

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073356.D
 Acq On : 25 May 2022 07:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 25 07:58:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	282166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	487336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	486598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	252474	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	168621	54.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.140%	
35) Dibromofluoromethane	7.908	113	175691	54.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.260%	
50) Toluene-d8	10.332	98	649452	54.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.580%	
62) 4-Bromofluorobenzene	12.620	95	233438	56.114	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	109472	38.827	ug/l	99
3) Chloromethane	2.209	50	134817	42.287	ug/l	96
4) Vinyl Chloride	2.350	62	119362	40.943	ug/l	97
5) Bromomethane	2.762	94	93611	50.095	ug/l	95
6) Chloroethane	2.915	64	82253	45.896	ug/l	99
7) Trichlorofluoromethane	3.268	101	230842	44.781	ug/l	95
8) Diethyl Ether	3.709	74	75960	53.625	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	139009	45.195	ug/l	96
10) Methyl Iodide	4.297	142	143937	43.375	ug/l	98
11) Tert butyl alcohol	5.215	59	54730	113.123	ug/l	100
12) 1,1-Dichloroethene	4.067	96	136009	47.963	ug/l	85
13) Acrolein	3.920	56	40746	210.454	ug/l	97
14) Allyl chloride	4.715	41	216271	47.249	ug/l	91
15) Acrylonitrile	5.414	53	189600	292.716	ug/l	98
16) Acetone	4.156	43	137252	254.110	ug/l	97
17) Carbon Disulfide	4.409	76	374091	39.795	ug/l	97
18) Methyl Acetate	4.709	43	85038	56.619	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	378742	58.628	ug/l	98
20) Methylene Chloride	4.962	84	225719	67.263	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	174274	50.829	ug/l	87
22) Diisopropyl ether	6.362	45	545357	56.836	ug/l	93
23) Vinyl Acetate	6.303	43	1477117	288.604	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	325883	52.912	ug/l	97
25) 2-Butanone	7.209	43	223864	283.291	ug/l #	90
26) 2,2-Dichloropropane	7.209	77	220539	41.988	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	208221	54.885	ug/l	88
28) Bromochloromethane	7.538	49	113243	53.370	ug/l #	80
29) Tetrahydrofuran	7.556	42	149360	292.304	ug/l	90
30) Chloroform	7.703	83	357466	55.593	ug/l	99
31) Cyclohexane	7.985	56	221602	40.666	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	284950	50.669	ug/l	96
36) 1,1-Dichloropropene	8.108	75	231807	47.929	ug/l	96
37) Ethyl Acetate	7.285	43	104963	54.944	ug/l #	94
38) Carbon Tetrachloride	8.091	117	237565	48.457	ug/l	98
39) Methylcyclohexane	9.350	83	229583	42.594	ug/l	97
40) Benzene	8.344	78	728789	52.285	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	55096	49.500	ug/l #	76
42) 1,2-Dichloroethane	8.414	62	214073	55.196	ug/l	95
43) Isopropyl Acetate	8.444	43	199230	56.422	ug/l #	91
44) Trichloroethene	9.108	130	193519	52.063	ug/l	89
45) 1,2-Dichloropropane	9.379	63	193735	55.190	ug/l	100
46) Dibromomethane	9.467	93	107249	55.629	ug/l	96
47) Bromodichloromethane	9.655	83	273878	55.520	ug/l	98
48) Methyl methacrylate	9.450	41	103179	58.079	ug/l	89
49) 1,4-Dioxane	9.450	88	22814	1145.873	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	554364	302.276	ug/l	93
52) Toluene	10.397	92	482567	54.786	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	235541	52.853	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	280772	52.647	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	153042	58.703	ug/l	97
56) Ethyl methacrylate	10.655	69	178742	61.664	ug/l	85
57) 1,3-Dichloropropane	10.938	76	253453	57.940	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	348276	252.645	ug/l	96
59) 2-Hexanone	10.973	43	367952	304.317	ug/l	92
60) Dibromochloromethane	11.132	129	190590	58.628	ug/l	99
61) 1,2-Dibromoethane	11.238	107	143707	57.685	ug/l	99
64) Tetrachloroethene	10.867	164	153836	48.268	ug/l	94
65) Chlorobenzene	11.661	112	523510	52.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	201003	54.293	ug/l	99
67) Ethyl Benzene	11.738	91	914634	52.194	ug/l	100
68) m/p-Xylenes	11.844	106	718793	105.577	ug/l	99
69) o-Xylene	12.167	106	338702	54.154	ug/l	97
70) Styrene	12.185	104	610351	56.721	ug/l	96
71) Bromoform	12.349	173	109091	57.254	ug/l #	99
73) Isopropylbenzene	12.467	105	876803	48.715	ug/l	100
74) N-amyl acetate	12.279	43	205263	52.277	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	173783	52.352	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	213808	86.310	ug/l #	100
77) Bromobenzene	12.749	156	214436	50.611	ug/l	91
78) n-propylbenzene	12.808	91	1097689	48.579	ug/l	99
79) 2-Chlorotoluene	12.896	91	645538	49.479	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	766659	50.283	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	50110	48.562	ug/l	87
82) 4-Chlorotoluene	12.991	91	681949	49.868	ug/l	98
83) tert-Butylbenzene	13.208	119	646369	50.302	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	767358	50.946	ug/l	98
85) sec-Butylbenzene	13.385	105	938417	47.828	ug/l	99
86) p-Isopropyltoluene	13.502	119	778560	48.678	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	431117	50.481	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	428455	49.700	ug/l	99
89) n-Butylbenzene	13.826	91	736448	48.325	ug/l	99
90) Hexachloroethane	14.096	117	161003	48.650	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	379421	51.349	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	27182	53.471	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	216350	51.573	ug/l	100
94) Hexachlorobutadiene	15.249	225	108296	45.811	ug/l	98
95) Naphthalene	15.379	128	416954	50.433	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	197303	53.053	ug/l	100

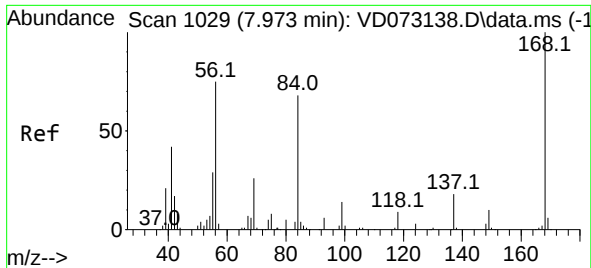
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Response via : Initial Calibration

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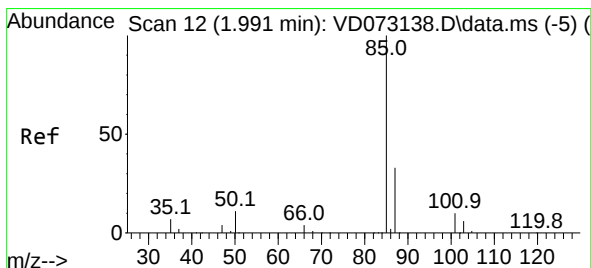
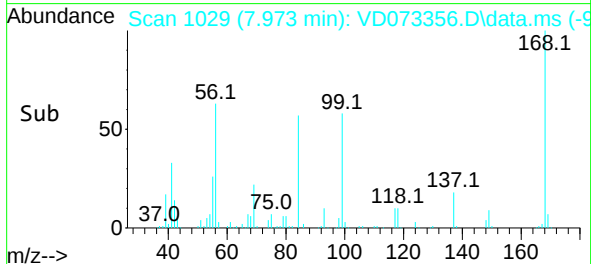
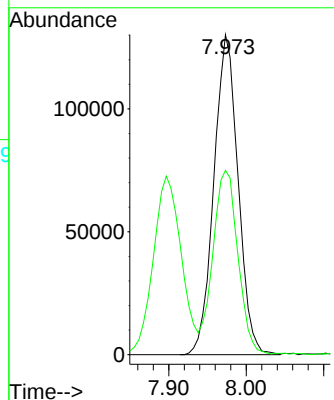
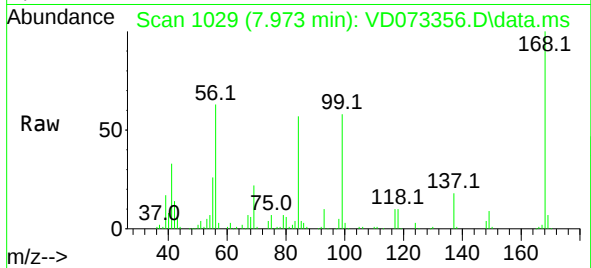
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

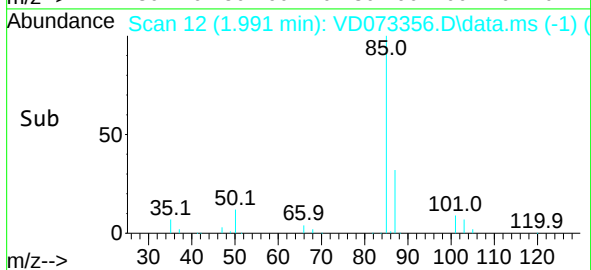
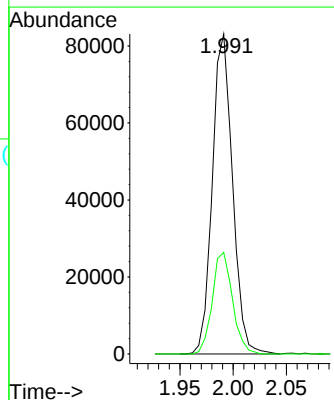
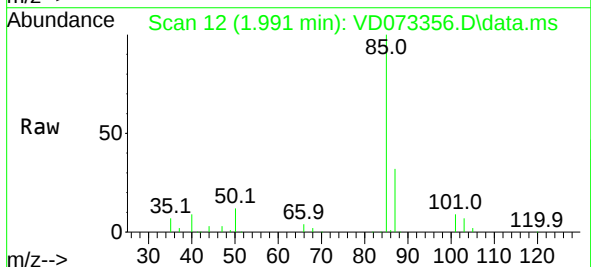
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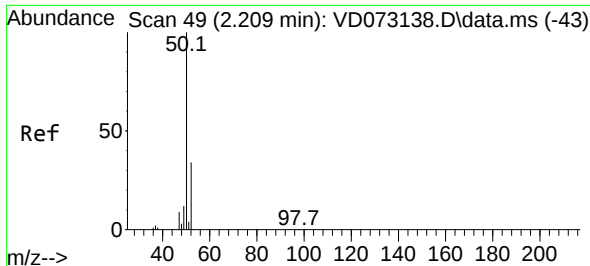
Tgt Ion:168 Resp: 282166
Ion Ratio Lower Upper
168 100
99 57.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 38.827 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 85 Resp: 109472
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0

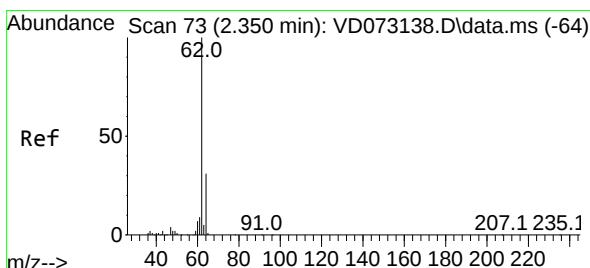
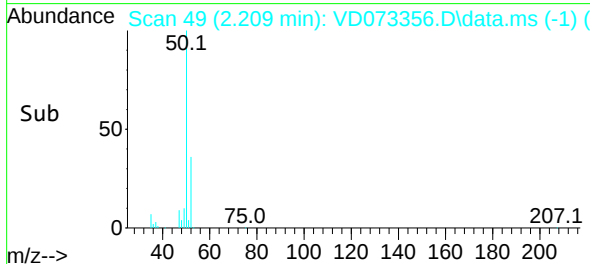
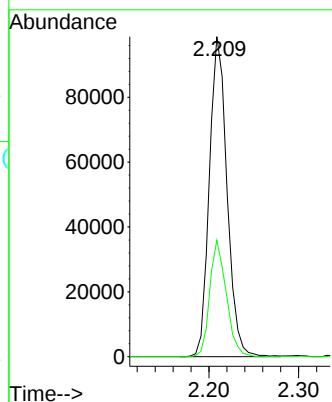
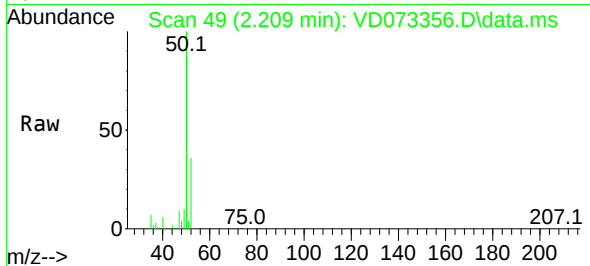




#3
Chloromethane
Concen: 42.287 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

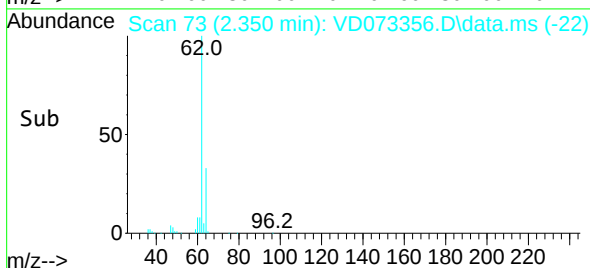
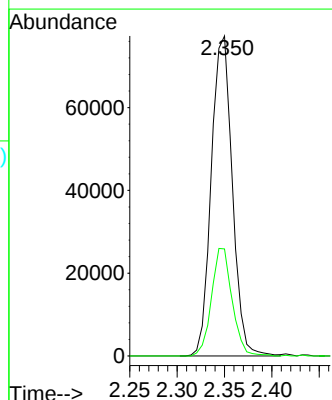
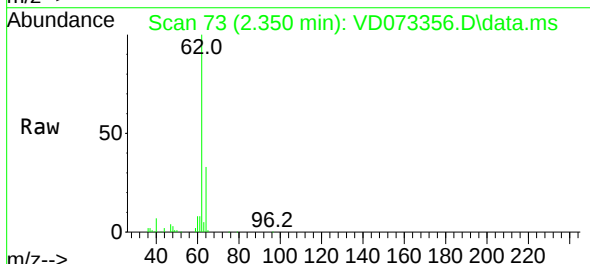
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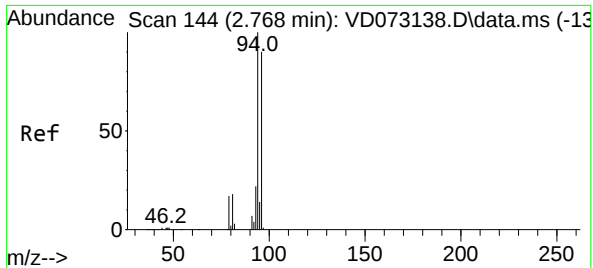
Tgt Ion: 50 Resp: 134817
Ion Ratio Lower Upper
50 100
52 36.4 27.4 41.0



#4
Vinyl Chloride
Concen: 40.943 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 62 Resp: 119362
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0

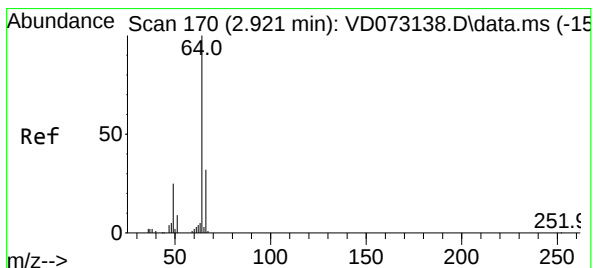
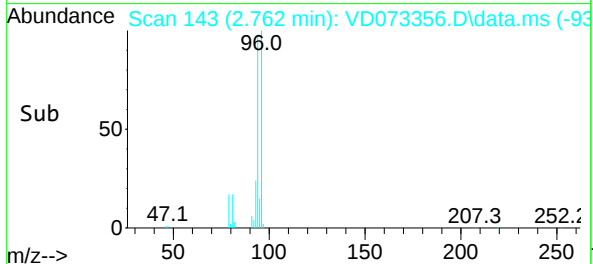
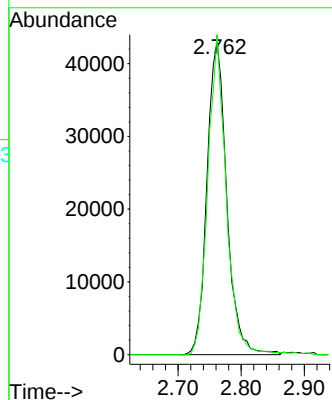
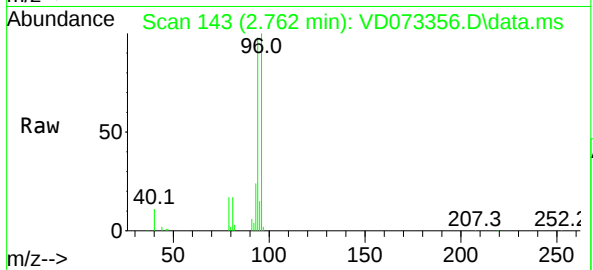




#5
Bromomethane
Concen: 50.095 ug/l
RT: 2.762 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

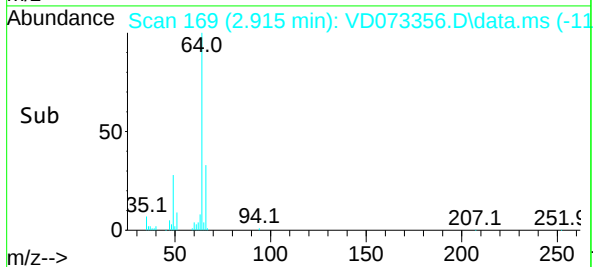
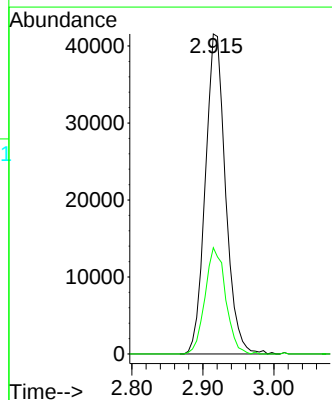
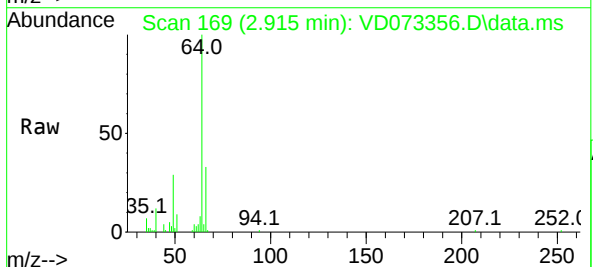
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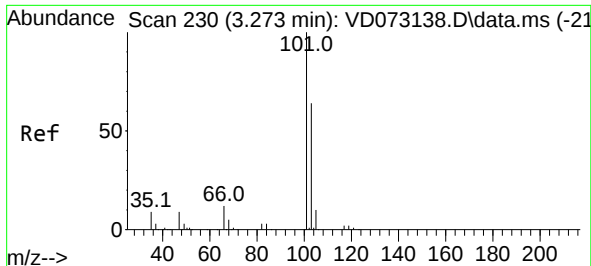
Tgt Ion: 94 Resp: 93611
Ion Ratio Lower Upper
94 100
96 102.2 77.6 116.4



#6
Chloroethane
Concen: 45.896 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 64 Resp: 82253
Ion Ratio Lower Upper
64 100
66 33.2 25.9 38.9

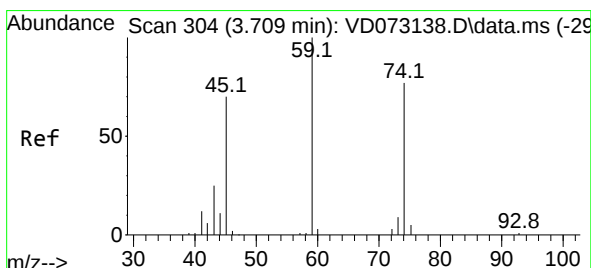
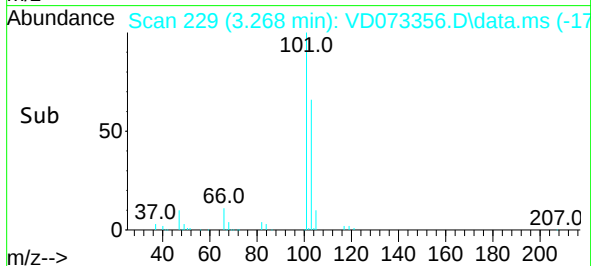
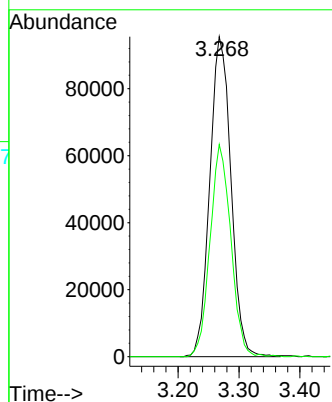
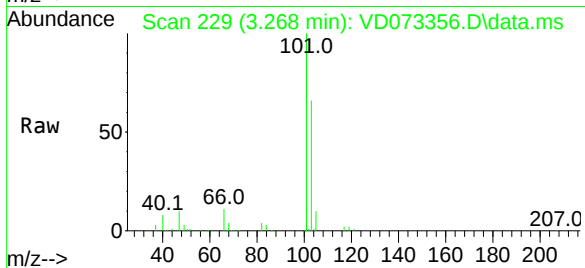




#7
 Trichlorofluoromethane
 Concen: 44.781 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

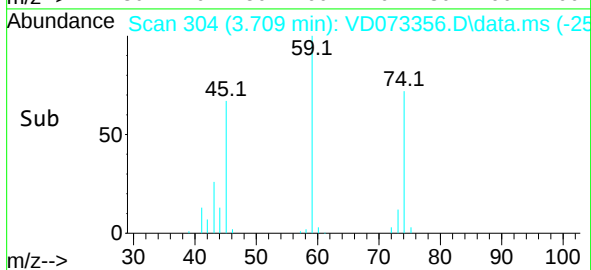
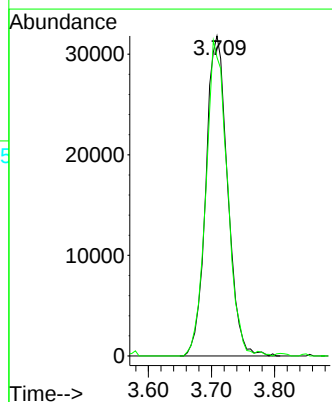
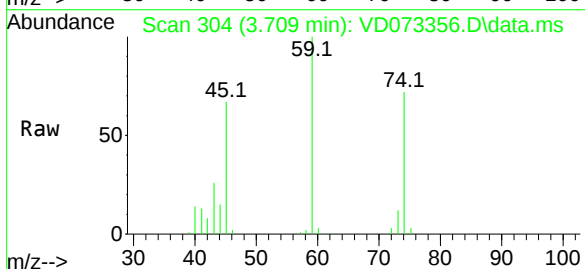
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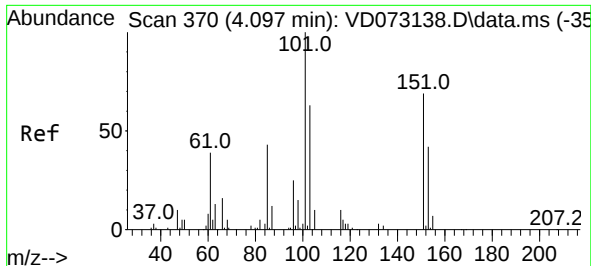
Tgt Ion:101 Resp: 230842
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 53.625 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

Tgt Ion: 74 Resp: 75960
 Ion Ratio Lower Upper
 74 100
 45 96.9 52.6 157.8

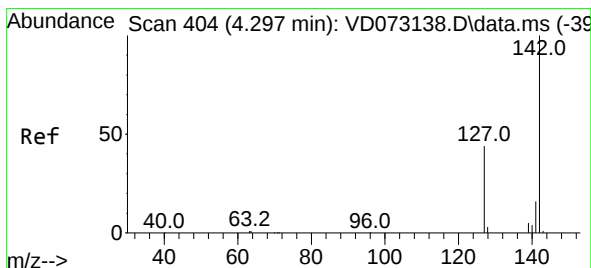
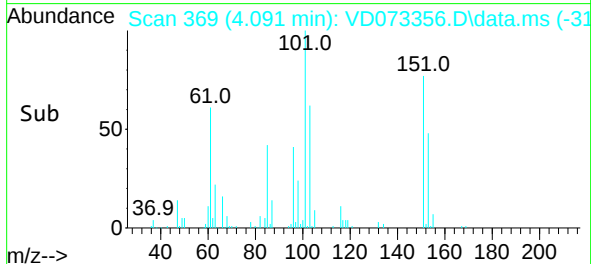
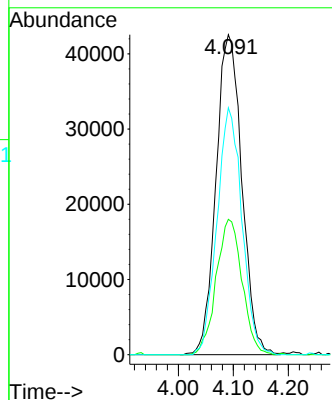
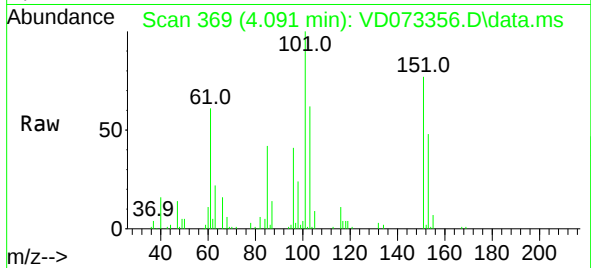




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.195 ug/l
 RT: 4.091 min Scan# 309
 Delta R.T. -0.006 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

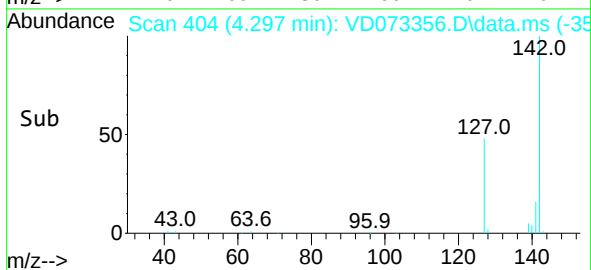
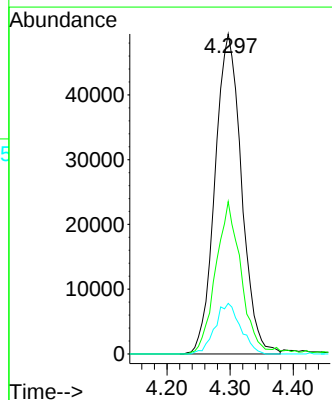
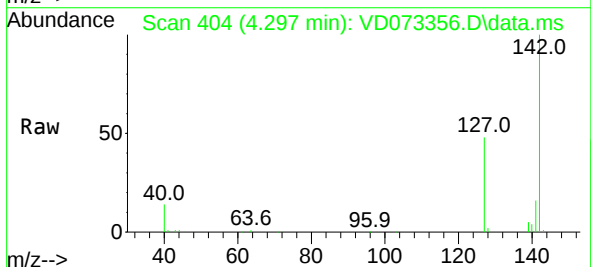
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

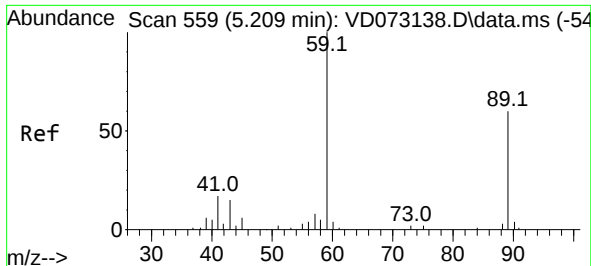
Tgt Ion:101 Resp: 139009
 Ion Ratio Lower Upper
 101 100
 85 42.3 36.4 54.6
 151 74.6 57.3 85.9



#10
 Methyl Iodide
 Concen: 43.375 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

Tgt Ion:142 Resp: 143937
 Ion Ratio Lower Upper
 142 100
 127 45.5 37.3 55.9
 141 15.2 11.7 17.5





#11

Tert butyl alcohol

Concen: 113.123 ug/l

RT: 5.215 min Scan# 5

Delta R.T. 0.006 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

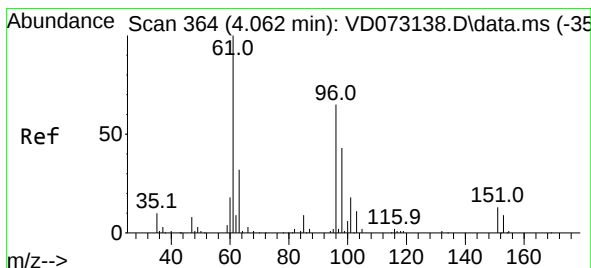
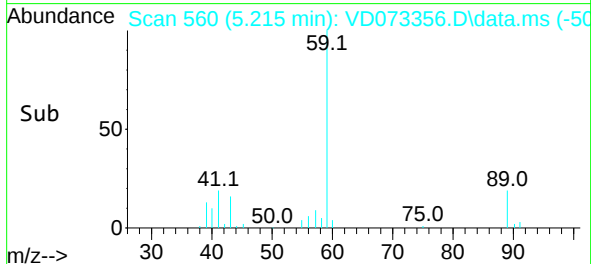
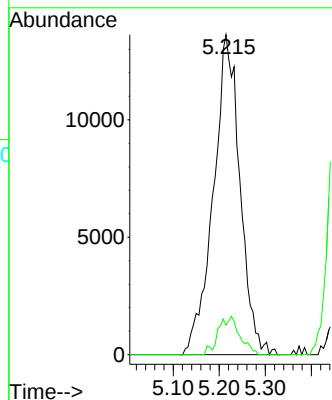
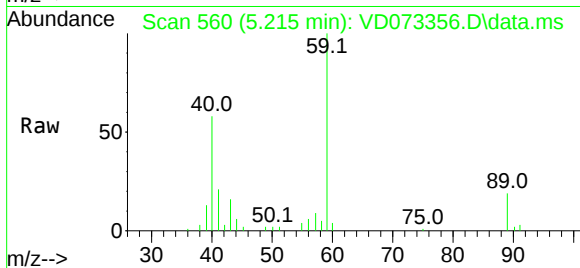
VSTDCCC050EC

Tgt Ion: 59 Resp: 54730

Ion Ratio Lower Upper

59 100

57 9.6 7.8 11.6



#12

1,1-Dichloroethene

Concen: 47.963 ug/l

RT: 4.067 min Scan# 365

Delta R.T. 0.005 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

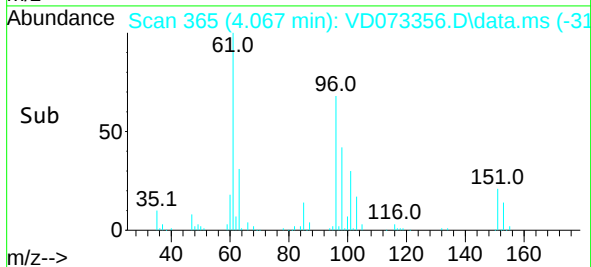
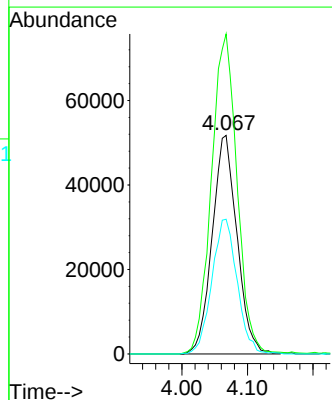
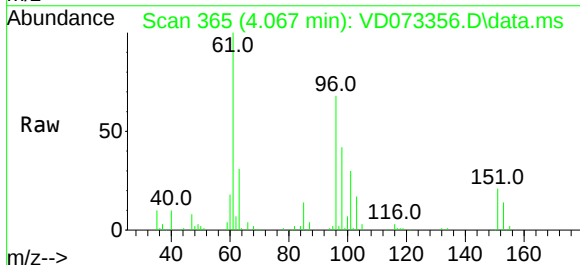
Tgt Ion: 96 Resp: 136009

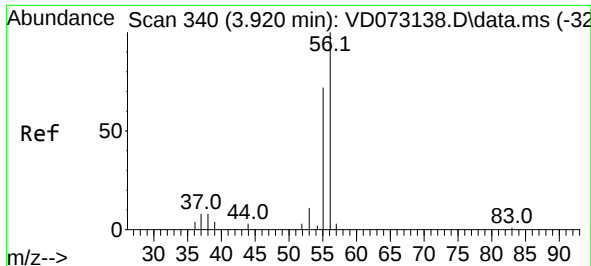
Ion Ratio Lower Upper

96 100

61 146.4 138.5 207.7

98 61.6 48.6 73.0

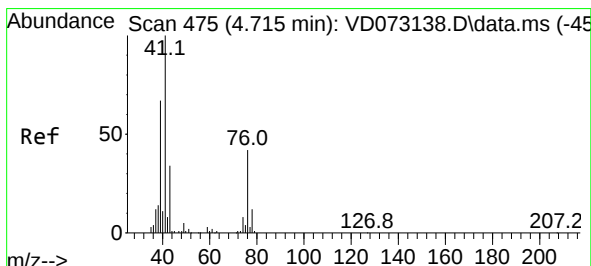
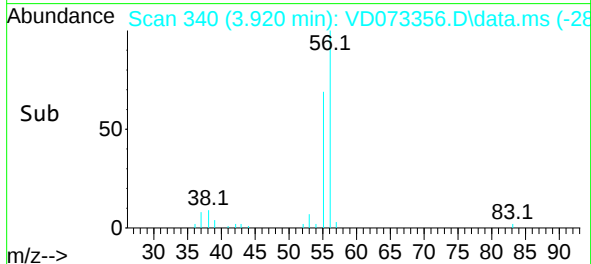
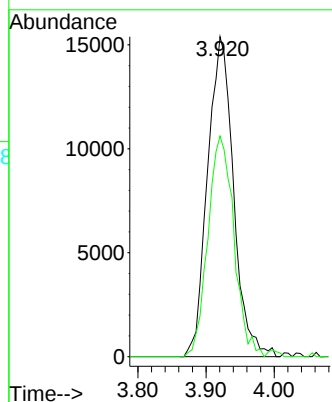
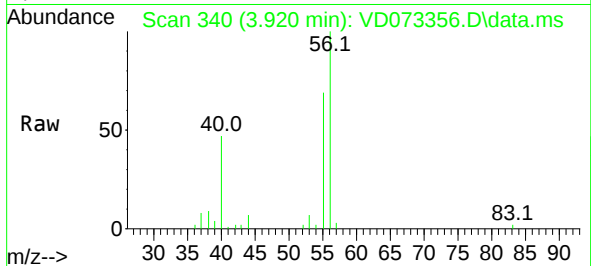




#13
Acrolein
Concen: 210.454 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

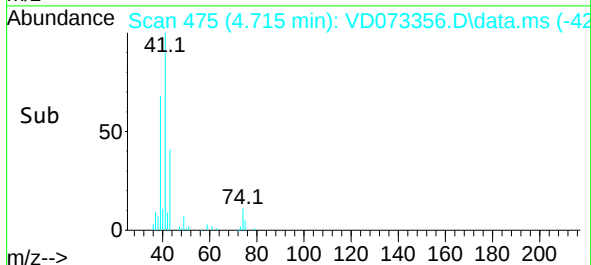
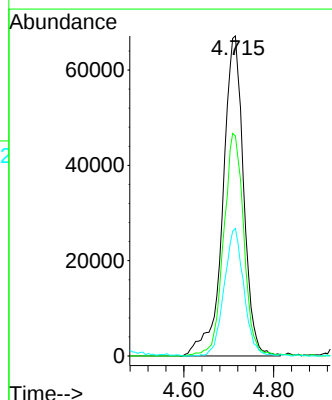
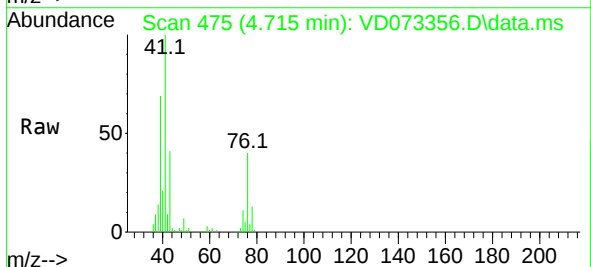
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

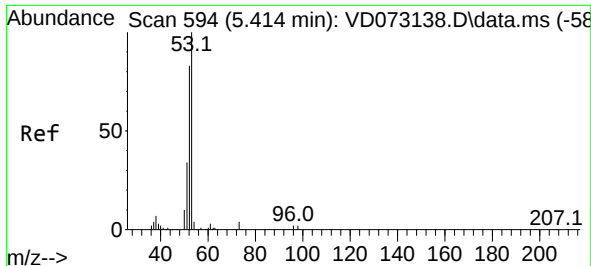
Tgt Ion: 56 Resp: 40746
Ion Ratio Lower Upper
56 100
55 68.9 57.1 85.7



#14
Allyl chloride
Concen: 47.249 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 41 Resp: 216271
Ion Ratio Lower Upper
41 100
39 67.5 59.3 88.9
76 37.8 25.7 38.5

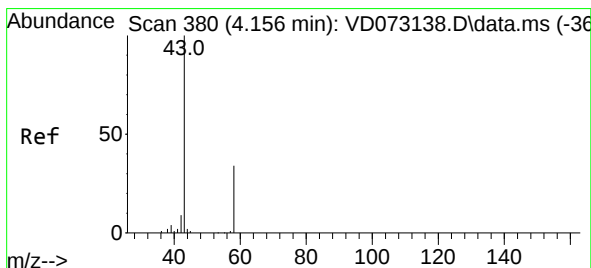
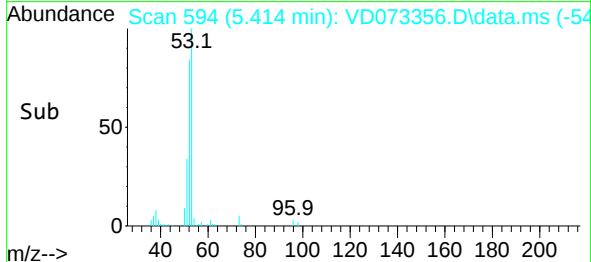
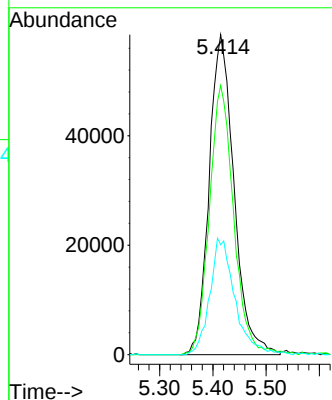
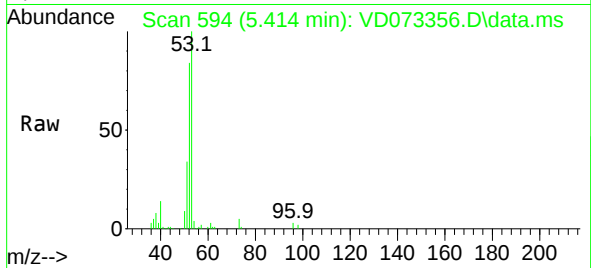




#15
Acrylonitrile
Concen: 292.716 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

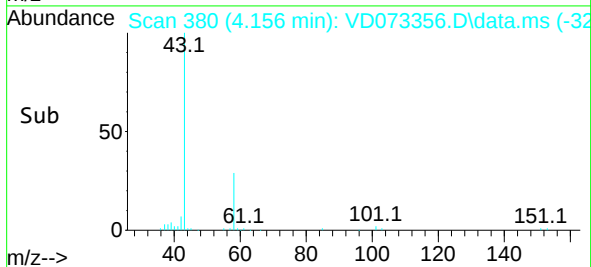
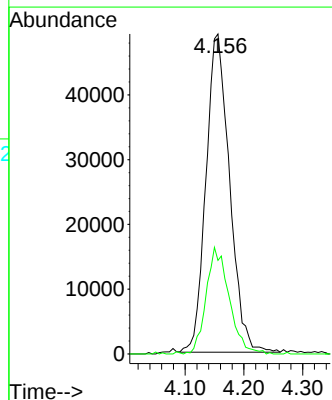
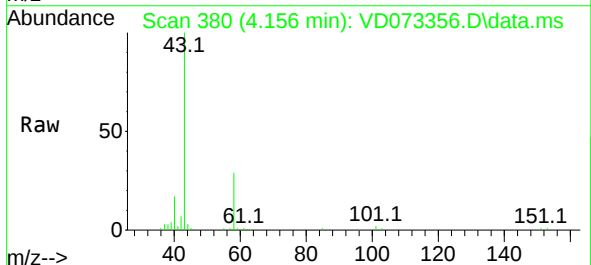
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

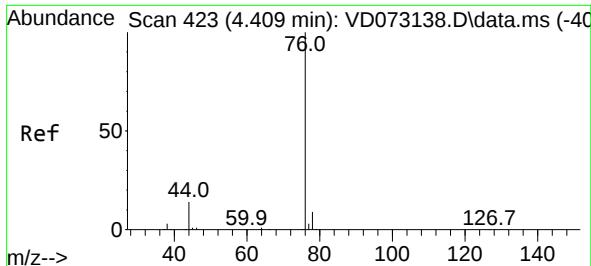
Tgt Ion: 53 Resp: 189600
Ion Ratio Lower Upper
53 100
52 82.5 67.2 100.8
51 36.9 30.3 45.5



#16
Acetone
Concen: 254.110 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 43 Resp: 137252
Ion Ratio Lower Upper
43 100
58 29.4 22.1 33.1

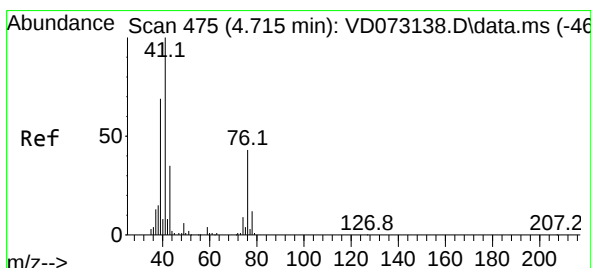
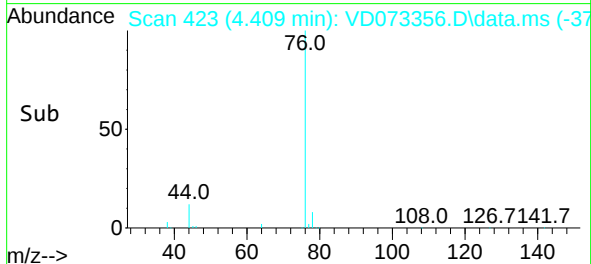
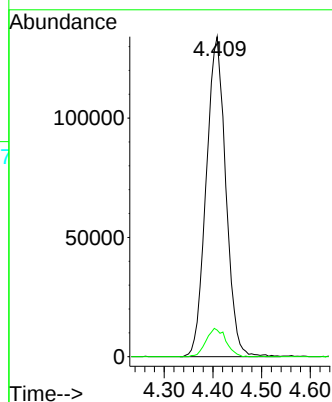
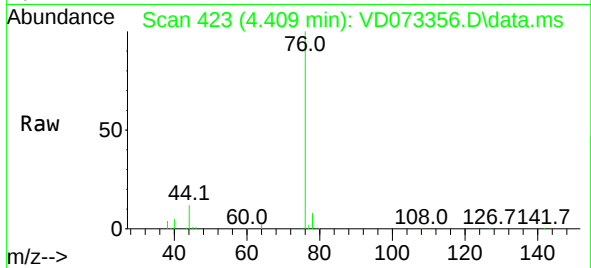




#17
Carbon Disulfide
Concen: 39.795 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

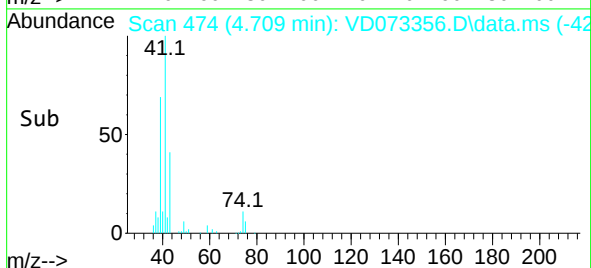
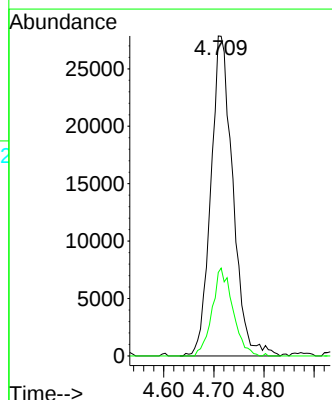
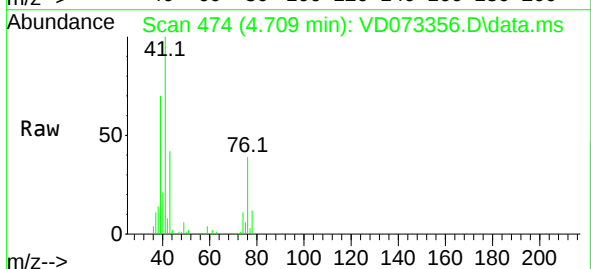
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

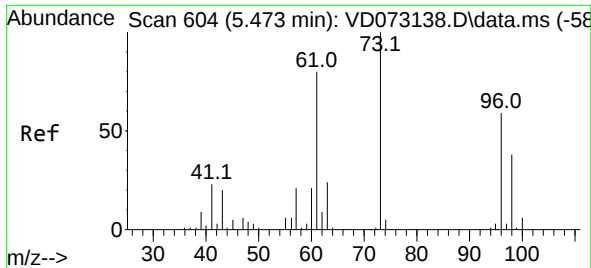
Tgt Ion: 76 Resp: 374091
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3



#18
Methyl Acetate
Concen: 56.619 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 43 Resp: 85038
Ion Ratio Lower Upper
43 100
74 25.8 16.7 25.1#

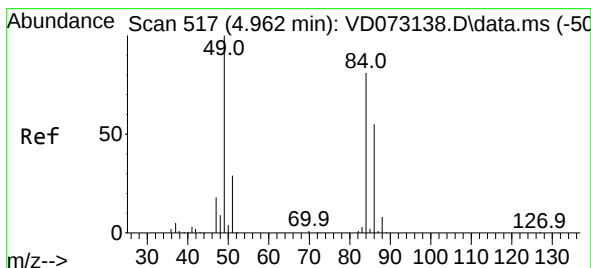
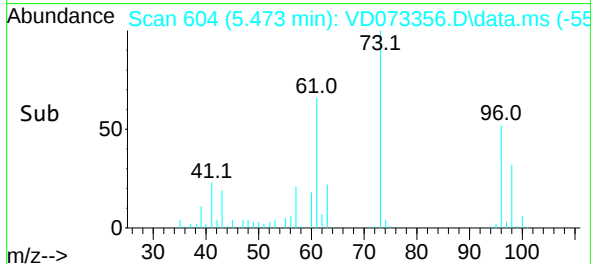
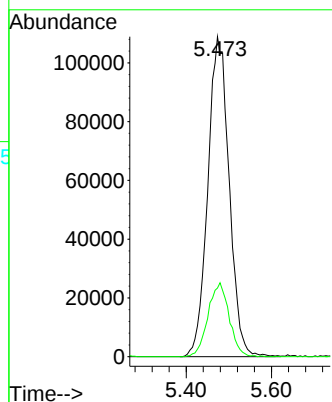
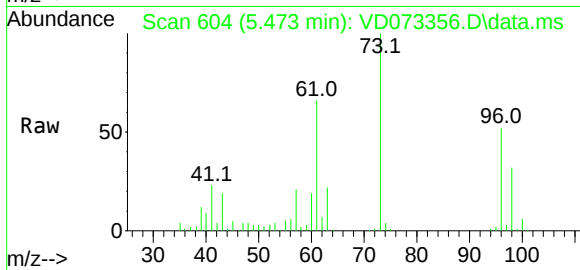




#19
Methyl tert-butyl Ether
Concen: 58.628 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

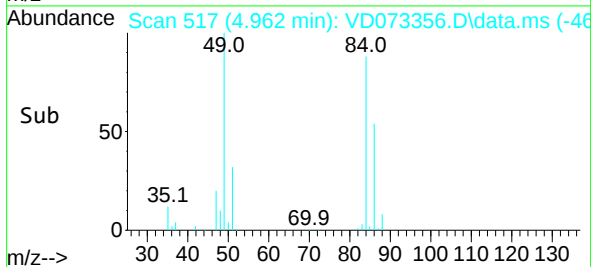
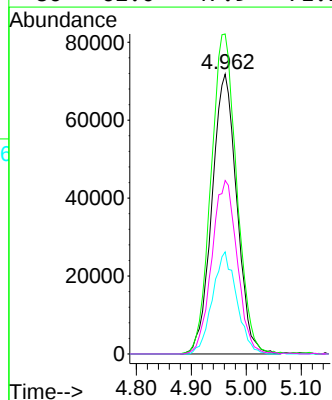
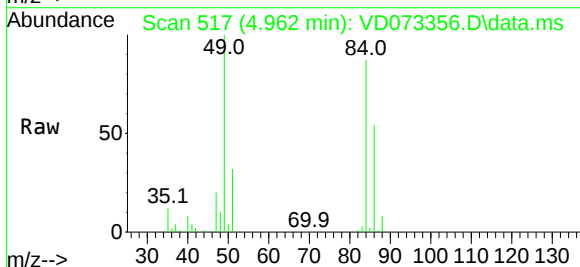
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

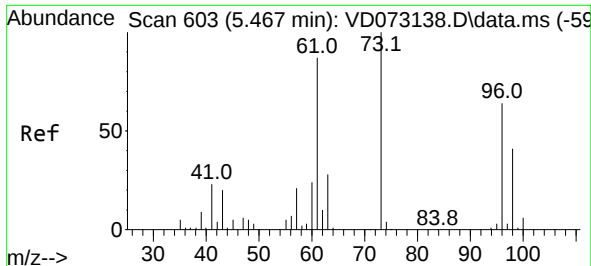
Tgt Ion: 73 Resp: 378742
Ion Ratio Lower Upper
73 100
57 21.4 18.0 27.0



#20
Methylene Chloride
Concen: 67.263 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 84 Resp: 225719
Ion Ratio Lower Upper
84 100
49 114.3 112.8 169.2
51 36.5 32.6 48.8
86 62.0 47.9 71.9

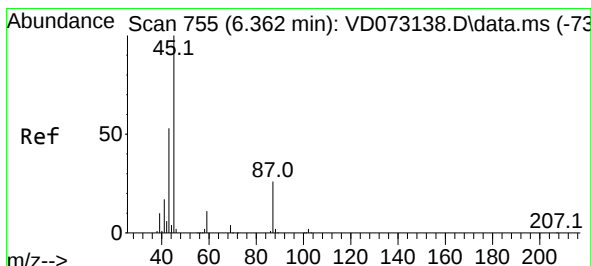
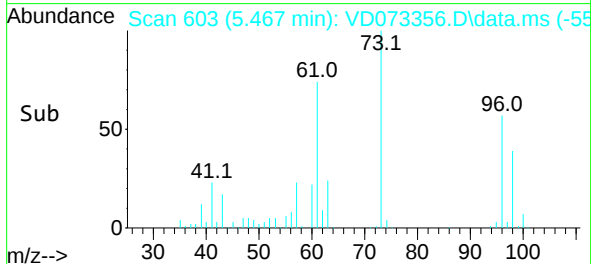
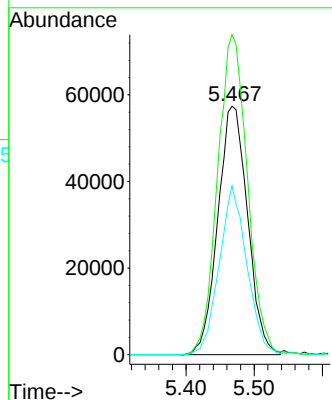
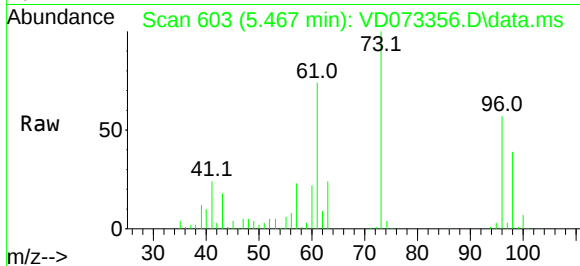




#21
trans-1,2-Dichloroethene
Concen: 50.829 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

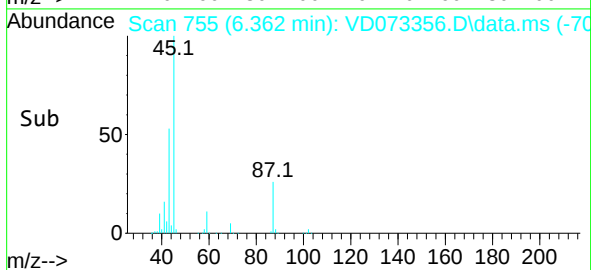
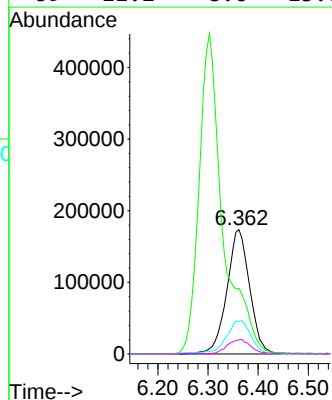
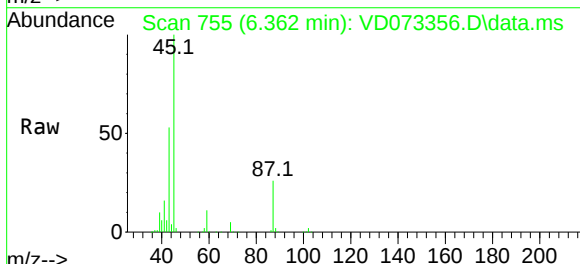
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

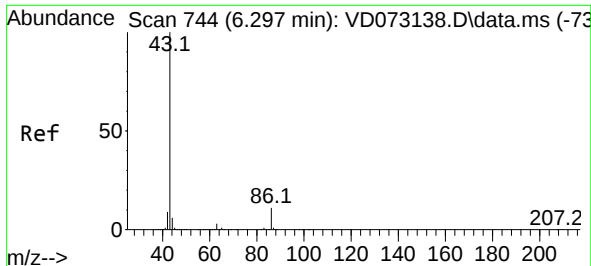
Tgt Ion: 96 Resp: 174274
Ion Ratio Lower Upper
96 100
61 128.8 117.9 176.9
98 67.9 49.4 74.2



#22
Diisopropyl ether
Concen: 56.836 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 45 Resp: 545357
Ion Ratio Lower Upper
45 100
43 51.6 46.6 70.0
87 26.0 18.4 27.6
59 11.2 8.6 13.0

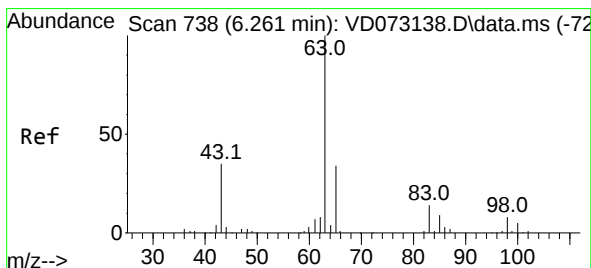
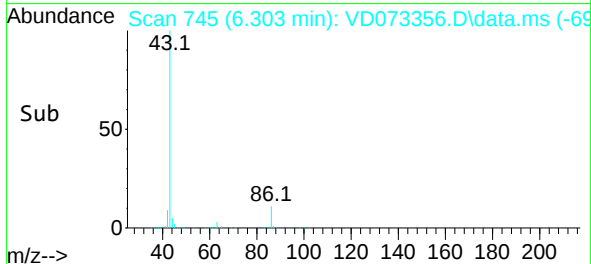
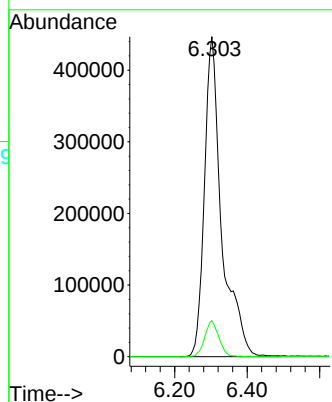
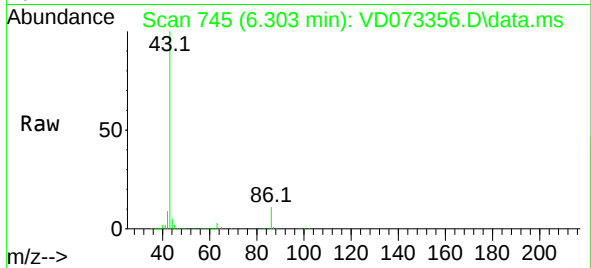




#23
 Vinyl Acetate
 Concen: 288.604 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

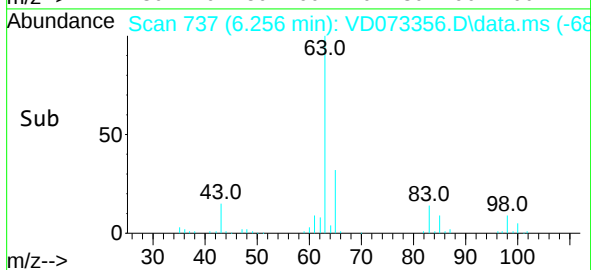
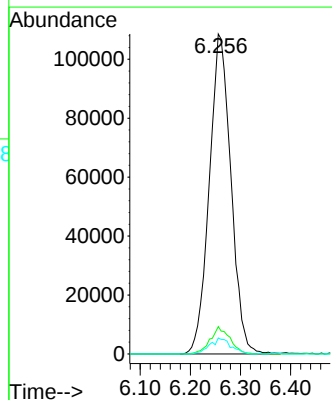
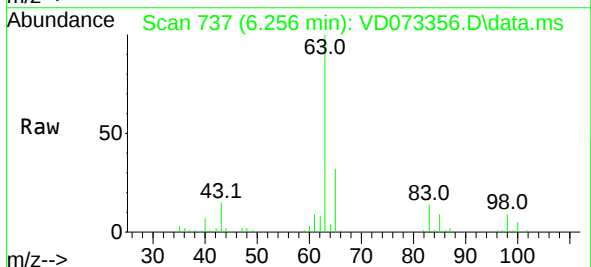
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1477117
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 52.912 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

Tgt Ion: 63 Resp: 325883
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.9
 100 5.0 2.1 6.5

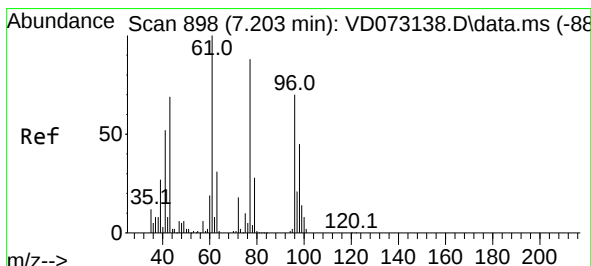
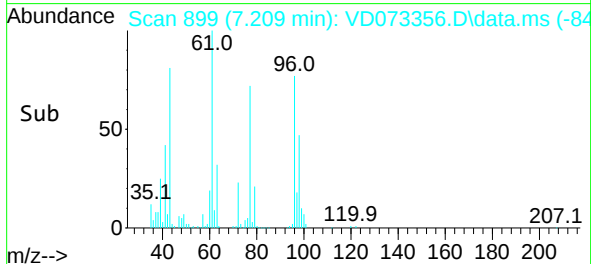
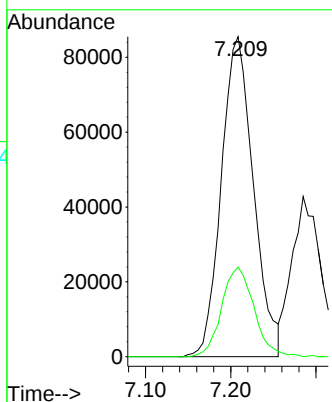
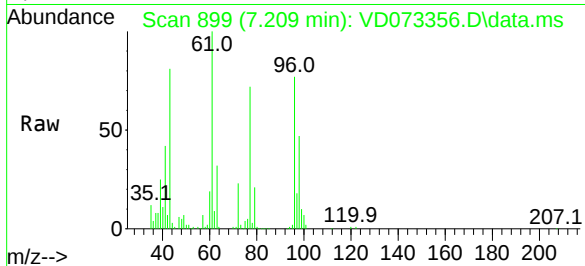




#25
2-Butanone
Concen: 283.291 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

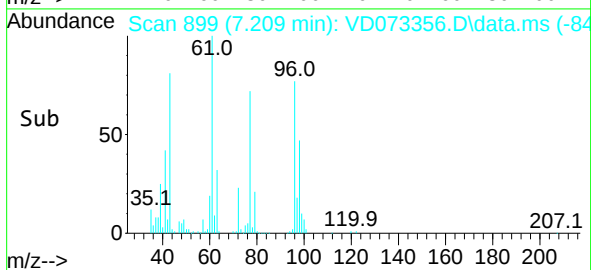
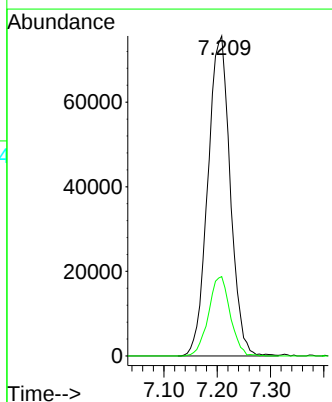
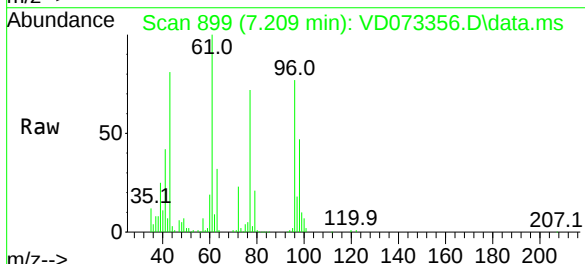
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 223864
Ion Ratio Lower Upper
43 100
72 28.0 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 41.988 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 77 Resp: 220539
Ion Ratio Lower Upper
77 100
97 24.1 10.8 32.4



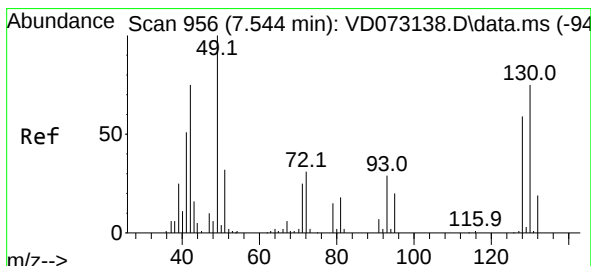
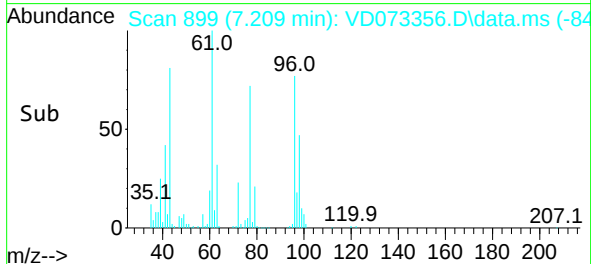
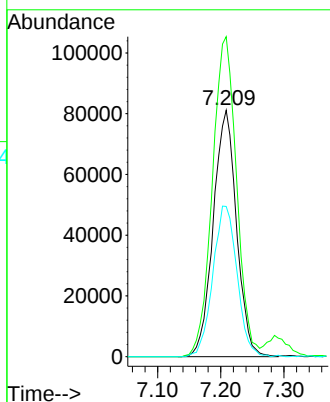
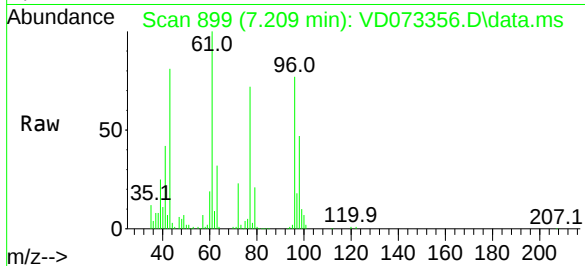


#27
 cis-1,2-Dichloroethene
 Concen: 54.885 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.001 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 208221

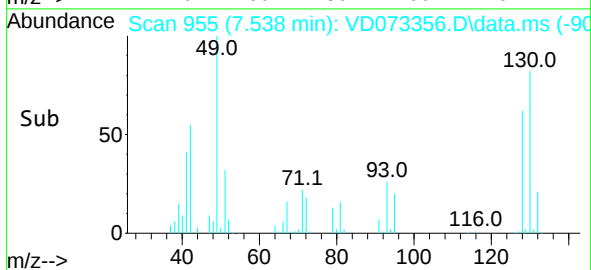
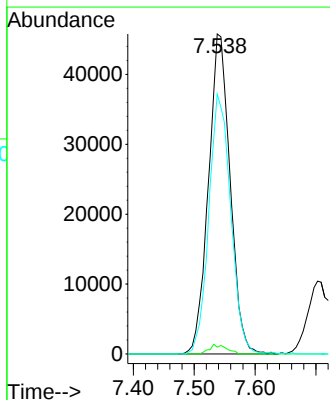
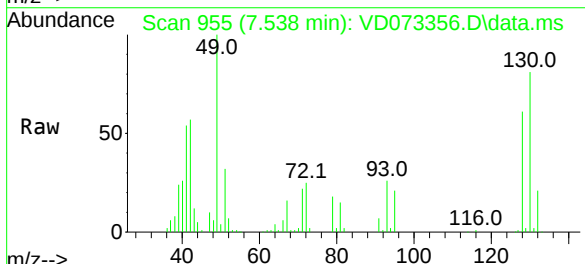
Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	313.8
98	63.4	0.0	128.8

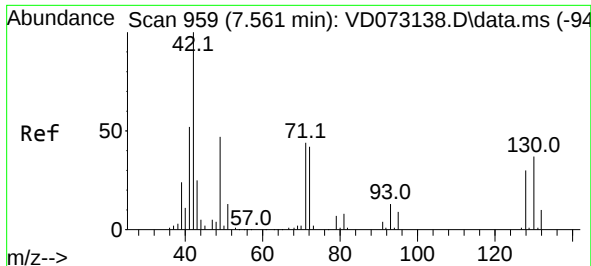


#28
 Bromochloromethane
 Concen: 53.370 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

Tgt Ion: 49 Resp: 113243

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	81.8	52.6	79.0





#29

Tetrahydrofuran

Concen: 292.304 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

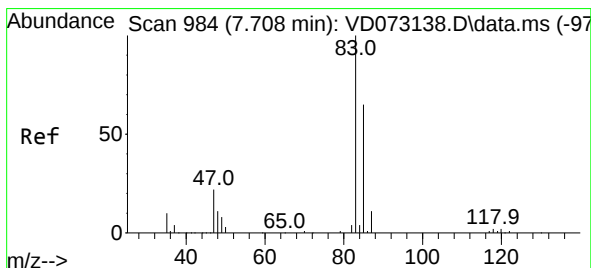
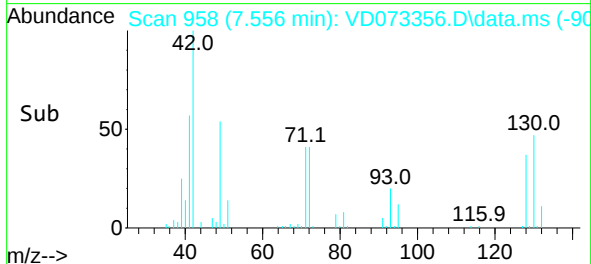
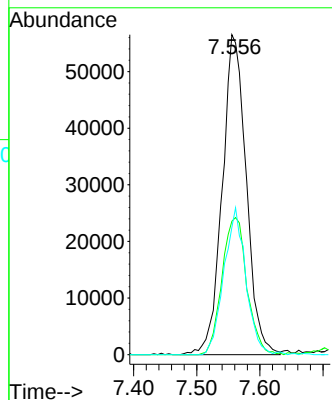
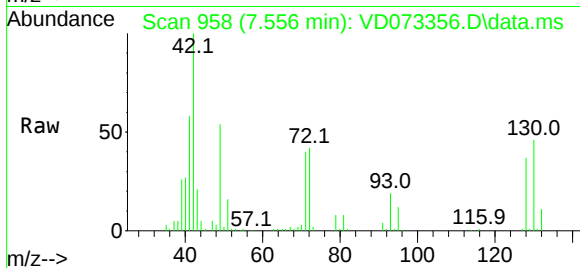
Tgt Ion: 42 Resp: 149360

Ion Ratio Lower Upper

42 100

72 44.4 30.7 46.1

71 41.7 28.6 43.0



#30

Chloroform

Concen: 55.593 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073356.D

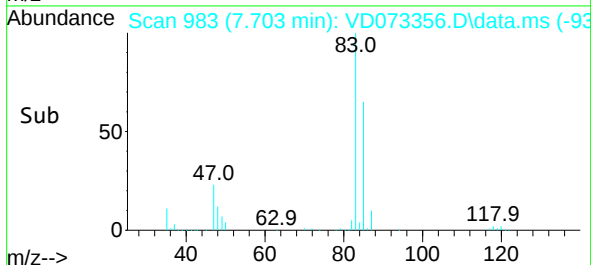
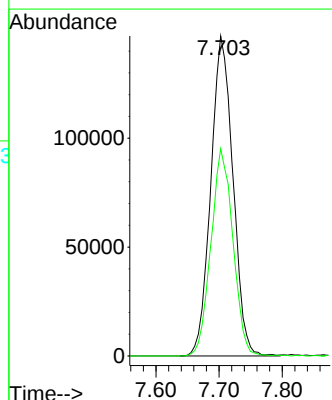
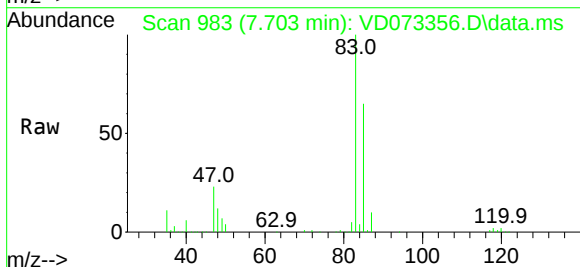
Acq: 25 May 2022 07:37

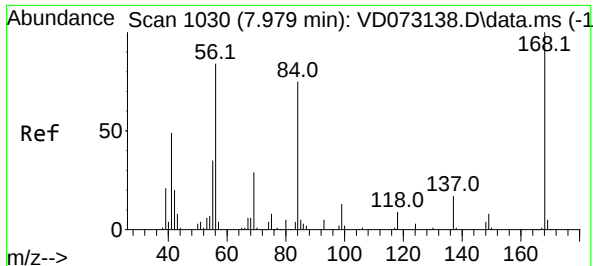
Tgt Ion: 83 Resp: 357466

Ion Ratio Lower Upper

83 100

85 64.7 52.7 79.1





#31

Cyclohexane

Concen: 40.666 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

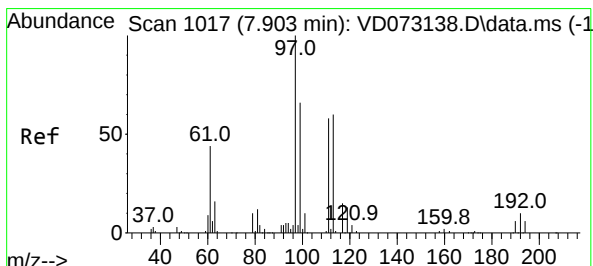
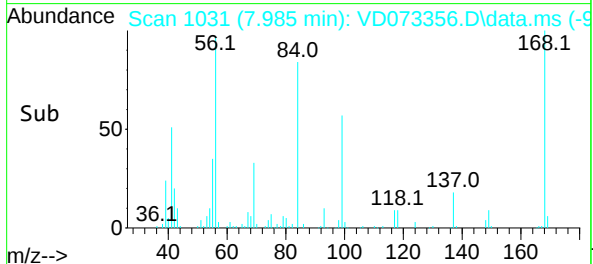
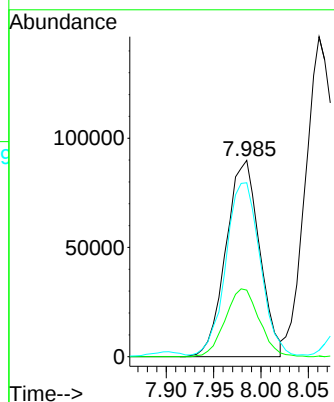
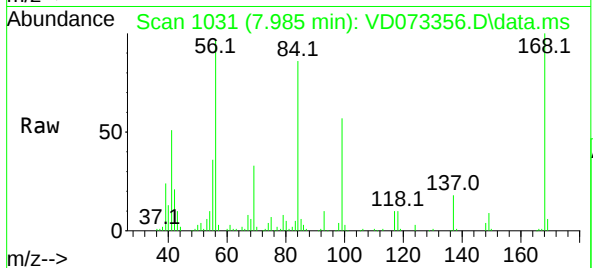
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 221602

Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.4	38.2
84	86.9	63.0	94.4



#32

1,1,1-Trichloroethane

Concen: 50.669 ug/l

RT: 7.897 min Scan# 1016

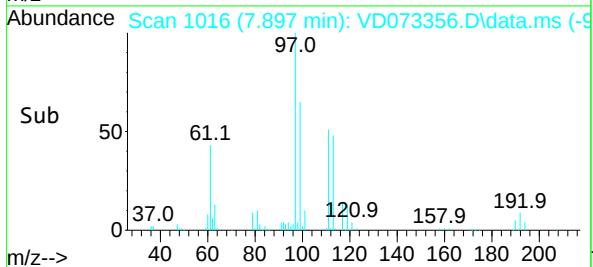
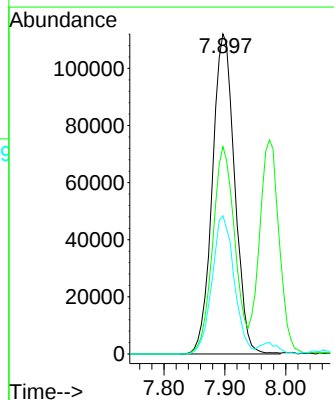
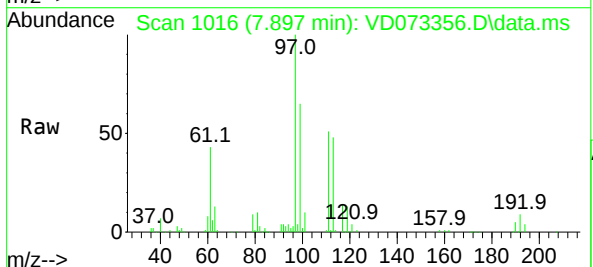
Delta R.T. -0.006 min

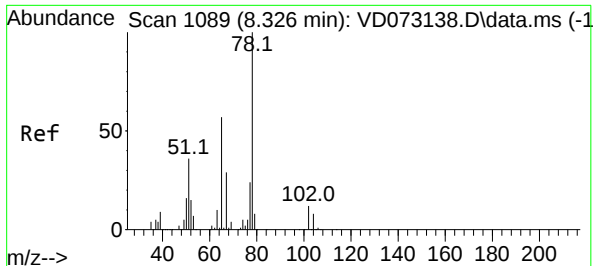
Lab File: VD073356.D

Acq: 25 May 2022 07:37

Tgt Ion: 97 Resp: 284950

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.4	78.6
61	42.9	38.0	57.0





#33

1,2-Dichloroethane-d4

Concen: 54.074 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

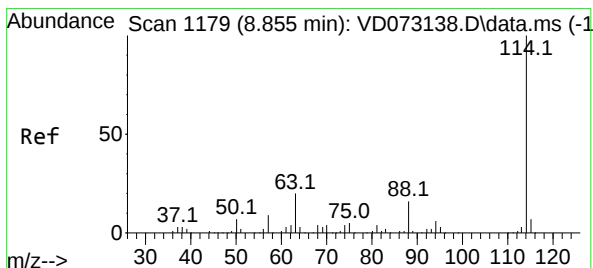
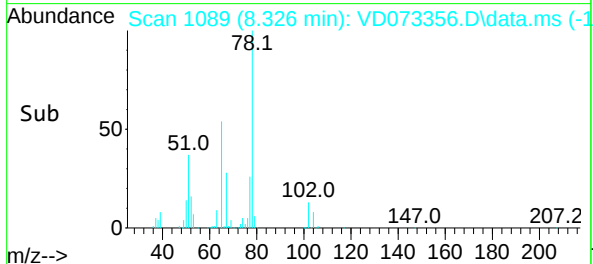
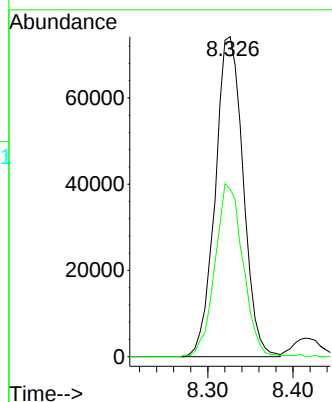
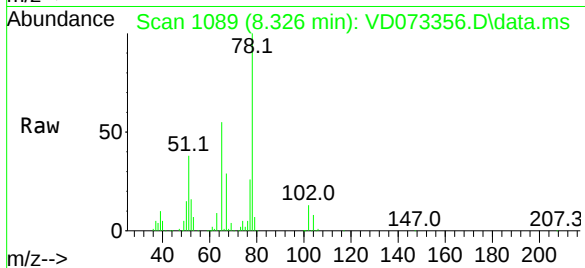
VSTDCCC050EC

Tgt Ion: 65 Resp: 168621

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

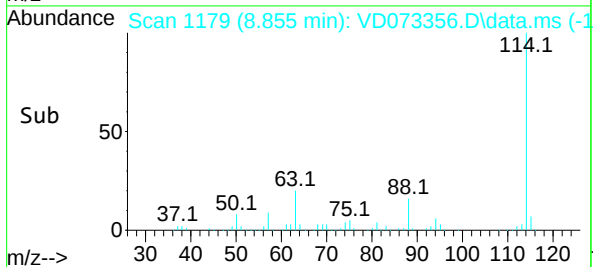
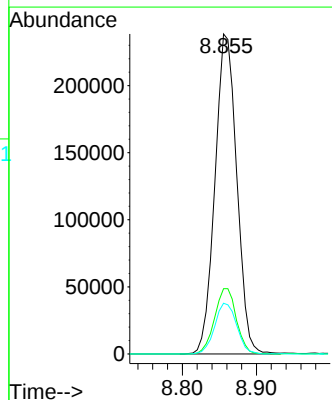
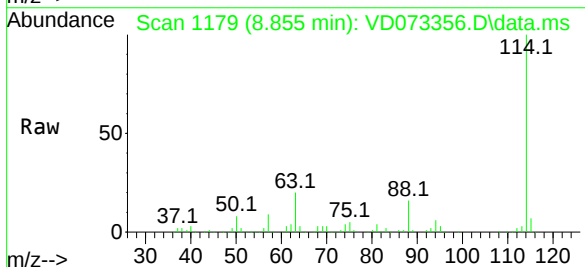
Tgt Ion: 114 Resp: 487336

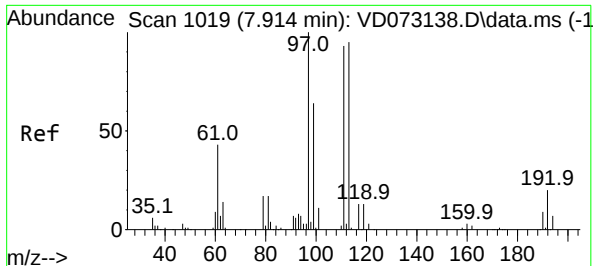
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.634 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

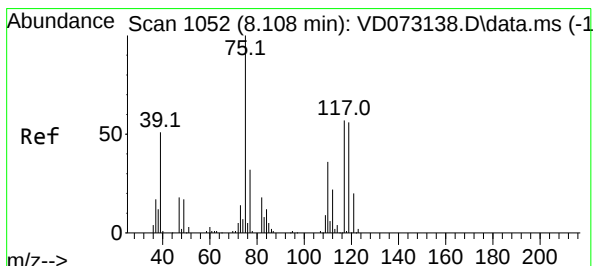
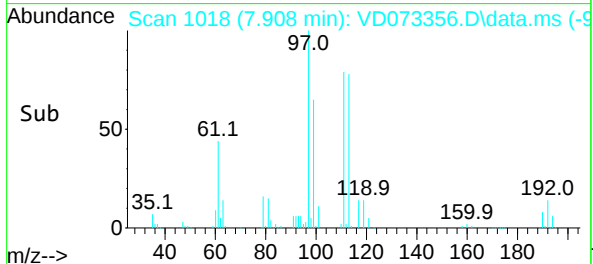
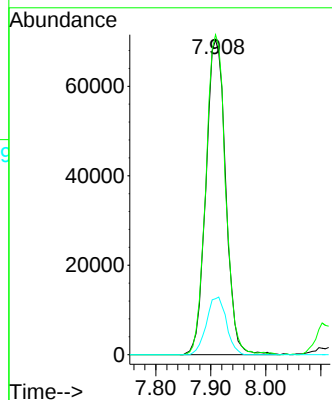
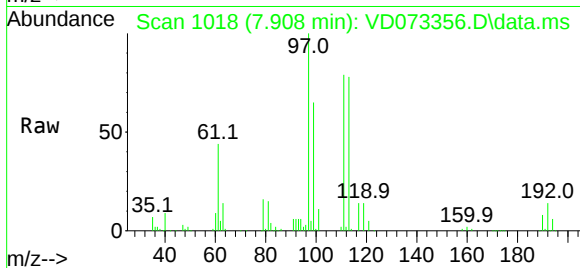
Tgt Ion:113 Resp: 175691

Ion Ratio Lower Upper

113 100

111 100.9 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 47.929 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

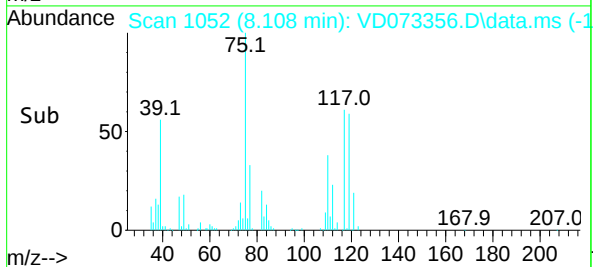
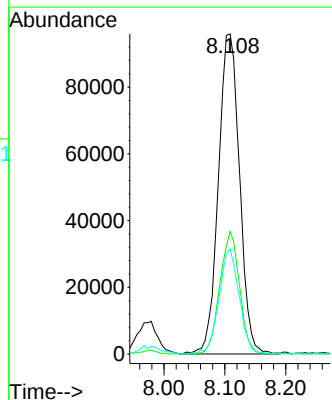
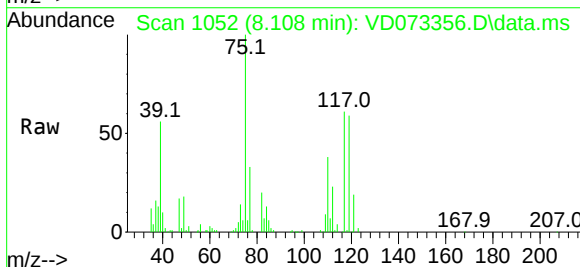
Tgt Ion: 75 Resp: 231807

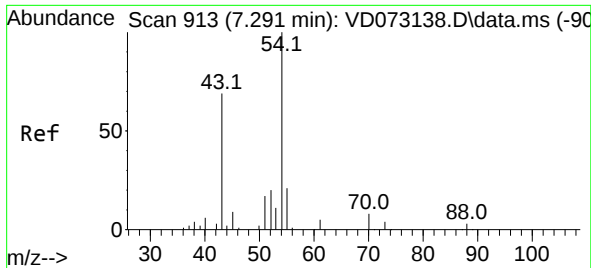
Ion Ratio Lower Upper

75 100

110 35.5 16.4 49.1

77 31.3 24.2 36.2





#37

Ethyl Acetate

Concen: 54.944 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

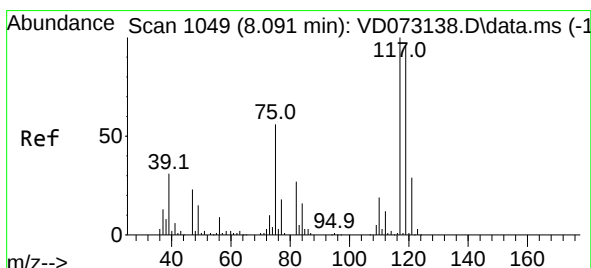
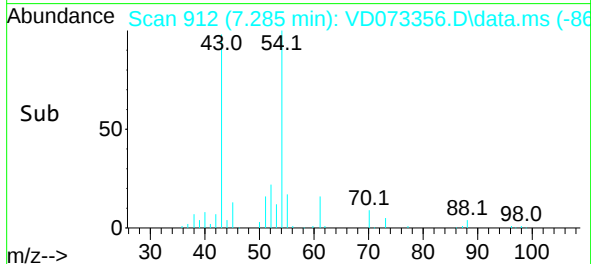
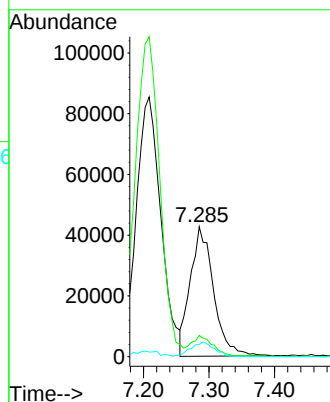
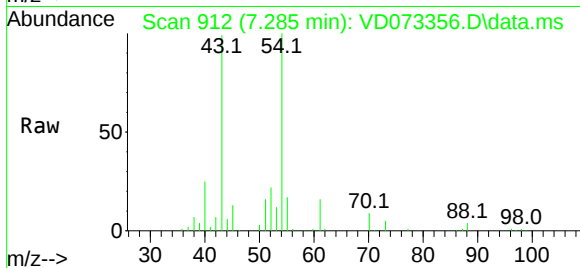
Tgt Ion: 43 Resp: 104963

Ion Ratio Lower Upper

43 100

61 14.1 9.8 14.8

70 11.5 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 48.457 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

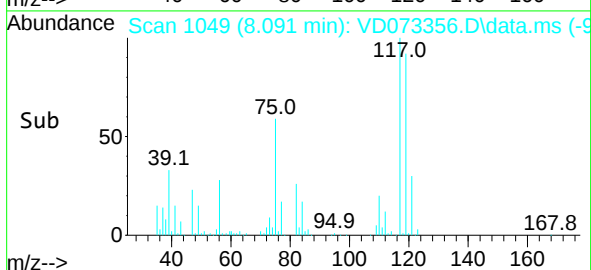
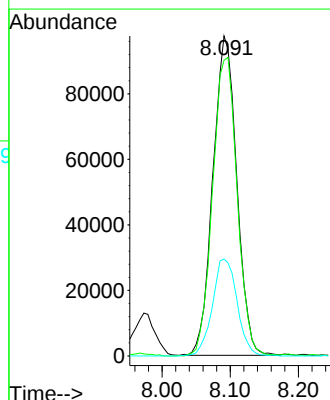
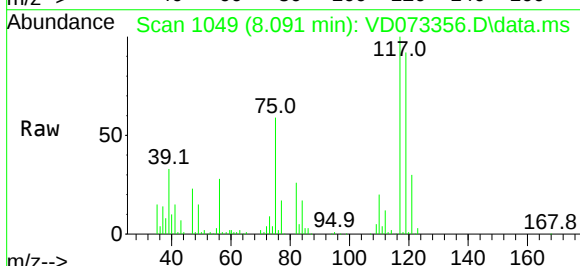
Tgt Ion: 117 Resp: 237565

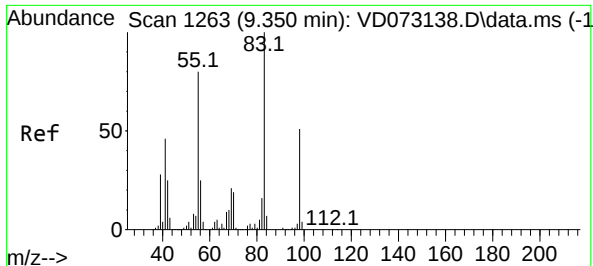
Ion Ratio Lower Upper

117 100

119 92.5 75.8 113.6

121 30.4 24.5 36.7





#39

Methylcyclohexane

Concen: 42.594 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

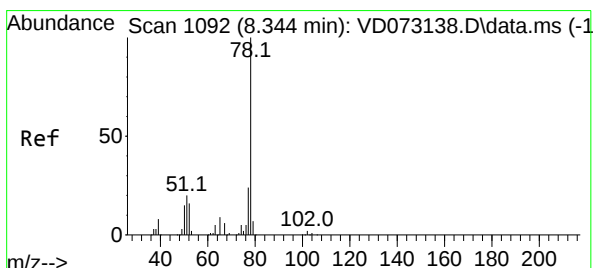
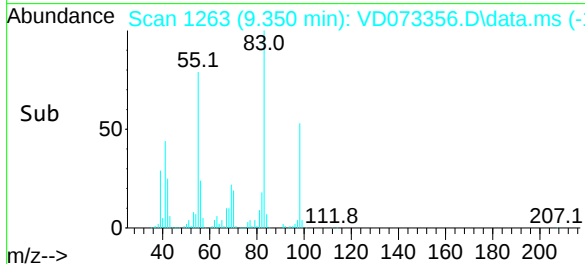
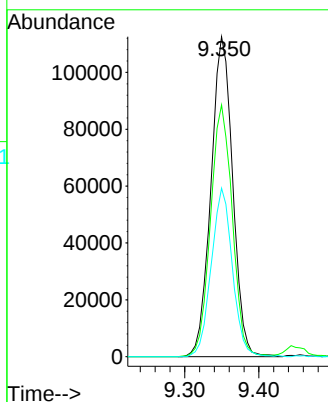
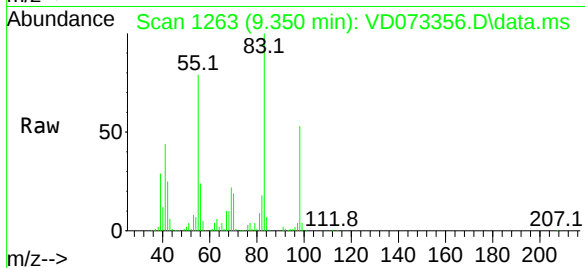
Tgt Ion: 83 Resp: 229583

Ion Ratio Lower Upper

83 100

55 78.7 63.2 94.8

98 52.6 38.2 57.4



#40

Benzene

Concen: 52.285 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073356.D

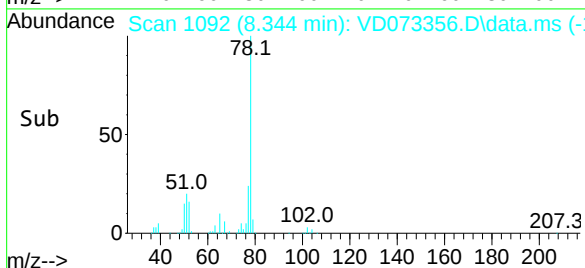
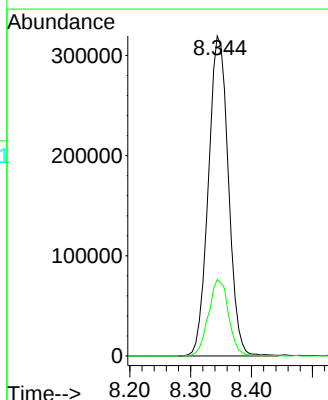
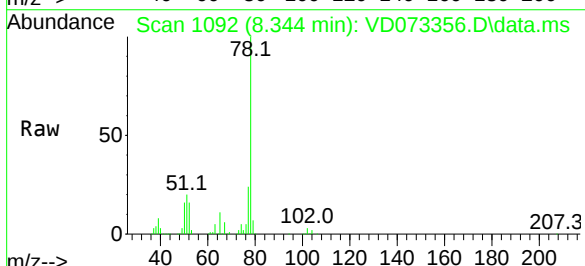
Acq: 25 May 2022 07:37

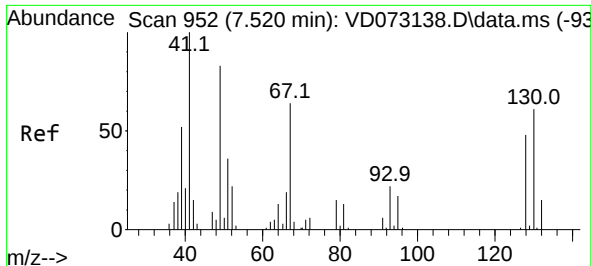
Tgt Ion: 78 Resp: 728789

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

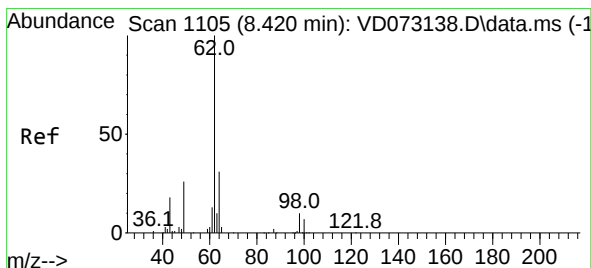
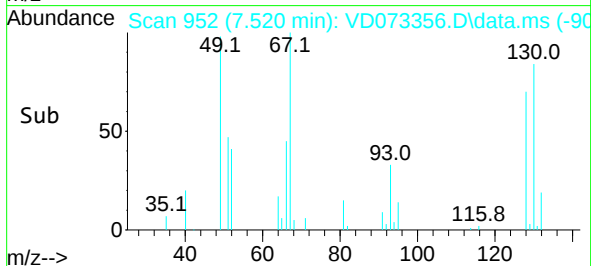
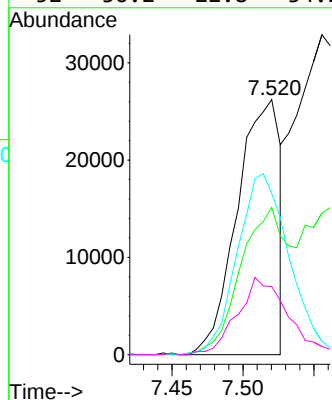
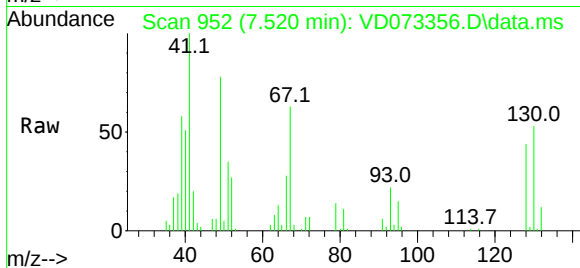




#41
Methacrylonitrile
Concen: 49.500 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

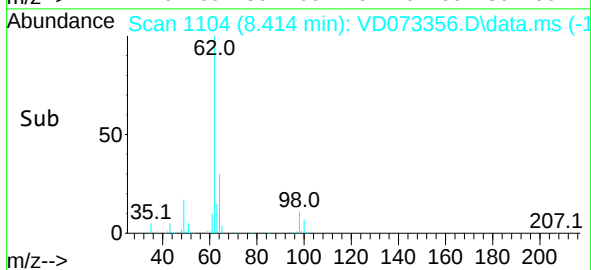
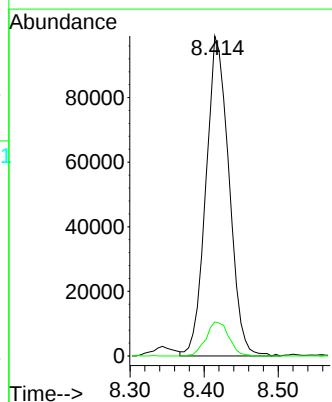
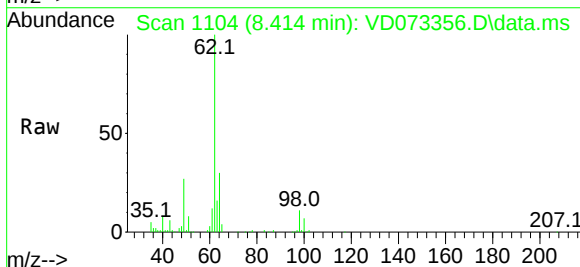
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 55096
Ion Ratio Lower Upper
41 100
39 67.9 44.6 67.0#
67 86.4 48.2 72.4#
52 36.2 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 55.196 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 62 Resp: 214073
Ion Ratio Lower Upper
62 100
98 10.6 0.0 17.6





#43

Isopropyl Acetate

Concen: 56.422 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

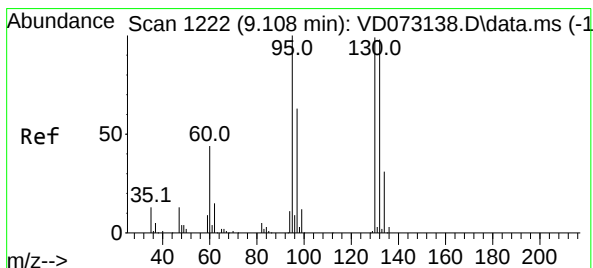
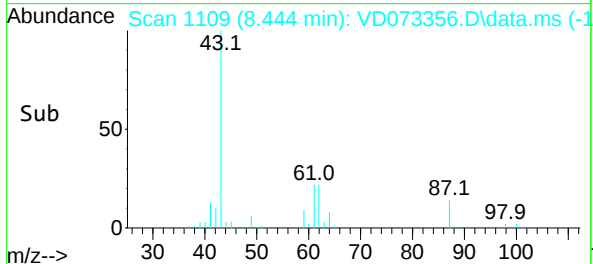
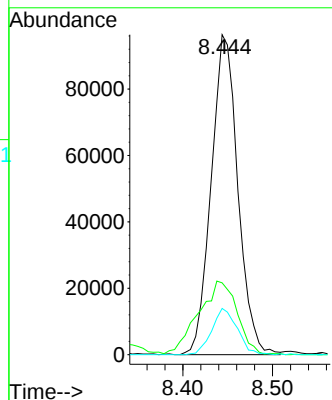
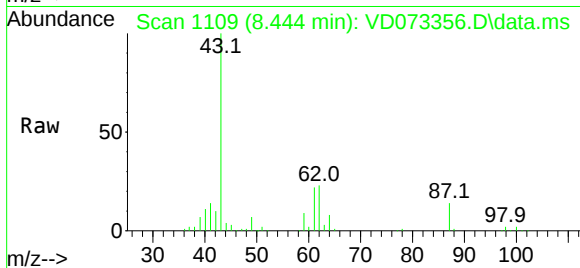
Tgt Ion: 43 Resp: 199230

Ion Ratio Lower Upper

43 100

61 33.3 22.4 33.6

87 13.8 8.7 13.1#



#44

Trichloroethene

Concen: 52.063 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073356.D

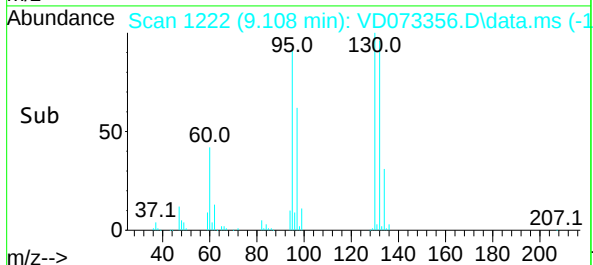
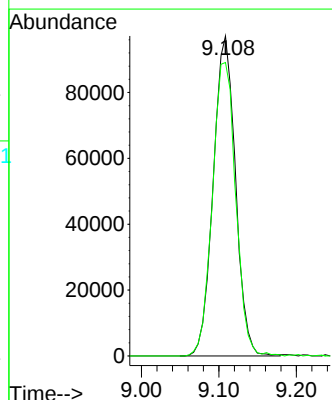
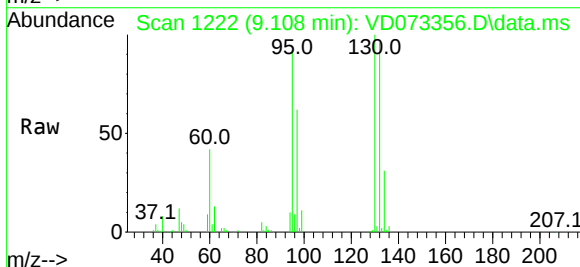
Acq: 25 May 2022 07:37

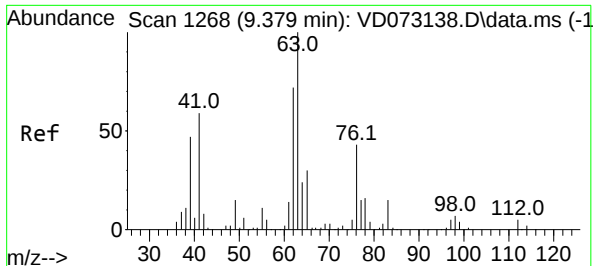
Tgt Ion:130 Resp: 193519

Ion Ratio Lower Upper

130 100

95 91.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 55.190 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

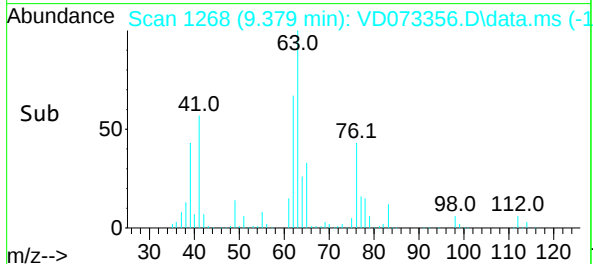
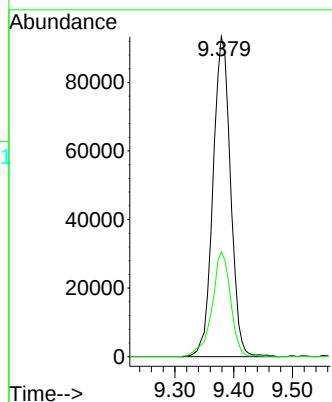
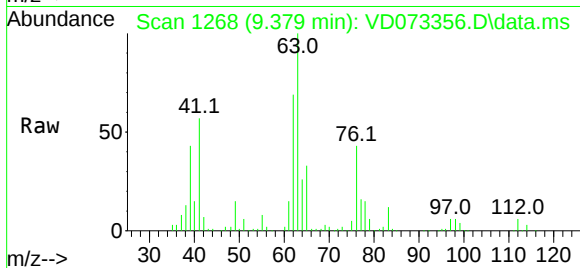
VSTDCCC050EC

Tgt Ion: 63 Resp: 193735

Ion Ratio Lower Upper

63 100

65 32.8 26.2 39.4



#46

Dibromomethane

Concen: 55.629 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

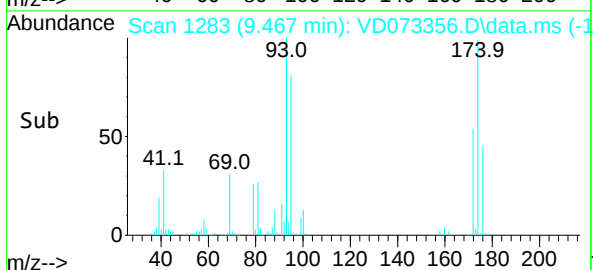
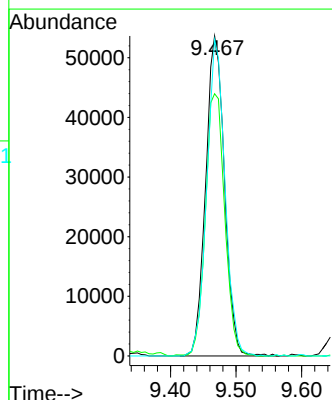
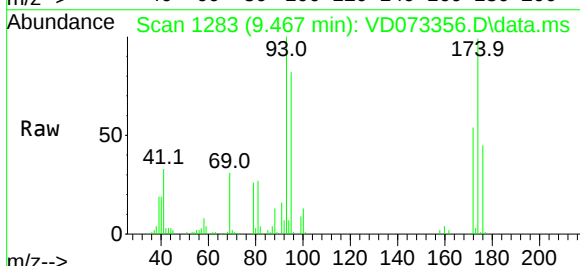
Tgt Ion: 93 Resp: 107249

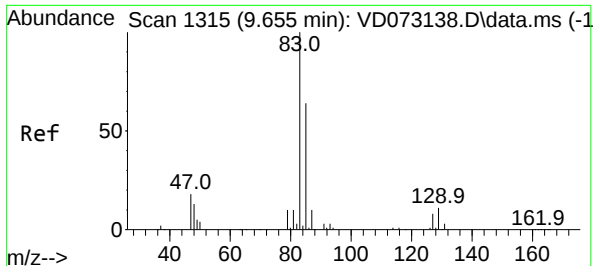
Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

174 95.6 71.6 107.4

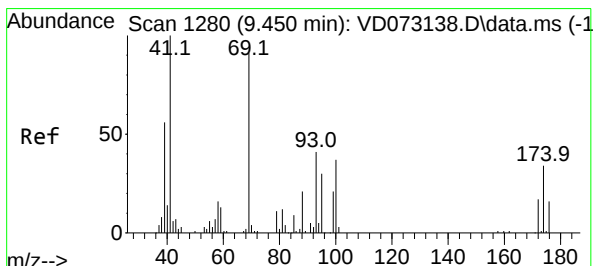
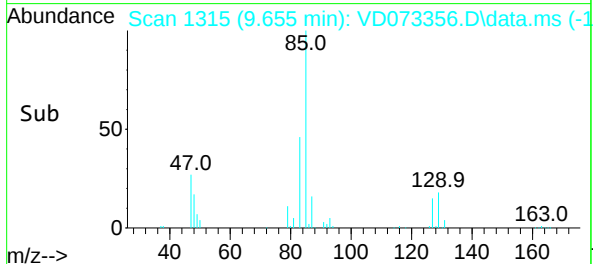
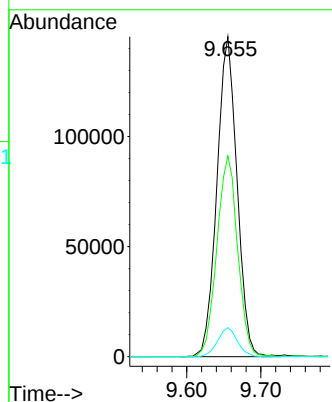
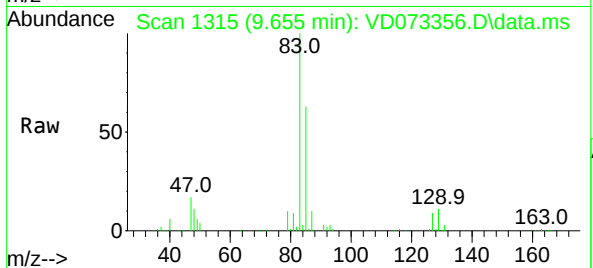




#47
Bromodichloromethane
Concen: 55.520 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

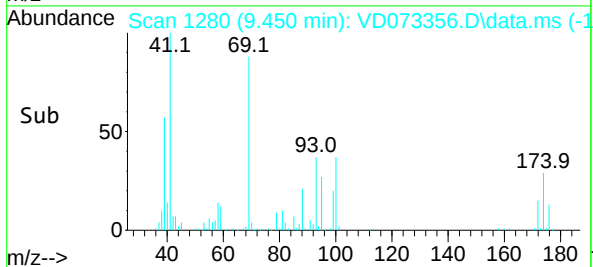
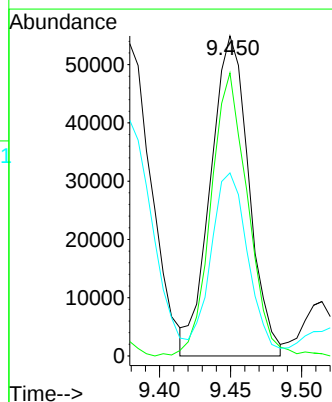
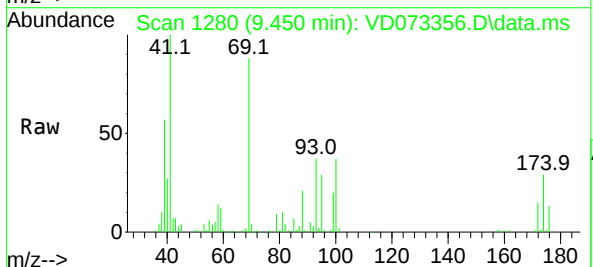
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

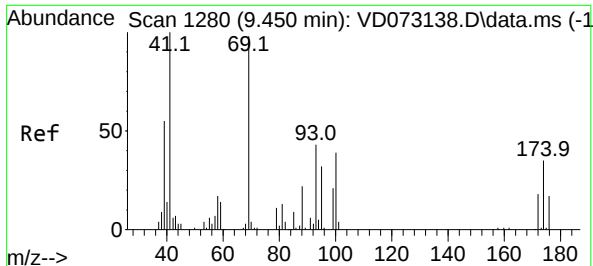
Tgt Ion: 83 Resp: 273878
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.0
127 9.1 6.1 9.1



#48
Methyl methacrylate
Concen: 58.079 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 41 Resp: 103179
Ion Ratio Lower Upper
41 100
69 84.8 56.7 85.1
39 55.6 42.7 64.1

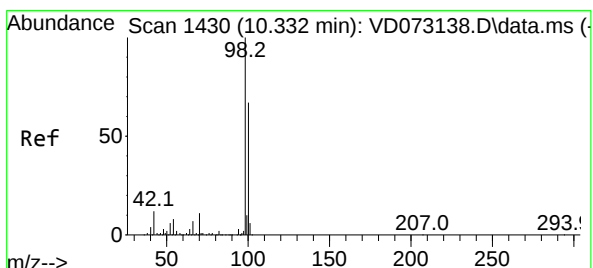
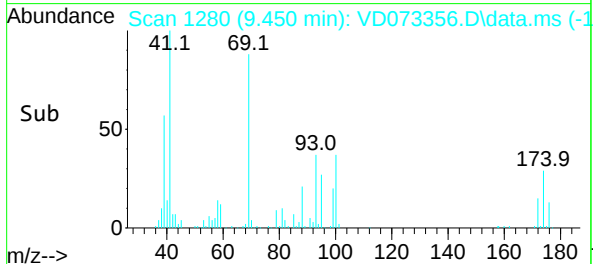
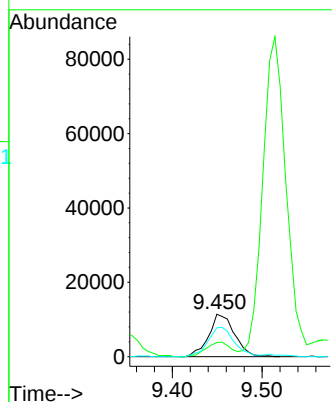
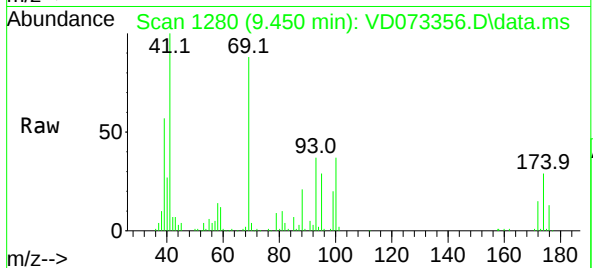




#49
1,4-Dioxane
Concen: 1145.873 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

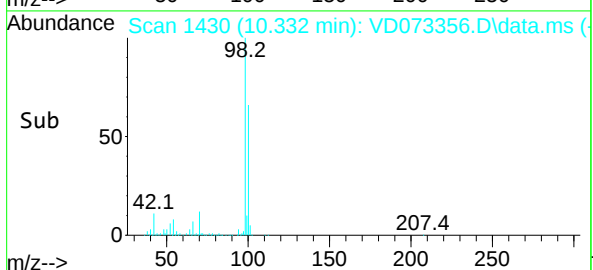
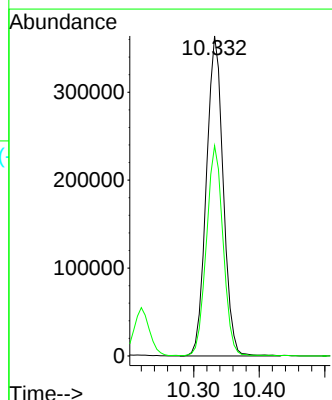
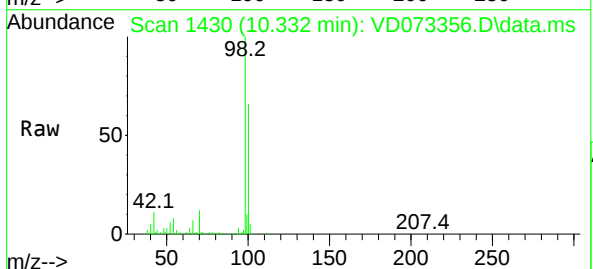
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 22814
Ion Ratio Lower Upper
88 100
43 33.3 31.0 46.4
58 70.3 58.1 87.1



#50
Toluene-d8
Concen: 54.787 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 98 Resp: 649452
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6

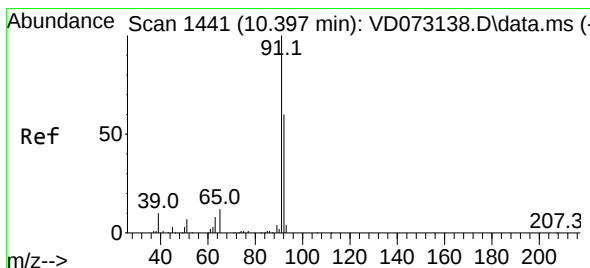
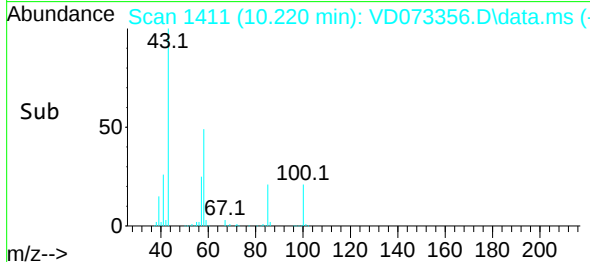
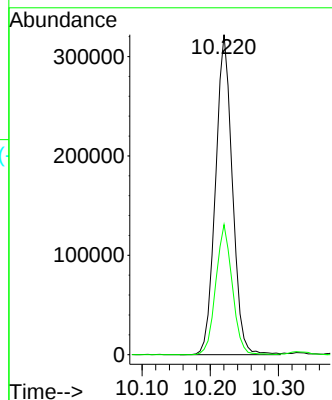
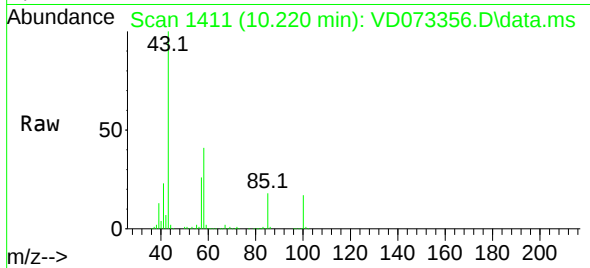




#51
4-Methyl-2-Pentanone
Concen: 302.276 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

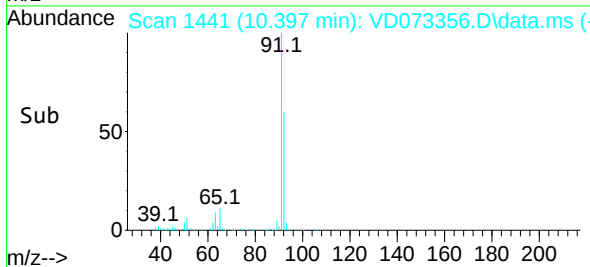
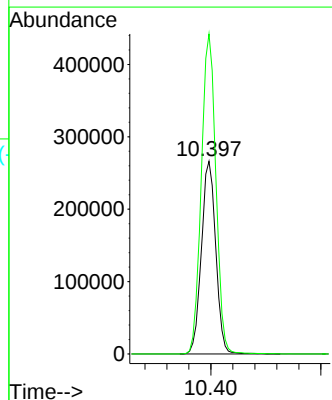
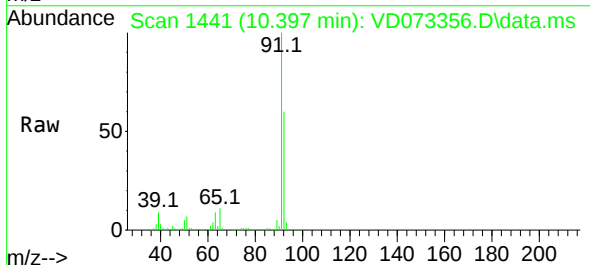
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

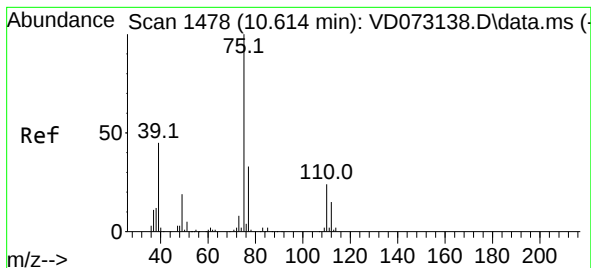
Tgt Ion: 43 Resp: 554364
Ion Ratio Lower Upper
43 100
58 39.7 28.6 43.0



#52
Toluene
Concen: 54.786 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 92 Resp: 482567
Ion Ratio Lower Upper
92 100
91 168.7 139.6 209.4

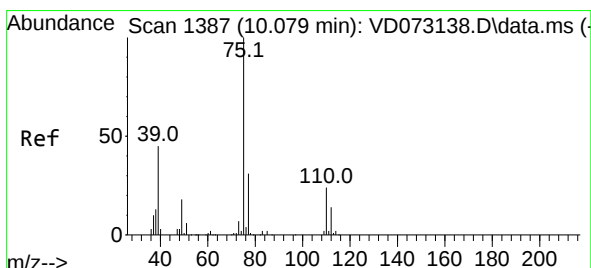
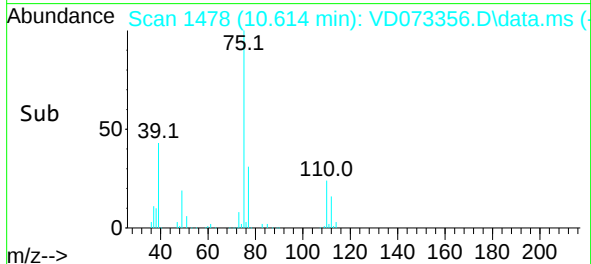
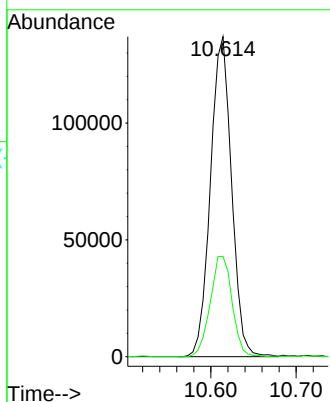
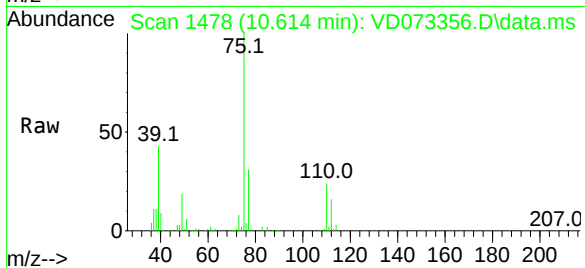




#53
t-1,3-Dichloropropene
Concen: 52.853 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

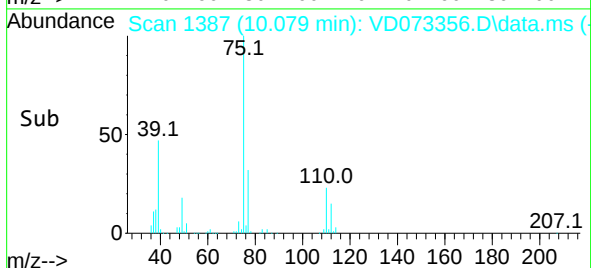
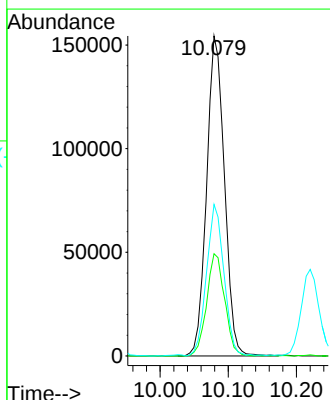
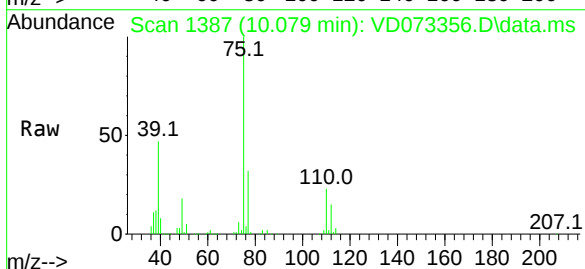
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

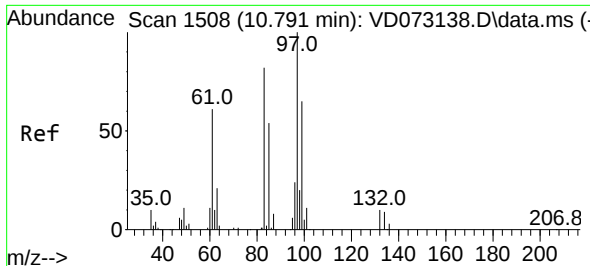
Tgt Ion: 75 Resp: 235541
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 52.647 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 75 Resp: 280772
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 47.1 46.8 70.2

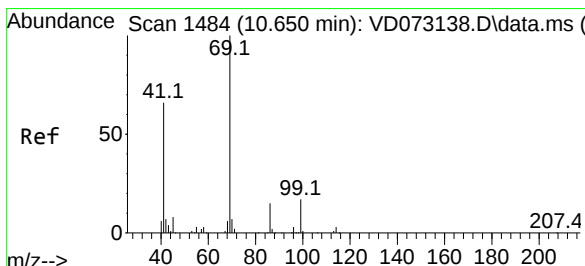
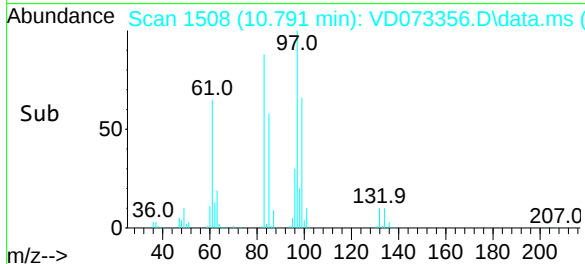
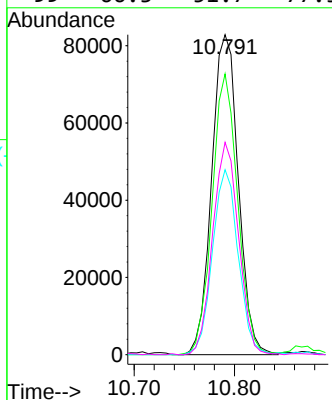
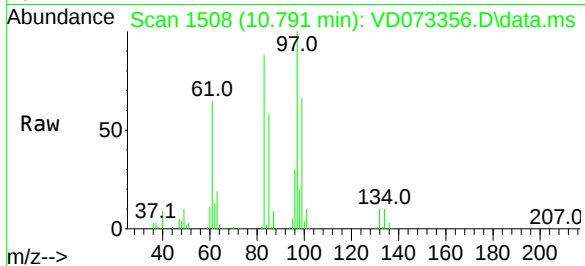




#55
1,1,2-Trichloroethane
Concen: 58.703 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

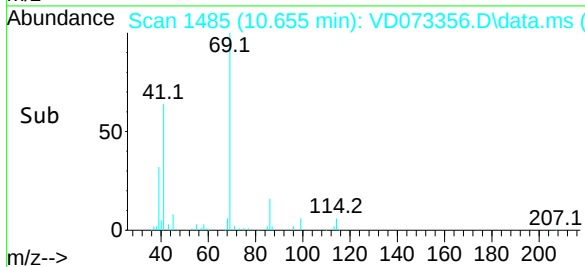
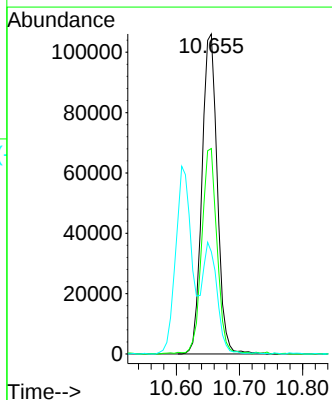
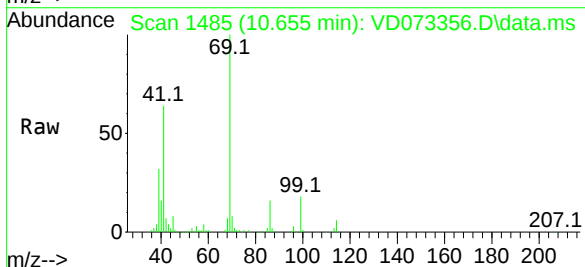
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

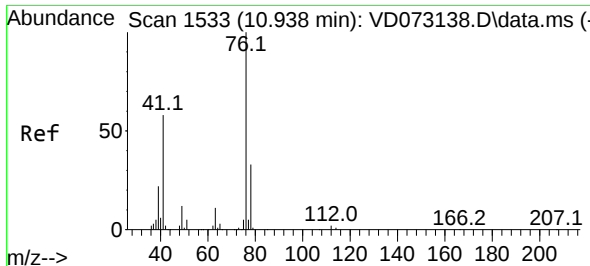
Tgt Ion:	97	Resp:	153042
Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.0	103.4
85	57.8	42.6	63.8
99	66.3	51.7	77.5



#56
Ethyl methacrylate
Concen: 61.664 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion:	69	Resp:	178742
Ion	Ratio	Lower	Upper
69	100		
41	64.6	63.0	94.6
39	34.1	33.8	50.8

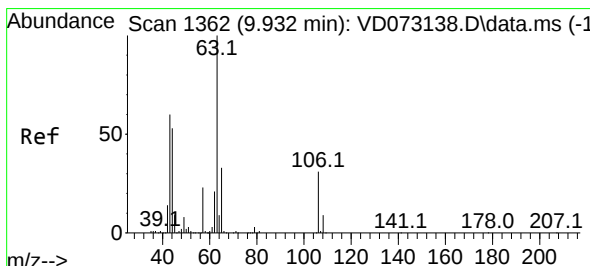
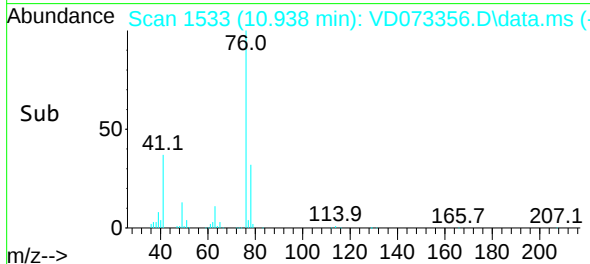
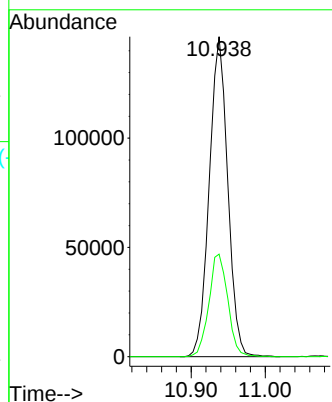
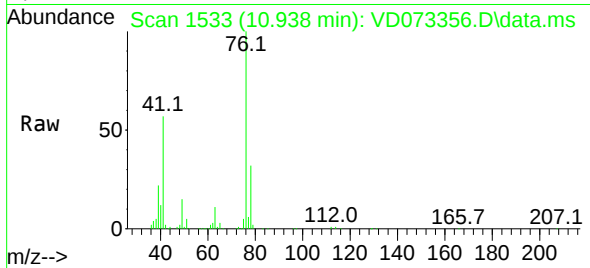




#57
1,3-Dichloropropane
Concen: 57.940 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

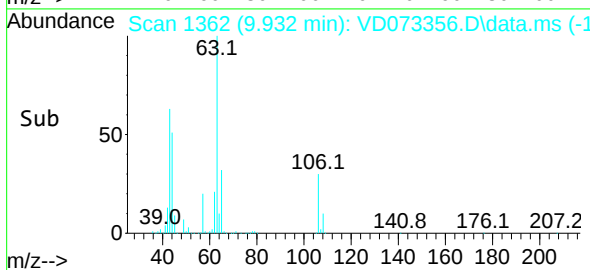
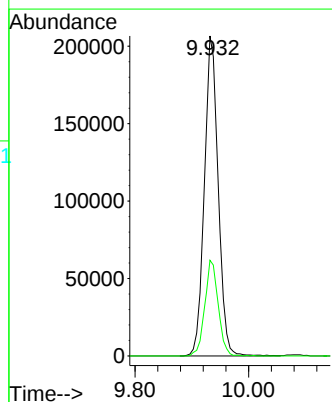
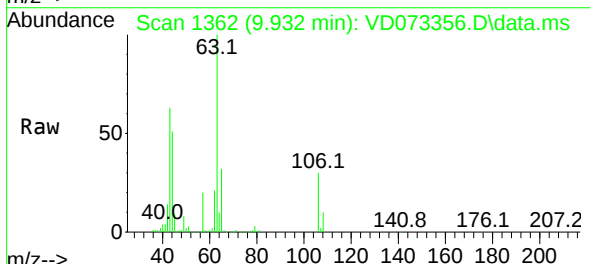
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

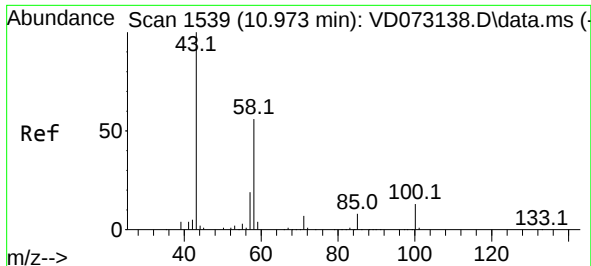
Tgt Ion: 76 Resp: 253453
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 252.645 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 63 Resp: 348276
Ion Ratio Lower Upper
63 100
106 28.9 21.4 32.0

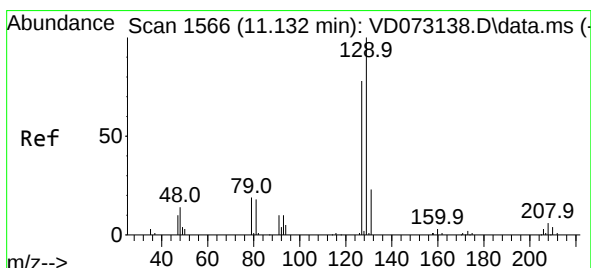
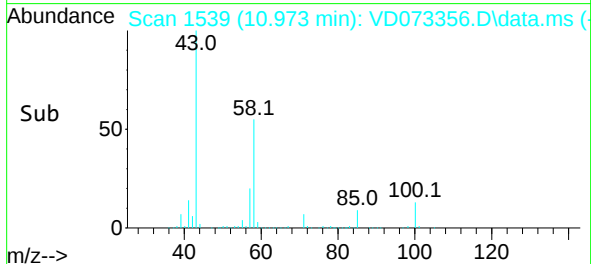
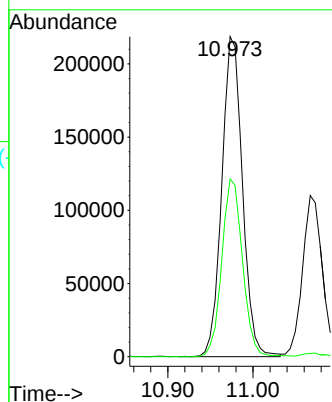
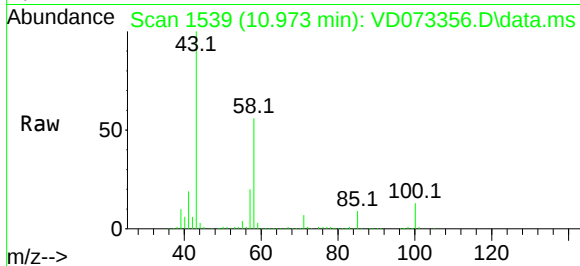




#59
2-Hexanone
Concen: 304.317 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

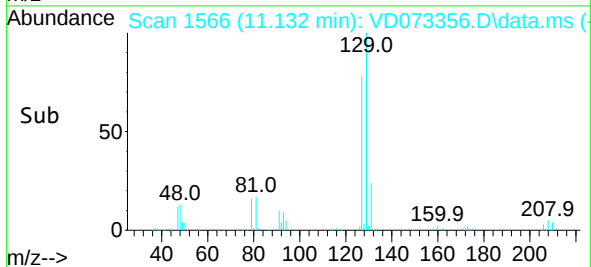
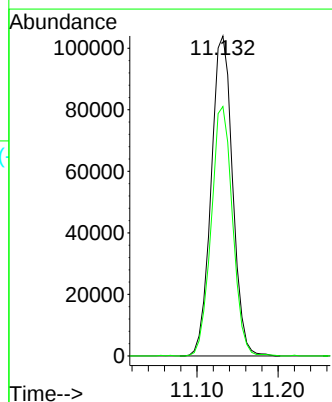
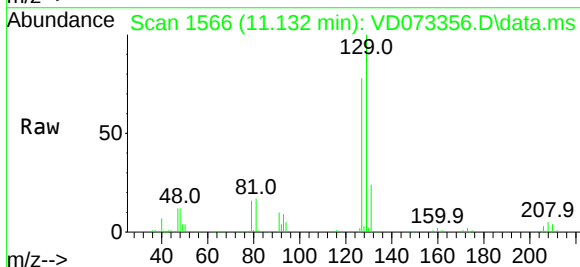
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

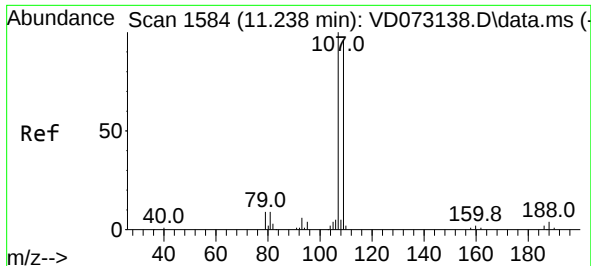
Tgt Ion: 43 Resp: 367952
Ion Ratio Lower Upper
43 100
58 55.9 25.3 75.9



#60
Dibromochloromethane
Concen: 58.628 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 129 Resp: 190590
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

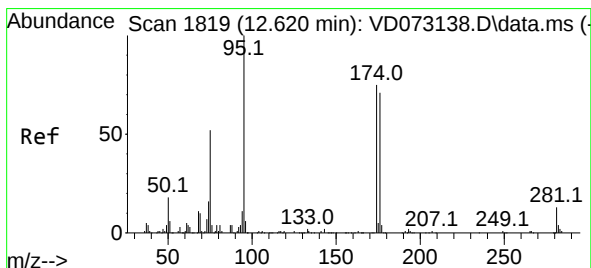
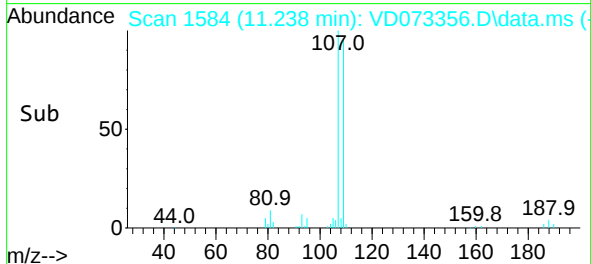
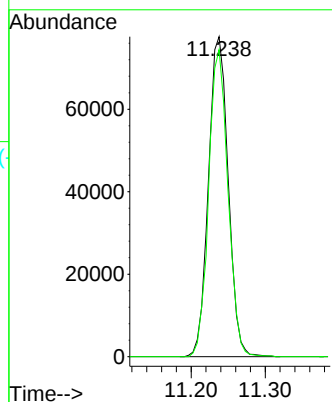
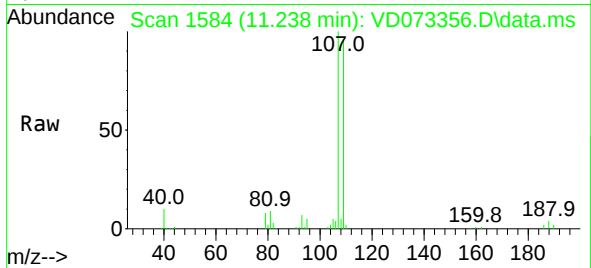




#61
1,2-Dibromoethane
Concen: 57.685 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

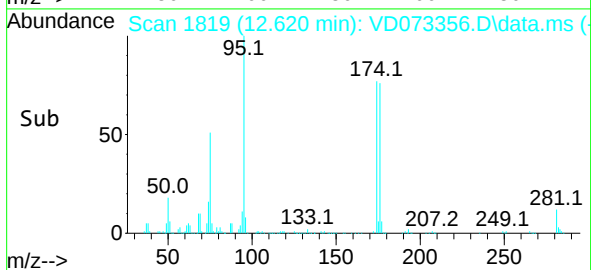
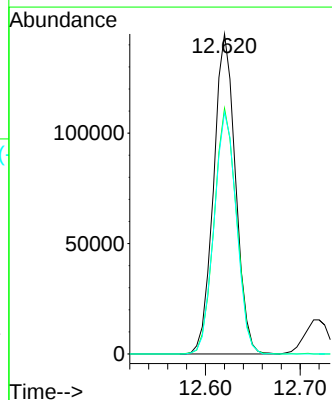
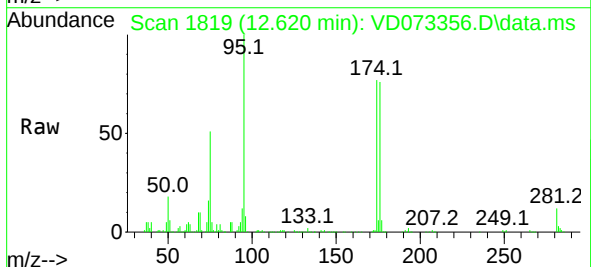
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

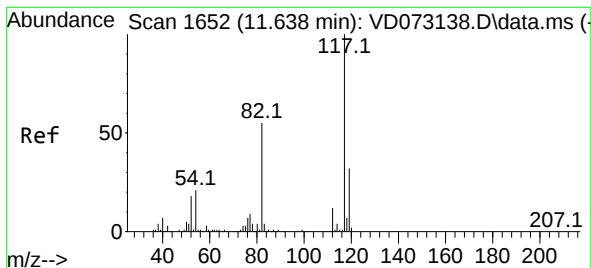
Tgt Ion:107 Resp: 143707
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.114 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 95 Resp: 233438
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 77.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073356.D

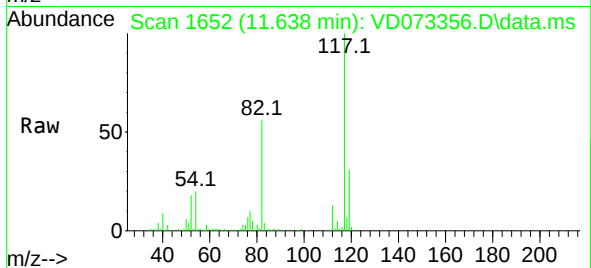
Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



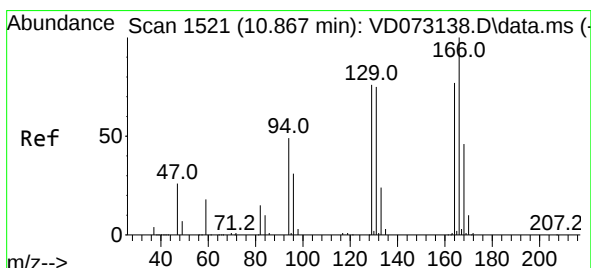
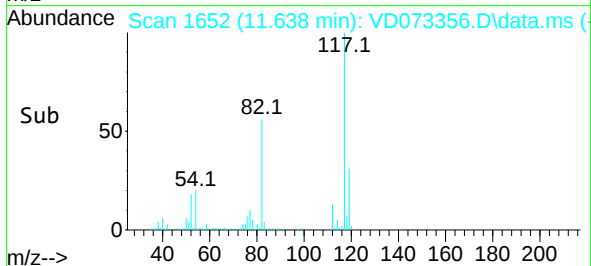
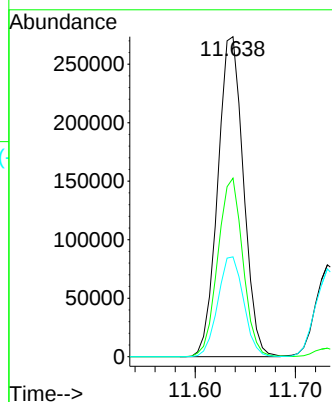
Tgt Ion:117 Resp: 486598

Ion Ratio Lower Upper

117 100

82 55.8 45.3 67.9

119 31.2 26.6 40.0



#64

Tetrachloroethene

Concen: 48.268 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Tgt Ion:164 Resp: 153836

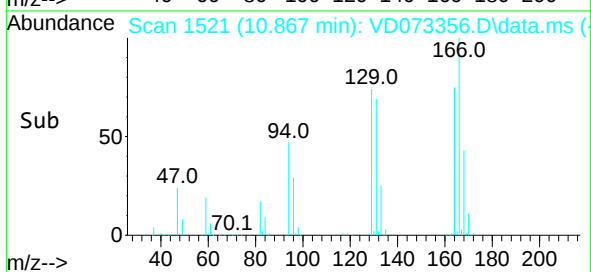
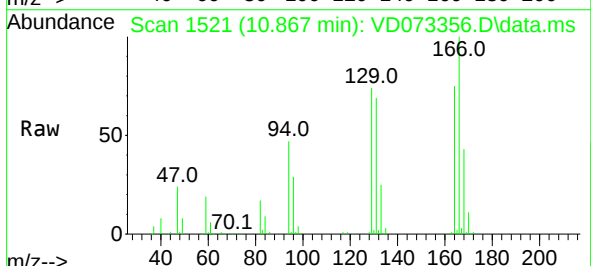
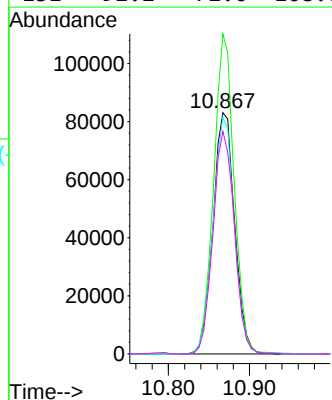
Ion Ratio Lower Upper

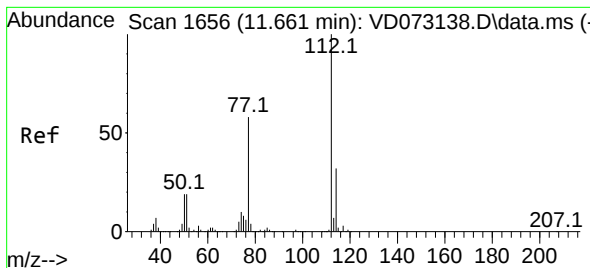
164 100

166 132.7 98.5 147.7

129 98.0 74.6 111.8

131 92.2 72.0 108.0

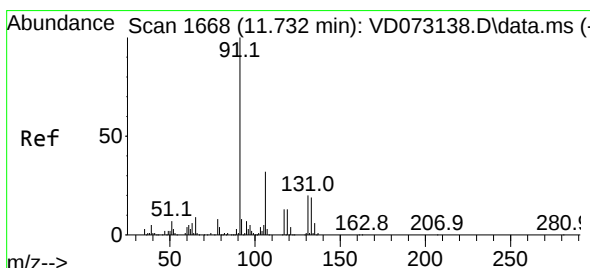
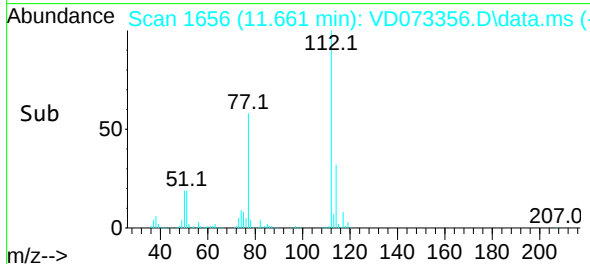
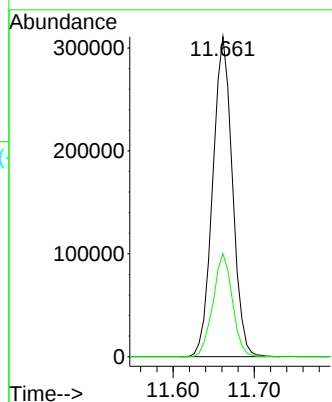
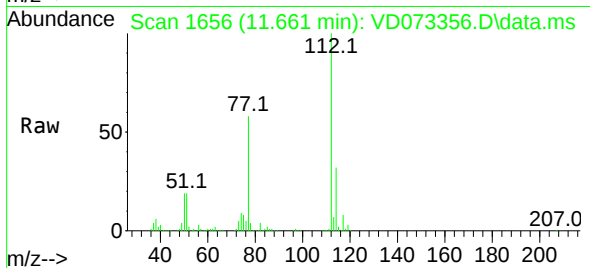




#65
Chlorobenzene
Concen: 52.443 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

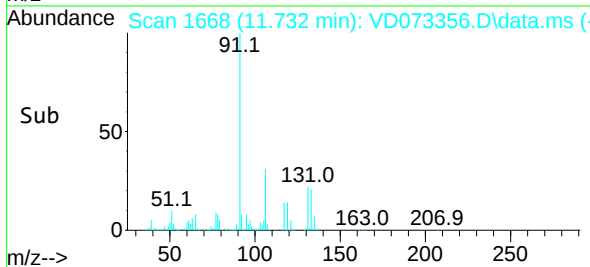
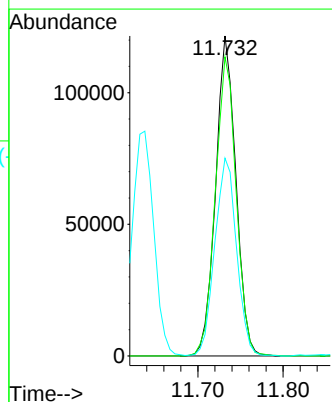
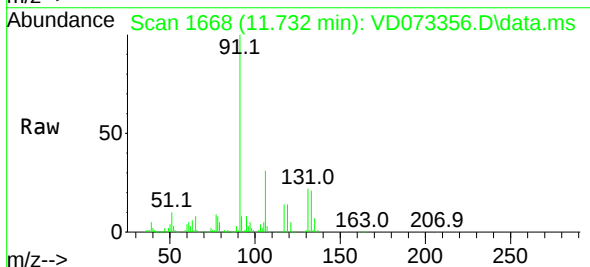
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

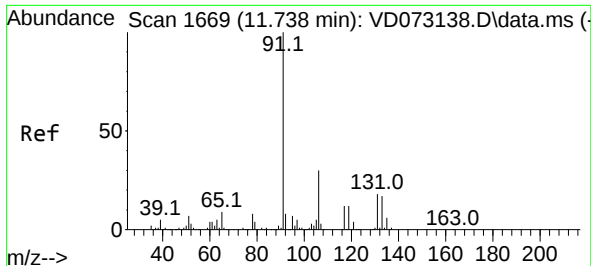
Tgt Ion:112 Resp: 523510
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.293 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion:131 Resp: 201003
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.3
119 66.3 31.9 95.9





#67

Ethyl Benzene

Concen: 52.194 ug/l

RT: 11.738 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

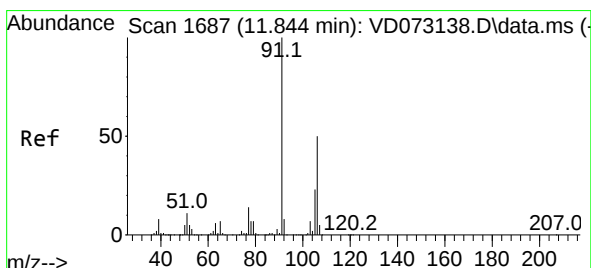
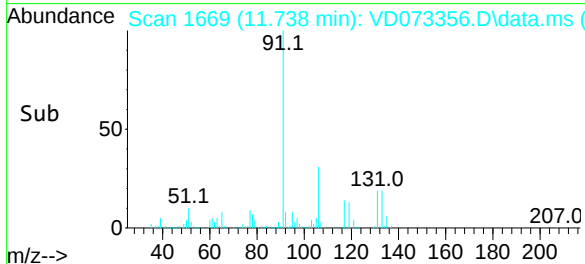
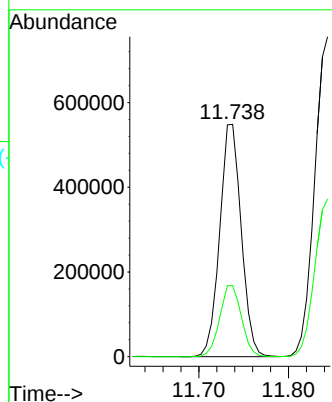
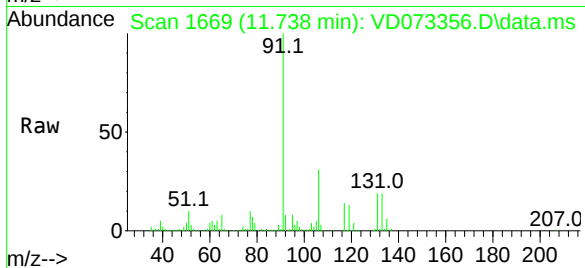
VSTDCCC050EC

Tgt Ion: 91 Resp: 914634

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.4



#68

m/p-Xylenes

Concen: 105.577 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073356.D

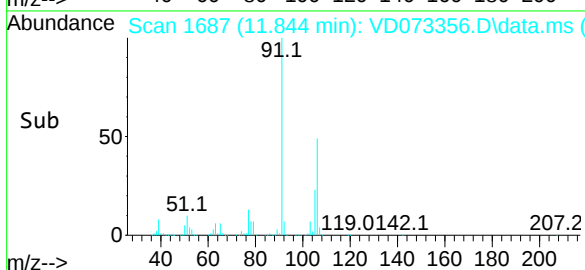
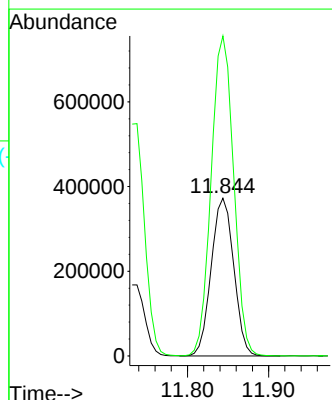
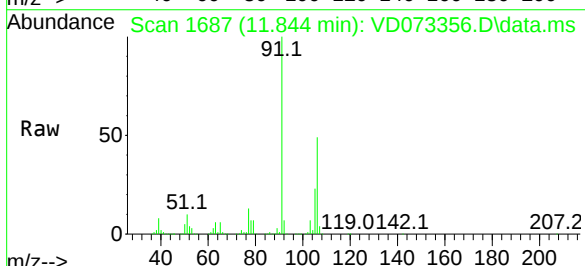
Acq: 25 May 2022 07:37

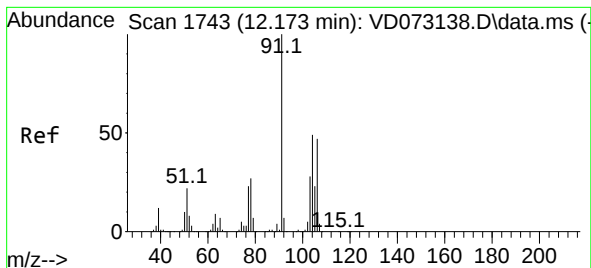
Tgt Ion: 106 Resp: 718793

Ion Ratio Lower Upper

106 100

91 202.5 163.7 245.5





#69

o-Xylene

Concen: 54.154 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. -0.006 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

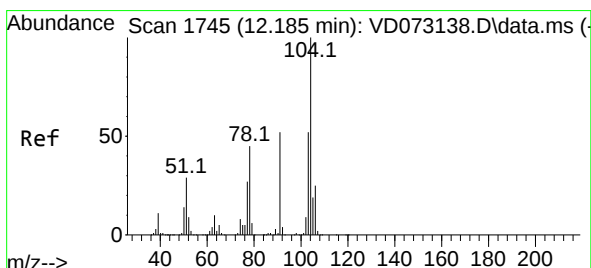
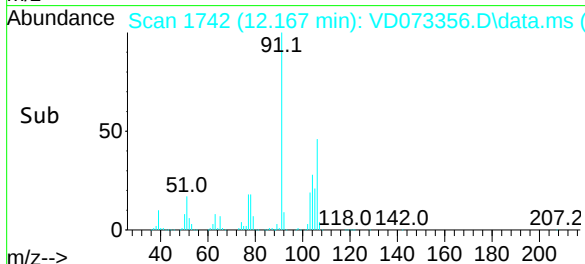
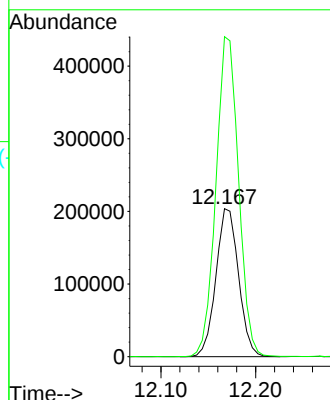
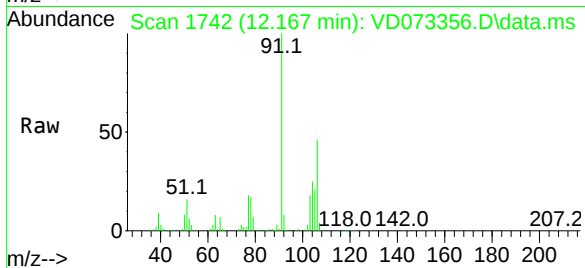
VSTDCCC050EC

Tgt Ion:106 Resp: 338702

Ion Ratio Lower Upper

106 100

91 216.4 110.4 331.2



#70

Styrene

Concen: 56.721 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

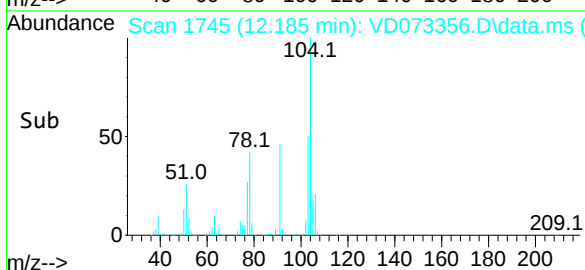
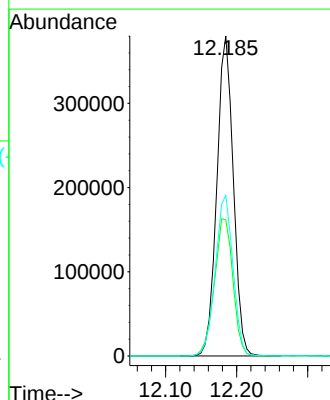
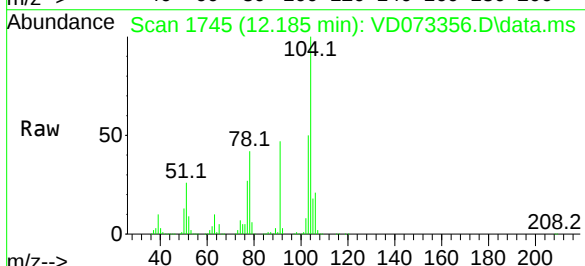
Tgt Ion:104 Resp: 610351

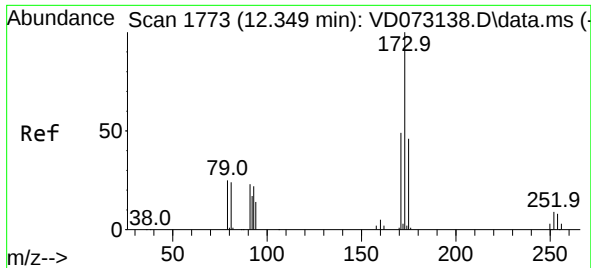
Ion Ratio Lower Upper

104 100

78 48.2 41.8 62.8

103 54.0 44.2 66.4

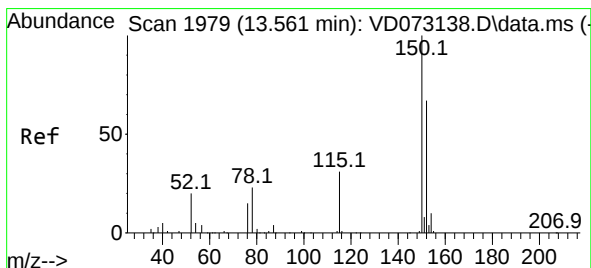
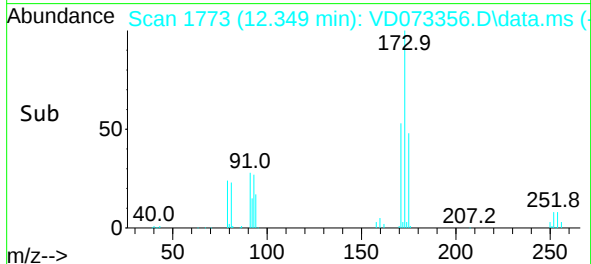
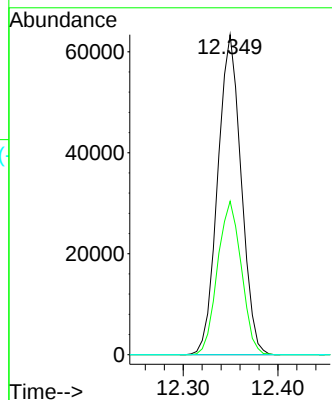
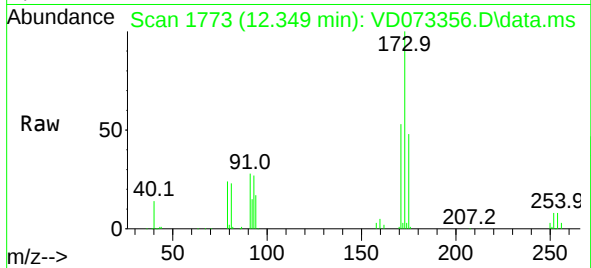




#71
Bromoform
Concen: 57.254 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

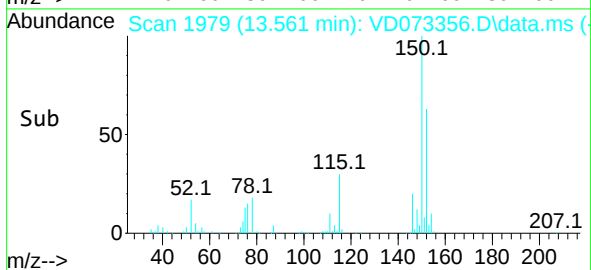
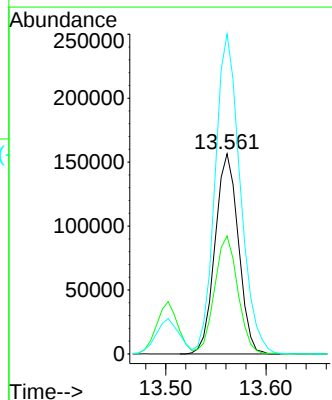
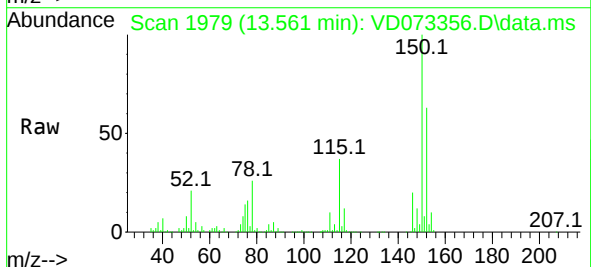
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

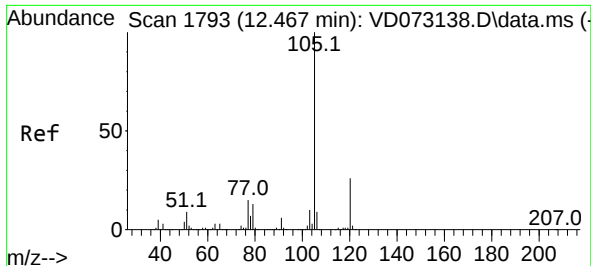
Tgt Ion:173 Resp: 109091
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion:152 Resp: 252474
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 172.5 0.0 348.6

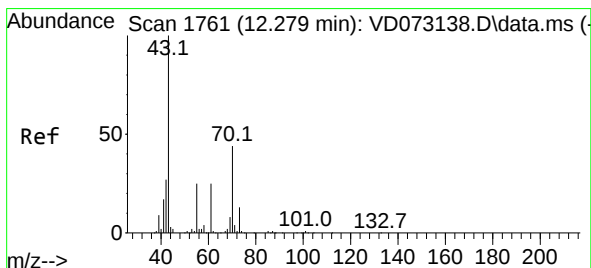
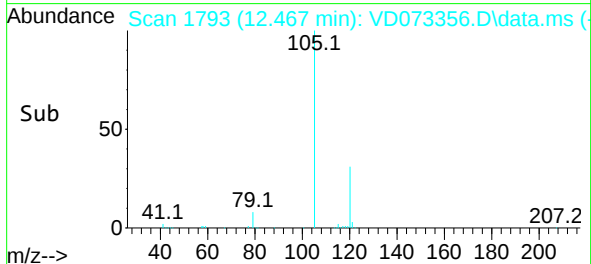
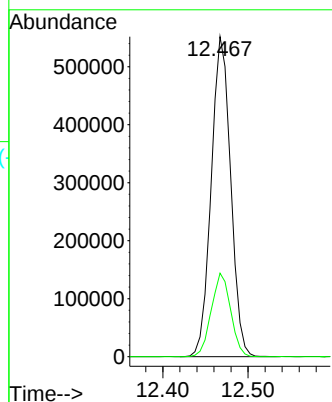
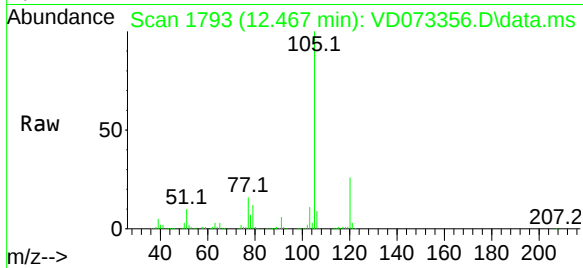




#73
Isopropylbenzene
Concen: 48.715 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

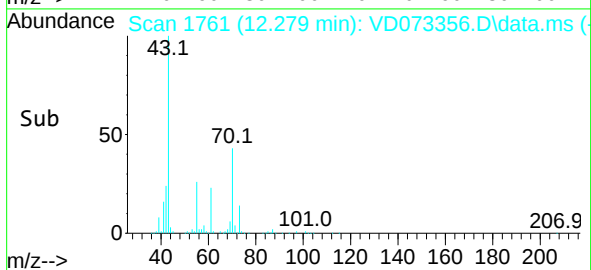
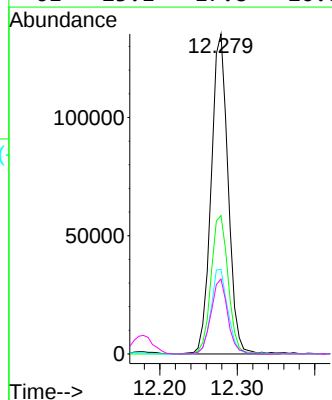
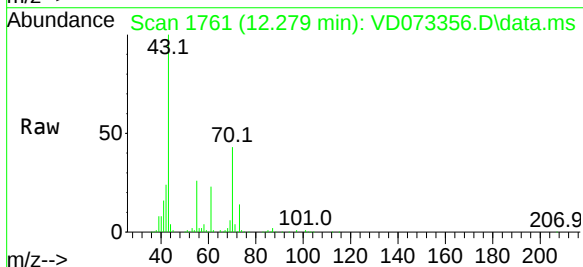
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

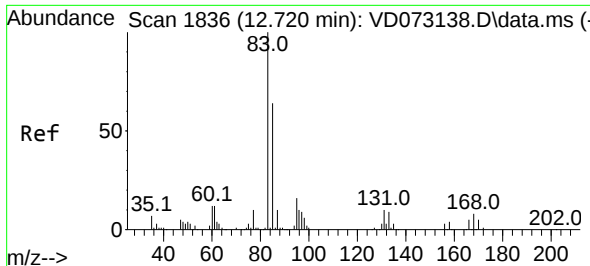
Tgt Ion:105 Resp: 876803
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 52.277 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 43 Resp: 205263
Ion Ratio Lower Upper
43 100
70 43.9 31.3 46.9
55 26.4 20.0 30.0
61 23.1 17.8 26.8

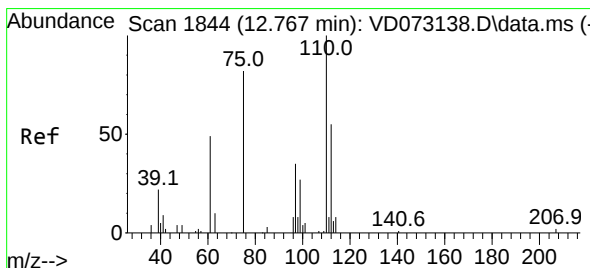
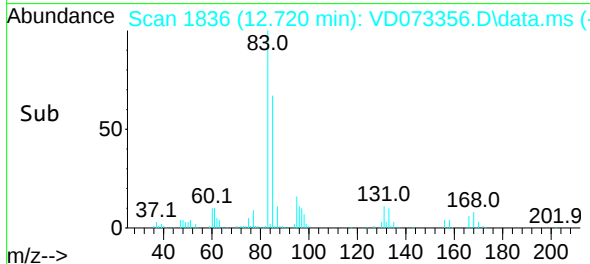
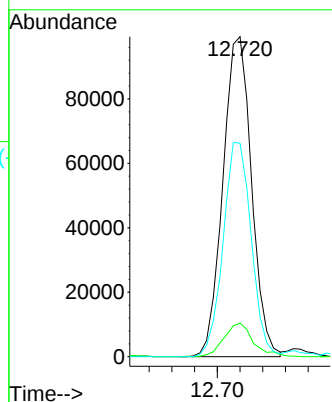
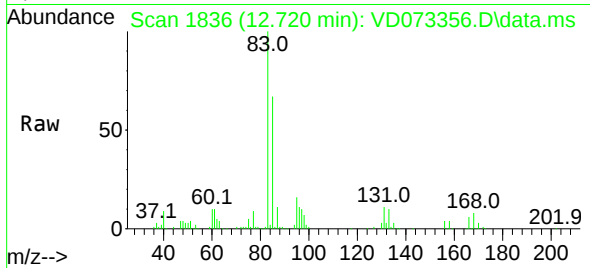




#75
1,1,2,2-Tetrachloroethane
Concen: 52.352 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

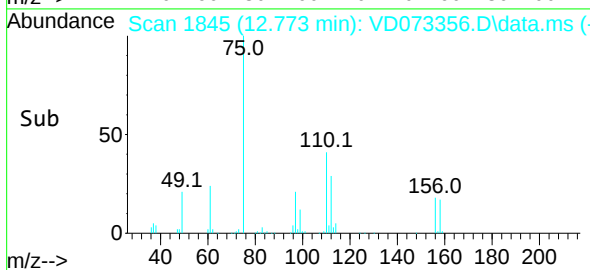
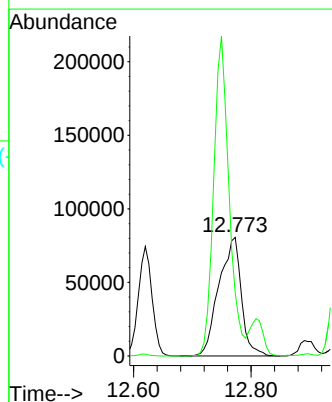
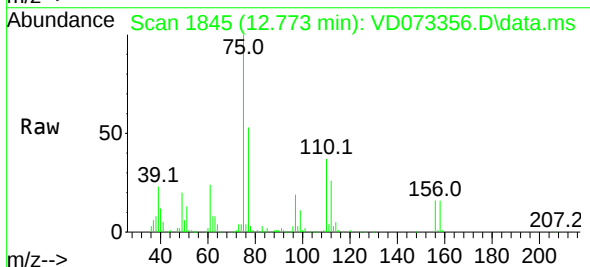
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

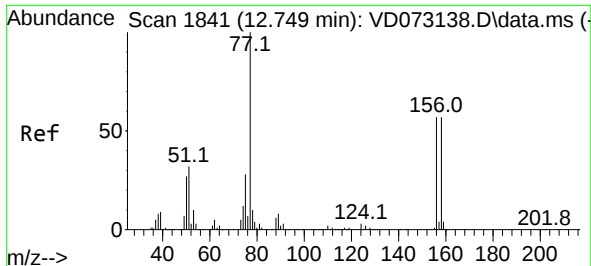
Tgt Ion: 83 Resp: 173783
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 65.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 86.310 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 75 Resp: 213808
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

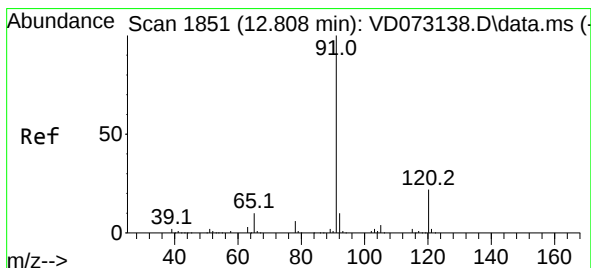
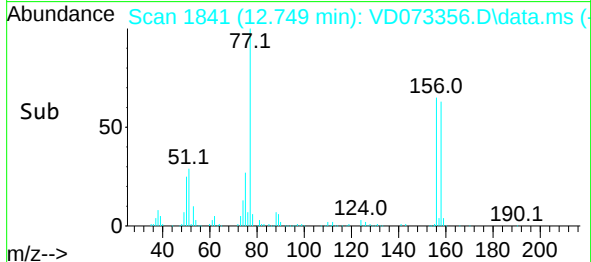
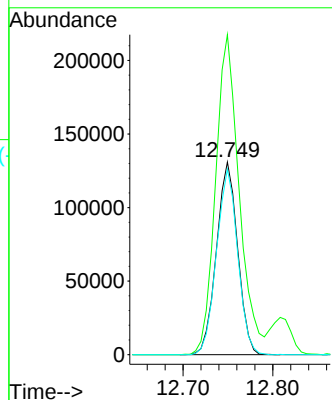
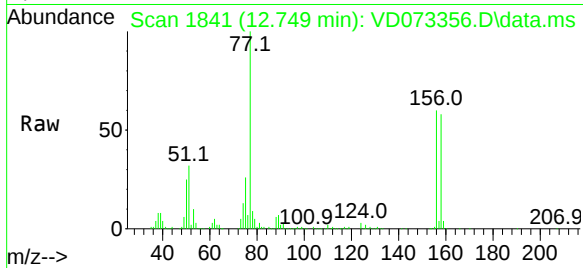




#77
Bromobenzene
Concen: 50.611 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

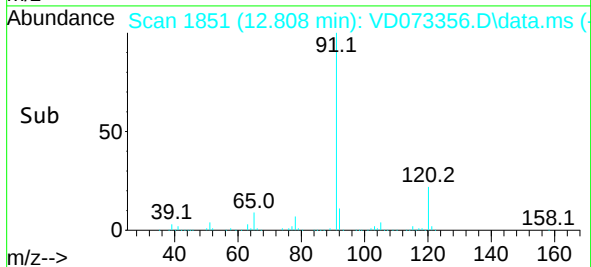
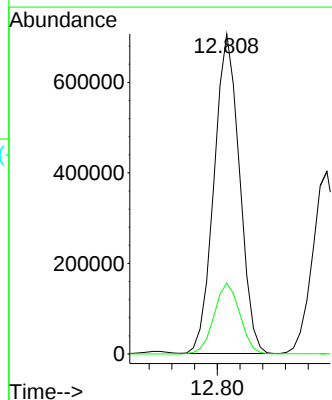
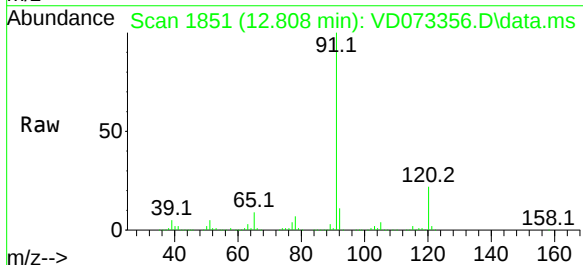
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

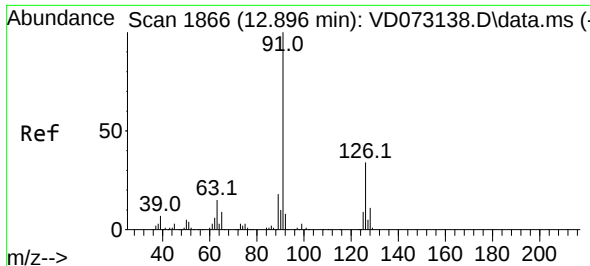
Tgt Ion:156 Resp: 214436
Ion Ratio Lower Upper
156 100
77 185.3 102.8 308.3
158 96.2 48.7 146.1



#78
n-propylbenzene
Concen: 48.579 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 91 Resp: 1097689
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9

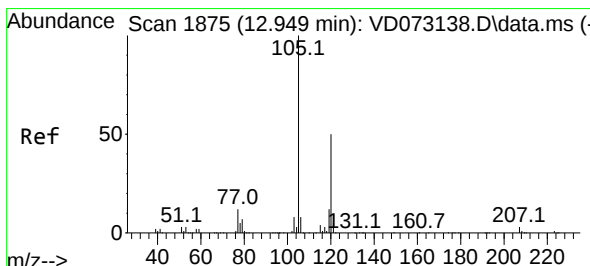
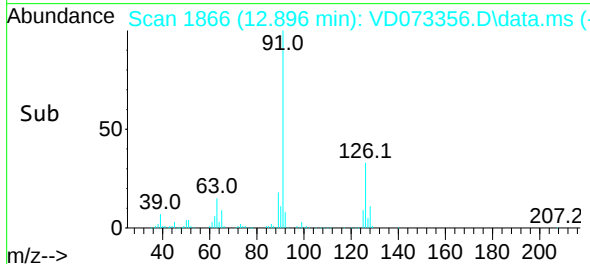
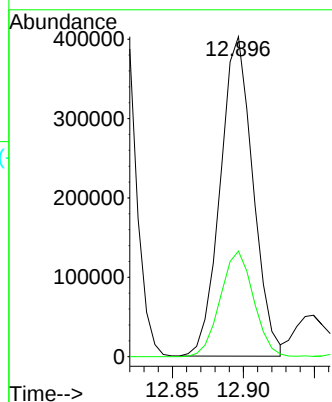
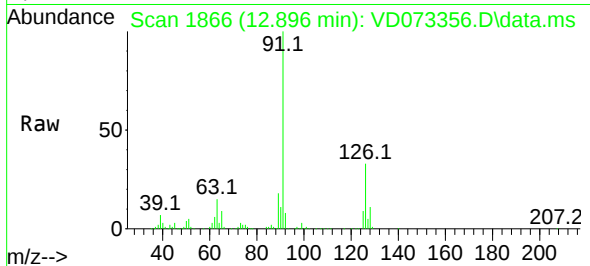




#79
2-Chlorotoluene
Concen: 49.479 ug/l
RT: 12.896 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

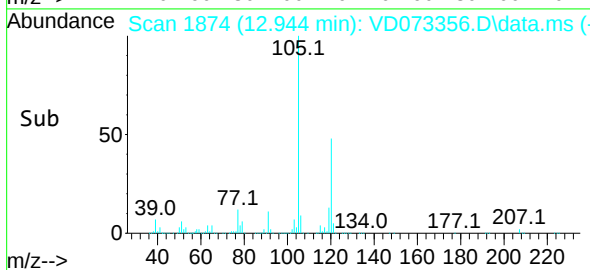
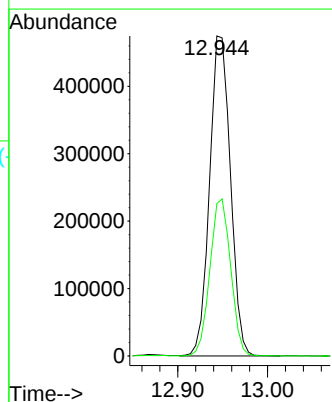
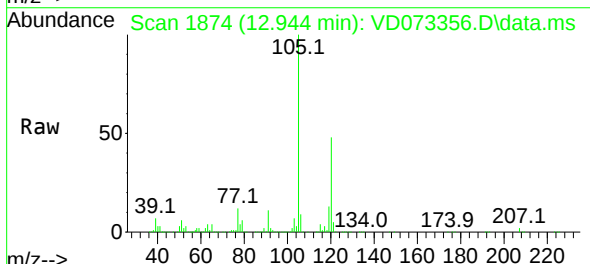
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

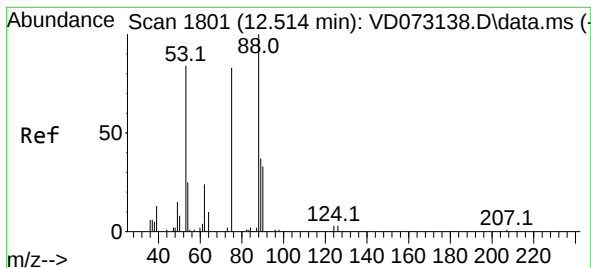
Tgt Ion: 91 Resp: 645538
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 50.283 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.005 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 105 Resp: 766659
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8

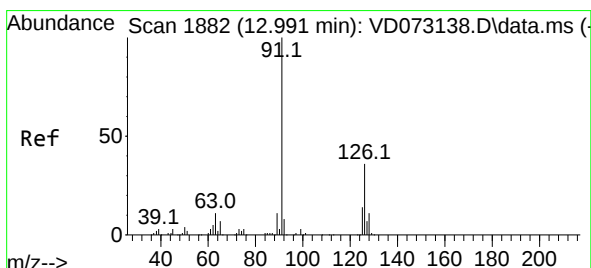
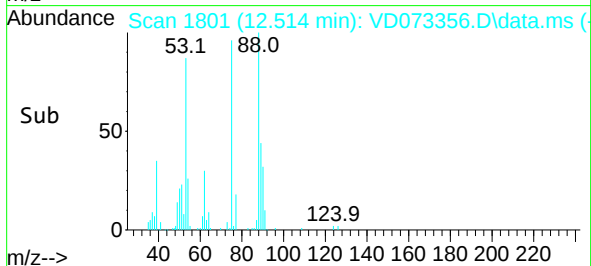
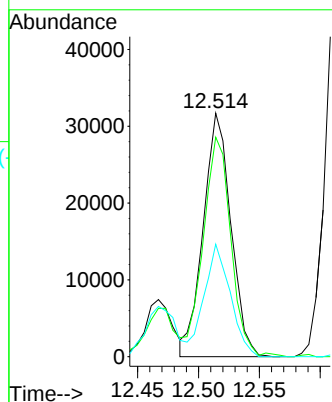
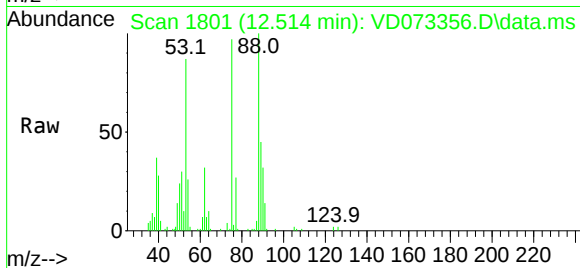




#81
trans-1,4-Dichloro-2-butene
Concen: 48.562 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

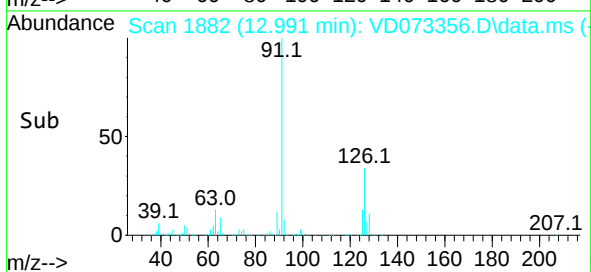
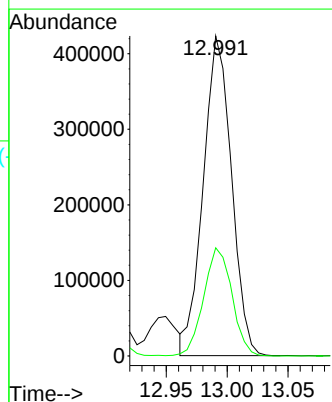
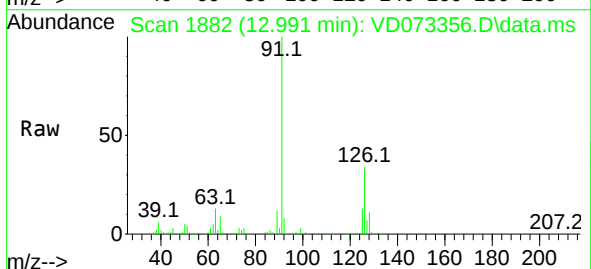
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

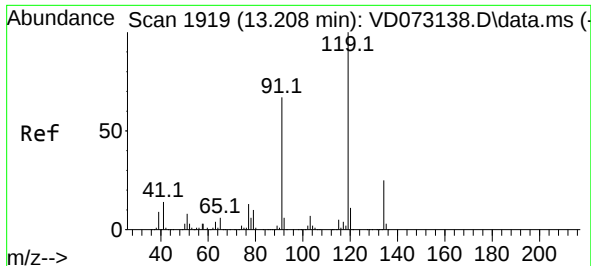
Tgt Ion: 75 Resp: 50110
Ion Ratio Lower Upper
75 100
53 90.3 86.5 129.7
89 43.4 33.9 50.9



#82
4-Chlorotoluene
Concen: 49.868 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 91 Resp: 681949
Ion Ratio Lower Upper
91 100
126 33.9 16.5 49.5

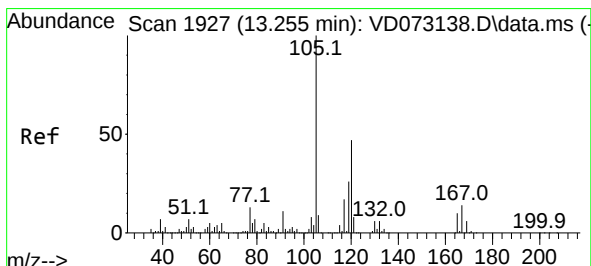
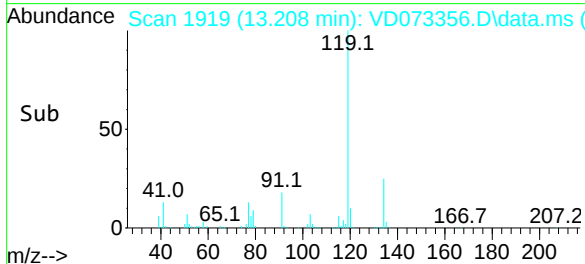
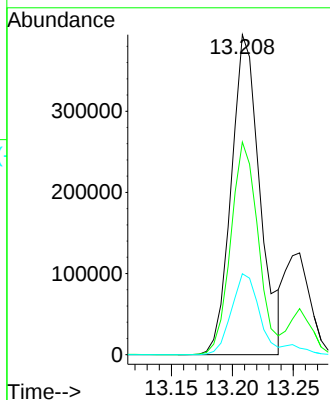
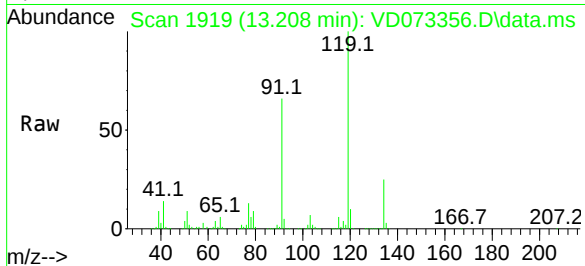




#83
tert-Butylbenzene
Concen: 50.302 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

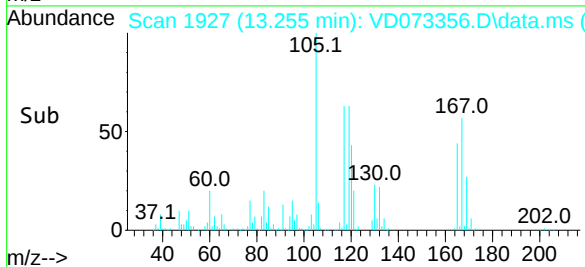
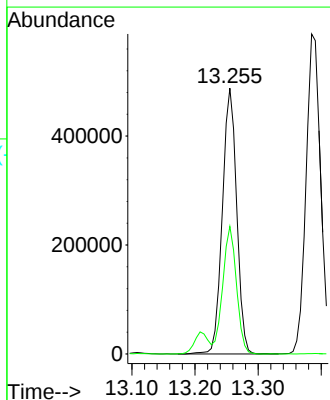
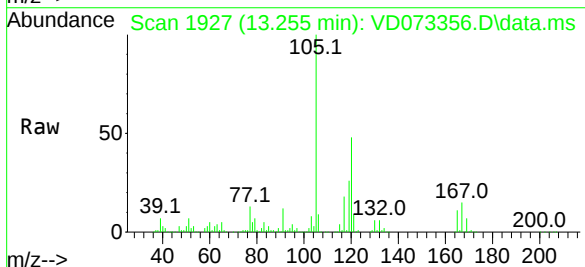
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

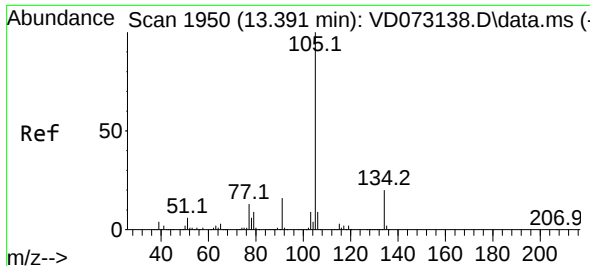
Tgt Ion:119 Resp: 646369
Ion Ratio Lower Upper
119 100
91 63.7 34.8 104.5
134 26.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 50.946 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion:105 Resp: 767358
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8

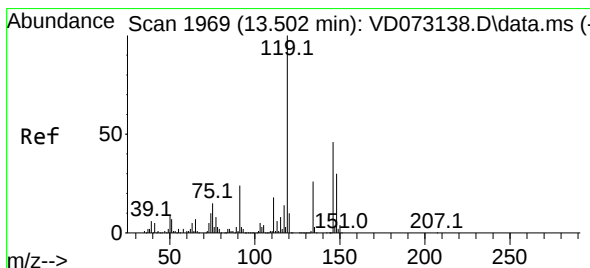
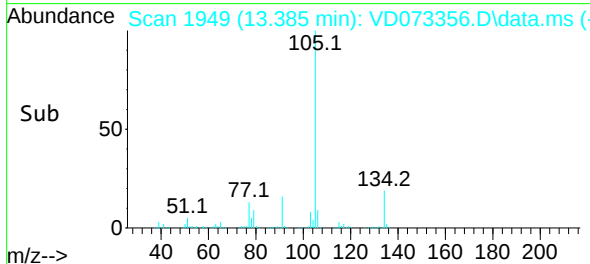
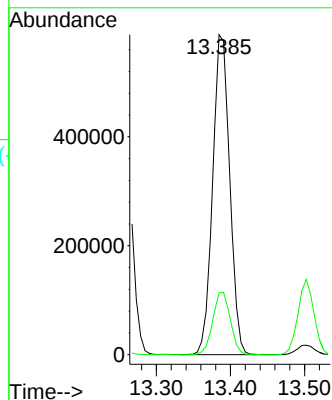
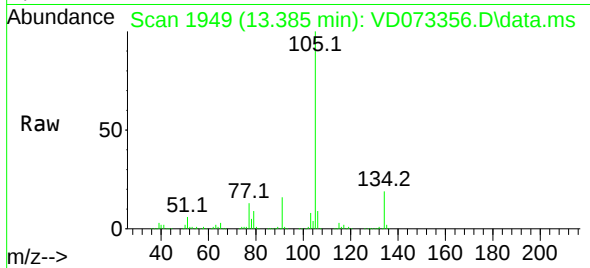




#85
 sec-Butylbenzene
 Concen: 47.828 ug/l
 RT: 13.385 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

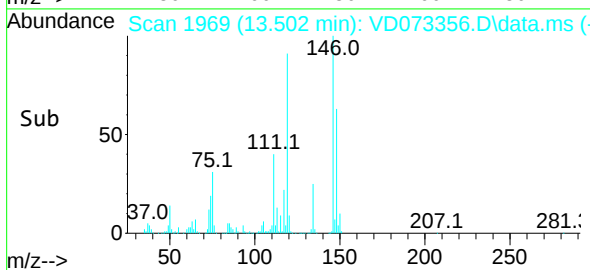
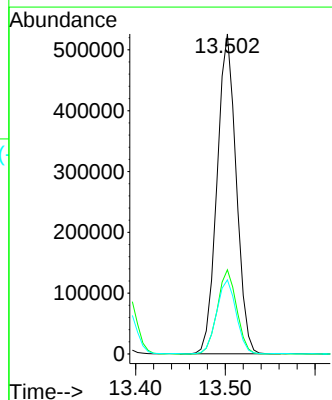
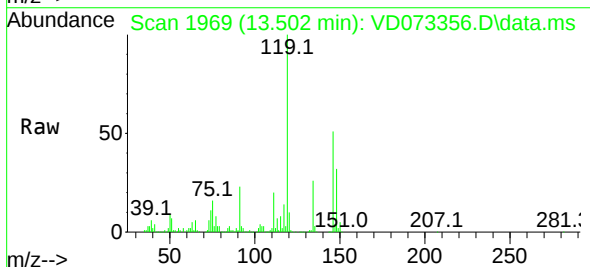
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

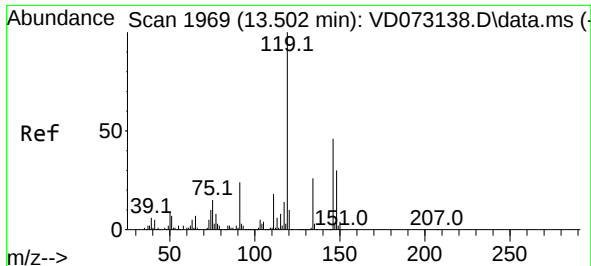
Tgt Ion:105 Resp: 938417
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.678 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

Tgt Ion:119 Resp: 778560
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.6
 91 23.7 12.1 36.3

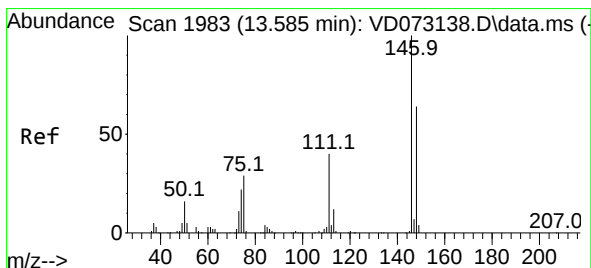
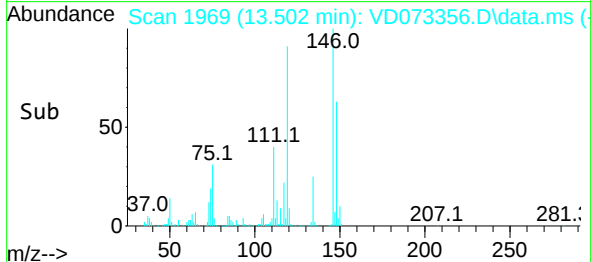
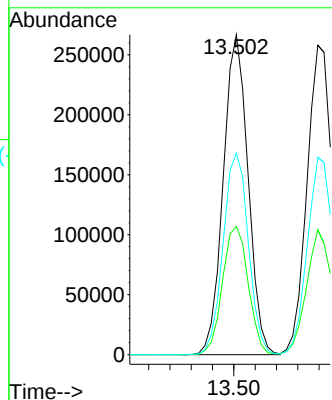
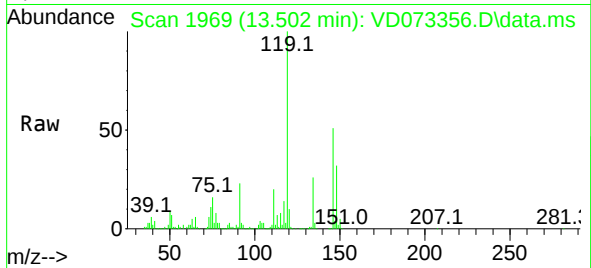




#87
 1,3-Dichlorobenzene
 Concen: 50.481 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

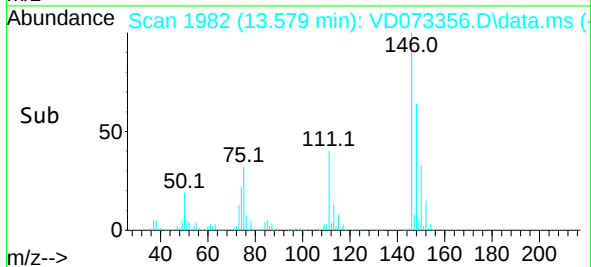
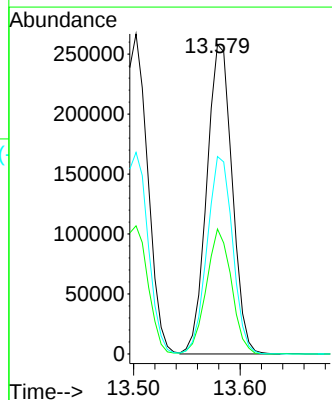
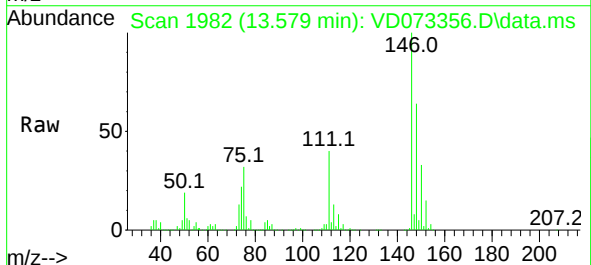
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

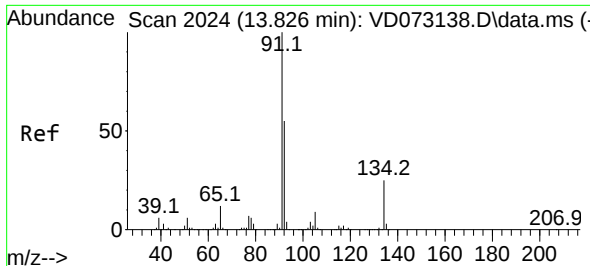
Tgt Ion:146 Resp: 431117
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.4 61.3
 148 64.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.700 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VD073356.D
 Acq: 25 May 2022 07:37

Tgt Ion:146 Resp: 428455
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.9
 148 64.0 31.7 95.1

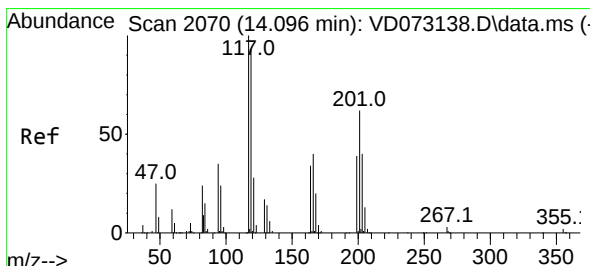
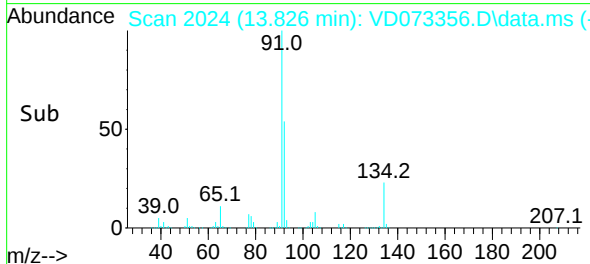
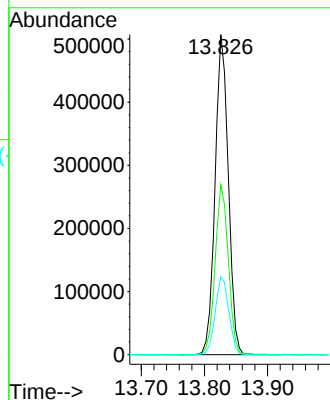
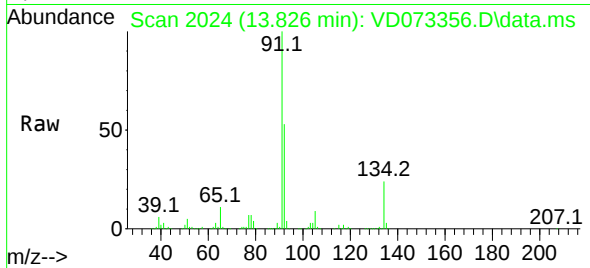




#89
n-Butylbenzene
Concen: 48.325 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

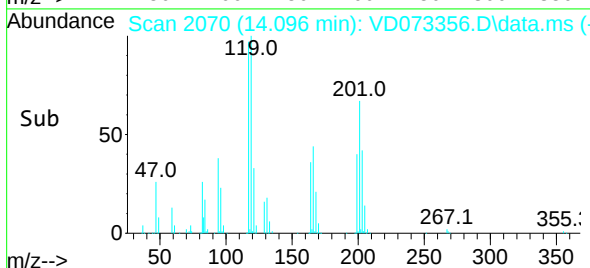
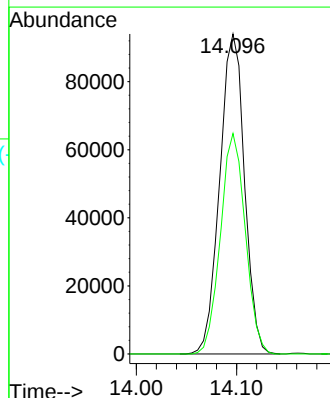
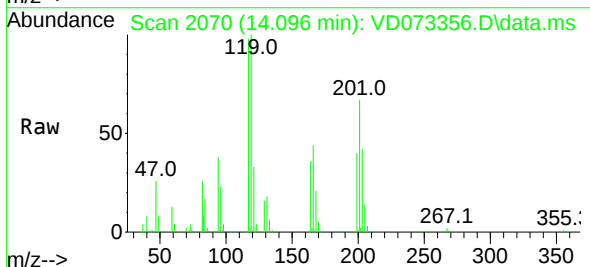
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

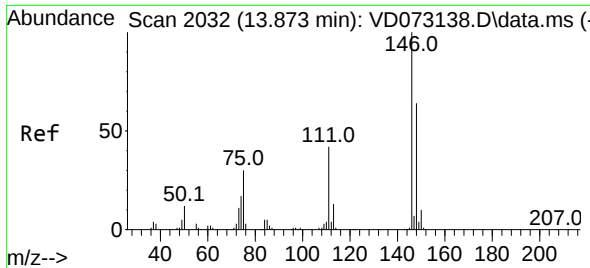
Tgt Ion: 91 Resp: 736448
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.8
134 25.2 12.3 36.9



#90
Hexachloroethane
Concen: 48.650 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 117 Resp: 161003
Ion Ratio Lower Upper
117 100
201 69.2 33.4 100.2

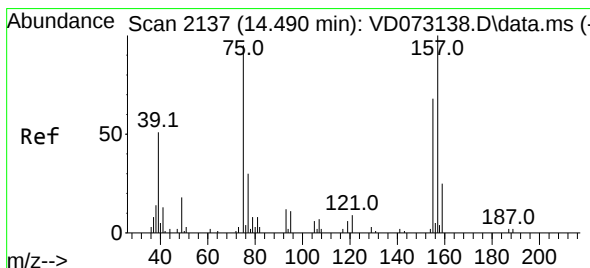
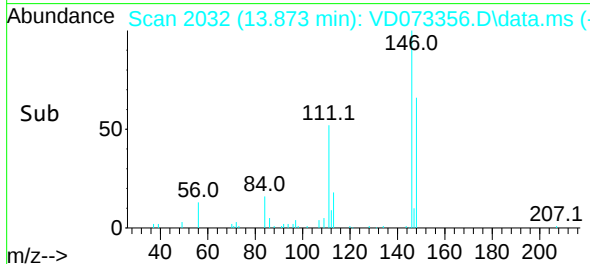
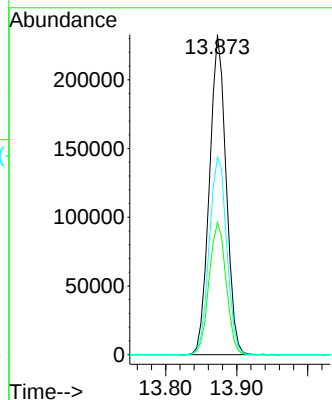
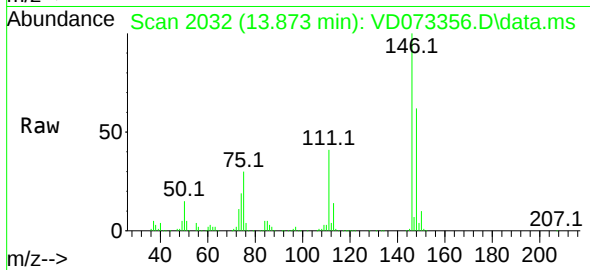




#91
1,2-Dichlorobenzene
Concen: 51.349 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

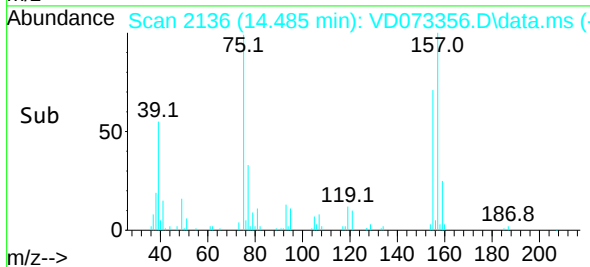
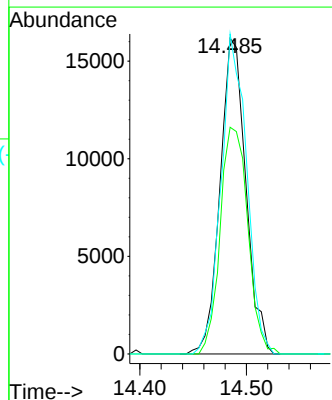
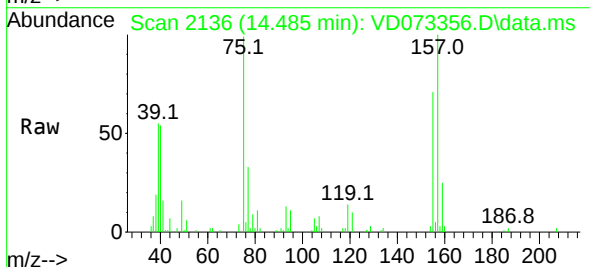
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

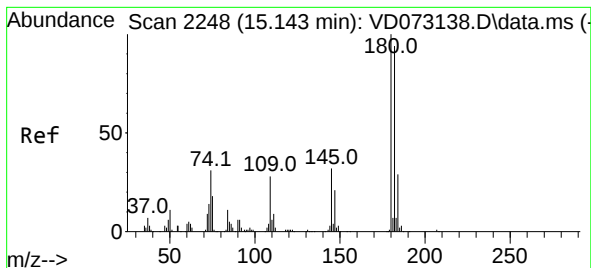
Tgt Ion:146 Resp: 379421
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 64.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.471 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion: 75 Resp: 27182
Ion Ratio Lower Upper
75 100
155 76.6 36.8 110.3
157 100.5 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 51.573 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

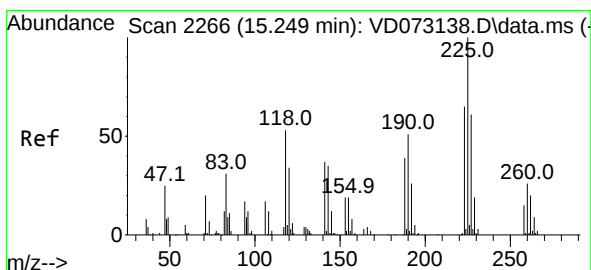
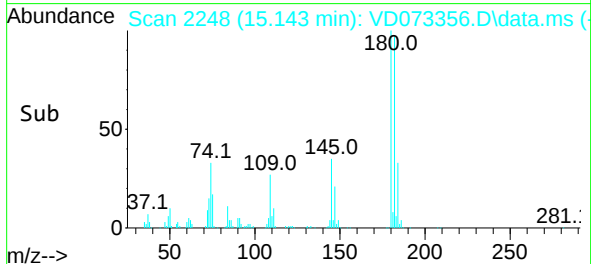
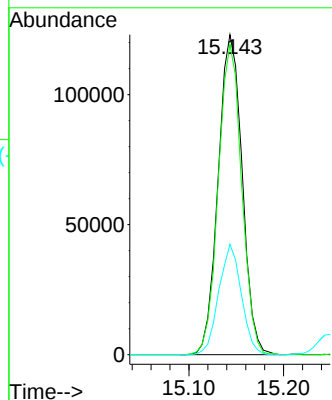
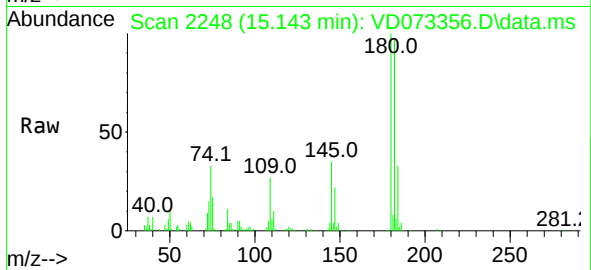
Tgt Ion:180 Resp: 216350

Ion Ratio Lower Upper

180 100

182 94.5 47.3 142.0

145 32.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 45.811 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073356.D

Acq: 25 May 2022 07:37

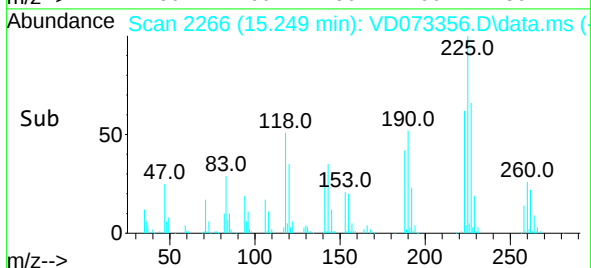
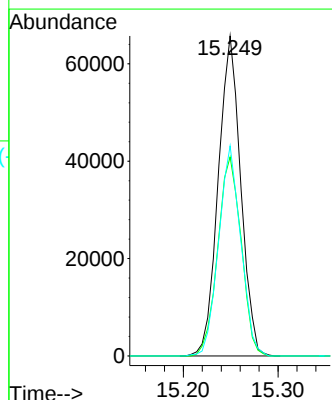
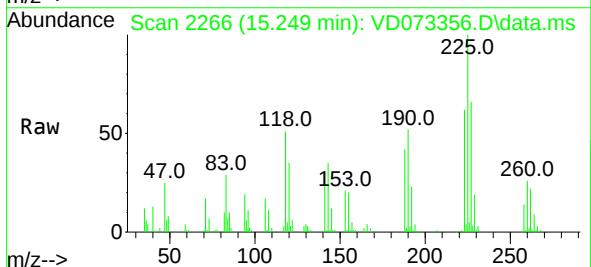
Tgt Ion:225 Resp: 108296

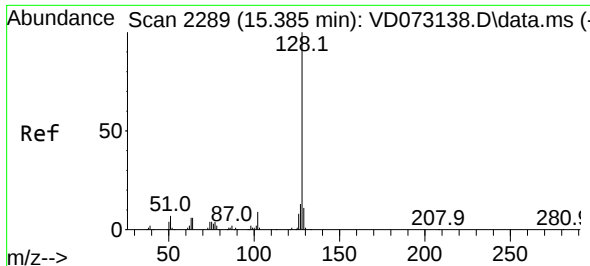
Ion Ratio Lower Upper

225 100

223 64.6 31.1 93.2

227 64.8 32.4 97.0

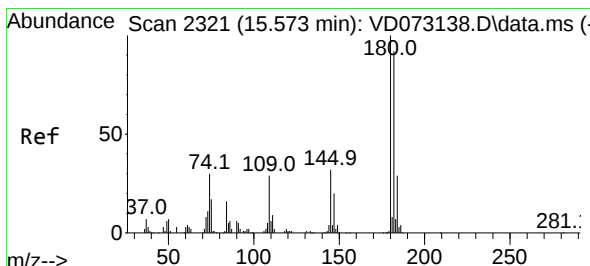
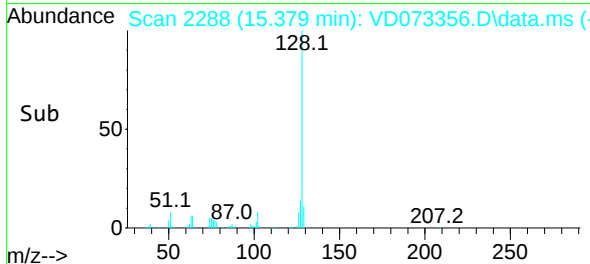
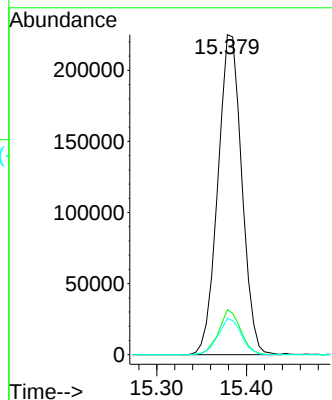
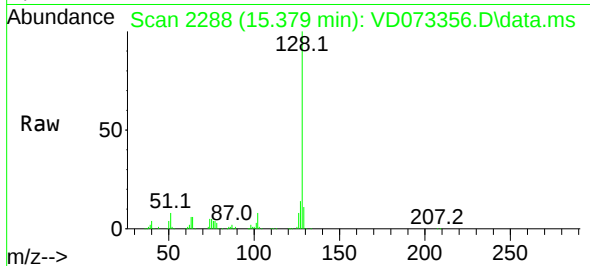




#95
Naphthalene
Concen: 50.433 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 416954
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 53.053 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073356.D
Acq: 25 May 2022 07:37

Tgt Ion:180 Resp: 197303
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 33.3 17.1 51.3

