

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073273.D
 Acq On : 23 May 2022 09:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 03:24:30 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	364349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	581929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	559934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197774	49.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.240%
35) Dibromofluoromethane	7.908	113	207695	54.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.180%
50) Toluene-d8	10.332	98	773716	54.660	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.320%
62) 4-Bromofluorobenzene	12.620	95	270525	54.458	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.920%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	159611	43.841	ug/l 99
3) Chloromethane	2.209	50	165719	40.255	ug/l 94
4) Vinyl Chloride	2.344	62	165317	43.916	ug/l 100
5) Bromomethane	2.762	94	118971	49.236	ug/l 86
6) Chloroethane	2.920	64	104969	45.360	ug/l 95
7) Trichlorofluoromethane	3.267	101	318260	47.813	ug/l 94
8) Diethyl Ether	3.709	74	87369	47.767	ug/l 94
9) 1,1,2-Trichlorotrifluo...	4.091	101	194990	49.097	ug/l 96
10) Methyl Iodide	4.297	142	192906	45.020	ug/l 98
11) Tert butyl alcohol	5.214	59	57006	91.250	ug/l 97
12) 1,1-Dichloroethene	4.062	96	172517	47.115	ug/l 93
13) Acrolein	3.926	56	56255	226.342	ug/l 99
14) Allyl chloride	4.714	41	273740	46.315	ug/l 91
15) Acrylonitrile	5.414	53	213222	254.934	ug/l 97
16) Acetone	4.156	43	187850	269.341	ug/l 95
17) Carbon Disulfide	4.403	76	502143	41.368	ug/l 100
18) Methyl Acetate	4.714	43	96363	49.687	ug/l 93
19) Methyl tert-butyl Ether	5.473	73	420651	50.428	ug/l 99
20) Methylene Chloride	4.962	84	205356	46.110	ug/l 88
21) trans-1,2-Dichloroethene	5.467	96	205930	46.515	ug/l 92
22) Diisopropyl ether	6.361	45	617009	49.799	ug/l 92
23) Vinyl Acetate	6.297	43	1678896	254.038	ug/l # 94
24) 1,1-Dichloroethane	6.261	63	372791	46.875	ug/l 99
25) 2-Butanone	7.208	43	263869	258.597	ug/l 91
26) 2,2-Dichloropropane	7.203	77	323194	47.653	ug/l 95
27) cis-1,2-Dichloroethene	7.208	96	235467	48.067	ug/l 91
28) Bromochloromethane	7.544	49	130975	47.803	ug/l # 81
29) Tetrahydrofuran	7.556	42	168532	255.429	ug/l 91
30) Chloroform	7.703	83	404237	48.687	ug/l 100
31) Cyclohexane	7.979	56	320876	45.602	ug/l 92
32) 1,1,1-Trichloroethane	7.897	97	353379	48.663	ug/l 96
36) 1,1-Dichloropropene	8.108	75	294806	51.047	ug/l 97
37) Ethyl Acetate	7.285	43	119454	52.365	ug/l # 95
38) Carbon Tetrachloride	8.091	117	304312	51.982	ug/l 99
39) Methylcyclohexane	9.350	83	336495	52.281	ug/l 97
40) Benzene	8.344	78	843147	50.657	ug/l 99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	71025	53.439	ug/l #	91
42) 1,2-Dichloroethane	8.414	62	235450	50.840	ug/l	95
43) Isopropyl Acetate	8.444	43	226453	53.707	ug/l #	94
44) Trichloroethene	9.108	130	230399	51.910	ug/l	91
45) 1,2-Dichloropropane	9.379	63	219191	52.292	ug/l	96
46) Dibromomethane	9.467	93	117391	50.992	ug/l	97
47) Bromodichloromethane	9.655	83	307164	52.146	ug/l	98
48) Methyl methacrylate	9.450	41	114524	53.986	ug/l	90
49) 1,4-Dioxane	9.455	88	26161	1100.393	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	607752	277.519	ug/l	94
52) Toluene	10.397	92	558478	53.098	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	282260	53.041	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	332150	52.157	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	165235	53.077	ug/l	97
56) Ethyl methacrylate	10.649	69	190991	55.179	ug/l	88
57) 1,3-Dichloropropane	10.938	76	275577	52.757	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	430240	260.623	ug/l	96
59) 2-Hexanone	10.973	43	434445	300.904	ug/l	94
60) Dibromochloromethane	11.132	129	205489	52.937	ug/l	99
61) 1,2-Dibromoethane	11.238	107	157393	52.909	ug/l	100
64) Tetrachloroethene	10.867	164	181431	49.471	ug/l	94
65) Chlorobenzene	11.661	112	583183	50.769	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	221147	51.911	ug/l	99
67) Ethyl Benzene	11.732	91	1062504	52.691	ug/l	99
68) m/p-Xylenes	11.844	106	839818	107.197	ug/l	98
69) o-Xylene	12.173	106	383102	53.230	ug/l	97
70) Styrene	12.185	104	670569	54.155	ug/l	98
71) Bromoform	12.349	173	118054	53.843	ug/l #	99
73) Isopropylbenzene	12.467	105	1038181	52.603	ug/l	99
74) N-amyl acetate	12.279	43	223284	51.861	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	190314	52.285	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	232280	85.513	ug/l #	100
77) Bromobenzene	12.749	156	235934	50.784	ug/l	92
78) n-propylbenzene	12.808	91	1305087	52.673	ug/l	99
79) 2-Chlorotoluene	12.896	91	732262	51.186	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	886541	53.028	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	60035	53.059	ug/l	89
82) 4-Chlorotoluene	12.991	91	776902	51.811	ug/l	99
83) tert-Butylbenzene	13.208	119	757768	53.780	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	871736	52.781	ug/l	99
85) sec-Butylbenzene	13.385	105	1137818	52.886	ug/l	100
86) p-Isopropyltoluene	13.502	119	945863	53.933	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	478100	51.055	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	472324	49.966	ug/l	99
89) n-Butylbenzene	13.826	91	895315	53.579	ug/l	99
90) Hexachloroethane	14.096	117	188771	52.019	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	417862	51.573	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	27889	50.033	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	245874	53.451	ug/l	100
94) Hexachlorobutadiene	15.249	225	134520	51.896	ug/l	98
95) Naphthalene	15.379	128	442911	48.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	215718	52.898	ug/l	99

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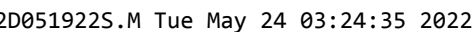
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

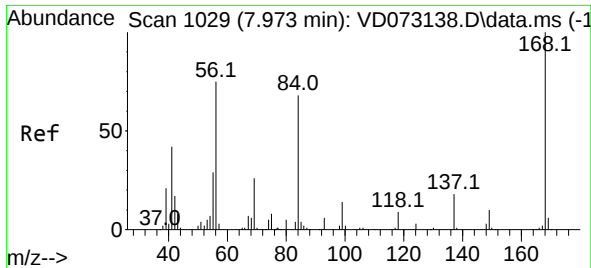
Quant Time: May 24 03:24:30 2022
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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

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

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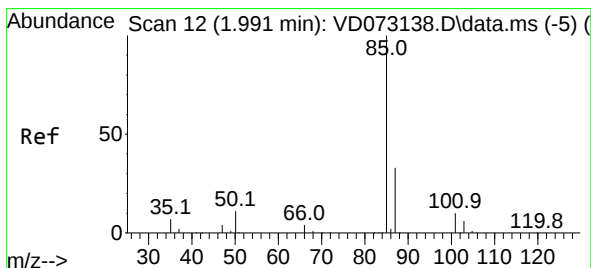
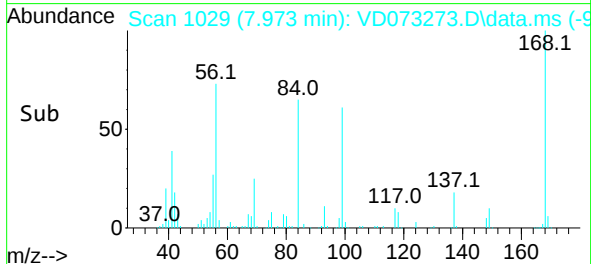
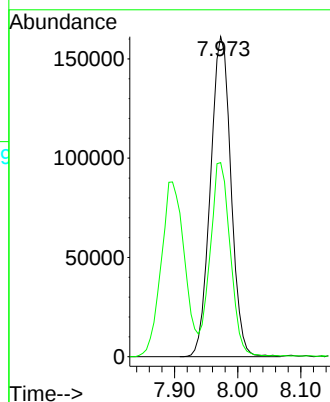
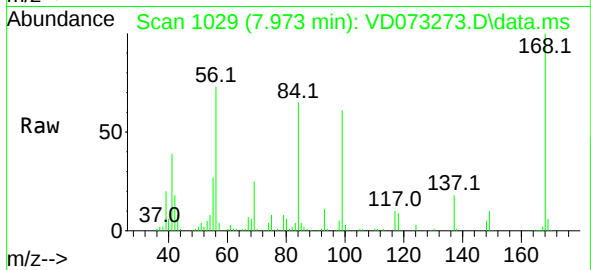




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

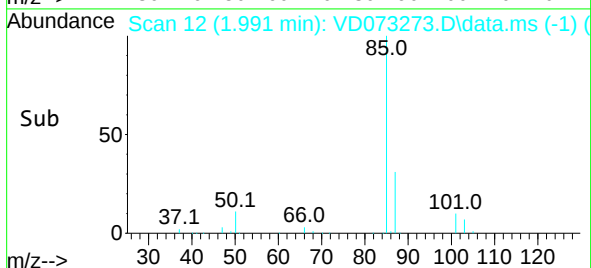
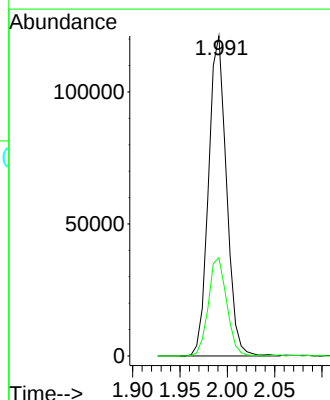
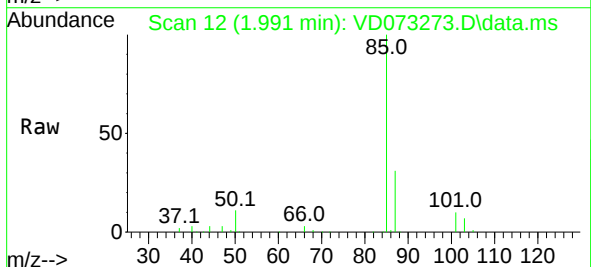
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VSTDCCC050

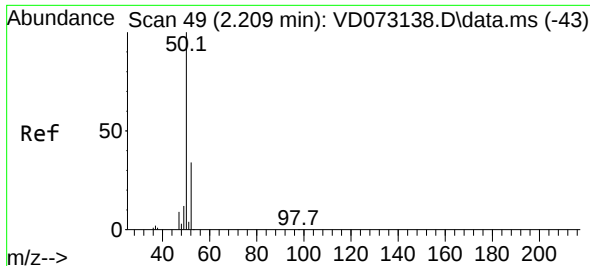
Tgt Ion:168 Resp: 364349
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 43.841 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 85 Resp: 159611
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0

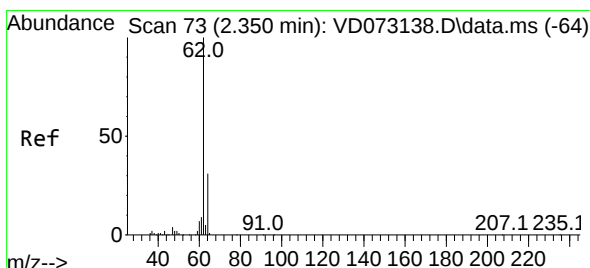
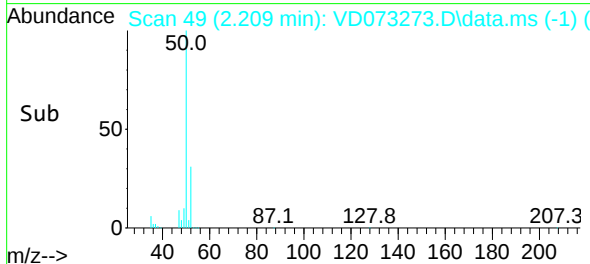
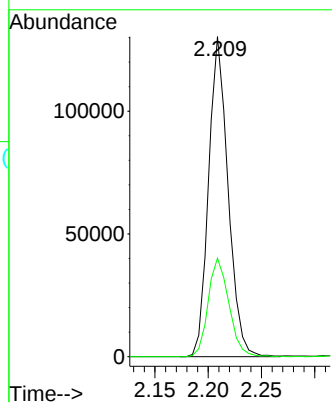
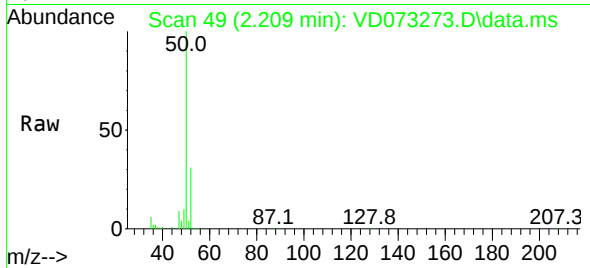




#3
Chloromethane
Concen: 40.255 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

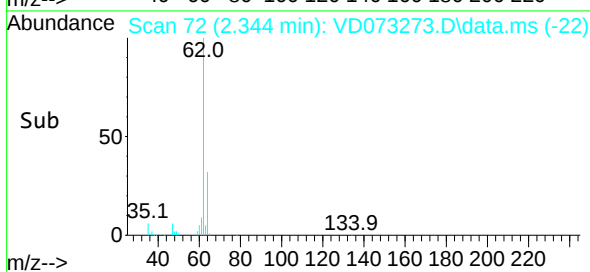
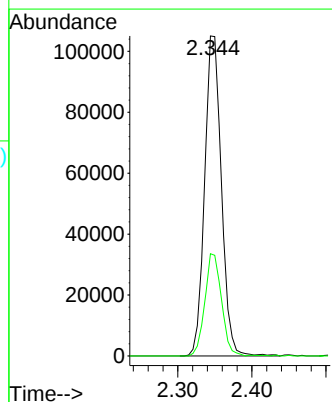
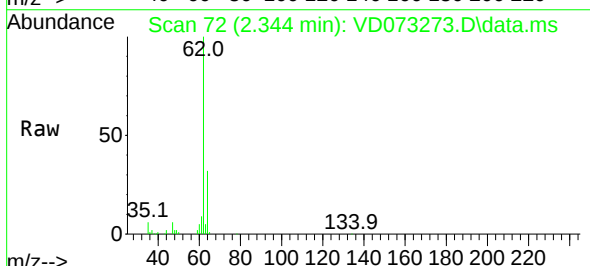
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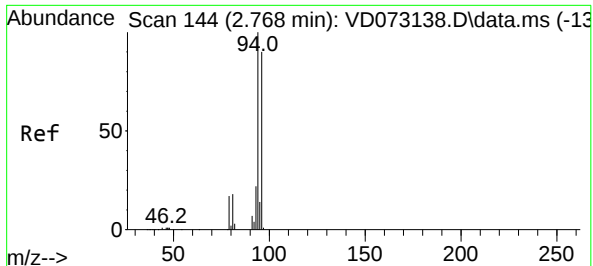
Tgt Ion: 50 Resp: 165719
Ion Ratio Lower Upper
50 100
52 30.8 27.4 41.0



#4
Vinyl Chloride
Concen: 43.916 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 62 Resp: 165317
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0

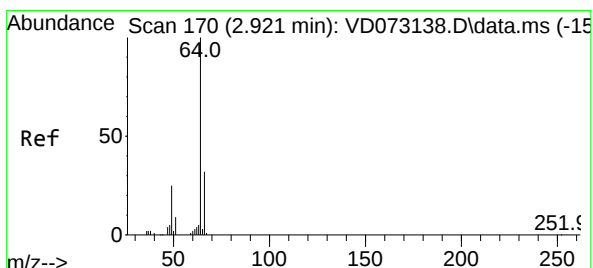
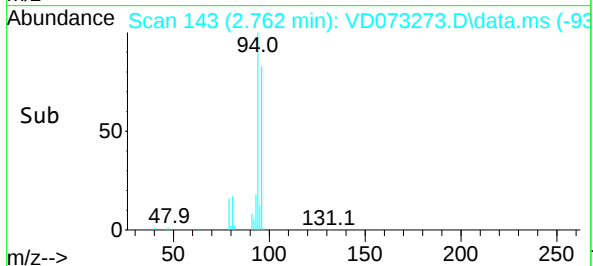
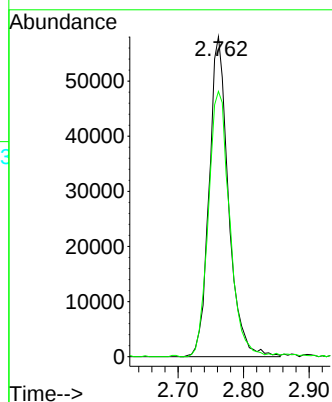
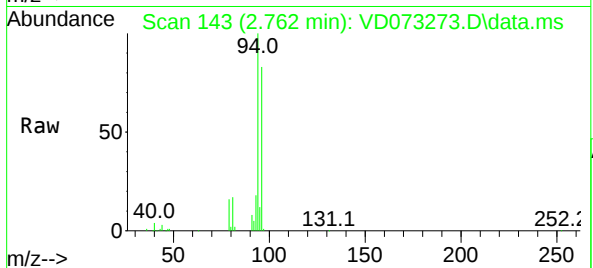




#5
Bromomethane
Concen: 49.236 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

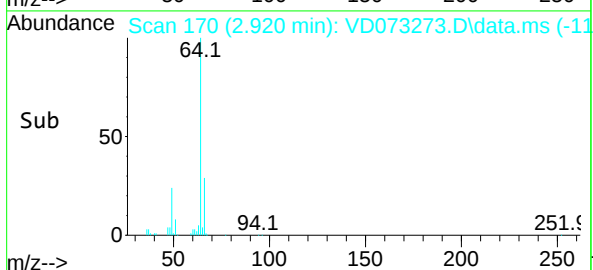
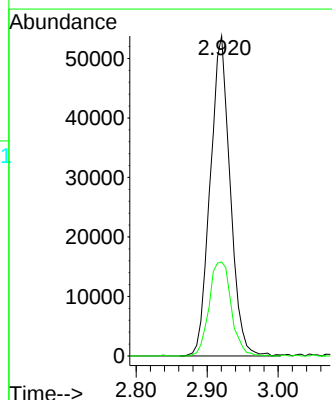
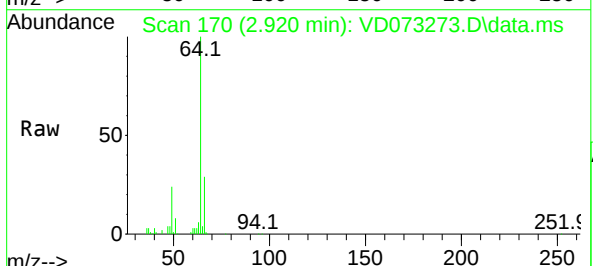
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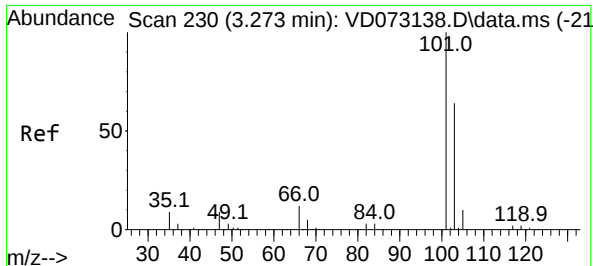
Tgt Ion: 94 Resp: 118971
Ion Ratio Lower Upper
94 100
96 82.9 77.6 116.4



#6
Chloroethane
Concen: 45.360 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 64 Resp: 104969
Ion Ratio Lower Upper
64 100
66 29.4 25.9 38.9

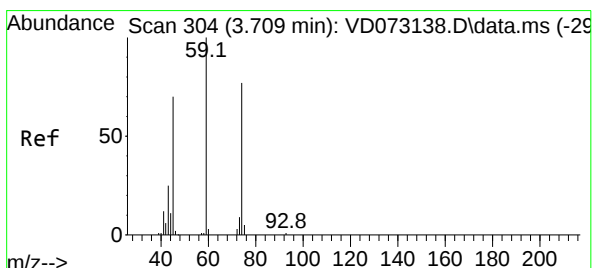
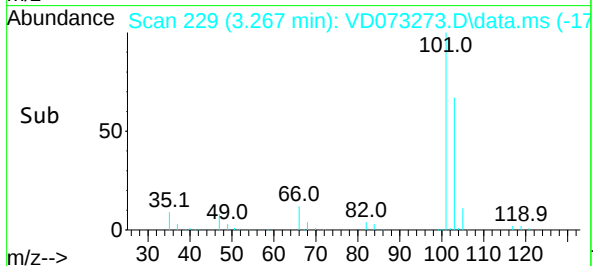
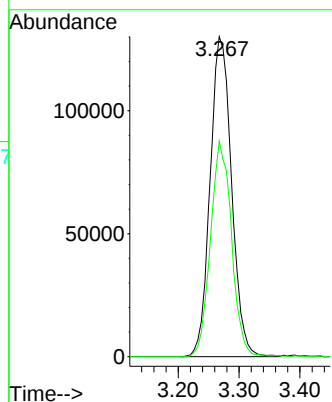
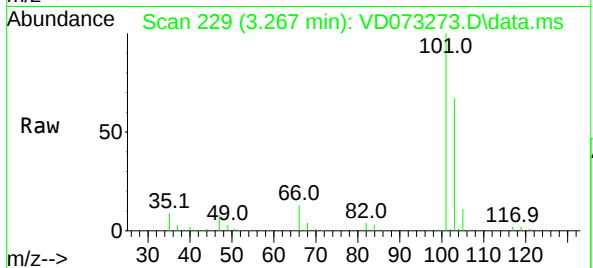




#7
 Trichlorofluoromethane
 Concen: 47.813 ug/l
 RT: 3.267 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

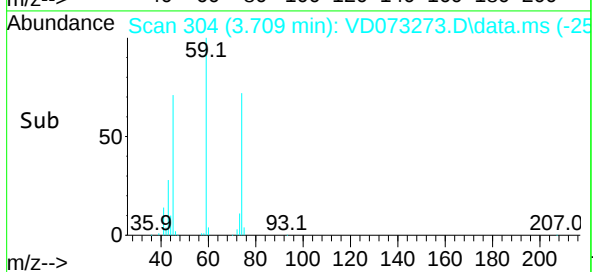
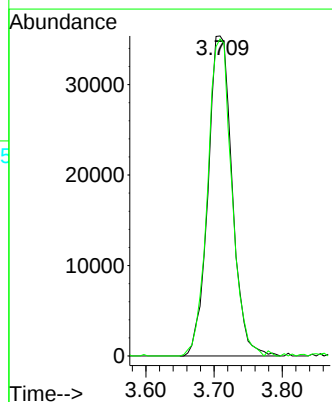
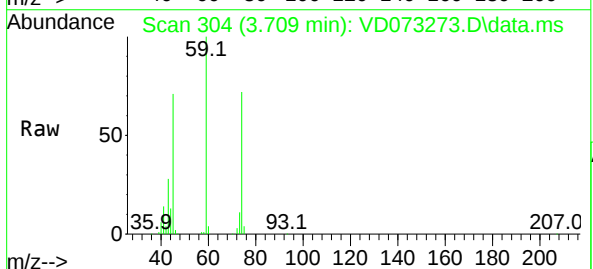
Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 318260
 Ion Ratio Lower Upper
 101 100
 103 67.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 47.767 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

Tgt Ion: 74 Resp: 87369
 Ion Ratio Lower Upper
 74 100
 45 99.2 52.6 157.8

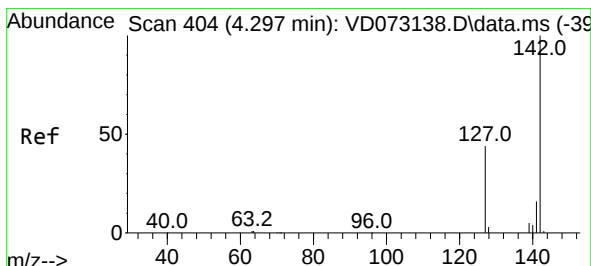
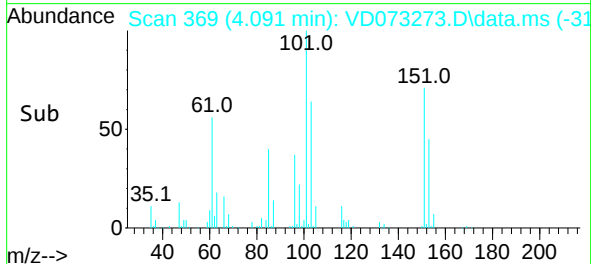
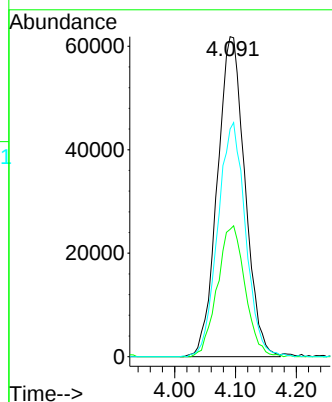
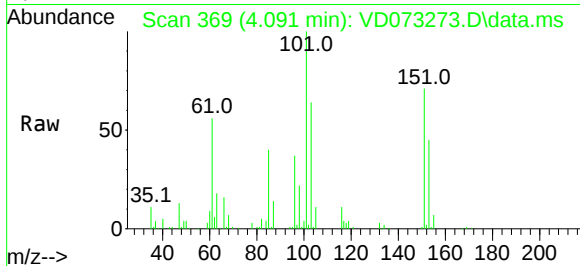




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.097 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VD073273.D
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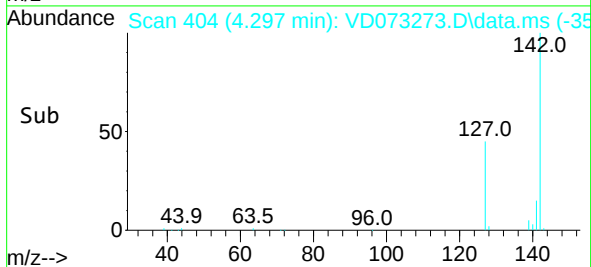
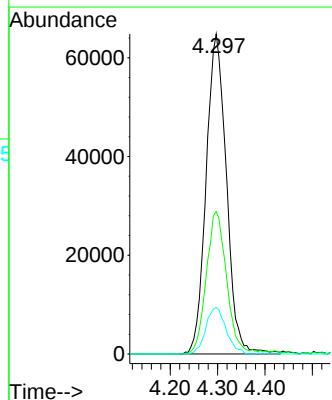
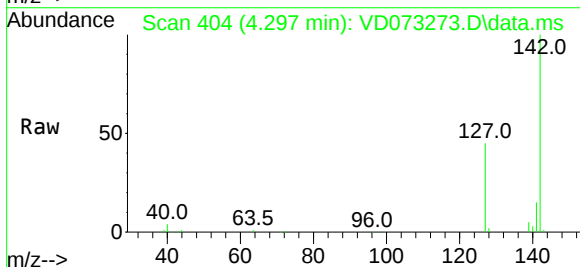
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

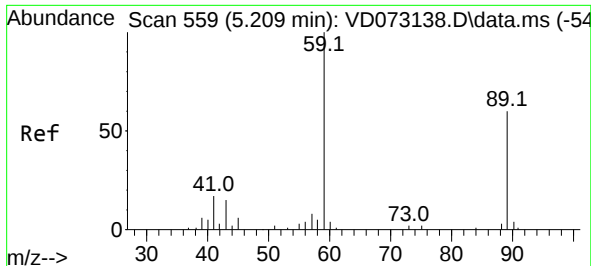
Tgt Ion:101 Resp: 194990
 Ion Ratio Lower Upper
 101 100
 85 41.1 36.4 54.6
 151 73.6 57.3 85.9



#10
 Methyl Iodide
 Concen: 45.020 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

Tgt Ion:142 Resp: 192906
 Ion Ratio Lower Upper
 142 100
 127 44.5 37.3 55.9
 141 14.5 11.7 17.5

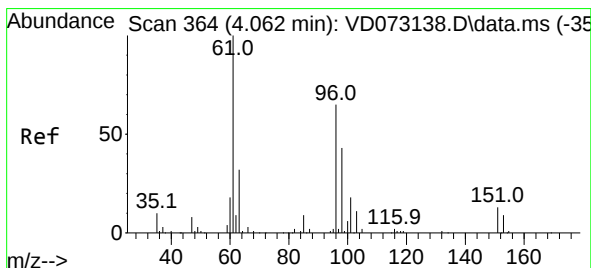
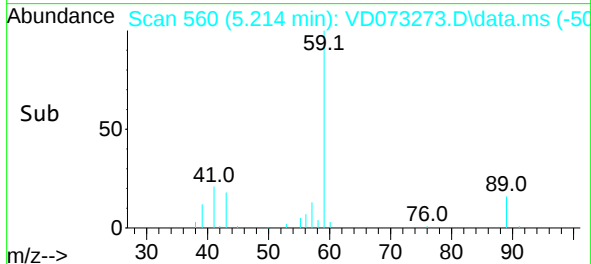
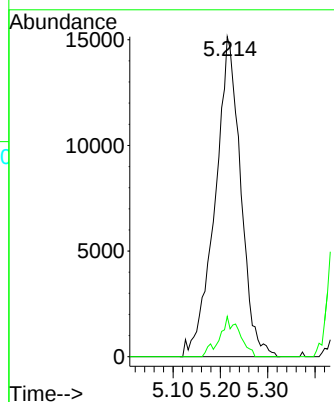
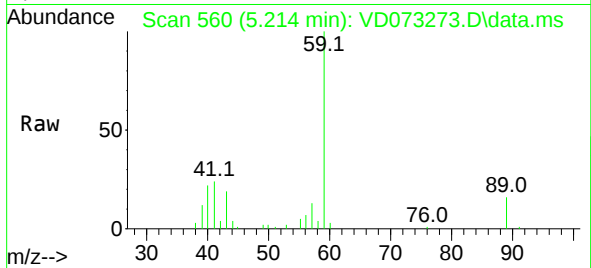




#11
Tert butyl alcohol
Concen: 91.250 ug/l
RT: 5.214 min Scan# 5
Delta R.T. 0.005 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

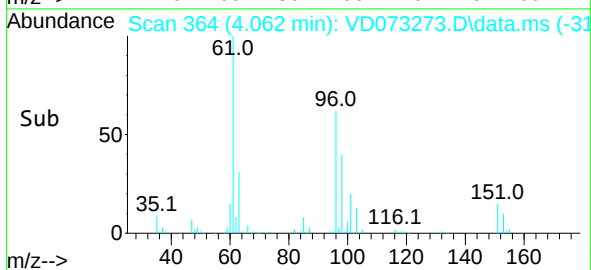
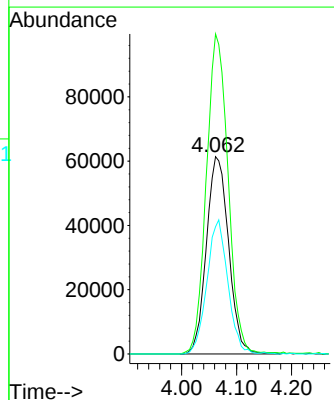
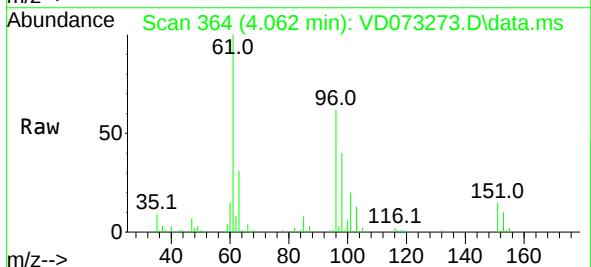
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

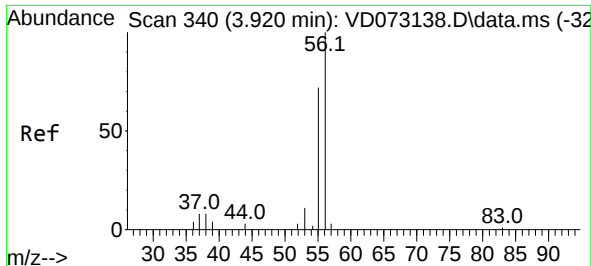
Tgt Ion: 59 Resp: 57006
Ion Ratio Lower Upper
59 100
57 8.7 7.8 11.6



#12
1,1-Dichloroethene
Concen: 47.115 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 96 Resp: 172517
Ion Ratio Lower Upper
96 100
61 162.2 138.5 207.7
98 64.4 48.6 73.0

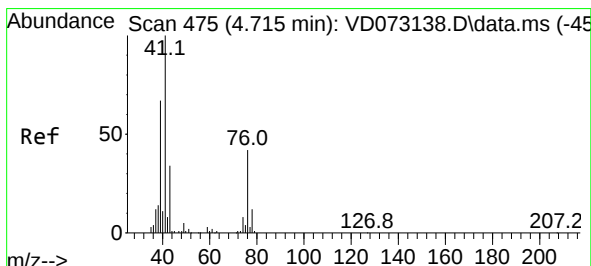
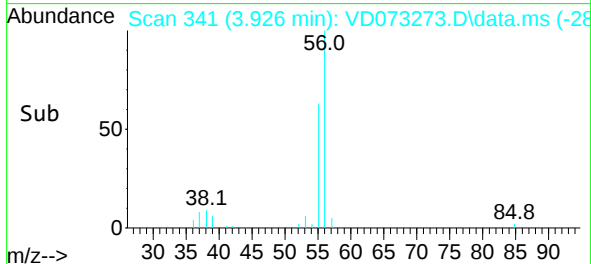
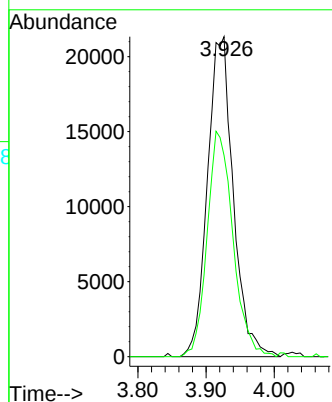
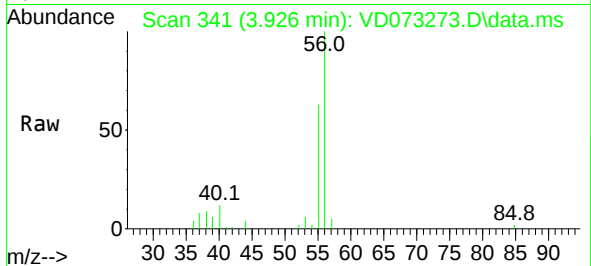




#13
Acrolein
Concen: 226.342 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

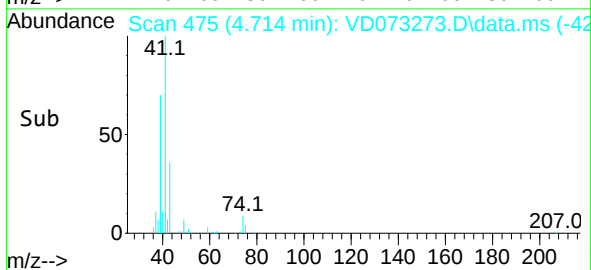
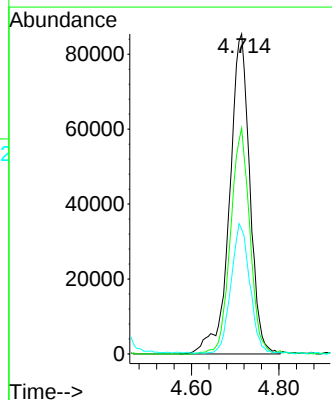
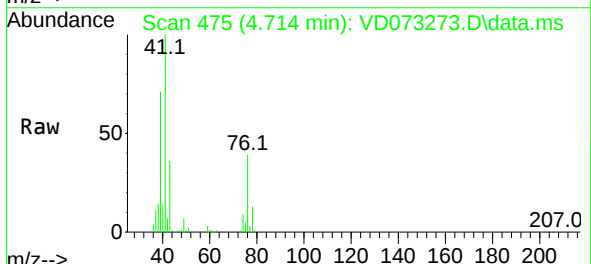
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

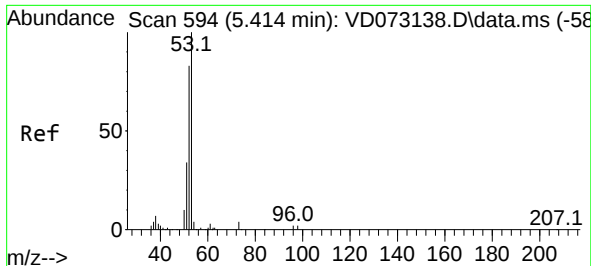
Tgt Ion: 56 Resp: 56255
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7



#14
Allyl chloride
Concen: 46.315 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 41 Resp: 273740
Ion Ratio Lower Upper
41 100
39 67.1 59.3 88.9
76 37.7 25.7 38.5



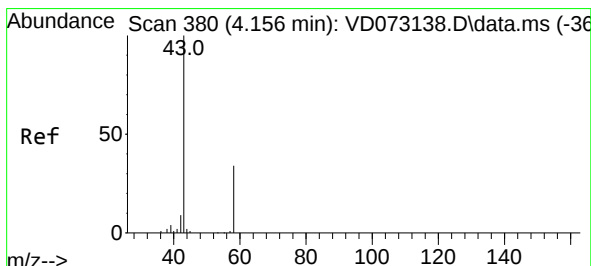
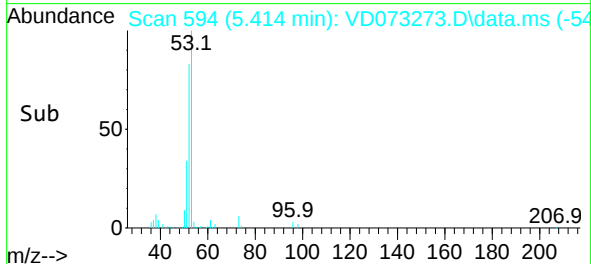
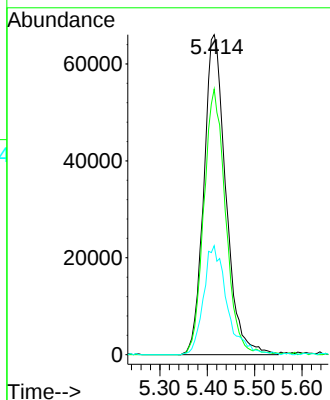
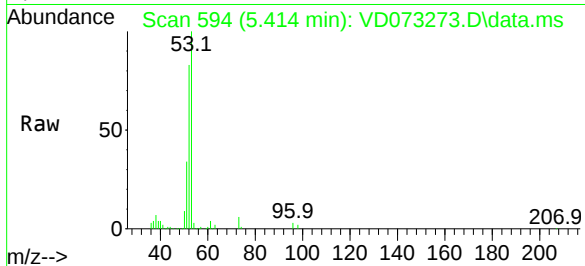


#15
Acrylonitrile
Concen: 254.934 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 213222

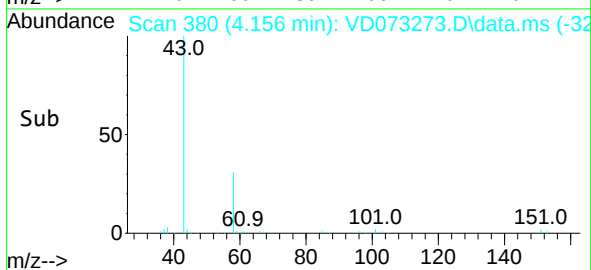
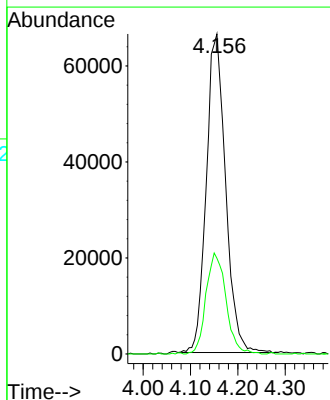
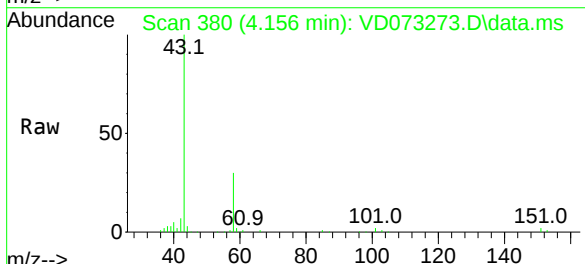
Ion	Ratio	Lower	Upper
53	100		
52	81.3	67.2	100.8
51	36.3	30.3	45.5

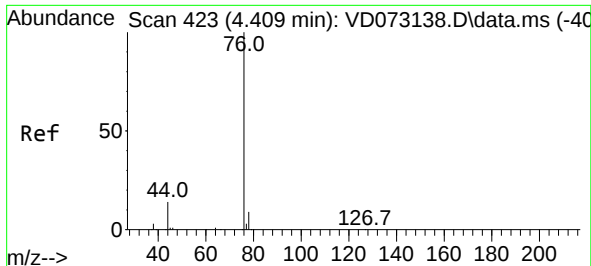


#16
Acetone
Concen: 269.341 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 43 Resp: 187850

Ion	Ratio	Lower	Upper
43	100		
58	30.1	22.1	33.1

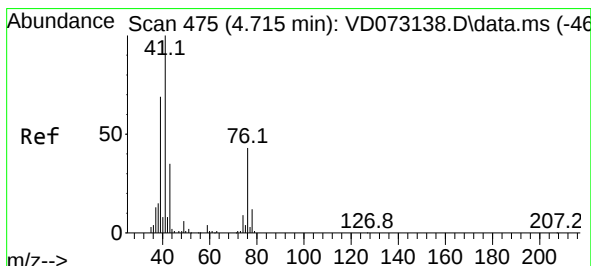
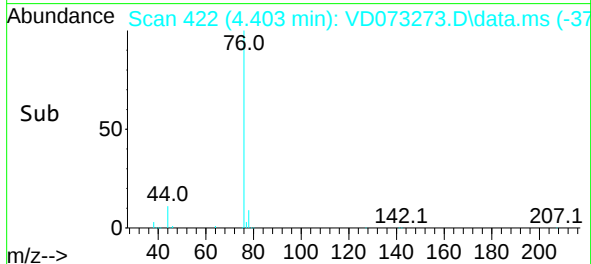
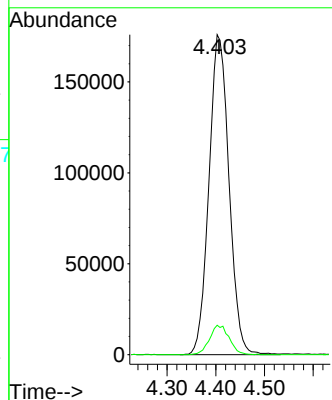
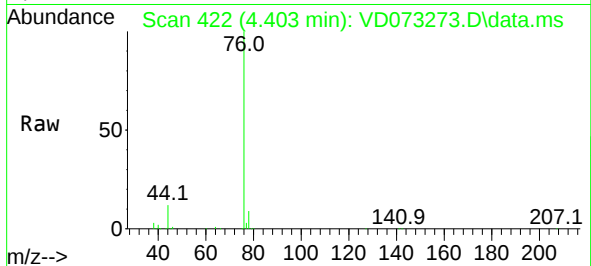




#17
Carbon Disulfide
Concen: 41.368 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

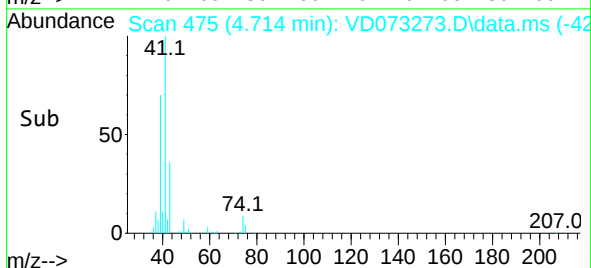
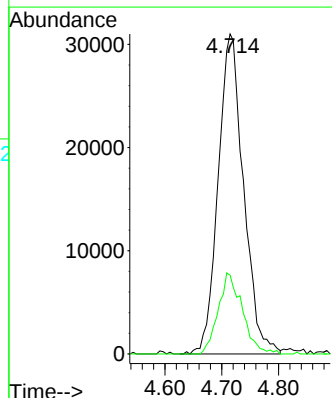
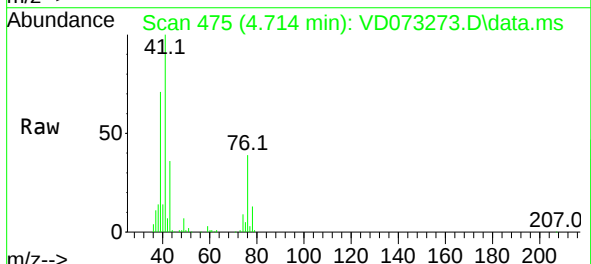
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

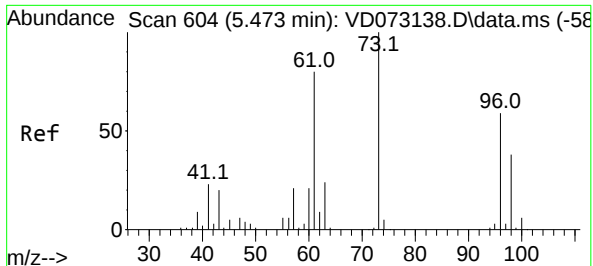
Tgt Ion: 76 Resp: 502143
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 49.687 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 43 Resp: 96363
Ion Ratio Lower Upper
43 100
74 24.1 16.7 25.1

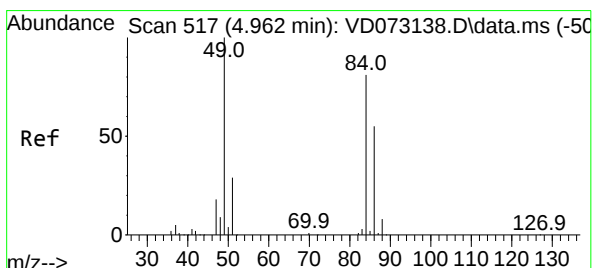
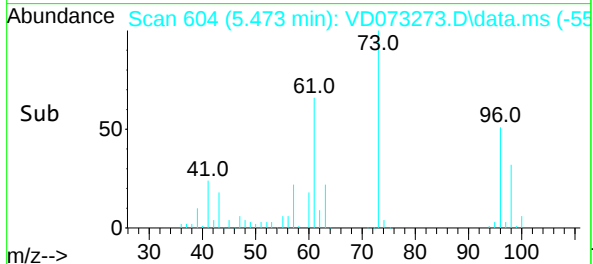
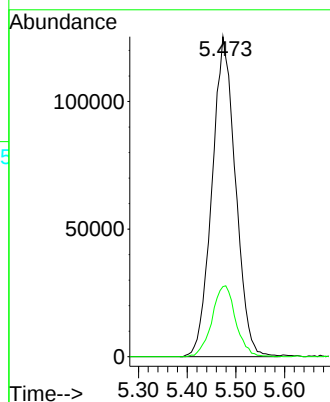
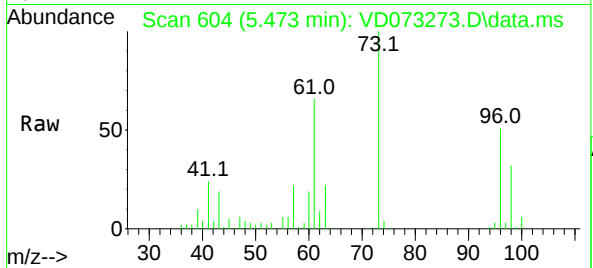




#19
Methyl tert-butyl Ether
Concen: 50.428 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

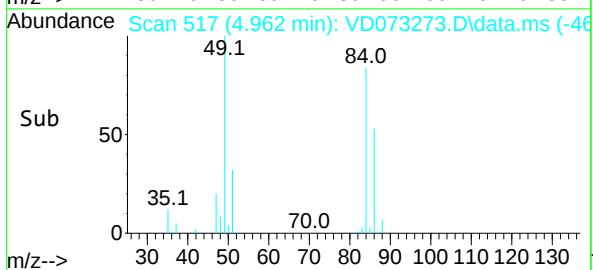
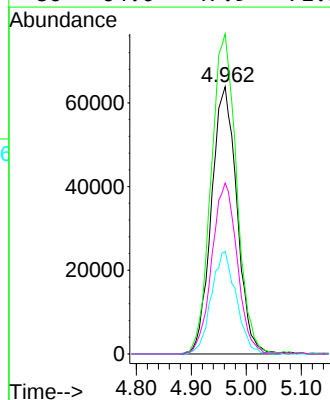
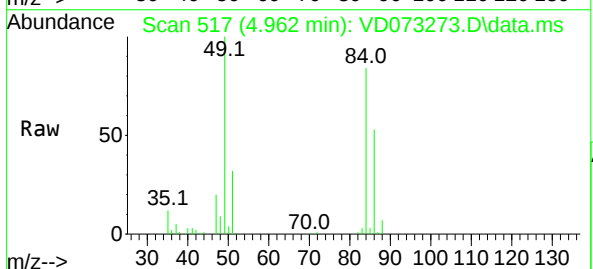
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

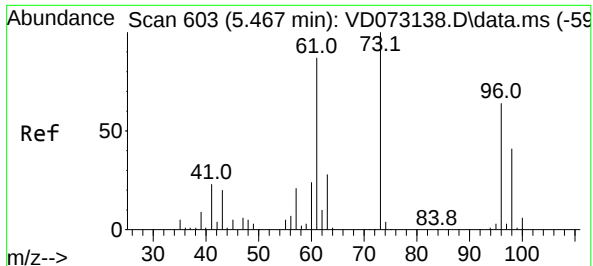
Tgt Ion: 73 Resp: 420651
Ion Ratio Lower Upper
73 100
57 21.9 18.0 27.0



#20
Methylene Chloride
Concen: 46.110 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 84 Resp: 205356
Ion Ratio Lower Upper
84 100
49 119.7 112.8 169.2
51 38.4 32.6 48.8
86 64.0 47.9 71.9

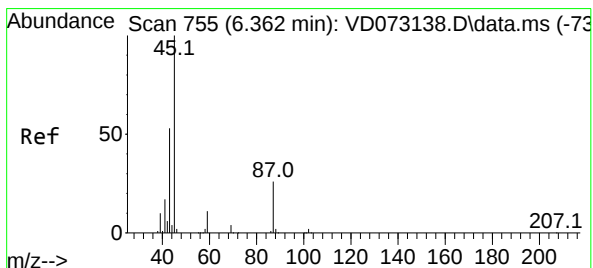
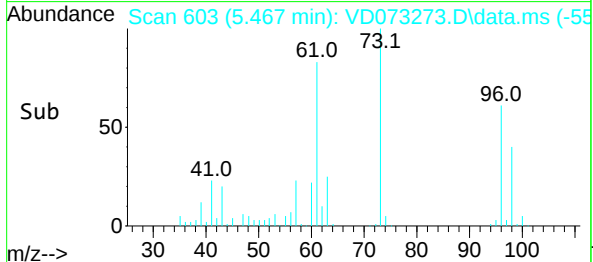
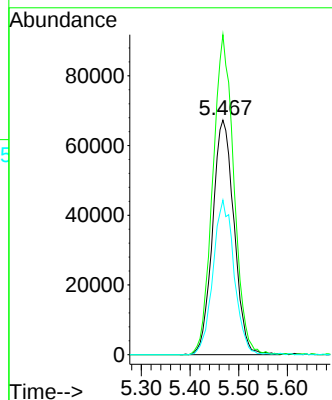
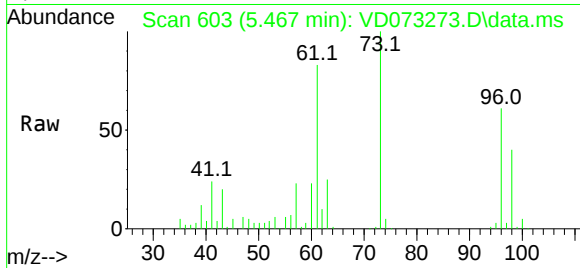




#21
trans-1,2-Dichloroethene
Concen: 46.515 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

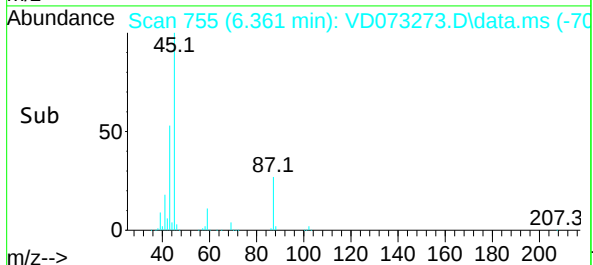
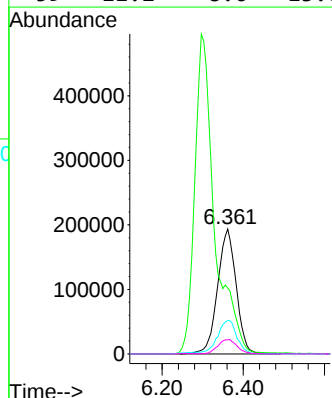
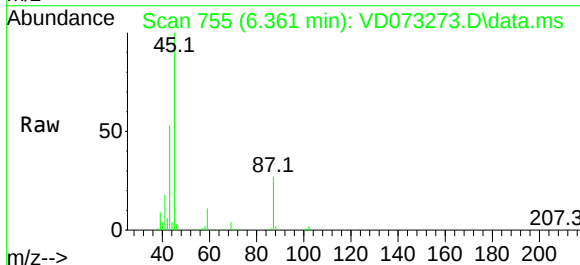
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 205930
Ion Ratio Lower Upper
96 100
61 136.4 117.9 176.9
98 65.8 49.4 74.2



#22
Diisopropyl ether
Concen: 49.799 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 45 Resp: 617009
Ion Ratio Lower Upper
45 100
43 51.7 46.6 70.0
87 26.9 18.4 27.6
59 11.2 8.6 13.0

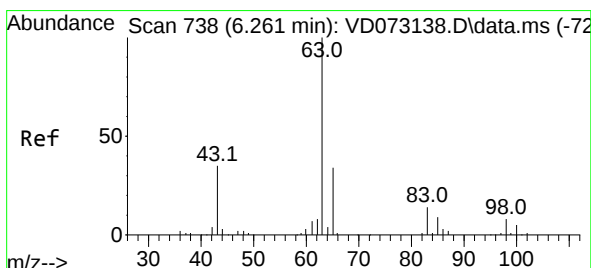
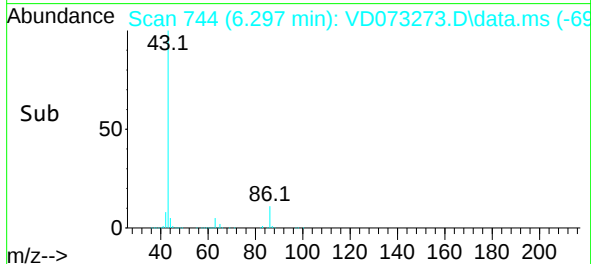
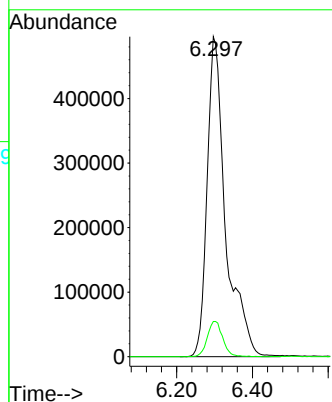
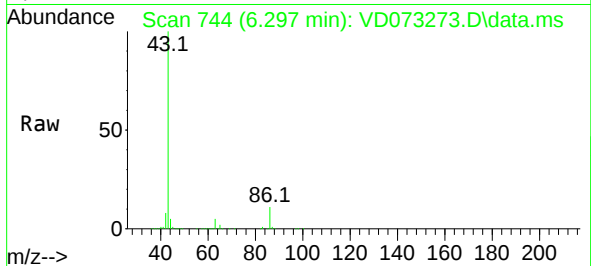




#23
 Vinyl Acetate
 Concen: 254.038 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

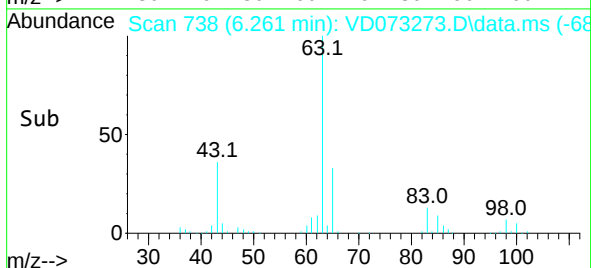
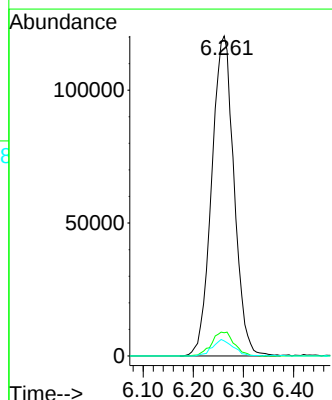
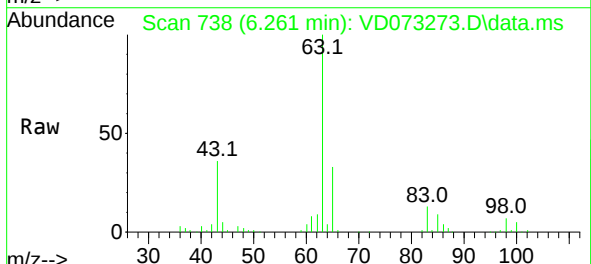
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1678896
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.875 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

Tgt Ion: 63 Resp: 372791
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.7 2.1 6.5

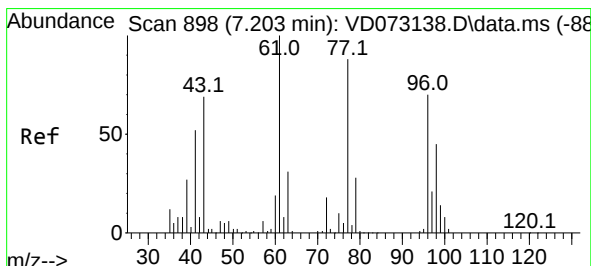
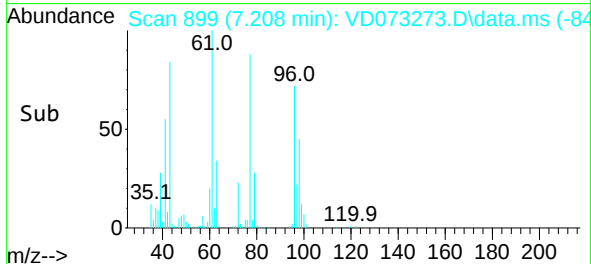
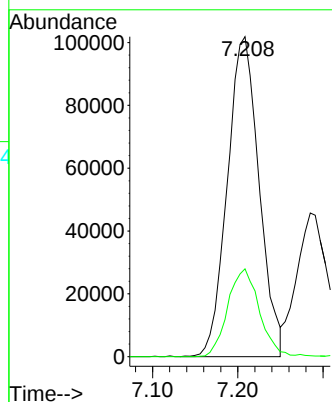
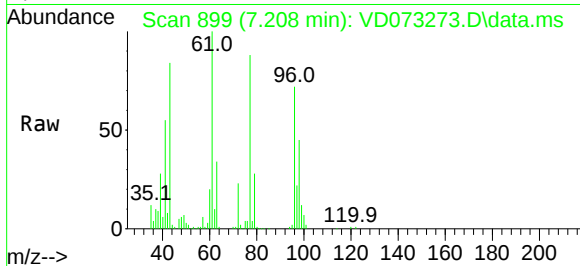




#25
2-Butanone
Concen: 258.597 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

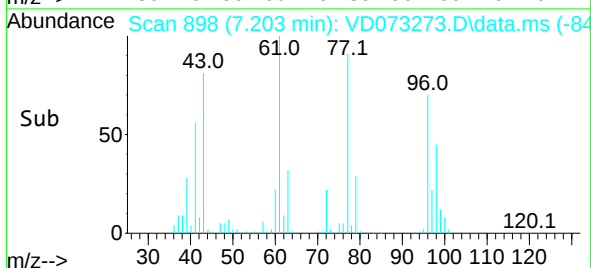
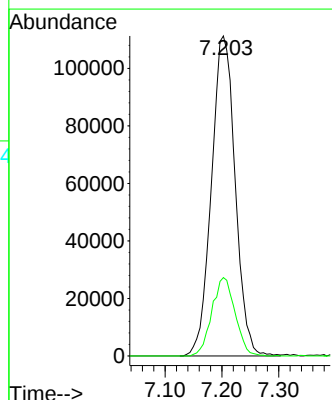
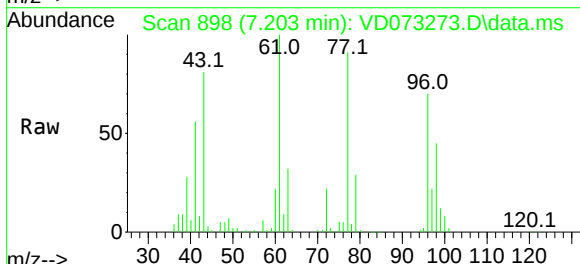
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 263869
Ion Ratio Lower Upper
43 100
72 27.4 18.6 27.8



#26
2,2-Dichloropropane
Concen: 47.653 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 77 Resp: 323194
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.4

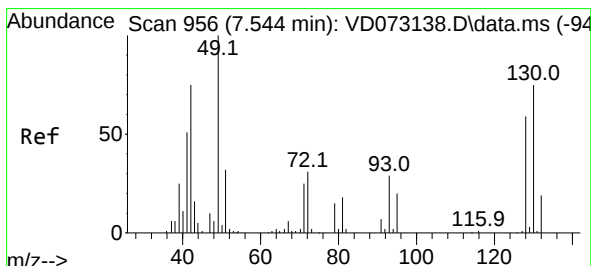
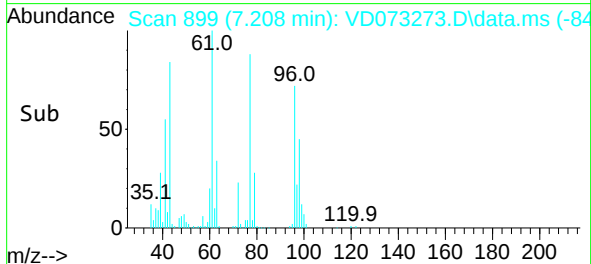
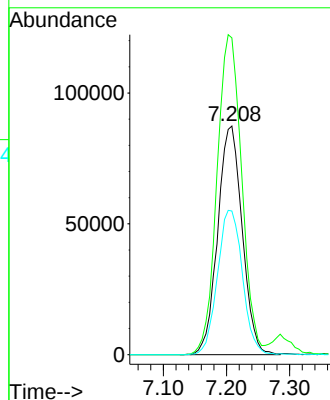
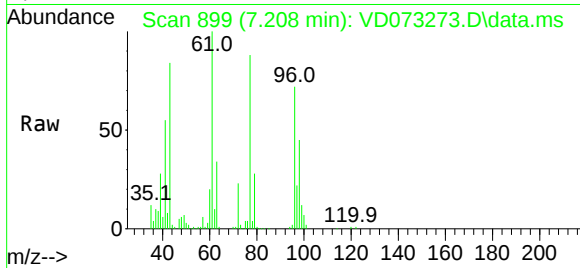




#27
 cis-1,2-Dichloroethene
 Concen: 48.067 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

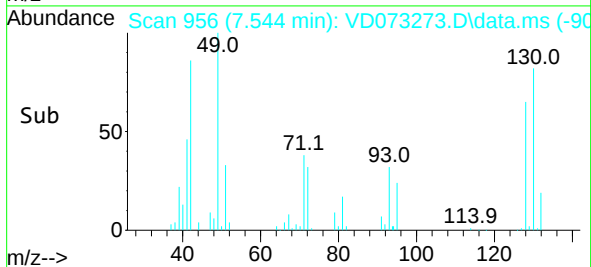
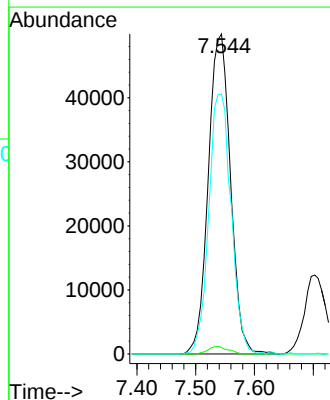
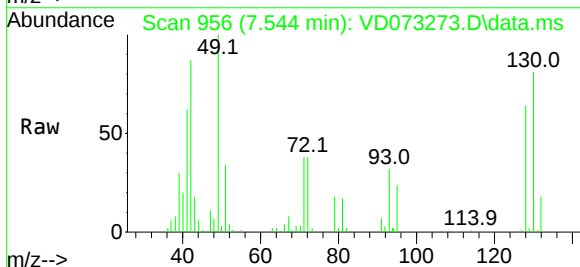
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

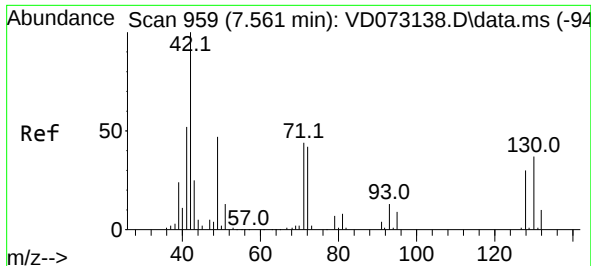
Tgt Ion: 96 Resp: 235467
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 313.8
 98 64.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 47.803 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

Tgt Ion: 49 Resp: 130975
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 81.7 52.6 79.0#





#29

Tetrahydrofuran

Concen: 255.429 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

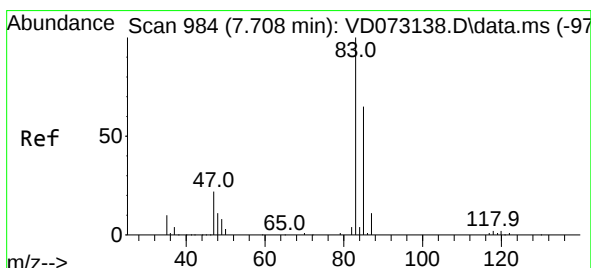
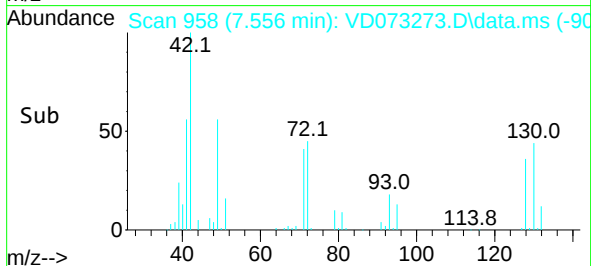
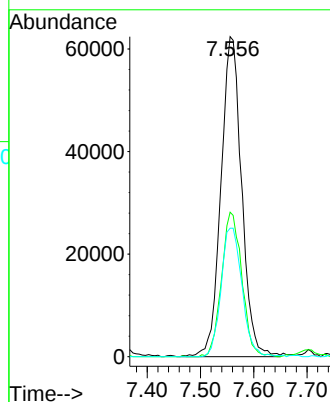
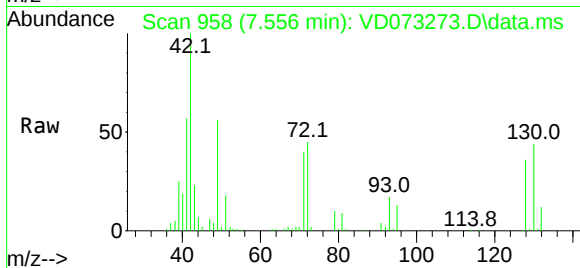
Tgt Ion: 42 Resp: 168532

Ion Ratio Lower Upper

42 100

72 44.2 30.7 46.1

71 40.5 28.6 43.0



#30

Chloroform

Concen: 48.687 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073273.D

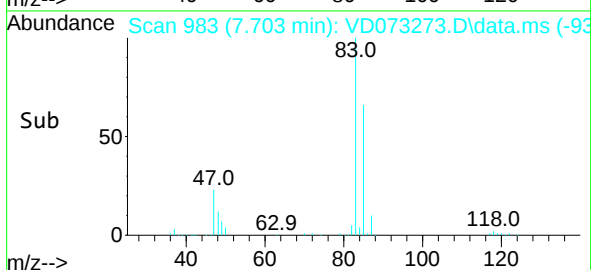
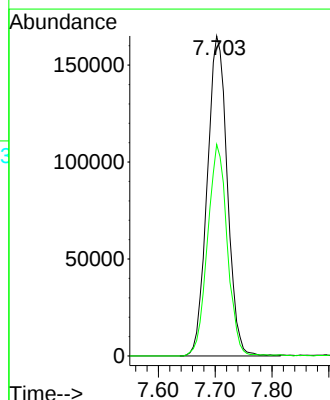
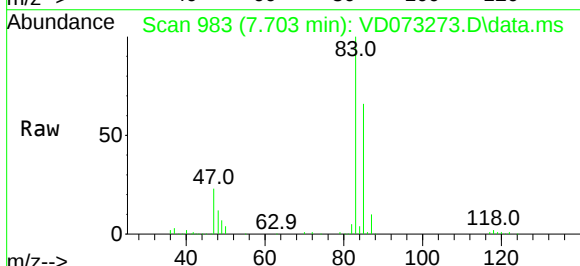
Acq: 23 May 2022 09:56

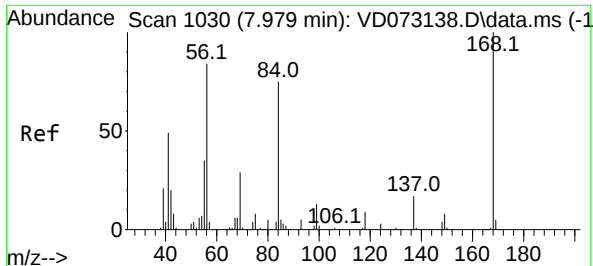
Tgt Ion: 83 Resp: 404237

Ion Ratio Lower Upper

83 100

85 66.1 52.7 79.1





#31

Cyclohexane

Concen: 45.602 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

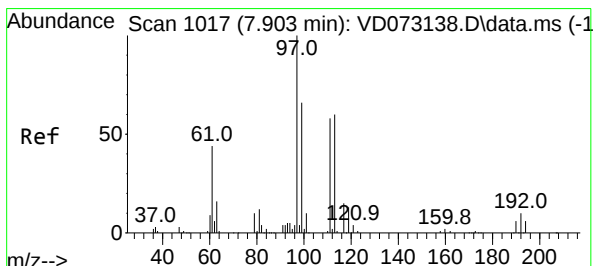
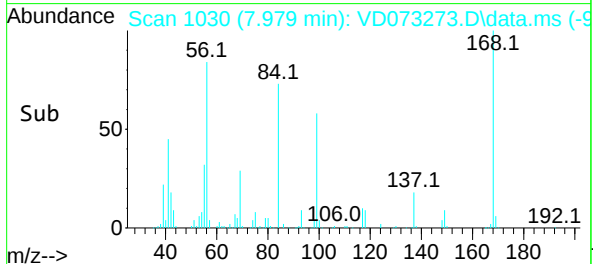
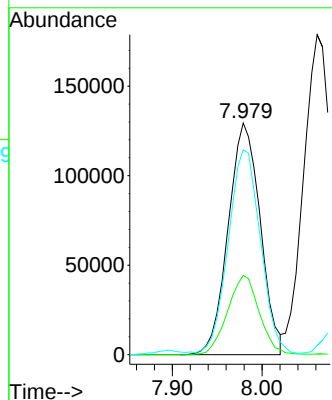
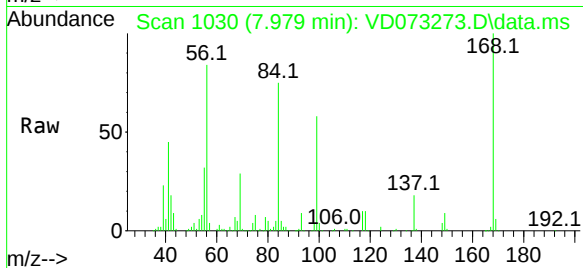
Tgt Ion: 56 Resp: 320876

Ion Ratio Lower Upper

56 100

69 34.3 25.4 38.2

84 87.3 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 48.663 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

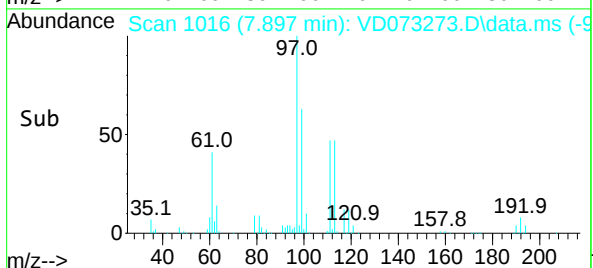
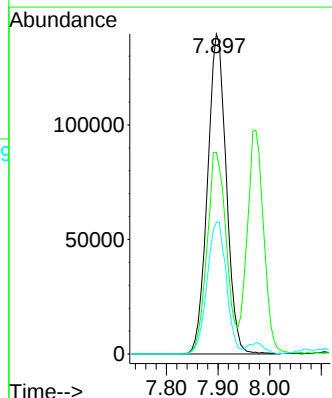
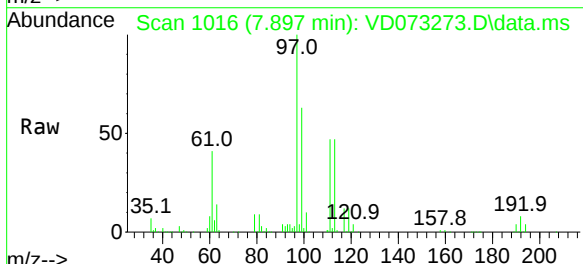
Tgt Ion: 97 Resp: 353379

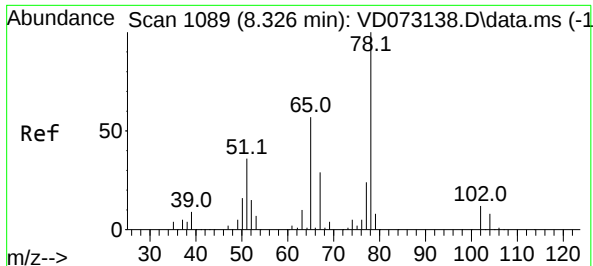
Ion Ratio Lower Upper

97 100

99 64.5 52.4 78.6

61 42.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 49.117 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

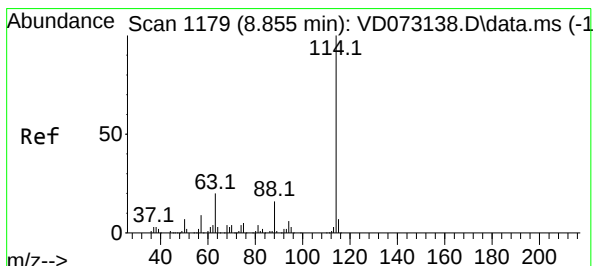
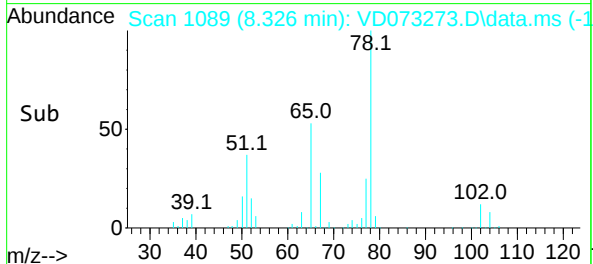
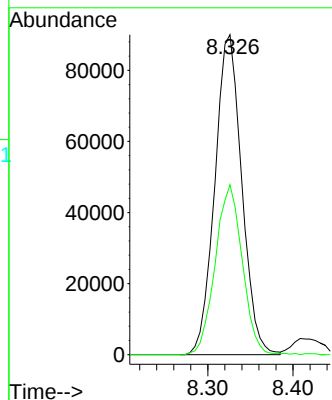
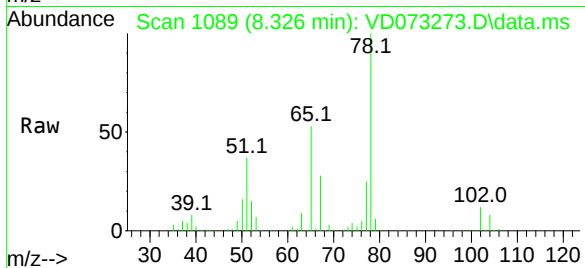
VSTDCCC050

Tgt Ion: 65 Resp: 197774

Ion Ratio Lower Upper

65 100

67 53.3 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: VD073273.D

Acq: 23 May 2022 09:56

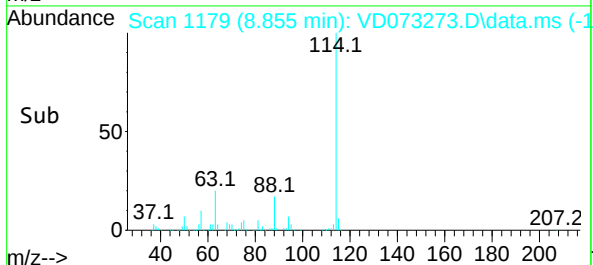
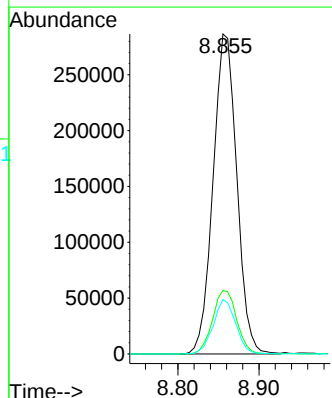
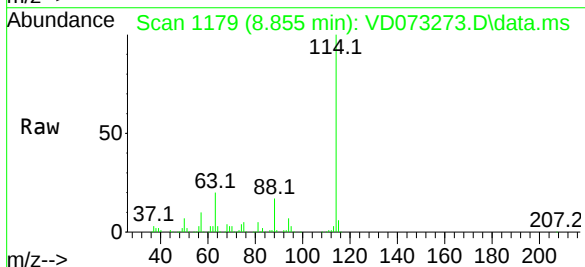
Tgt Ion: 114 Resp: 581929

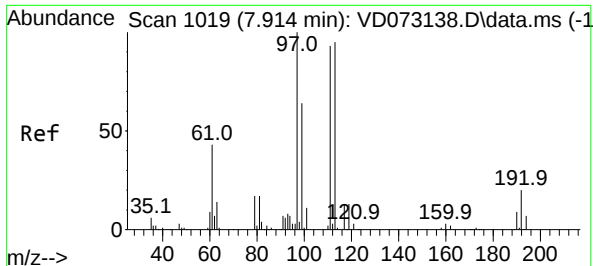
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.088 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

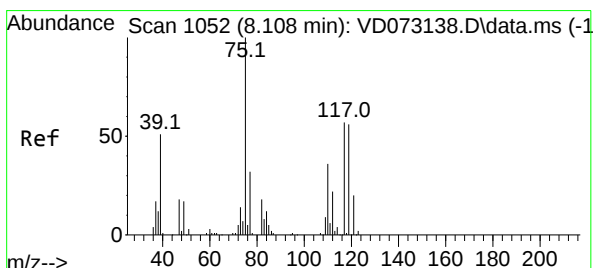
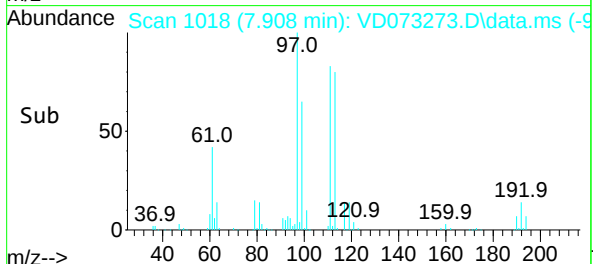
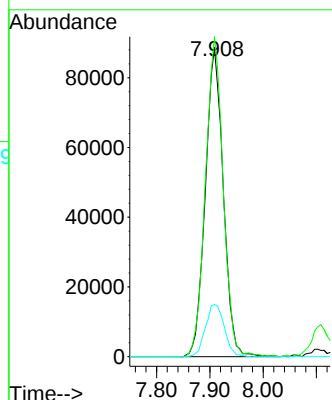
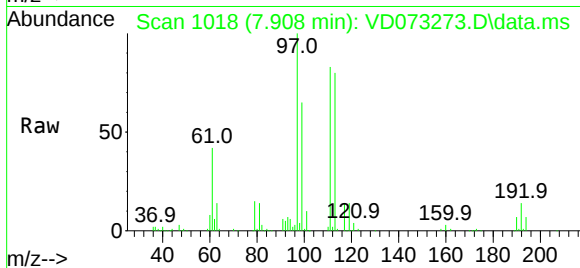
Tgt Ion:113 Resp: 207695

Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 51.047 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

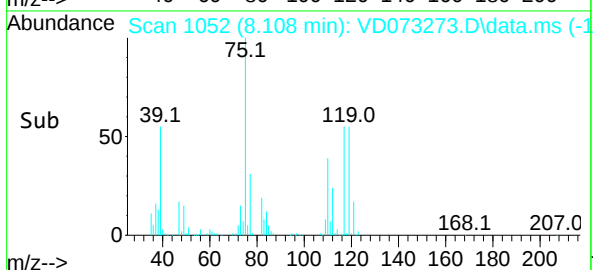
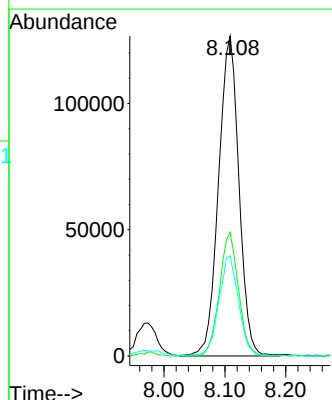
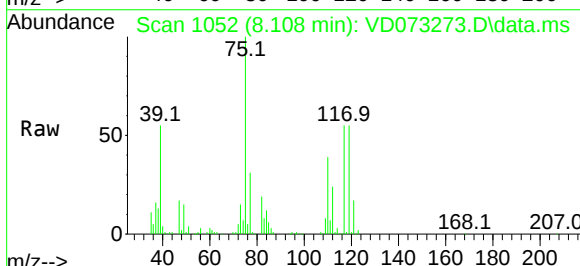
Tgt Ion: 75 Resp: 294806

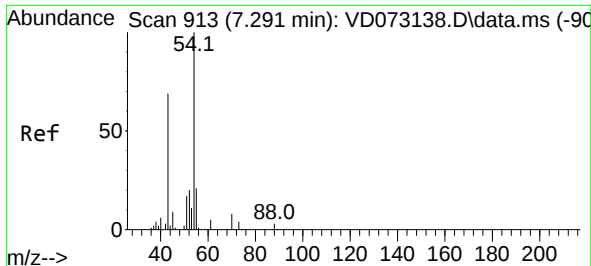
Ion Ratio Lower Upper

75 100

110 36.0 16.4 49.1

77 30.5 24.2 36.2

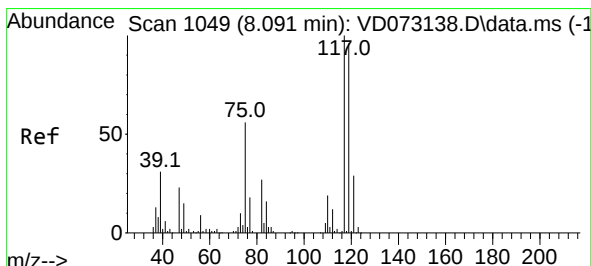
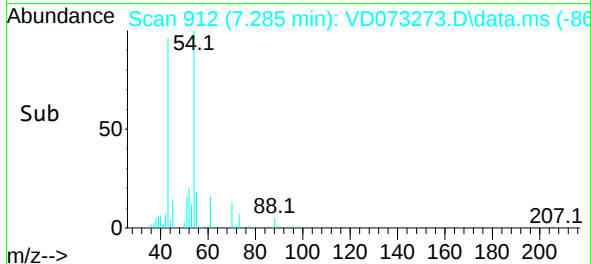
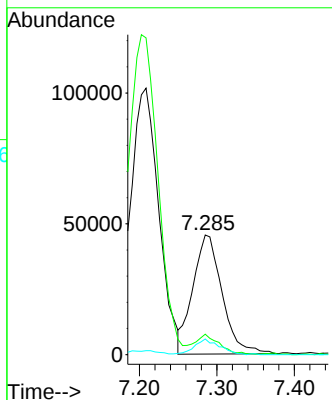
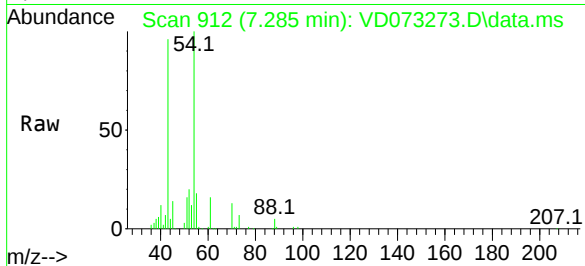




#37
Ethyl Acetate
Concen: 52.365 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

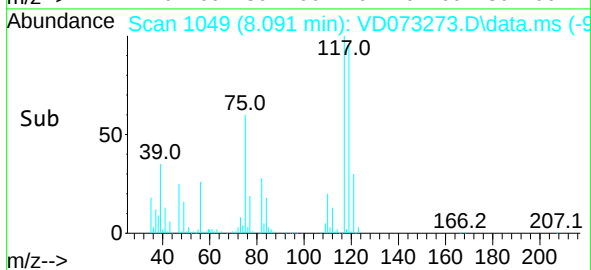
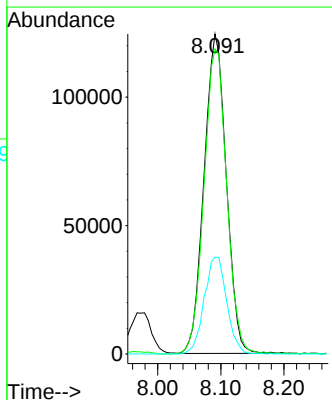
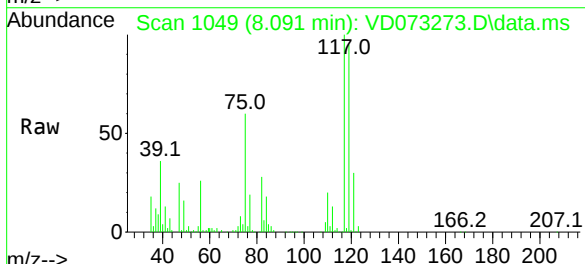
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

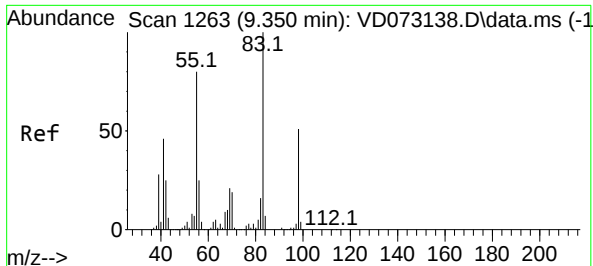
Tgt Ion: 43 Resp: 119454
Ion Ratio Lower Upper
43 100
61 13.7 9.8 14.8
70 11.2 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 51.982 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 117 Resp: 304312
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.6
121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 52.281 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

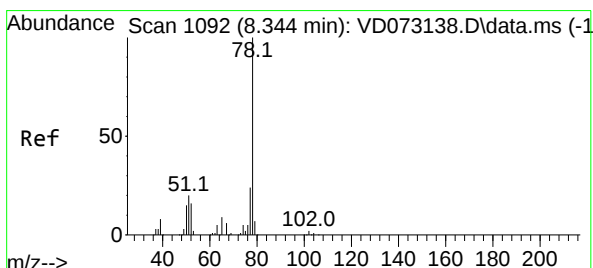
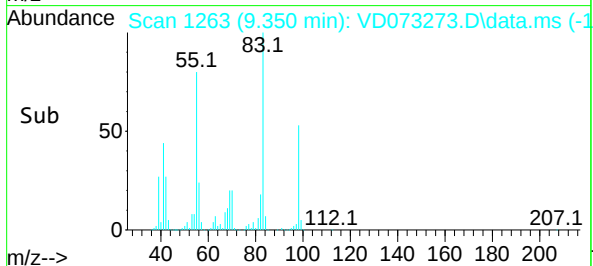
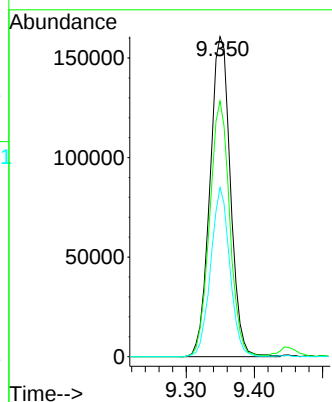
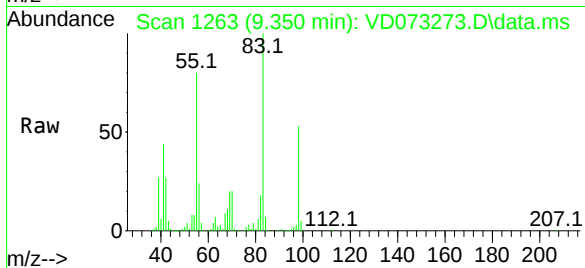
Tgt Ion: 83 Resp: 336495

Ion Ratio Lower Upper

83 100

55 79.9 63.2 94.8

98 52.8 38.2 57.4



#40

Benzene

Concen: 50.657 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073273.D

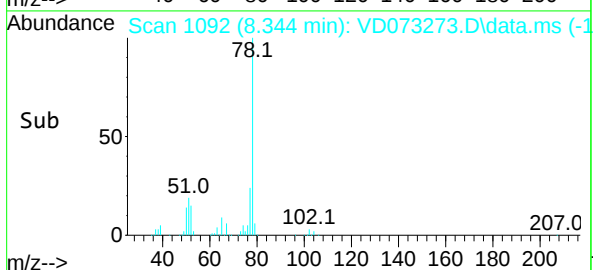
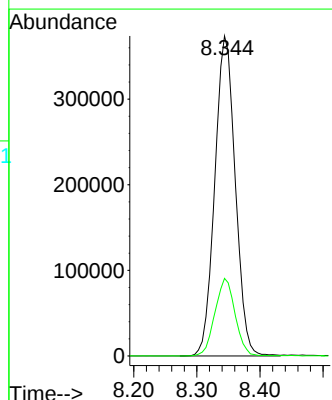
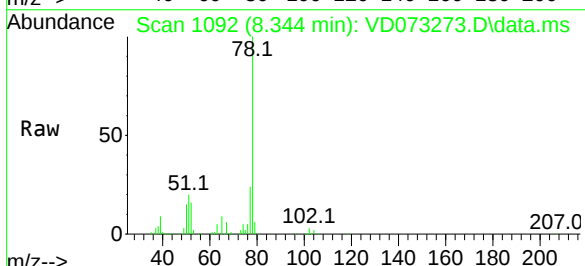
Acq: 23 May 2022 09:56

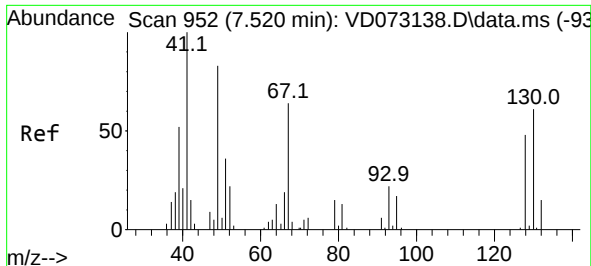
Tgt Ion: 78 Resp: 843147

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7



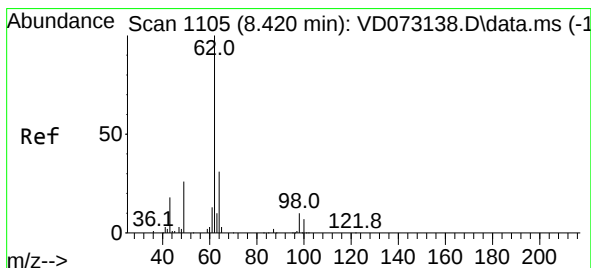
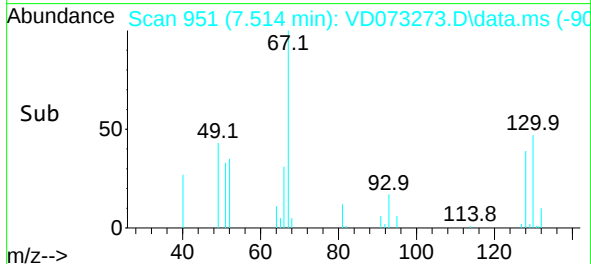
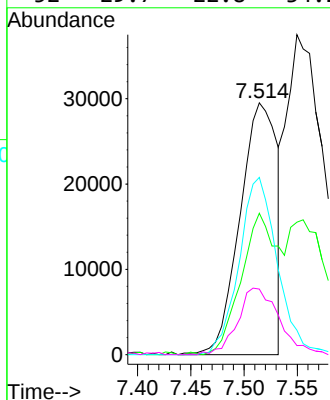
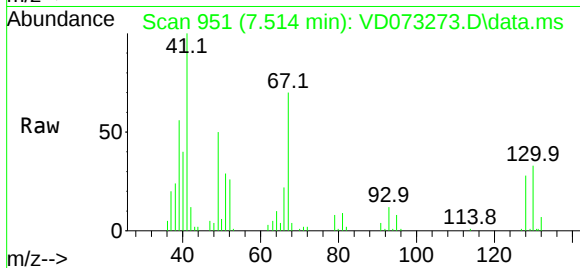


#41
Methacrylonitrile
Concen: 53.439 ug/l
RT: 7.514 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 71025

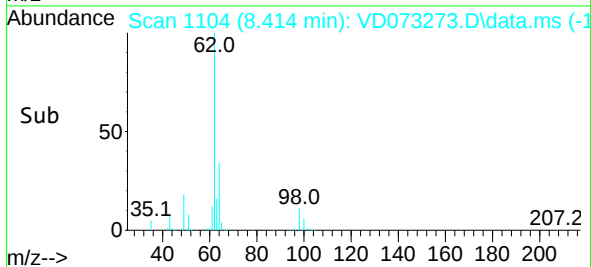
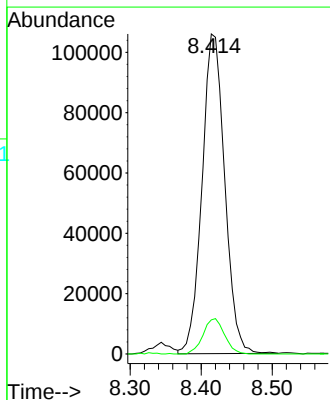
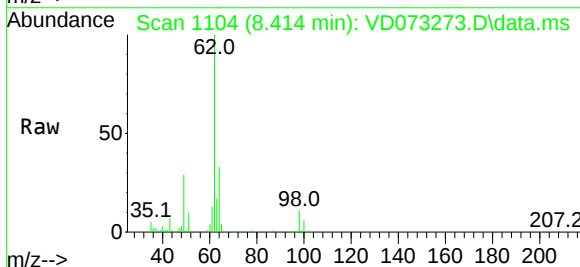
Ion	Ratio	Lower	Upper
41	100		
39	57.9	44.6	67.0
67	73.2	48.2	72.4#
52	29.7	22.8	34.2

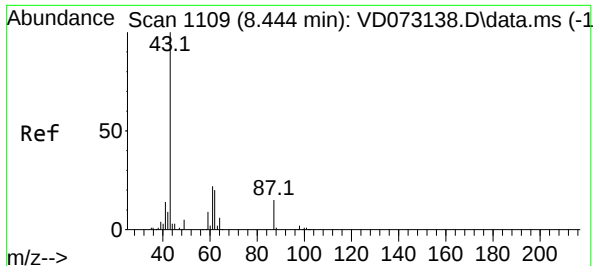


#42
1,2-Dichloroethane
Concen: 50.840 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 62 Resp: 235450

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 53.707 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

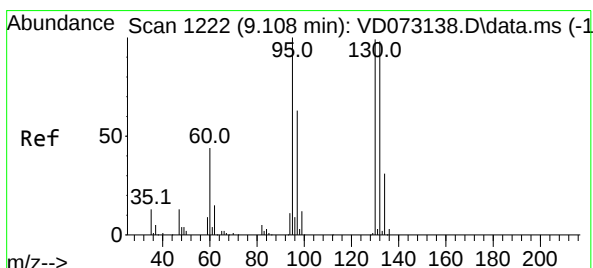
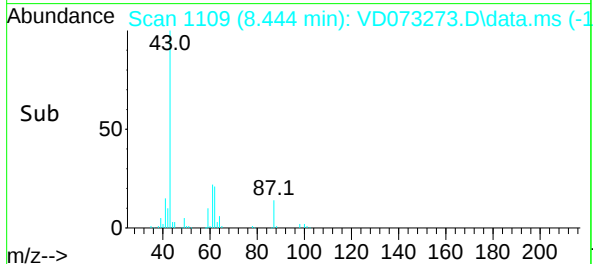
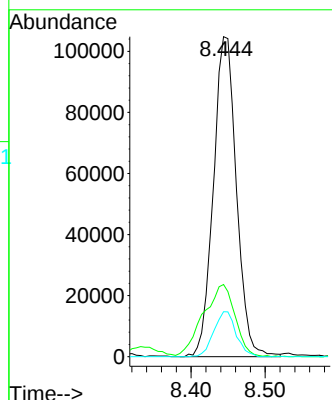
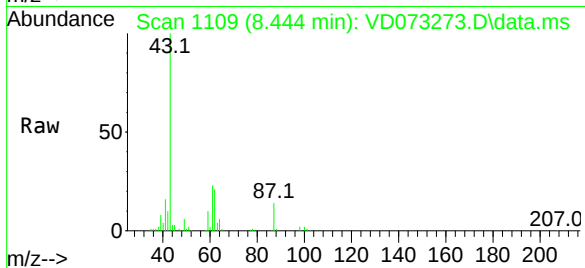
Tgt Ion: 43 Resp: 226453

Ion Ratio Lower Upper

43 100

61 31.2 22.4 33.6

87 13.6 8.7 13.1#



#44

Trichloroethene

Concen: 51.910 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073273.D

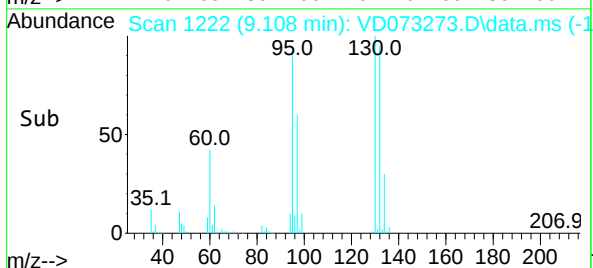
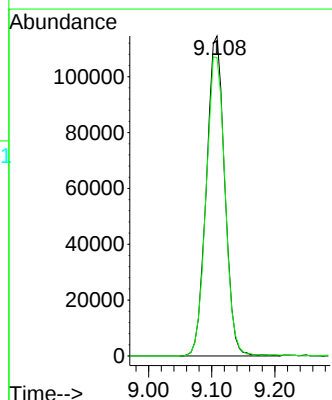
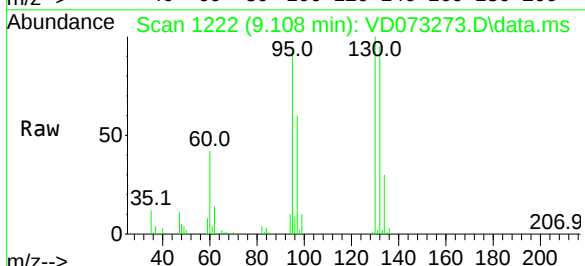
Acq: 23 May 2022 09:56

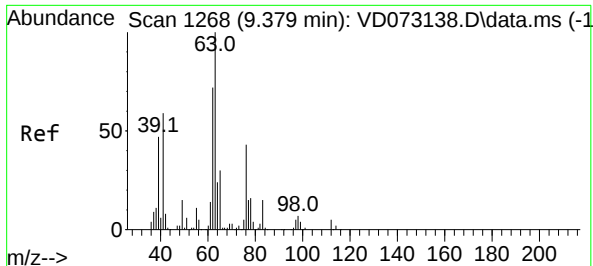
Tgt Ion:130 Resp: 230399

Ion Ratio Lower Upper

130 100

95 93.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 52.292 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

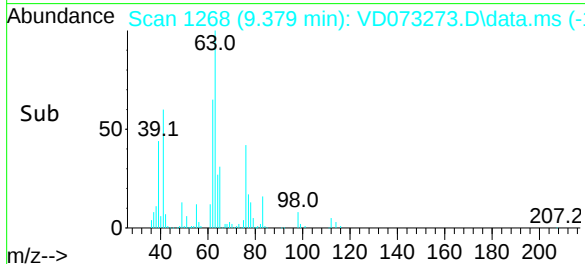
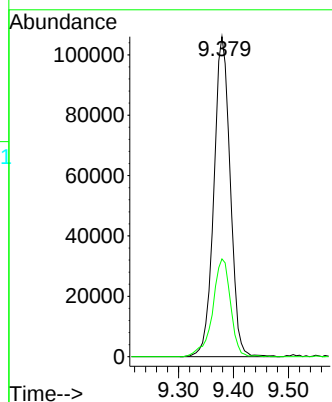
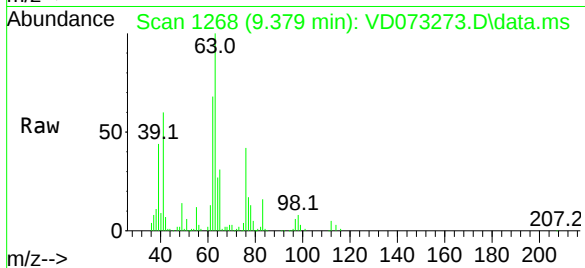
VSTDCCC050

Tgt Ion: 63 Resp: 219191

Ion Ratio Lower Upper

63 100

65 30.6 26.2 39.4



#46

Dibromomethane

Concen: 50.992 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

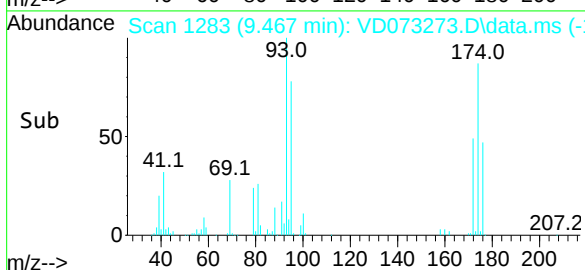
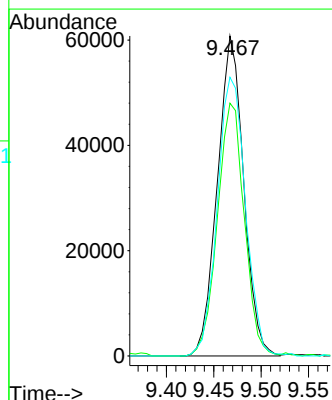
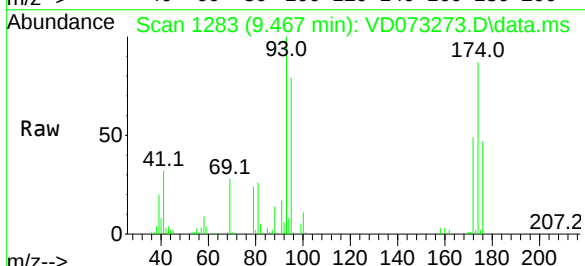
Tgt Ion: 93 Resp: 117391

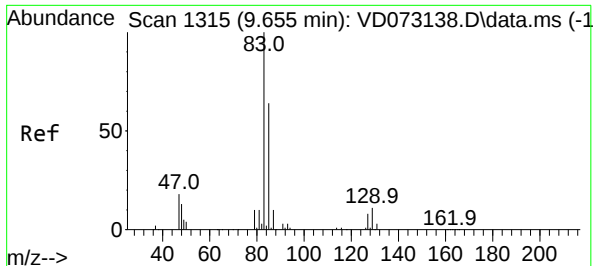
Ion Ratio Lower Upper

93 100

95 80.9 66.7 100.1

174 93.2 71.6 107.4

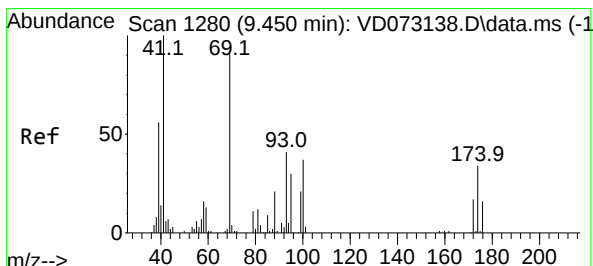
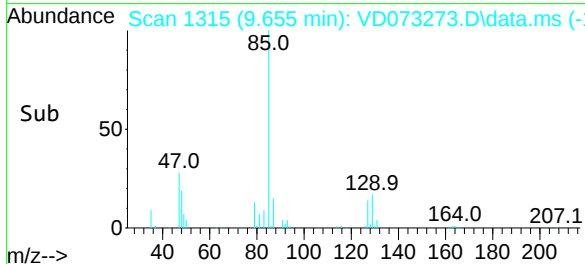
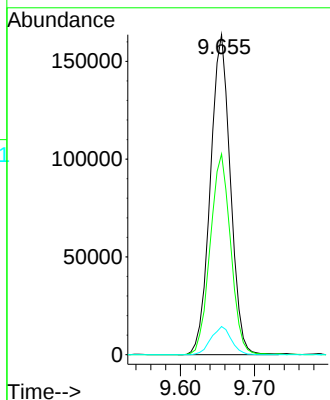
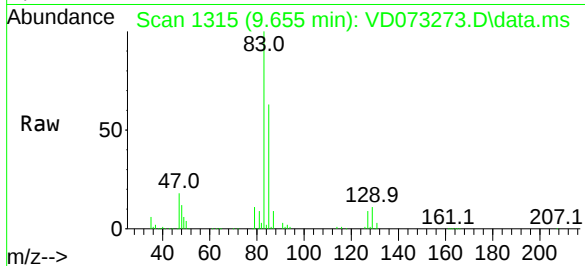




#47
Bromodichloromethane
Concen: 52.146 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

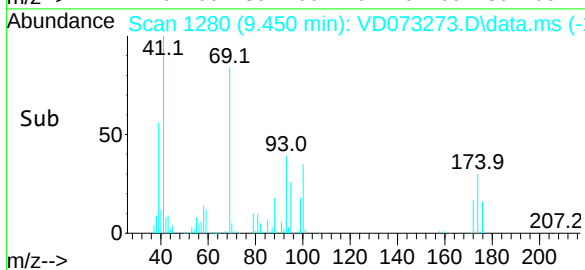
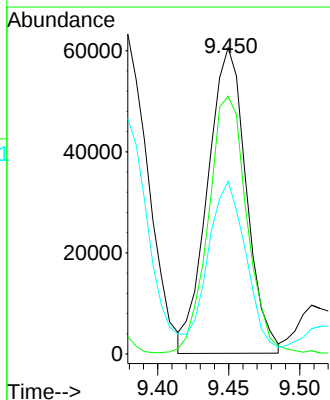
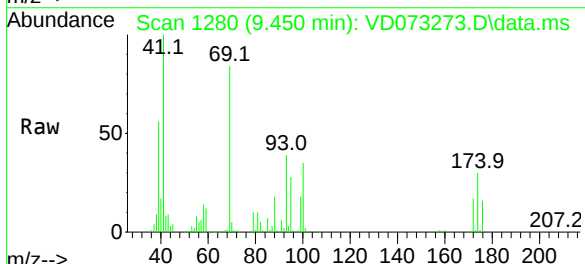
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

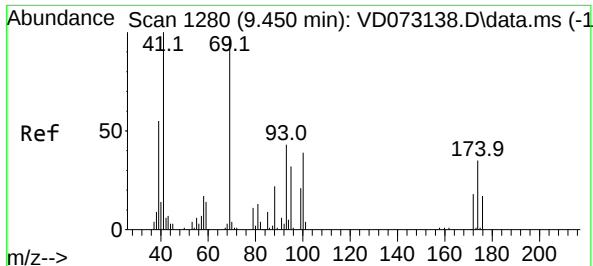
Tgt Ion: 83 Resp: 307164
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.0
127 8.8 6.1 9.1



#48
Methyl methacrylate
Concen: 53.986 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 41 Resp: 114524
Ion Ratio Lower Upper
41 100
69 84.1 56.7 85.1
39 55.2 42.7 64.1

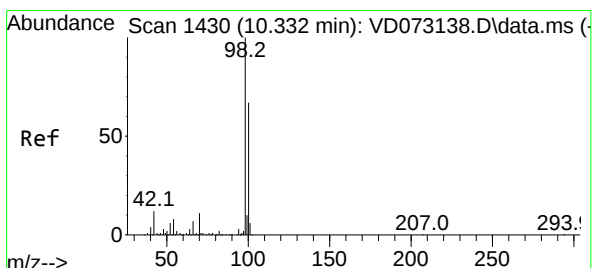
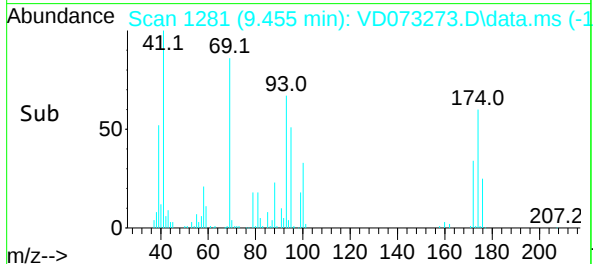
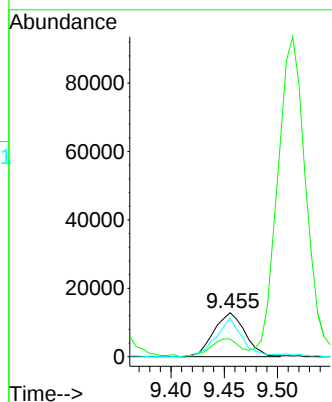
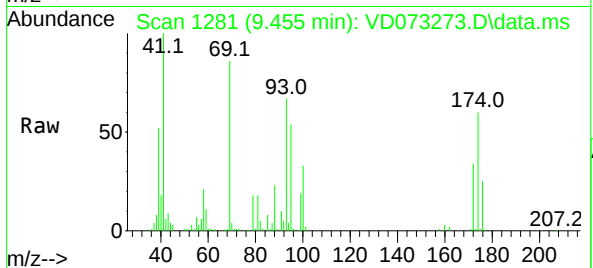




#49
1,4-Dioxane
Concen: 1100.393 ug/l
RT: 9.455 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

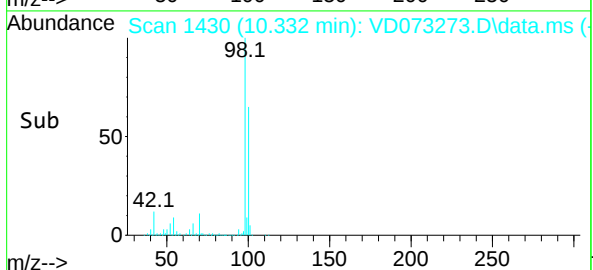
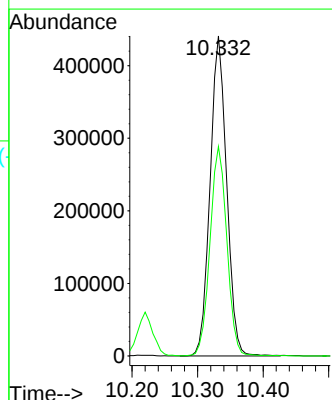
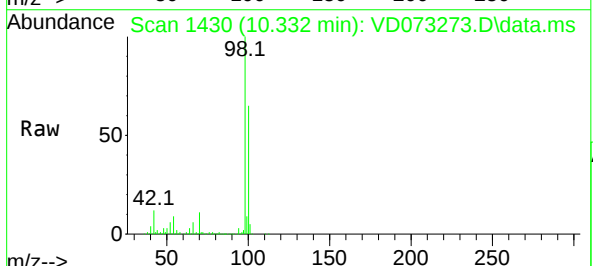
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 26161
Ion Ratio Lower Upper
88 100
43 38.9 31.0 46.4
58 73.9 58.1 87.1



#50
Toluene-d8
Concen: 54.660 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 98 Resp: 773716
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6

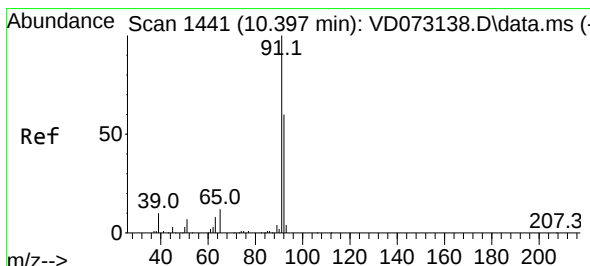
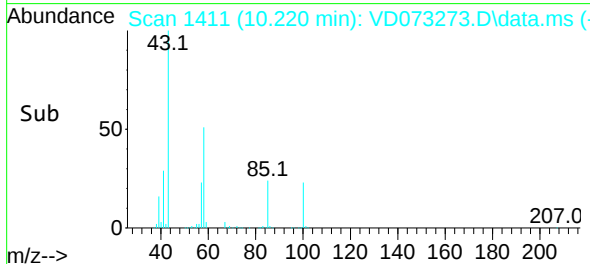
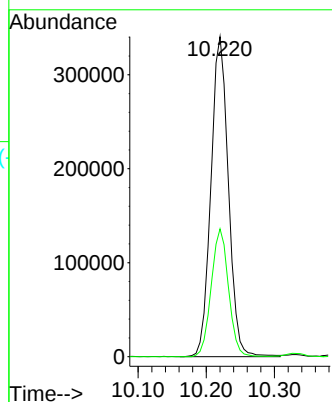
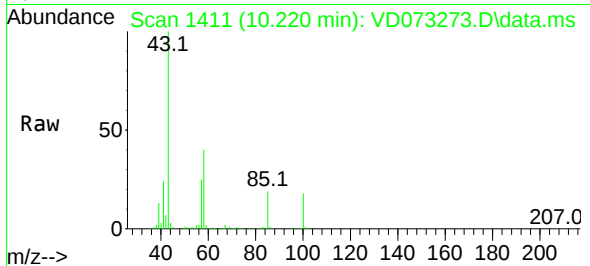




#51
4-Methyl-2-Pentanone
Concen: 277.519 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

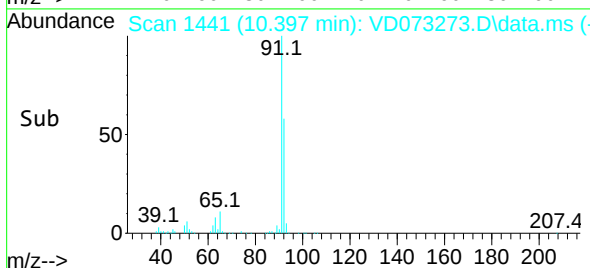
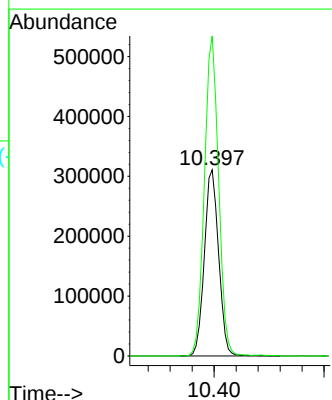
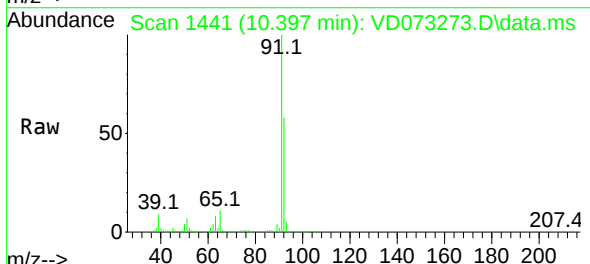
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

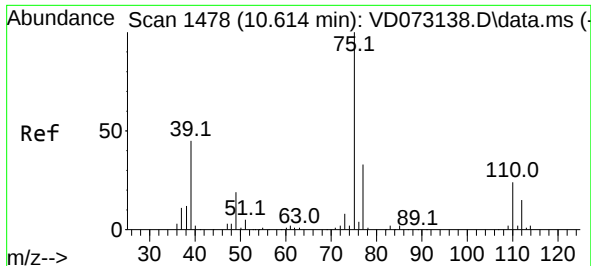
Tgt Ion: 43 Resp: 607752
Ion Ratio Lower Upper
43 100
58 39.5 28.6 43.0



#52
Toluene
Concen: 53.098 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 92 Resp: 558478
Ion Ratio Lower Upper
92 100
91 170.8 139.6 209.4

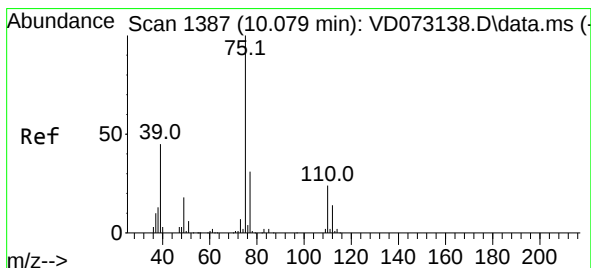
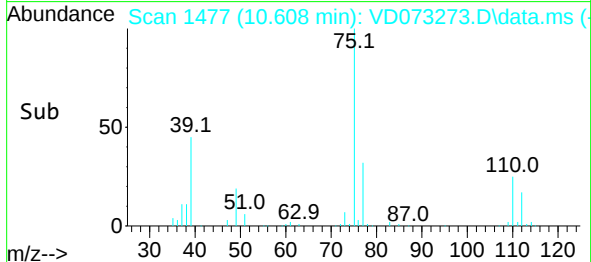
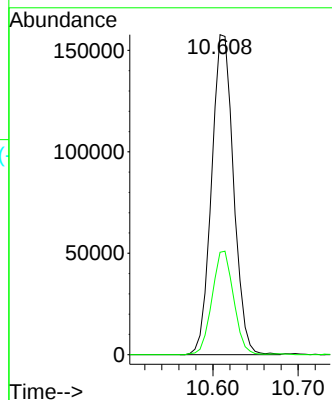
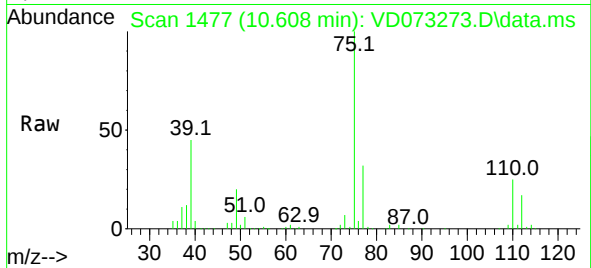




#53
t-1,3-Dichloropropene
Concen: 53.041 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

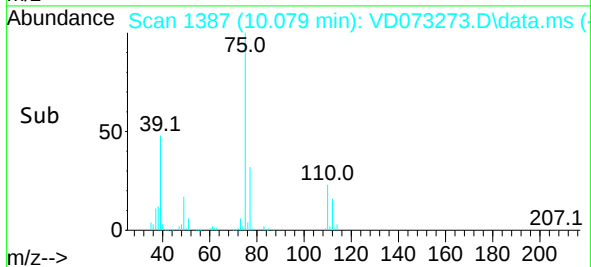
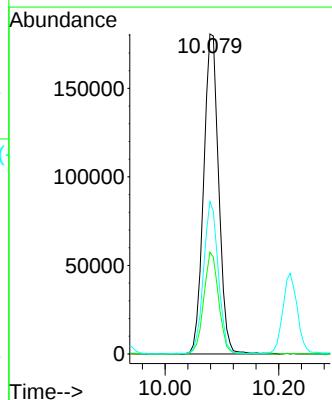
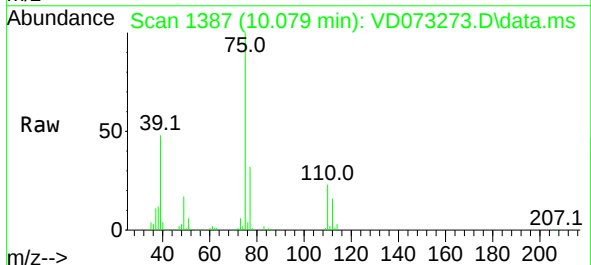
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

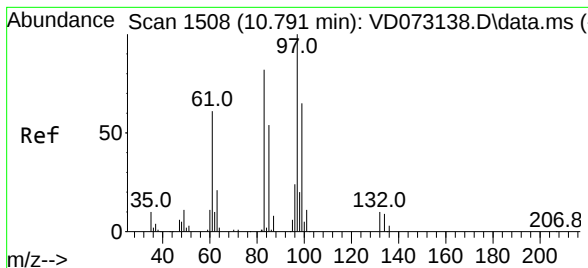
Tgt Ion: 75 Resp: 282260
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 52.157 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 75 Resp: 332150
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 47.5 46.8 70.2



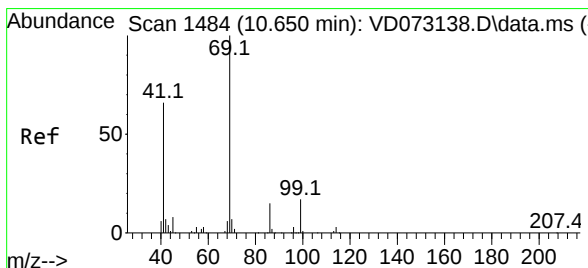
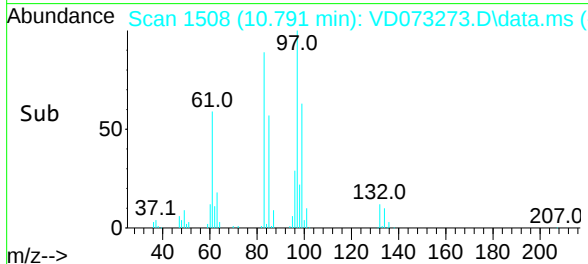
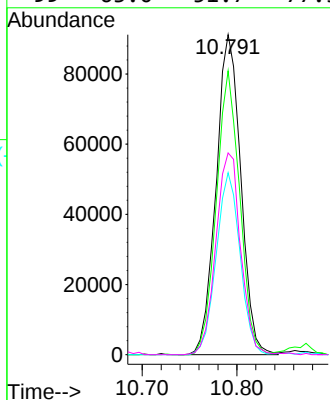
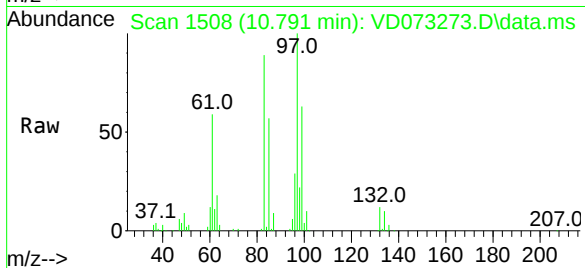


#55
1,1,2-Trichloroethane
Concen: 53.077 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 165235

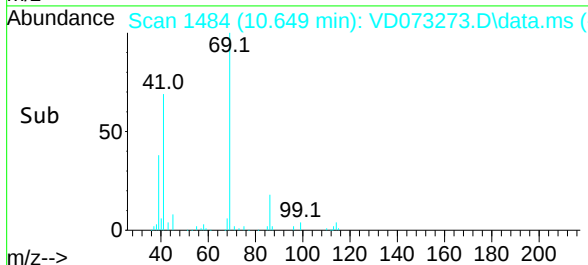
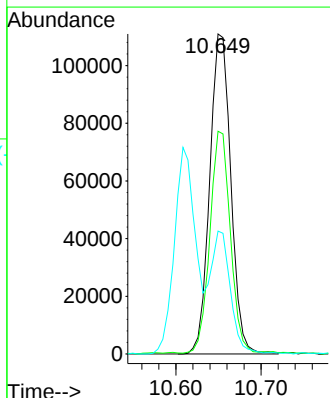
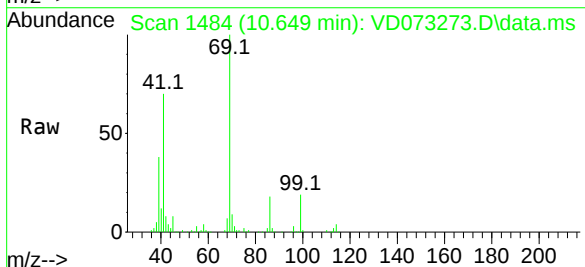
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.0	103.4
85	56.9	42.6	63.8
99	63.0	51.7	77.5

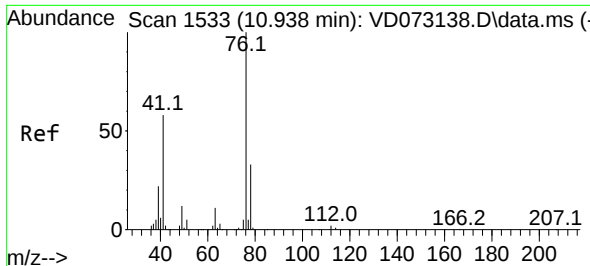


#56
Ethyl methacrylate
Concen: 55.179 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 69 Resp: 190991

Ion	Ratio	Lower	Upper
69	100		
41	67.0	63.0	94.6
39	37.1	33.8	50.8





#57

1,3-Dichloropropane

Concen: 52.757 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

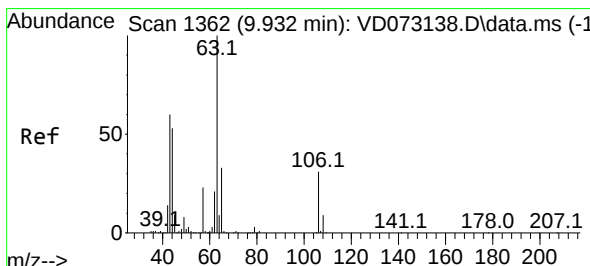
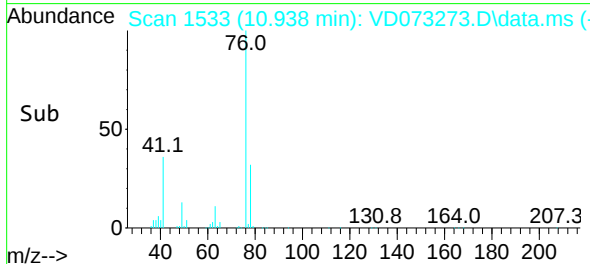
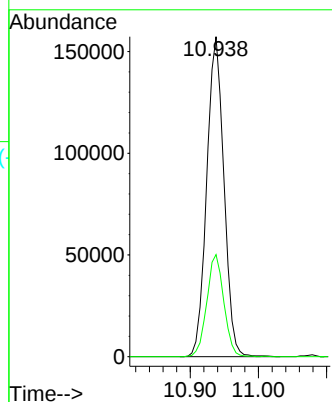
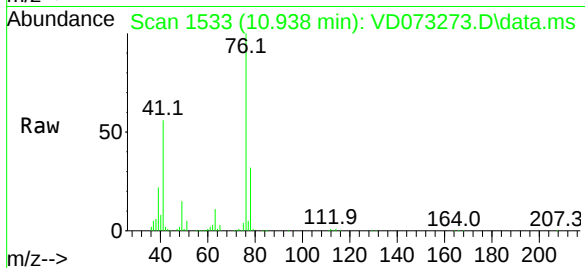
VSTDCCC050

Tgt Ion: 76 Resp: 275577

Ion Ratio Lower Upper

76 100

78 31.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 260.623 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073273.D

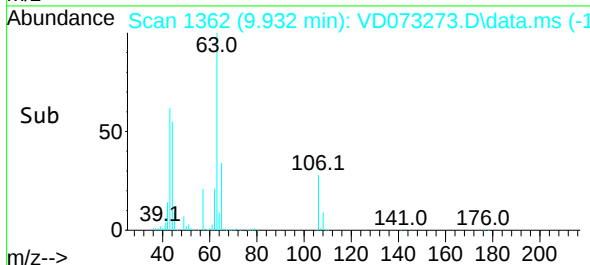
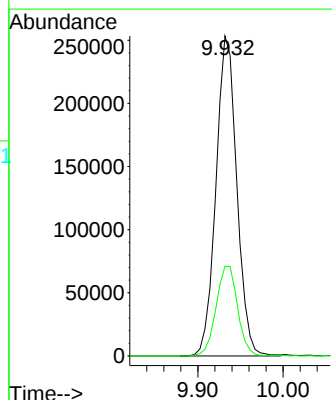
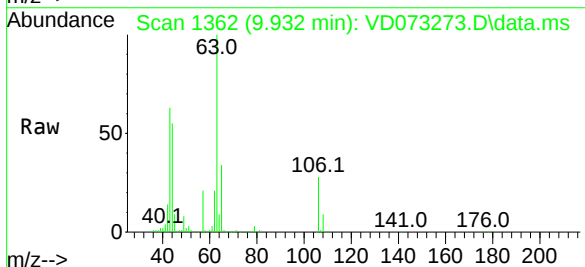
Acq: 23 May 2022 09:56

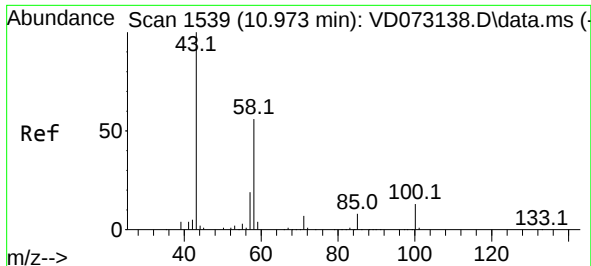
Tgt Ion: 63 Resp: 430240

Ion Ratio Lower Upper

63 100

106 29.0 21.4 32.0

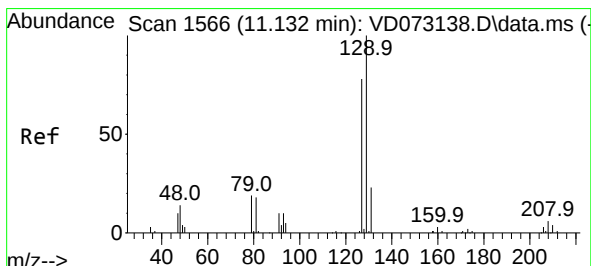
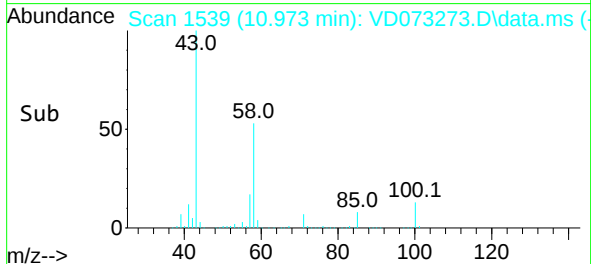
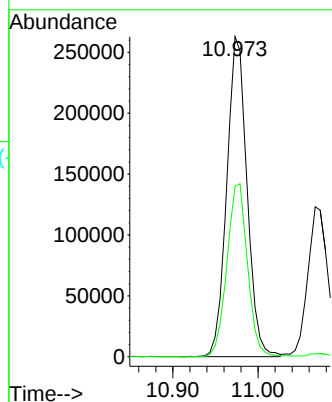
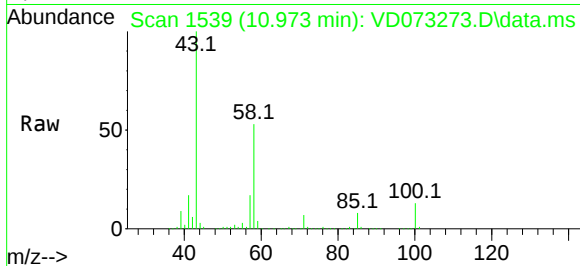




#59
2-Hexanone
Concen: 300.904 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

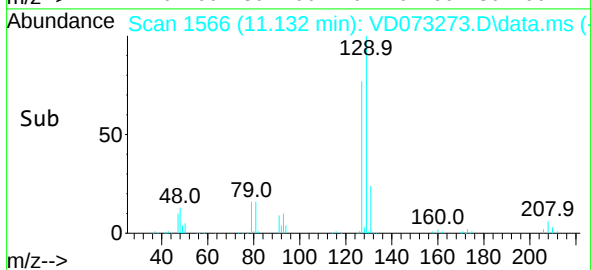
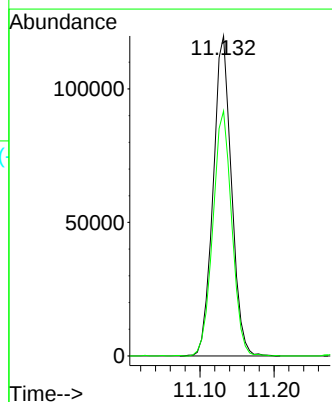
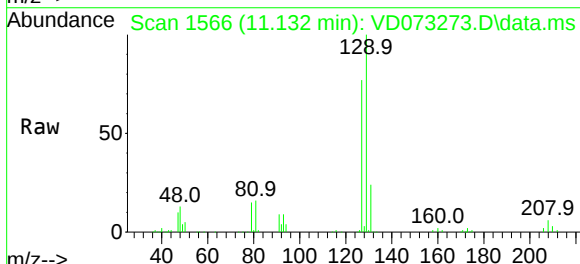
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

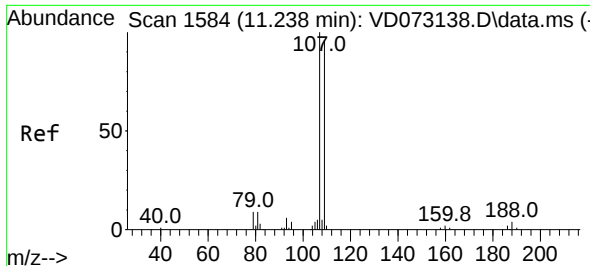
Tgt Ion: 43 Resp: 434445
Ion Ratio Lower Upper
43 100
58 55.0 25.3 75.9



#60
Dibromochloromethane
Concen: 52.937 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion:129 Resp: 205489
Ion Ratio Lower Upper
129 100
127 79.0 39.2 117.6

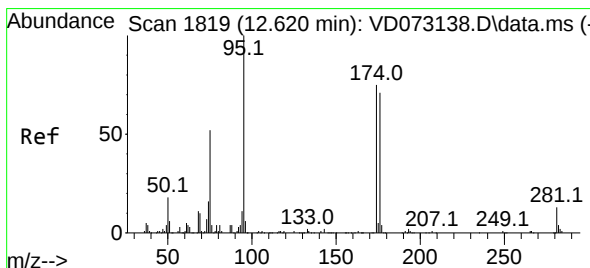
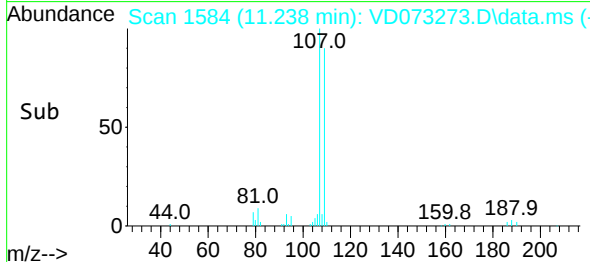
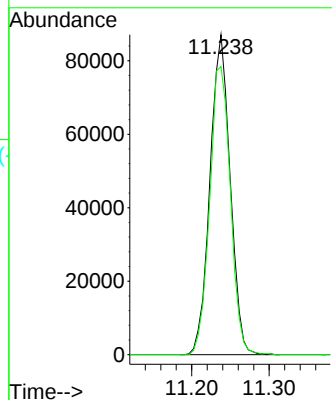
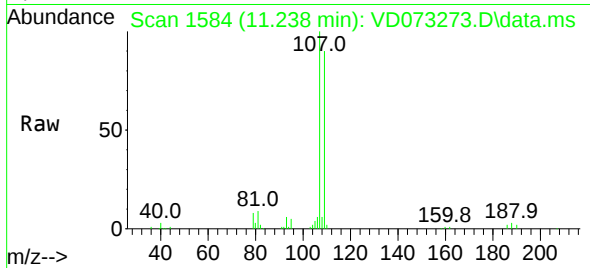




#61
1,2-Dibromoethane
Concen: 52.909 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

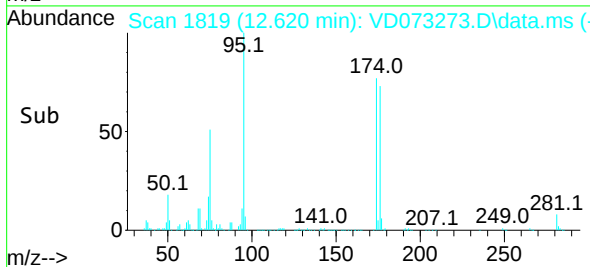
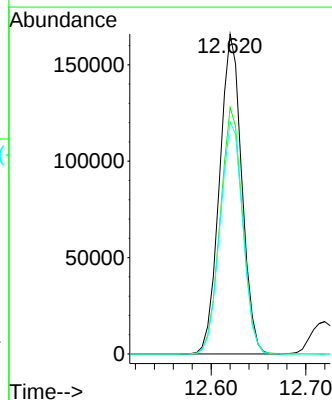
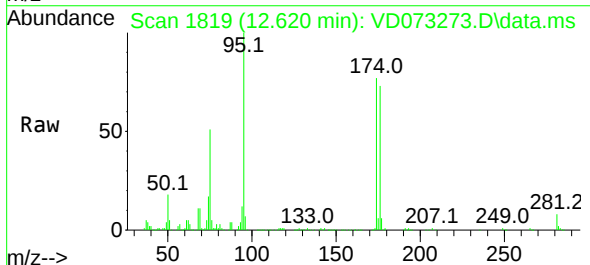
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

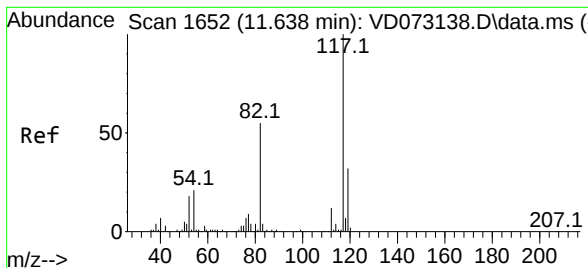
Tgt Ion:107 Resp: 157393
Ion Ratio Lower Upper
107 100
109 92.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 54.458 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 95 Resp: 270525
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 74.3 0.0 145.4

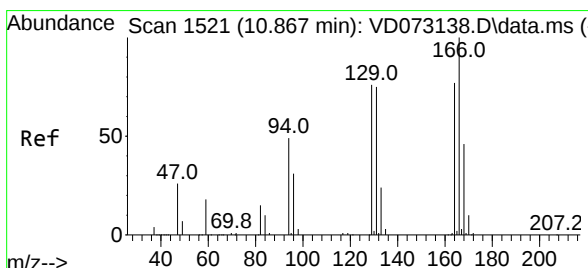
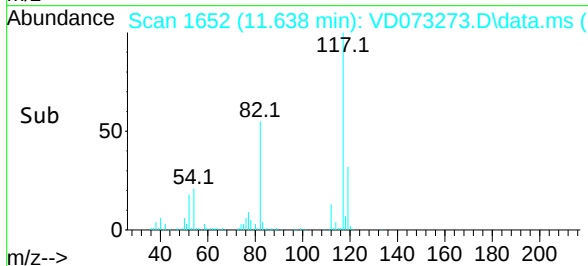
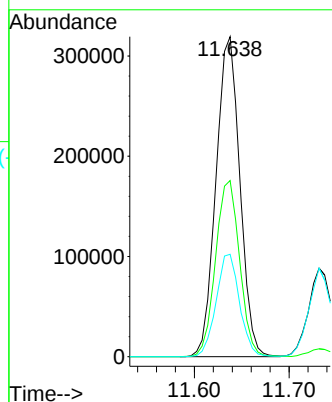
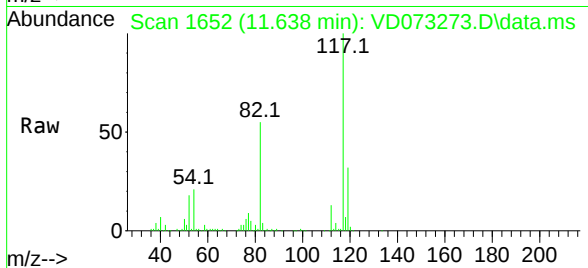




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

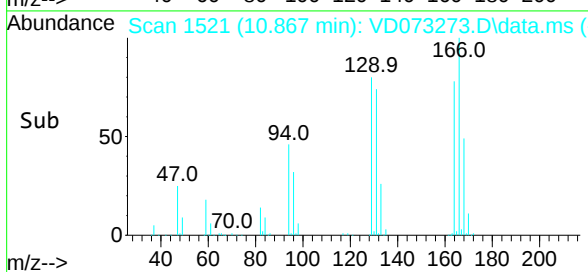
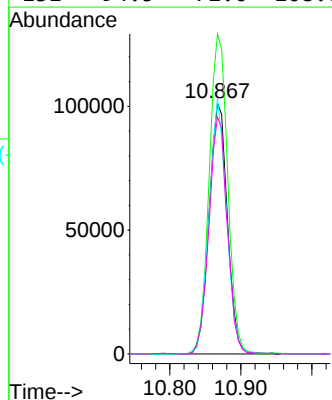
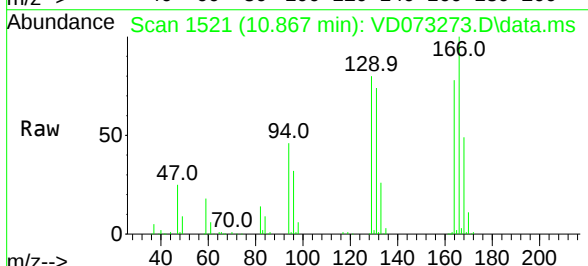
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

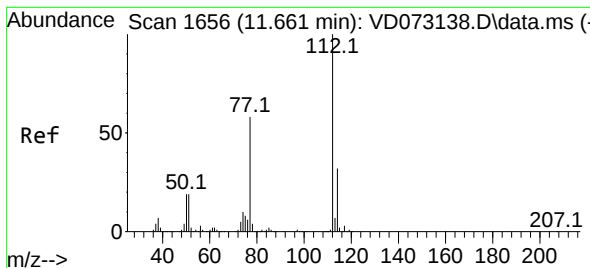
Tgt Ion:117 Resp: 559934
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 32.0 26.6 40.0



#64
Tetrachloroethene
Concen: 49.471 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion:164 Resp: 181431
Ion Ratio Lower Upper
164 100
166 127.6 98.5 147.7
129 102.0 74.6 111.8
131 94.5 72.0 108.0





#65

Chlorobenzene

Concen: 50.769 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

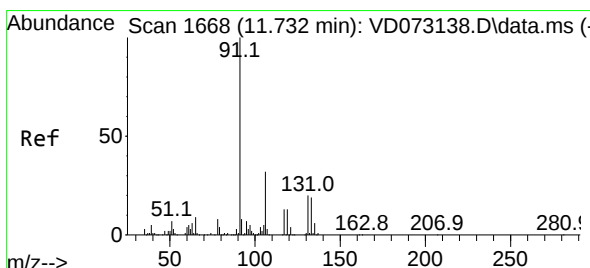
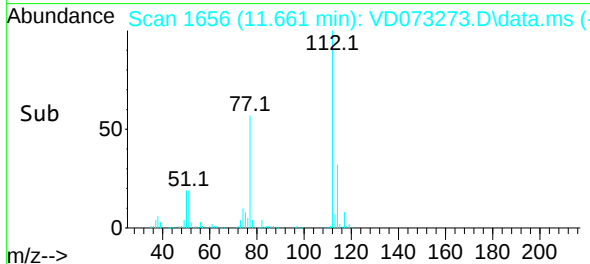
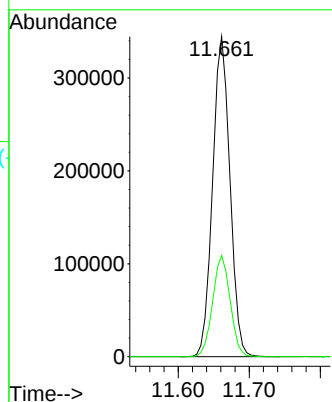
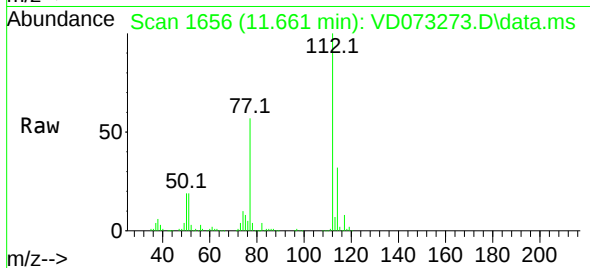
VSTDCCC050

Tgt Ion:112 Resp: 583183

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.911 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

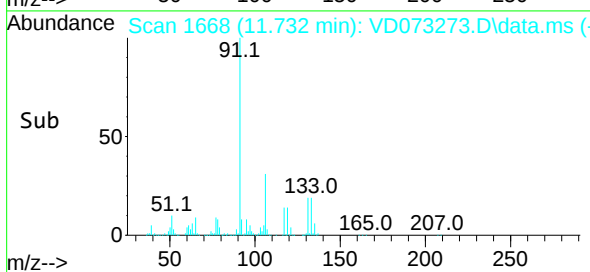
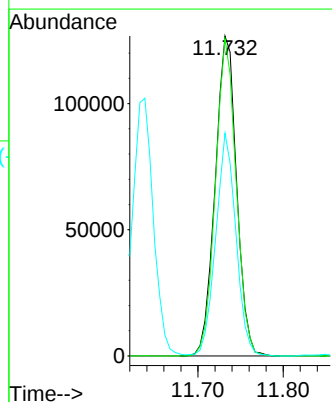
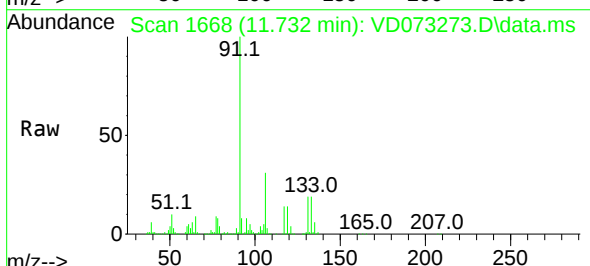
Tgt Ion:131 Resp: 221147

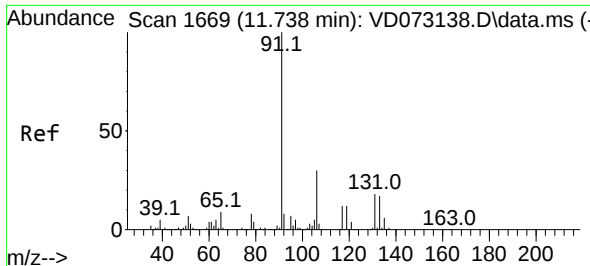
Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.3

119 65.7 31.9 95.9

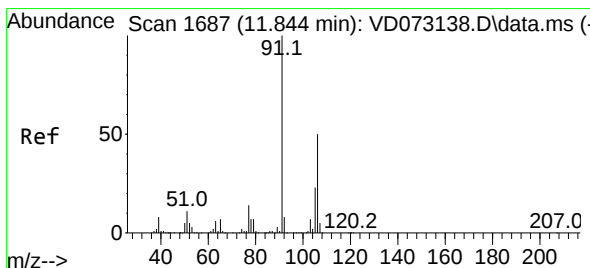
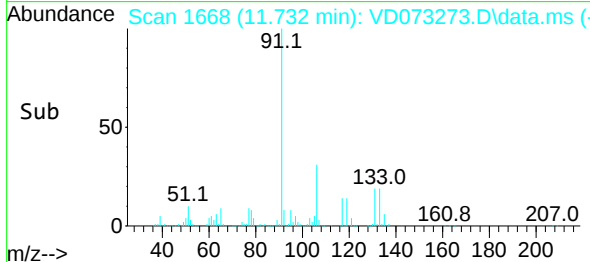
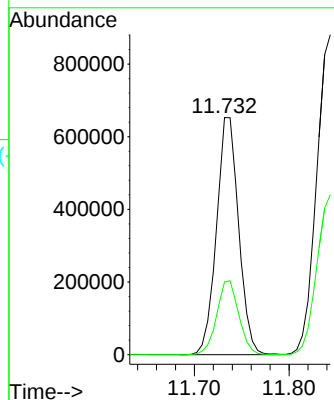
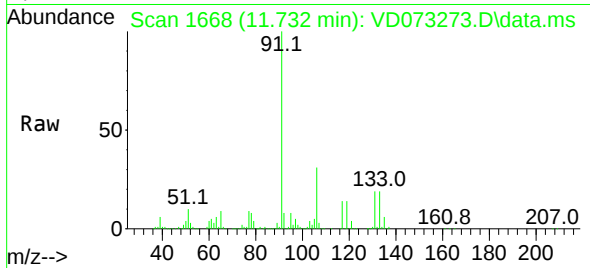




#67
Ethyl Benzene
Concen: 52.691 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

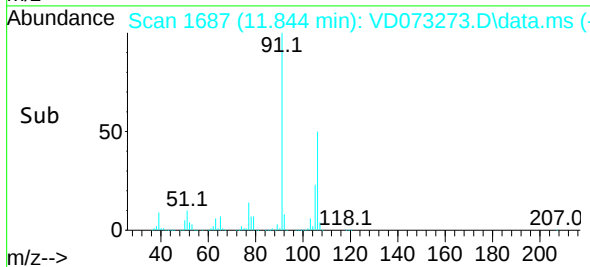
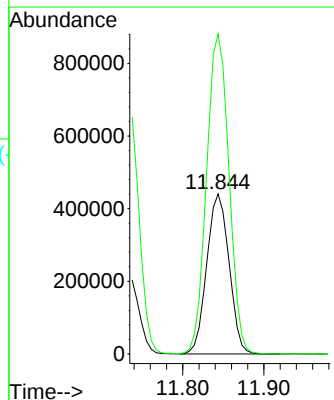
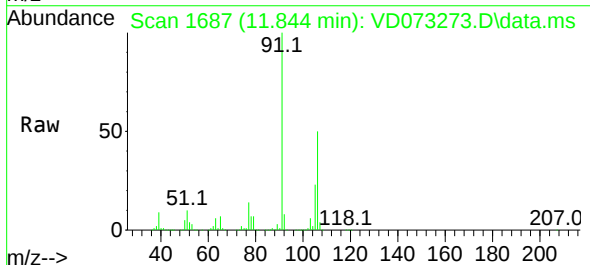
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

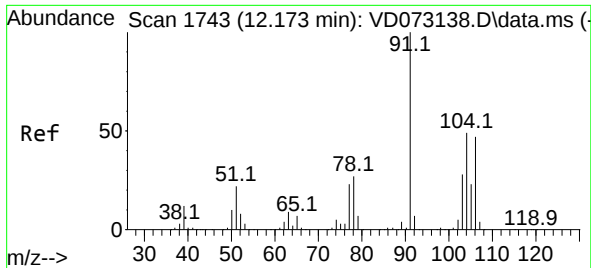
Tgt Ion: 91 Resp: 1062504
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4



#68
m/p-Xylenes
Concen: 107.197 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion:106 Resp: 839818
Ion Ratio Lower Upper
106 100
91 201.3 163.7 245.5

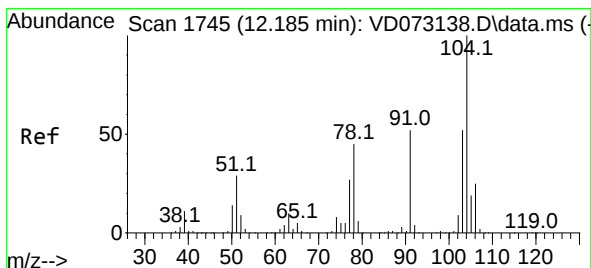
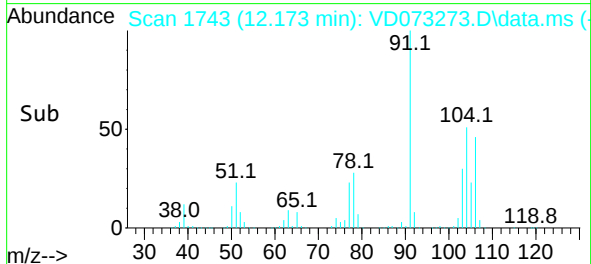
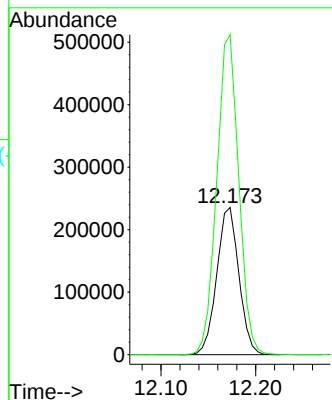
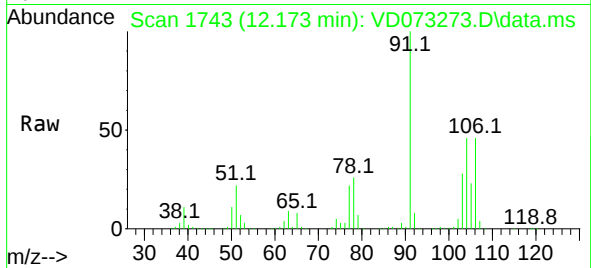




#69
o-Xylene
Concen: 53.230 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

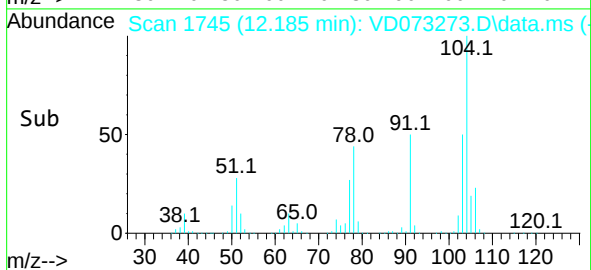
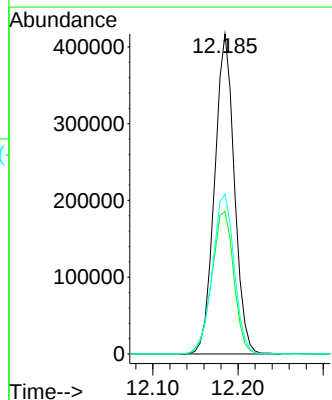
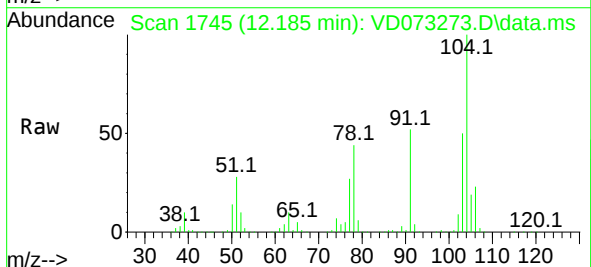
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

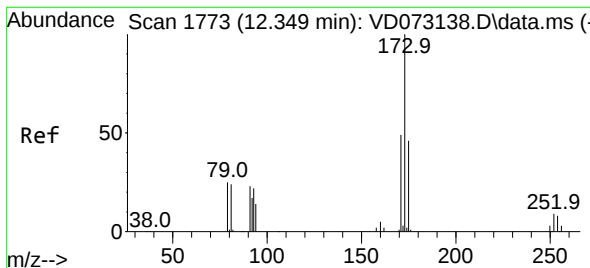
Tgt Ion:106 Resp: 383102
Ion Ratio Lower Upper
106 100
91 216.5 110.4 331.2



#70
Styrene
Concen: 54.155 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion:104 Resp: 670569
Ion Ratio Lower Upper
104 100
78 49.8 41.8 62.8
103 55.1 44.2 66.4





#71

Bromoform

Concen: 53.843 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

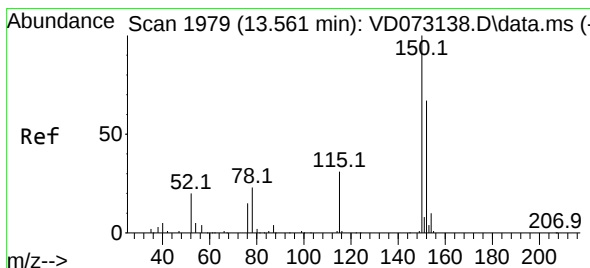
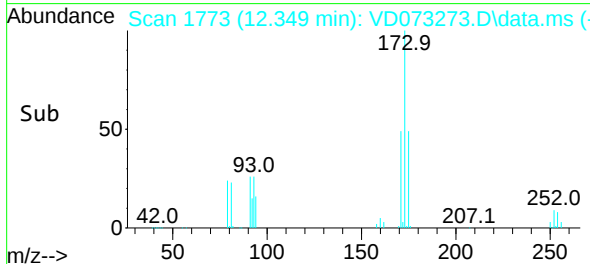
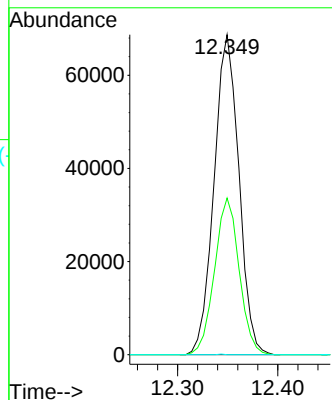
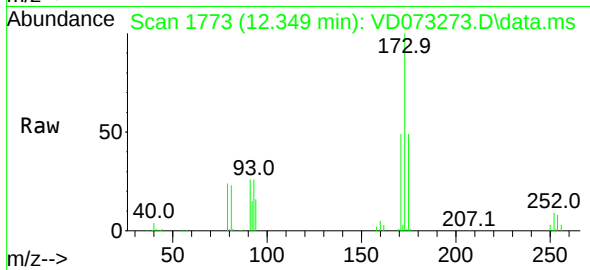
Tgt Ion:173 Resp: 118054

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.8

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

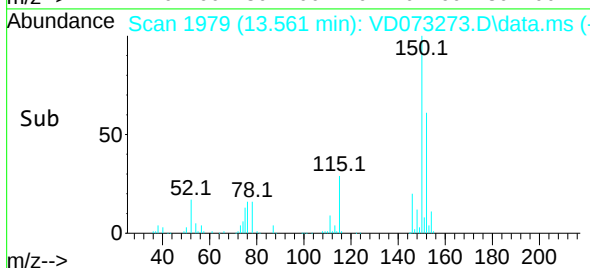
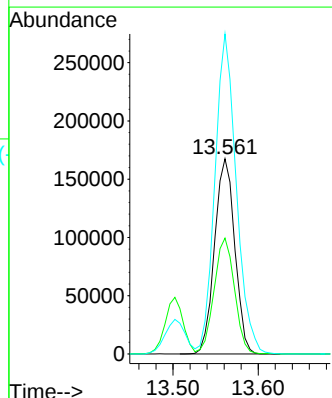
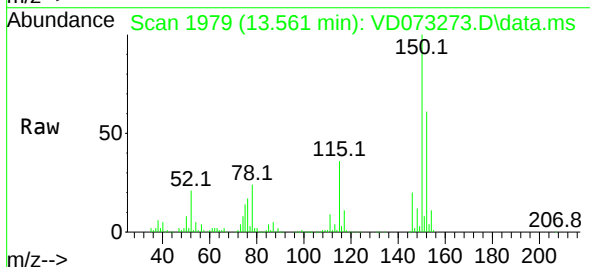
Tgt Ion:152 Resp: 276844

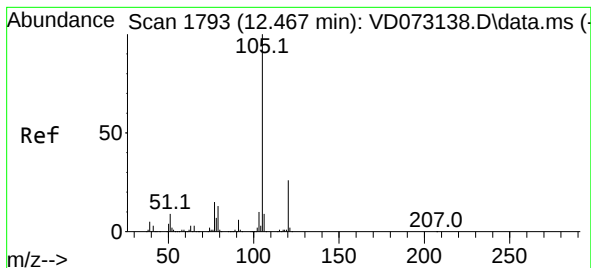
Ion Ratio Lower Upper

152 100

115 60.0 31.3 93.8

150 173.4 0.0 348.6





#73

Isopropylbenzene

Concen: 52.603 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

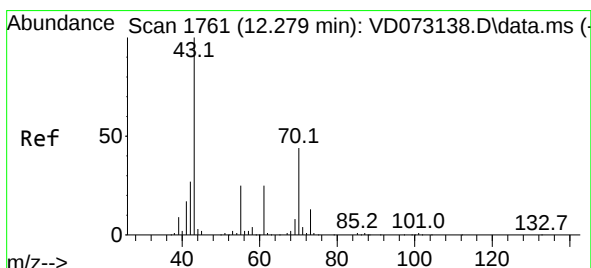
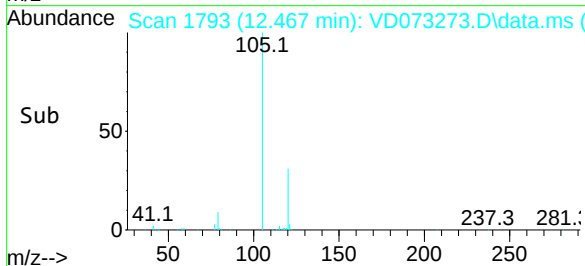
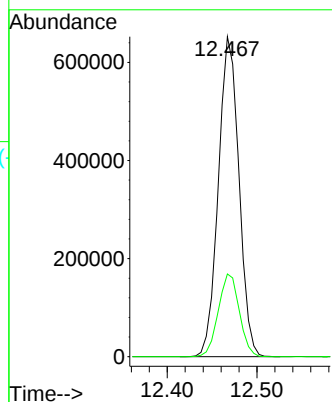
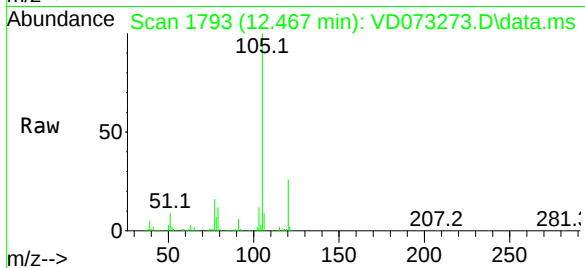
VSTDCCC050

Tgt Ion:105 Resp: 1038181

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#74

N-ethyl acetate

Concen: 51.861 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Tgt Ion: 43 Resp: 223284

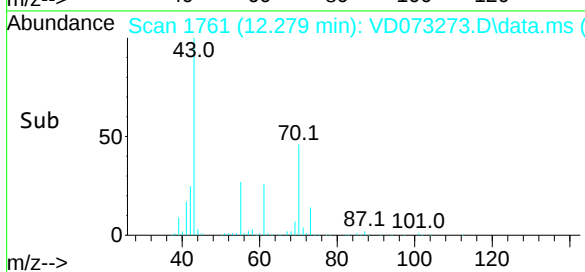
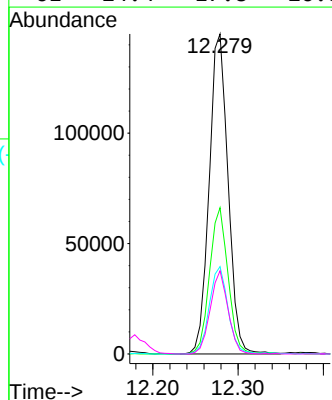
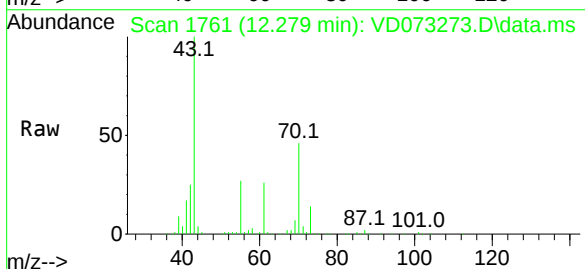
Ion Ratio Lower Upper

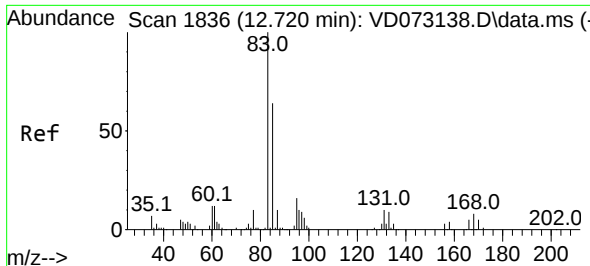
43 100

70 44.6 31.3 46.9

55 27.0 20.0 30.0

61 24.4 17.8 26.8

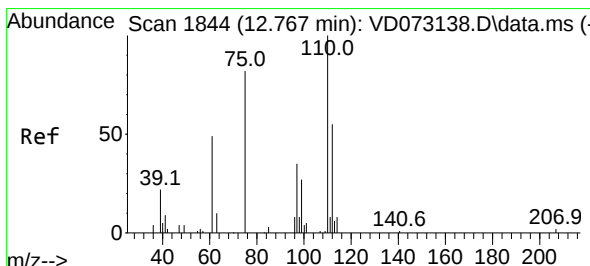
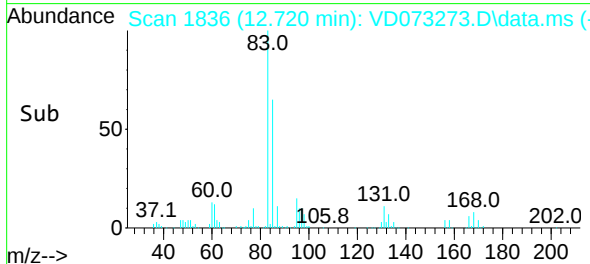
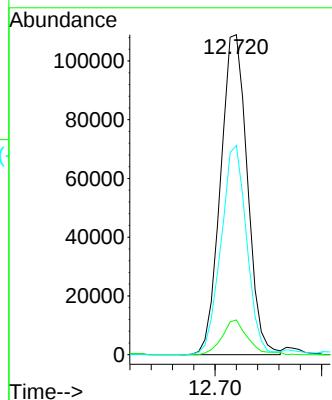
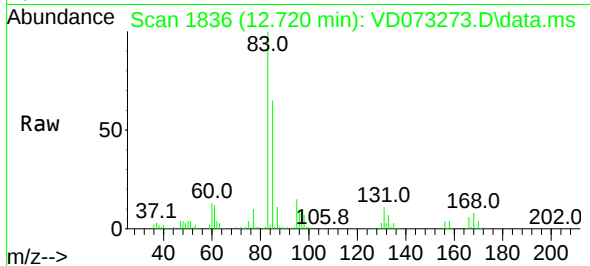




#75
1,1,2,2-Tetrachloroethane
Concen: 52.285 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

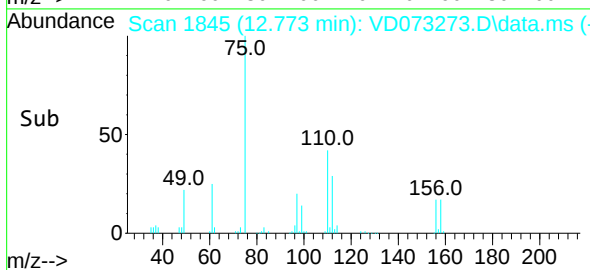
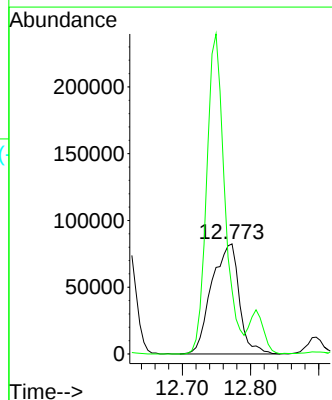
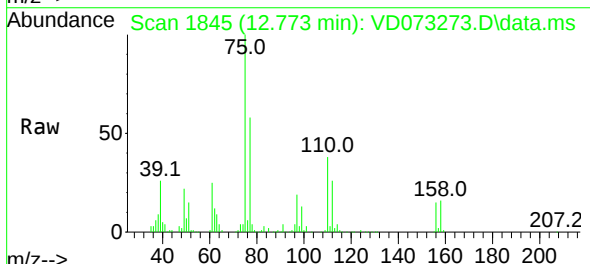
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

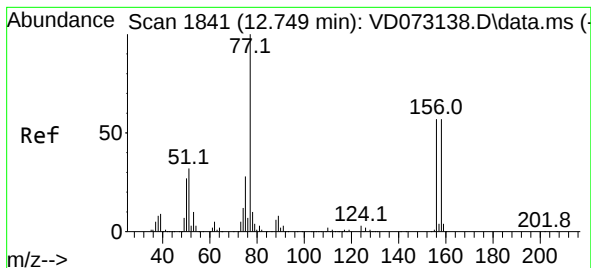
Tgt Ion: 83 Resp: 190314
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 62.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 85.513 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 75 Resp: 232280
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.784 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

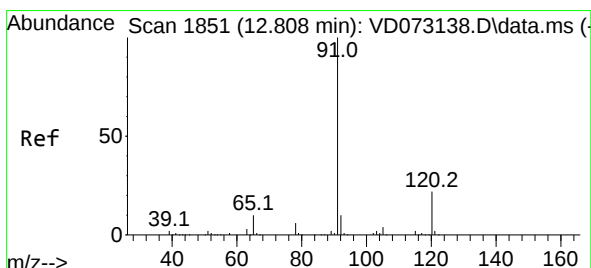
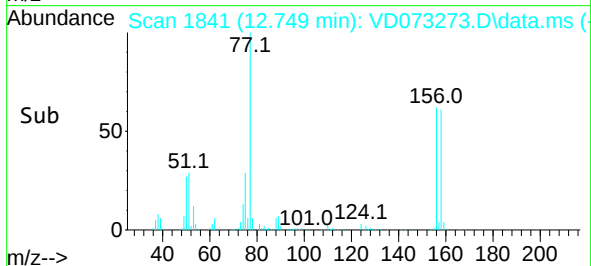
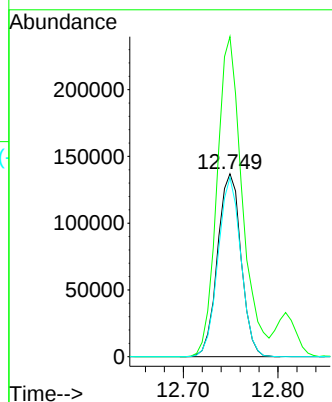
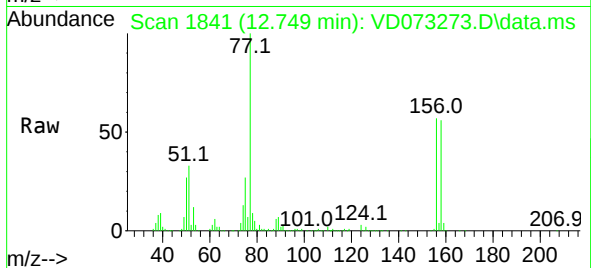
Tgt Ion:156 Resp: 235934

Ion Ratio Lower Upper

156 100

77 188.1 102.8 308.3

158 95.3 48.7 146.1



#78

n-propylbenzene

Concen: 52.673 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073273.D

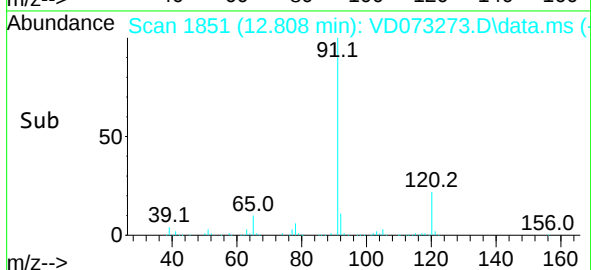
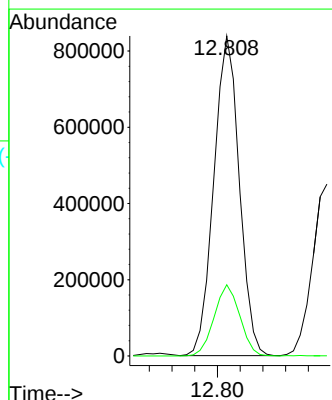
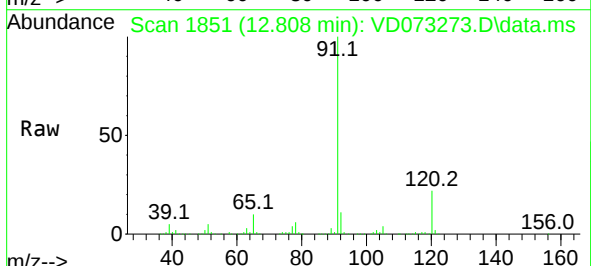
Acq: 23 May 2022 09:56

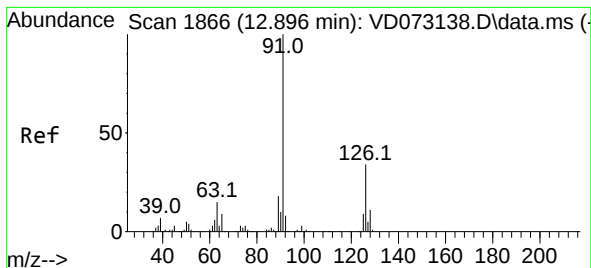
Tgt Ion: 91 Resp: 1305087

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 51.186 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073273.D

Acq: 23 May 2022 09:56

Instrument :

MSVOA_D

ClientSampleId :

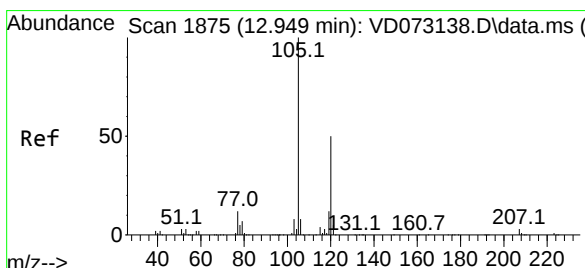
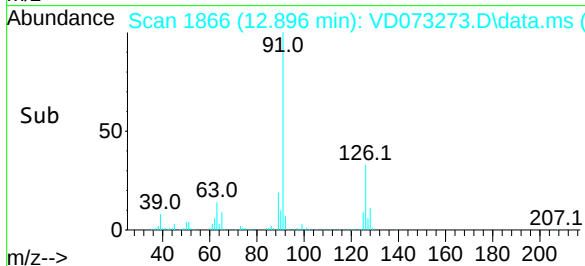
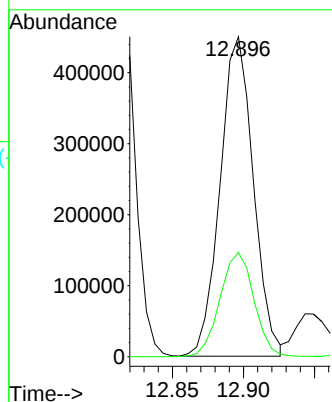
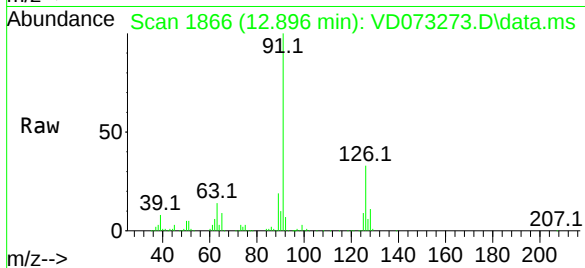
VSTDCCC050

Tgt Ion: 91 Resp: 732262

Ion Ratio Lower Upper

91 100

126 33.3 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 53.028 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073273.D

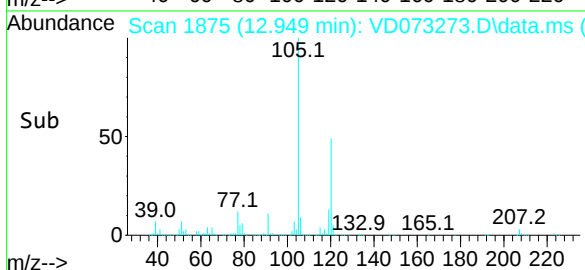
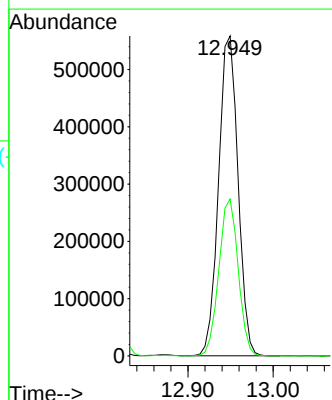
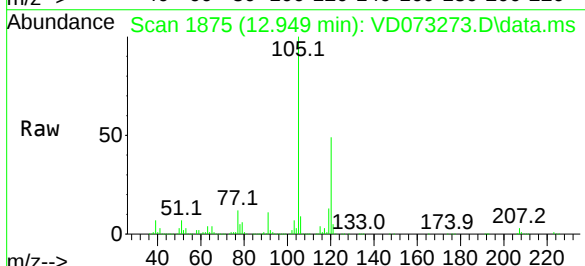
Acq: 23 May 2022 09:56

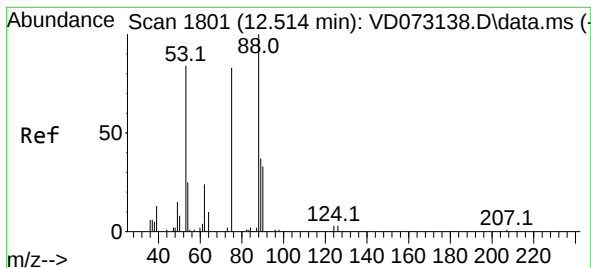
Tgt Ion: 105 Resp: 886541

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

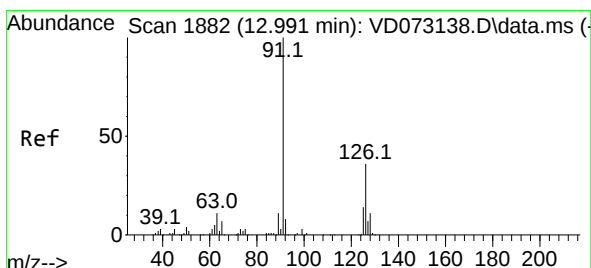
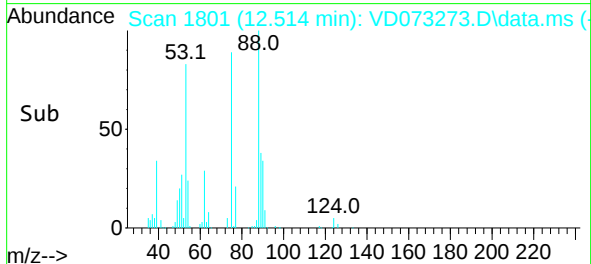
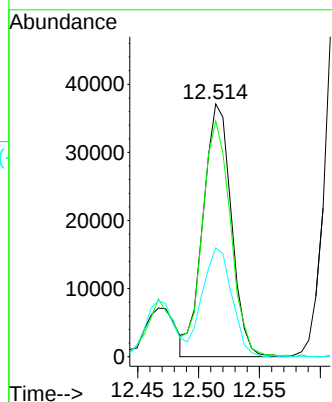
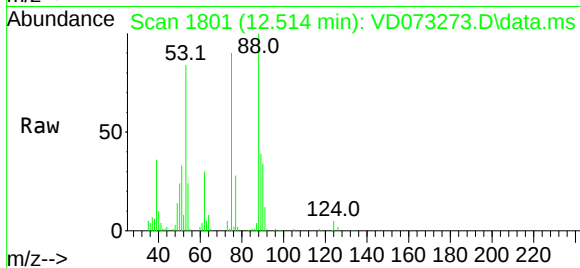




#81
trans-1,4-Dichloro-2-butene
Concen: 53.059 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

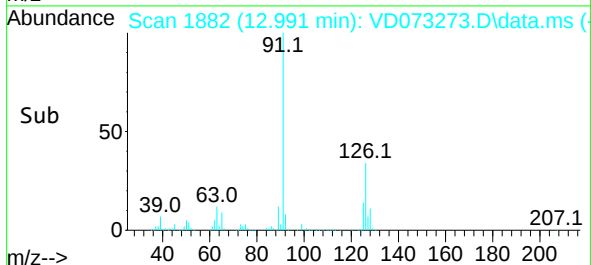
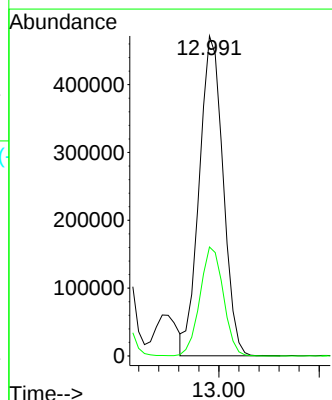
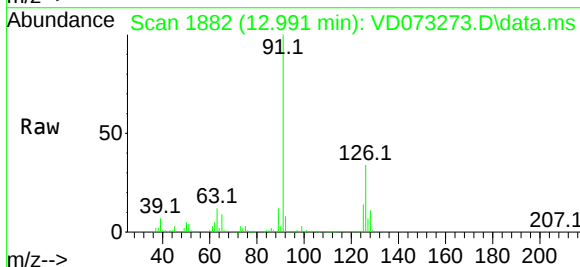
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

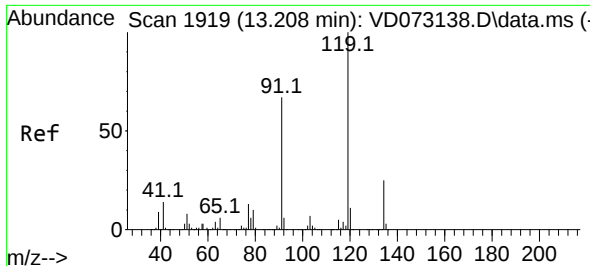
Tgt Ion: 75 Resp: 60035
Ion Ratio Lower Upper
75 100
53 93.5 86.5 129.7
89 44.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.811 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 91 Resp: 776902
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5

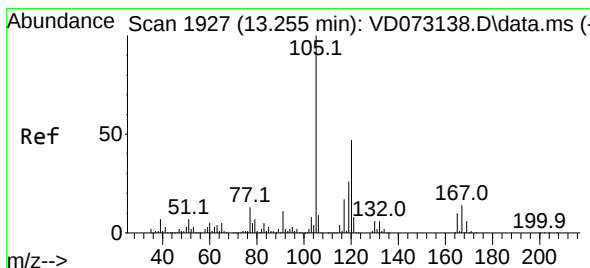
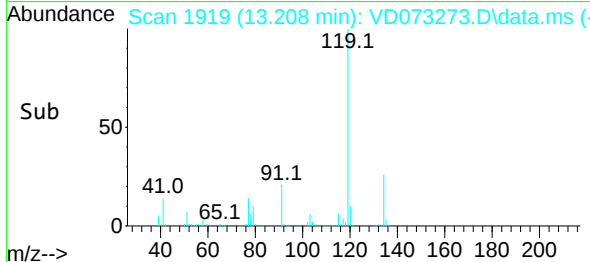
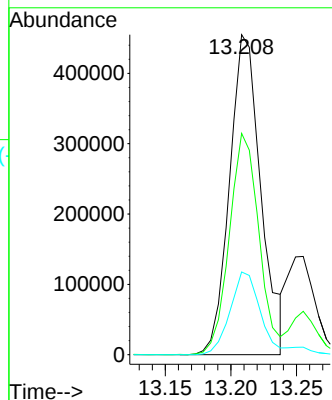
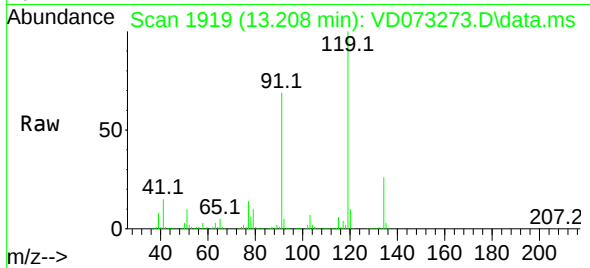




#83
 tert-Butylbenzene
 Concen: 53.780 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

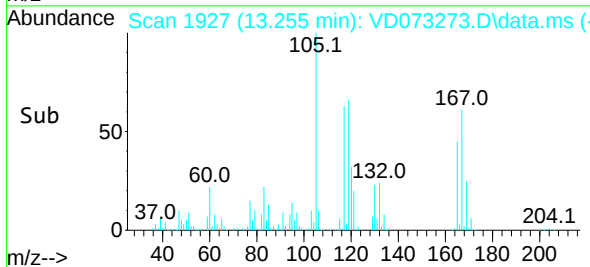
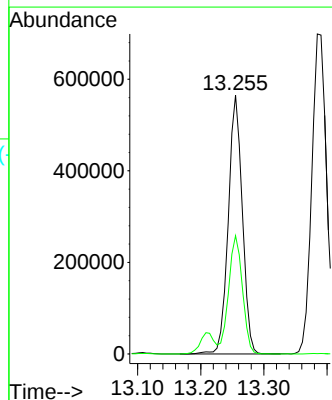
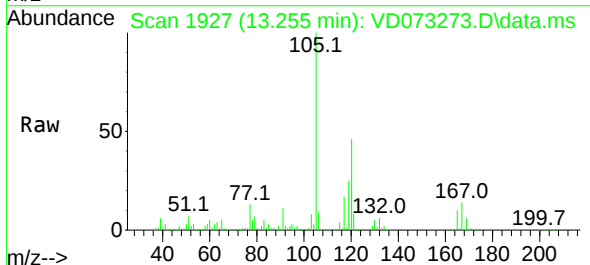
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

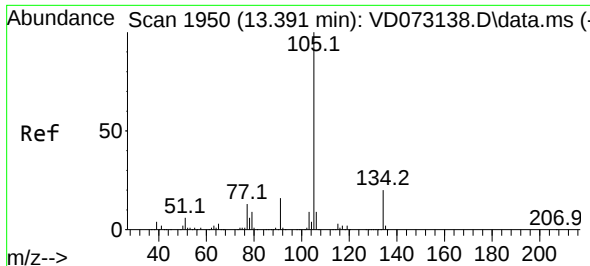
Tgt Ion:119 Resp: 757768
 Ion Ratio Lower Upper
 119 100
 91 65.3 34.8 104.5
 134 26.4 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.781 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

Tgt Ion:105 Resp: 871736
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8

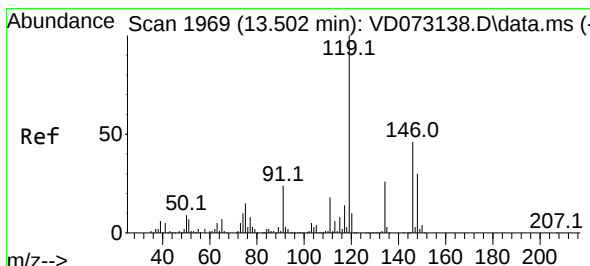
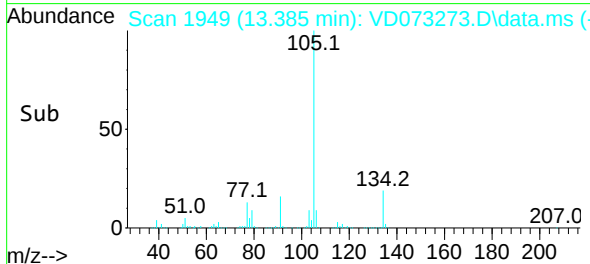
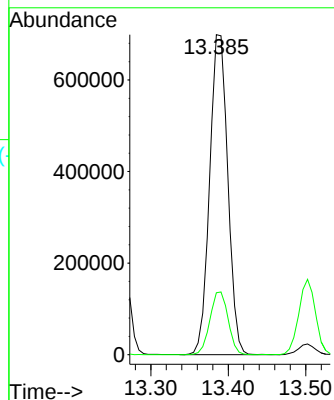
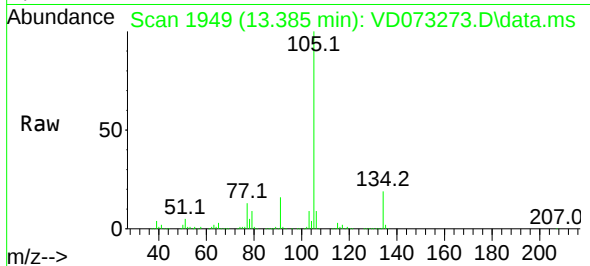




#85
 sec-Butylbenzene
 Concen: 52.886 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

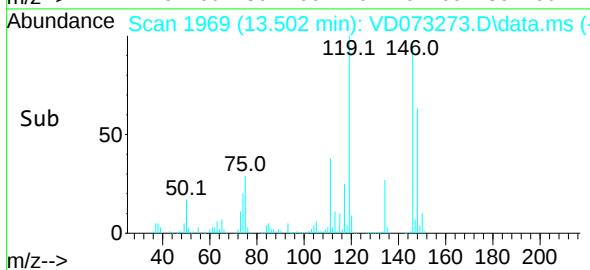
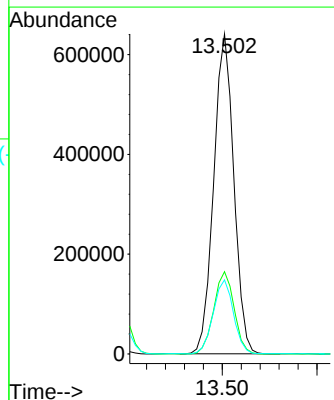
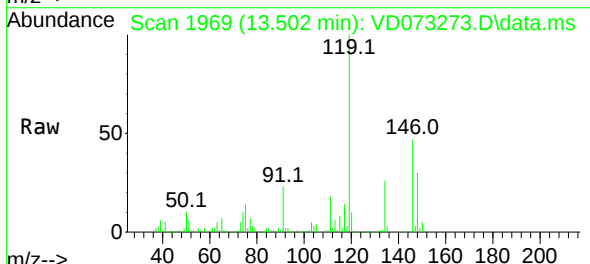
Instrument :
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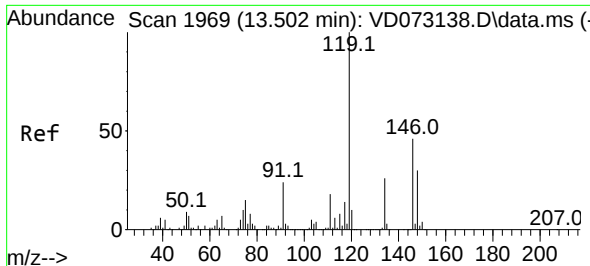
Tgt Ion:105 Resp: 1137818
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 53.933 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

Tgt Ion:119 Resp: 945863
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 23.3 12.1 36.3

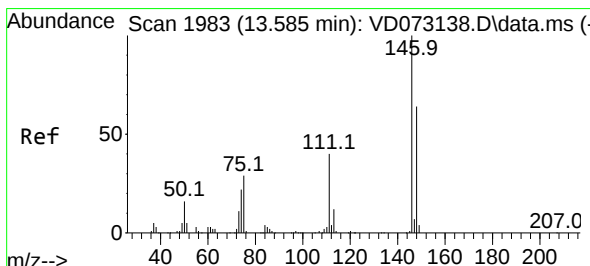
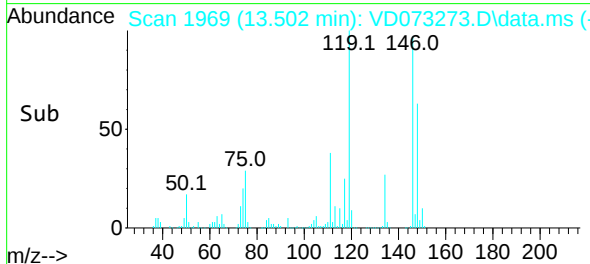
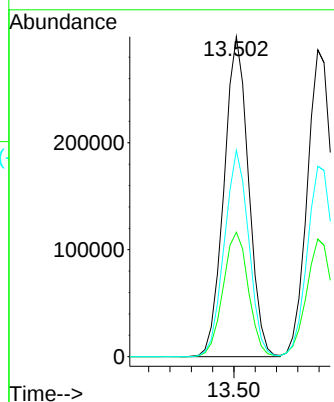
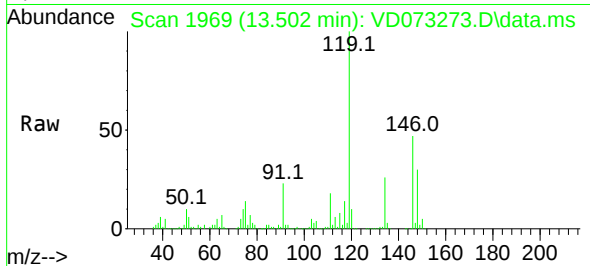




#87
1,3-Dichlorobenzene
Concen: 51.055 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

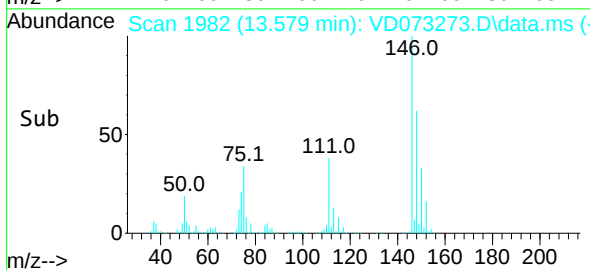
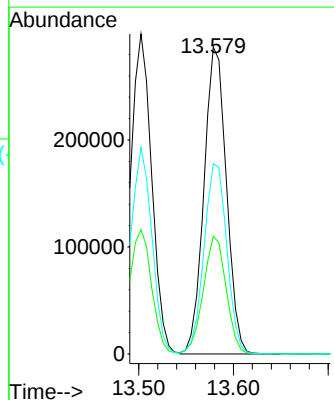
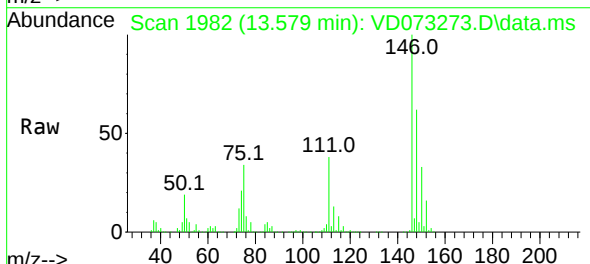
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

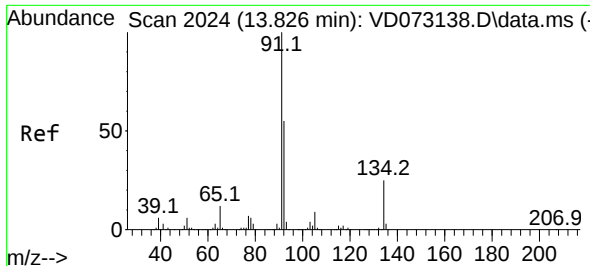
Tgt Ion:146 Resp: 478100
Ion Ratio Lower Upper
146 100
111 40.2 20.4 61.3
148 64.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.966 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion:146 Resp: 472324
Ion Ratio Lower Upper
146 100
111 39.0 20.3 60.9
148 63.2 31.7 95.1

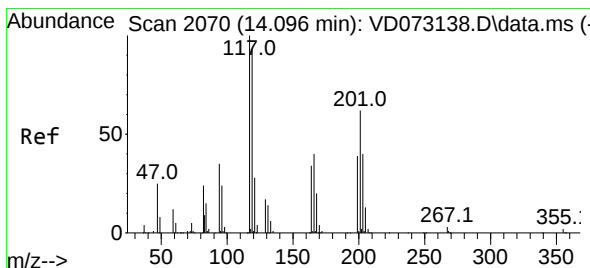
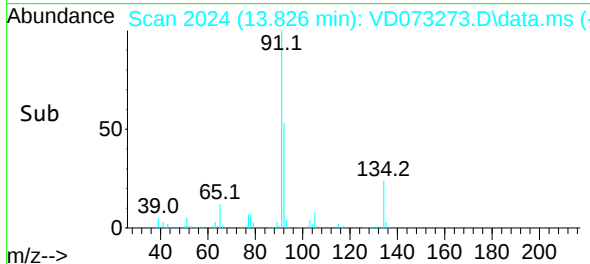
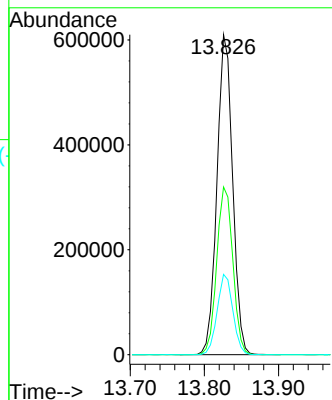
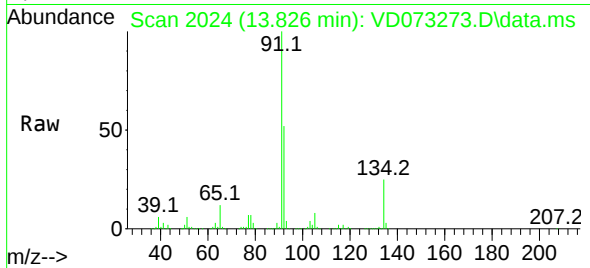




#89
n-Butylbenzene
Concen: 53.579 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

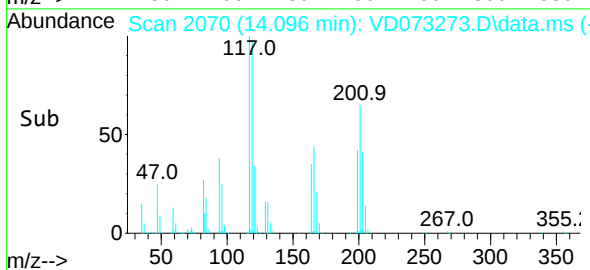
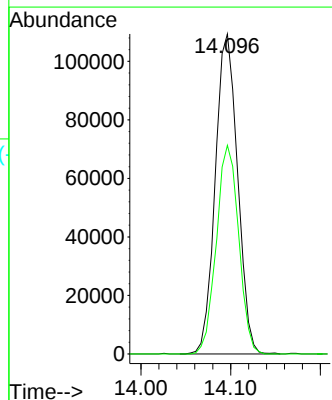
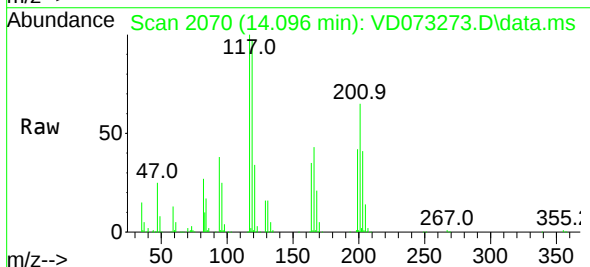
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

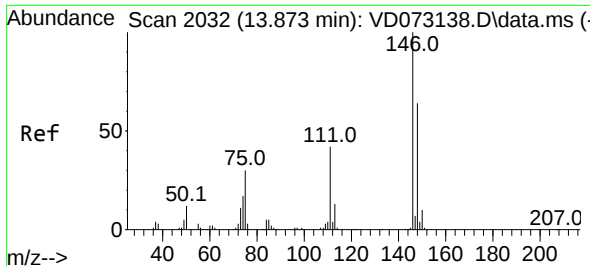
Tgt Ion: 91 Resp: 895315
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 52.019 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 117 Resp: 188771
Ion Ratio Lower Upper
117 100
201 65.2 33.4 100.2

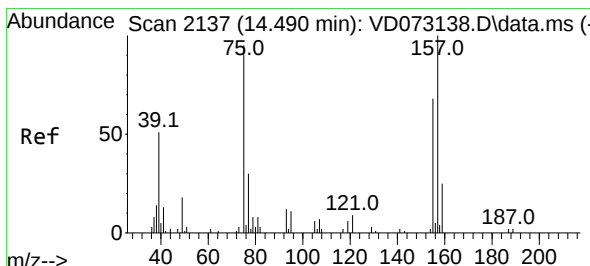
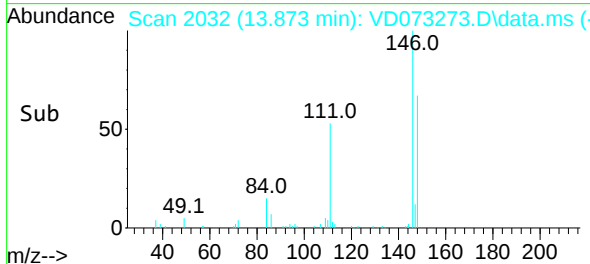
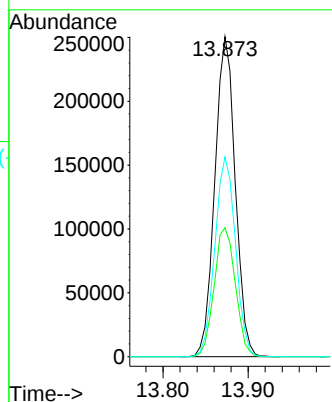
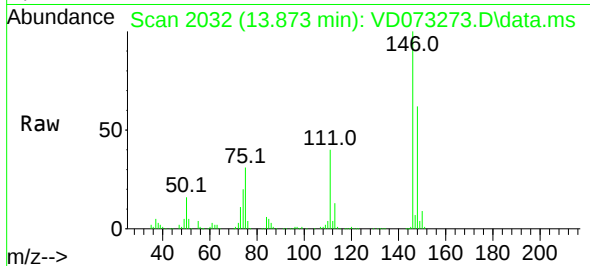




#91
1,2-Dichlorobenzene
Concen: 51.573 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

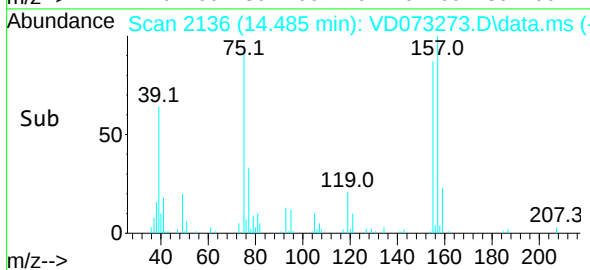
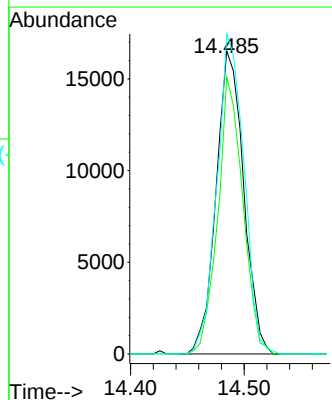
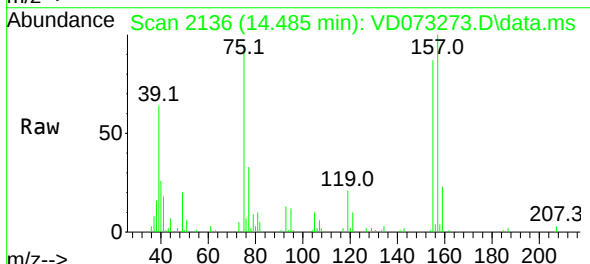
Instrument :
MSVOA_D
ClientSampleId :
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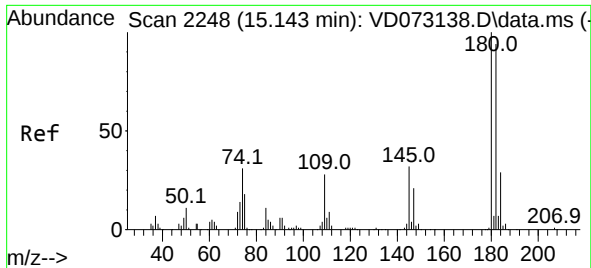
Tgt Ion:146 Resp: 417862
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 63.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.033 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion: 75 Resp: 27889
Ion Ratio Lower Upper
75 100
155 82.7 36.8 110.3
157 103.2 48.4 145.0

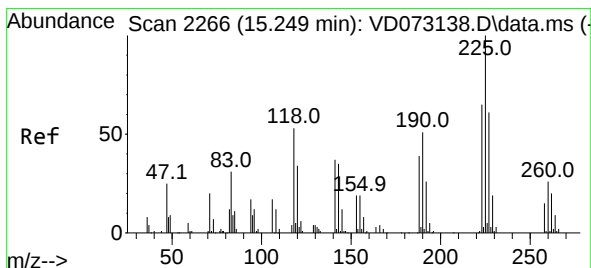
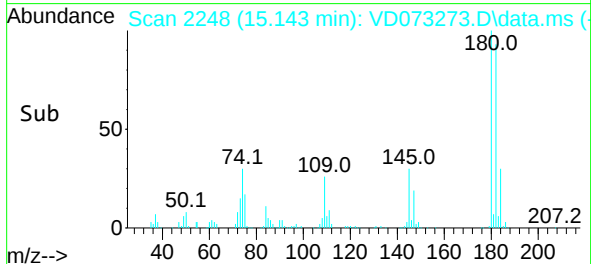
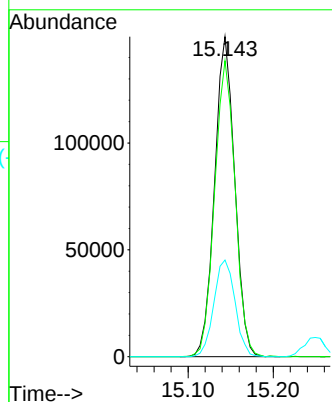
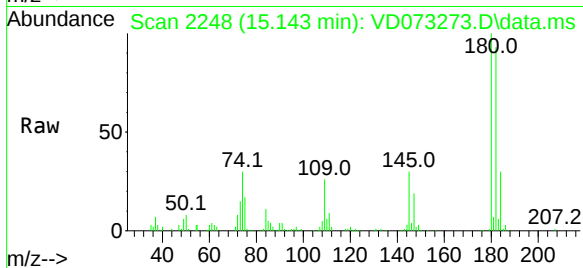




#93
 1,2,4-Trichlorobenzene
 Concen: 53.451 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

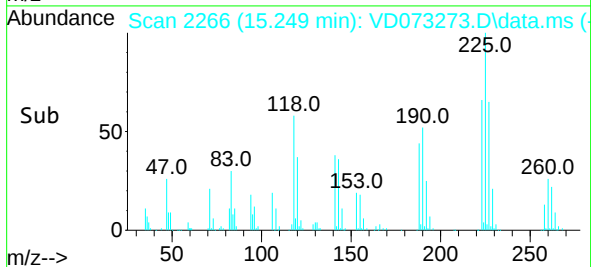
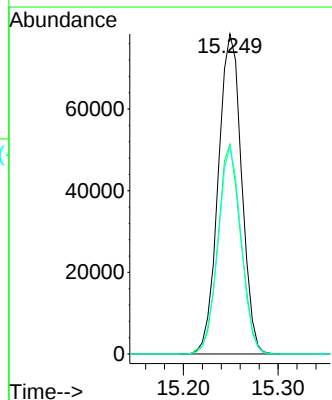
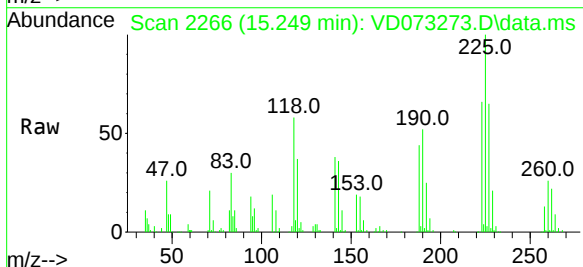
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

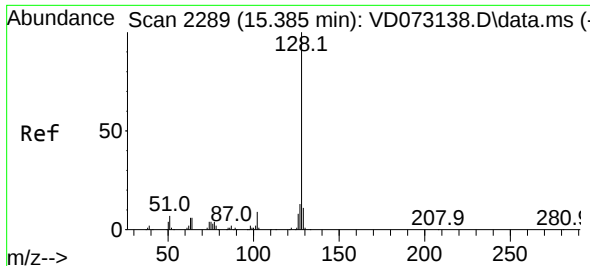
Tgt Ion:180 Resp: 245874
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 142.0
 145 31.8 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 51.896 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073273.D
 Acq: 23 May 2022 09:56

Tgt Ion:225 Resp: 134520
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.1 93.2
 227 64.0 32.4 97.0

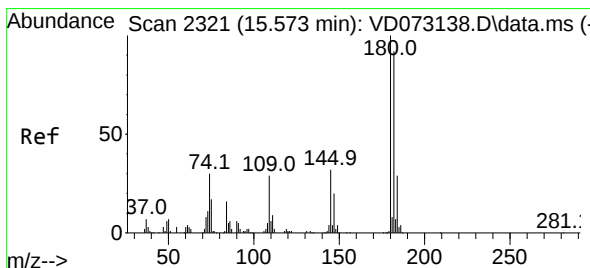
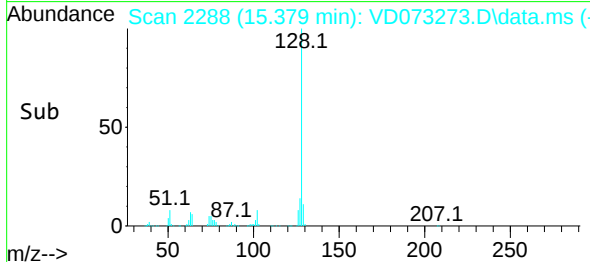
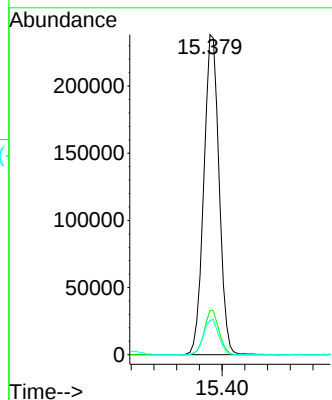
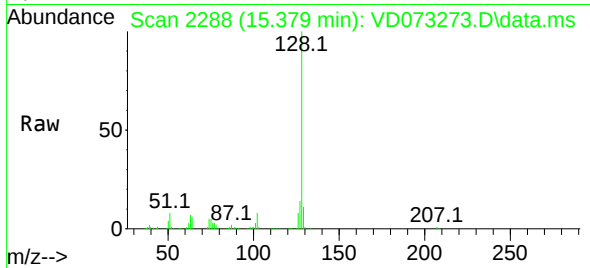




#95
Naphthalene
Concen: 48.968 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 442911
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.898 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073273.D
Acq: 23 May 2022 09:56

Tgt Ion:180 Resp: 215718
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.9
145 35.1 17.1 51.3

