

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073336.D
 Acq On : 24 May 2022 20:38
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 25 05:30:13 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	321574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	525936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	510756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	249229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	183503	51.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.280%
35) Dibromofluoromethane	7.908	113	193754	55.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.660%
50) Toluene-d8	10.332	98	705787	55.170	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.340%
62) 4-Bromofluorobenzene	12.620	95	253243	56.407	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.820%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	124832	38.849	ug/l	96
3) Chloromethane	2.209	50	137102	37.733	ug/l	97
4) Vinyl Chloride	2.344	62	133866	40.291	ug/l	98
5) Bromomethane	2.762	94	95868	44.571	ug/l	96
6) Chloroethane	2.915	64	88035	43.102	ug/l	95
7) Trichlorofluoromethane	3.268	101	259446	44.162	ug/l	95
8) Diethyl Ether	3.709	74	77840	48.218	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	159919	45.622	ug/l	94
10) Methyl Iodide	4.297	142	160697	42.491	ug/l	99
11) Tert butyl alcohol	5.203	59	80914	146.748	ug/l #	88
12) 1,1-Dichloroethene	4.067	96	144894	44.835	ug/l	85
13) Acrolein	3.920	56	50721	231.634	ug/l	98
14) Allyl chloride	4.709	41	239542	45.920	ug/l #	90
15) Acrylonitrile	5.414	53	187414	253.883	ug/l	97
16) Acetone	4.156	43	138008	224.198	ug/l	96
17) Carbon Disulfide	4.403	76	398987	37.242	ug/l	99
18) Methyl Acetate	4.714	43	84163	49.169	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	373661	50.753	ug/l	99
20) Methylene Chloride	4.956	84	211521	54.537	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	177905	45.530	ug/l	90
22) Diisopropyl ether	6.361	45	553259	50.593	ug/l #	93
23) Vinyl Acetate	6.303	43	1502650	257.614	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	323340	46.065	ug/l	99
25) 2-Butanone	7.203	43	223678	248.368	ug/l	93
26) 2,2-Dichloropropane	7.203	77	265395	44.336	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	209721	48.506	ug/l	91
28) Bromochloromethane	7.538	49	121775	50.357	ug/l #	83
29) Tetrahydrofuran	7.561	42	146437	251.464	ug/l	89
30) Chloroform	7.703	83	360317	49.170	ug/l	99
31) Cyclohexane	7.979	56	258148	41.567	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	296102	46.199	ug/l	97
36) 1,1-Dichloropropene	8.108	75	246704	47.266	ug/l	97
37) Ethyl Acetate	7.291	43	102758	49.842	ug/l #	92
38) Carbon Tetrachloride	8.091	117	259901	49.122	ug/l	98
39) Methylcyclohexane	9.350	83	271084	46.603	ug/l	98
40) Benzene	8.344	78	743112	49.400	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	53911	44.881	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	209339	50.014	ug/l	96
43) Isopropyl Acetate	8.444	43	202914	53.248	ug/l #	92
44) Trichloroethene	9.108	130	197449	49.222	ug/l	93
45) 1,2-Dichloropropane	9.379	63	192762	50.883	ug/l	97
46) Dibromomethane	9.467	93	102771	49.394	ug/l	97
47) Bromodichloromethane	9.655	83	276356	51.911	ug/l	98
48) Methyl methacrylate	9.450	41	101698	53.044	ug/l #	87
49) 1,4-Dioxane	9.455	88	23510	1094.166	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	540368	273.019	ug/l	93
52) Toluene	10.397	92	483459	50.859	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	246798	51.314	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	293067	50.919	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	146229	51.973	ug/l	99
56) Ethyl methacrylate	10.649	69	174688	55.842	ug/l #	84
57) 1,3-Dichloropropane	10.938	76	246550	52.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	393938	263.755	ug/l	95
59) 2-Hexanone	10.973	43	359748	275.695	ug/l	92
60) Dibromochloromethane	11.132	129	186262	53.092	ug/l	99
61) 1,2-Dibromoethane	11.238	107	142004	52.818	ug/l	99
64) Tetrachloroethene	10.867	164	156306	46.724	ug/l	98
65) Chlorobenzene	11.661	112	520519	49.677	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	197845	50.912	ug/l	99
67) Ethyl Benzene	11.732	91	916625	49.833	ug/l	96
68) m/p-Xylenes	11.844	106	721912	101.020	ug/l	97
69) o-Xylene	12.167	106	337057	51.342	ug/l	95
70) Styrene	12.185	104	587445	52.010	ug/l	98
71) Bromoform	12.349	173	105729	52.865	ug/l #	100
73) Isopropylbenzene	12.467	105	886814	49.913	ug/l	100
74) N-amyl acetate	12.279	43	196745	50.760	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	173185	52.851	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	207779	84.968	ug/l #	100
77) Bromobenzene	12.749	156	205767	49.198	ug/l	94
78) n-propylbenzene	12.808	91	1119510	50.190	ug/l	99
79) 2-Chlorotoluene	12.896	91	635843	49.371	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	763265	50.713	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	51900	50.952	ug/l	87
82) 4-Chlorotoluene	12.991	91	670789	49.691	ug/l	99
83) tert-Butylbenzene	13.208	119	653852	51.547	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	757255	50.930	ug/l	99
85) sec-Butylbenzene	13.385	105	970290	50.097	ug/l	99
86) p-Isopropyltoluene	13.502	119	800803	50.721	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	418594	49.653	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	412543	48.477	ug/l	99
89) n-Butylbenzene	13.826	91	759538	50.490	ug/l	99
90) Hexachloroethane	14.096	117	160681	49.185	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	366961	50.309	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	25529	50.873	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	216369	52.249	ug/l	98
94) Hexachlorobutadiene	15.249	225	113516	48.645	ug/l	96
95) Naphthalene	15.379	128	399569	49.063	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	189210	51.539	ug/l	99

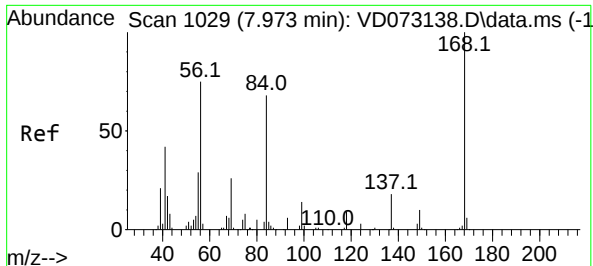
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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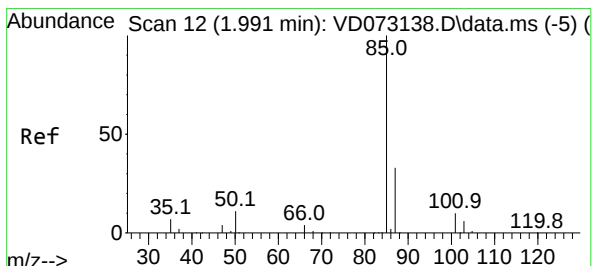
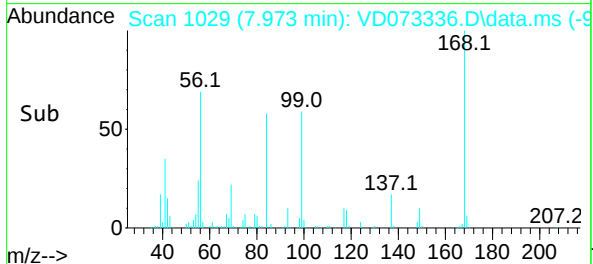
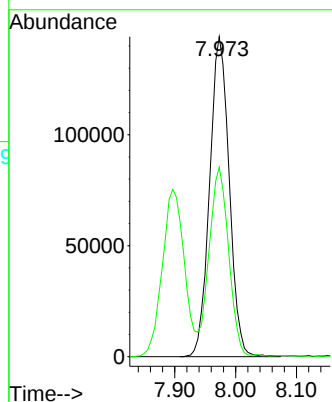
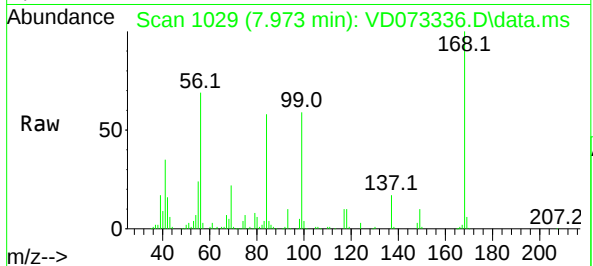
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073336.D
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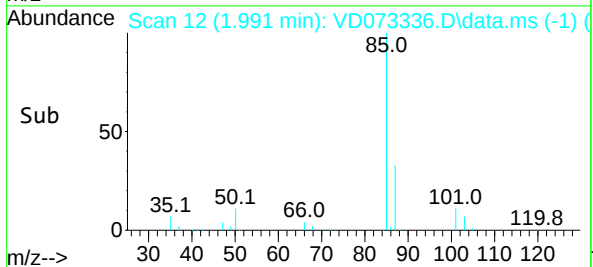
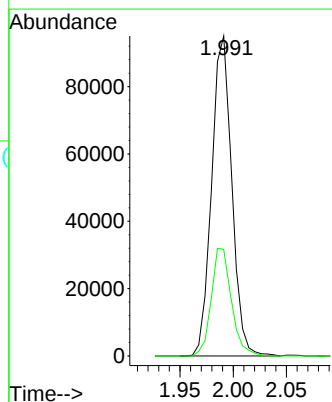
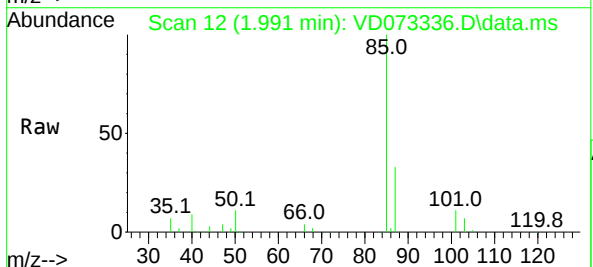
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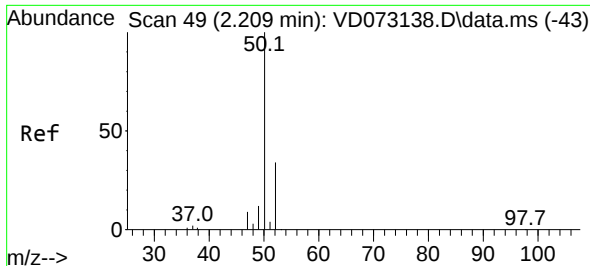
Tgt Ion:168 Resp: 321574
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 38.849 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 85 Resp: 124832
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.0

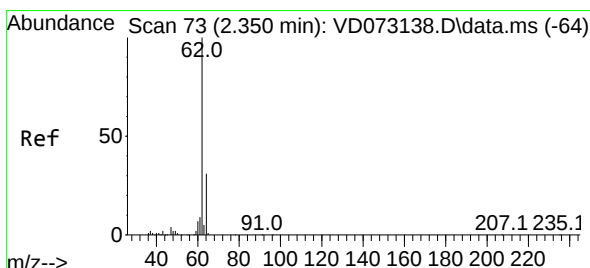
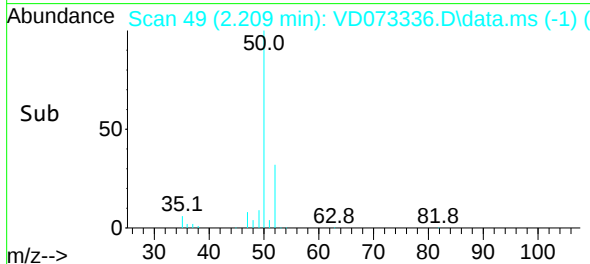
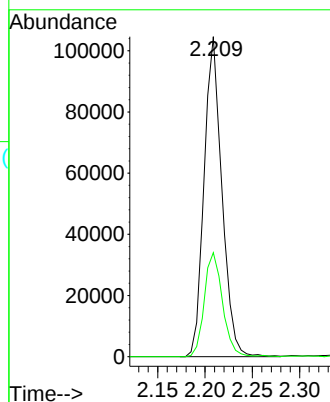
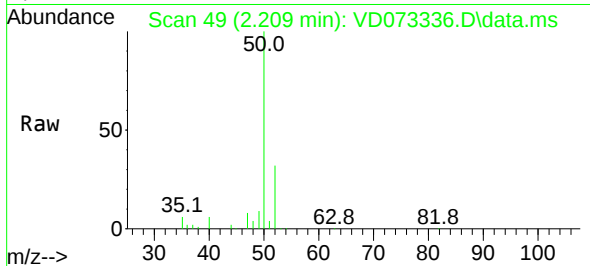




#3
Chloromethane
Concen: 37.733 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

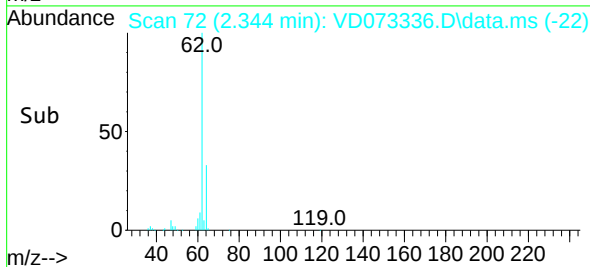
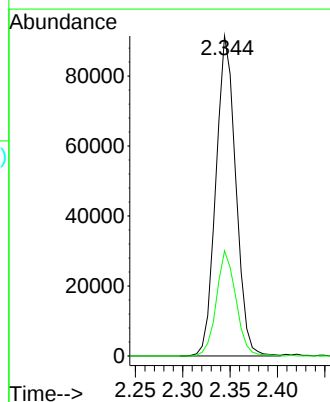
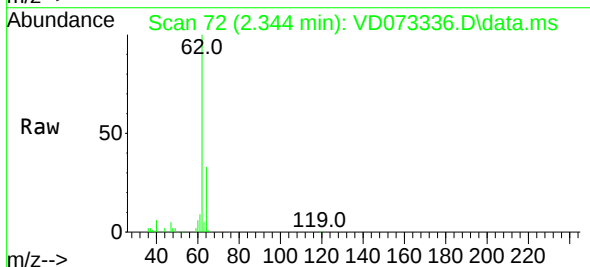
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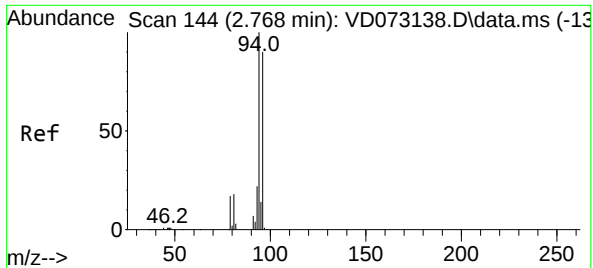
Tgt Ion: 50 Resp: 137102
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.0



#4
Vinyl Chloride
Concen: 40.291 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 62 Resp: 133866
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

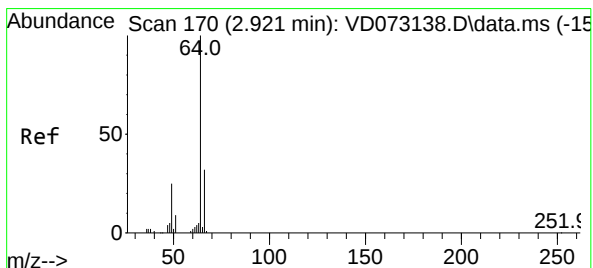
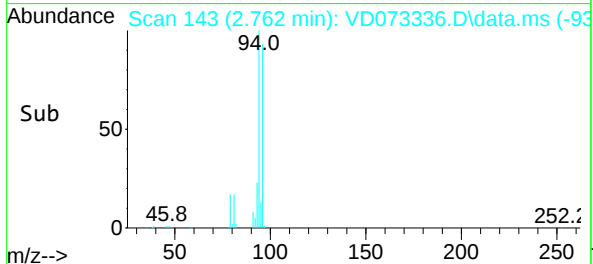
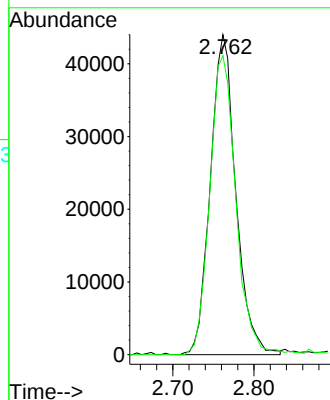
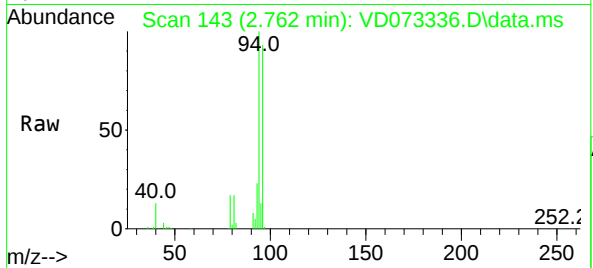




#5
Bromomethane
Concen: 44.571 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

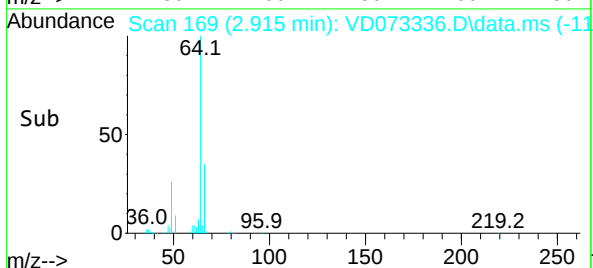
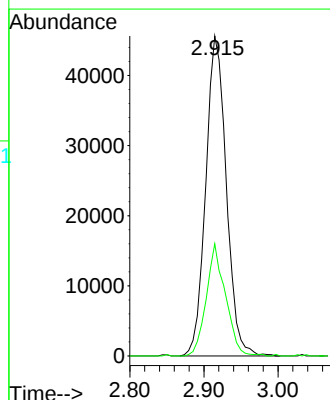
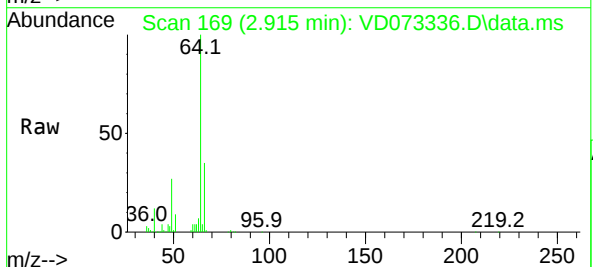
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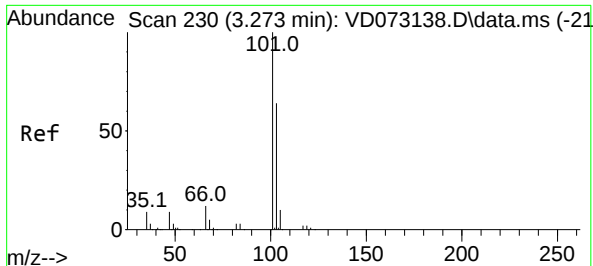
Tgt Ion: 94 Resp: 95868
Ion Ratio Lower Upper
94 100
96 93.5 77.6 116.4



#6
Chloroethane
Concen: 43.102 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 64 Resp: 88035
Ion Ratio Lower Upper
64 100
66 35.0 25.9 38.9

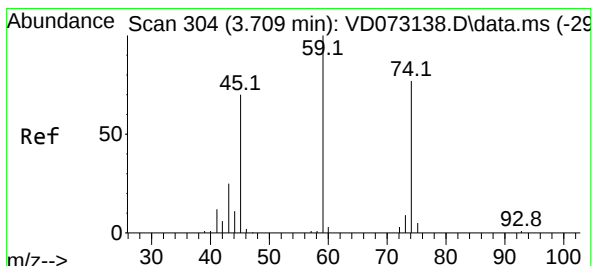
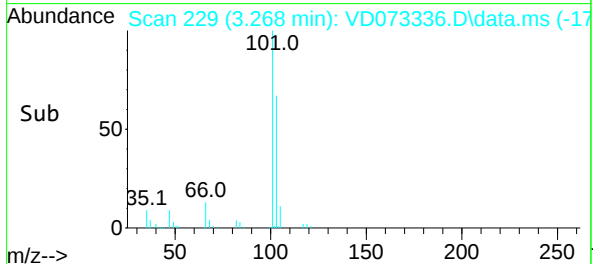
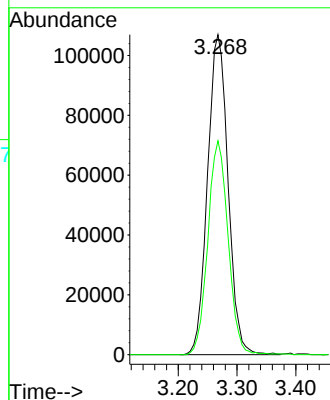
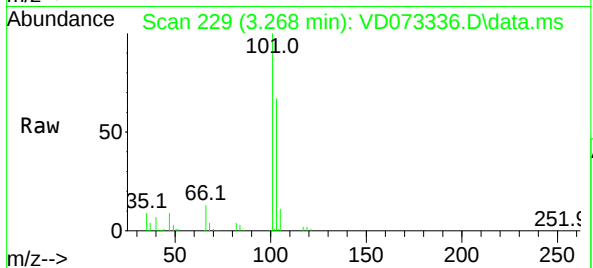




#7
 Trichlorofluoromethane
 Concen: 44.162 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073336.D
 Acq: 24 May 2022 20:38

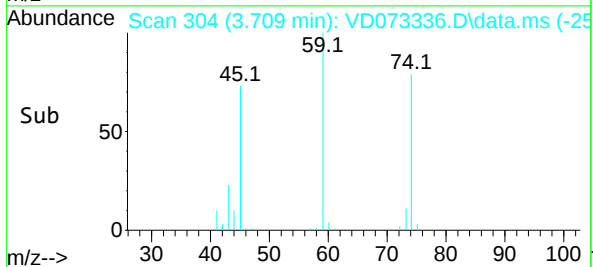
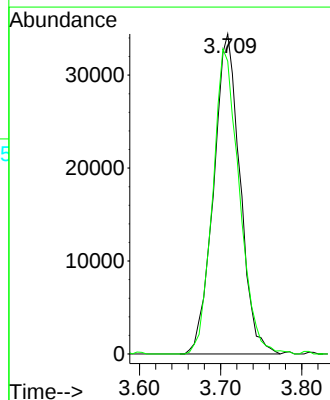
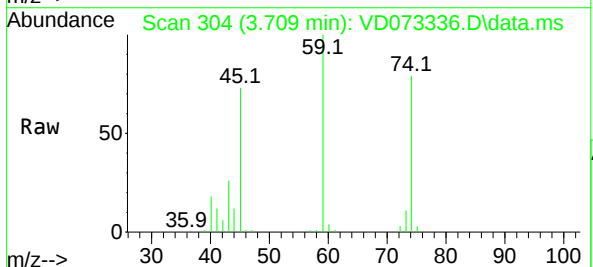
Instrument :
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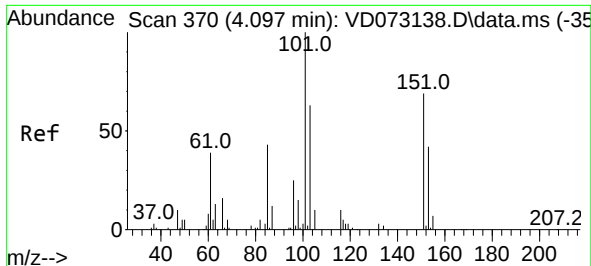
Tgt Ion:101 Resp: 259446
 Ion Ratio Lower Upper
 101 100
 103 66.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 48.218 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073336.D
 Acq: 24 May 2022 20:38

Tgt Ion: 74 Resp: 77840
 Ion Ratio Lower Upper
 74 100
 45 96.2 52.6 157.8

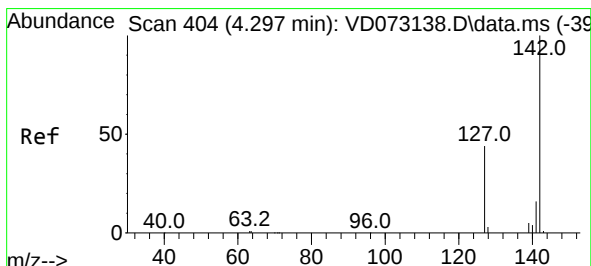
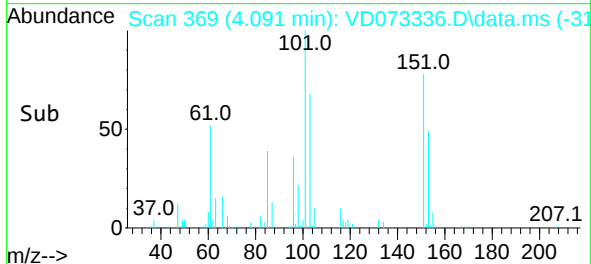
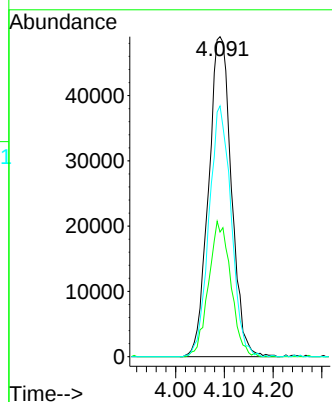
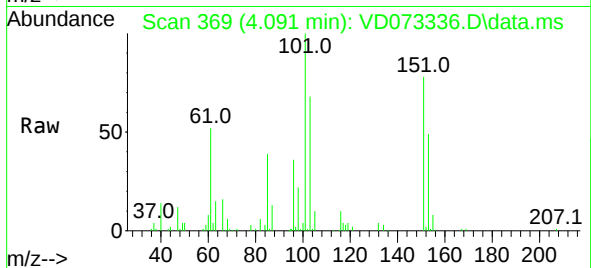




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.622 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

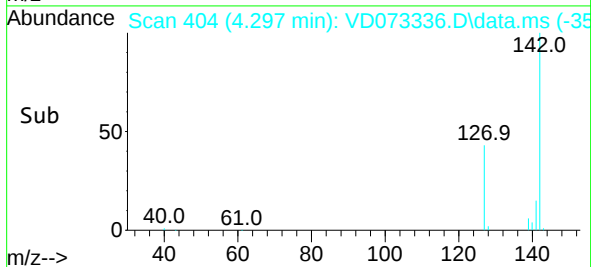
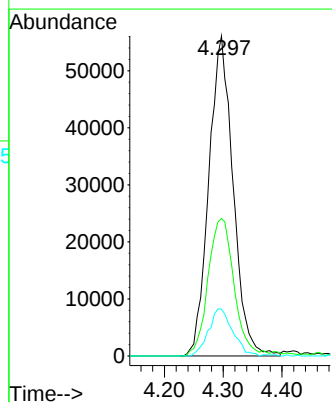
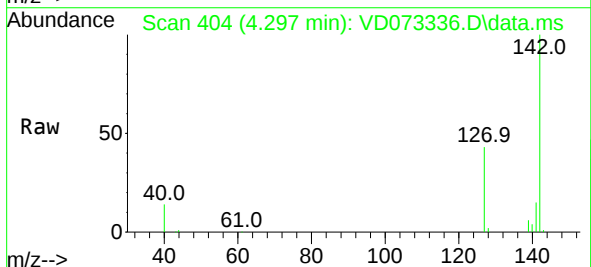
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

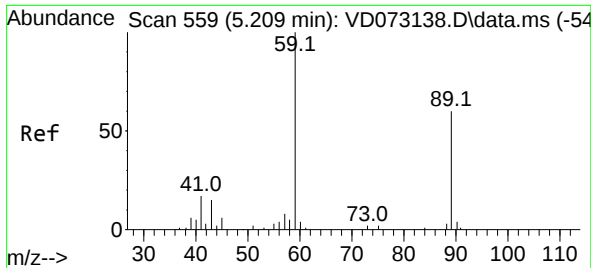
Tgt Ion:101 Resp: 159919
Ion Ratio Lower Upper
101 100
85 41.0 36.4 54.6
151 75.8 57.3 85.9



#10
Methyl Iodide
Concen: 42.491 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion:142 Resp: 160697
Ion Ratio Lower Upper
142 100
127 46.0 37.3 55.9
141 14.7 11.7 17.5

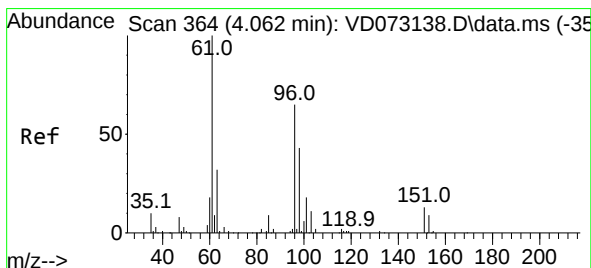
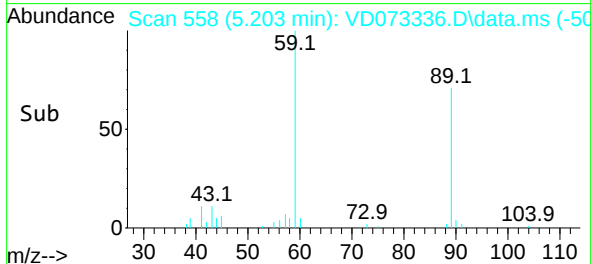
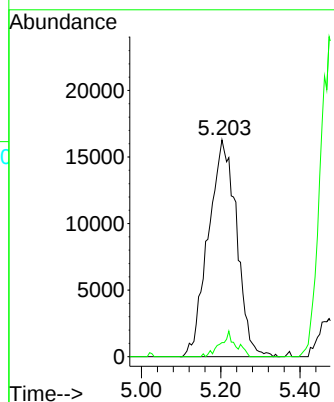
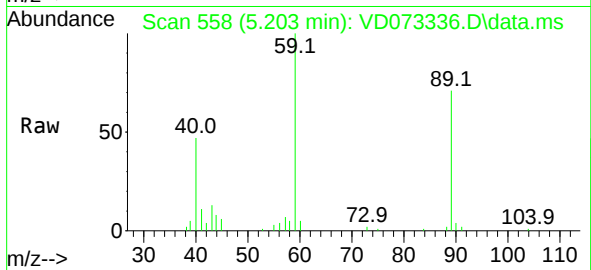




#11
Tert butyl alcohol
Concen: 146.748 ug/l
RT: 5.203 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

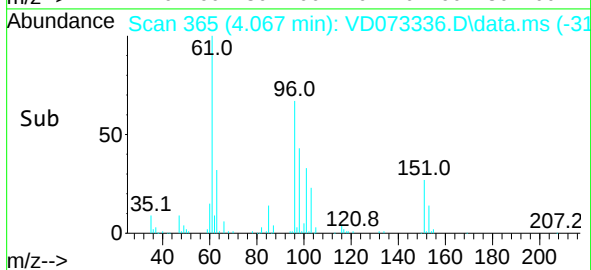
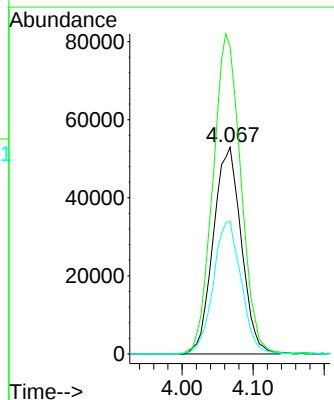
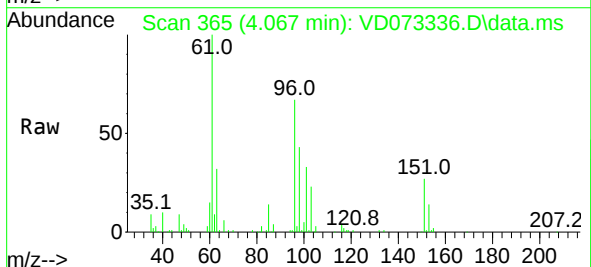
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

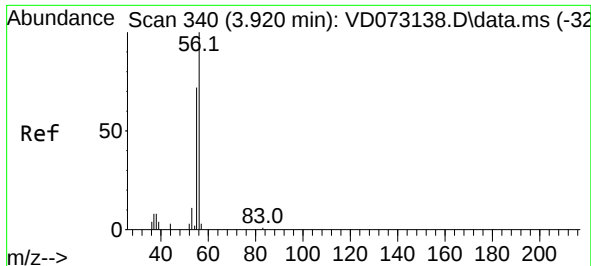
Tgt Ion: 59 Resp: 80914
Ion Ratio Lower Upper
59 100
57 5.4 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 44.835 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.005 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 96 Resp: 144894
Ion Ratio Lower Upper
96 100
61 148.1 138.5 207.7
98 64.2 48.6 73.0





#13

Acrolein

Concen: 231.634 ug/l

RT: 3.920 min Scan# 340

Delta R.T. 0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

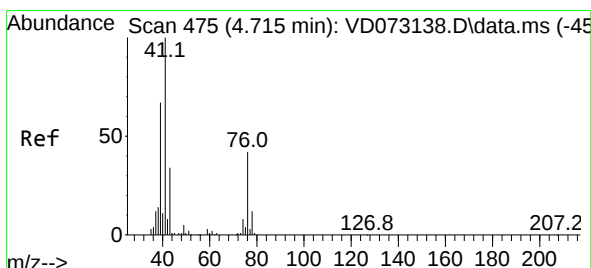
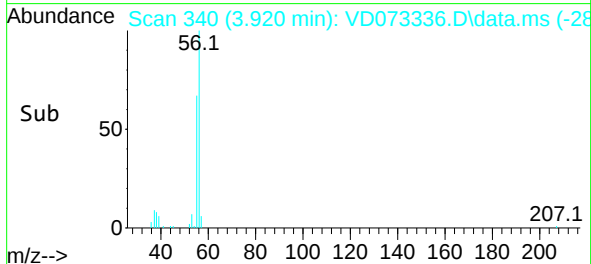
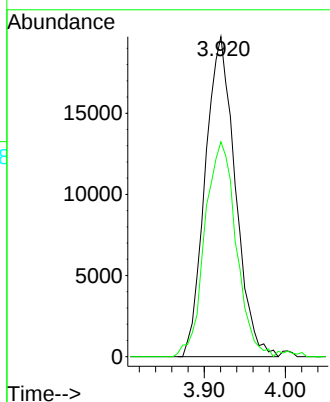
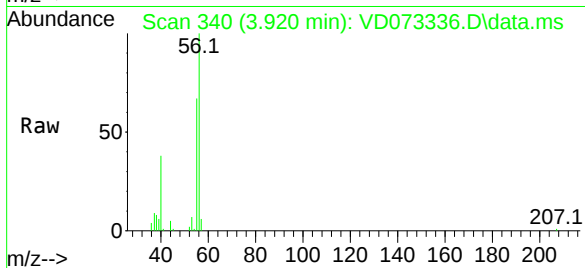
VSTDCCC050EC

Tgt Ion: 56 Resp: 50721

Ion Ratio Lower Upper

56 100

55 69.9 57.1 85.7



#14

Allyl chloride

Concen: 45.920 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

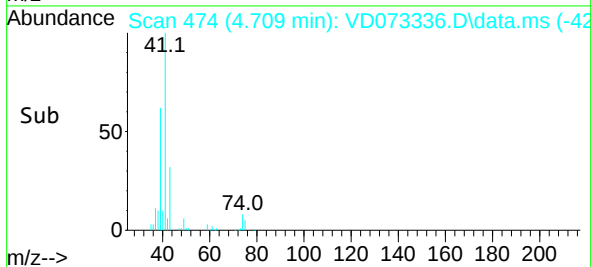
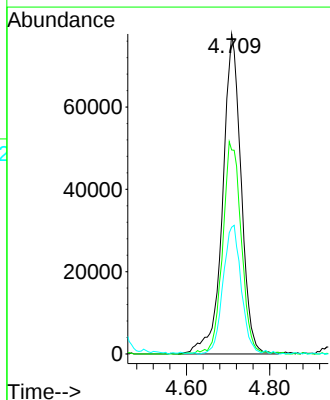
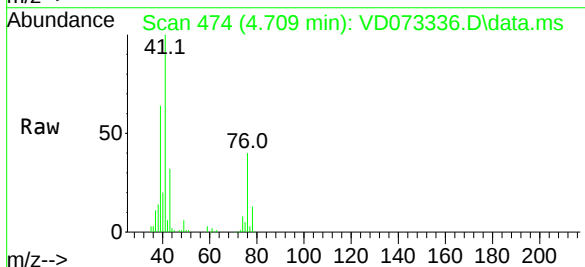
Tgt Ion: 41 Resp: 239542

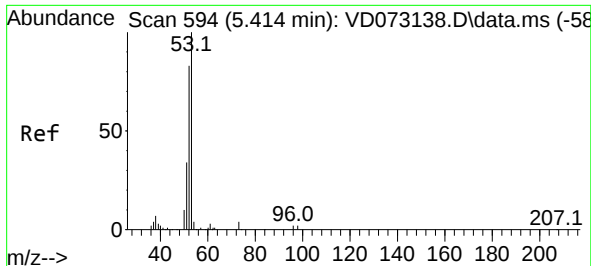
Ion Ratio Lower Upper

41 100

39 66.7 59.3 88.9

76 39.5 25.7 38.5#

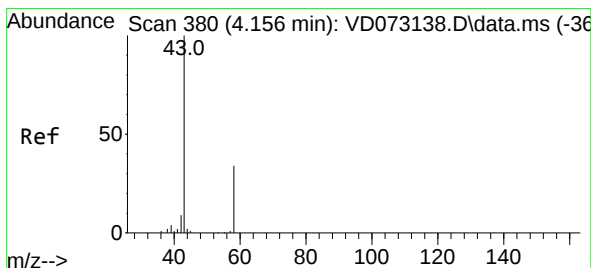
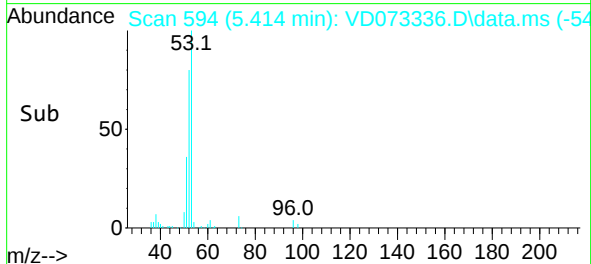
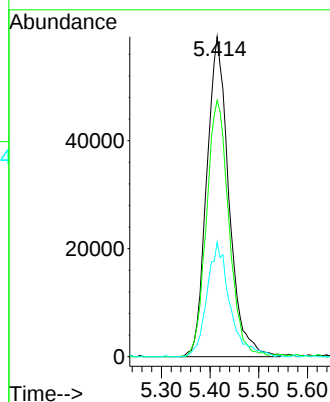
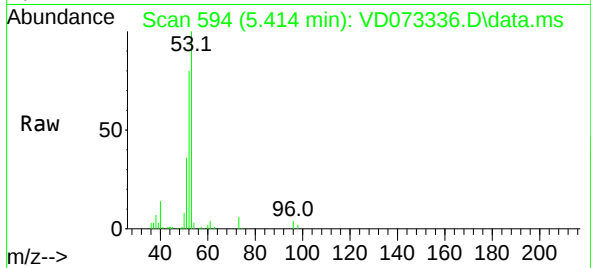




#15
Acrylonitrile
Concen: 253.883 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

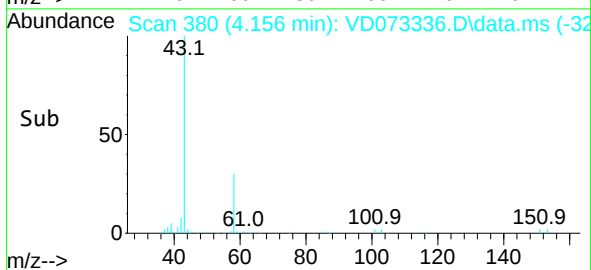
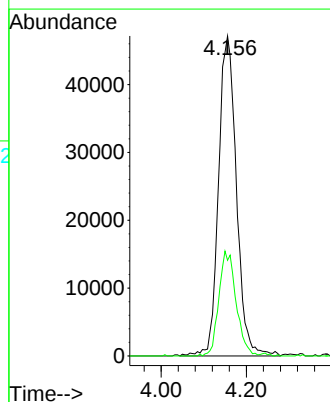
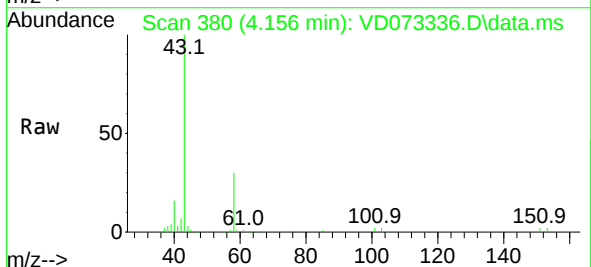
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

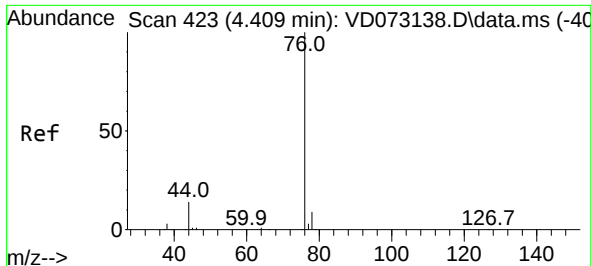
Tgt Ion:	53	Resp:	187414
Ion	Ratio	Lower	Upper
53	100		
52	80.9	67.2	100.8
51	36.8	30.3	45.5



#16
Acetone
Concen: 224.198 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion:	43	Resp:	138008
Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.1	33.1

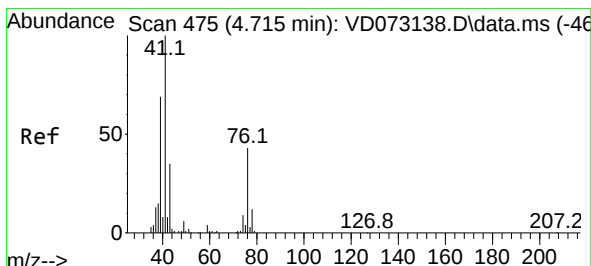
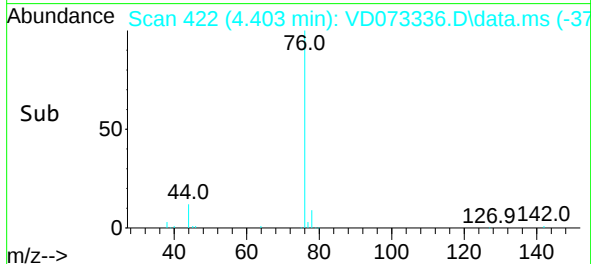
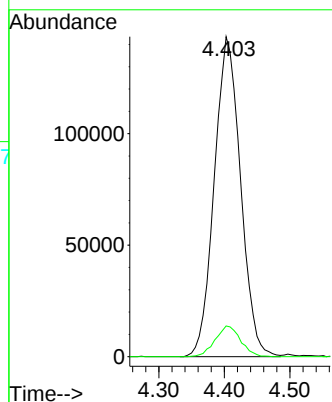
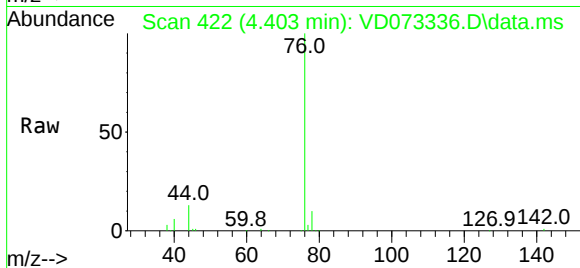




#17
Carbon Disulfide
Concen: 37.242 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

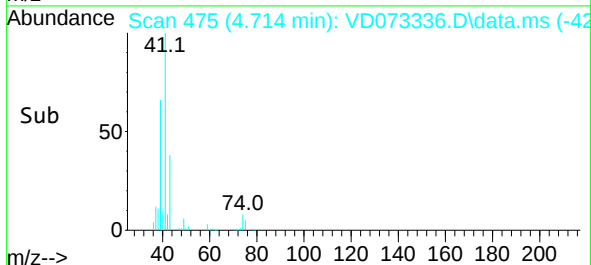
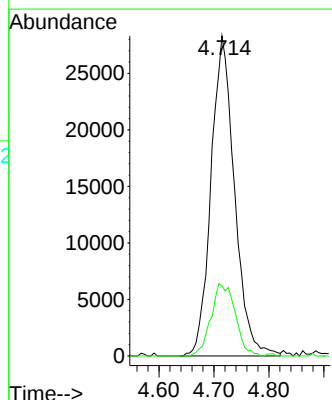
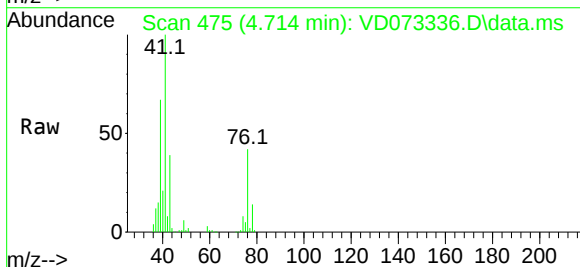
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

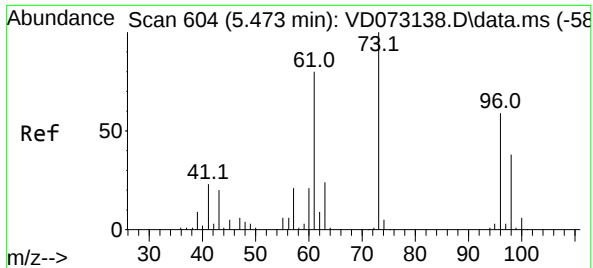
Tgt Ion: 76 Resp: 398987
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 49.169 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 43 Resp: 84163
Ion Ratio Lower Upper
43 100
74 23.3 16.7 25.1

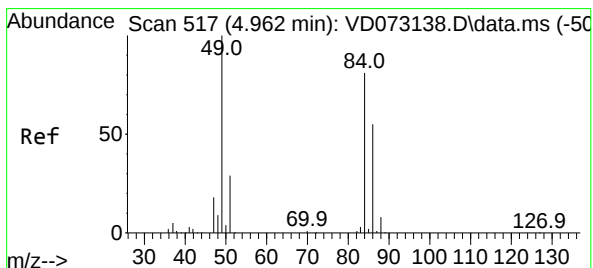
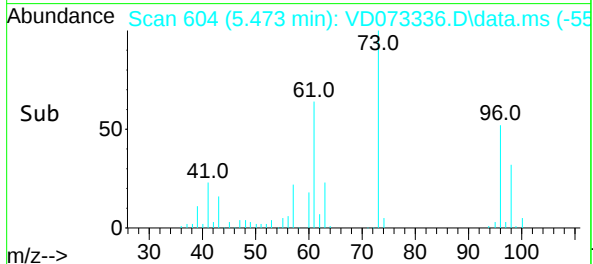
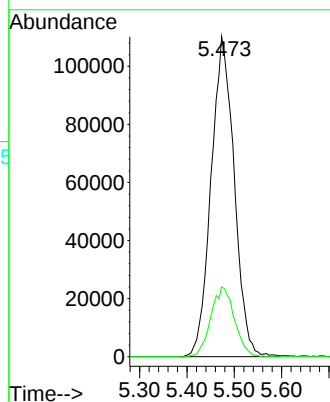
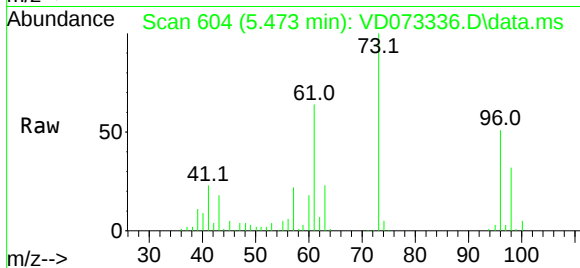




#19
Methyl tert-butyl Ether
Concen: 50.753 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

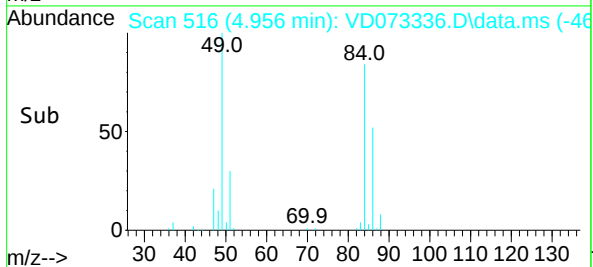
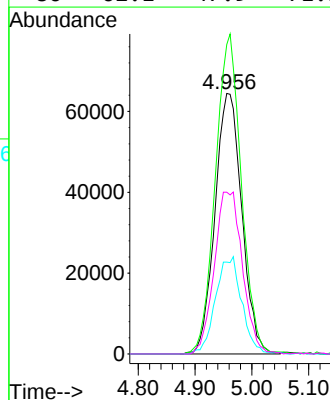
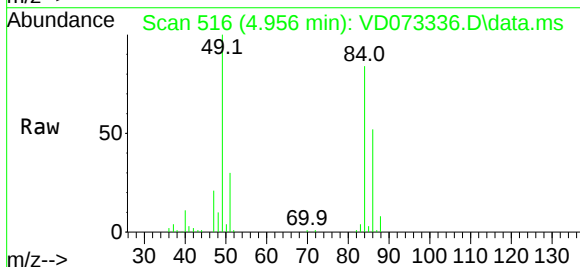
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

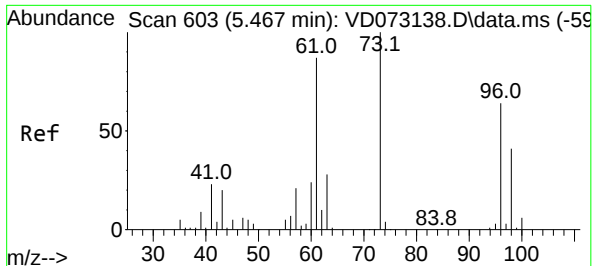
Tgt Ion: 73 Resp: 373661
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 54.537 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 84 Resp: 211521
Ion Ratio Lower Upper
84 100
49 118.8 112.8 169.2
51 35.3 32.6 48.8
86 62.1 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 45.530 ug/l

RT: 5.467 min Scan# 603

Delta R.T. 0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

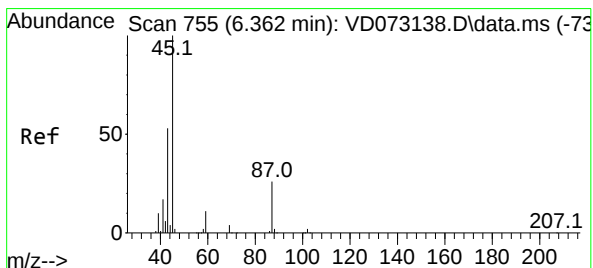
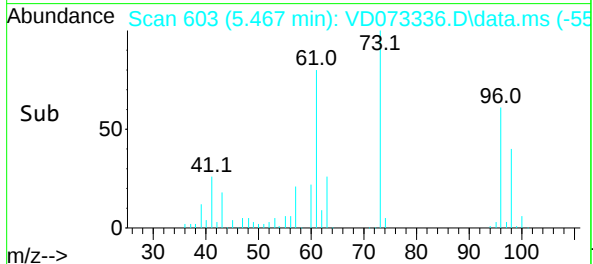
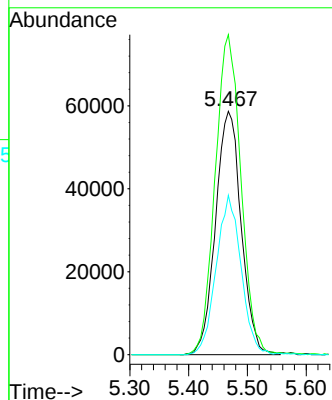
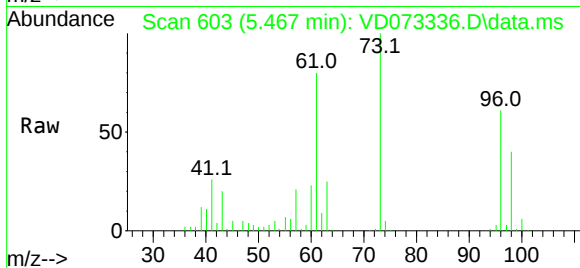
Tgt Ion: 96 Resp: 177905

Ion Ratio Lower Upper

96 100

61 131.5 117.9 176.9

98 65.5 49.4 74.2



#22

Diisopropyl ether

Concen: 50.593 ug/l

RT: 6.361 min Scan# 755

Delta R.T. -0.001 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Tgt Ion: 45 Resp: 553259

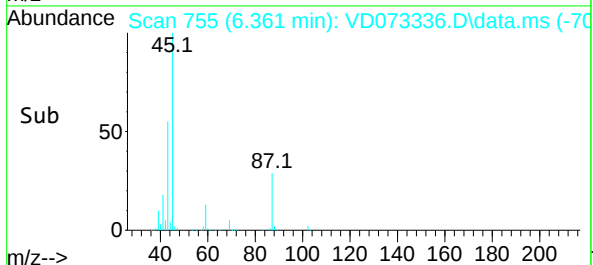
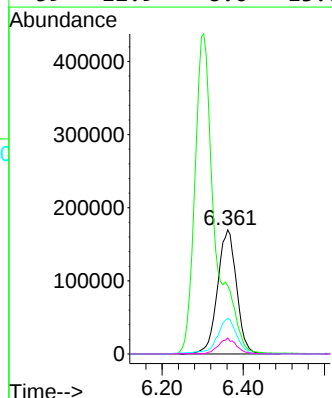
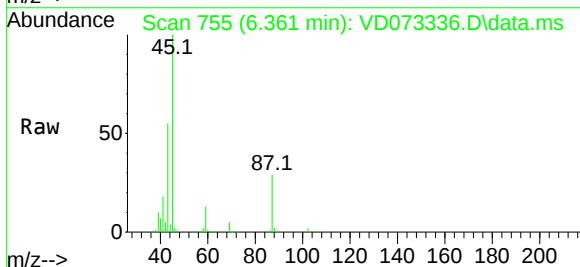
Ion Ratio Lower Upper

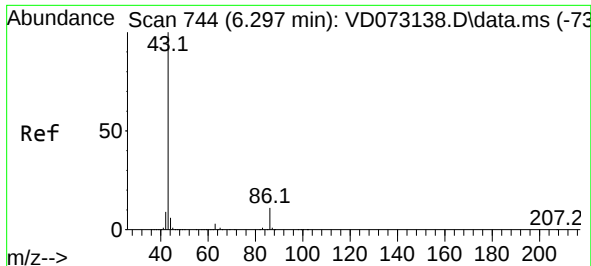
45 100

43 54.5 46.6 70.0

87 28.7 18.4 27.6#

59 12.9 8.6 13.0

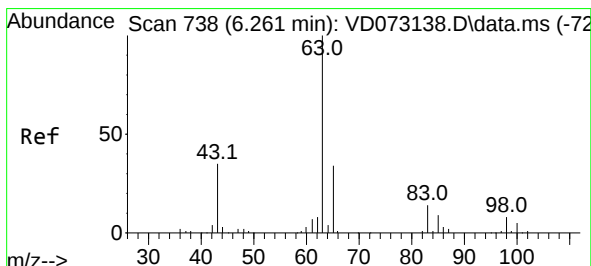
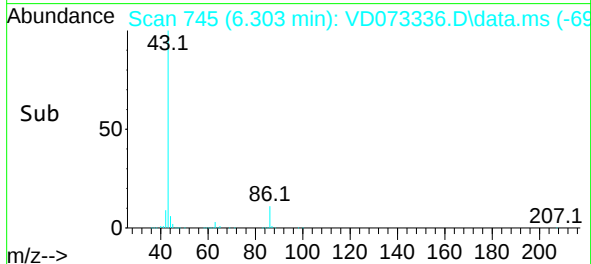
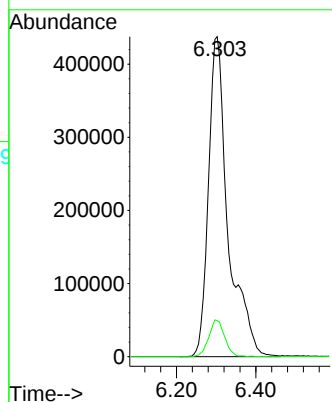
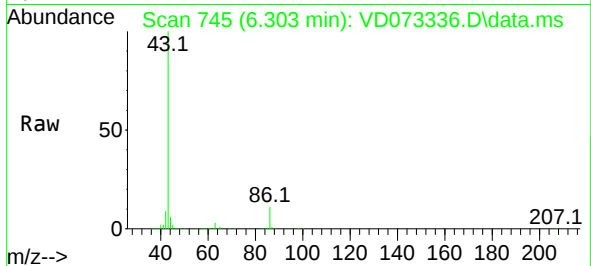




#23
Vinyl Acetate
Concen: 257.614 ug/l
RT: 6.303 min Scan# 744
Delta R.T. 0.006 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

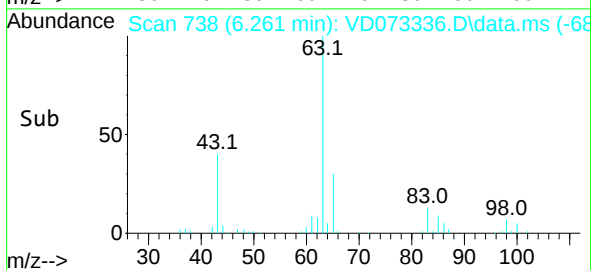
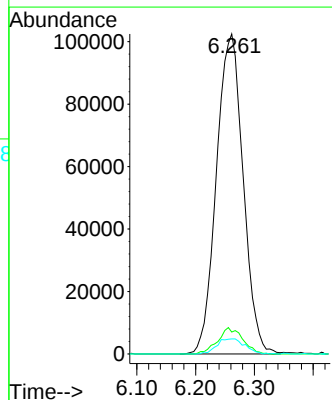
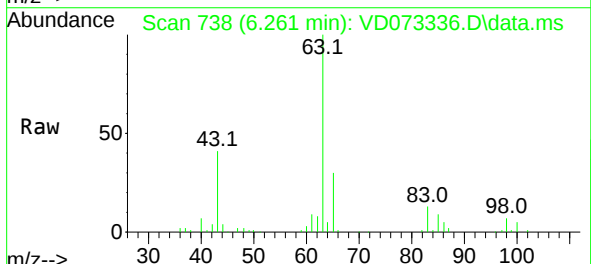
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

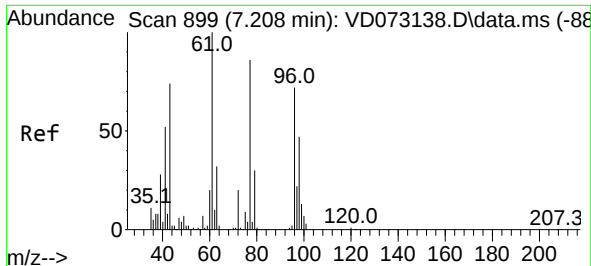
Tgt Ion: 43 Resp: 1502650
Ion Ratio Lower Upper
43 100
86 11.3 7.1 10.7#



#24
1,1-Dichloroethane
Concen: 46.065 ug/l
RT: 6.261 min Scan# 738
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 63 Resp: 323340
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.9
100 4.7 2.1 6.5

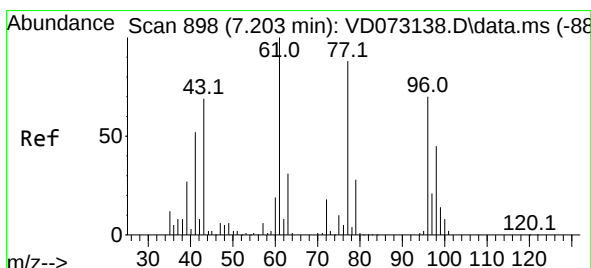
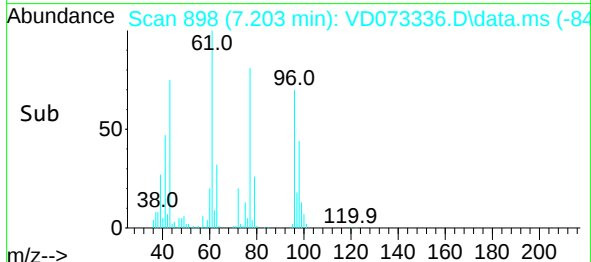
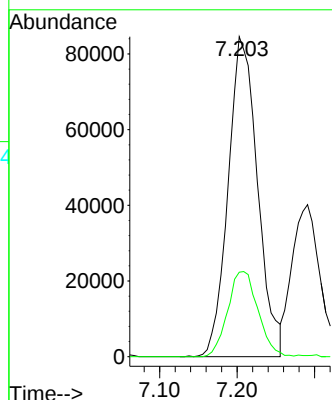
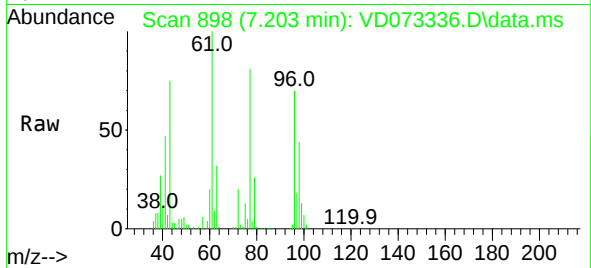




#25
2-Butanone
Concen: 248.368 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

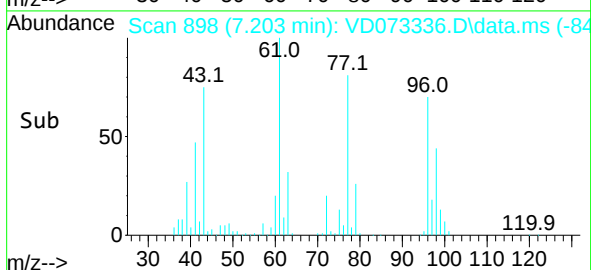
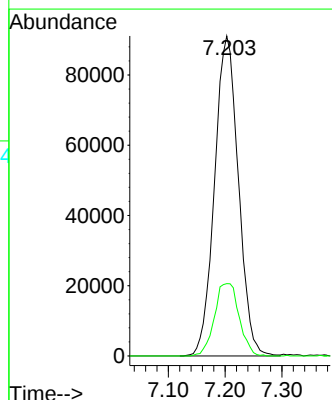
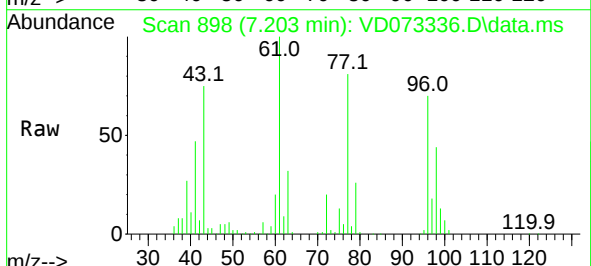
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

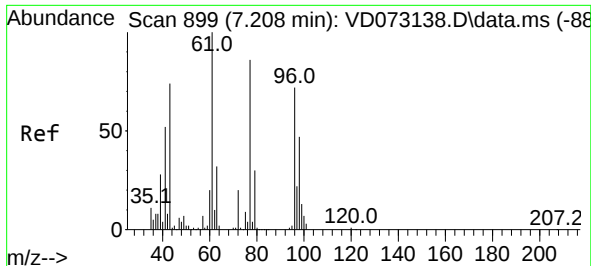
Tgt Ion: 43 Resp: 223678
Ion Ratio Lower Upper
43 100
72 26.4 18.6 27.8



#26
2,2-Dichloropropane
Concen: 44.336 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 77 Resp: 265395
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 48.506 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.005 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

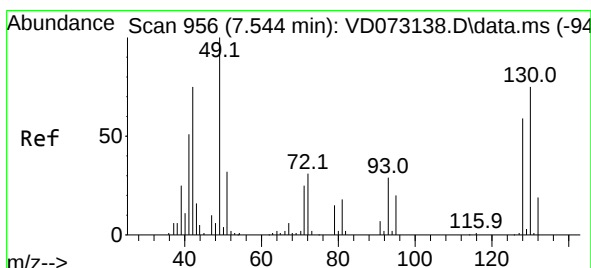
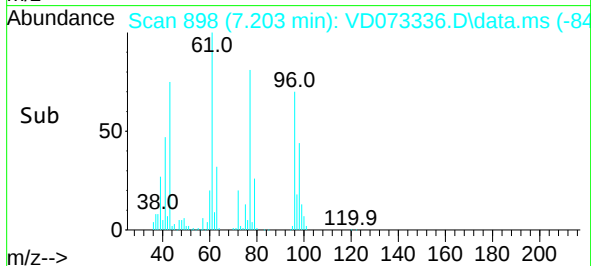
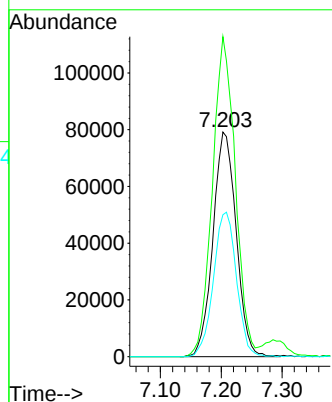
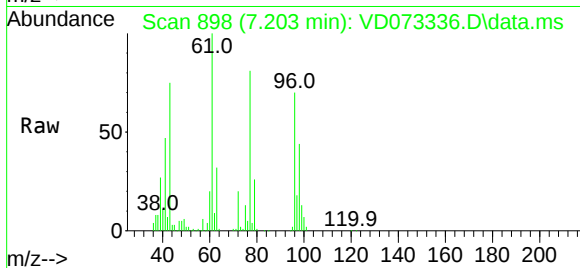
Tgt Ion: 96 Resp: 209721

Ion Ratio Lower Upper

96 100

61 140.6 0.0 313.8

98 63.9 0.0 128.8



#28

Bromochloromethane

Concen: 50.357 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.006 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

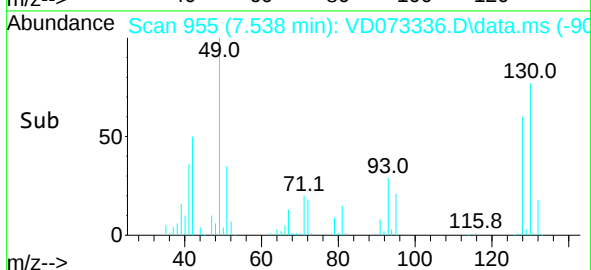
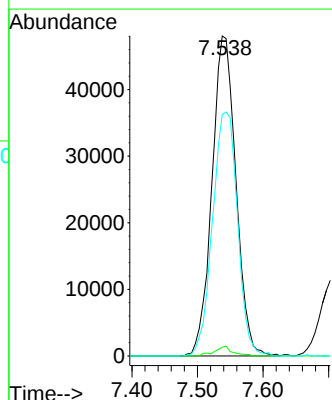
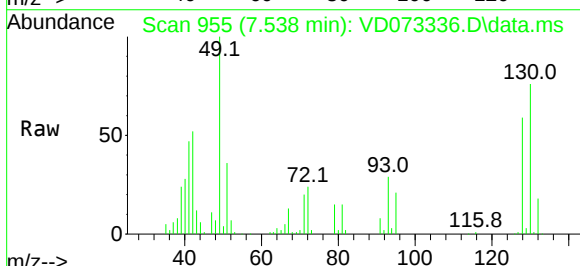
Tgt Ion: 49 Resp: 121775

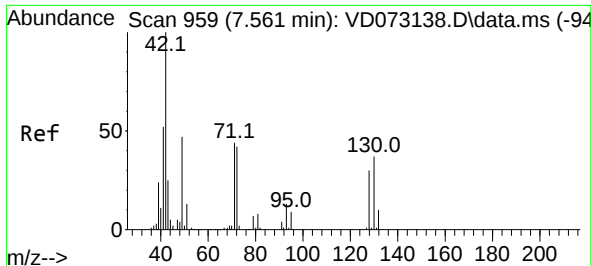
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 79.6 52.6 79.0#





#29

Tetrahydrofuran

Concen: 251.464 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

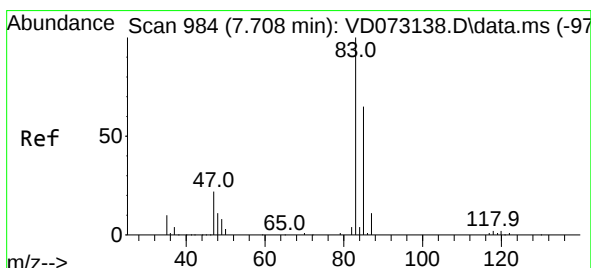
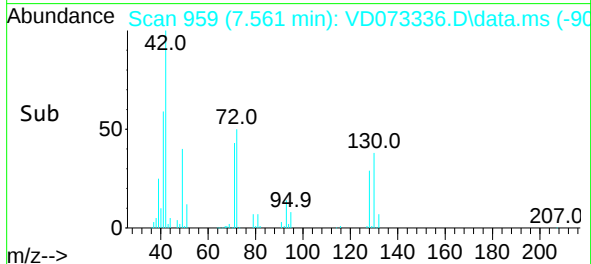
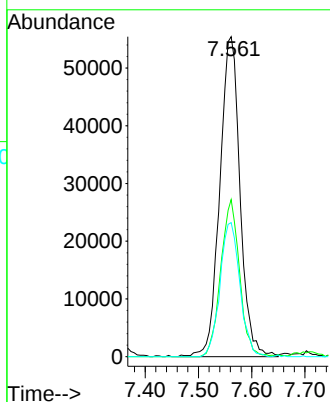
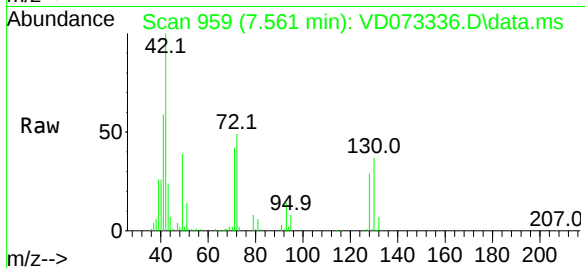
Tgt Ion: 42 Resp: 146437

Ion Ratio Lower Upper

42 100

72 45.6 30.7 46.1

71 41.2 28.6 43.0



#30

Chloroform

Concen: 49.170 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073336.D

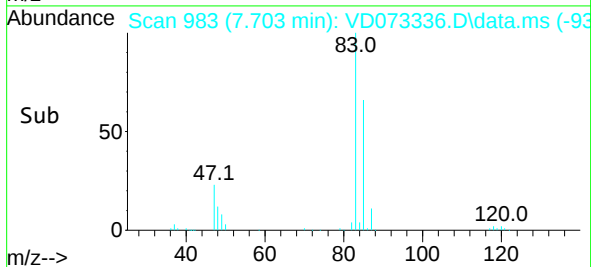
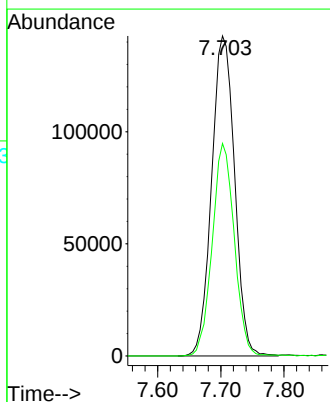
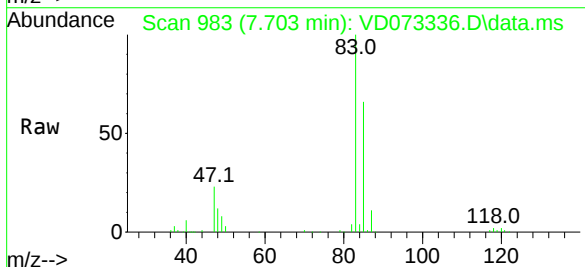
Acq: 24 May 2022 20:38

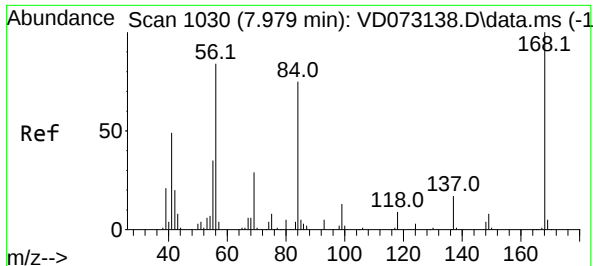
Tgt Ion: 83 Resp: 360317

Ion Ratio Lower Upper

83 100

85 66.4 52.7 79.1





#31

Cyclohexane

Concen: 41.567 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

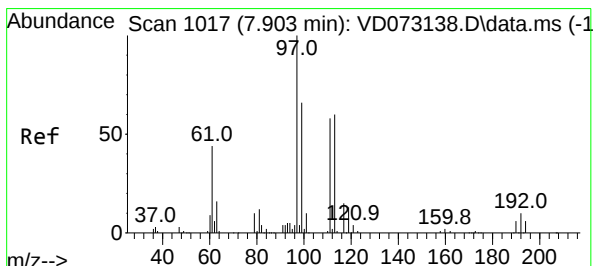
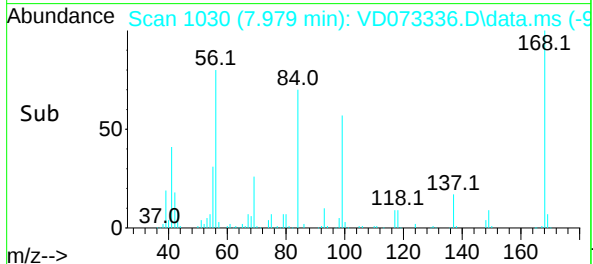
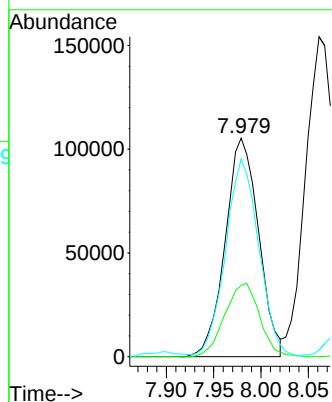
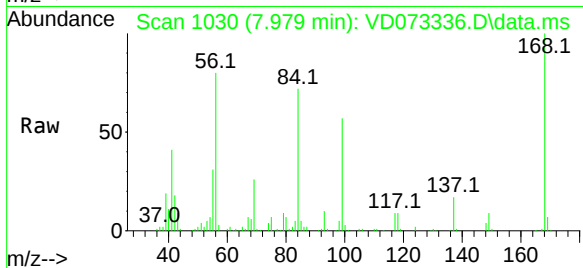
Tgt Ion: 56 Resp: 258148

Ion Ratio Lower Upper

56 100

69 32.7 25.4 38.2

84 89.2 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 46.199 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

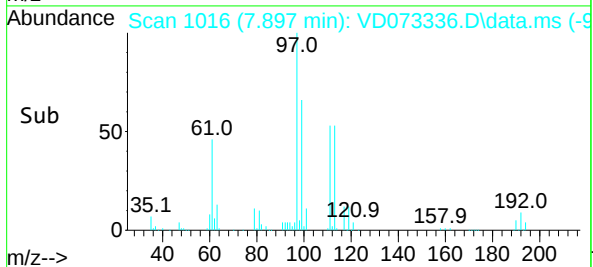
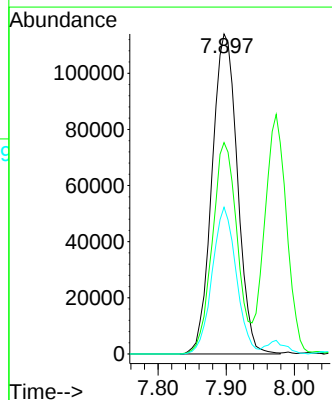
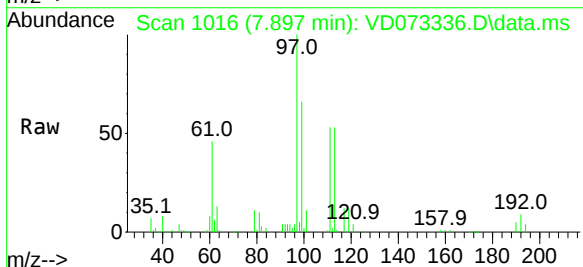
Tgt Ion: 97 Resp: 296102

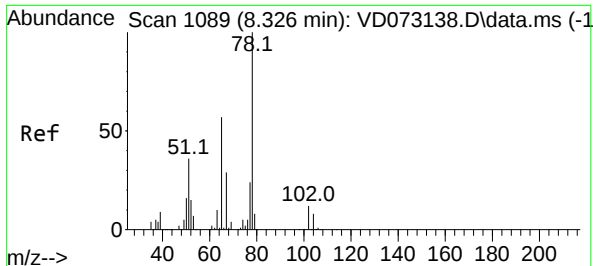
Ion Ratio Lower Upper

97 100

99 64.8 52.4 78.6

61 43.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 51.635 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

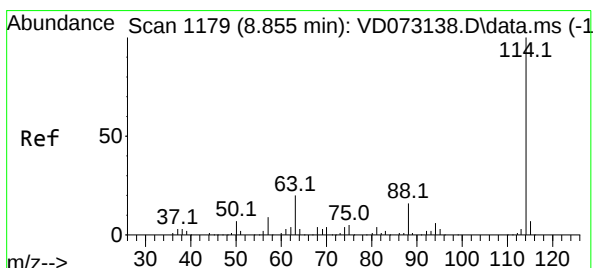
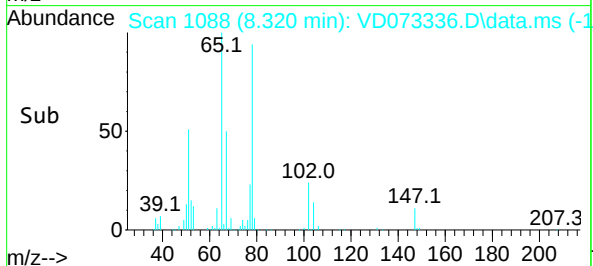
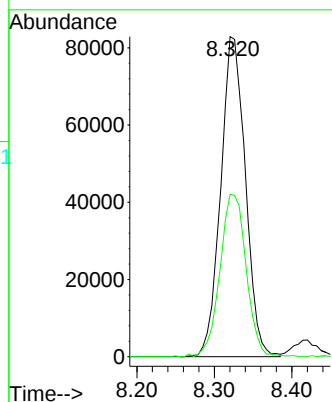
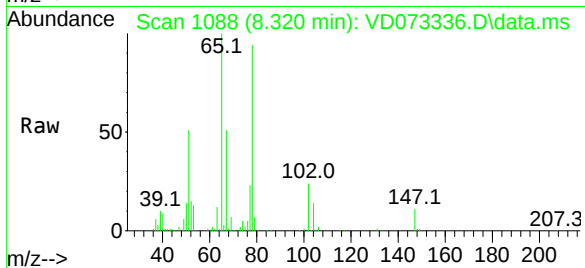
VSTDCCC050EC

Tgt Ion: 65 Resp: 183503

Ion Ratio Lower Upper

65 100

67 54.0 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: VD073336.D

Acq: 24 May 2022 20:38

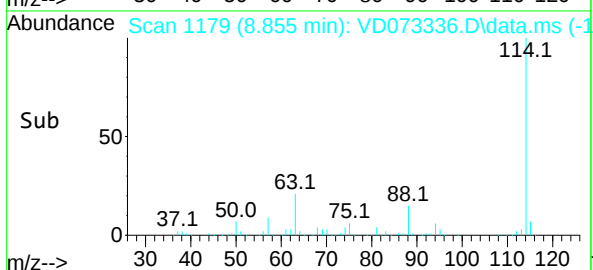
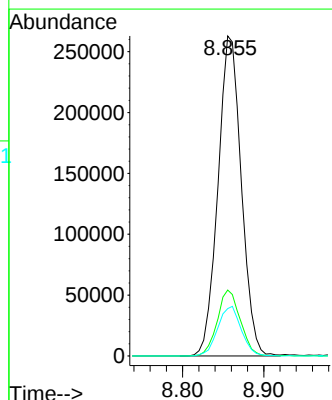
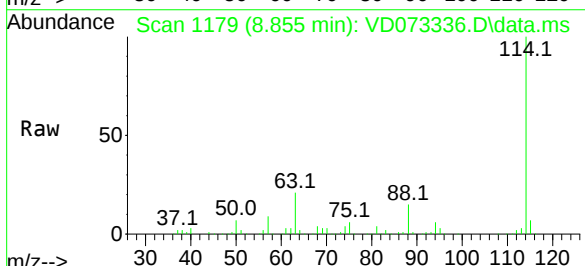
Tgt Ion: 114 Resp: 525936

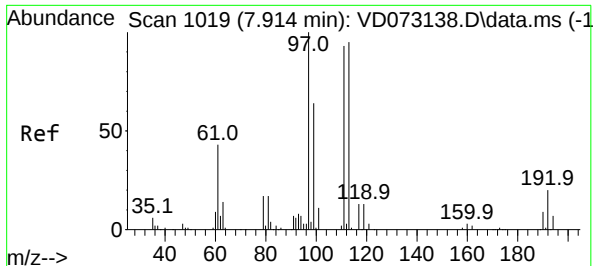
Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 14.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.829 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

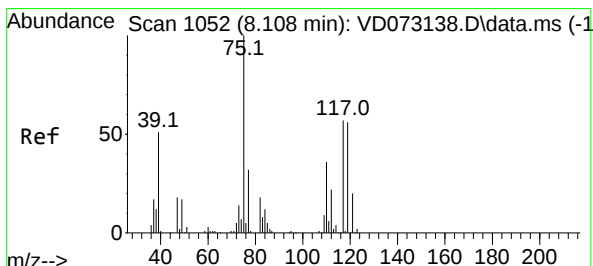
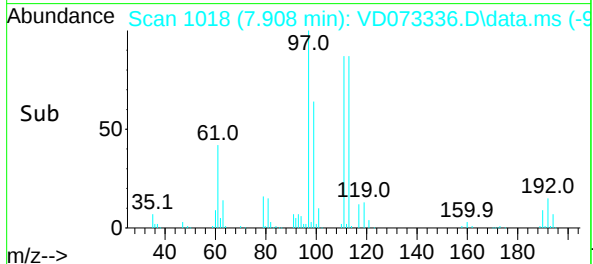
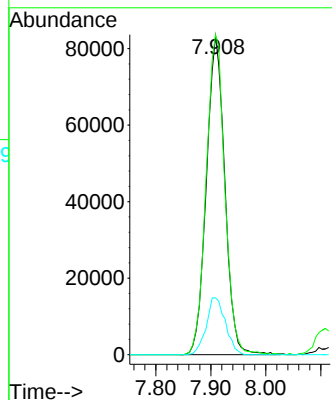
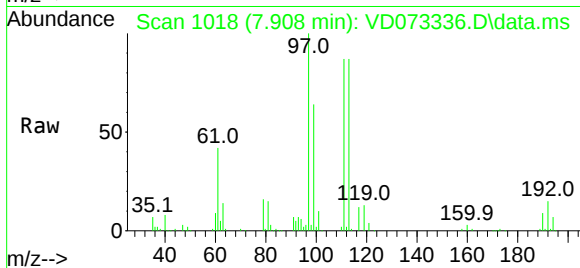
Tgt Ion:113 Resp: 193754

Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 18.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 47.266 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

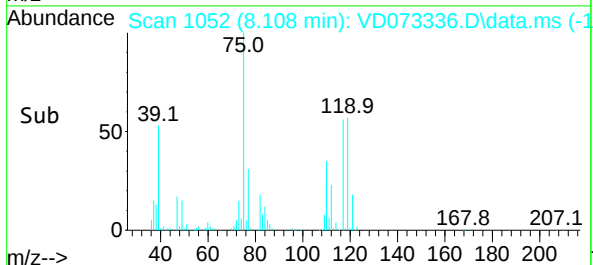
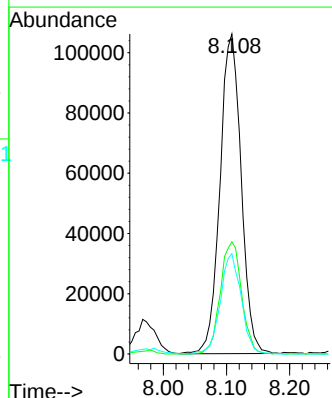
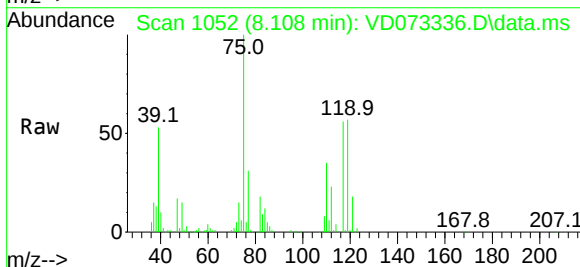
Tgt Ion: 75 Resp: 246704

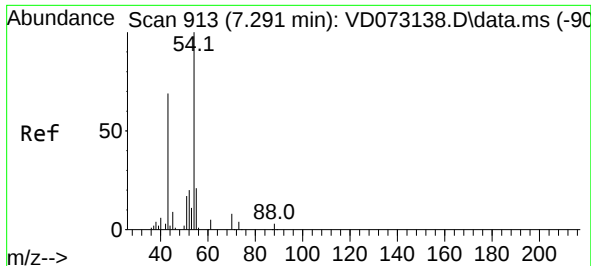
Ion Ratio Lower Upper

75 100

110 35.4 16.4 49.1

77 31.0 24.2 36.2





#37

Ethyl Acetate

Concen: 49.842 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

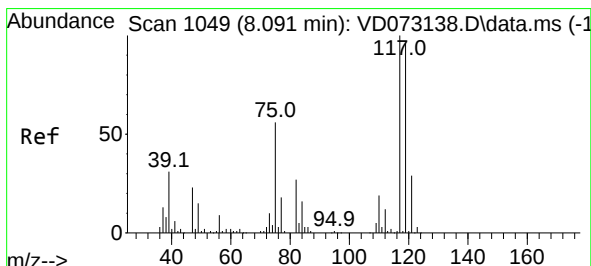
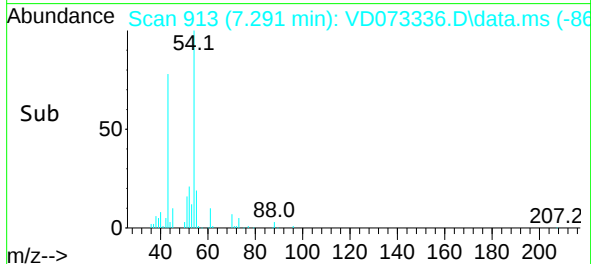
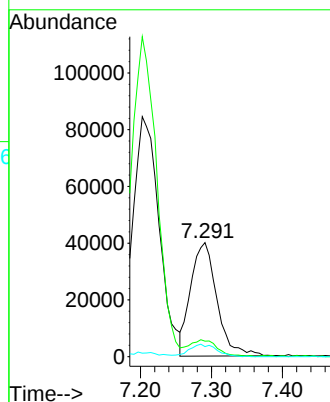
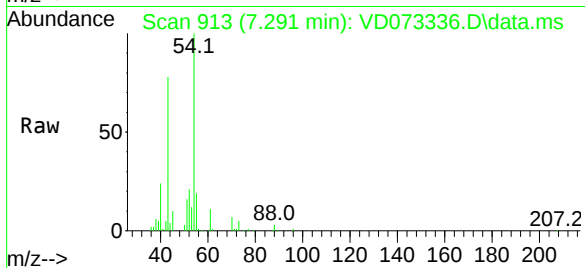
Tgt Ion: 43 Resp: 102758

Ion Ratio Lower Upper

43 100

61 15.3 9.8 14.8#

70 11.3 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 49.122 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

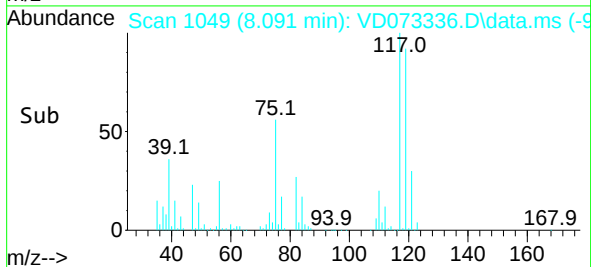
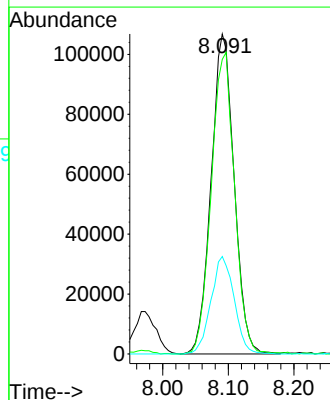
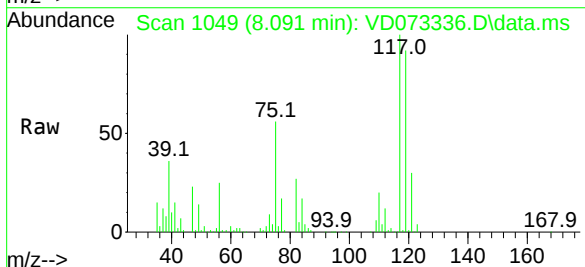
Tgt Ion: 117 Resp: 259901

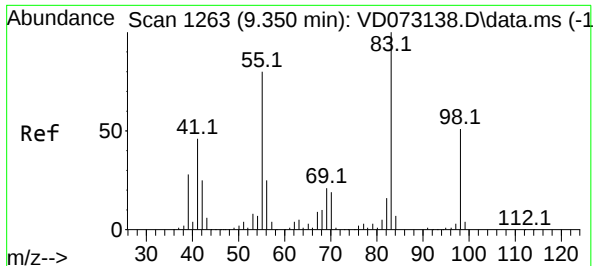
Ion Ratio Lower Upper

117 100

119 92.1 75.8 113.6

121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 46.603 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

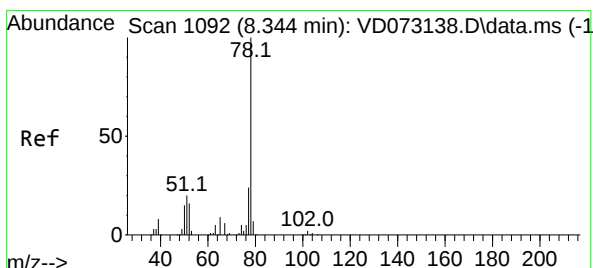
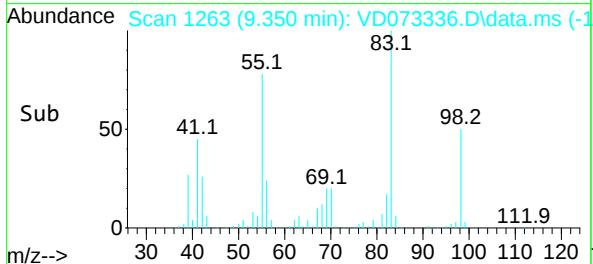
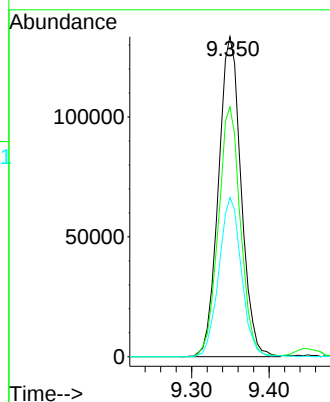
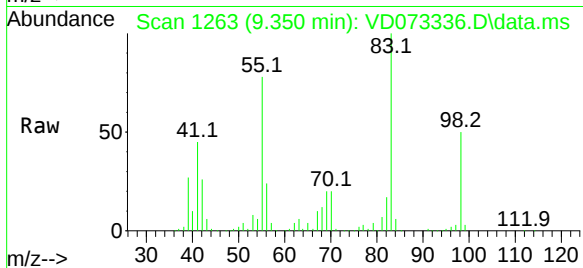
Tgt Ion: 83 Resp: 271084

Ion Ratio Lower Upper

83 100

55 78.1 63.2 94.8

98 49.7 38.2 57.4



#40

Benzene

Concen: 49.400 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073336.D

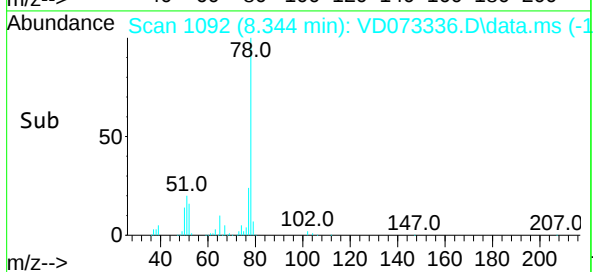
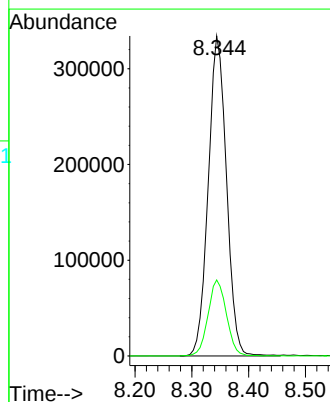
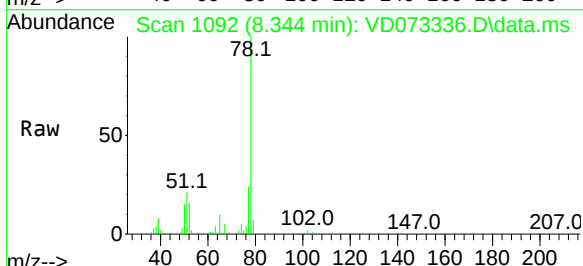
Acq: 24 May 2022 20:38

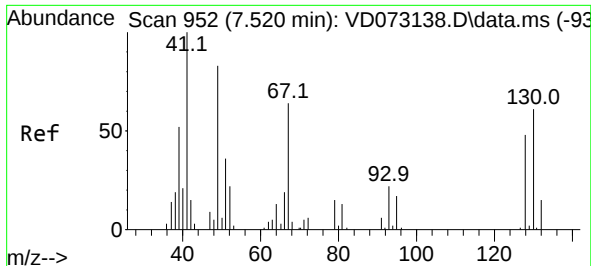
Tgt Ion: 78 Resp: 743112

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7

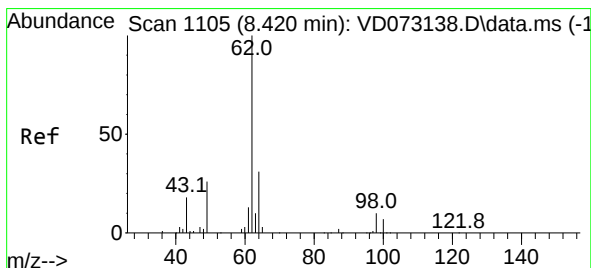
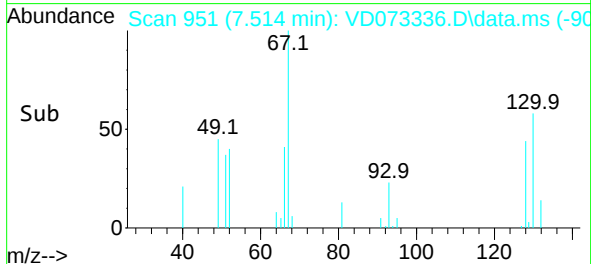
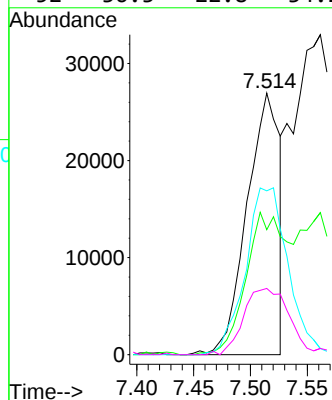
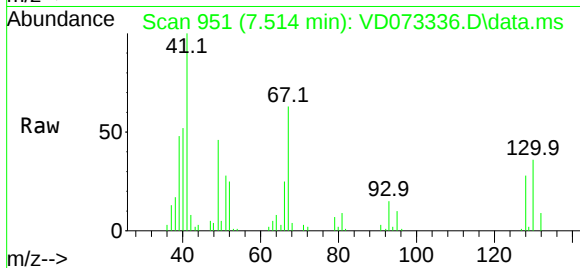




#41
Methacrylonitrile
Concen: 44.881 ug/l
RT: 7.514 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

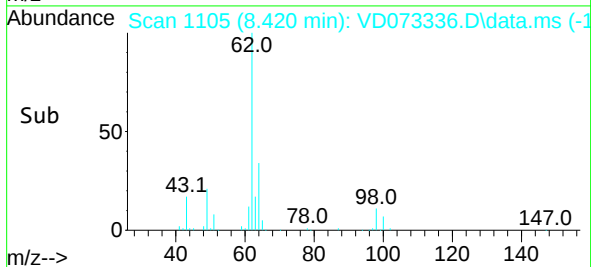
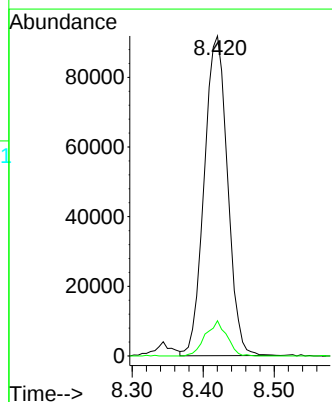
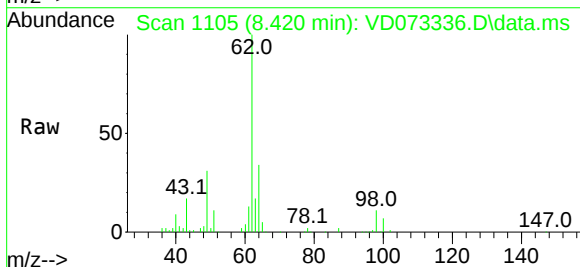
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

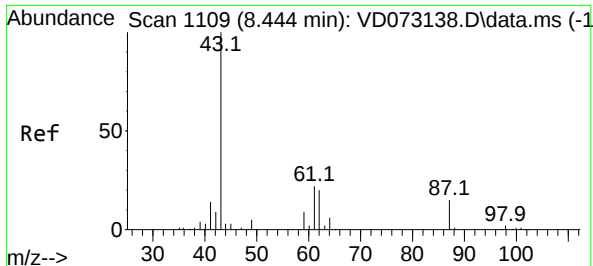
Tgt Ion: 41 Resp: 53911
Ion Ratio Lower Upper
41 100
39 70.7 44.6 67.0#
67 83.0 48.2 72.4#
52 36.3 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 50.014 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 62 Resp: 209339
Ion Ratio Lower Upper
62 100
98 10.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 53.248 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

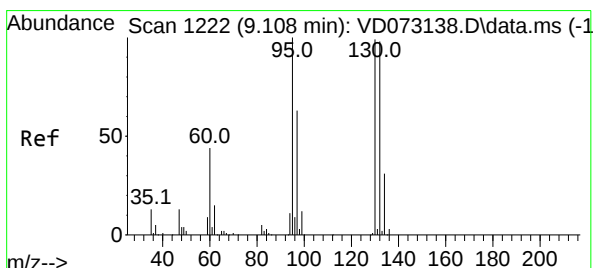
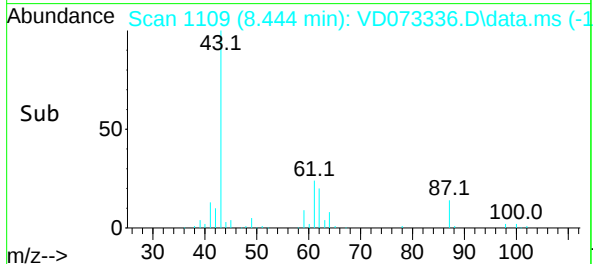
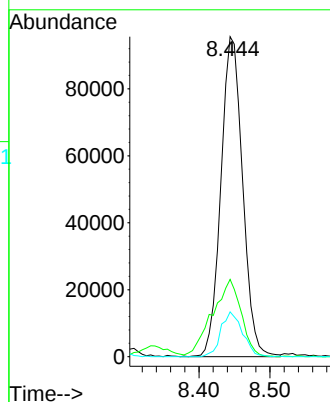
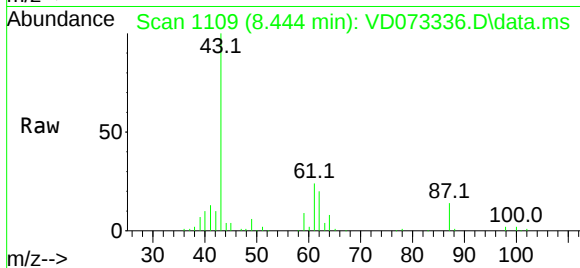
Tgt Ion: 43 Resp: 202914

Ion Ratio Lower Upper

43 100

61 32.2 22.4 33.6

87 13.9 8.7 13.1#



#44

Trichloroethene

Concen: 49.222 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073336.D

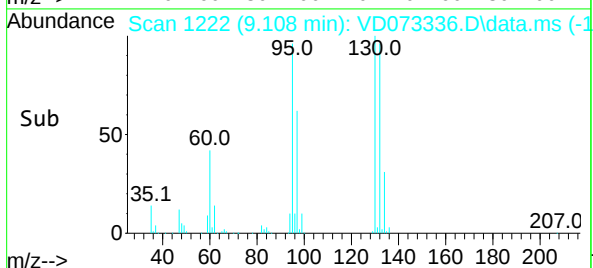
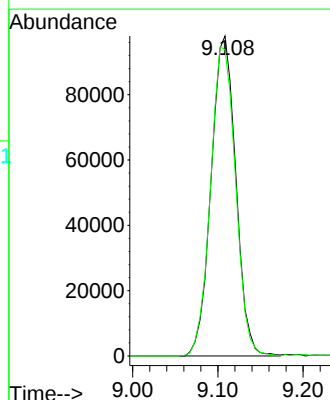
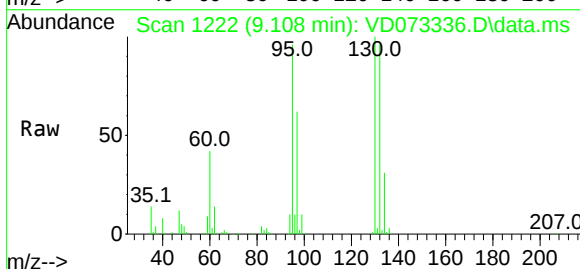
Acq: 24 May 2022 20:38

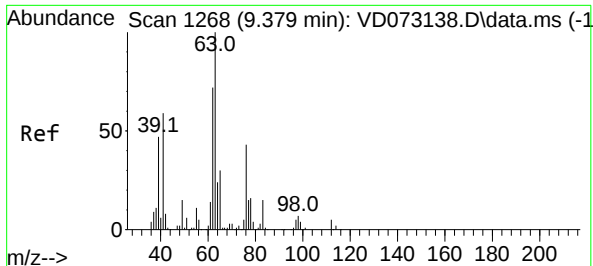
Tgt Ion:130 Resp: 197449

Ion Ratio Lower Upper

130 100

95 95.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 50.883 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

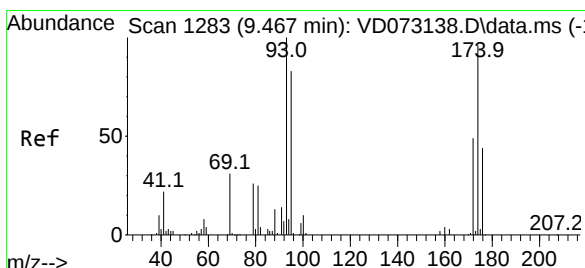
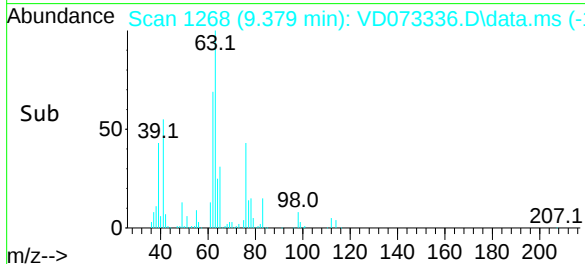
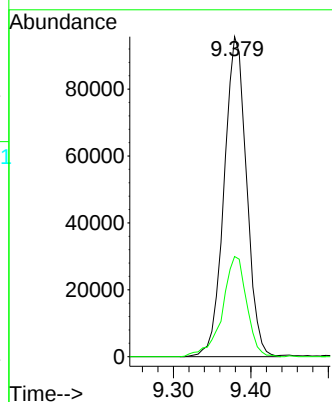
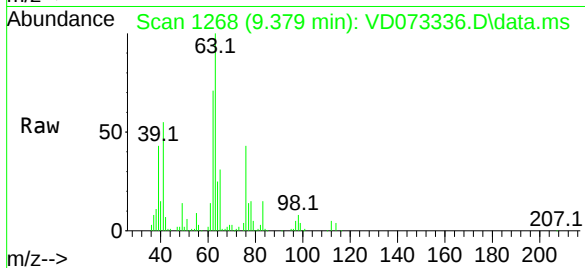
VSTDCCC050EC

Tgt Ion: 63 Resp: 192762

Ion Ratio Lower Upper

63 100

65 31.3 26.2 39.4



#46

Dibromomethane

Concen: 49.394 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

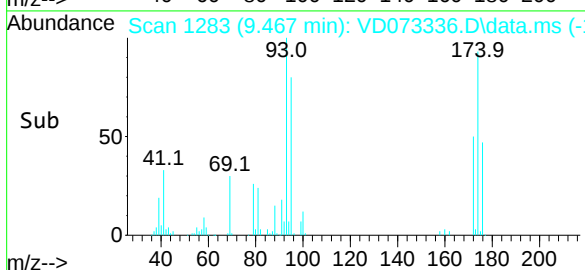
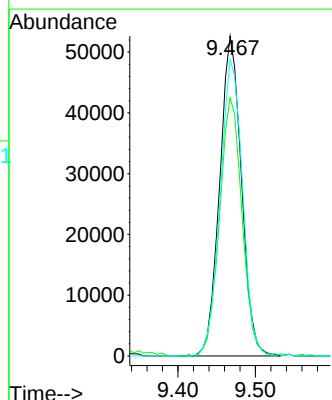
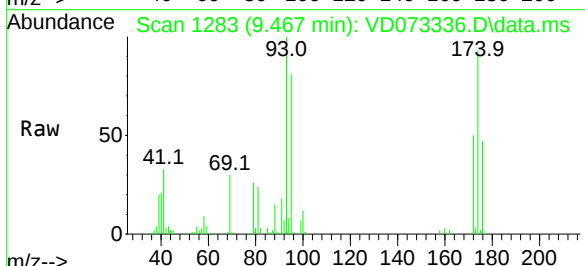
Tgt Ion: 93 Resp: 102771

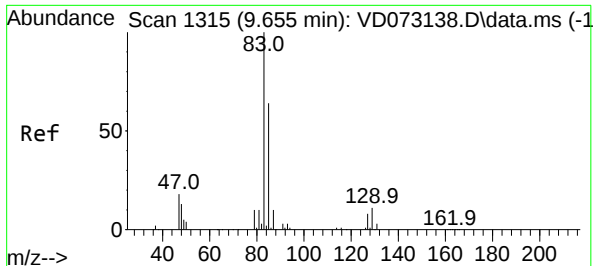
Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

174 95.0 71.6 107.4

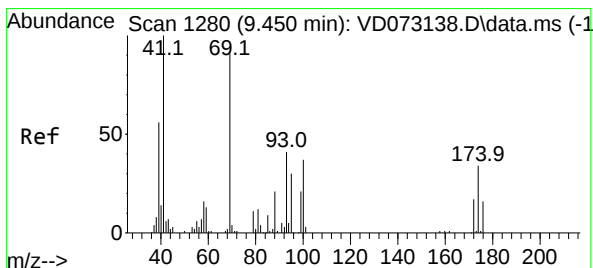
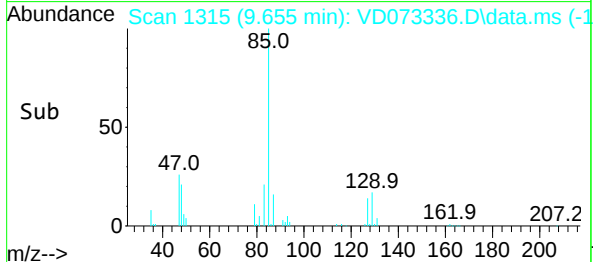
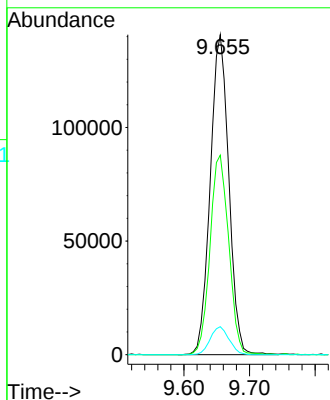
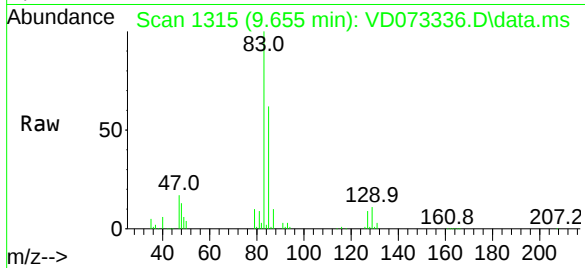




#47
Bromodichloromethane
Concen: 51.911 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

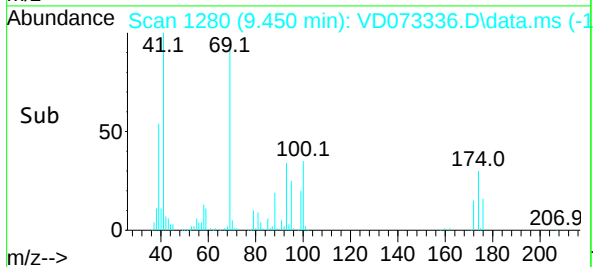
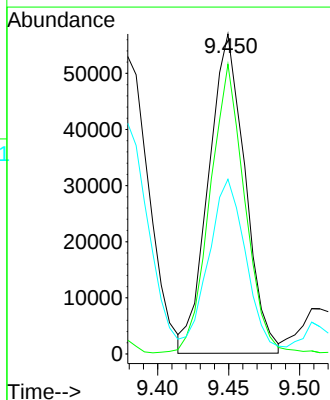
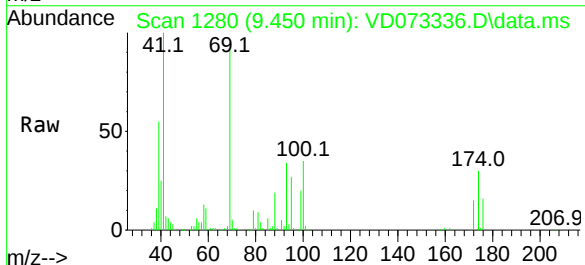
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

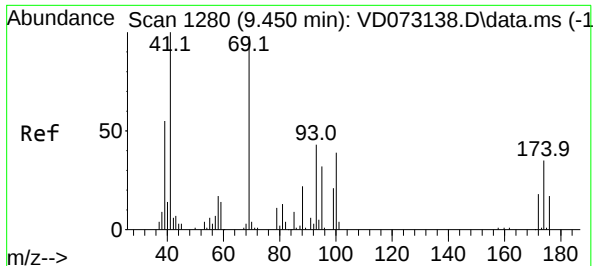
Tgt Ion: 83 Resp: 276356
Ion Ratio Lower Upper
83 100
85 62.3 51.4 77.0
127 8.7 6.1 9.1



#48
Methyl methacrylate
Concen: 53.044 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 41 Resp: 101698
Ion Ratio Lower Upper
41 100
69 86.4 56.7 85.1#
39 56.8 42.7 64.1





#49

1,4-Dioxane

Concen: 1094.166 ug/l

RT: 9.455 min Scan# 1280

Delta R.T. 0.005 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

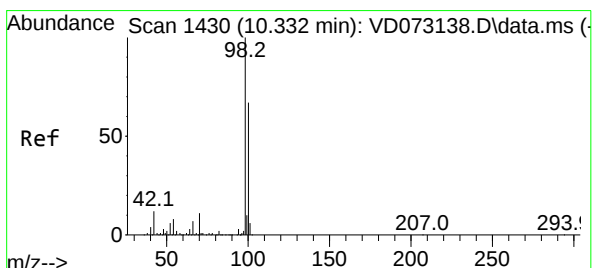
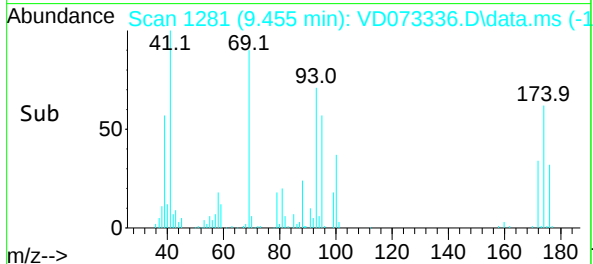
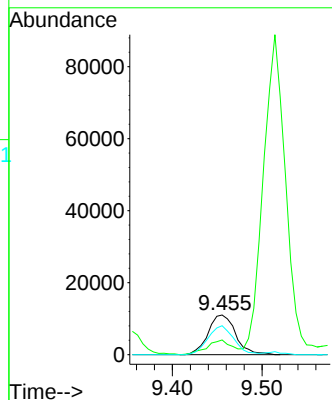
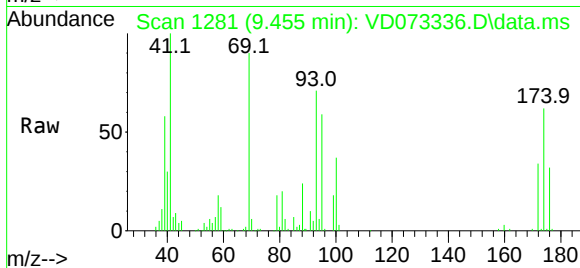
Tgt Ion: 88 Resp: 23510

Ion Ratio Lower Upper

88 100

43 33.3 31.0 46.4

58 68.8 58.1 87.1



#50

Toluene-d8

Concen: 55.170 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073336.D

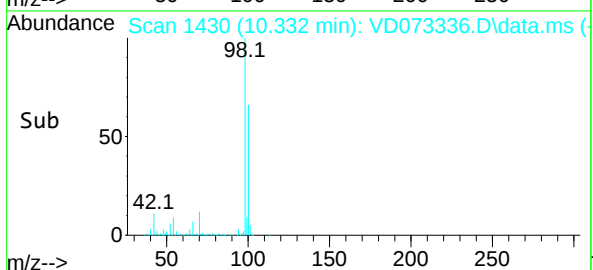
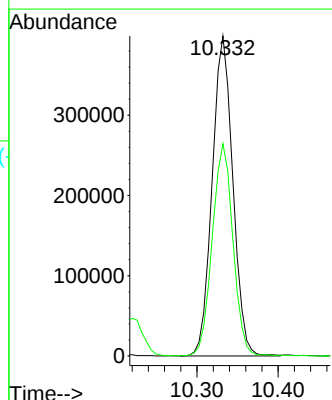
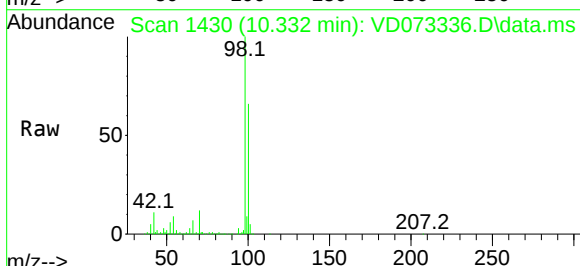
Acq: 24 May 2022 20:38

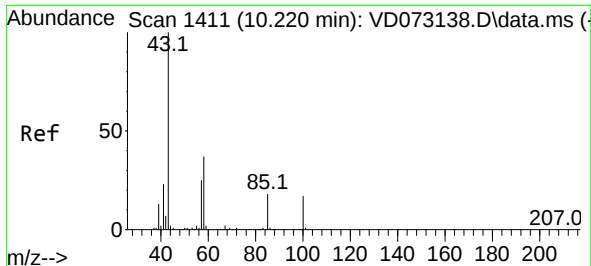
Tgt Ion: 98 Resp: 705787

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6

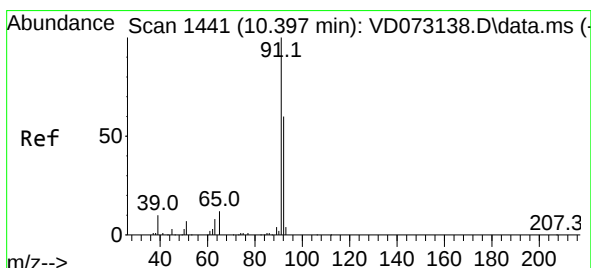
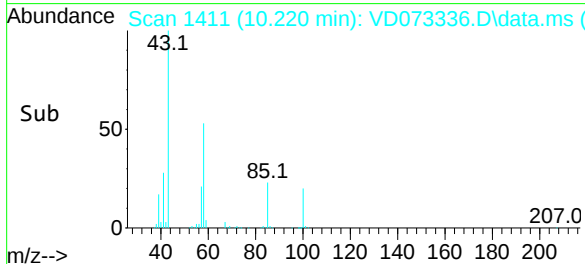
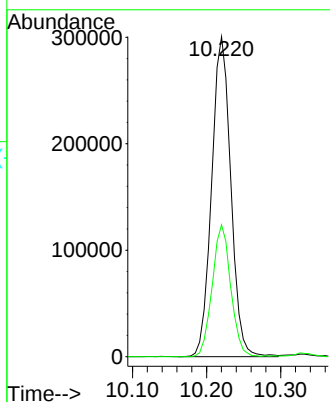
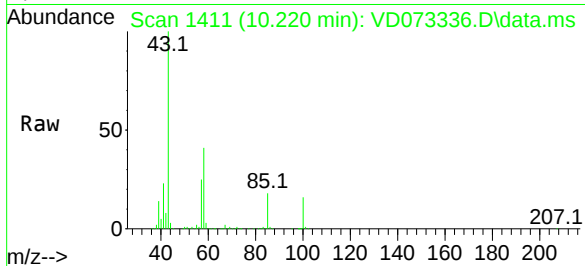




#51
4-Methyl-2-Pentanone
Concen: 273.019 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

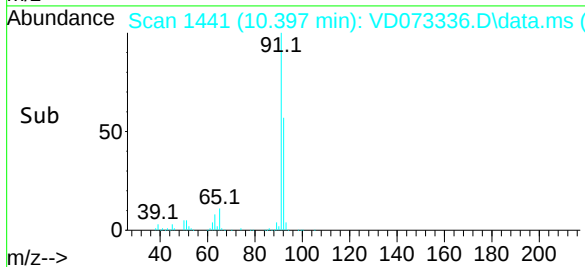
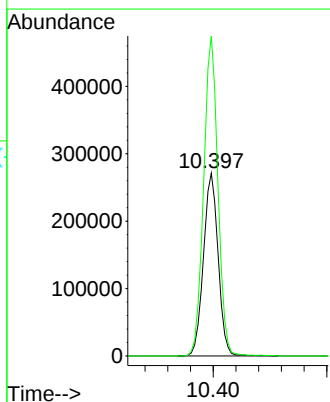
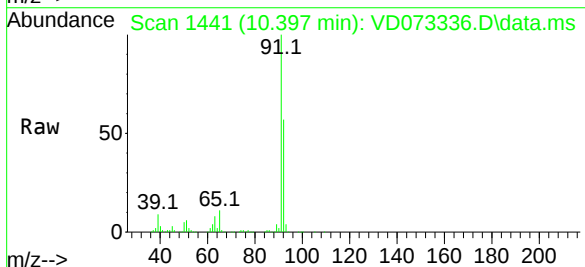
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

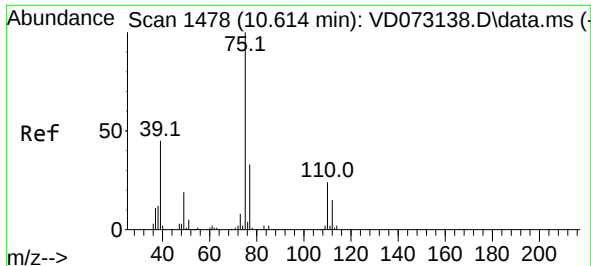
Tgt Ion: 43 Resp: 540368
Ion Ratio Lower Upper
43 100
58 39.7 28.6 43.0



#52
Toluene
Concen: 50.859 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 92 Resp: 483459
Ion Ratio Lower Upper
92 100
91 170.5 139.6 209.4

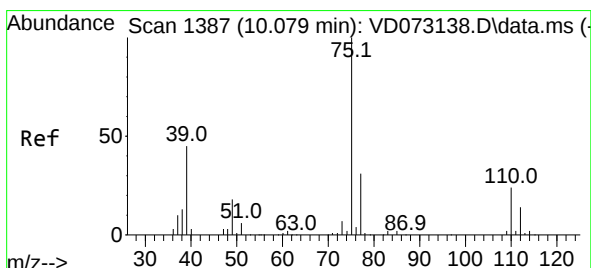
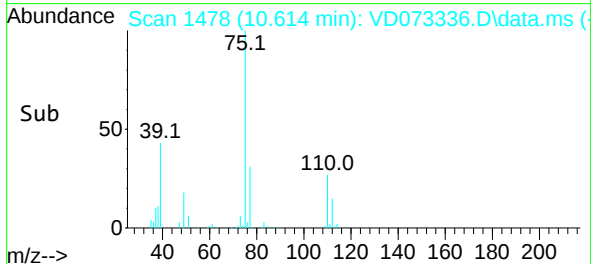
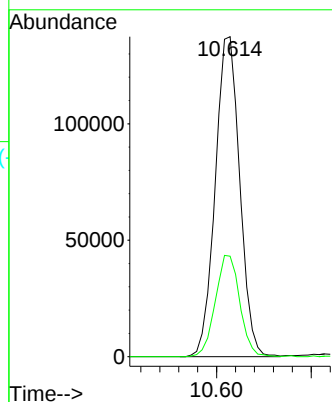
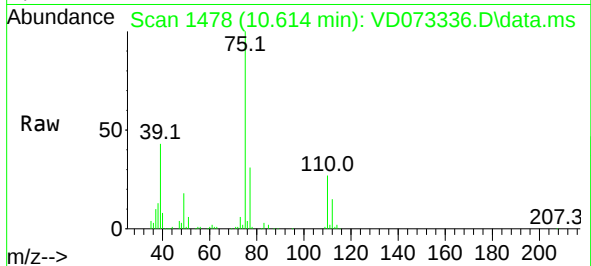




#53
t-1,3-Dichloropropene
Concen: 51.314 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

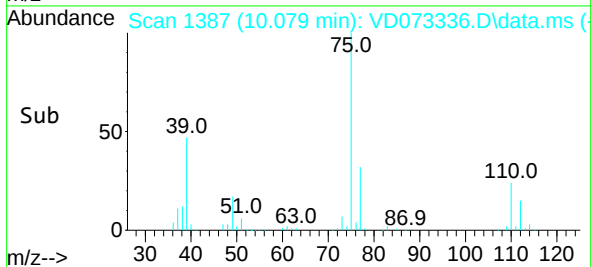
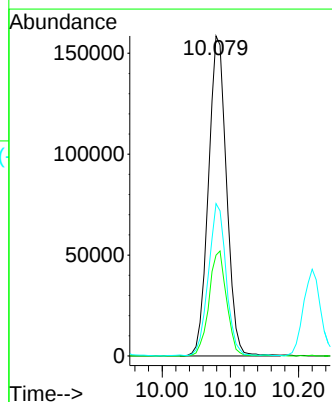
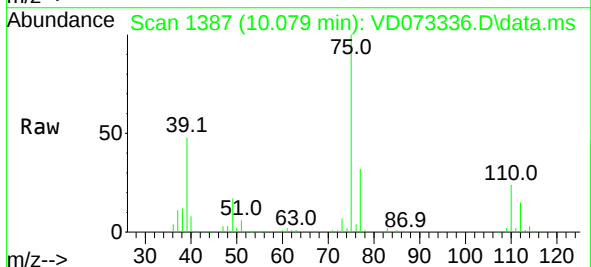
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

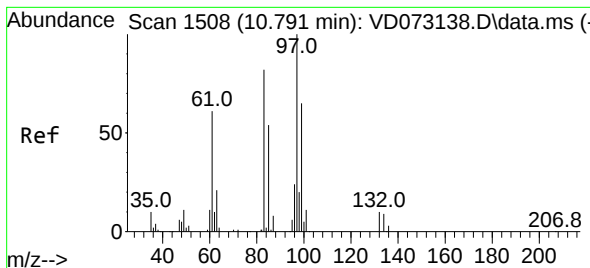
Tgt Ion: 75 Resp: 246798
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 50.919 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 75 Resp: 293067
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 47.4 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 51.973 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 146229

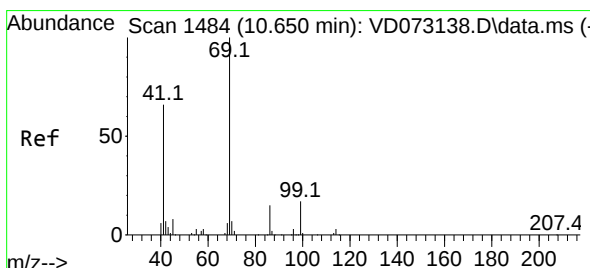
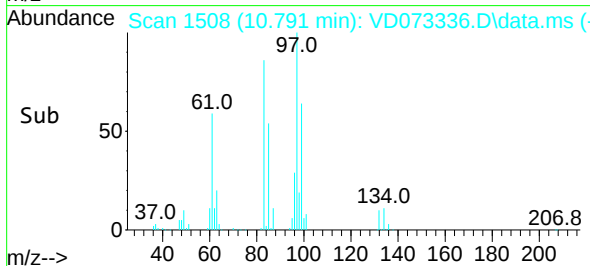
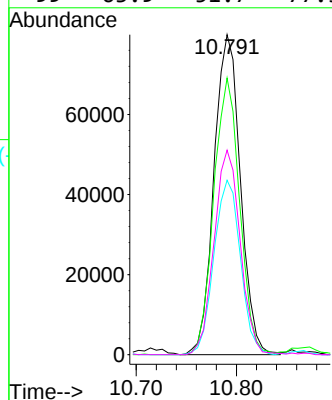
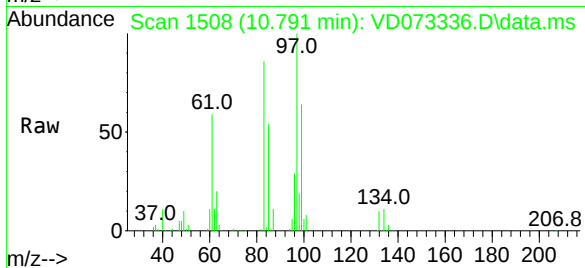
Ion Ratio Lower Upper

97 100

83 86.5 69.0 103.4

85 54.5 42.6 63.8

99 63.9 51.7 77.5



#56

Ethyl methacrylate

Concen: 55.842 ug/l

RT: 10.649 min Scan# 1484

Delta R.T. -0.001 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

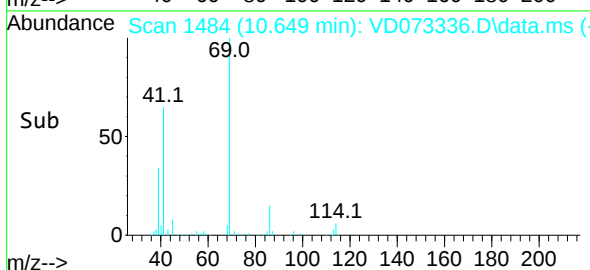
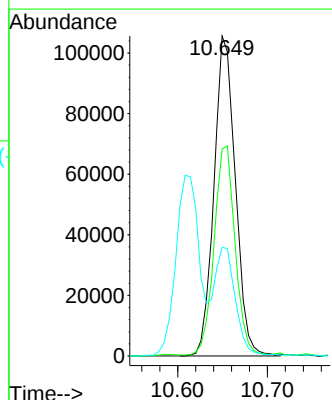
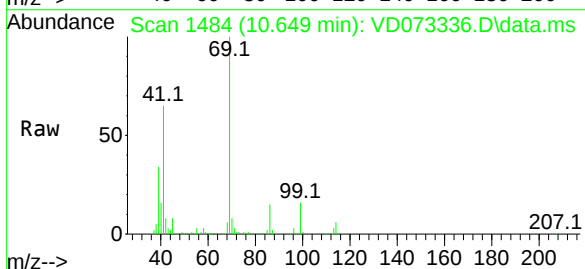
Tgt Ion: 69 Resp: 174688

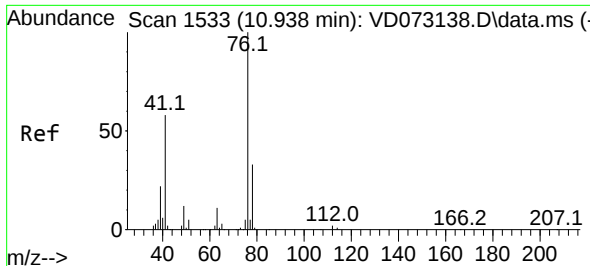
Ion Ratio Lower Upper

69 100

41 64.0 63.0 94.6

39 33.7 33.8 50.8#





#57

1,3-Dichloropropane

Concen: 52.225 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

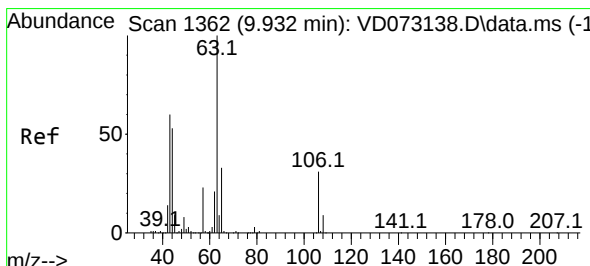
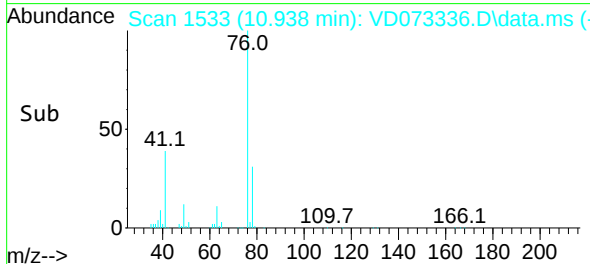
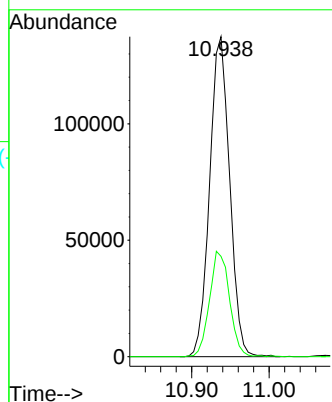
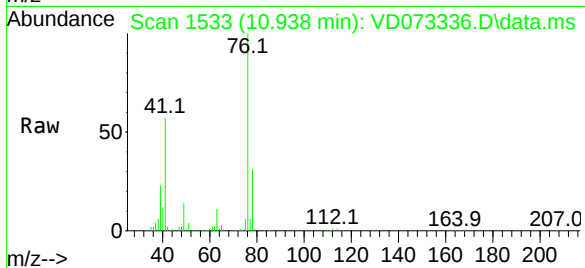
VSTDCCC050EC

Tgt Ion: 76 Resp: 246550

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 263.755 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073336.D

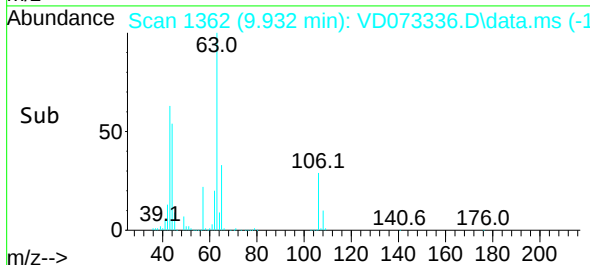
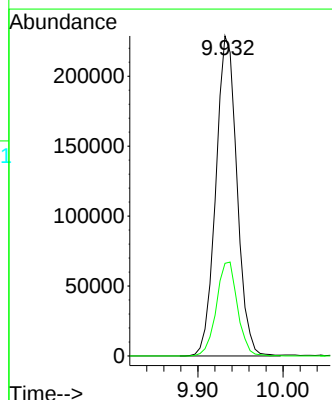
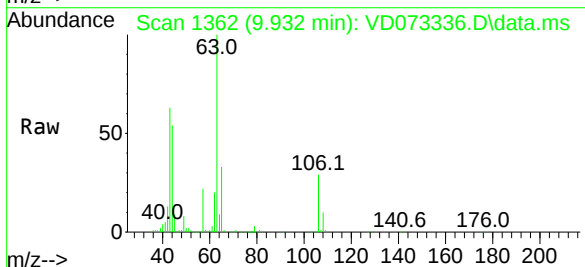
Acq: 24 May 2022 20:38

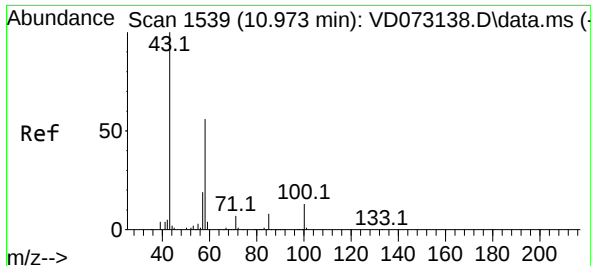
Tgt Ion: 63 Resp: 393938

Ion Ratio Lower Upper

63 100

106 29.3 21.4 32.0

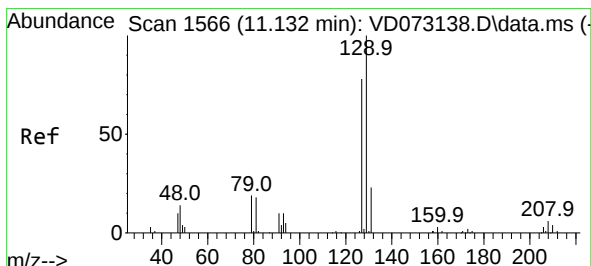
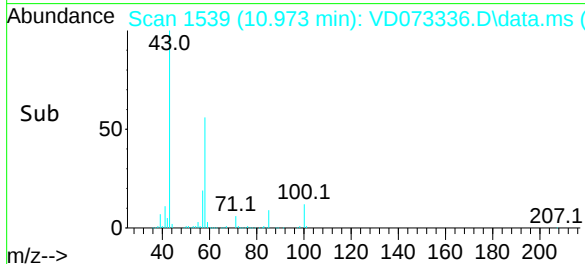
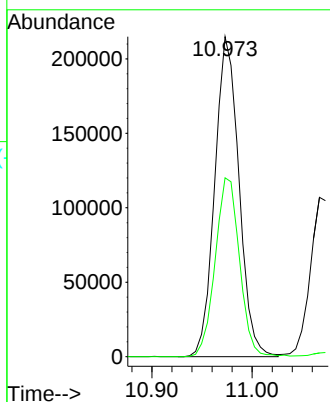
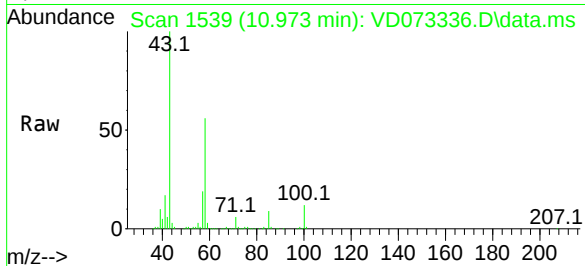




#59
2-Hexanone
Concen: 275.695 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

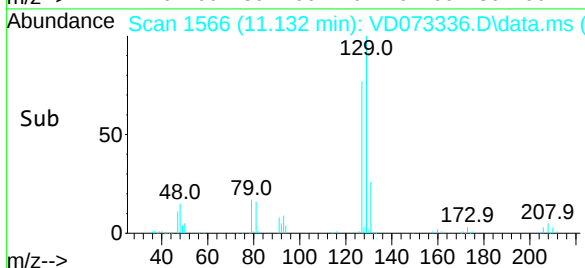
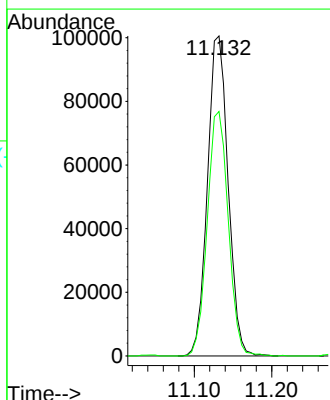
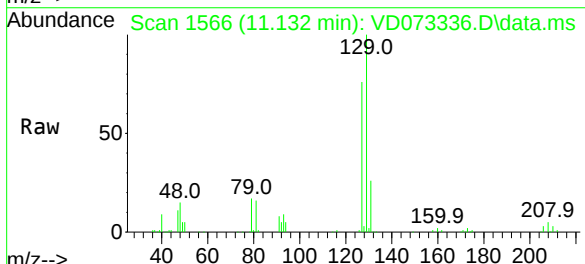
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

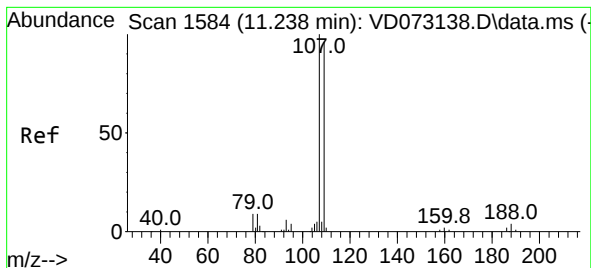
Tgt Ion: 43 Resp: 359748
Ion Ratio Lower Upper
43 100
58 56.3 25.3 75.9



#60
Dibromochloromethane
Concen: 53.092 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion:129 Resp: 186262
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

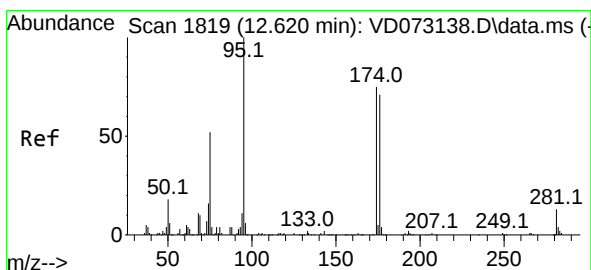
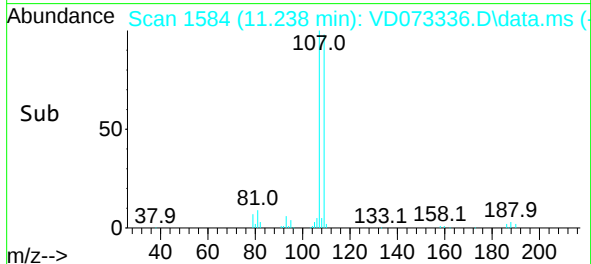
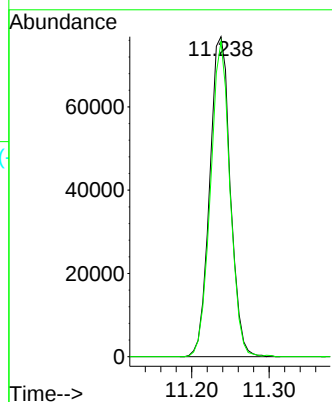
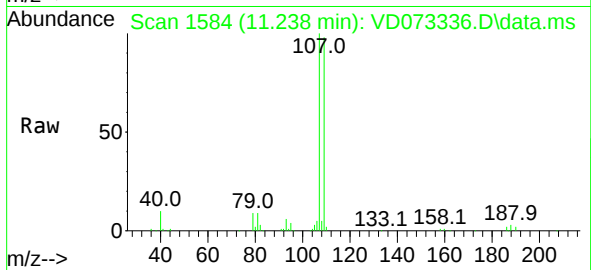




#61
1,2-Dibromoethane
Concen: 52.818 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

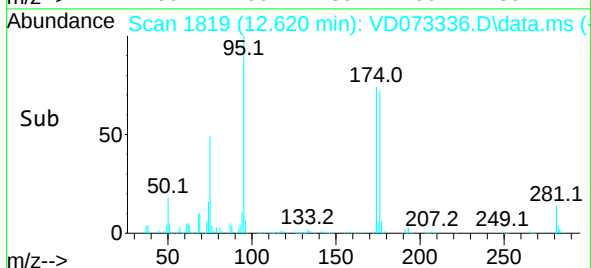
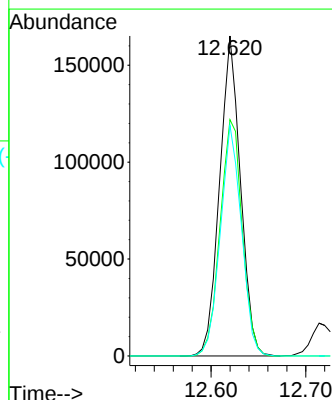
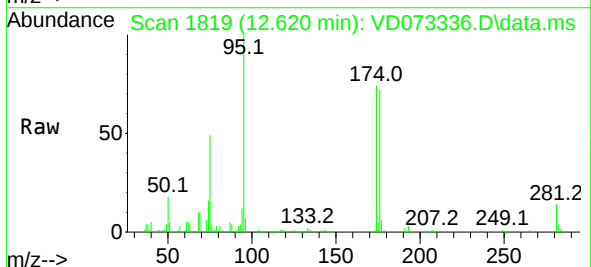
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

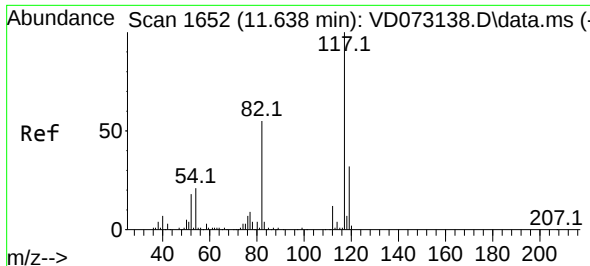
Tgt Ion:107 Resp: 142004
Ion Ratio Lower Upper
107 100
109 93.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.407 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 95 Resp: 253243
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 72.8 0.0 145.4

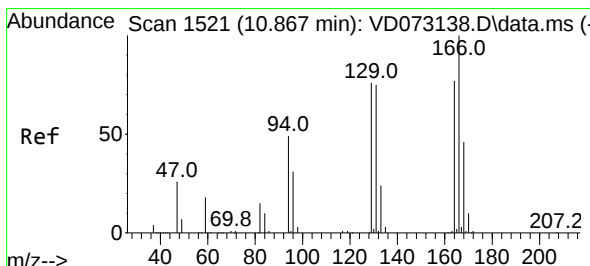
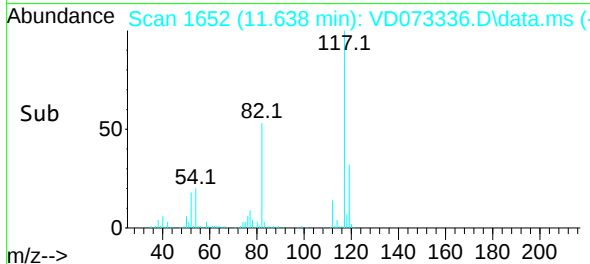
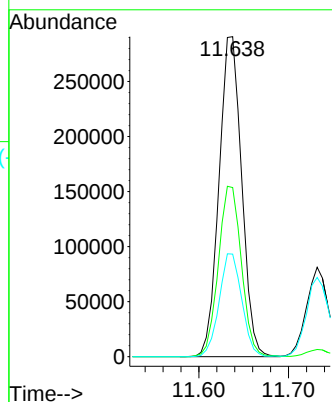
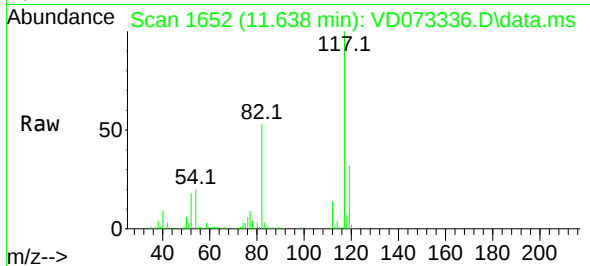




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

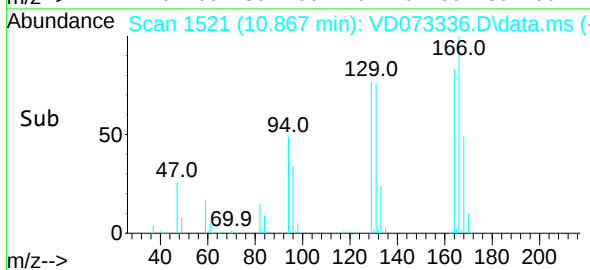
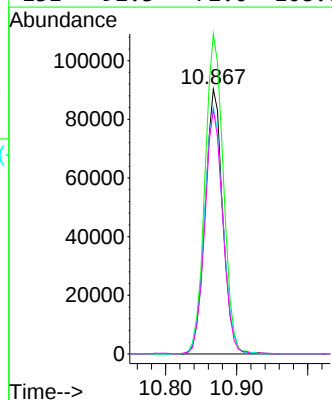
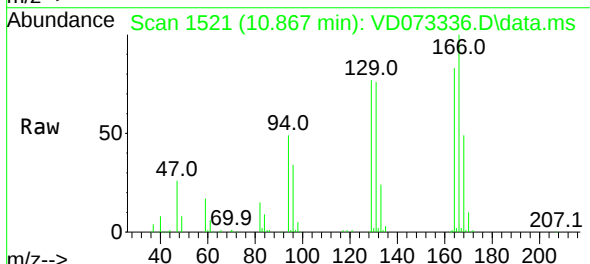
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

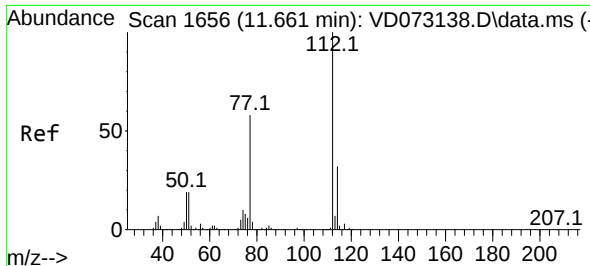
Tgt Ion:117 Resp: 510756
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 32.0 26.6 40.0



#64
Tetrachloroethene
Concen: 46.724 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion:164 Resp: 156306
Ion Ratio Lower Upper
164 100
166 120.8 98.5 147.7
129 93.2 74.6 111.8
131 92.3 72.0 108.0

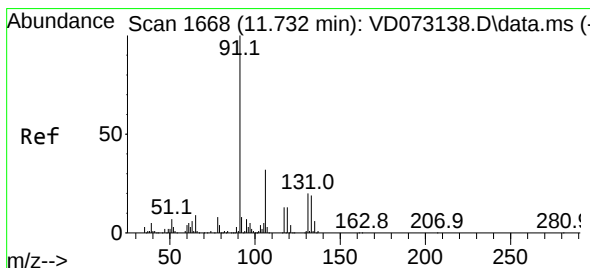
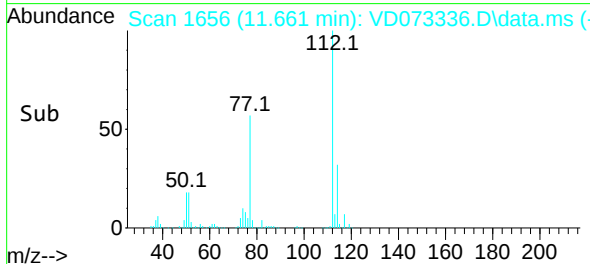
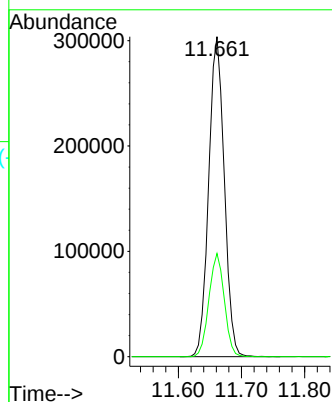
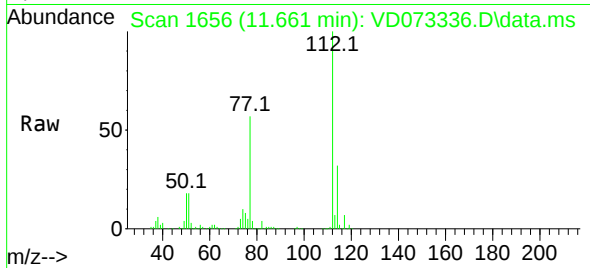




#65
Chlorobenzene
Concen: 49.677 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

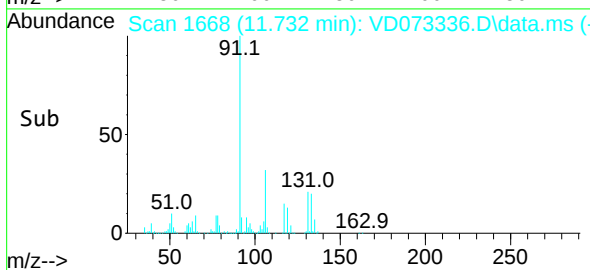
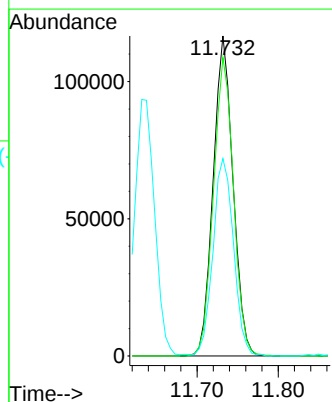
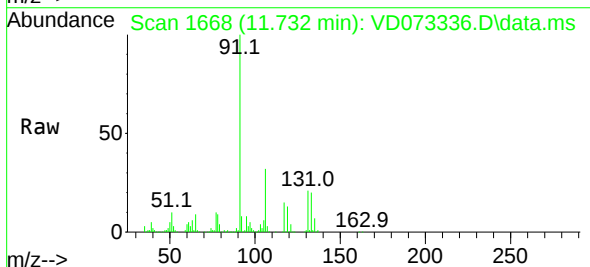
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

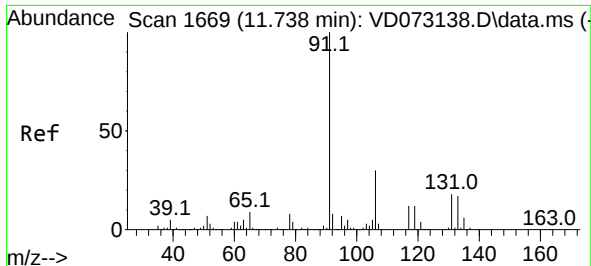
Tgt Ion:112 Resp: 520519
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.912 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion:131 Resp: 197845
Ion Ratio Lower Upper
131 100
133 94.3 48.1 144.3
119 63.9 31.9 95.9





#67

Ethyl Benzene

Concen: 49.833 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

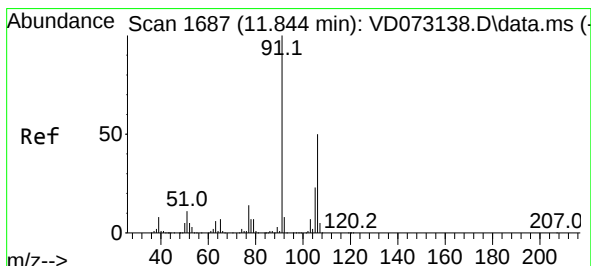
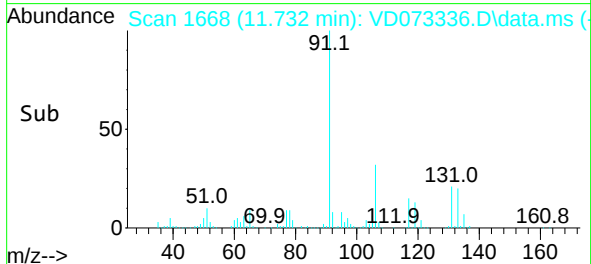
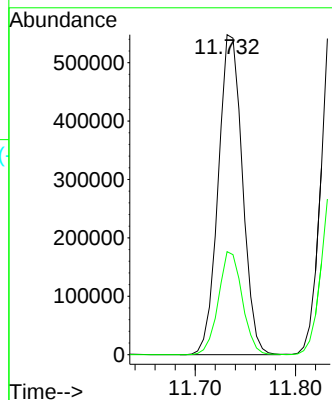
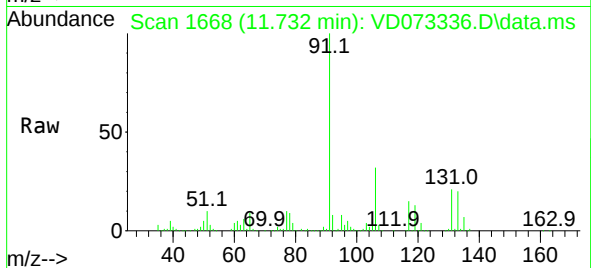
VSTDCCC050EC

Tgt Ion: 91 Resp: 916625

Ion Ratio Lower Upper

91 100

106 32.2 24.2 36.4



#68

m/p-Xylenes

Concen: 101.020 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073336.D

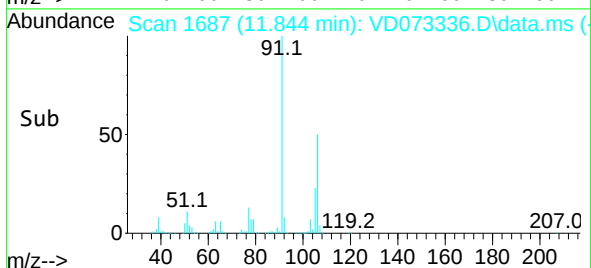
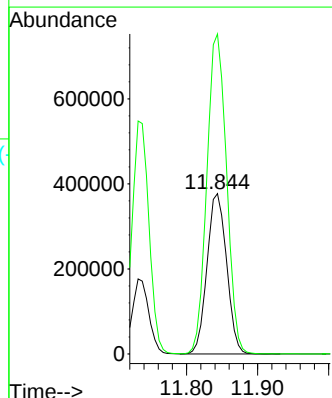
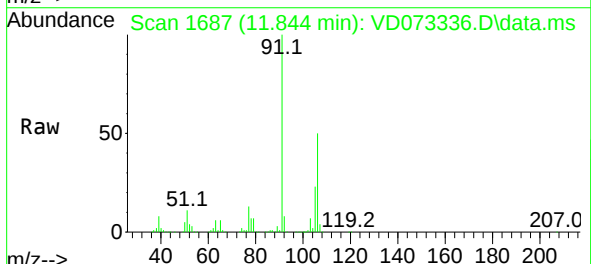
Acq: 24 May 2022 20:38

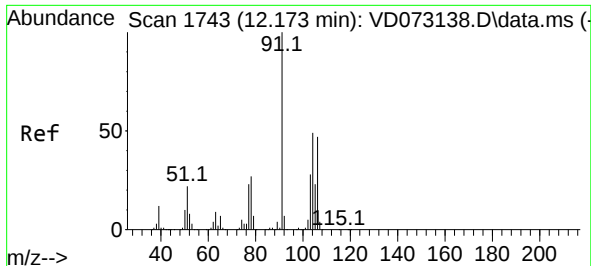
Tgt Ion: 106 Resp: 721912

Ion Ratio Lower Upper

106 100

91 200.4 163.7 245.5

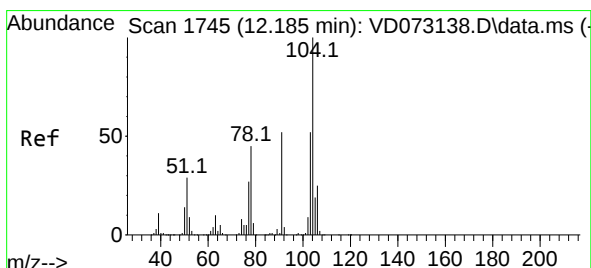
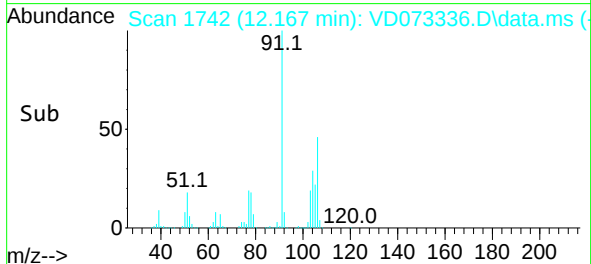
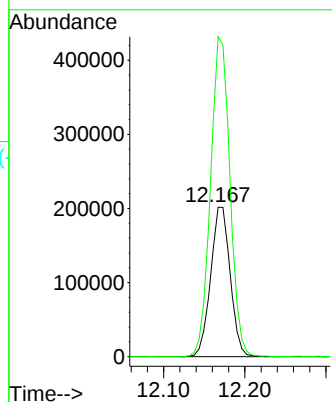
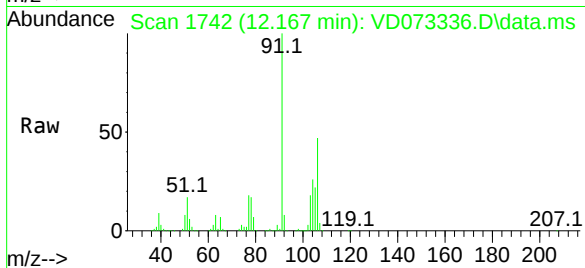




#69
o-Xylene
Concen: 51.342 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

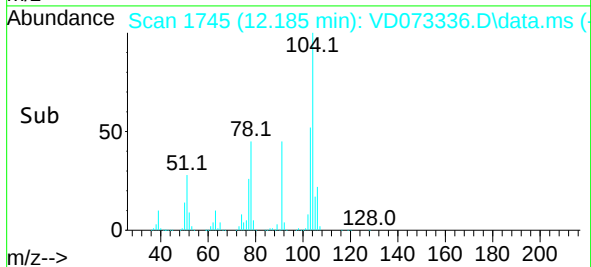
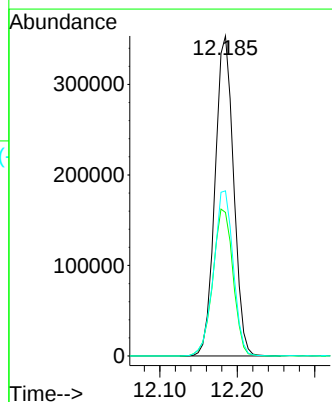
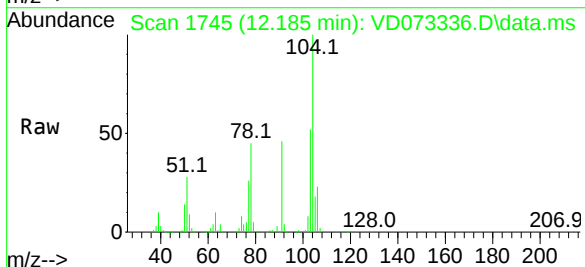
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

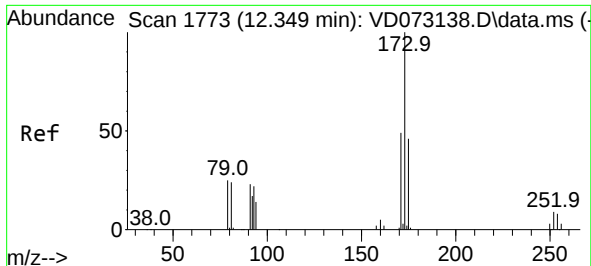
Tgt Ion:106 Resp: 337057
Ion Ratio Lower Upper
106 100
91 213.0 110.4 331.2



#70
Styrene
Concen: 52.010 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion:104 Resp: 587445
Ion Ratio Lower Upper
104 100
78 49.9 41.8 62.8
103 54.7 44.2 66.4

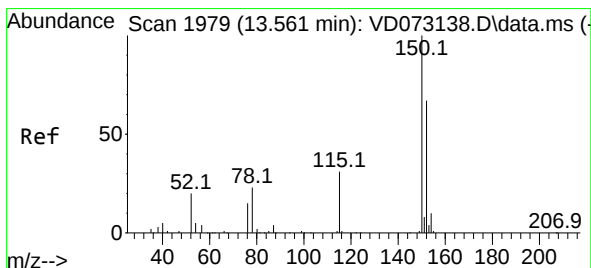
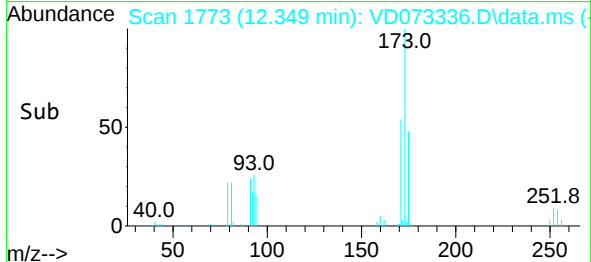
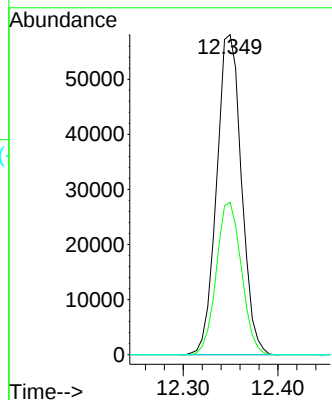
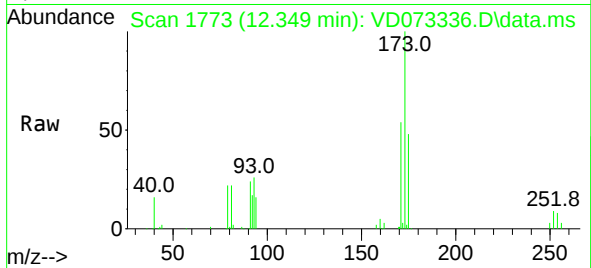




#71
Bromoform
Concen: 52.865 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

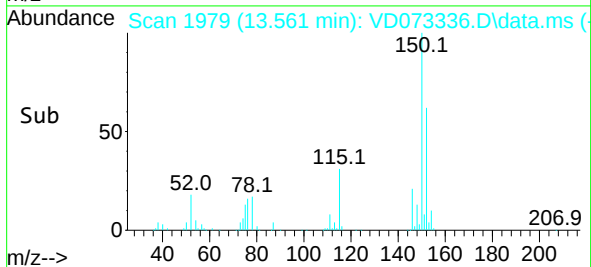
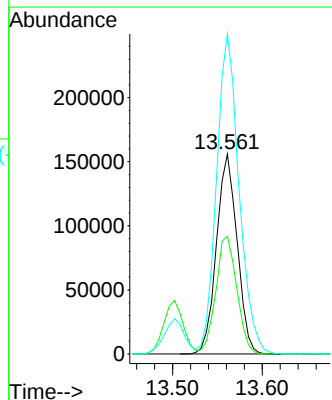
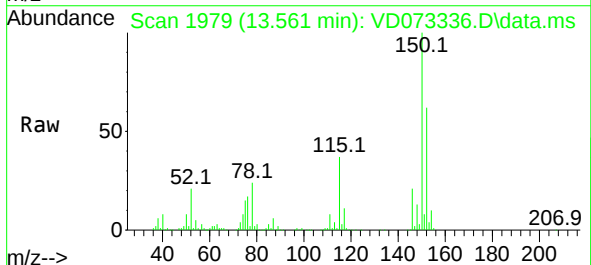
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

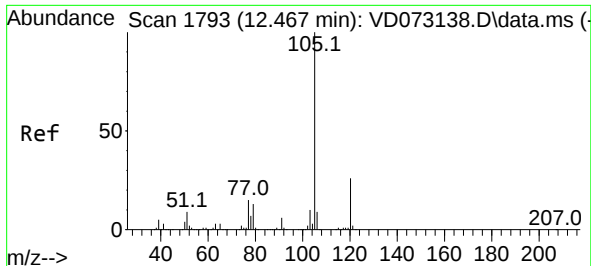
Tgt Ion:173 Resp: 105729
Ion Ratio Lower Upper
173 100
175 48.1 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion:152 Resp: 249229
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 174.4 0.0 348.6

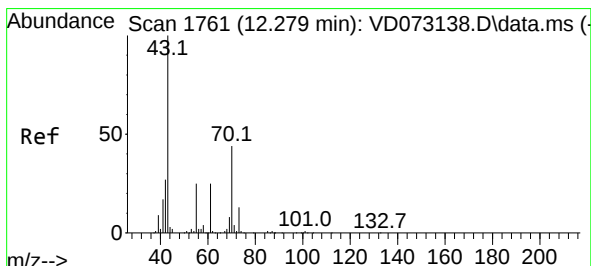
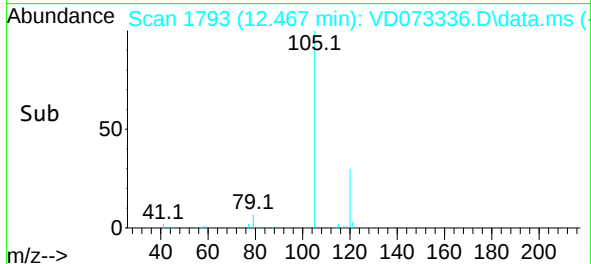
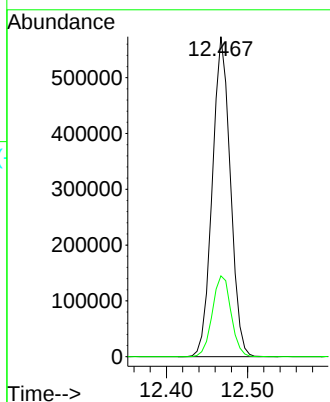
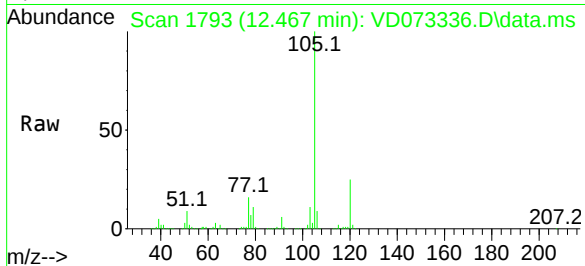




#73
Isopropylbenzene
Concen: 49.913 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

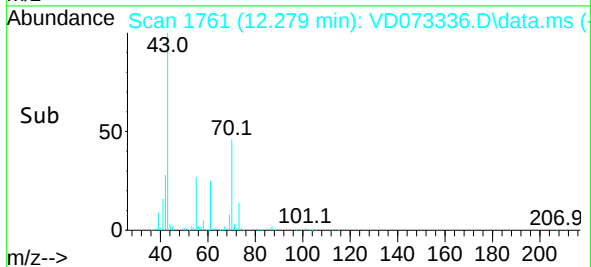
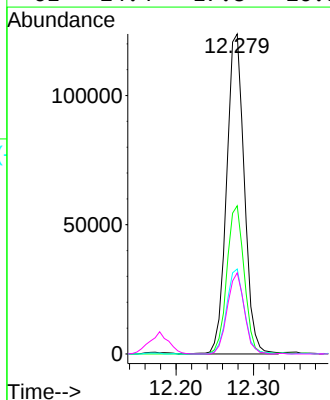
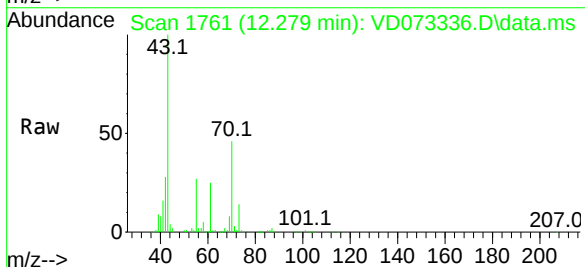
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

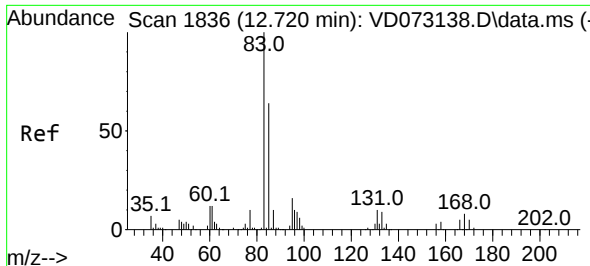
Tgt Ion:105 Resp: 886814
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 50.760 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 43 Resp: 196745
Ion Ratio Lower Upper
43 100
70 45.4 31.3 46.9
55 26.5 20.0 30.0
61 24.4 17.8 26.8

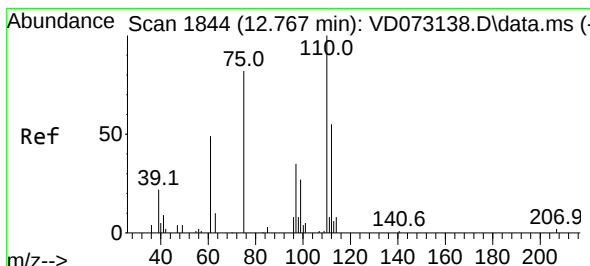
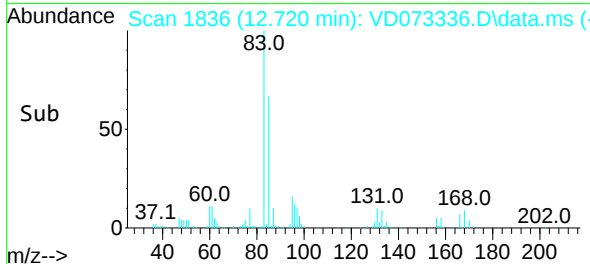
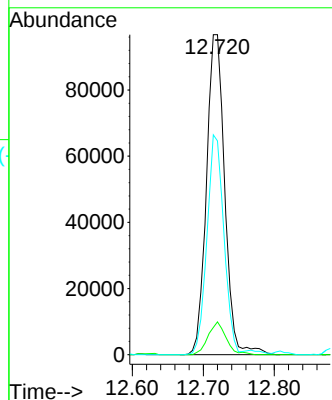
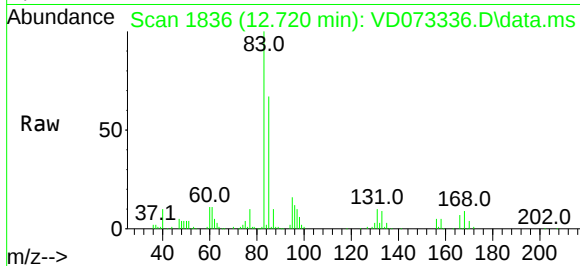




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.851 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD073336.D
 Acq: 24 May 2022 20:38

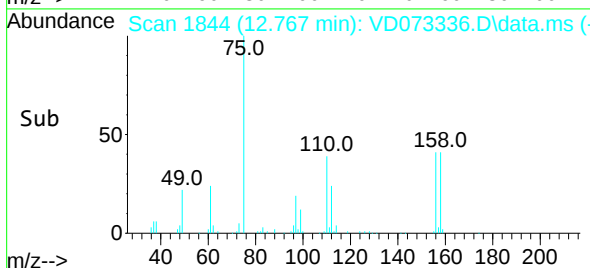
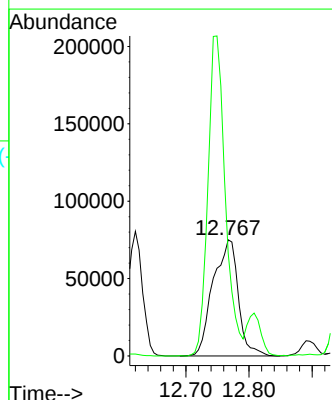
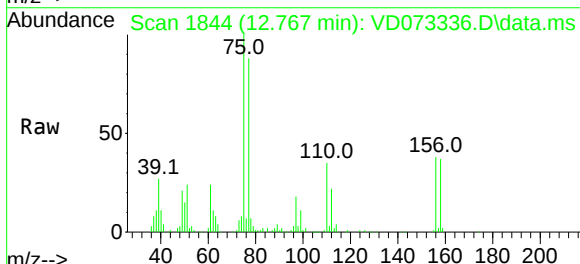
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

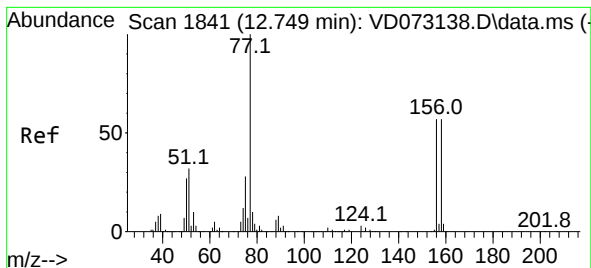
Tgt Ion: 83 Resp: 173185
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 63.8 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 84.968 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073336.D
 Acq: 24 May 2022 20:38

Tgt Ion: 75 Resp: 207779
 Ion Ratio Lower Upper
 75 100
 77 191.2 0.0 0.0#





#77

Bromobenzene

Concen: 49.198 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

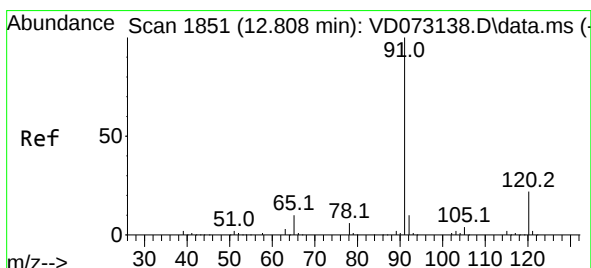
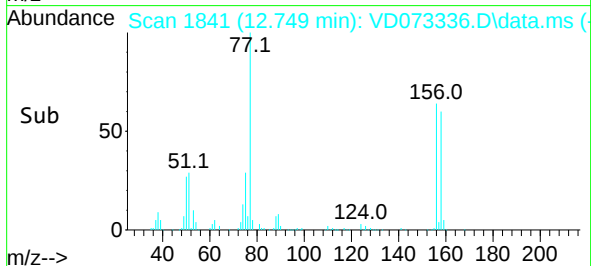
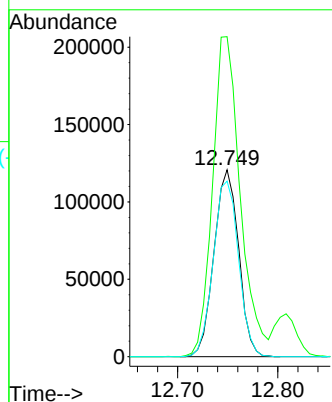
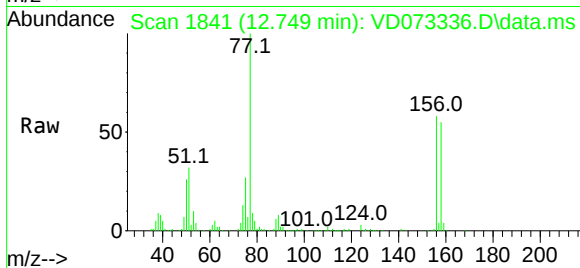
Tgt Ion:156 Resp: 205767

Ion Ratio Lower Upper

156 100

77 193.0 102.8 308.3

158 97.0 48.7 146.1



#78

n-propylbenzene

Concen: 50.190 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073336.D

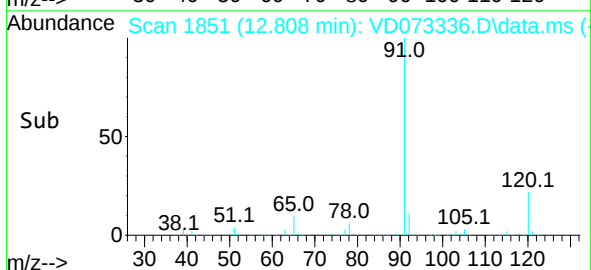
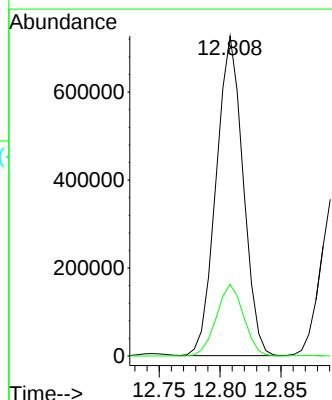
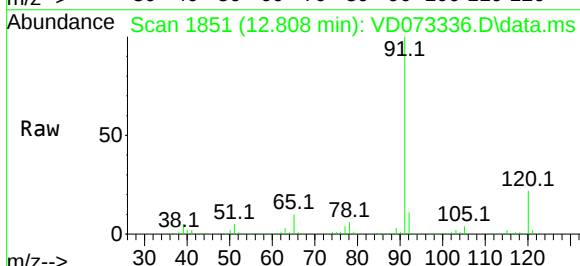
Acq: 24 May 2022 20:38

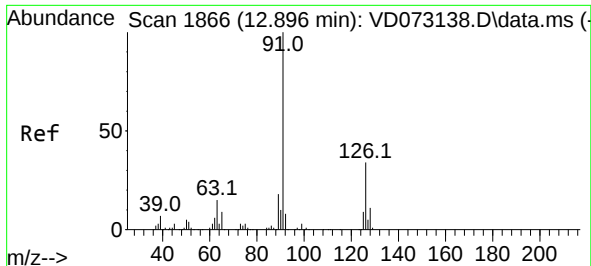
Tgt Ion: 91 Resp: 1119510

Ion Ratio Lower Upper

91 100

120 22.6 10.9 32.9

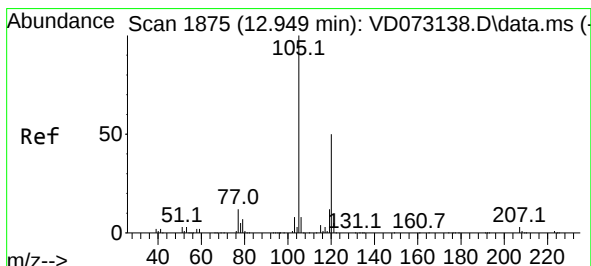
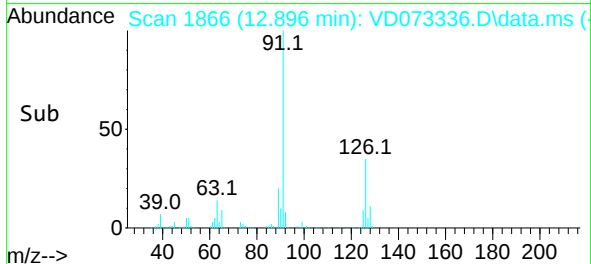
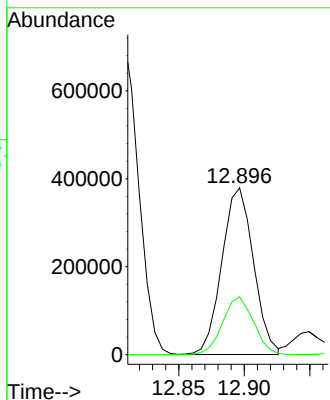
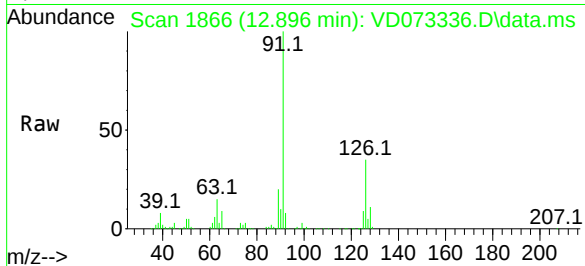




#79
2-Chlorotoluene
Concen: 49.371 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

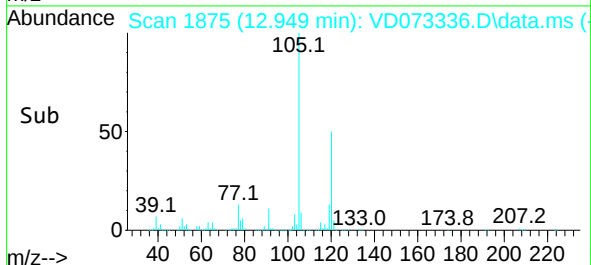
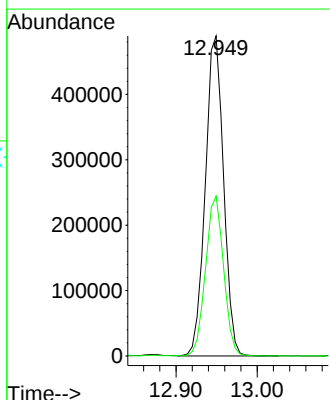
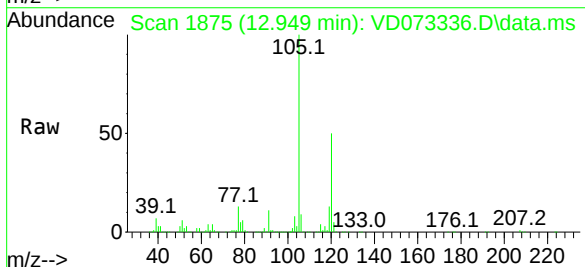
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

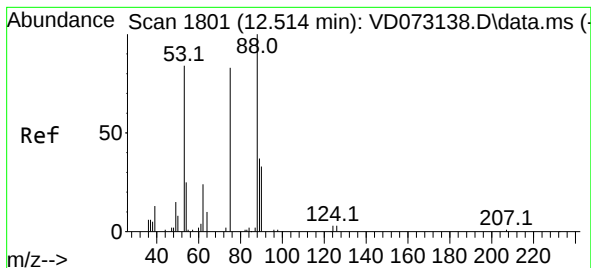
Tgt Ion: 91 Resp: 635843
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 50.713 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 105 Resp: 763265
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

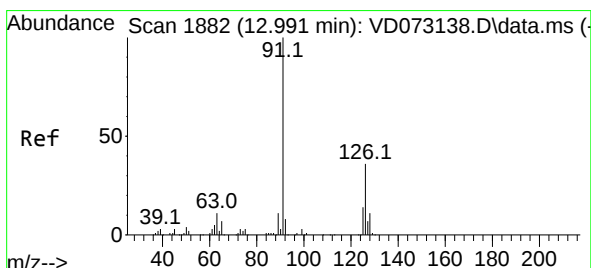
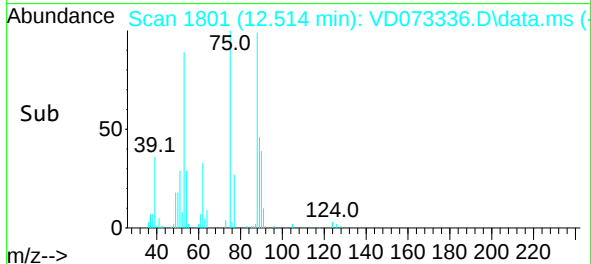
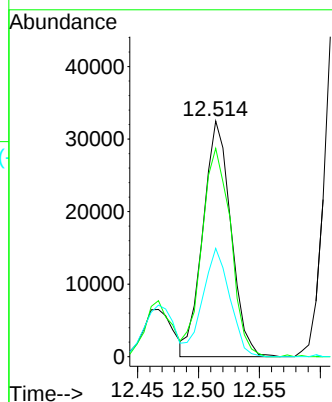
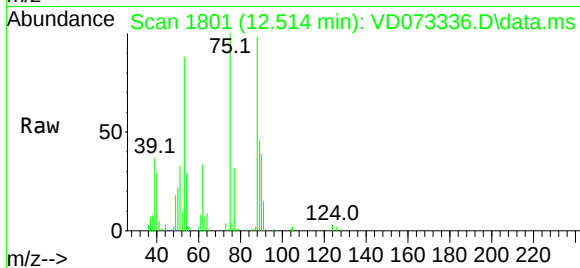




#81
trans-1,4-Dichloro-2-butene
Concen: 50.952 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

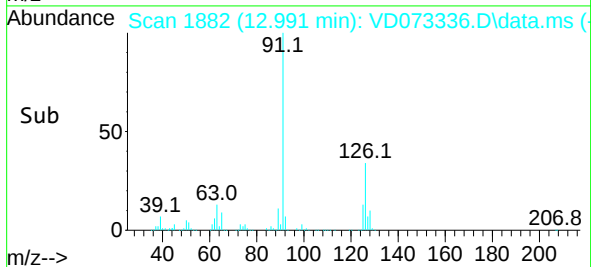
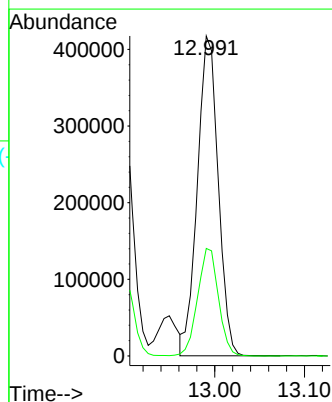
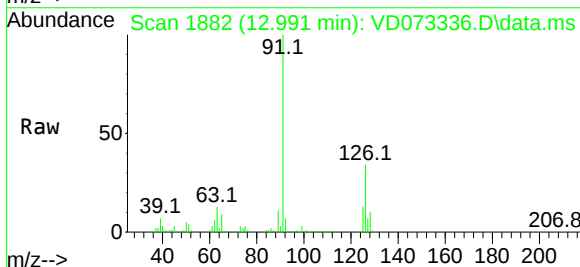
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

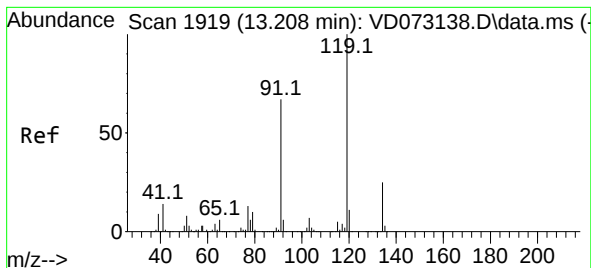
Tgt Ion: 75 Resp: 51900
Ion Ratio Lower Upper
75 100
53 91.5 86.5 129.7
89 44.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 49.691 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 91 Resp: 670789
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5





#83

tert-Butylbenzene

Concen: 51.547 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

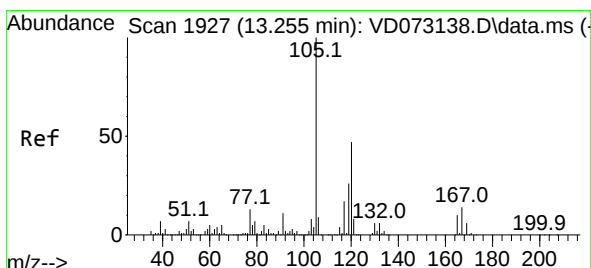
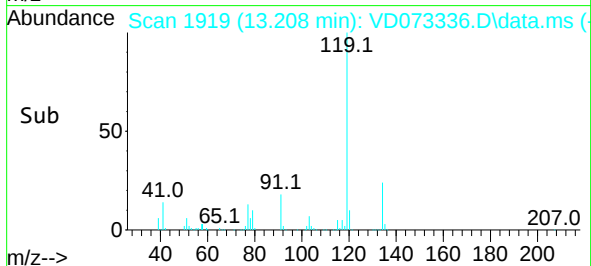
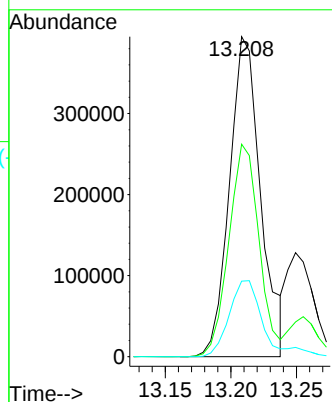
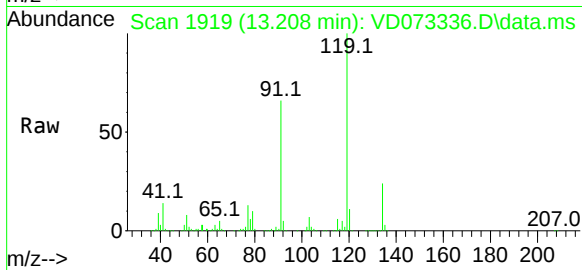
Tgt Ion:119 Resp: 653852

Ion Ratio Lower Upper

119 100

91 64.5 34.8 104.5

134 26.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 50.930 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073336.D

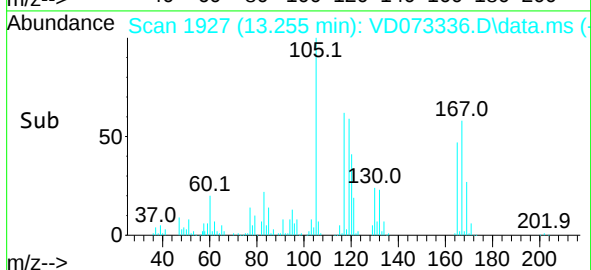
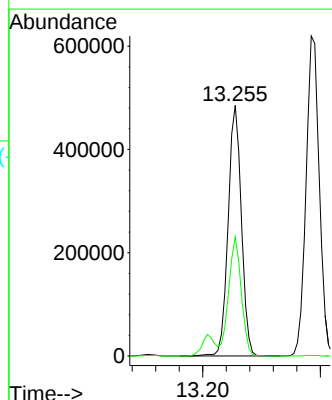
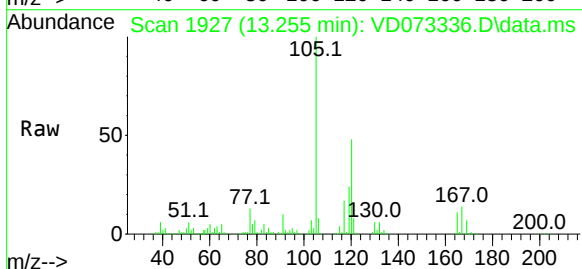
Acq: 24 May 2022 20:38

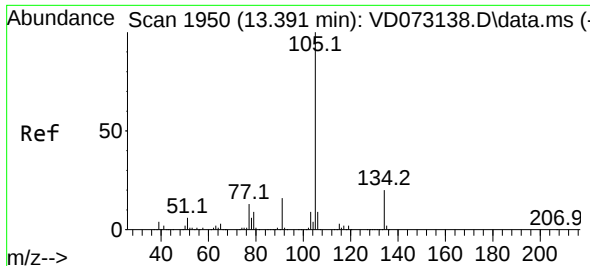
Tgt Ion:105 Resp: 757255

Ion Ratio Lower Upper

105 100

120 45.4 22.3 66.8

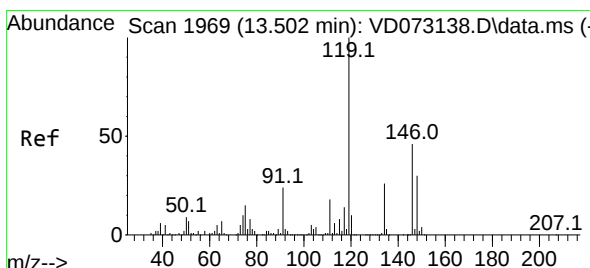
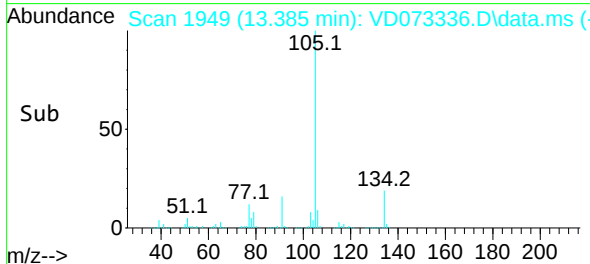
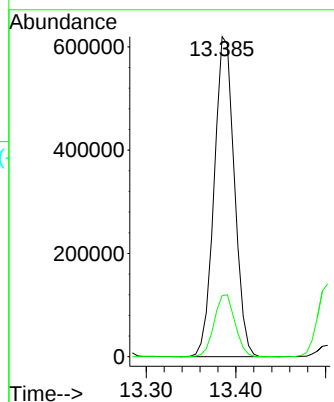
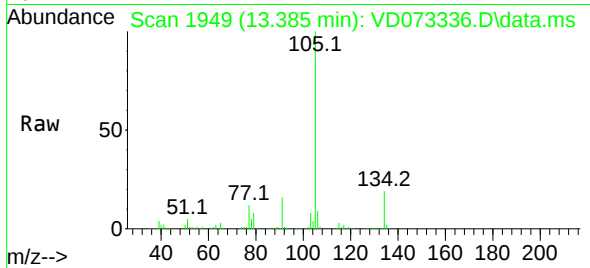




#85
 sec-Butylbenzene
 Concen: 50.097 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073336.D
 Acq: 24 May 2022 20:38

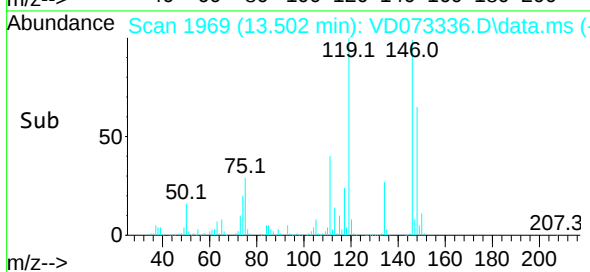
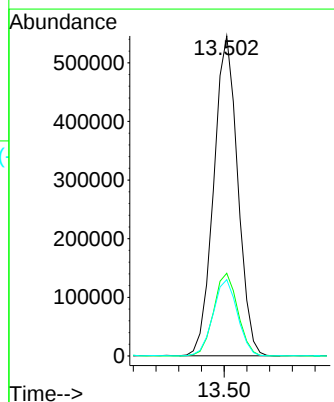
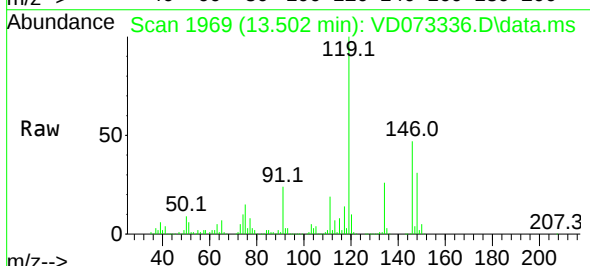
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

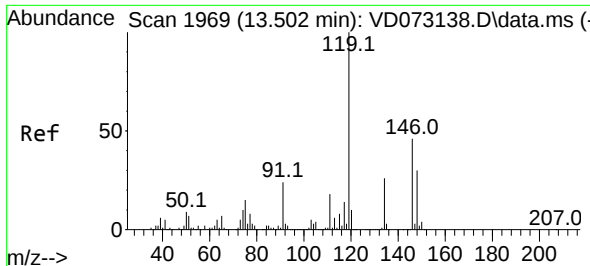
Tgt Ion:105 Resp: 970290
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 50.721 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073336.D
 Acq: 24 May 2022 20:38

Tgt Ion:119 Resp: 800803
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 24.1 12.1 36.3

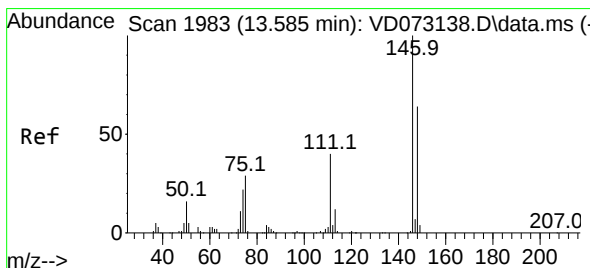
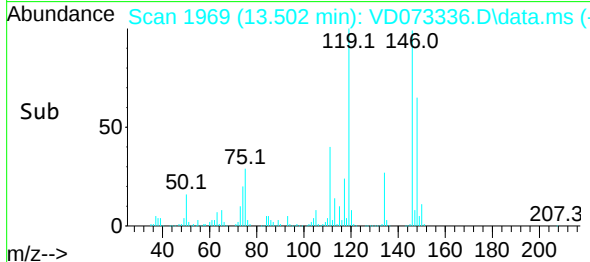
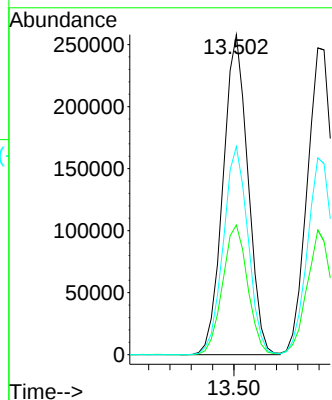
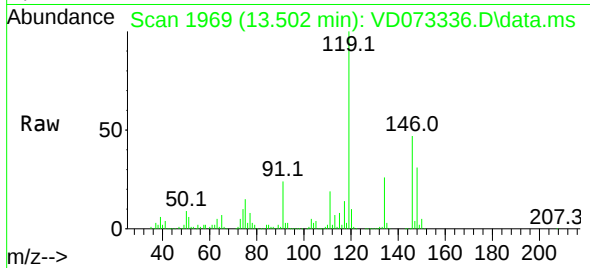




#87
1,3-Dichlorobenzene
Concen: 49.653 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

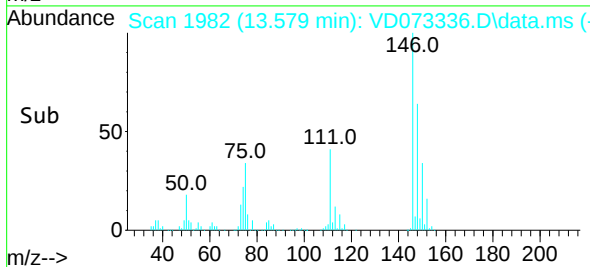
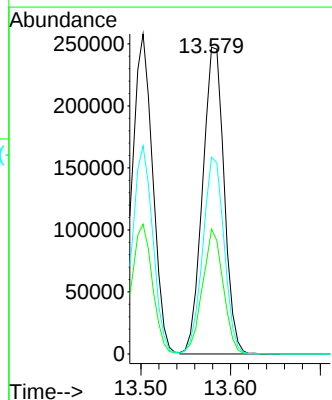
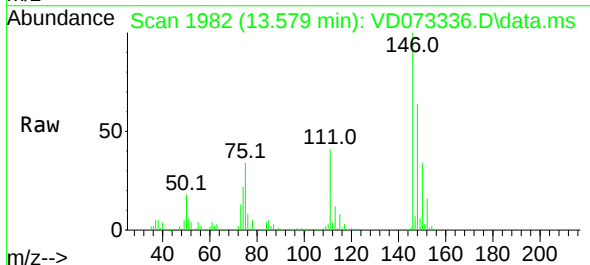
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

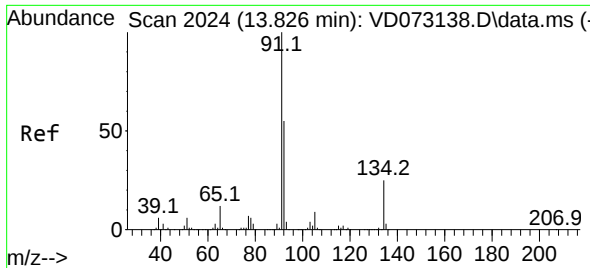
Tgt Ion:146 Resp: 418594
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 64.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 48.477 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion:146 Resp: 412543
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.9
148 63.6 31.7 95.1

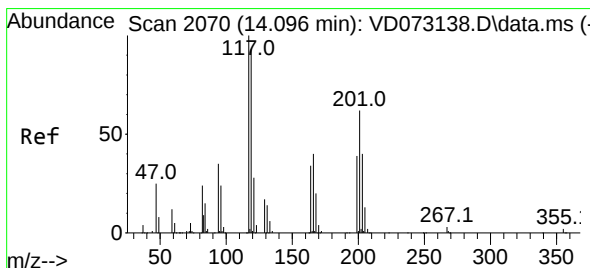
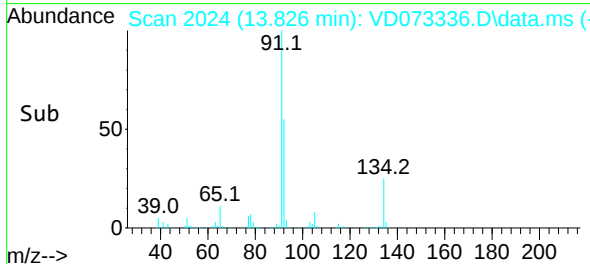
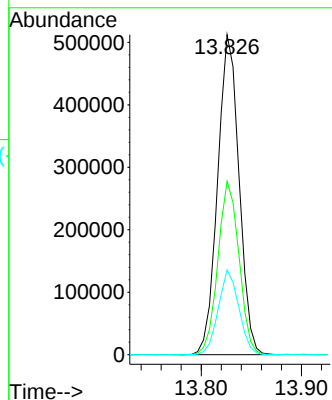
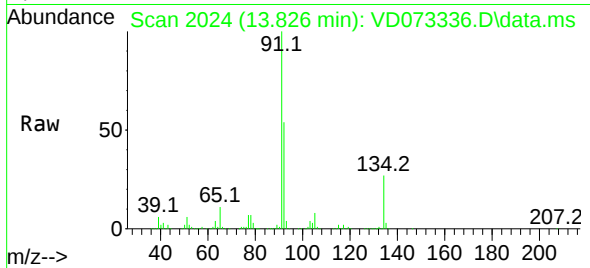




#89
n-Butylbenzene
Concen: 50.490 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

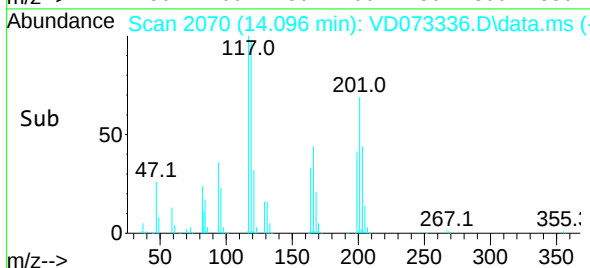
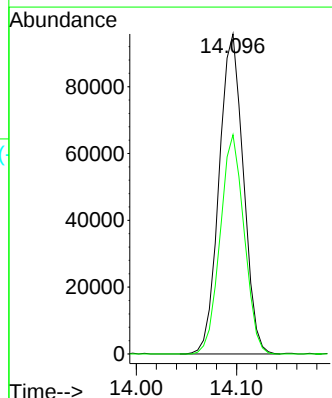
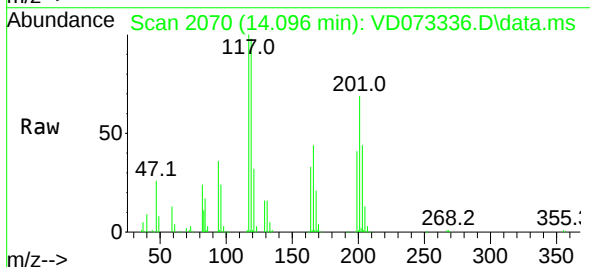
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

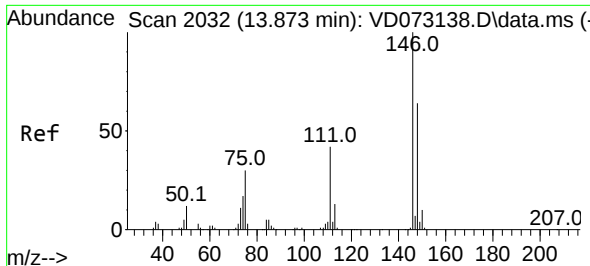
Tgt Ion: 91 Resp: 759538
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 25.4 12.3 36.9



#90
Hexachloroethane
Concen: 49.185 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 117 Resp: 160681
Ion Ratio Lower Upper
117 100
201 67.6 33.4 100.2

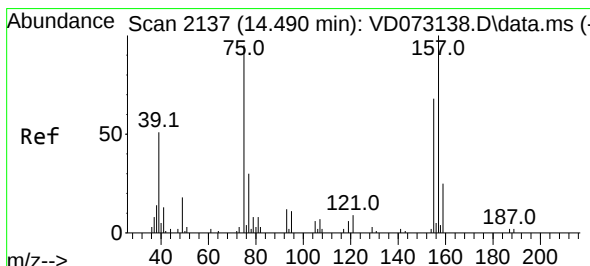
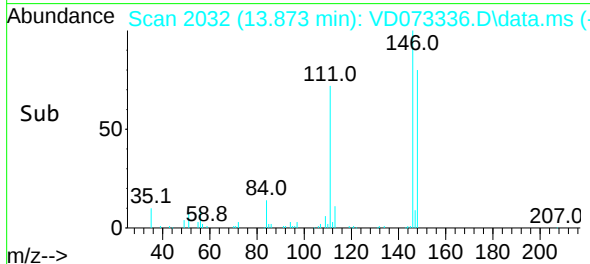
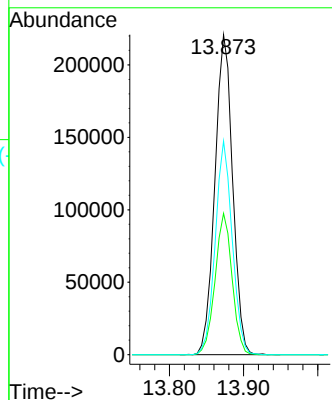
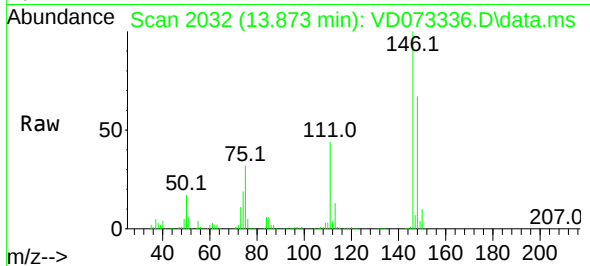




#91
1,2-Dichlorobenzene
Concen: 50.309 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

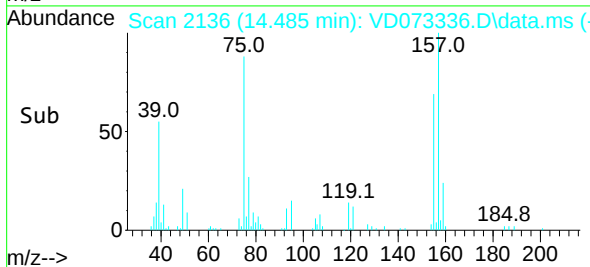
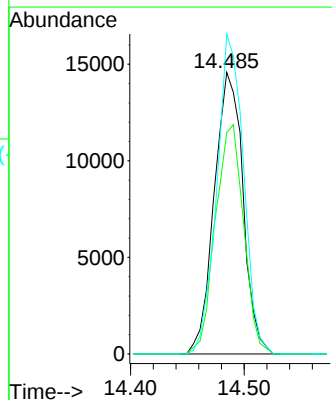
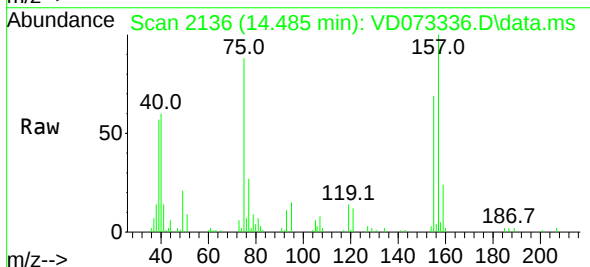
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

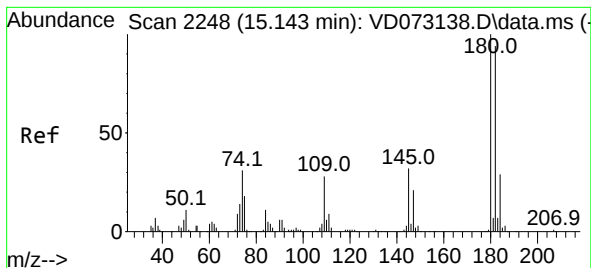
Tgt Ion:146 Resp: 366961
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.873 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073336.D
Acq: 24 May 2022 20:38

Tgt Ion: 75 Resp: 25529
Ion Ratio Lower Upper
75 100
155 80.4 36.8 110.3
157 105.9 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 52.249 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073336.D

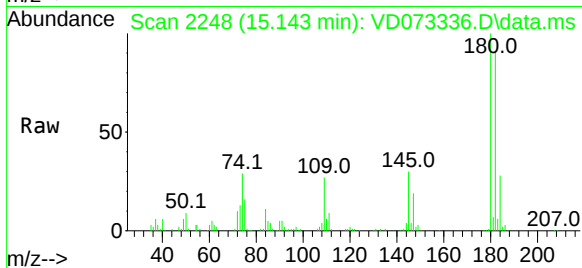
Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



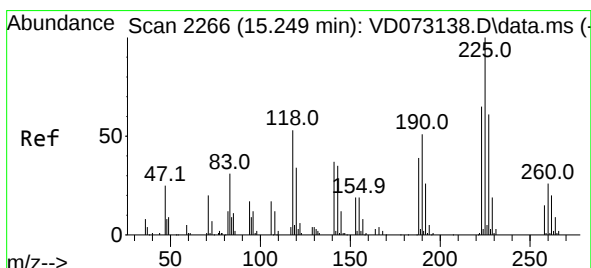
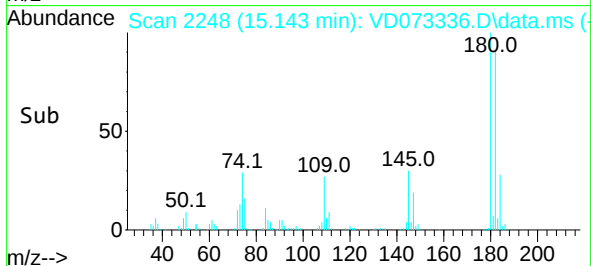
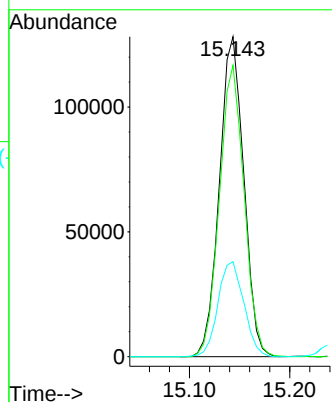
Tgt Ion:180 Resp: 216369

Ion Ratio Lower Upper

180 100

182 92.0 47.3 142.0

145 31.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 48.645 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

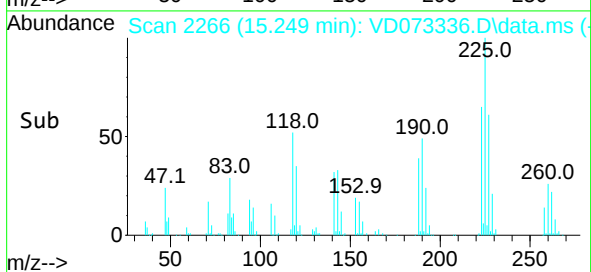
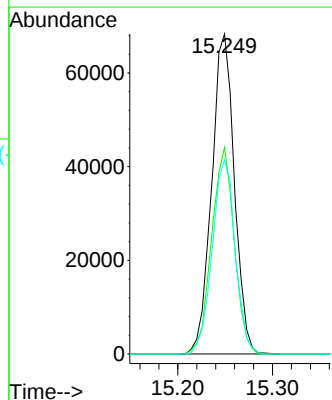
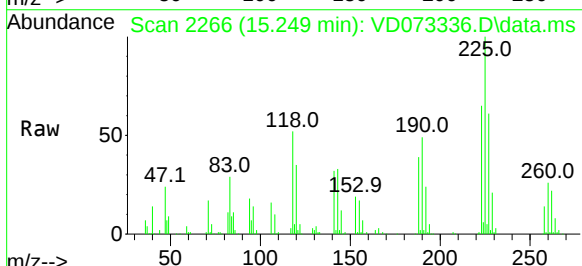
Tgt Ion:225 Resp: 113516

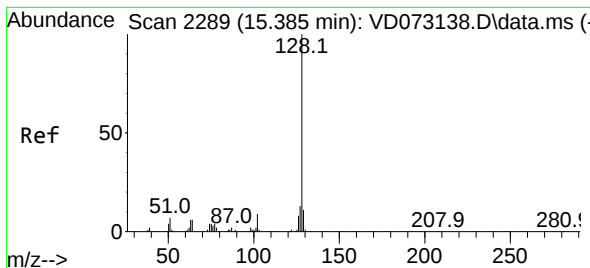
Ion Ratio Lower Upper

225 100

223 64.3 31.1 93.2

227 61.4 32.4 97.0





#95

Naphthalene

Concen: 49.063 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. -0.006 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

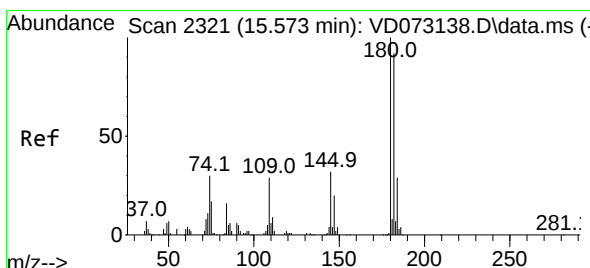
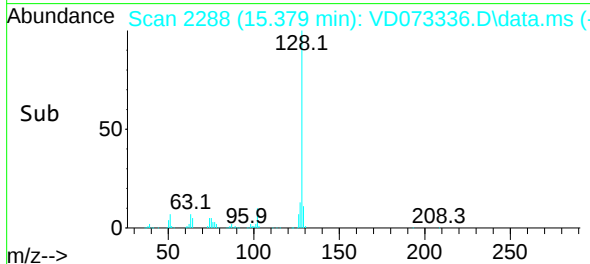
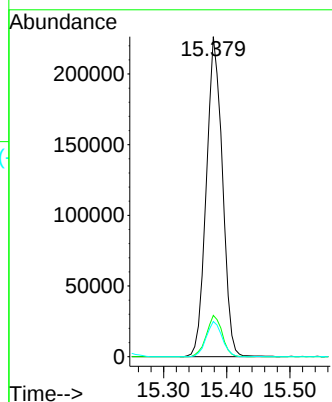
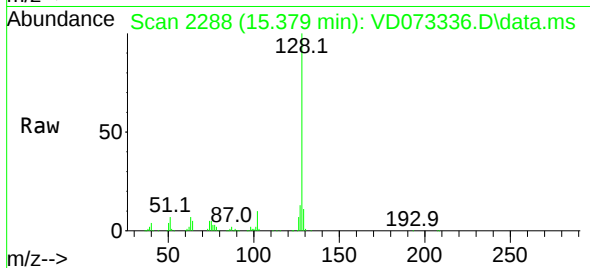
Tgt Ion:128 Resp: 399569

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.539 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073336.D

Acq: 24 May 2022 20:38

Tgt Ion:180 Resp: 189210

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 34.6 17.1 51.3

