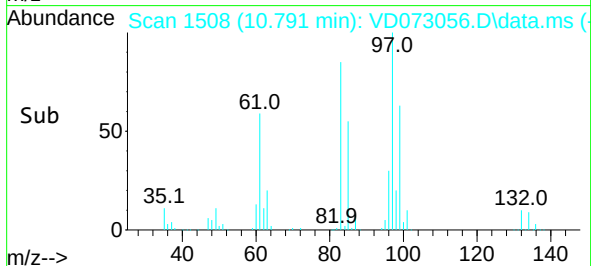
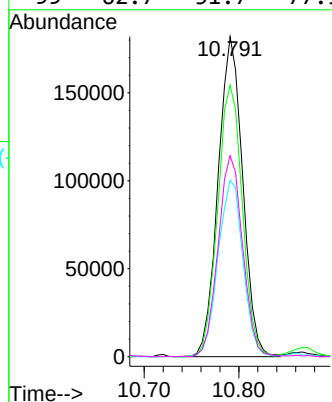
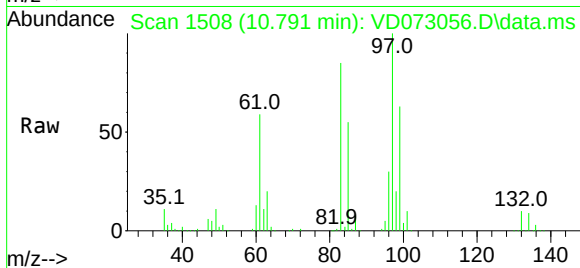
Ion Ratio Lower Upper

97 100

83 84.9 69.0 103.4

85 55.1 42.6 63.8

99 62.7 51.7 77.5



#56

Ethyl methacrylate

Concen: 118.781 ug/l

RT: 10.649 min Scan# 1484

Delta R.T. -0.006 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

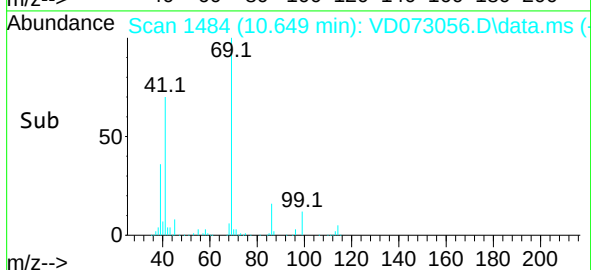
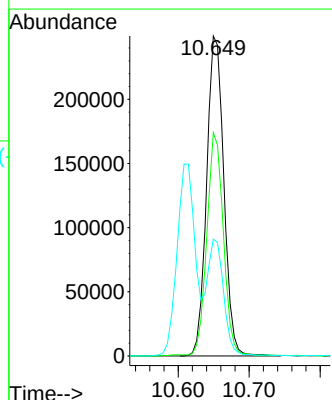
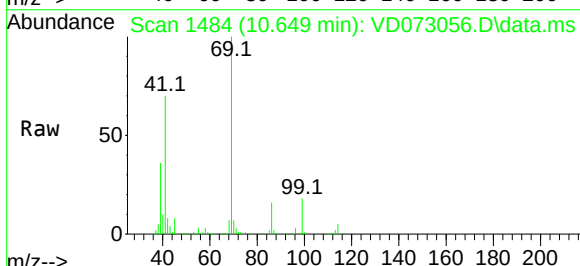
Tgt Ion: 69 Resp: 420098

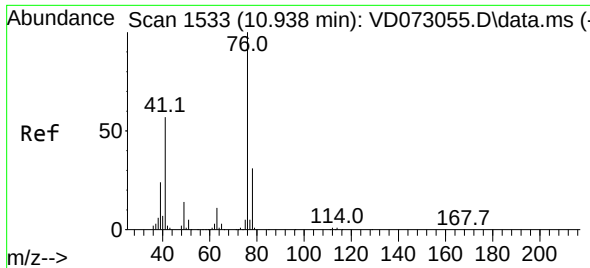
Ion Ratio Lower Upper

69 100

41 67.7 63.0 94.6

39 35.9 33.8 50.8

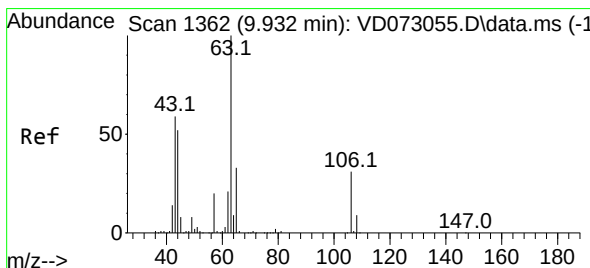
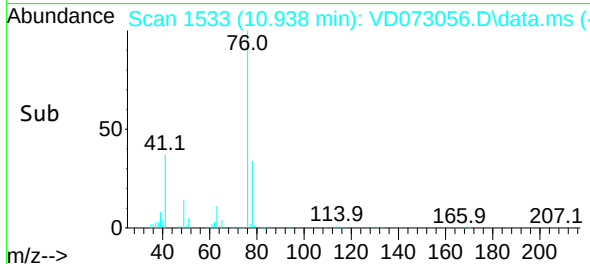
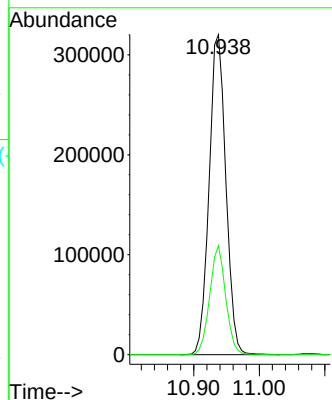
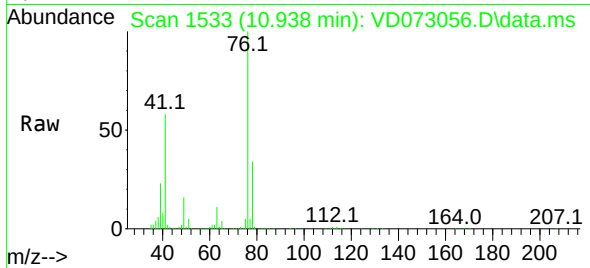




#57
1,3-Dichloropropane
Concen: 109.258 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

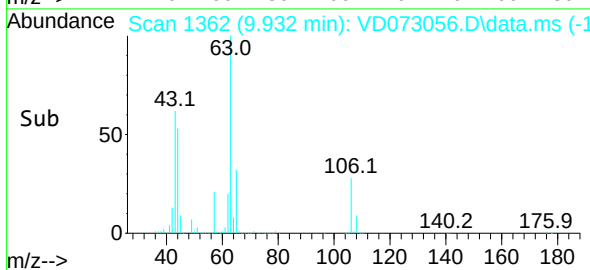
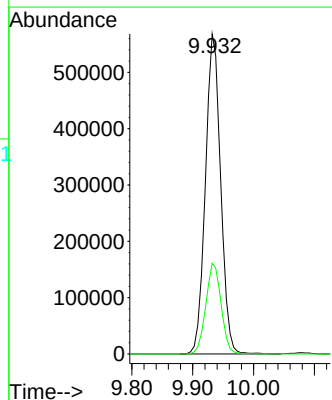
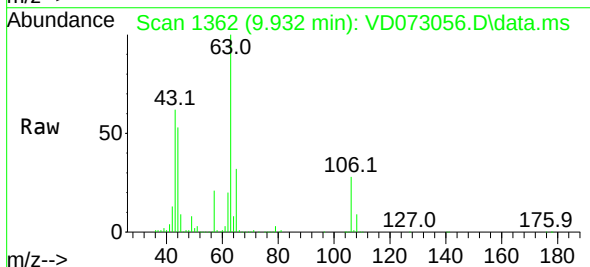
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

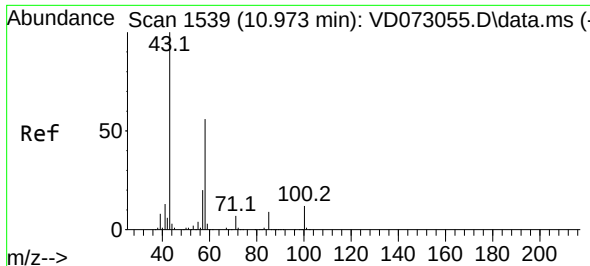
Tgt Ion: 76 Resp: 568552
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 580.303 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 63 Resp: 988120
Ion Ratio Lower Upper
63 100
106 28.4 21.4 32.0

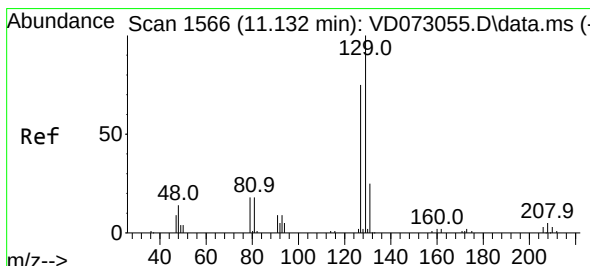
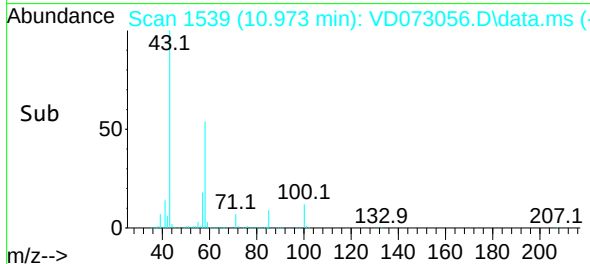
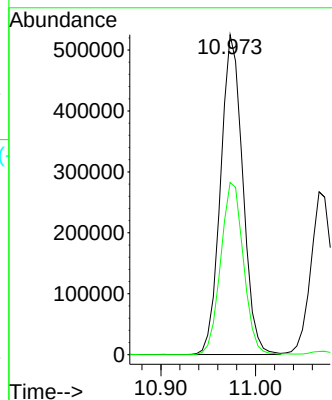
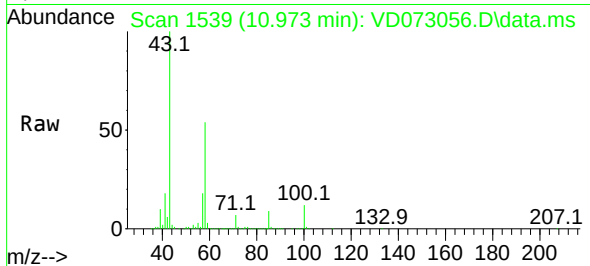




#59
2-Hexanone
Concen: 549.219 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

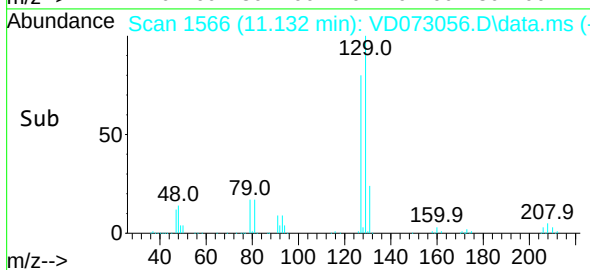
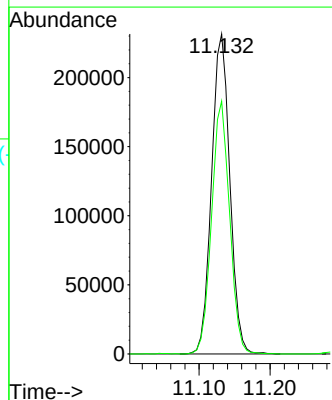
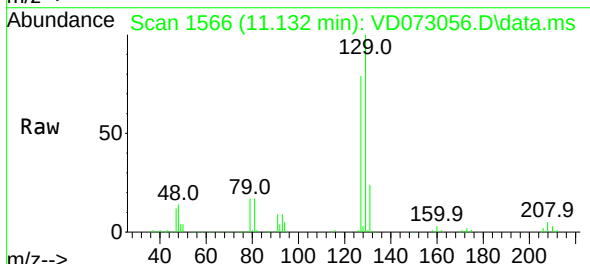
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

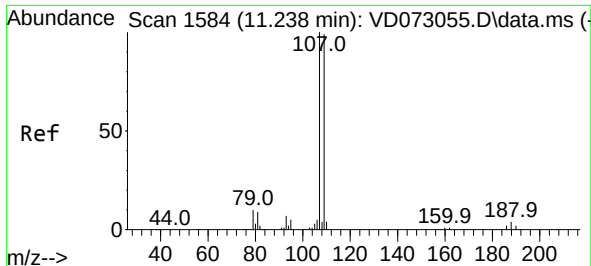
Tgt Ion: 43 Resp: 854625
Ion Ratio Lower Upper
43 100
58 55.2 25.3 75.9



#60
Dibromochloromethane
Concen: 108.221 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion:129 Resp: 412564
Ion Ratio Lower Upper
129 100
127 78.1 39.2 117.6

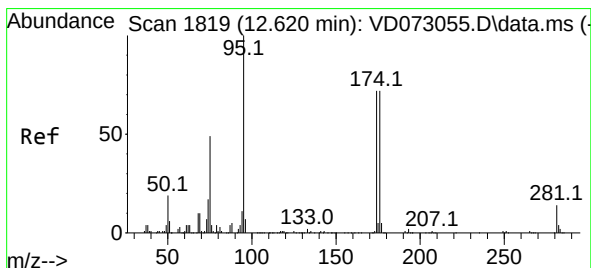
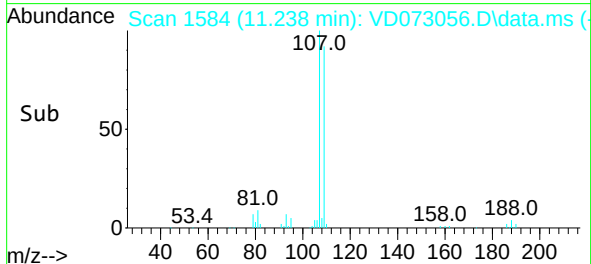
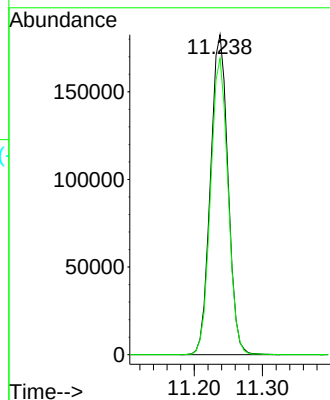
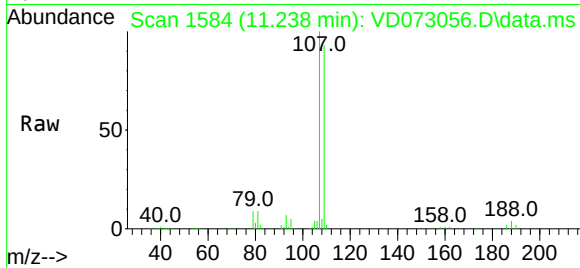




#61
1,2-Dibromoethane
Concen: 111.293 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

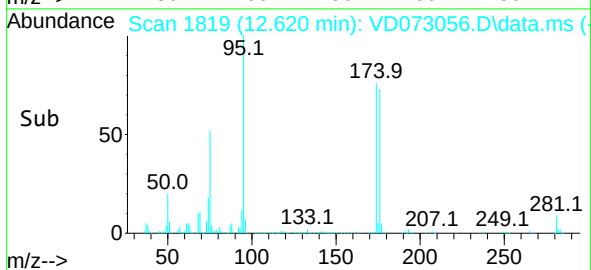
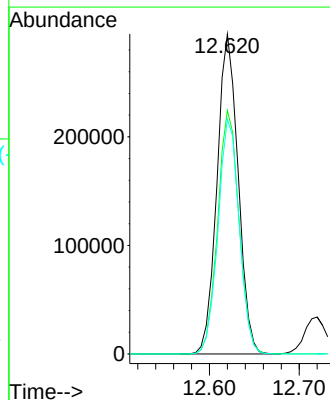
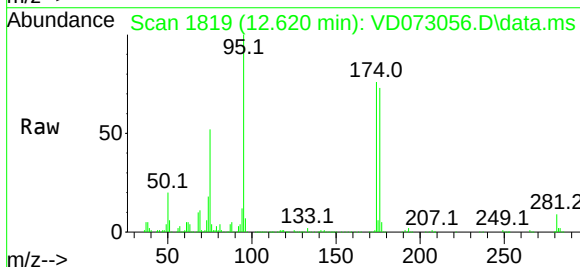
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

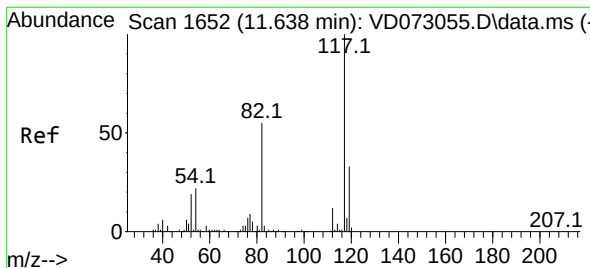
Tgt Ion:107 Resp: 326432
Ion Ratio Lower Upper
107 100
109 92.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 108.202 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 95 Resp: 481500
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.5 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

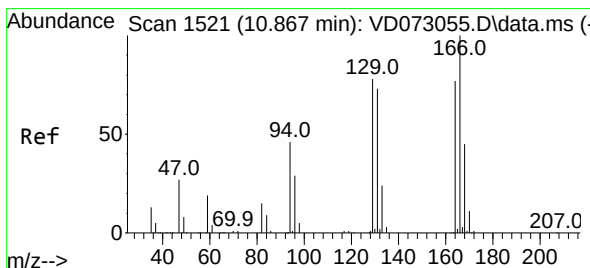
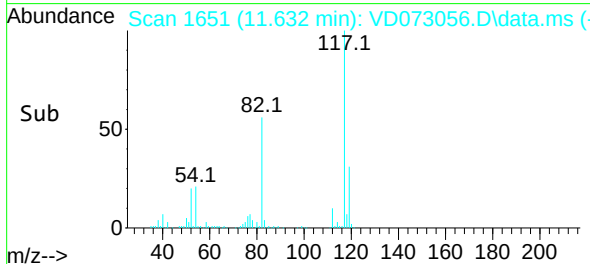
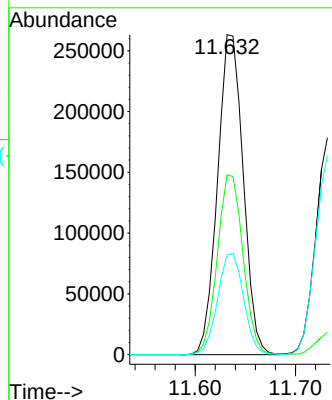
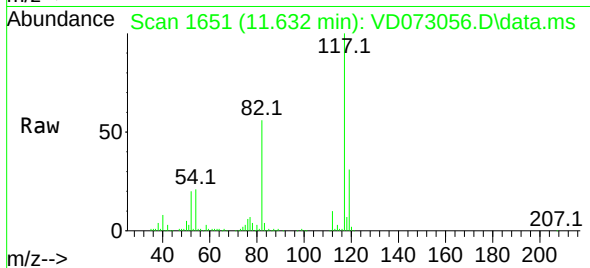
Tgt Ion:117 Resp: 467544

Ion Ratio Lower Upper

117 100

82 56.2 45.3 67.9

119 31.3 26.6 40.0



#64

Tetrachloroethene

Concen: 113.654 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Tgt Ion:164 Resp: 385252

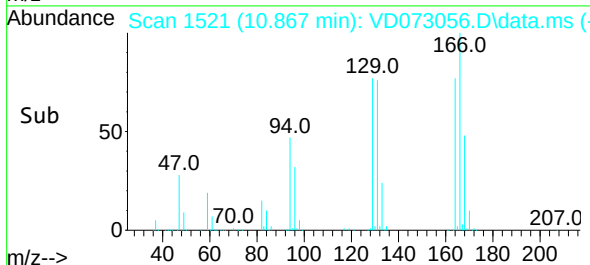
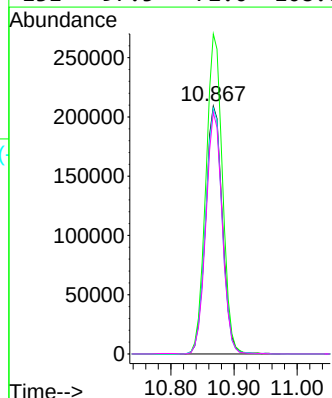
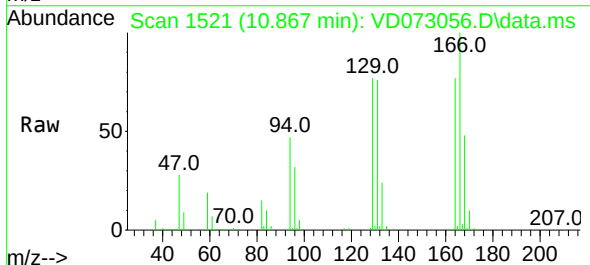
Ion Ratio Lower Upper

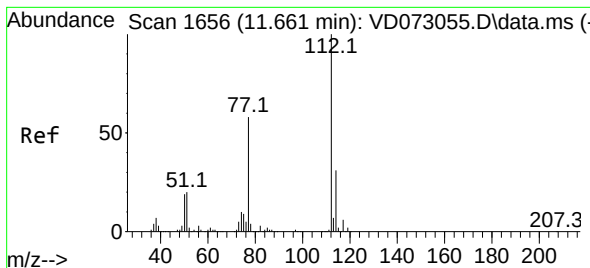
164 100

166 129.1 98.5 147.7

129 99.1 74.6 111.8

131 97.5 72.0 108.0

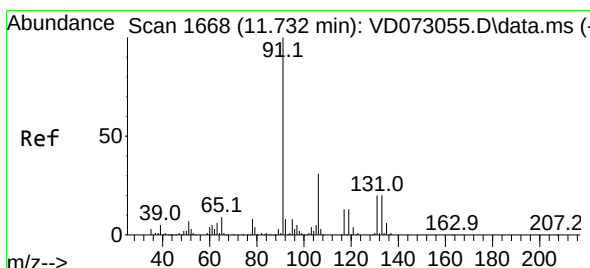
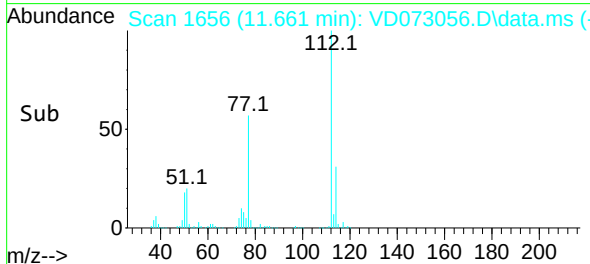
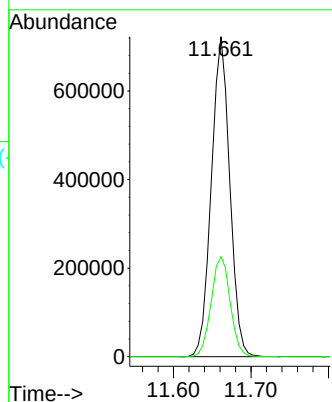
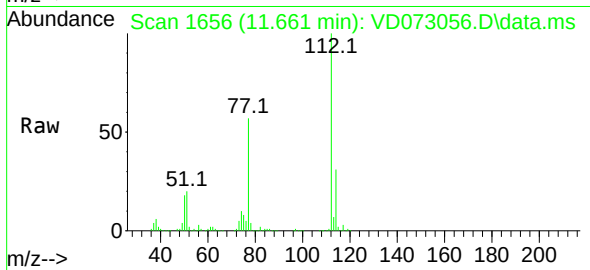




#65
Chlorobenzene
Concen: 111.687 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

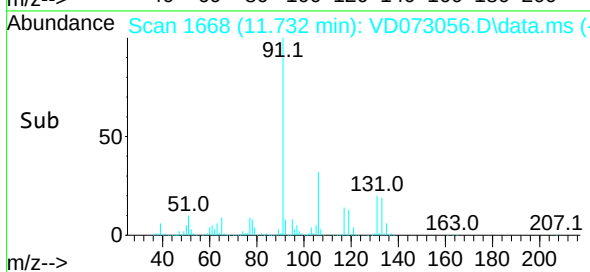
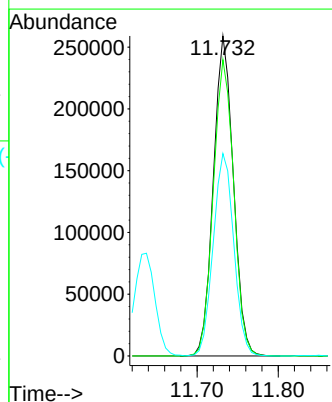
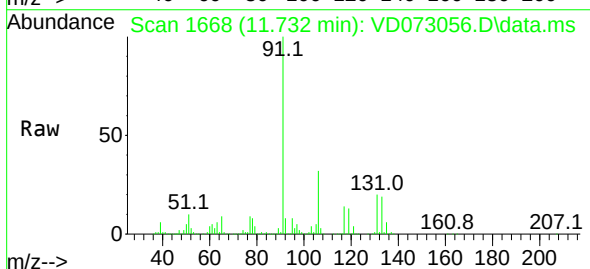
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

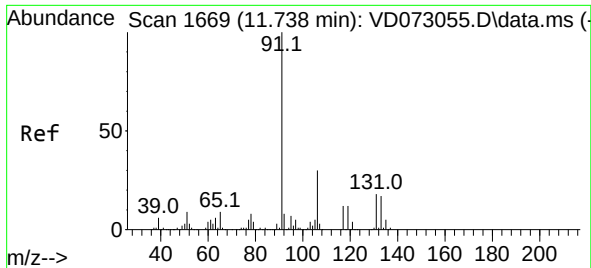
Tgt Ion:112 Resp: 1194111
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 110.391 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion:131 Resp: 442826
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.3
119 65.2 31.9 95.9

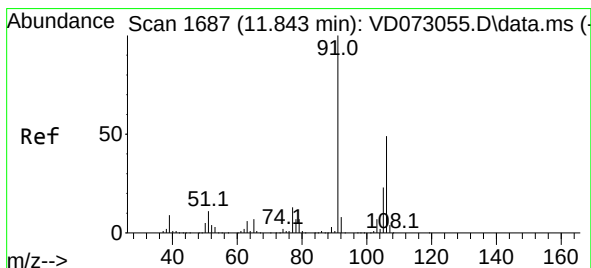
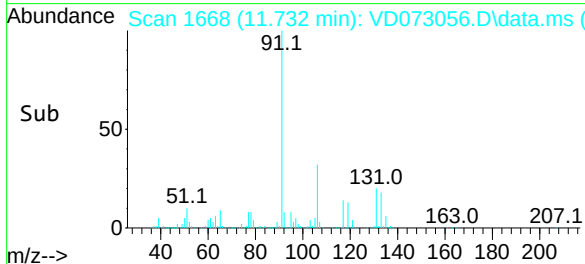
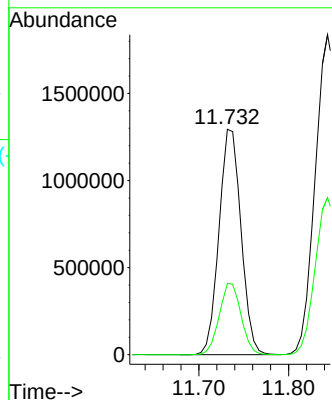
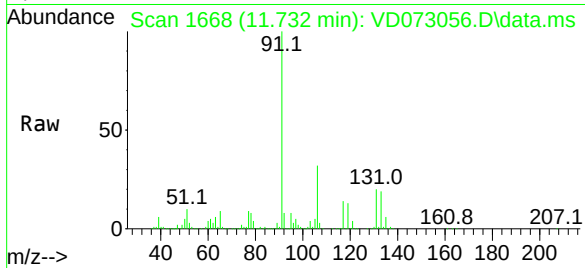




#67
Ethyl Benzene
Concen: 119.119 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

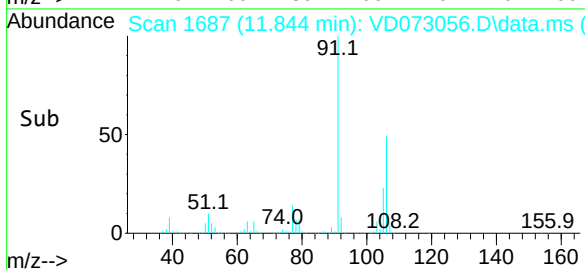
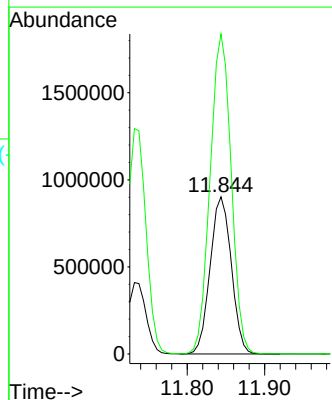
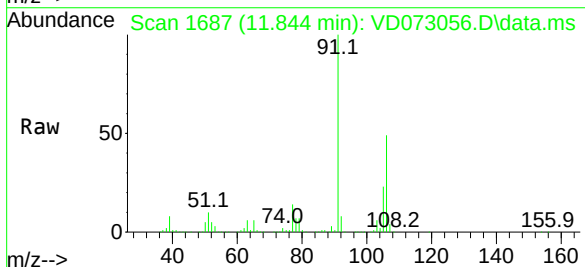
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

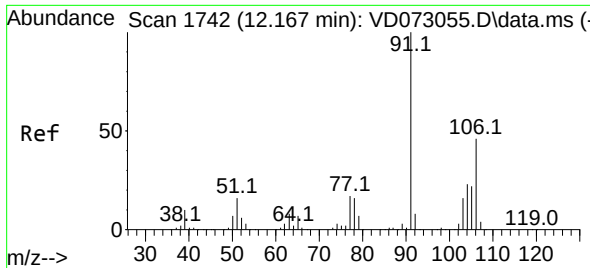
Tgt Ion: 91 Resp: 2206316
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4



#68
m/p-Xylenes
Concen: 240.453 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 106 Resp: 1711156
Ion Ratio Lower Upper
106 100
91 202.8 163.7 245.5

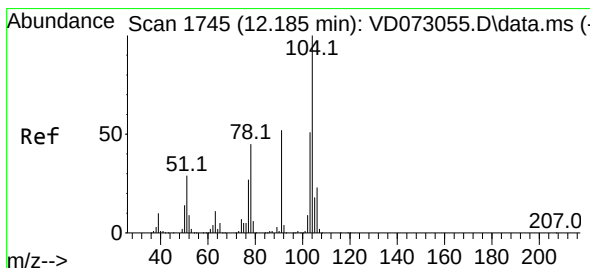
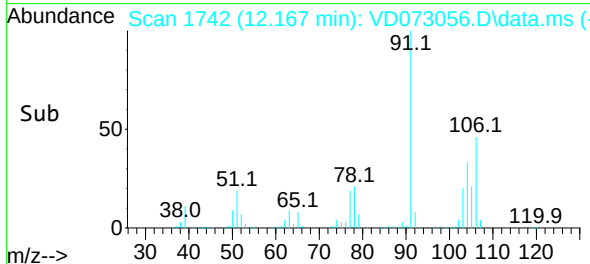
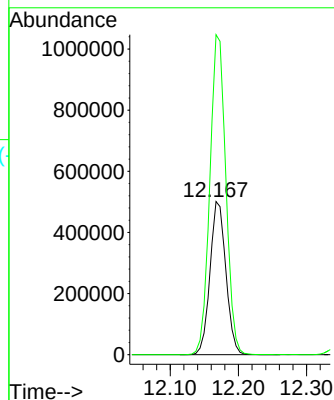
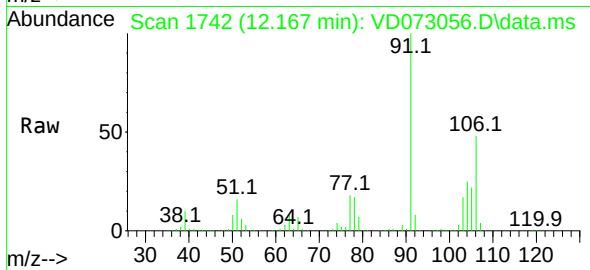




#69
o-Xylene
Concen: 121.878 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

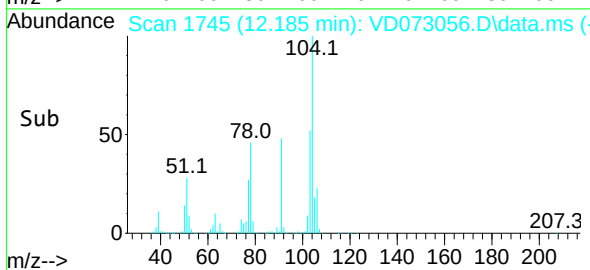
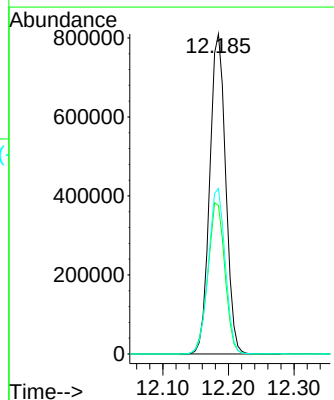
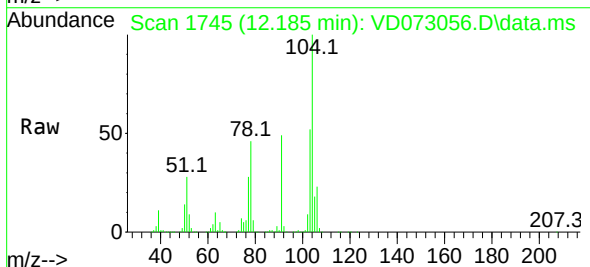
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

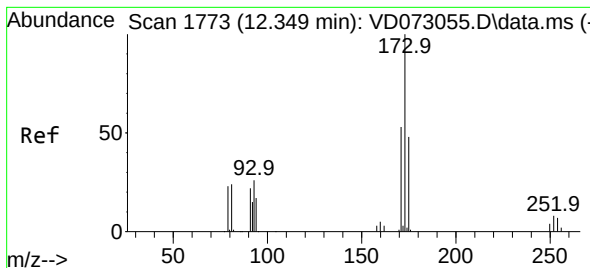
Tgt Ion:106 Resp: 810158
Ion Ratio Lower Upper
106 100
91 210.8 110.4 331.2



#70
Styrene
Concen: 118.680 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion:104 Resp: 1372135
Ion Ratio Lower Upper
104 100
78 50.2 41.8 62.8
103 54.5 44.2 66.4





#71

Bromoform

Concen: 107.768 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

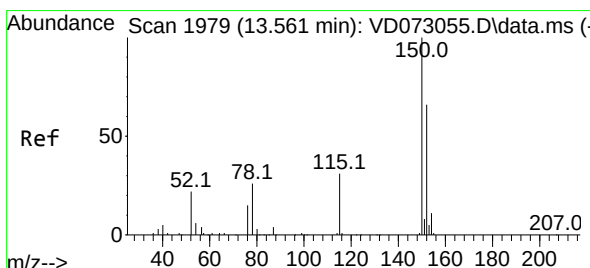
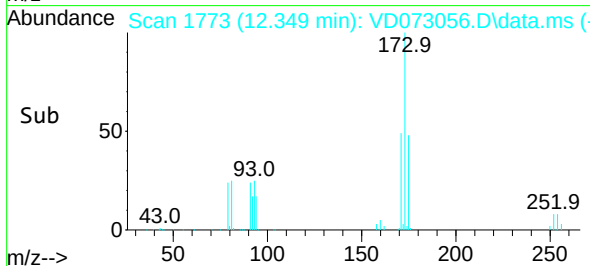
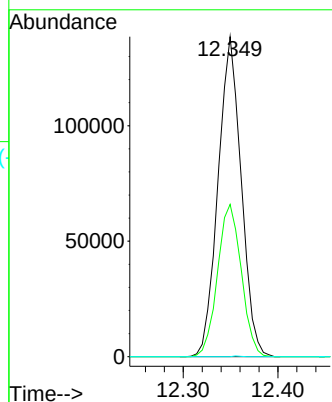
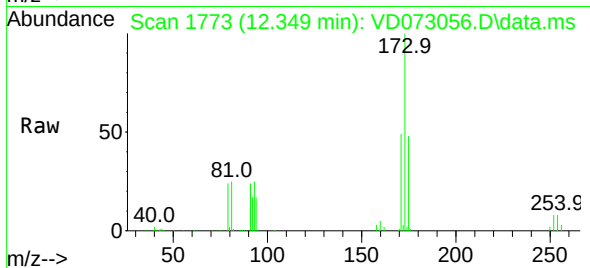
Tgt Ion:173 Resp: 235465

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

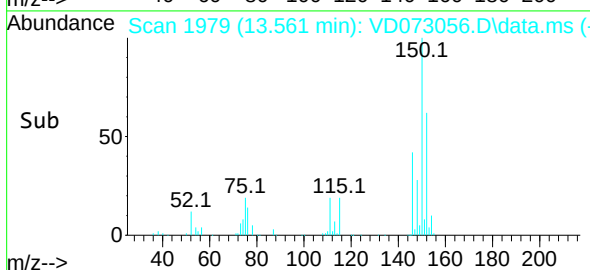
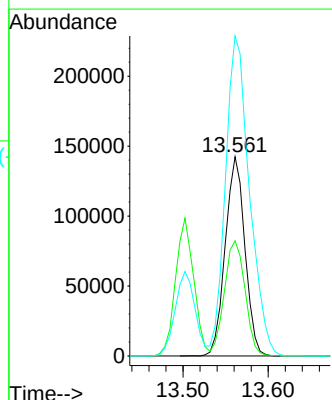
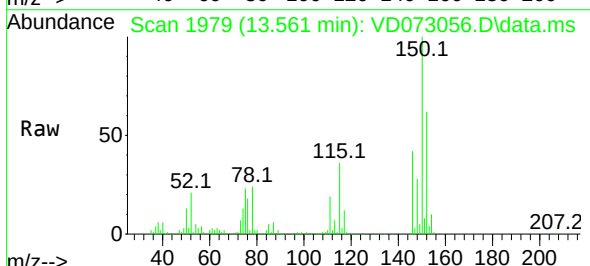
Tgt Ion:152 Resp: 228168

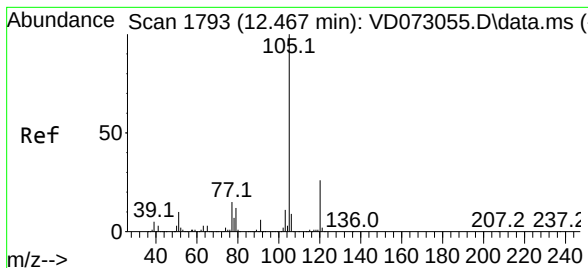
Ion Ratio Lower Upper

152 100

115 60.9 31.3 93.8

150 196.7 0.0 348.6





#73

Isopropylbenzene

Concen: 122.284 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

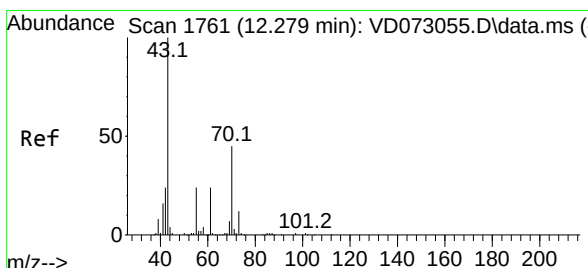
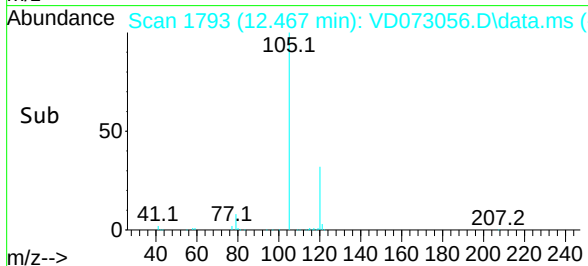
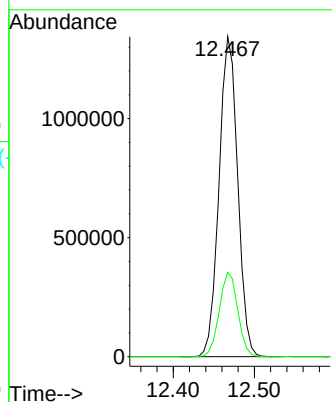
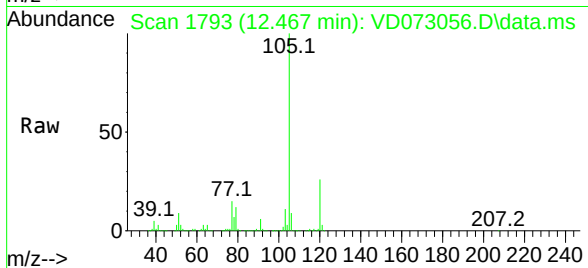
VSTDIC100

Tgt Ion:105 Resp: 2146527

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 110.383 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Tgt Ion: 43 Resp: 480583

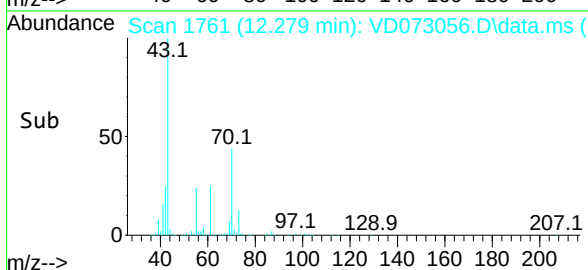
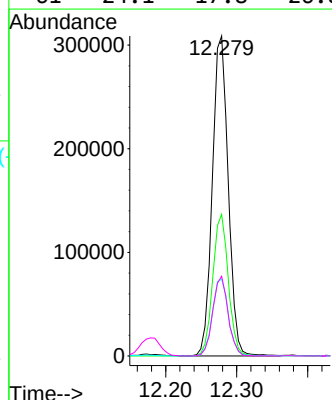
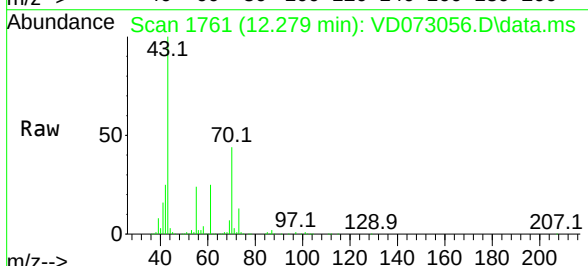
Ion Ratio Lower Upper

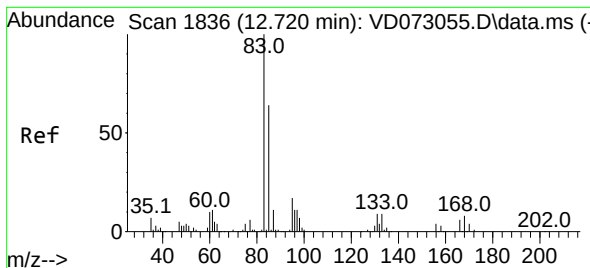
43 100

70 43.4 31.3 46.9

55 24.4 20.0 30.0

61 24.1 17.8 26.8

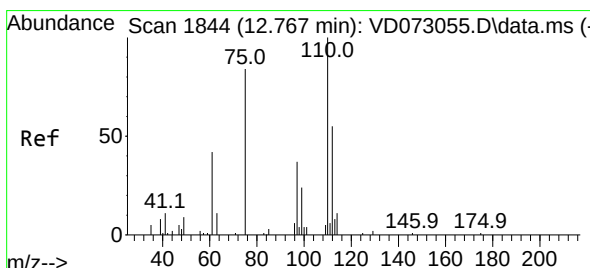
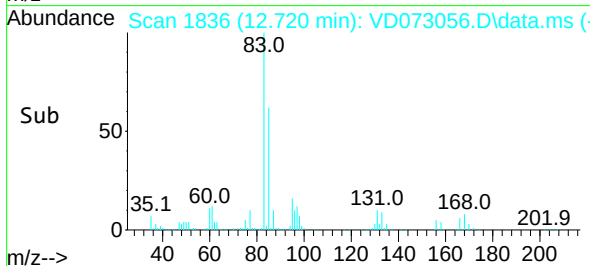
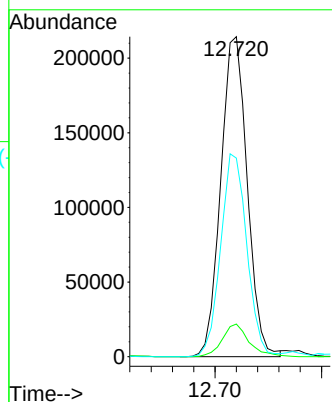
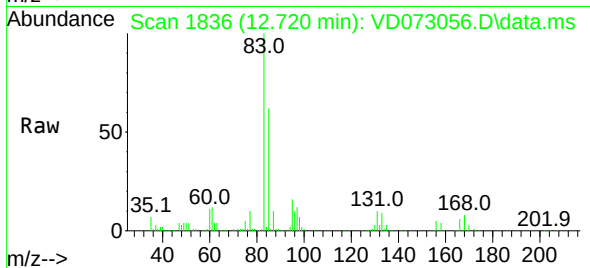




#75
1,1,2-Tetrachloroethane
Concen: 103.660 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

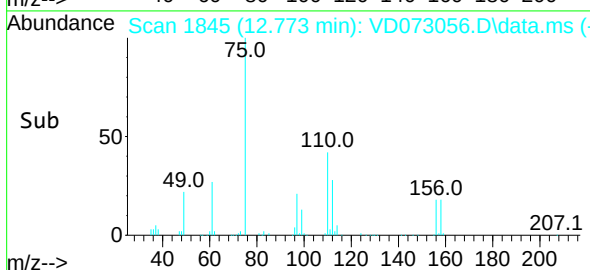
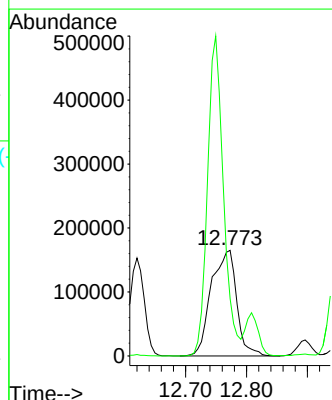
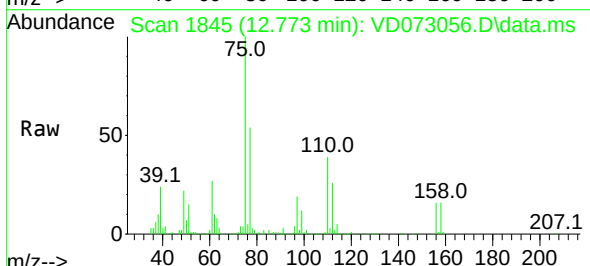
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

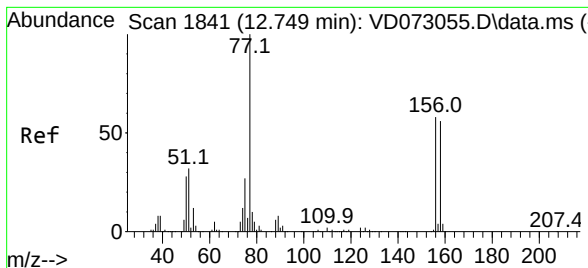
Tgt Ion: 83 Resp: 369658
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 62.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 190.760 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 75 Resp: 479571
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 111.896 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

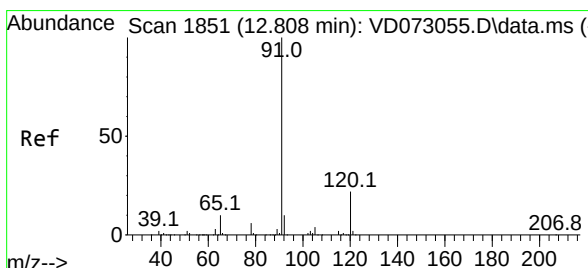
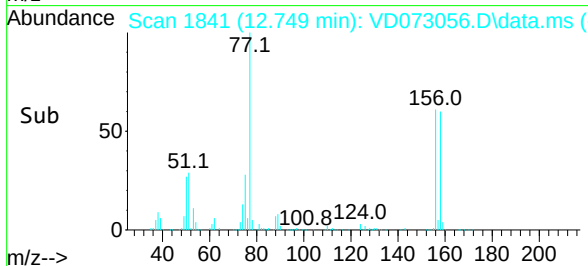
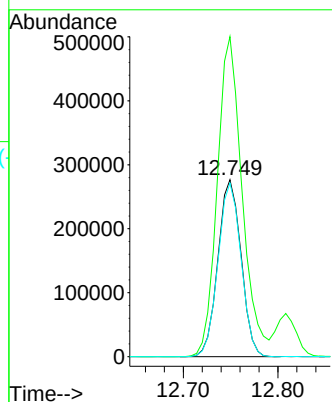
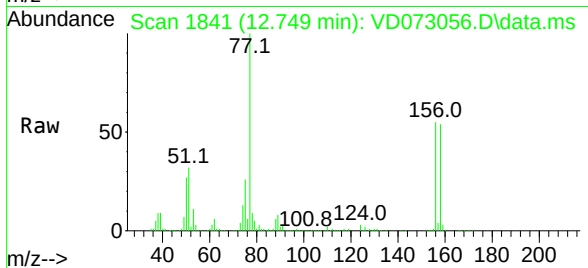
Tgt Ion:156 Resp: 468871

Ion Ratio Lower Upper

156 100

77 195.2 102.8 308.3

158 97.8 48.7 146.1



#78

n-propylbenzene

Concen: 119.609 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073056.D

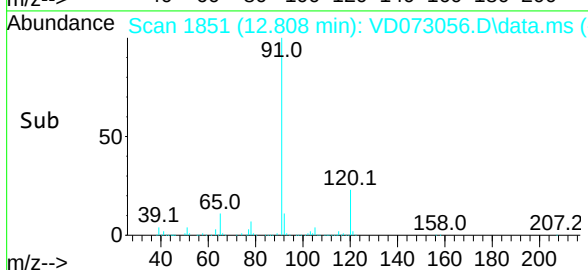
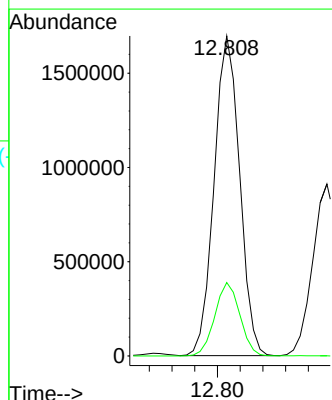
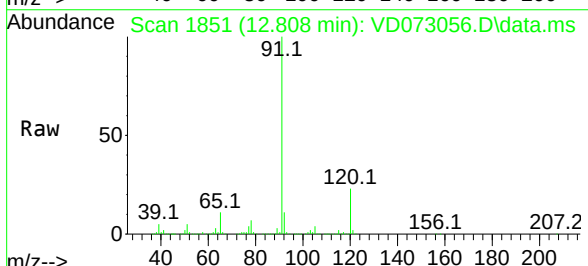
Acq: 17 May 2022 12:11

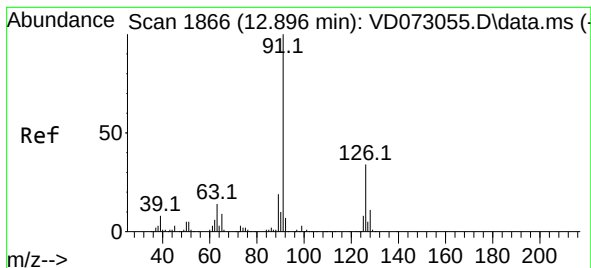
Tgt Ion: 91 Resp: 2644644

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.9





#79

2-Chlorotoluene

Concen: 114.922 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

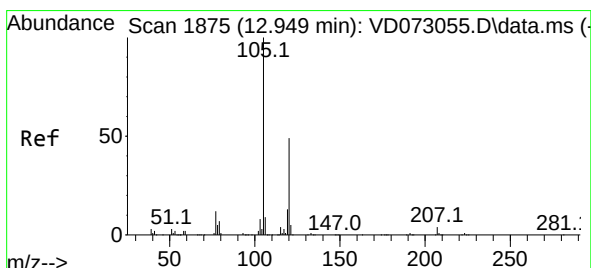
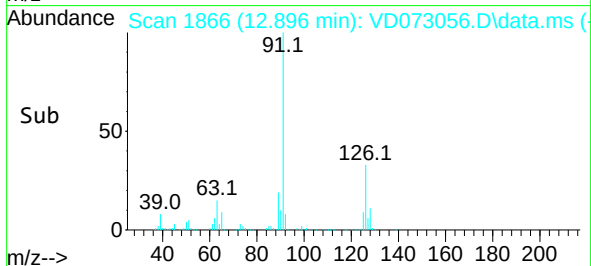
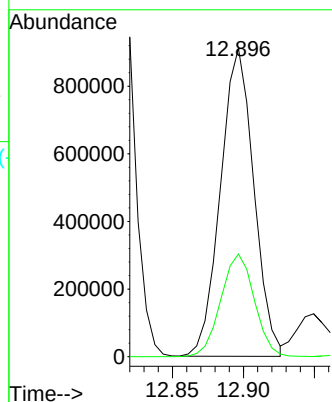
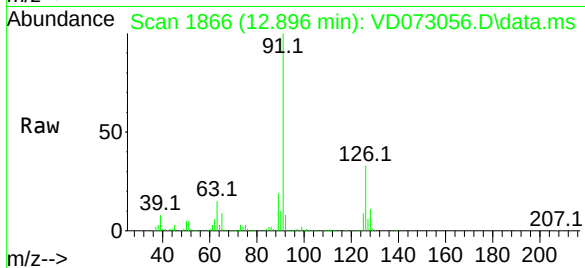
VSTDIC100

Tgt Ion: 91 Resp: 1489429

Ion Ratio Lower Upper

91 100

126 33.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 120.996 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073056.D

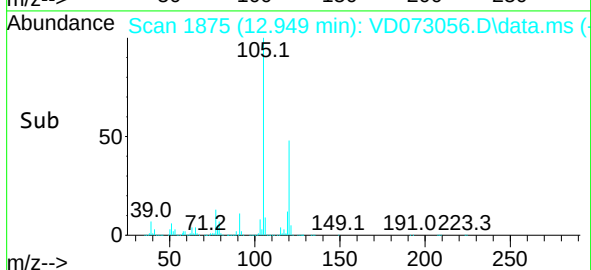
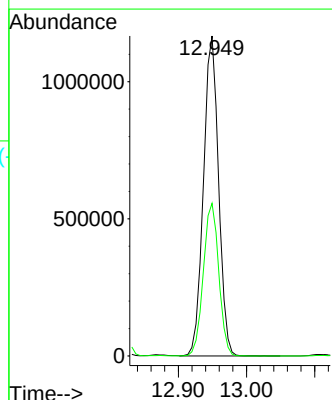
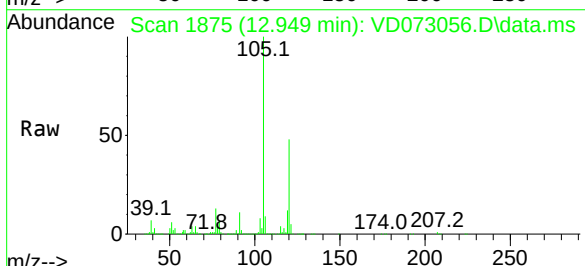
Acq: 17 May 2022 12:11

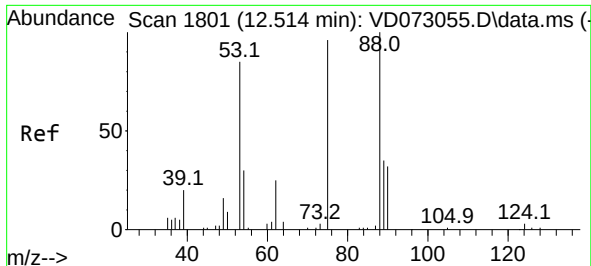
Tgt Ion: 105 Resp: 1799093

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

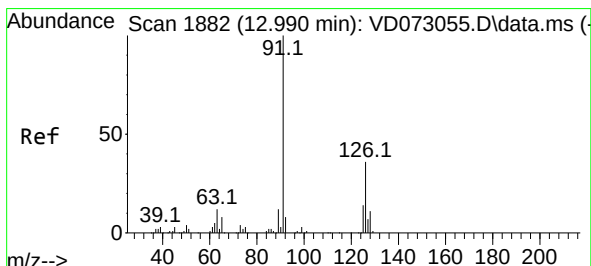
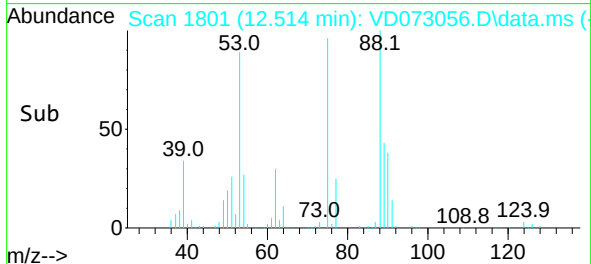
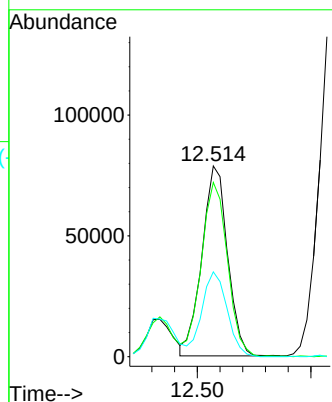
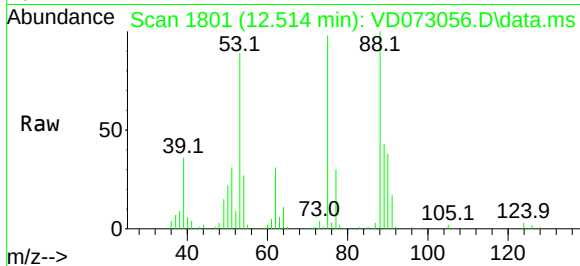




#81
trans-1,4-Dichloro-2-butene
Concen: 112.246 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

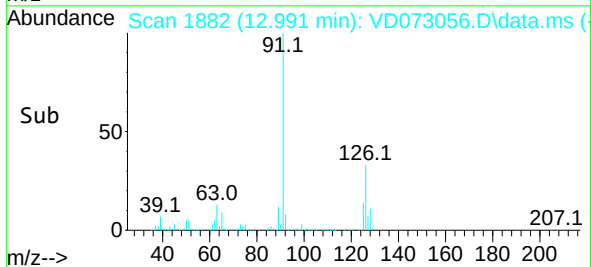
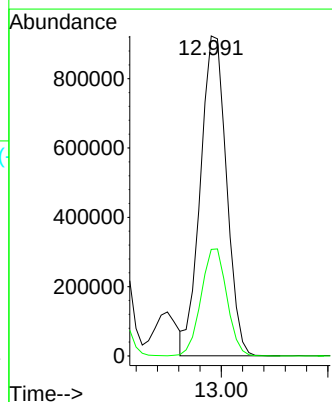
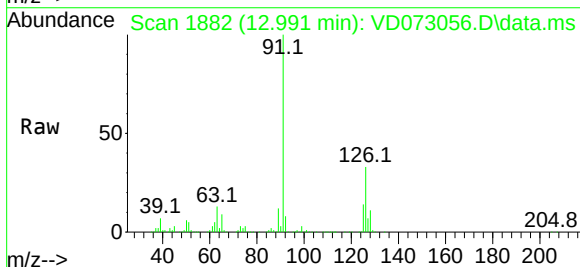
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

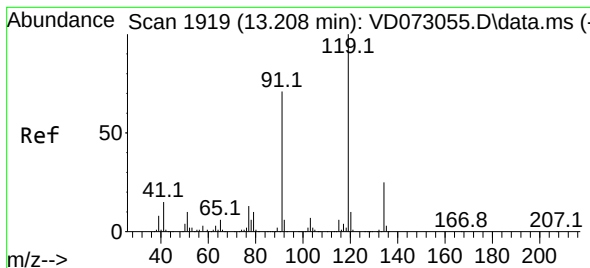
Tgt Ion: 75 Resp: 123147
Ion Ratio Lower Upper
75 100
53 94.5 86.5 129.7
89 43.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 115.749 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 91 Resp: 1566317
Ion Ratio Lower Upper
91 100
126 33.3 16.5 49.5





#83

tert-Butylbenzene

Concen: 123.593 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

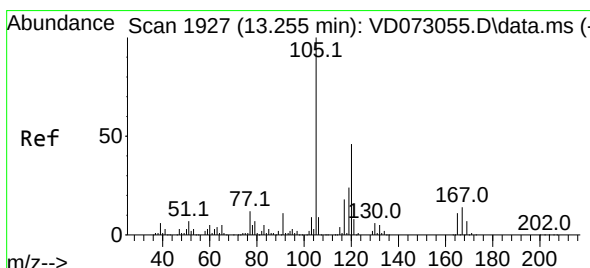
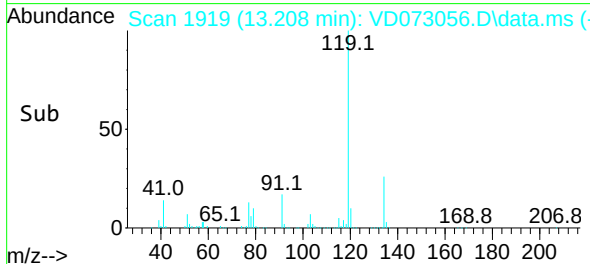
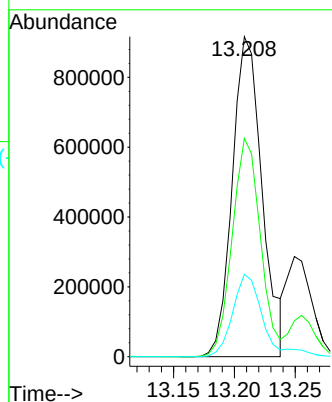
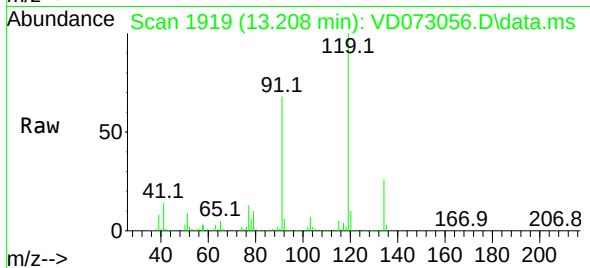
Tgt Ion:119 Resp: 1561801

Ion Ratio Lower Upper

119 100

91 64.8 34.8 104.5

134 26.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 117.979 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073056.D

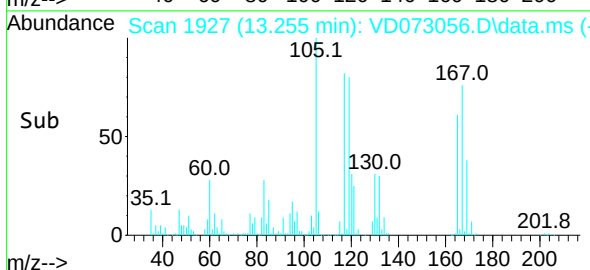
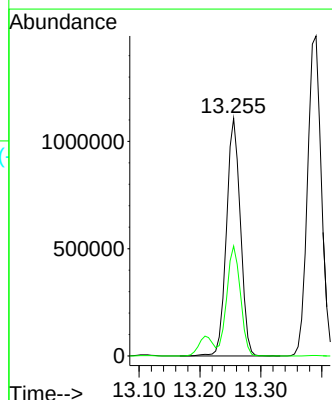
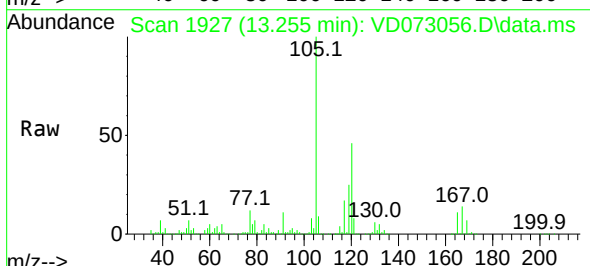
Acq: 17 May 2022 12:11

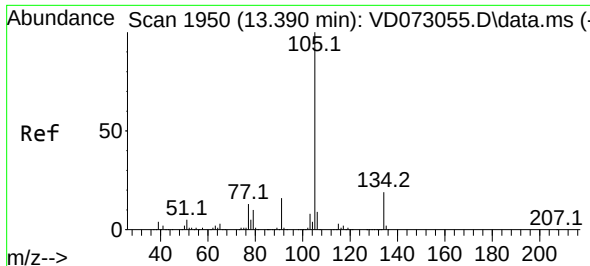
Tgt Ion:105 Resp: 1757744

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.8

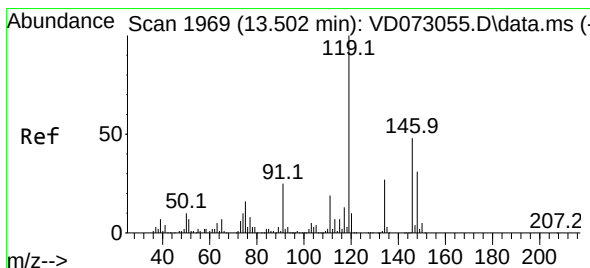
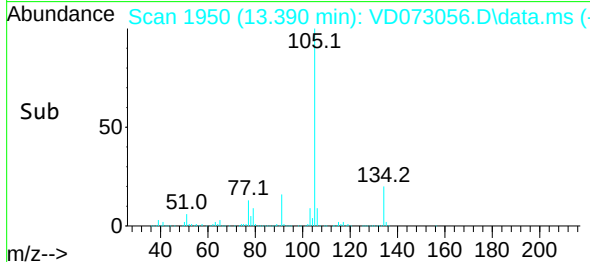
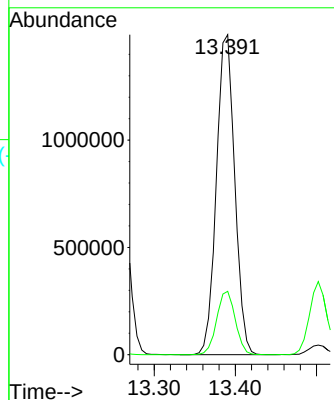
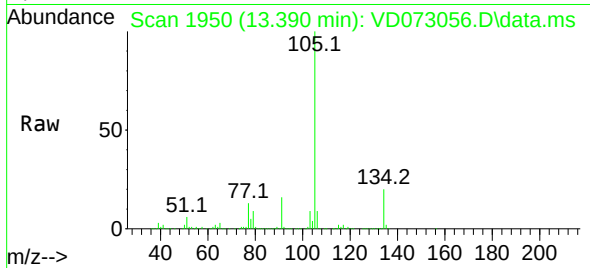




#85
 sec-Butylbenzene
 Concen: 122.970 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD073056.D
 Acq: 17 May 2022 12:11

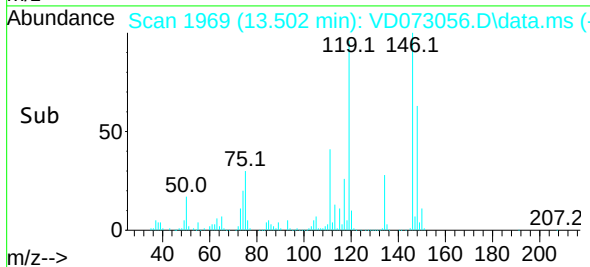
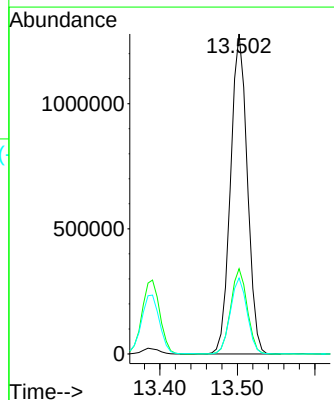
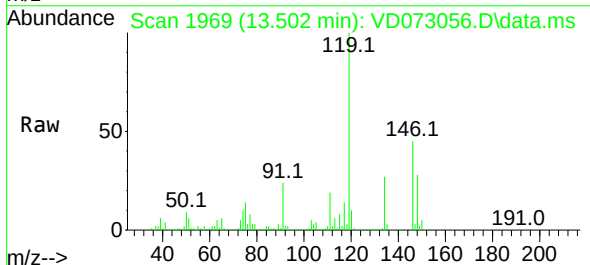
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

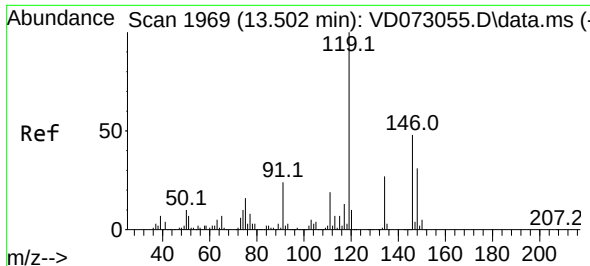
Tgt Ion:105 Resp: 2342481
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 123.294 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073056.D
 Acq: 17 May 2022 12:11

Tgt Ion:119 Resp: 1927986
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.7 12.1 36.3

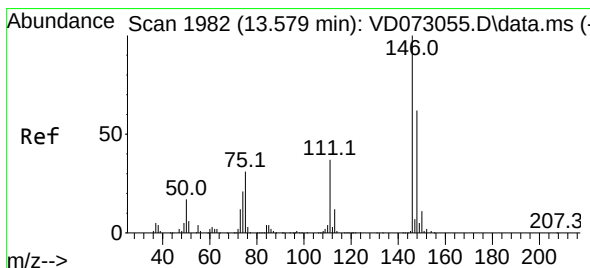
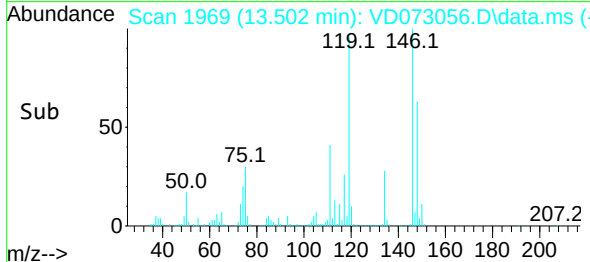
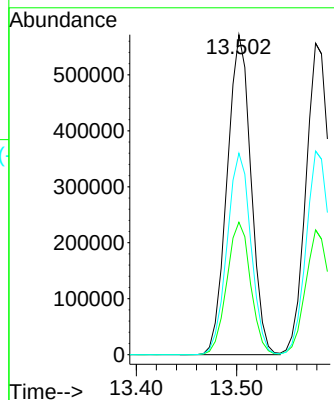
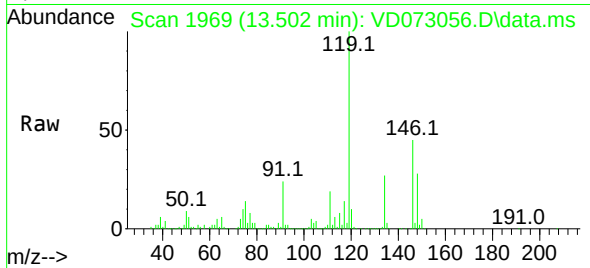




#87
 1,3-Dichlorobenzene
 Concen: 111.677 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073056.D
 Acq: 17 May 2022 12:11

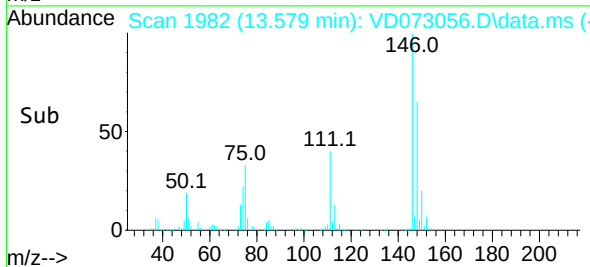
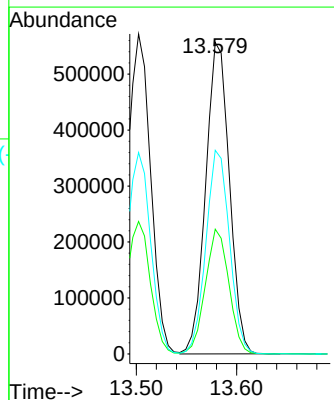
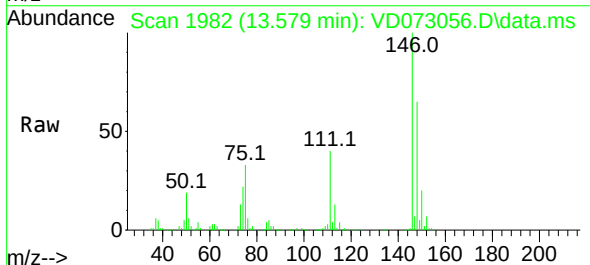
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

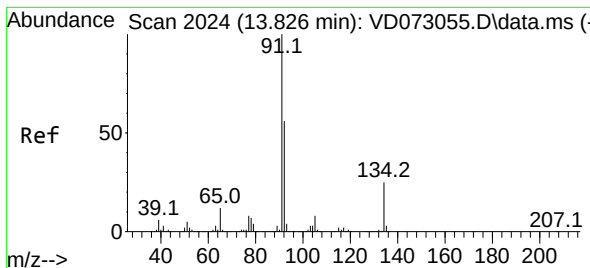
Tgt Ion:146 Resp: 946604
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.3
 148 63.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 108.759 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD073056.D
 Acq: 17 May 2022 12:11

Tgt Ion:146 Resp: 915820
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.9
 148 65.1 31.7 95.1





#89

n-Butylbenzene

Concen: 123.643 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

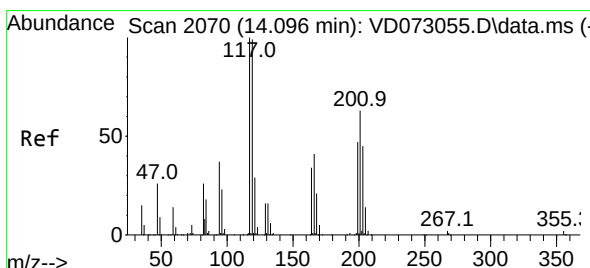
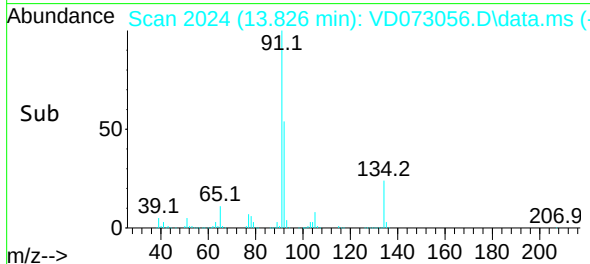
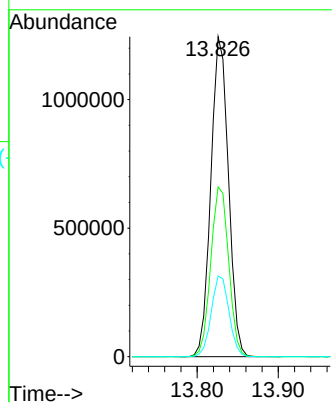
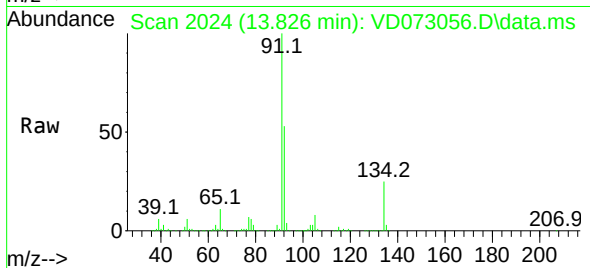
MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1871014

Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.6	79.8
134	25.4	12.3	36.9



#90

Hexachloroethane

Concen: 112.915 ug/l

RT: 14.096 min Scan# 2070

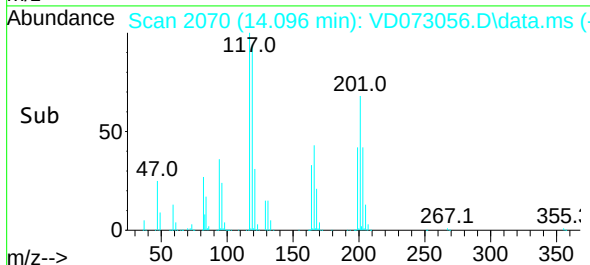
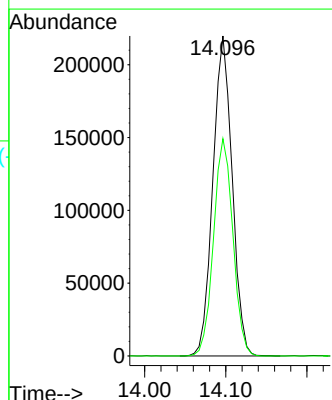
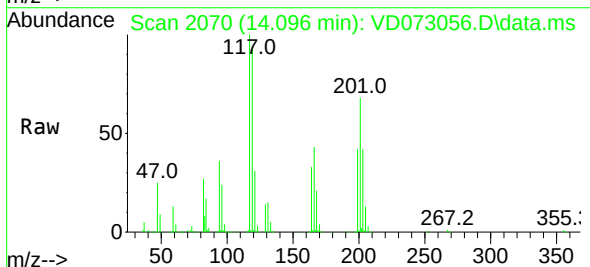
Delta R.T. 0.000 min

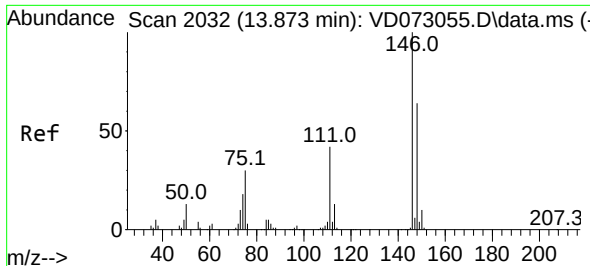
Lab File: VD073056.D

Acq: 17 May 2022 12:11

Tgt Ion: 117 Resp: 362578

Ion	Ratio	Lower	Upper
117	100		
201	68.2	33.4	100.2

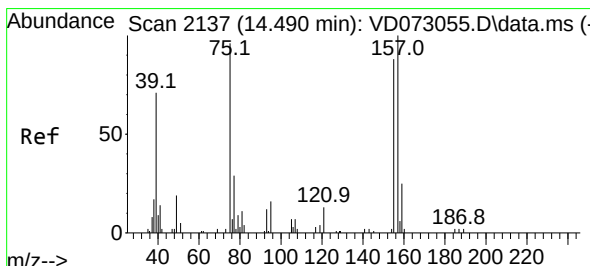
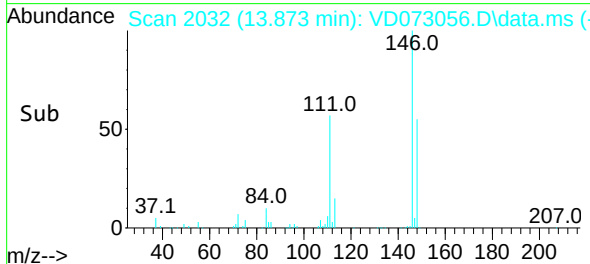
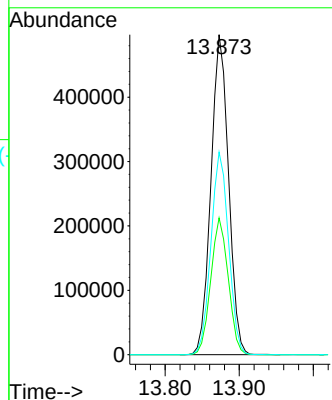
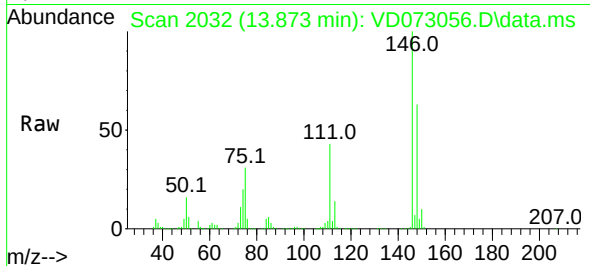




#91
1,2-Dichlorobenzene
Concen: 111.299 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

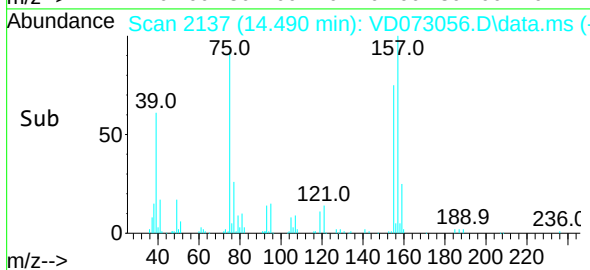
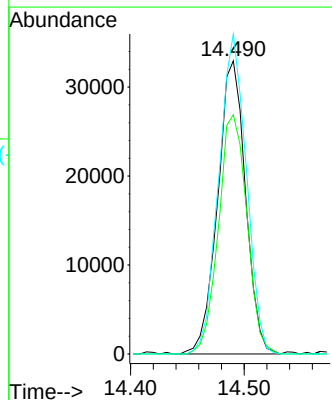
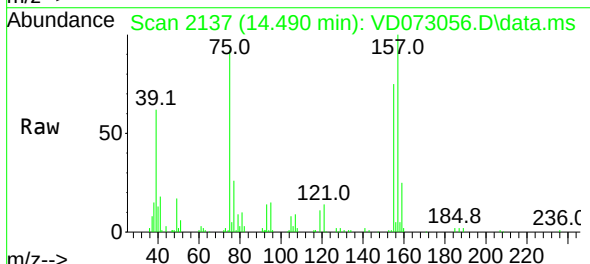
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

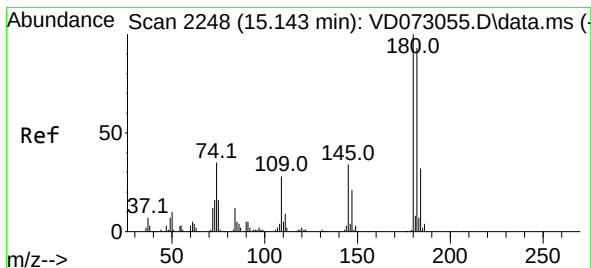
Tgt Ion:146 Resp: 819196
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 99.884 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073056.D
Acq: 17 May 2022 12:11

Tgt Ion: 75 Resp: 56102
Ion Ratio Lower Upper
75 100
155 83.3 36.8 110.3
157 108.0 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 113.484 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

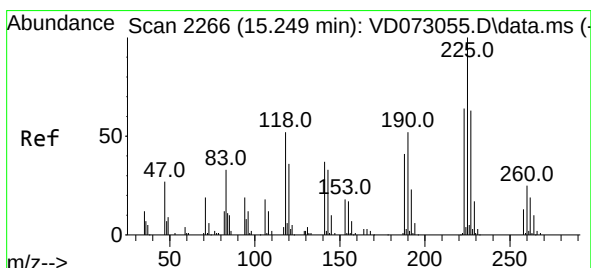
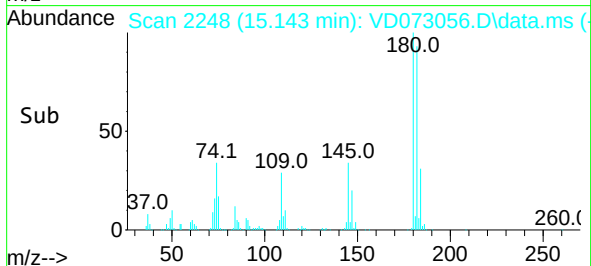
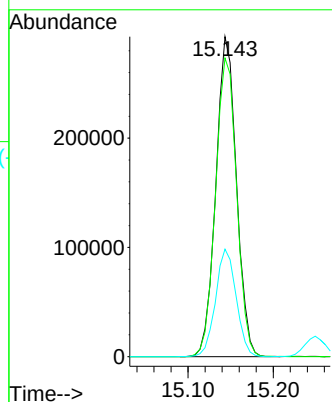
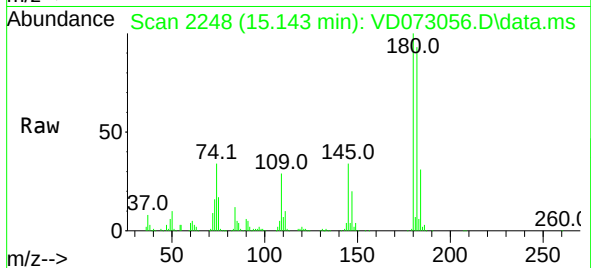
Tgt Ion:180 Resp: 491318

Ion Ratio Lower Upper

180 100

182 95.9 47.3 142.0

145 33.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 113.557 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

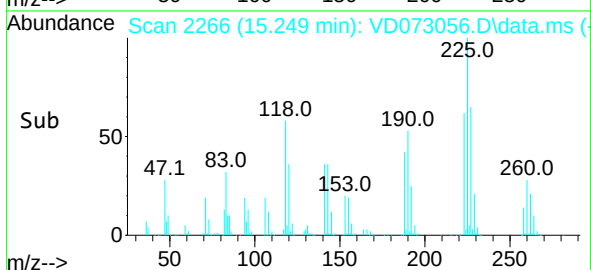
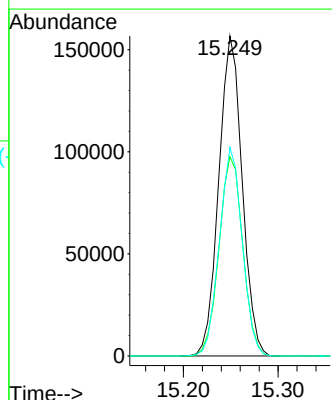
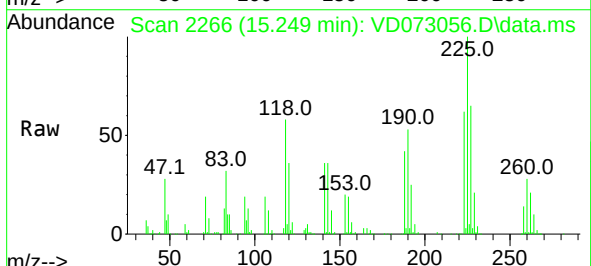
Tgt Ion:225 Resp: 269126

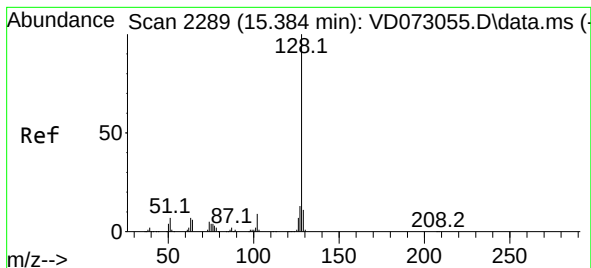
Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.2

227 63.7 32.4 97.0





#95

Naphthalene

Concen: 121.725 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

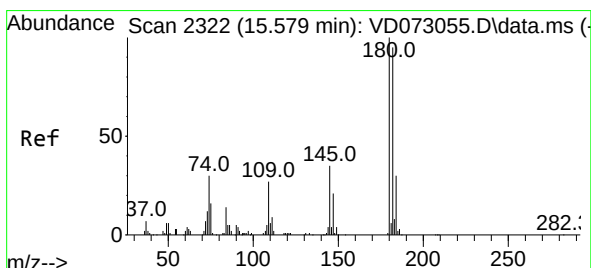
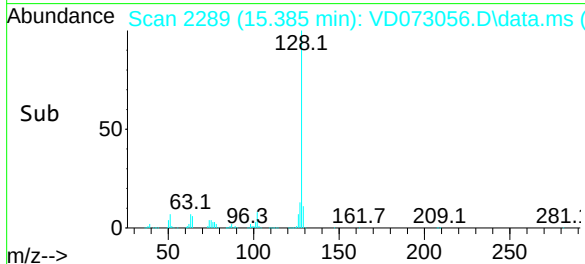
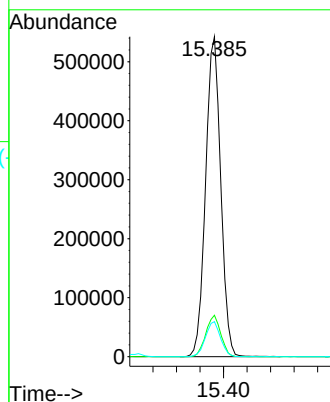
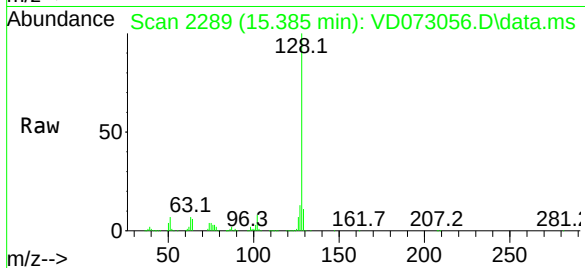
Tgt Ion:128 Resp: 967651

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 114.226 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD073056.D

Acq: 17 May 2022 12:11

Tgt Ion:180 Resp: 438049

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.9

145 33.8 17.1 51.3

