

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072842.D
 Acq On : 06 May 2022 07:58
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 06 09:57:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	326225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	609197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	581168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258481	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	230546	54.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.880%	
35) Dibromofluoromethane	7.908	113	203574	47.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.160%	
50) Toluene-d8	10.332	98	718615	46.824	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.640%	
62) 4-Bromofluorobenzene	12.620	95	268781	46.969	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	201542	44.708	ug/l	99
3) Chloromethane	2.209	50	256263	54.662	ug/l	97
4) Vinyl Chloride	2.344	62	234194	55.671	ug/l	98
5) Bromomethane	2.762	94	152103	59.061	ug/l	91
6) Chloroethane	2.915	64	148839	56.769	ug/l	99
7) Trichlorofluoromethane	3.267	101	369405	50.147	ug/l	97
8) Diethyl Ether	3.709	74	118364	56.047	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	212528	48.596	ug/l	99
10) Methyl Iodide	4.297	142	224145	51.070	ug/l	100
11) Tert butyl alcohol	5.220	59	102808	280.601	ug/l	96
12) 1,1-Dichloroethene	4.062	96	205208	52.167	ug/l	96
13) Acrolein	3.920	56	55582	216.303	ug/l	98
14) Allyl chloride	4.709	41	379687	59.786	ug/l	98
15) Acrylonitrile	5.420	53	277573	276.560	ug/l	98
16) Acetone	4.150	43	213642	270.698	ug/l	94
17) Carbon Disulfide	4.403	76	618392	49.997	ug/l	99
18) Methyl Acetate	4.709	43	130324	56.589	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	573046	60.767	ug/l	95
20) Methylene Chloride	4.962	84	289029	58.079	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	250235	55.467	ug/l	97
22) Diisopropyl ether	6.361	45	847192	60.641	ug/l	95
23) Vinyl Acetate	6.303	43	2350582	304.577	ug/l	96
24) 1,1-Dichloroethane	6.261	63	481384	57.352	ug/l	98
25) 2-Butanone	7.208	43	344597	279.287	ug/l	96
26) 2,2-Dichloropropane	7.203	77	351345	49.514	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	291484	56.412	ug/l	96
28) Bromochloromethane	7.538	49	187674	59.959	ug/l	91
29) Tetrahydrofuran	7.556	42	226753	288.322	ug/l	97
30) Chloroform	7.703	83	502398	56.568	ug/l	99
31) Cyclohexane	7.979	56	360334	48.677	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	430222	56.838	ug/l	98
36) 1,1-Dichloropropene	8.108	75	351057	50.462	ug/l	98
37) Ethyl Acetate	7.291	43	168395	52.655	ug/l	99
38) Carbon Tetrachloride	8.091	117	354916	49.146	ug/l	99
39) Methylcyclohexane	9.350	83	380066	47.099	ug/l	99
40) Benzene	8.344	78	1030389	51.288	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	100858	52.964	ug/l	95
42) 1,2-Dichloroethane	8.420	62	322344	53.244	ug/l	99
43) Isopropyl Acetate	8.444	43	320278	54.259	ug/l	97
44) Trichloroethene	9.108	130	263593	49.042	ug/l	99
45) 1,2-Dichloropropane	9.379	63	271481	51.455	ug/l	93
46) Dibromomethane	9.467	93	145059	49.842	ug/l	99
47) Bromodichloromethane	9.655	83	387029	51.693	ug/l	98
48) Methyl methacrylate	9.450	41	169054	58.542	ug/l	93
49) 1,4-Dioxane	9.455	88	31455	959.763	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	830124	270.637	ug/l	97
52) Toluene	10.397	92	653377	52.135	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	341785	49.699	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	399043	49.944	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	202626	51.500	ug/l	98
56) Ethyl methacrylate	10.655	69	263123	56.800	ug/l	94
57) 1,3-Dichloropropane	10.938	76	346189	51.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	623343	277.535	ug/l	99
59) 2-Hexanone	10.973	43	573875	278.049	ug/l	100
60) Dibromochloromethane	11.132	129	242904	49.043	ug/l	99
61) 1,2-Dibromoethane	11.238	107	188937	49.337	ug/l	97
64) Tetrachloroethene	10.867	164	196591	46.267	ug/l	87
65) Chlorobenzene	11.661	112	683126	50.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	260321	51.531	ug/l	99
67) Ethyl Benzene	11.738	91	1256041	53.993	ug/l	100
68) m/p-Xylenes	11.844	106	946978	105.678	ug/l	99
69) o-Xylene	12.167	106	452197	54.032	ug/l	100
70) Styrene	12.185	104	781534	53.899	ug/l	100
71) Bromoform	12.349	173	131541	48.045	ug/l #	98
73) Isopropylbenzene	12.467	105	1205262	59.932	ug/l	99
74) N-amyl acetate	12.279	43	323643	64.623	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	222235	54.744	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	277290	96.207	ug/l #	100
77) Bromobenzene	12.749	156	262740	55.018	ug/l	98
78) n-propylbenzene	12.808	91	1441759	56.883	ug/l	99
79) 2-Chlorotoluene	12.896	91	849988	57.408	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1002255	58.775	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	60987	48.659	ug/l	98
82) 4-Chlorotoluene	12.991	91	868305	56.129	ug/l	98
83) tert-Butylbenzene	13.208	119	867250	59.821	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	972303	57.043	ug/l	99
85) sec-Butylbenzene	13.385	105	1245533	56.963	ug/l	99
86) p-Isopropyltoluene	13.502	119	1010521	56.367	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	512240	53.246	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	501461	52.343	ug/l	99
89) n-Butylbenzene	13.826	91	943477	54.327	ug/l	99
90) Hexachloroethane	14.096	117	203053	55.288	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	447606	53.387	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	35190	54.684	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	264068	53.182	ug/l	98
94) Hexachlorobutadiene	15.249	225	126734	46.735	ug/l	97
95) Naphthalene	15.379	128	537959	58.927	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	227573	51.703	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

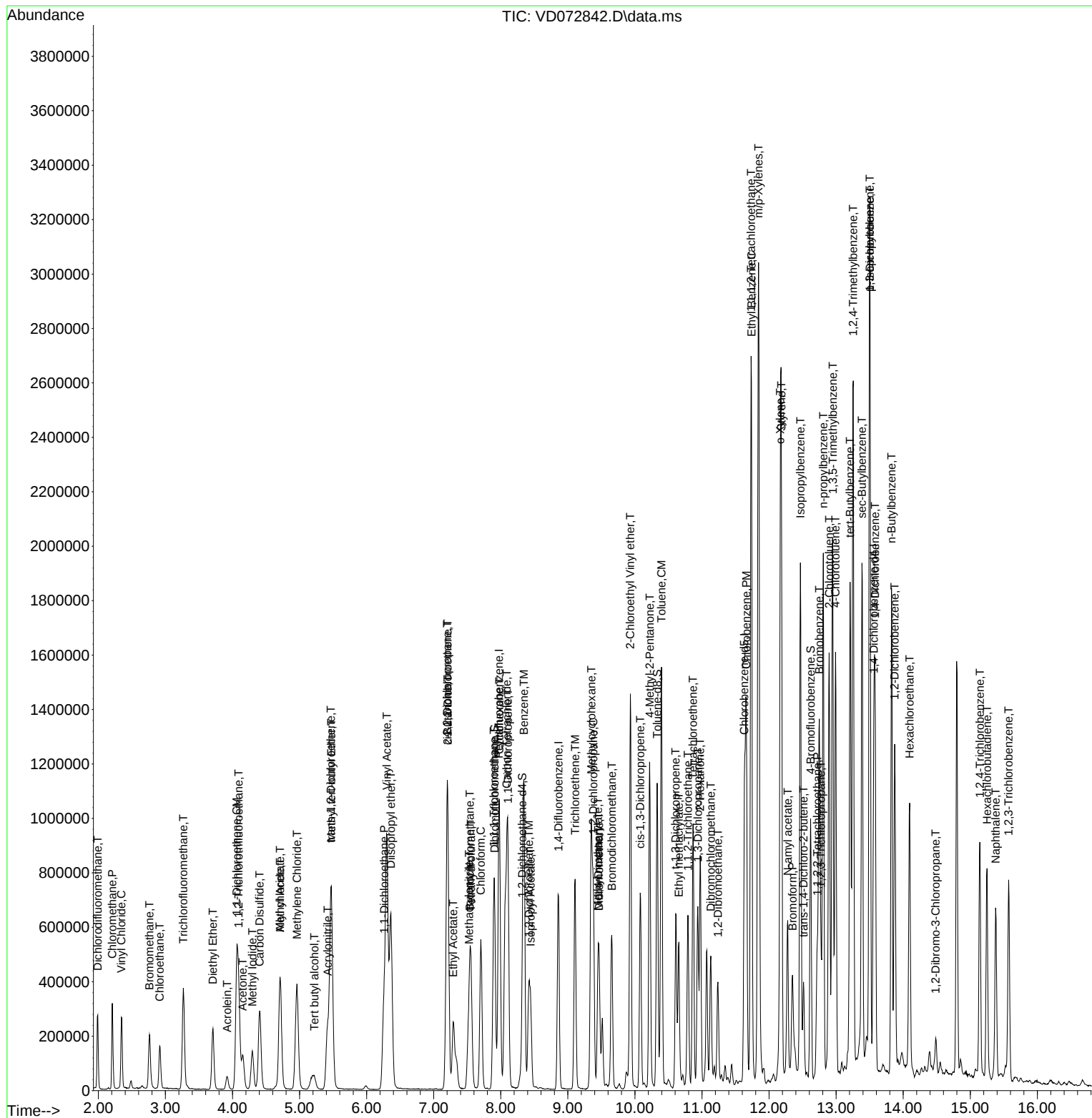
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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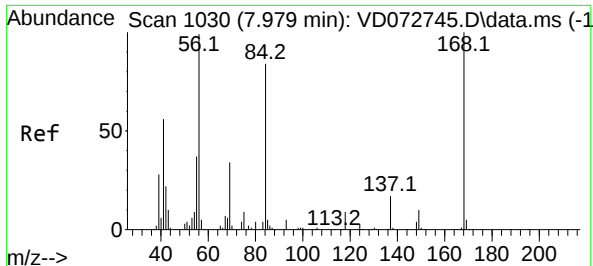
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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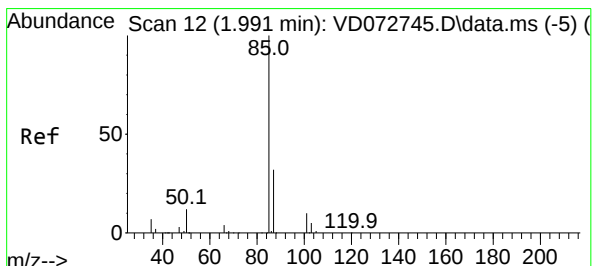
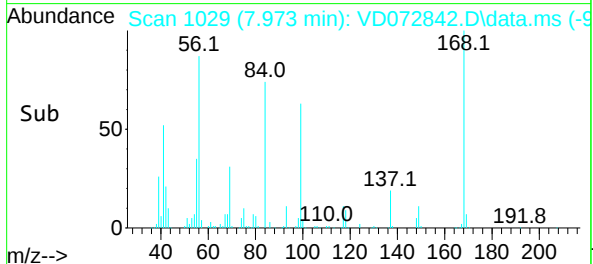
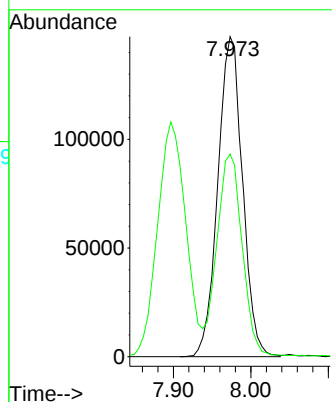
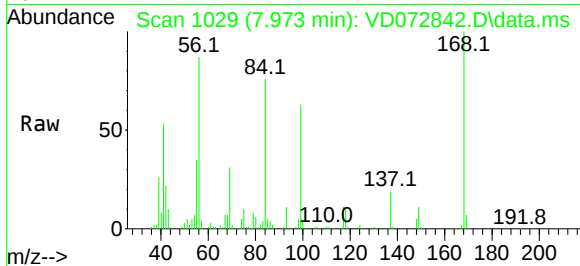




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
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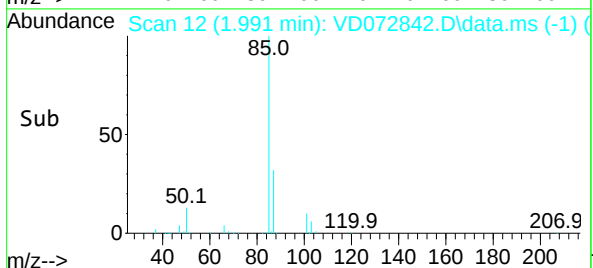
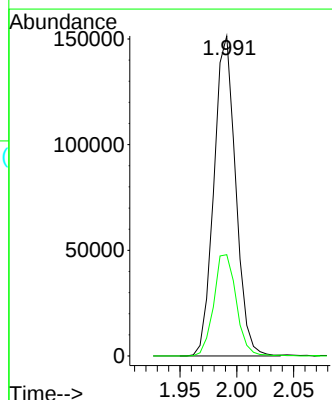
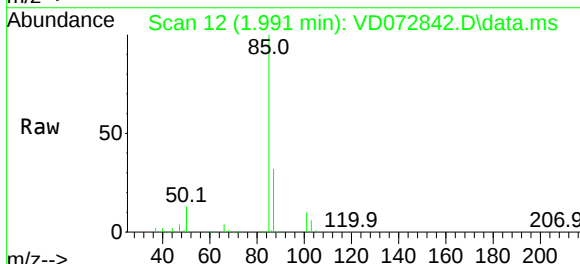
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

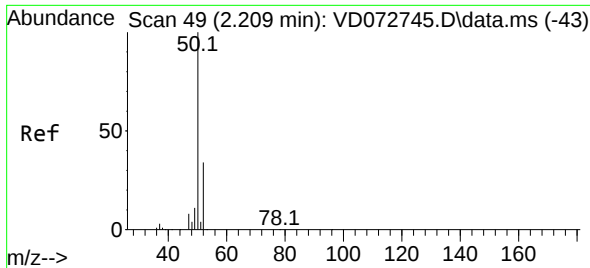
Tgt Ion:168 Resp: 326225
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 44.708 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 85 Resp: 201542
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0

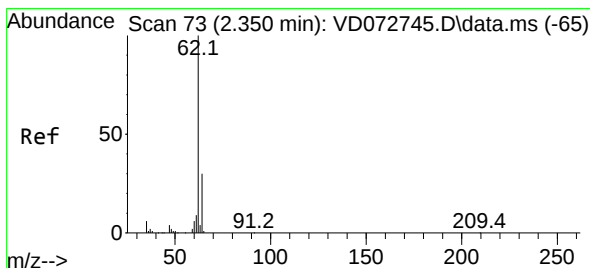
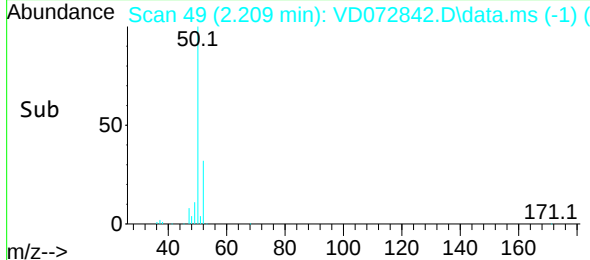
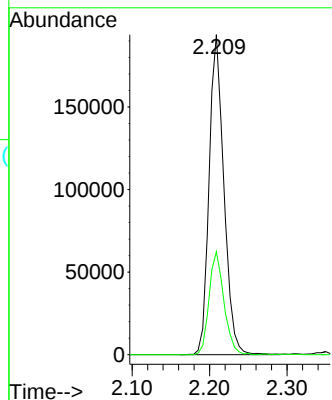
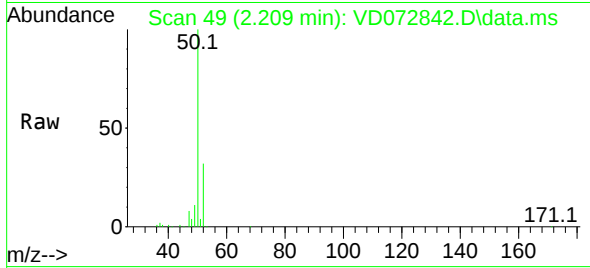




#3
Chloromethane
Concen: 54.662 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

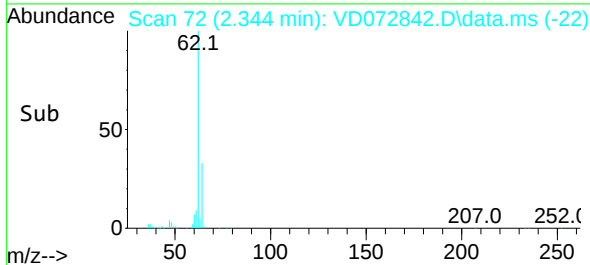
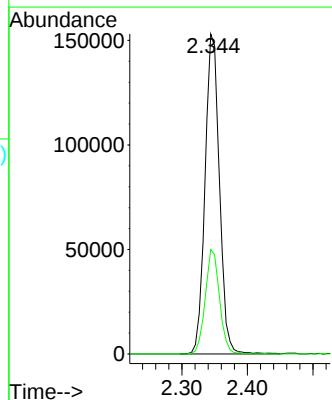
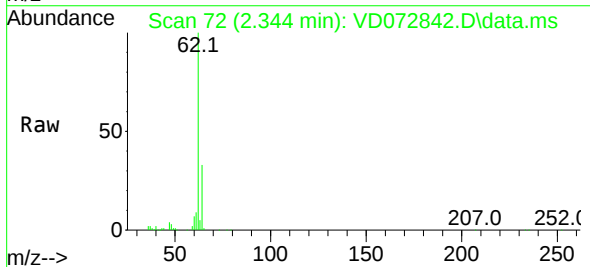
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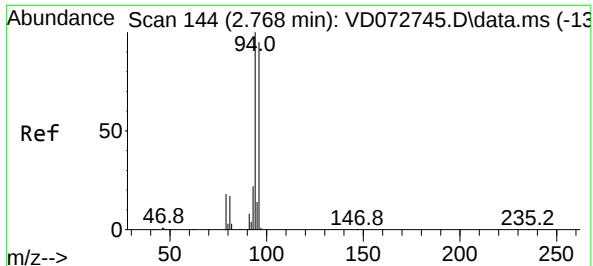
Tgt Ion: 50 Resp: 256263
Ion Ratio Lower Upper
50 100
52 32.2 27.4 41.0



#4
Vinyl Chloride
Concen: 55.671 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 62 Resp: 234194
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0

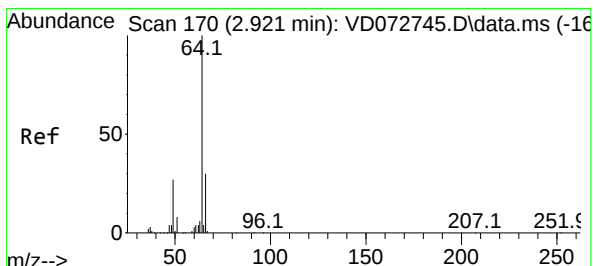
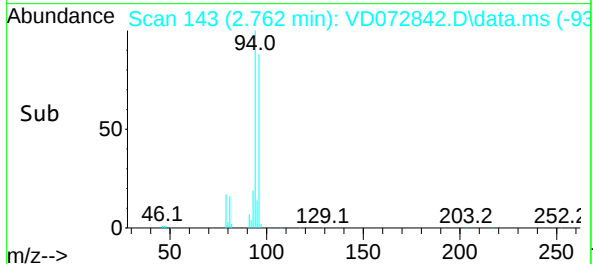
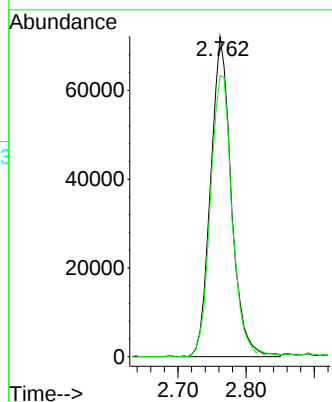
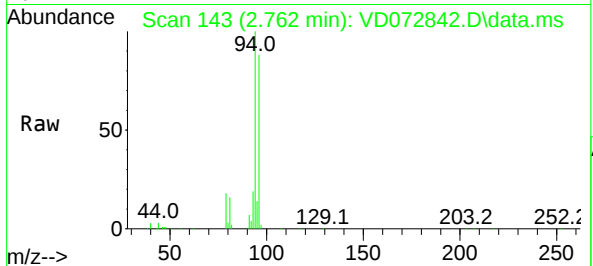




#5
Bromomethane
Concen: 59.061 ug/l
RT: 2.762 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD072842.D
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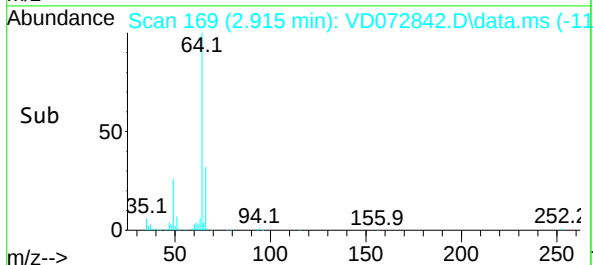
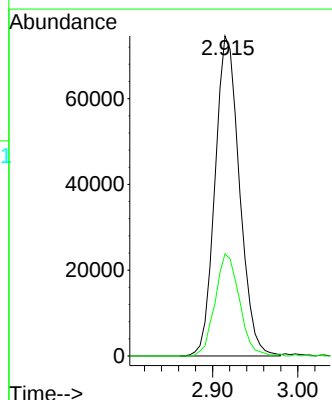
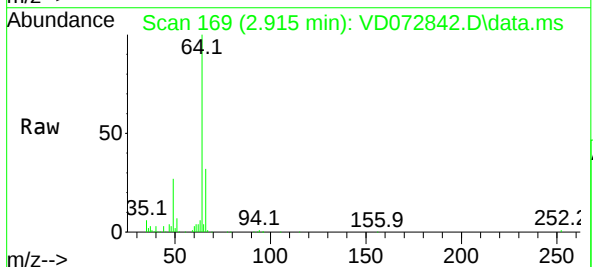
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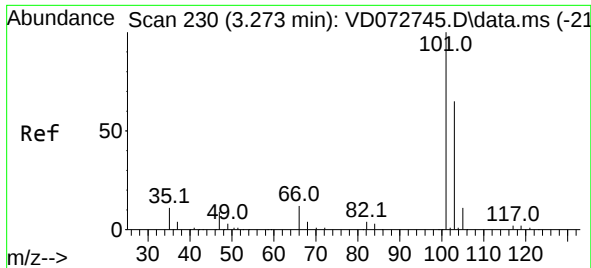
Tgt Ion: 94 Resp: 152103
Ion Ratio Lower Upper
94 100
96 87.9 77.6 116.4



#6
Chloroethane
Concen: 56.769 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072842.D
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Tgt Ion: 64 Resp: 148839
Ion Ratio Lower Upper
64 100
66 31.9 25.9 38.9

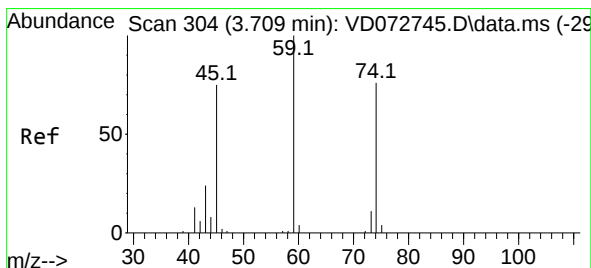
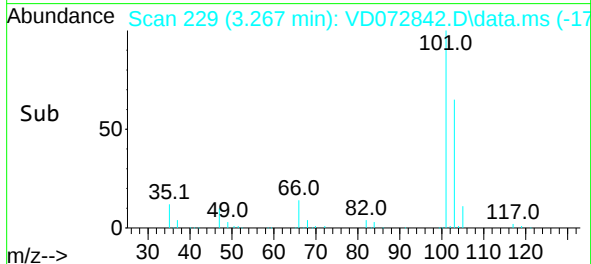
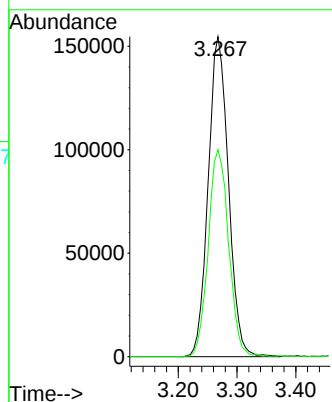
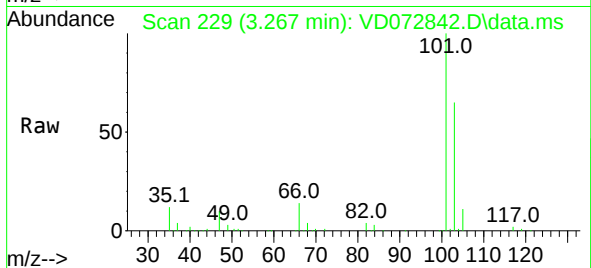




#7
 Trichlorofluoromethane
 Concen: 50.147 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD072842.D
 Acq: 06 May 2022 07:58

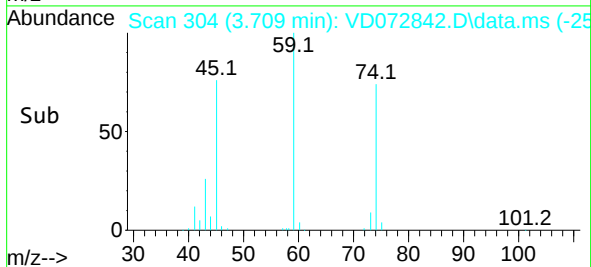
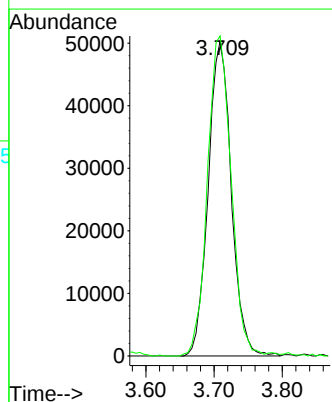
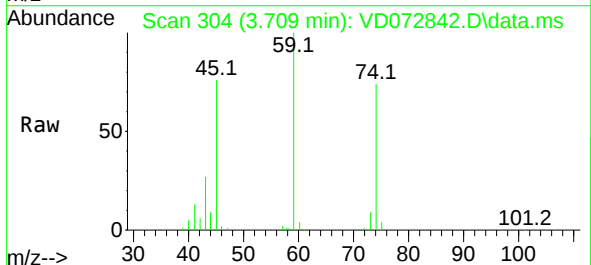
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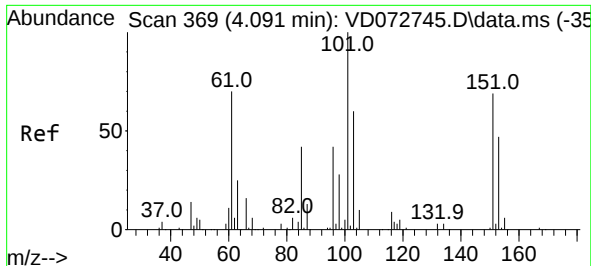
Tgt Ion:101 Resp: 369405
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.1 75.1



#8
 Diethyl Ether
 Concen: 56.047 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD072842.D
 Acq: 06 May 2022 07:58

Tgt Ion: 74 Resp: 118364
 Ion Ratio Lower Upper
 74 100
 45 104.3 52.6 157.8

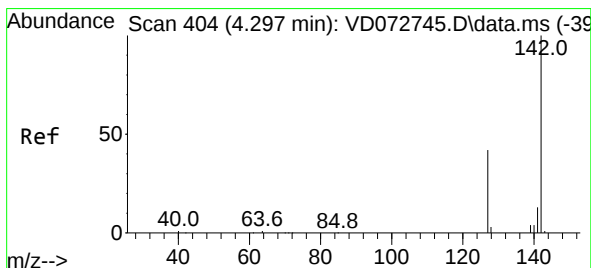
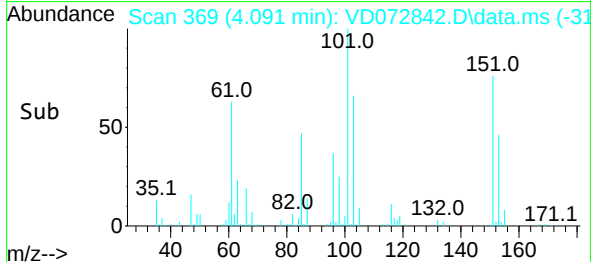
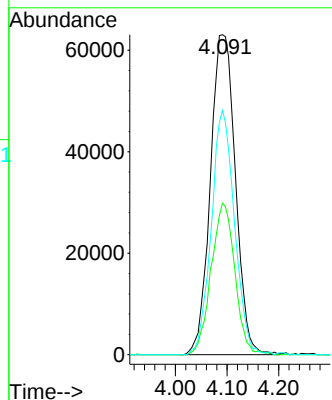
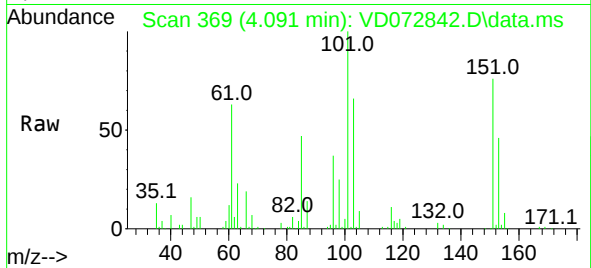




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.596 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

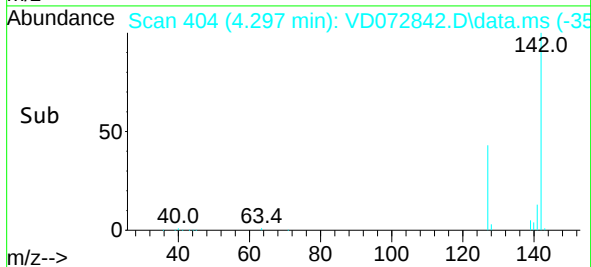
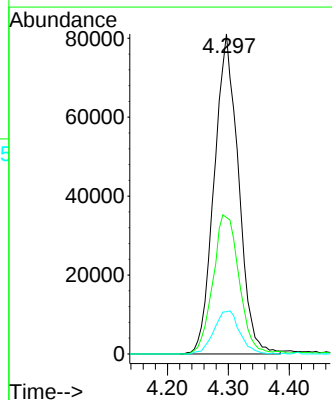
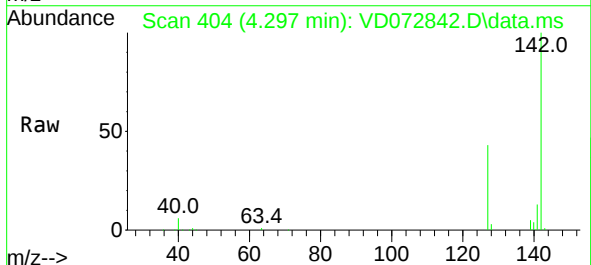
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

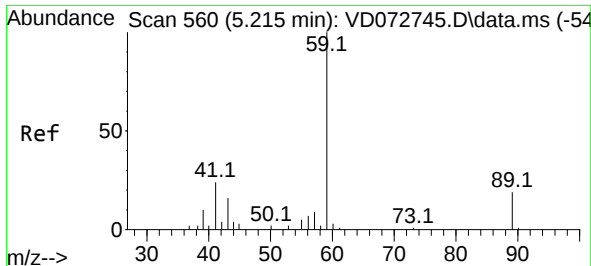
Tgt Ion:101 Resp: 212528
Ion Ratio Lower Upper
101 100
85 44.7 36.4 54.6
151 70.8 57.3 85.9



#10
Methyl Iodide
Concen: 51.070 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion:142 Resp: 224145
Ion Ratio Lower Upper
142 100
127 46.8 37.3 55.9
141 14.3 11.7 17.5

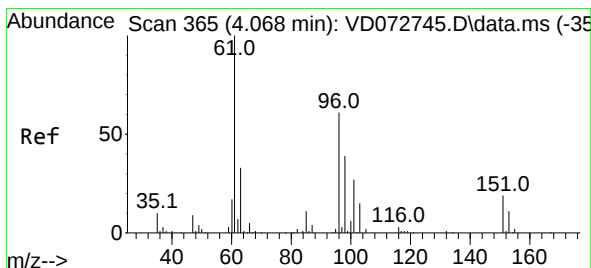
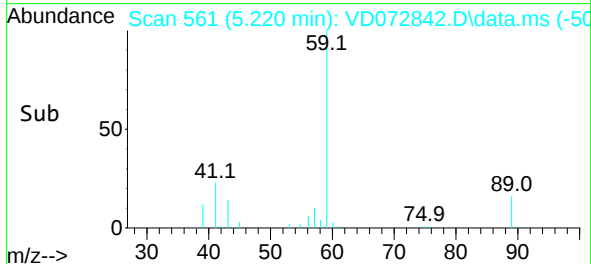
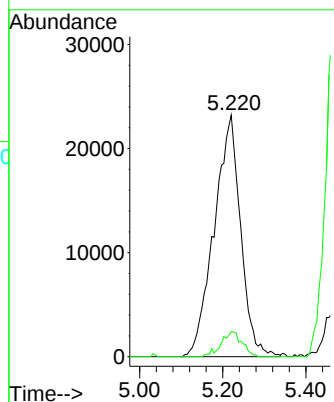
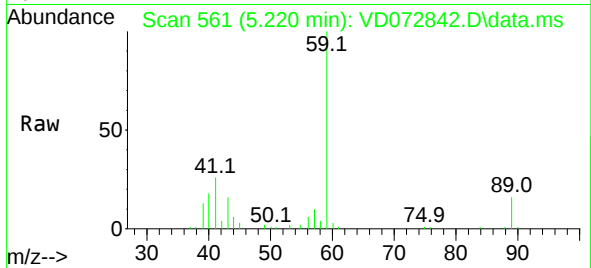




#11
Tert butyl alcohol
Concen: 280.601 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

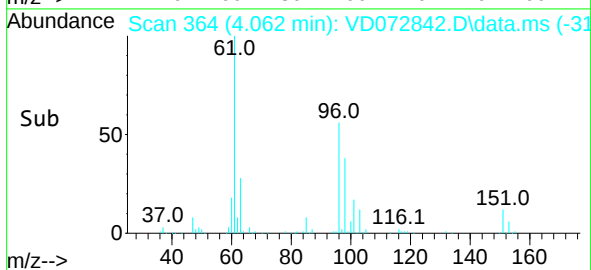
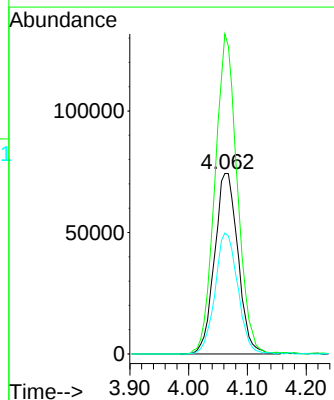
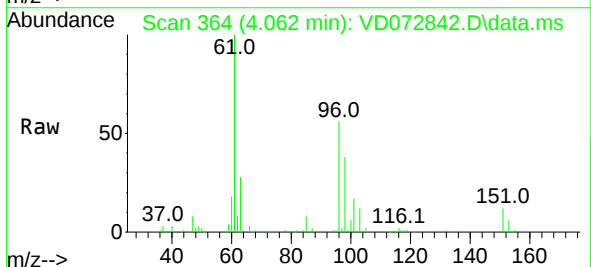
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

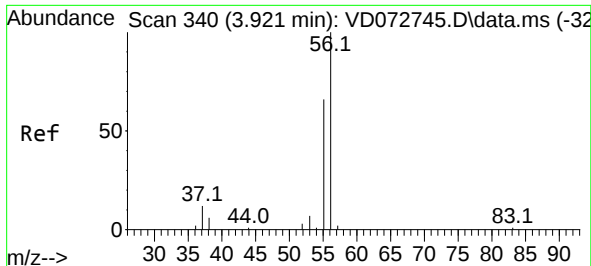
Tgt Ion: 59 Resp: 102808
Ion Ratio Lower Upper
59 100
57 8.2 7.8 11.6



#12
1,1-Dichloroethene
Concen: 52.167 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 96 Resp: 205208
Ion Ratio Lower Upper
96 100
61 177.3 138.5 207.7
98 67.0 48.6 73.0

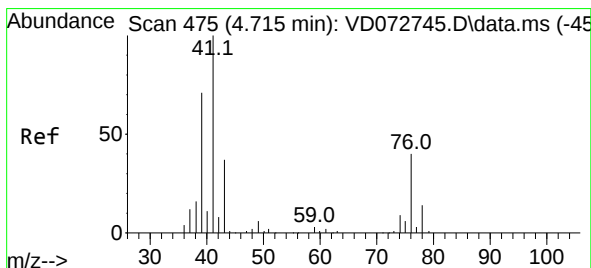
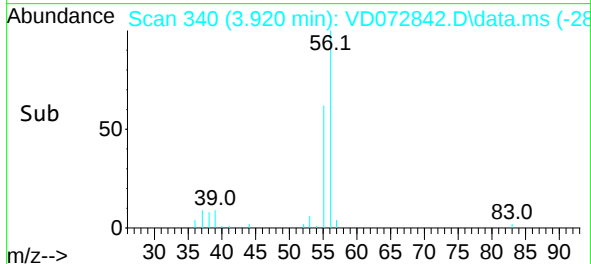
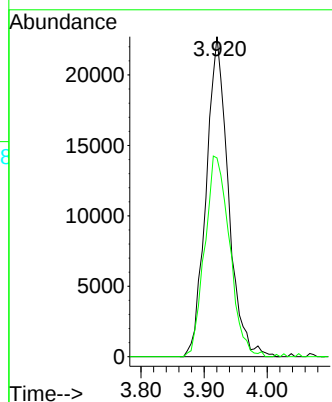
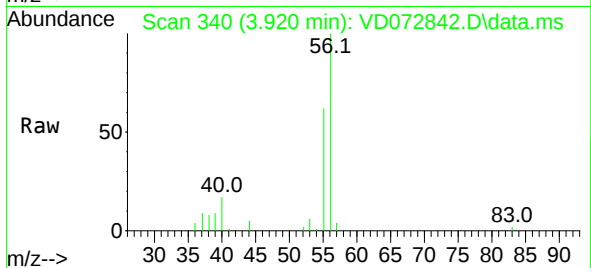




#13
Acrolein
Concen: 216.303 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

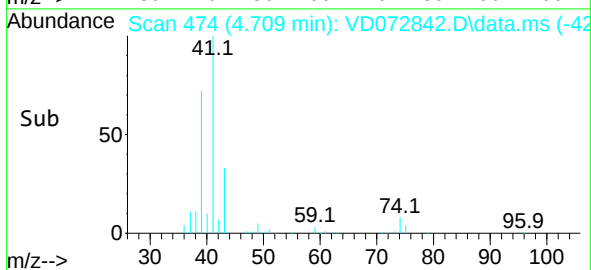
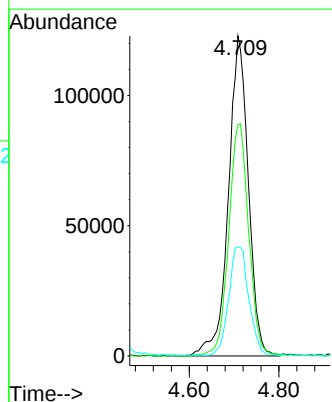
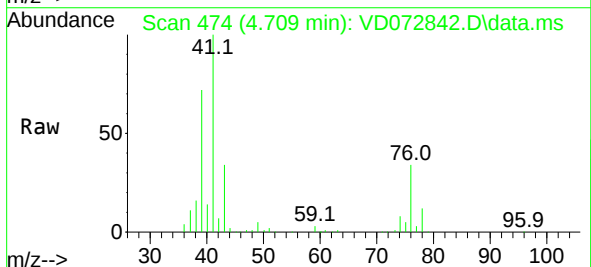
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

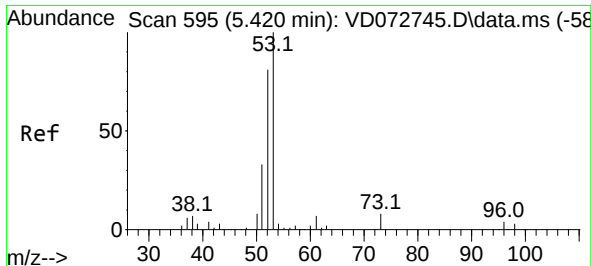
Tgt Ion: 56 Resp: 55582
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7



#14
Allyl chloride
Concen: 59.786 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 41 Resp: 379687
Ion Ratio Lower Upper
41 100
39 72.8 59.3 88.9
76 34.1 25.7 38.5

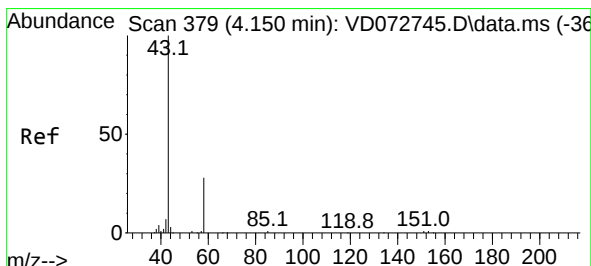
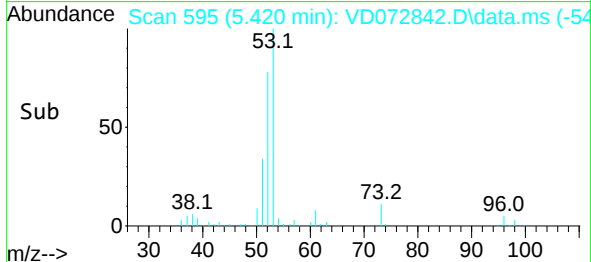
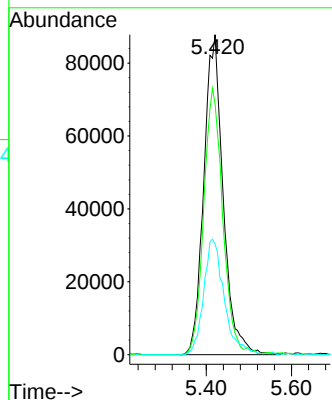
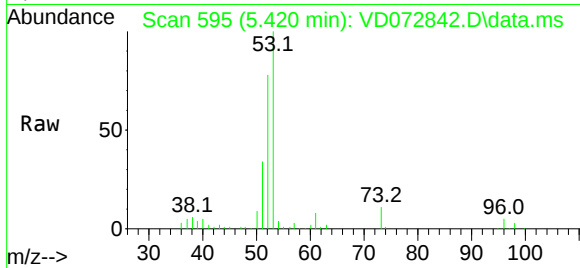




#15
Acrylonitrile
Concen: 276.560 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

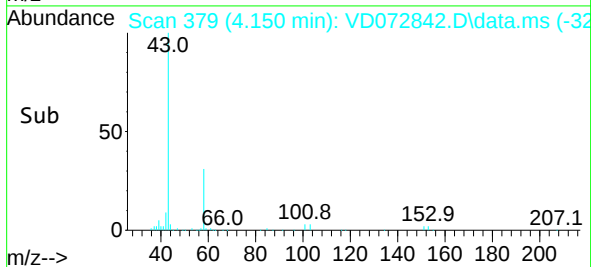
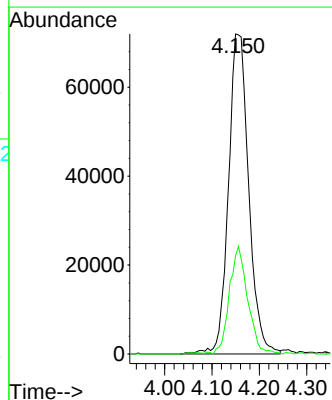
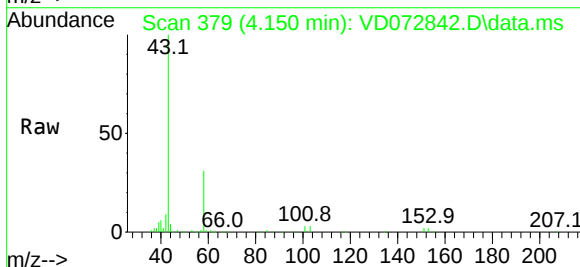
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

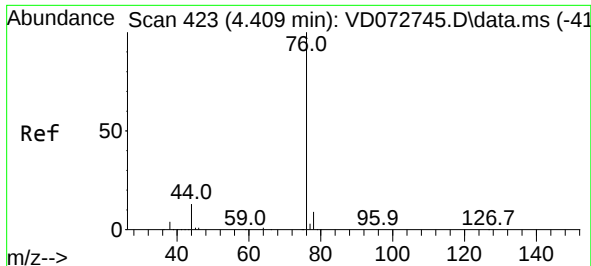
Tgt Ion: 53 Resp: 277573
Ion Ratio Lower Upper
53 100
52 82.0 67.2 100.8
51 38.4 30.3 45.5



#16
Acetone
Concen: 270.698 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 43 Resp: 213642
Ion Ratio Lower Upper
43 100
58 30.7 22.1 33.1

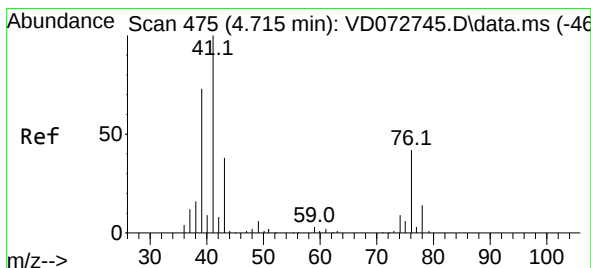
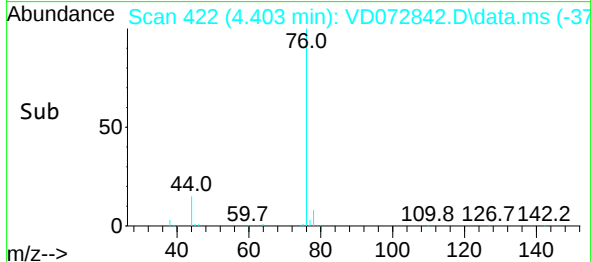
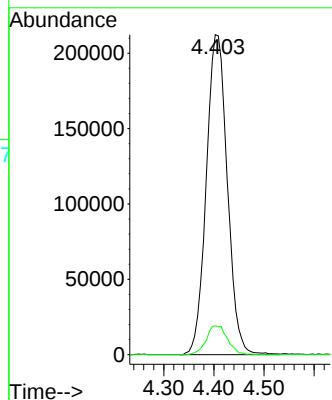
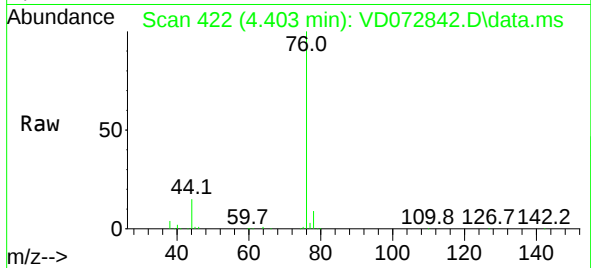




#17
Carbon Disulfide
Concen: 49.997 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

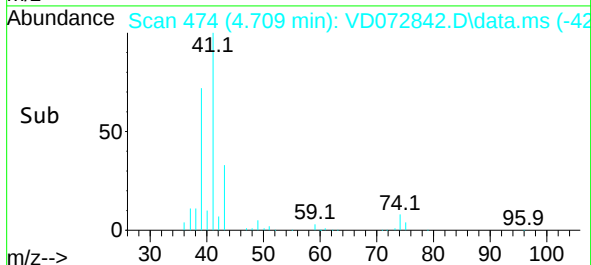
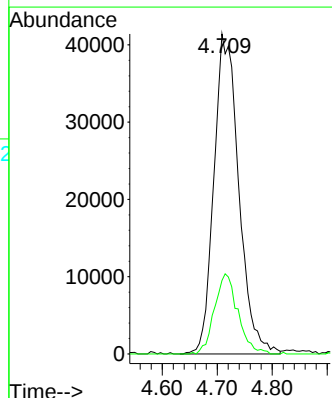
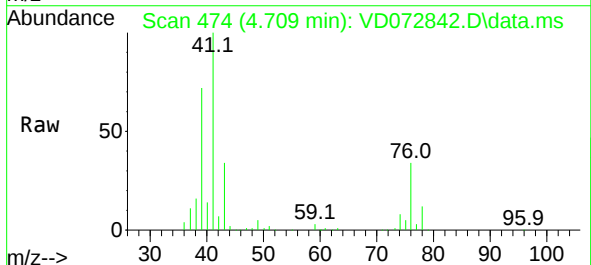
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

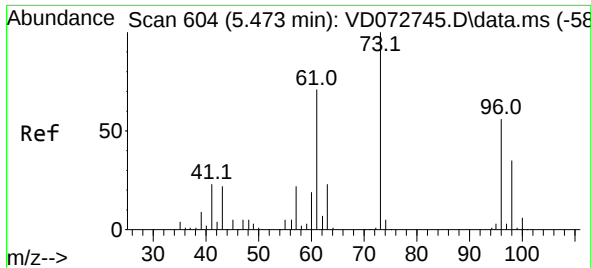
Tgt Ion: 76 Resp: 618392
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 56.589 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 43 Resp: 130324
Ion Ratio Lower Upper
43 100
74 23.6 16.7 25.1

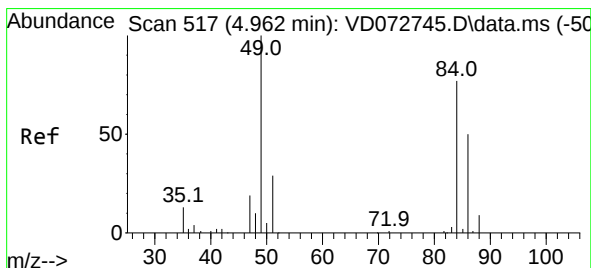
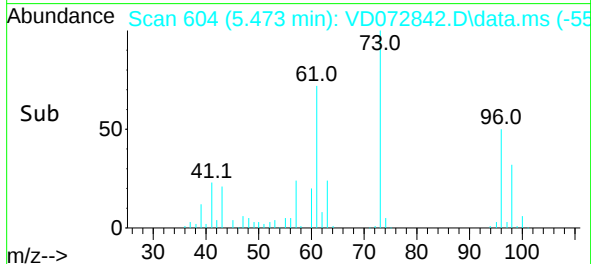
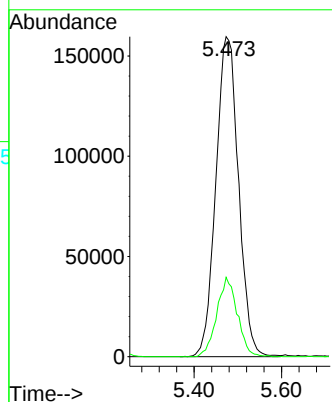
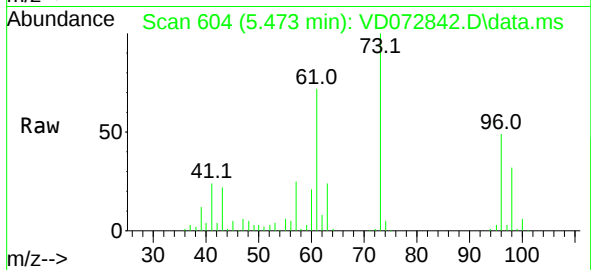




#19
Methyl tert-butyl Ether
Concen: 60.767 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

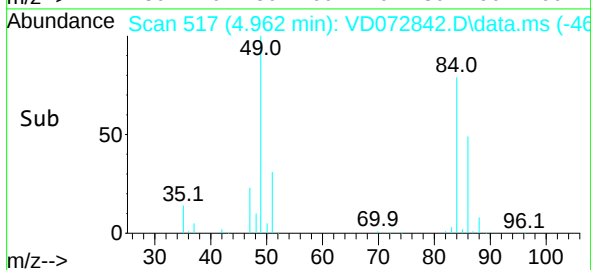
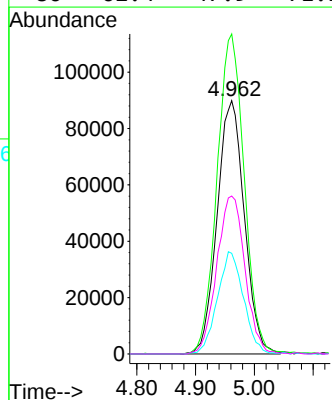
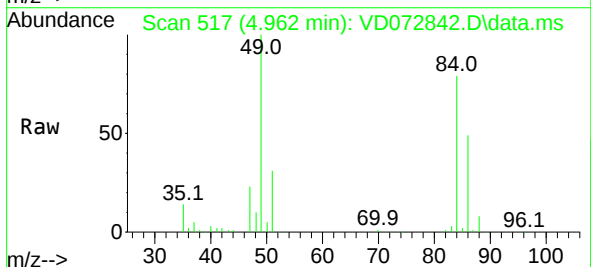
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

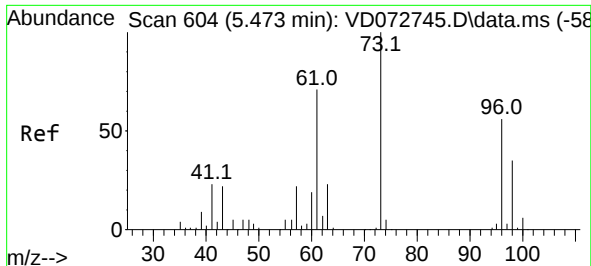
Tgt Ion: 73 Resp: 573046
Ion Ratio Lower Upper
73 100
57 24.8 18.0 27.0



#20
Methylene Chloride
Concen: 58.079 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 84 Resp: 289029
Ion Ratio Lower Upper
84 100
49 126.4 112.8 169.2
51 39.7 32.6 48.8
86 62.4 47.9 71.9

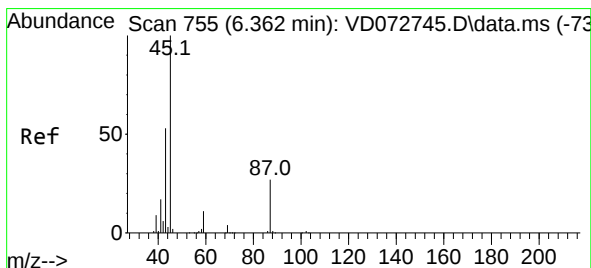
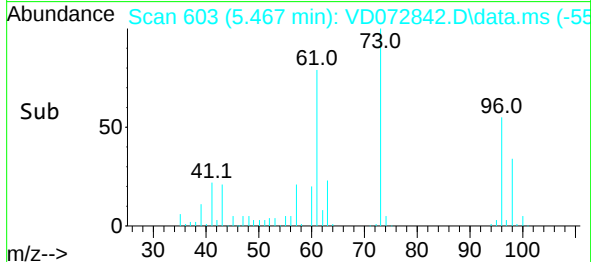
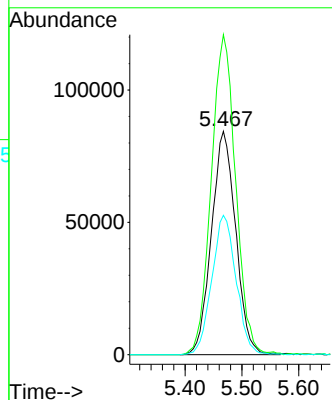
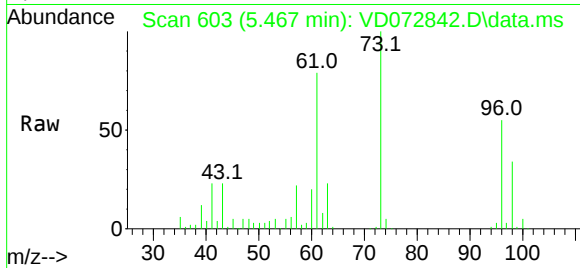




#21
trans-1,2-Dichloroethene
Concen: 55.467 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

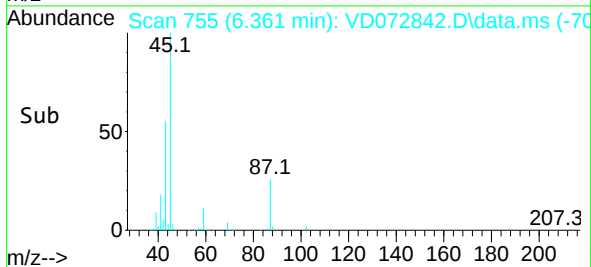
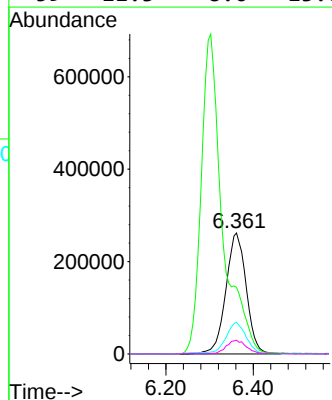
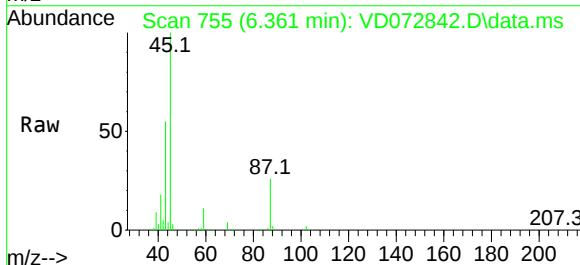
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

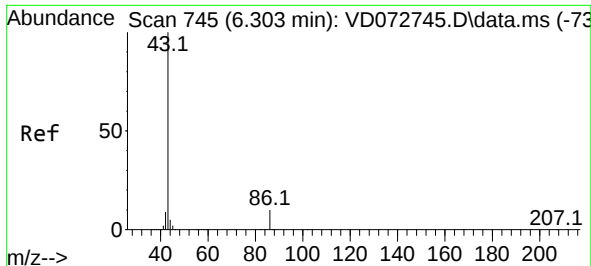
Tgt Ion: 96 Resp: 250235
Ion Ratio Lower Upper
96 100
61 143.3 117.9 176.9
98 62.4 49.4 74.2



#22
Diisopropyl ether
Concen: 60.641 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 45 Resp: 847192
Ion Ratio Lower Upper
45 100
43 55.0 46.6 70.0
87 26.3 18.4 27.6
59 11.3 8.6 13.0

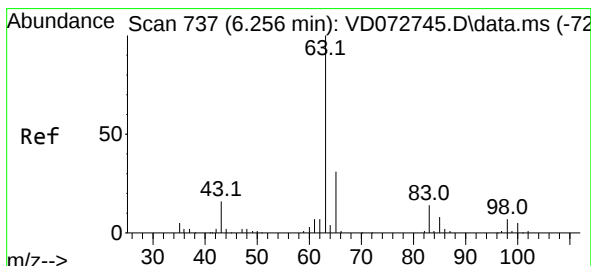
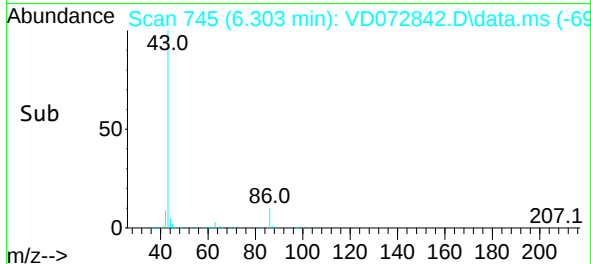
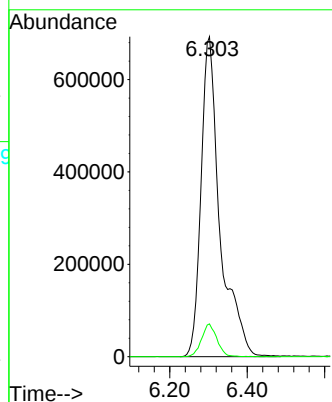
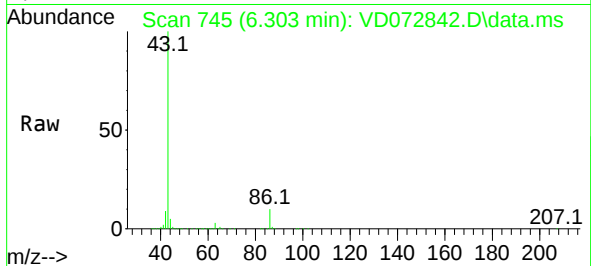




#23
 Vinyl Acetate
 Concen: 304.577 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072842.D
 Acq: 06 May 2022 07:58

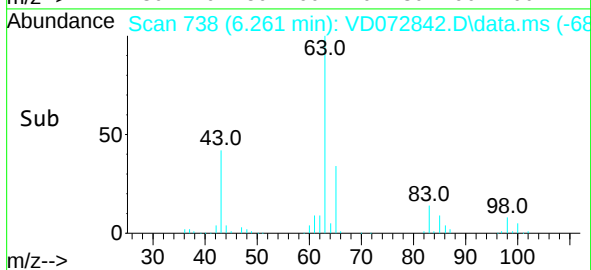
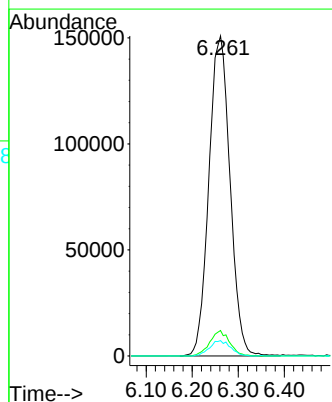
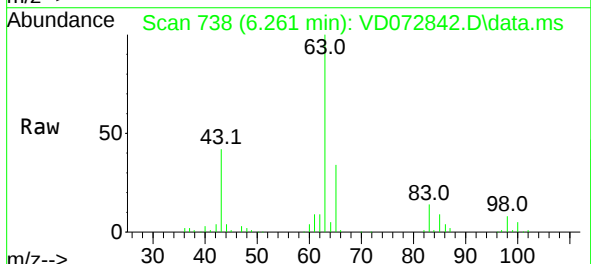
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

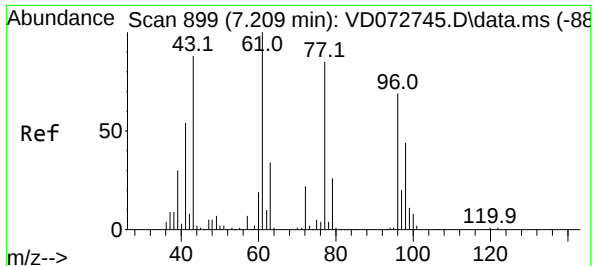
Tgt Ion: 43 Resp: 2350582
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 57.352 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD072842.D
 Acq: 06 May 2022 07:58

Tgt Ion: 63 Resp: 481384
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.9
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 279.287 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.001 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

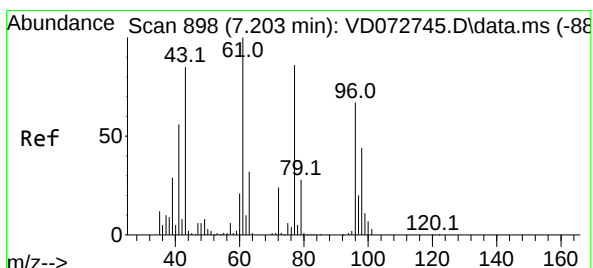
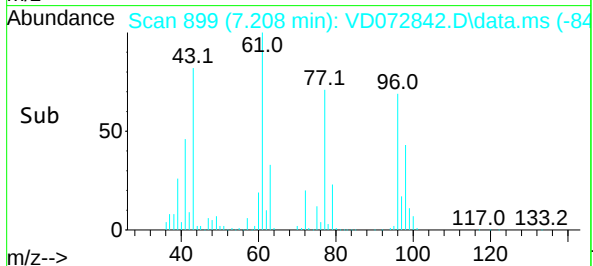
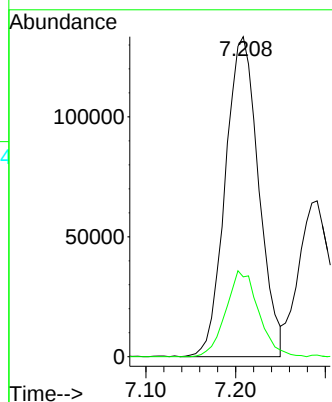
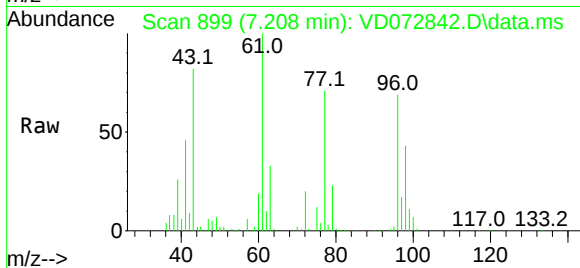
VSTDCCC050EC

Tgt Ion: 43 Resp: 344597

Ion Ratio Lower Upper

43 100

72 25.0 18.6 27.8



#26

2,2-Dichloropropane

Concen: 49.514 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD072842.D

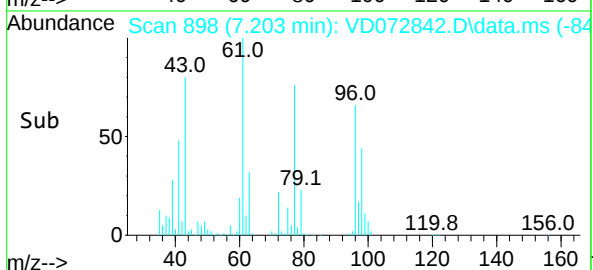
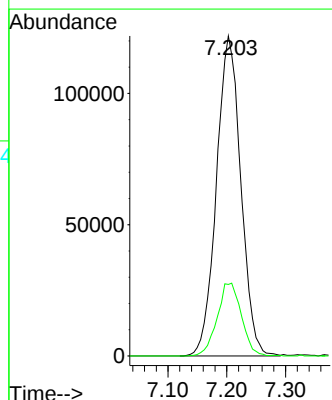
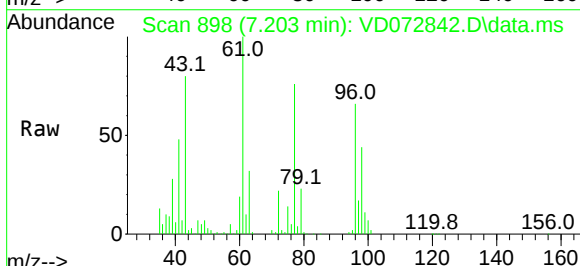
Acq: 06 May 2022 07:58

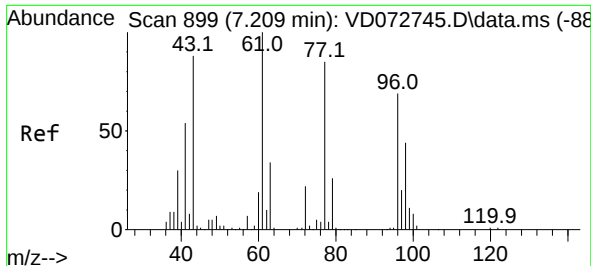
Tgt Ion: 77 Resp: 351345

Ion Ratio Lower Upper

77 100

97 22.6 10.8 32.4

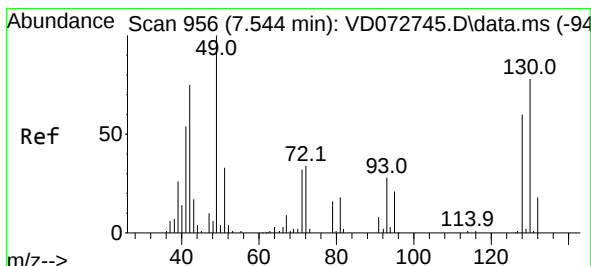
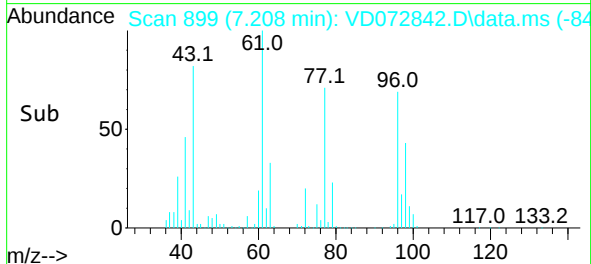
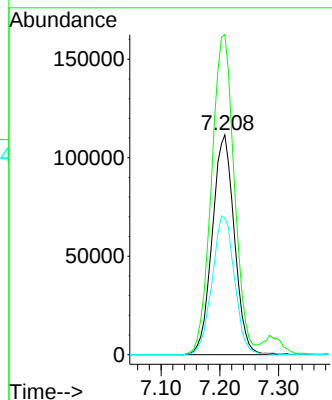
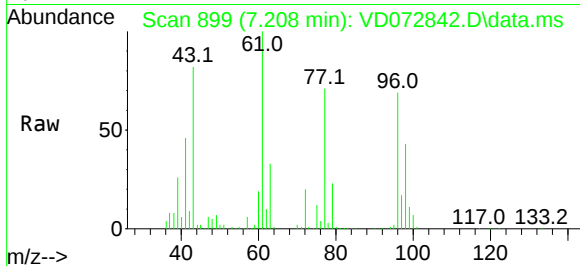




#27
 cis-1,2-Dichloroethene
 Concen: 56.412 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.001 min
 Lab File: VD072842.D
 Acq: 06 May 2022 07:58

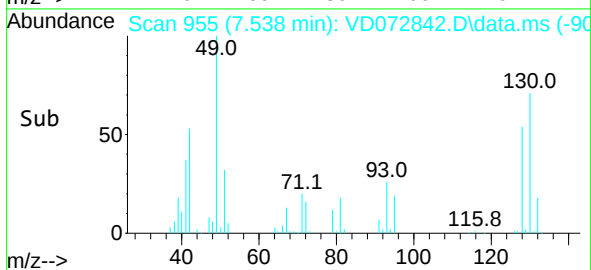
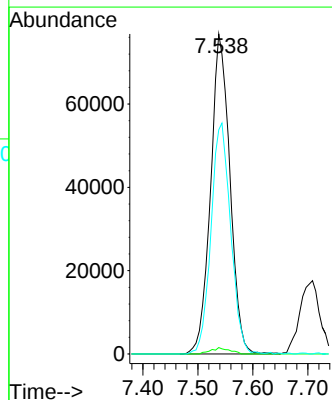
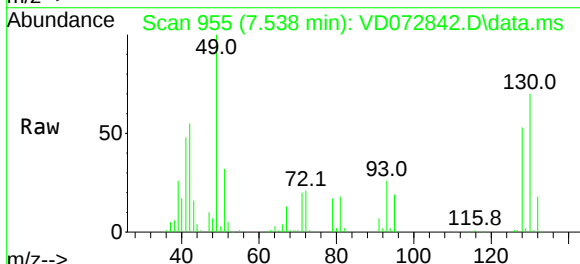
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 291484
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 313.8
 98 64.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 59.959 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072842.D
 Acq: 06 May 2022 07:58

Tgt Ion: 49 Resp: 187674
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 73.4 52.6 79.0





#29

Tetrahydrofuran

Concen: 288.322 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD072842.D

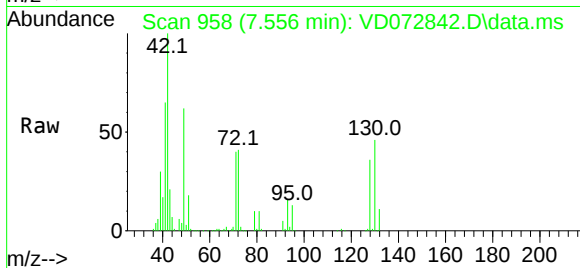
Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



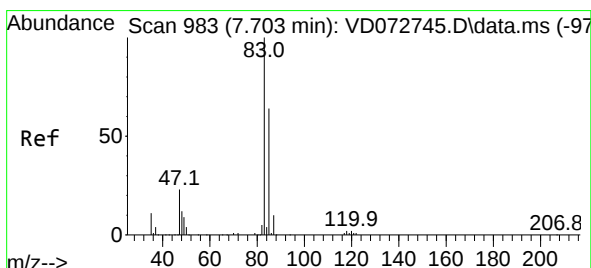
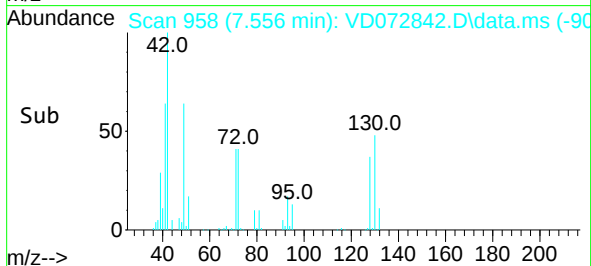
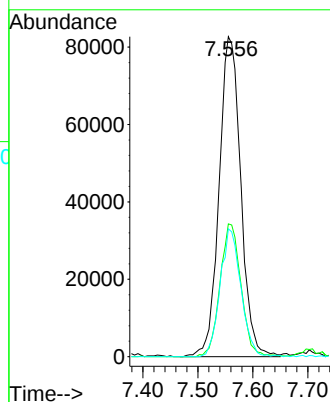
Tgt Ion: 42 Resp: 226753

Ion Ratio Lower Upper

42 100

72 40.2 30.7 46.1

71 38.1 28.6 43.0



#30

Chloroform

Concen: 56.568 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD072842.D

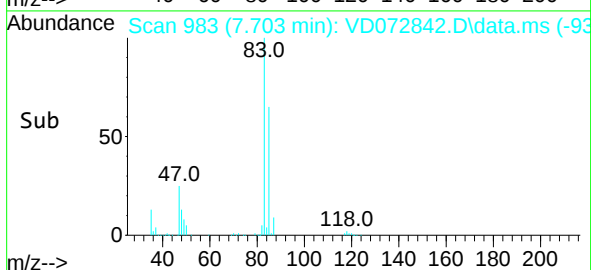
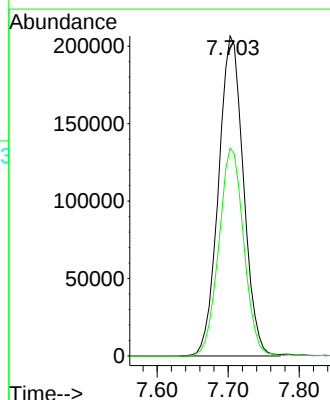
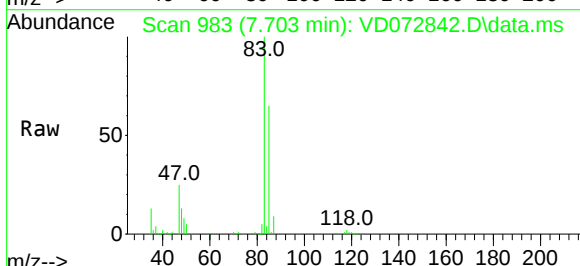
Acq: 06 May 2022 07:58

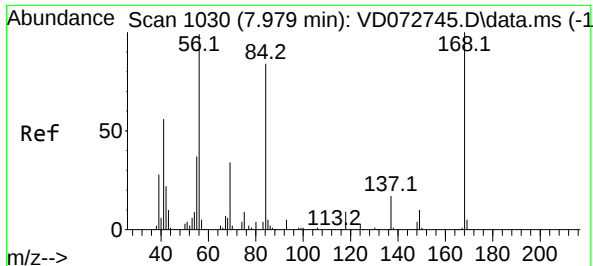
Tgt Ion: 83 Resp: 502398

Ion Ratio Lower Upper

83 100

85 64.9 52.7 79.1

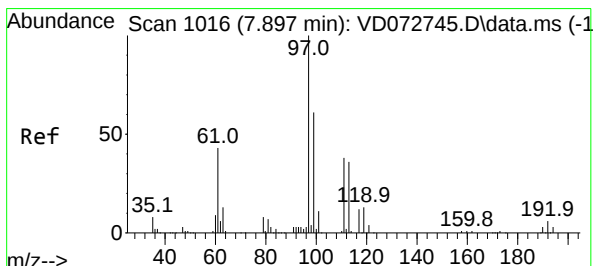
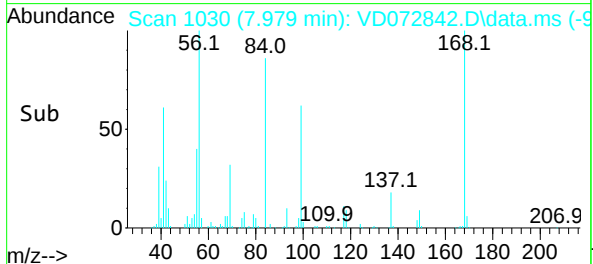
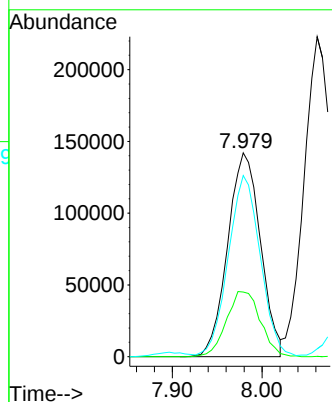
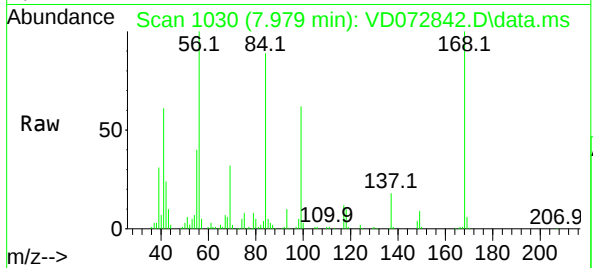




#31
Cyclohexane
Concen: 48.677 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

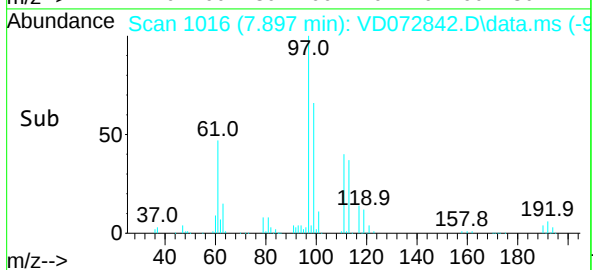
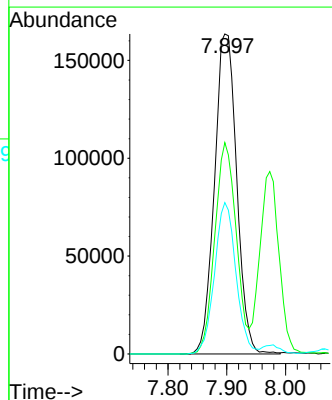
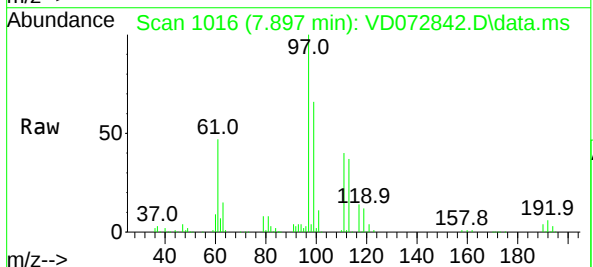
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

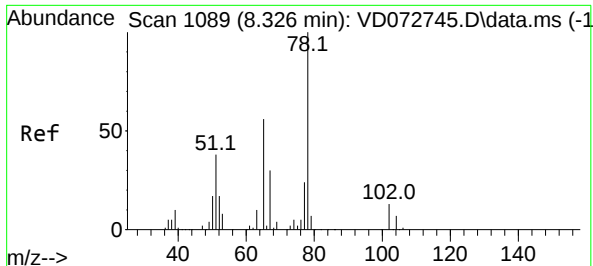
Tgt Ion: 56 Resp: 360334
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.2
84 87.0 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 56.838 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 97 Resp: 430222
Ion Ratio Lower Upper
97 100
99 63.9 52.4 78.6
61 45.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 54.443 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

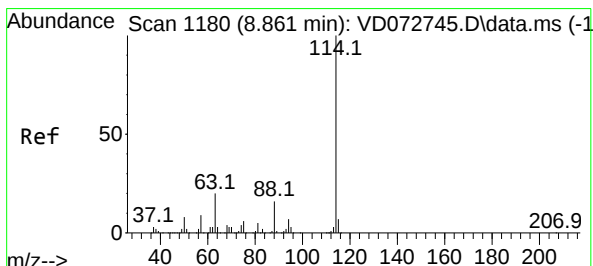
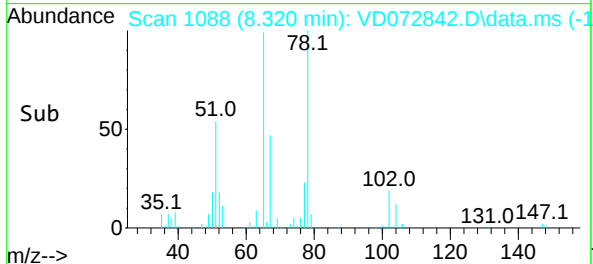
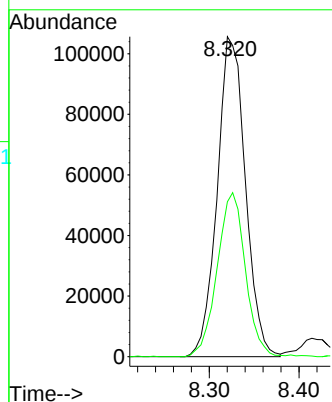
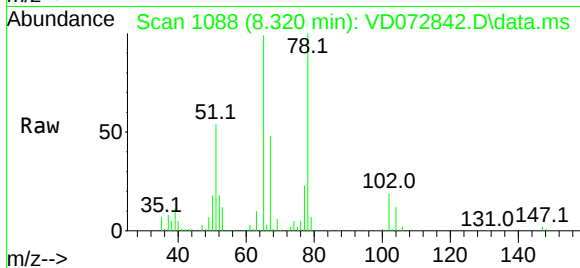
VSTDCCC050EC

Tgt Ion: 65 Resp: 230546

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

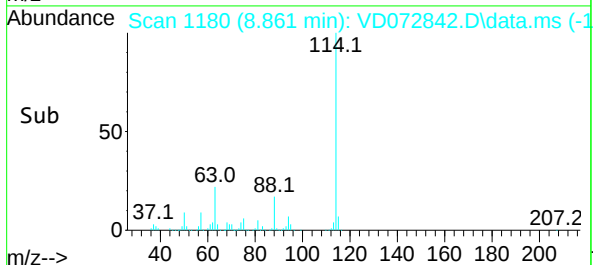
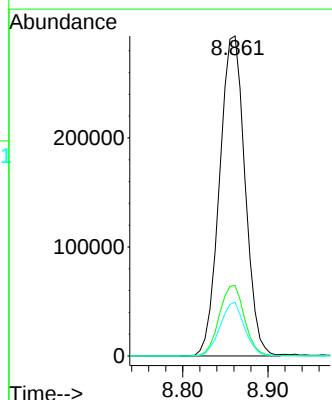
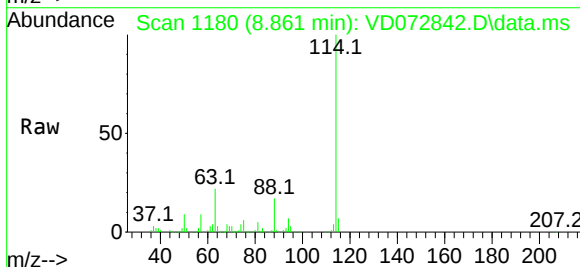
Tgt Ion: 114 Resp: 609197

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.581 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

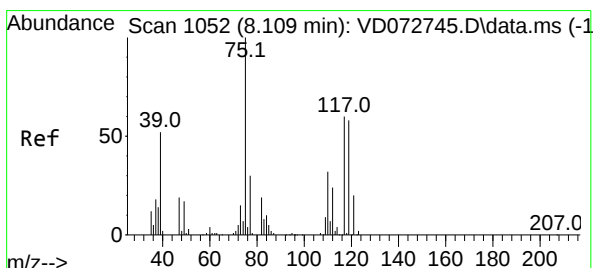
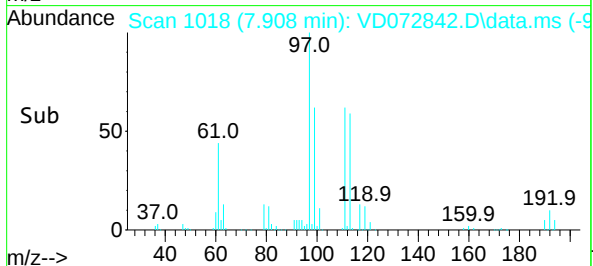
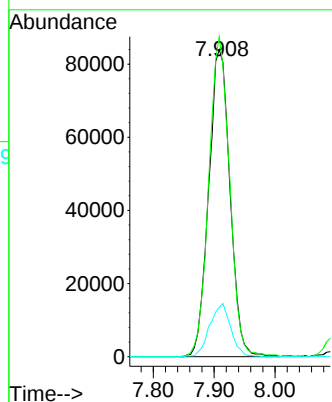
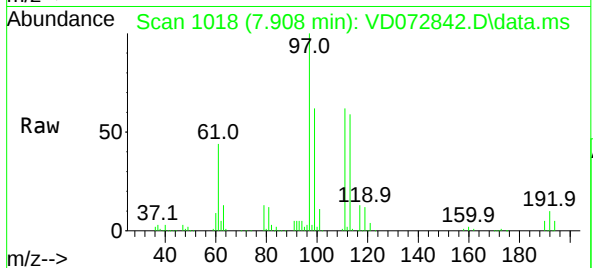
Tgt Ion:113 Resp: 203574

Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.1 14.6 21.8



#36

1,1-Dichloropropene

Concen: 50.462 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.001 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

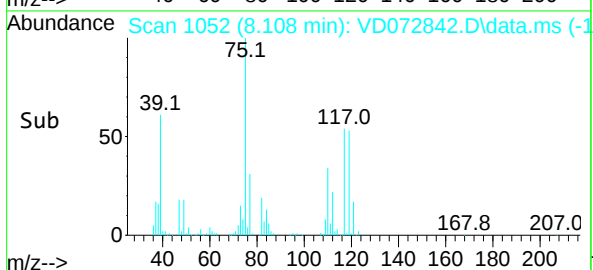
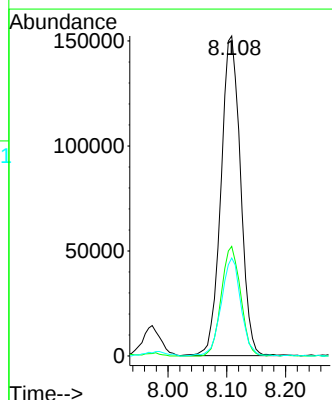
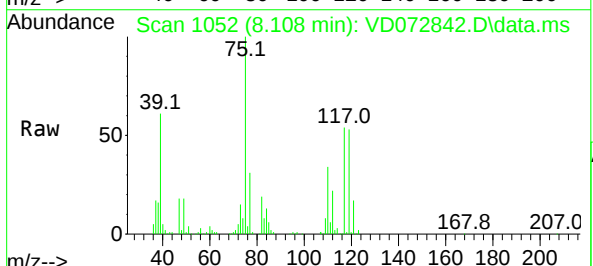
Tgt Ion: 75 Resp: 351057

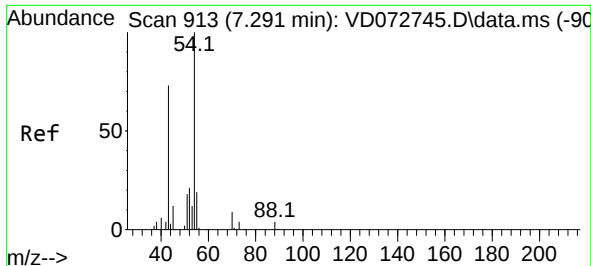
Ion Ratio Lower Upper

75 100

110 33.9 16.4 49.1

77 31.0 24.2 36.2

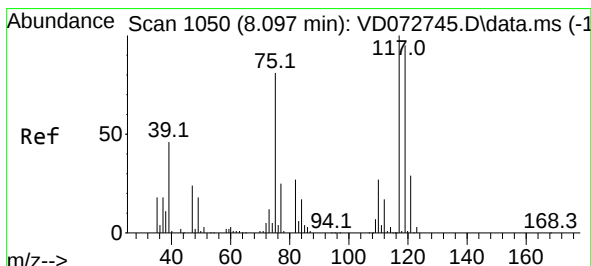
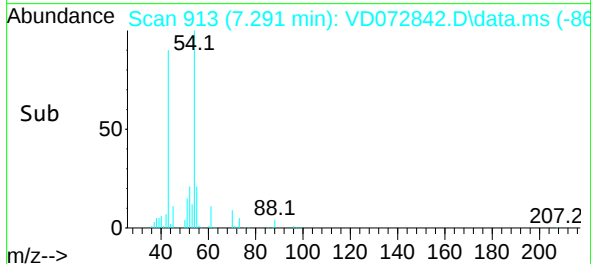
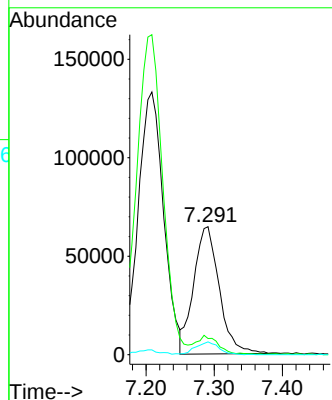
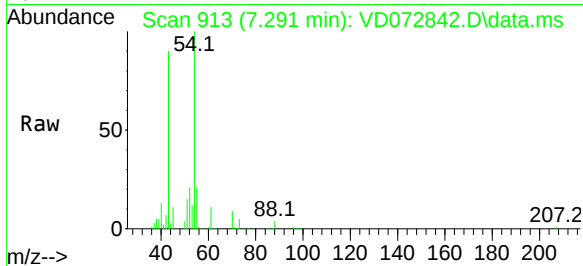




#37
Ethyl Acetate
Concen: 52.655 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

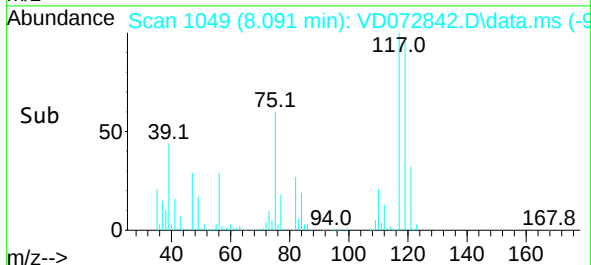
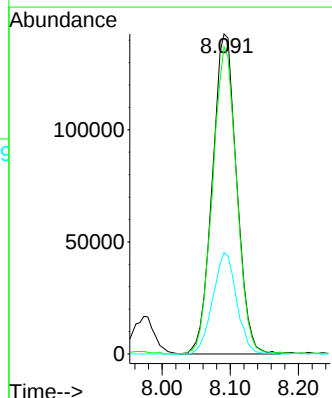
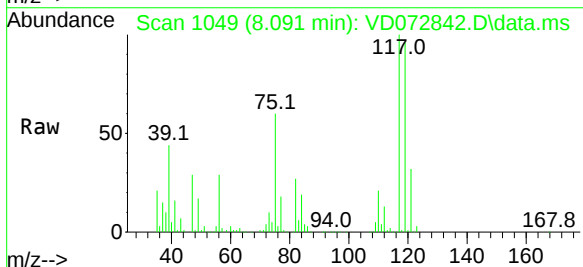
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

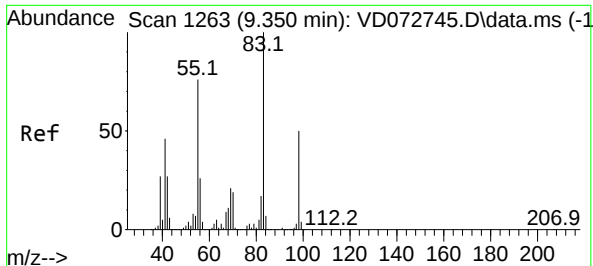
Tgt Ion: 43 Resp: 168395
Ion Ratio Lower Upper
43 100
61 13.0 9.8 14.8
70 9.0 6.9 10.3



#38
Carbon Tetrachloride
Concen: 49.146 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 117 Resp: 354916
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6
121 31.7 24.5 36.7





#39

Methylcyclohexane

Concen: 47.099 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

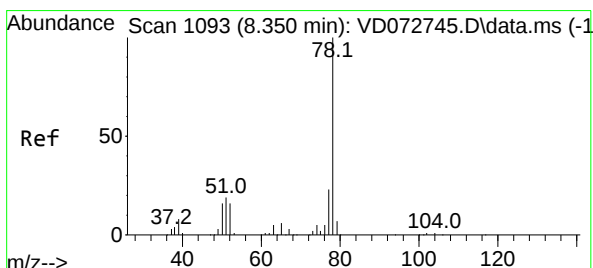
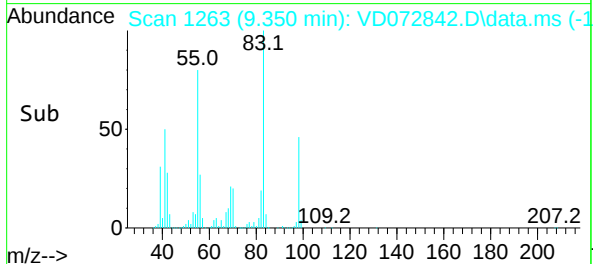
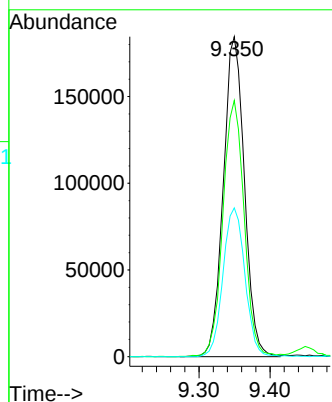
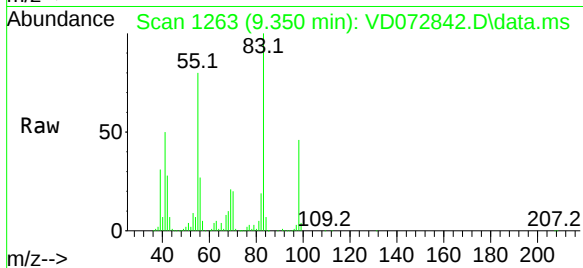
Tgt Ion: 83 Resp: 380066

Ion Ratio Lower Upper

83 100

55 80.0 63.2 94.8

98 46.5 38.2 57.4



#40

Benzene

Concen: 51.288 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072842.D

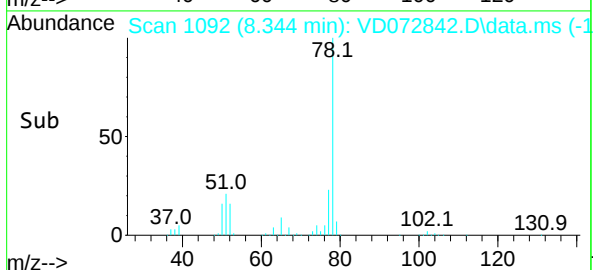
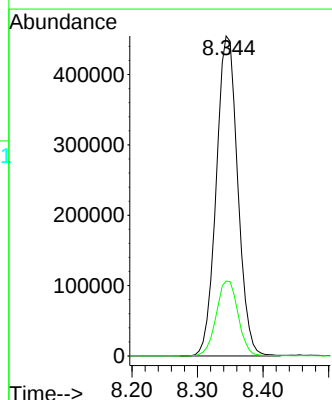
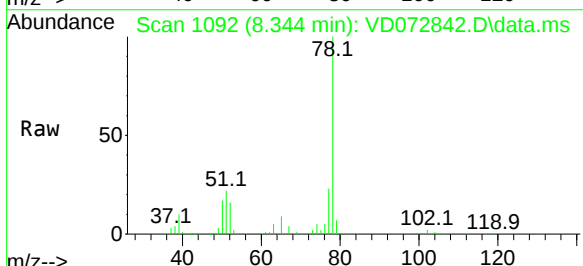
Acq: 06 May 2022 07:58

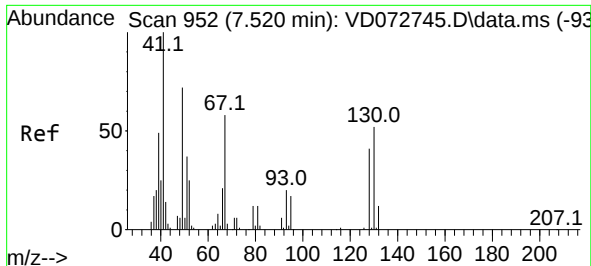
Tgt Ion: 78 Resp: 1030389

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7

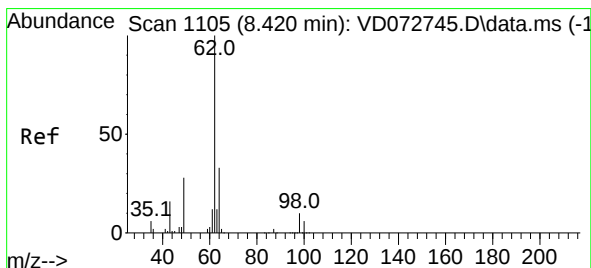
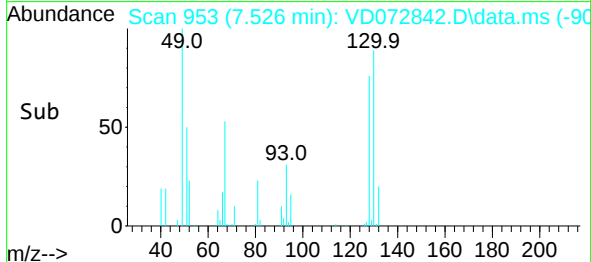
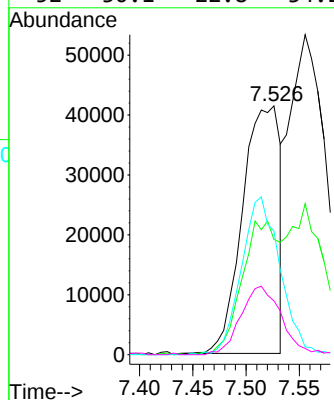
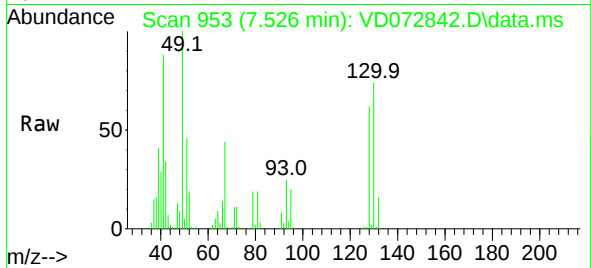




#41
Methacrylonitrile
Concen: 52.964 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

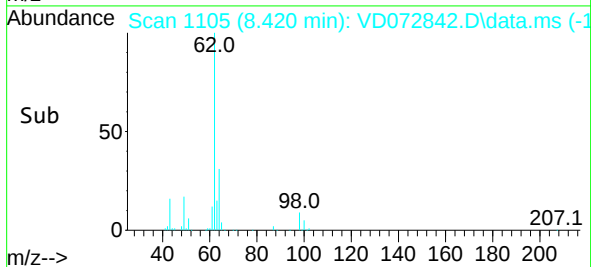
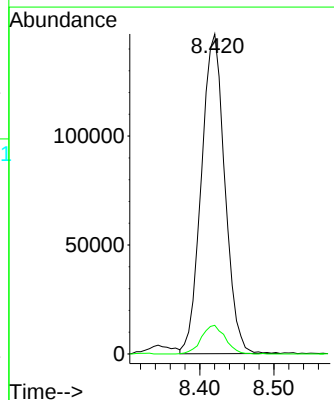
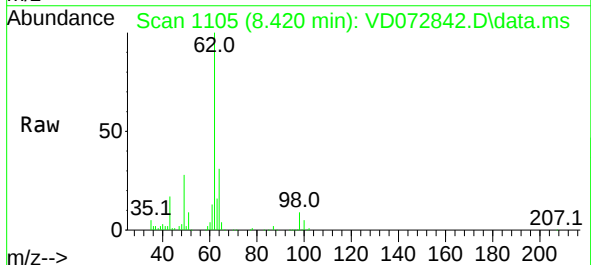
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

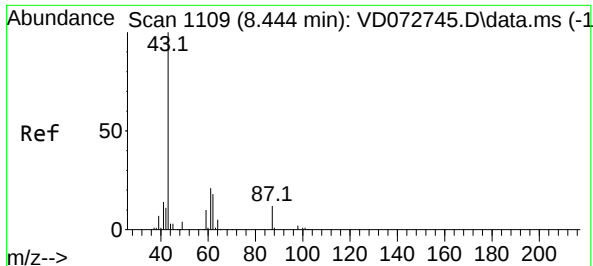
Tgt Ion: 41 Resp: 100858
Ion Ratio Lower Upper
41 100
39 53.2 44.6 67.0
67 66.2 48.2 72.4
52 30.1 22.8 34.2



#42
1,2-Dichloroethane
Concen: 53.244 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 62 Resp: 322344
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 54.259 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

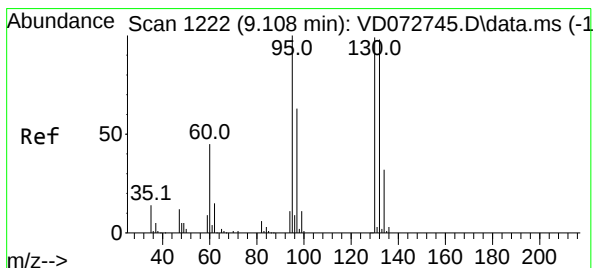
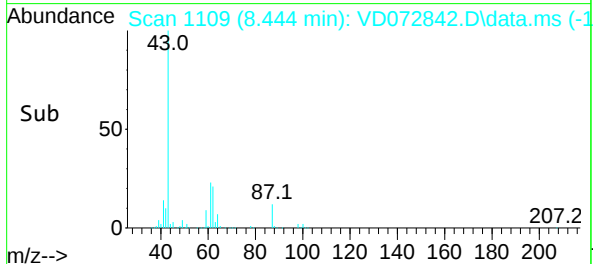
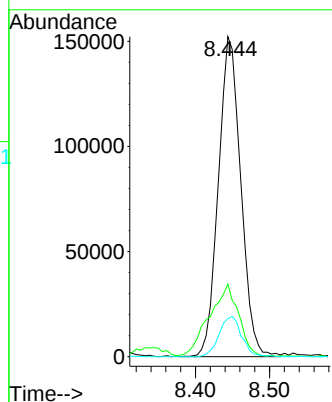
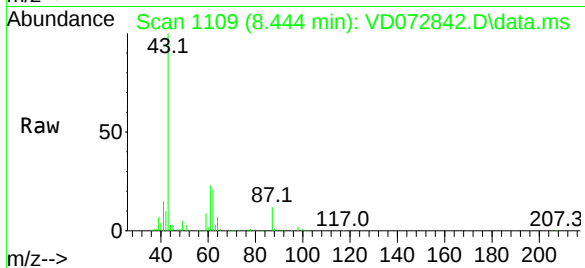
Tgt Ion: 43 Resp: 320278

Ion Ratio Lower Upper

43 100

61 29.1 22.4 33.6

87 12.6 8.7 13.1



#44

Trichloroethene

Concen: 49.042 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD072842.D

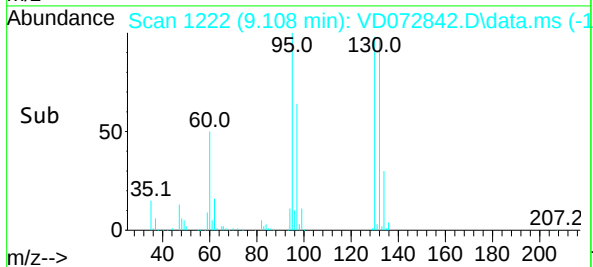
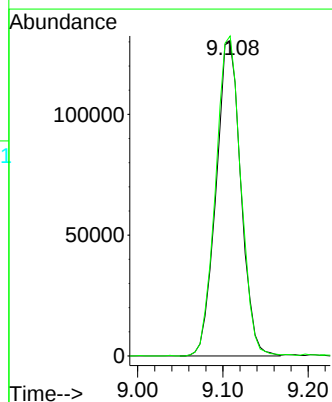
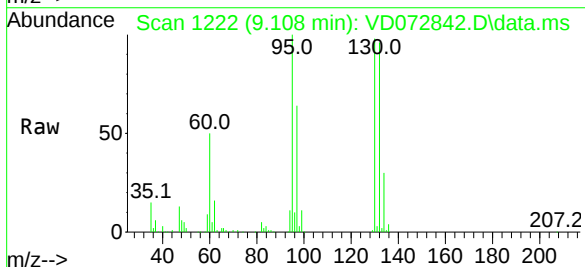
Acq: 06 May 2022 07:58

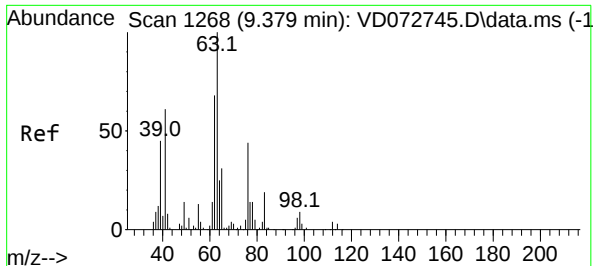
Tgt Ion:130 Resp: 263593

Ion Ratio Lower Upper

130 100

95 101.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 51.455 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

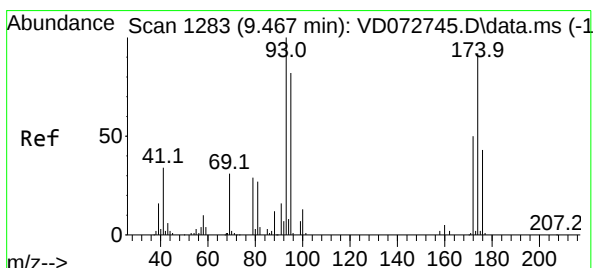
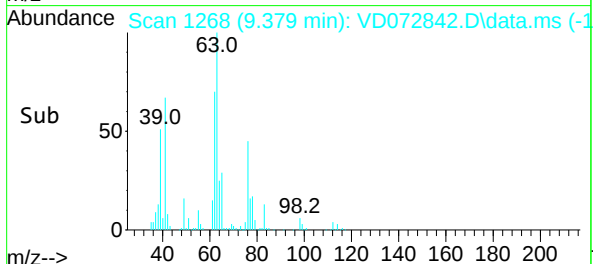
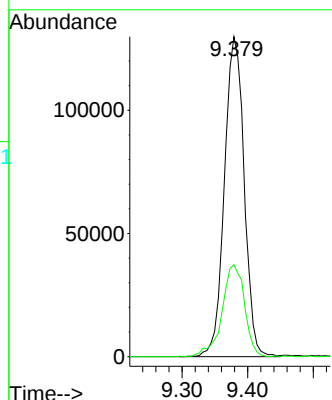
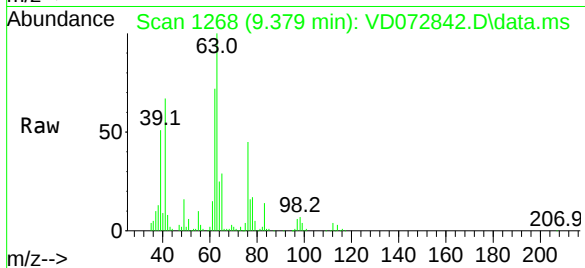
VSTDCCC050EC

Tgt Ion: 63 Resp: 271481

Ion Ratio Lower Upper

63 100

65 28.8 26.2 39.4



#46

Dibromomethane

Concen: 49.842 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

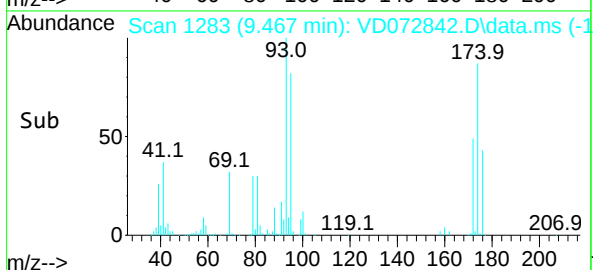
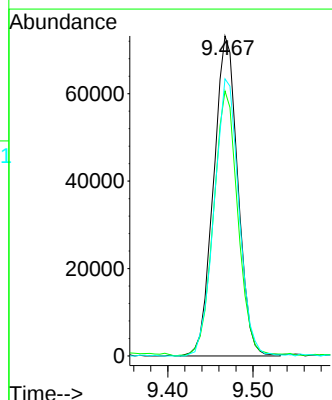
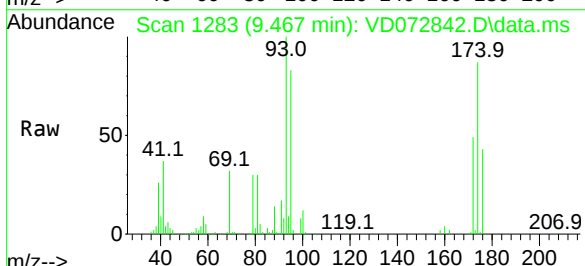
Tgt Ion: 93 Resp: 145059

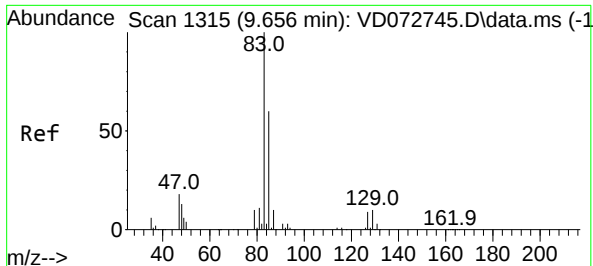
Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

174 88.0 71.6 107.4





#47

Bromodichloromethane

Concen: 51.693 ug/l

RT: 9.655 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

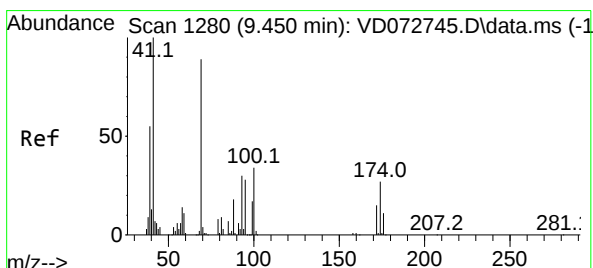
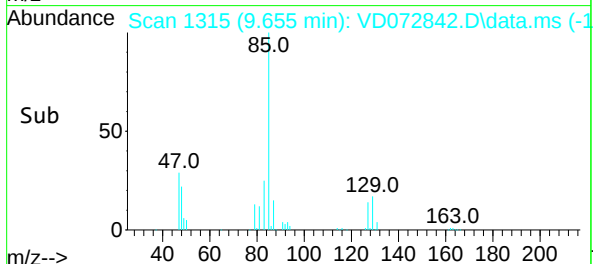
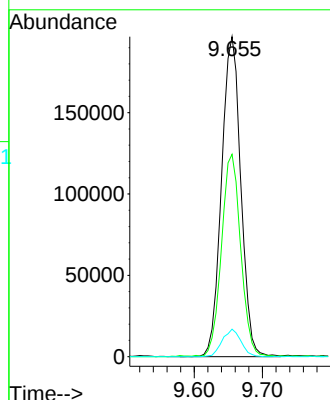
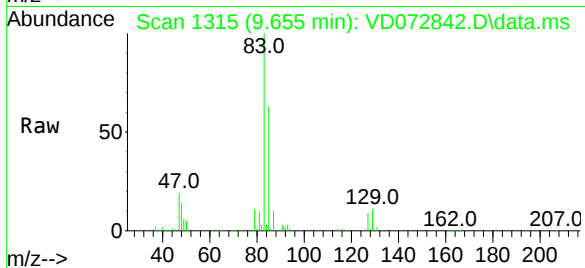
Tgt Ion: 83 Resp: 387029

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

127 8.6 6.1 9.1



#48

Methyl methacrylate

Concen: 58.542 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

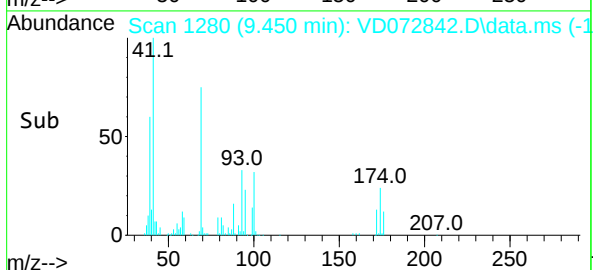
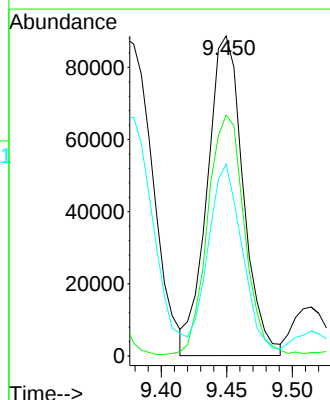
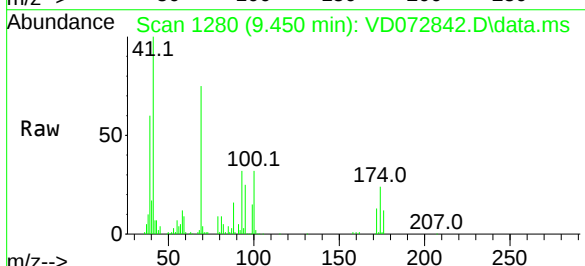
Tgt Ion: 41 Resp: 169054

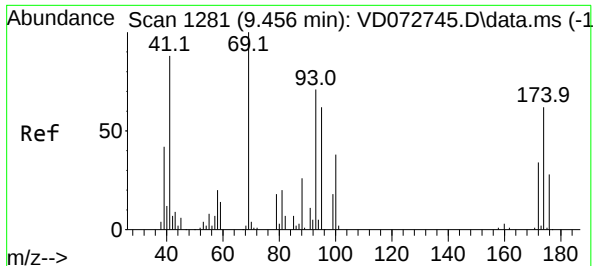
Ion Ratio Lower Upper

41 100

69 77.6 56.7 85.1

39 57.2 42.7 64.1





#49

1,4-Dioxane

Concen: 959.763 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.001 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

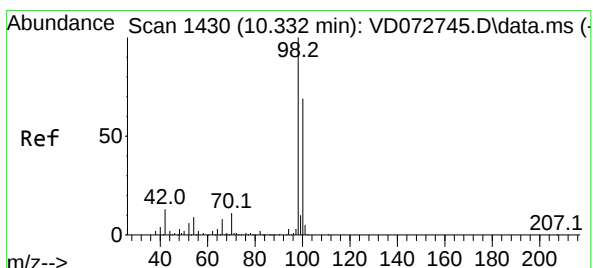
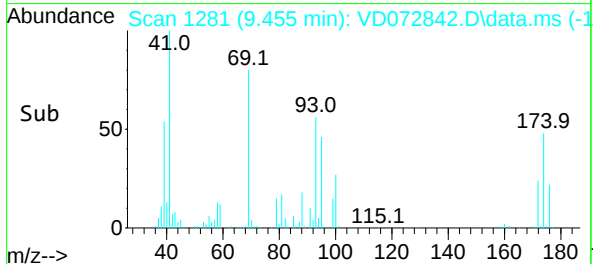
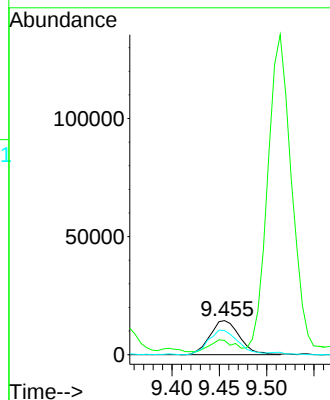
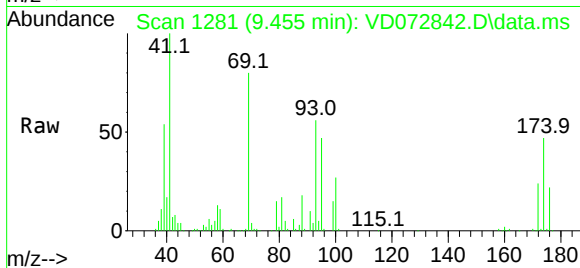
Tgt Ion: 88 Resp: 31455

Ion Ratio Lower Upper

88 100

43 27.6 31.0 46.4#

58 72.1 58.1 87.1



#50

Toluene-d8

Concen: 46.824 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072842.D

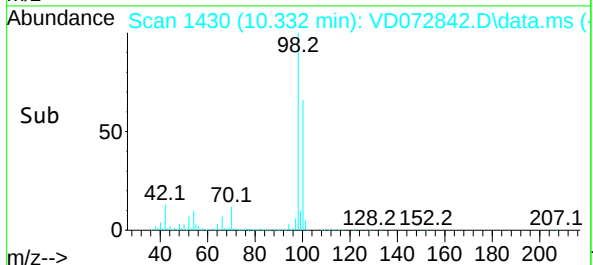
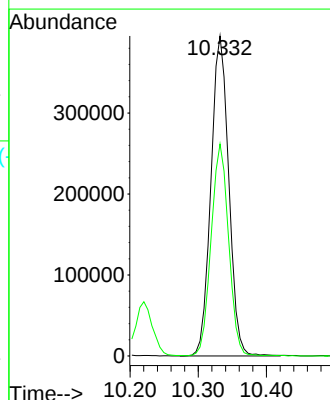
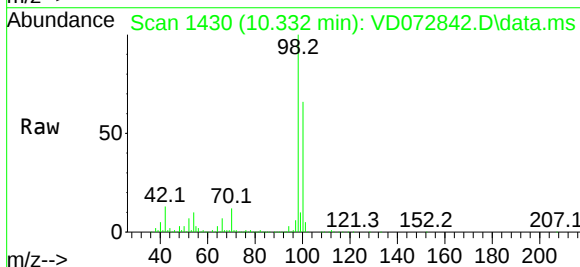
Acq: 06 May 2022 07:58

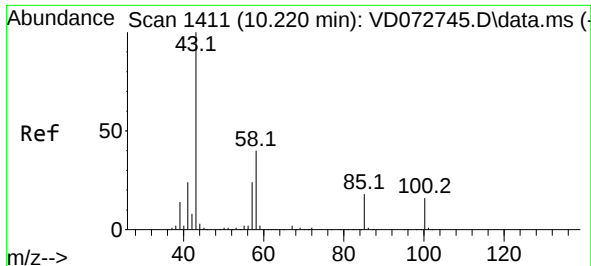
Tgt Ion: 98 Resp: 718615

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6

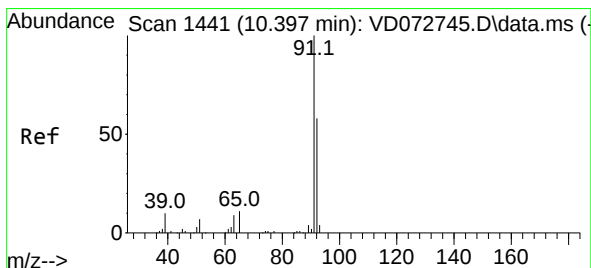
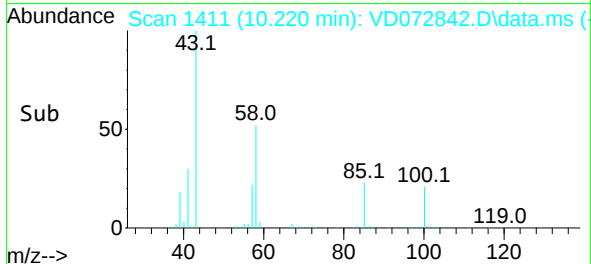
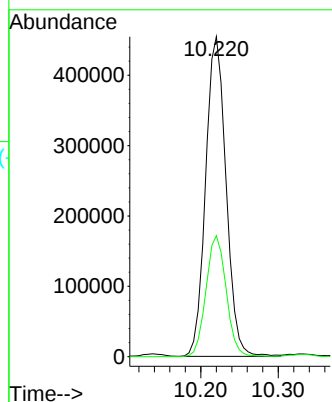
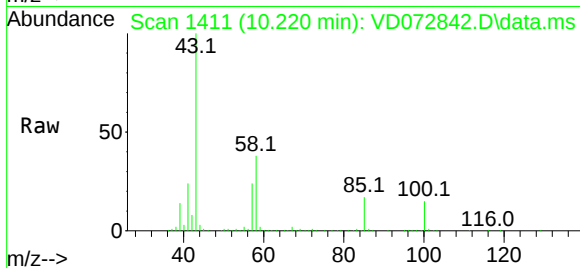




#51
4-Methyl-2-Pentanone
Concen: 270.637 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

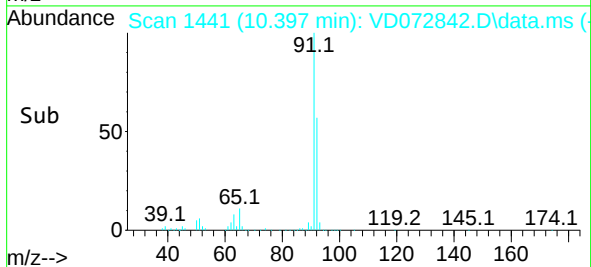
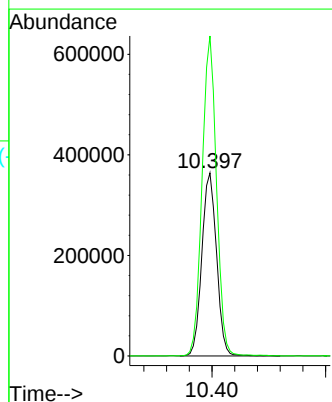
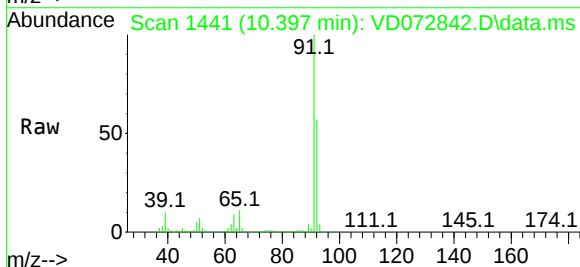
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

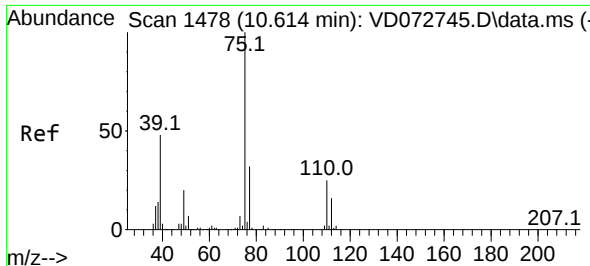
Tgt Ion: 43 Resp: 830124
Ion Ratio Lower Upper
43 100
58 37.5 28.6 43.0



#52
Toluene
Concen: 52.135 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 92 Resp: 653377
Ion Ratio Lower Upper
92 100
91 170.8 139.6 209.4

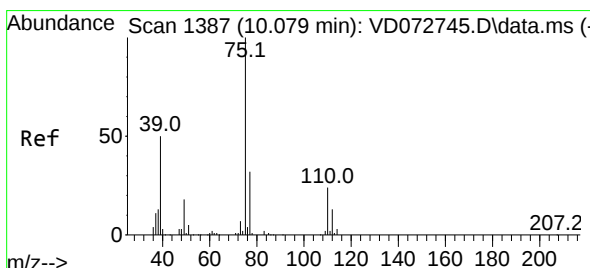
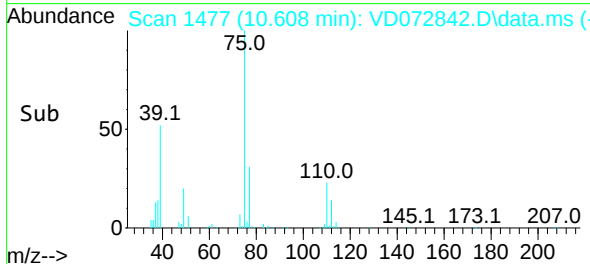
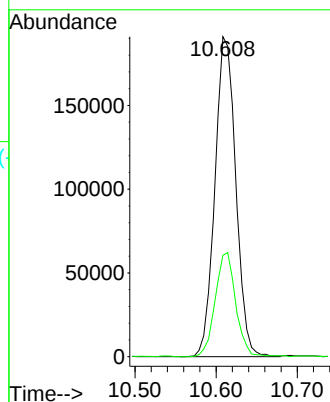
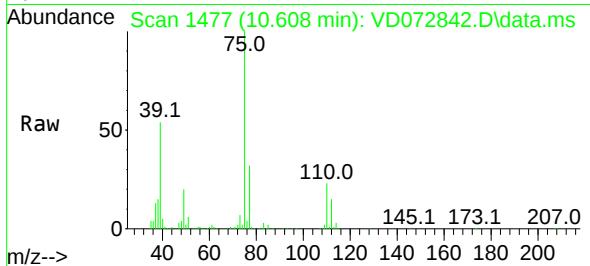




#53
t-1,3-Dichloropropene
Concen: 49.699 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

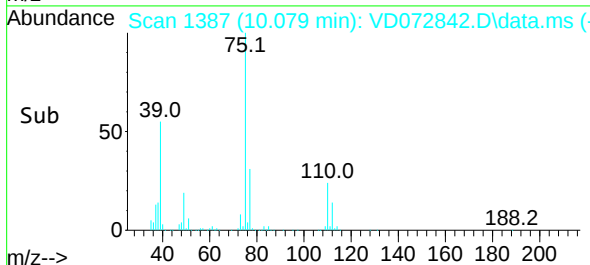
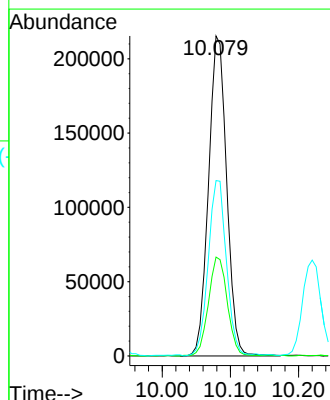
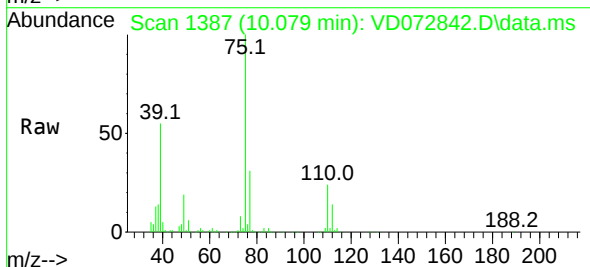
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

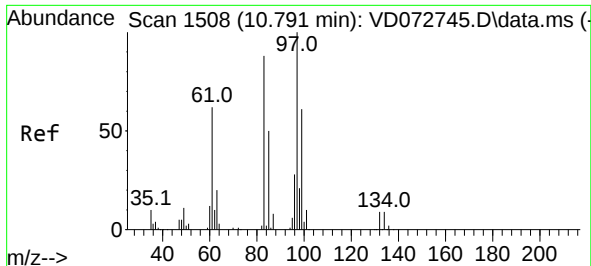
Tgt Ion: 75 Resp: 341785
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 49.944 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 75 Resp: 399043
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2
39 54.6 46.8 70.2



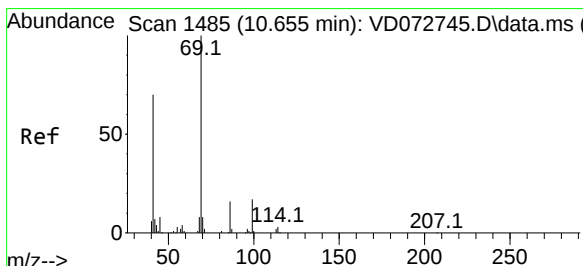
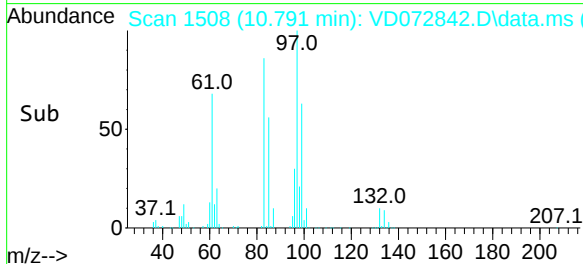
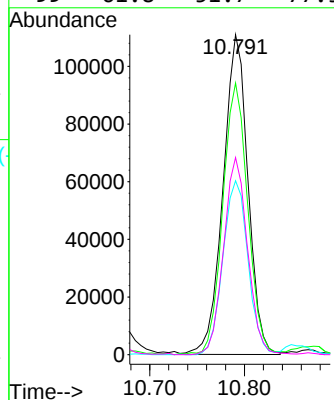
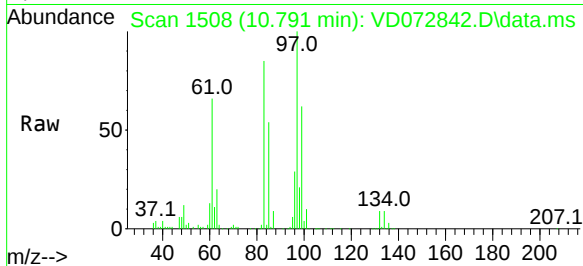


#55
1,1,2-Trichloroethane
Concen: 51.500 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 202626

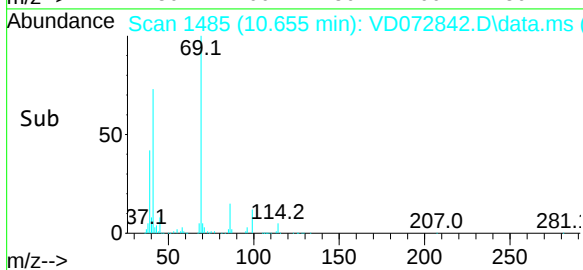
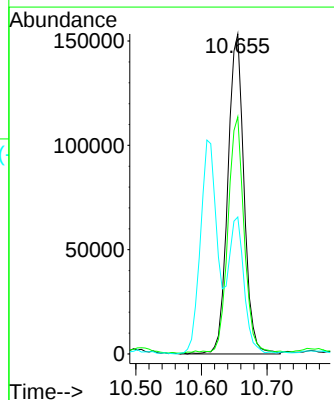
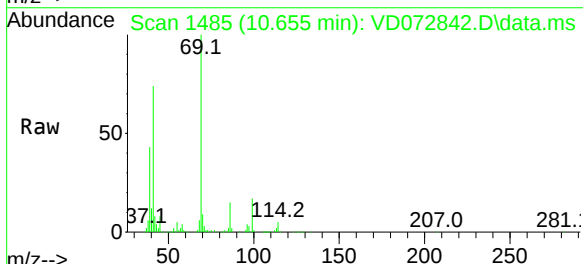
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.0	103.4
85	54.4	42.6	63.8
99	61.8	51.7	77.5

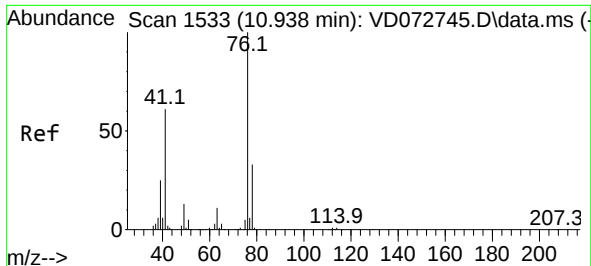


#56
Ethyl methacrylate
Concen: 56.800 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 69 Resp: 263123

Ion	Ratio	Lower	Upper
69	100		
41	71.7	63.0	94.6
39	40.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 51.274 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

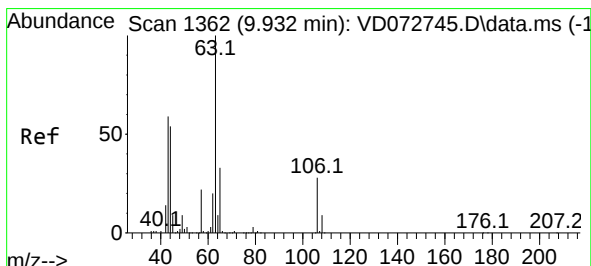
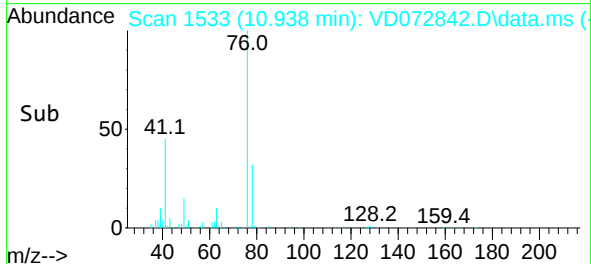
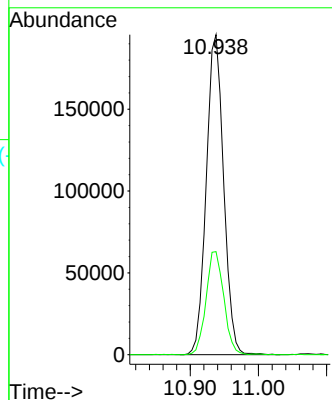
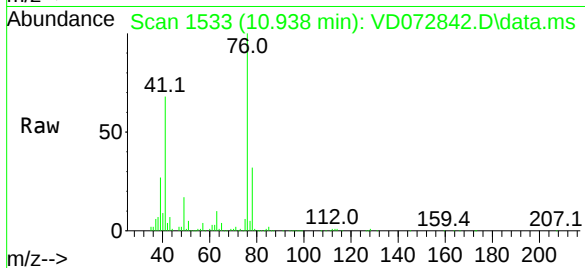
VSTDCCC050EC

Tgt Ion: 76 Resp: 346189

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 277.535 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD072842.D

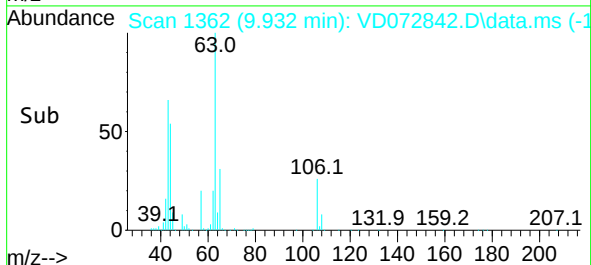
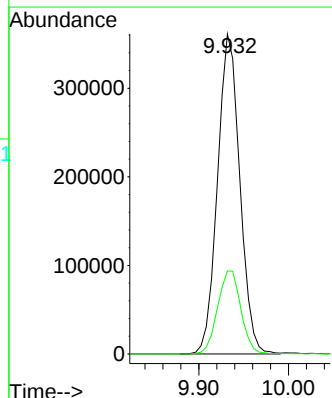
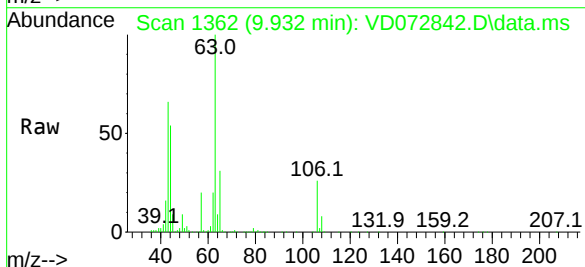
Acq: 06 May 2022 07:58

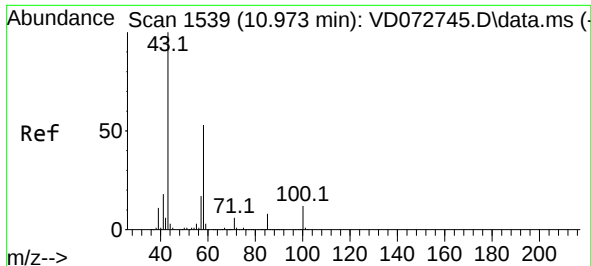
Tgt Ion: 63 Resp: 623343

Ion Ratio Lower Upper

63 100

106 27.1 21.4 32.0

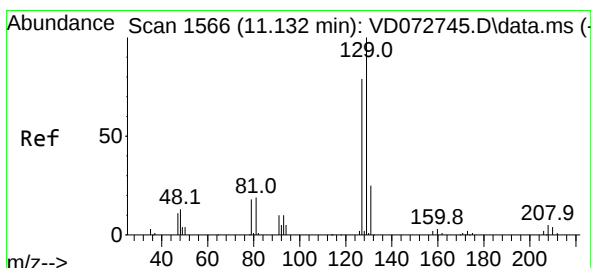
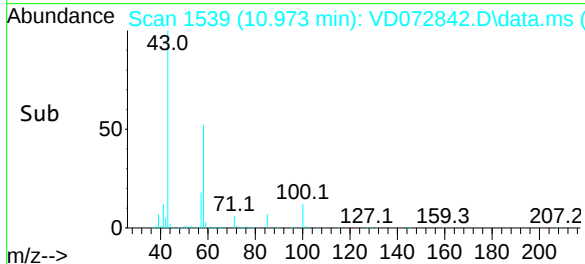
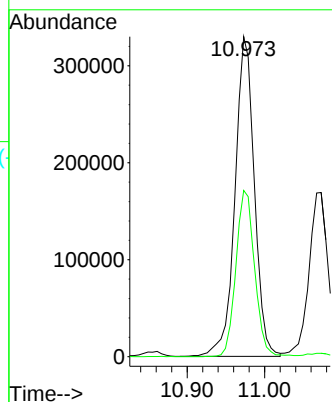
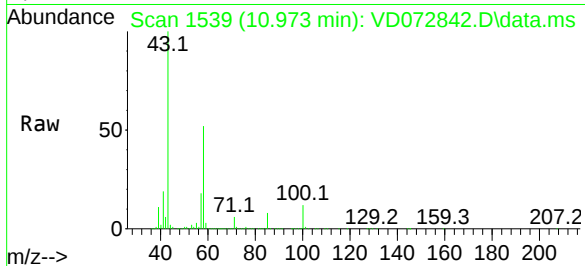




#59
2-Hexanone
Concen: 278.049 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

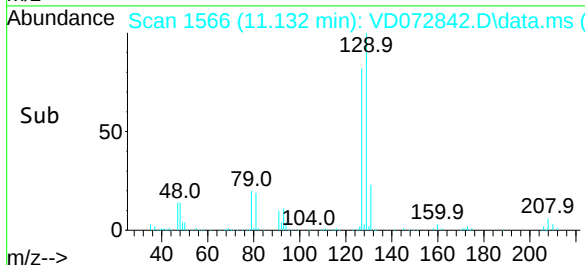
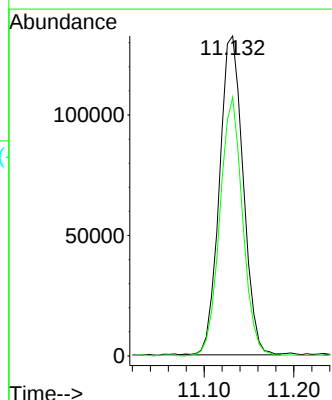
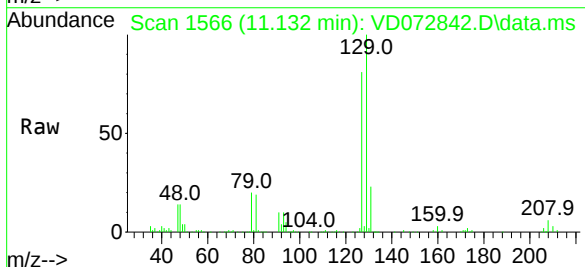
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

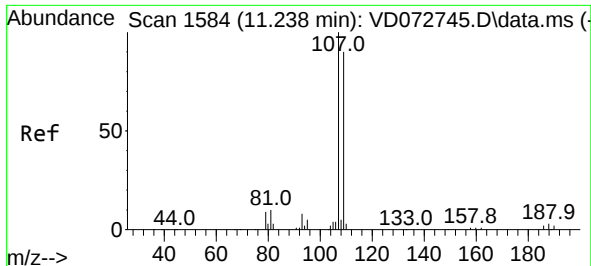
Tgt Ion: 43 Resp: 573875
Ion Ratio Lower Upper
43 100
58 50.4 25.3 75.9



#60
Dibromochloromethane
Concen: 49.043 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 129 Resp: 242904
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6

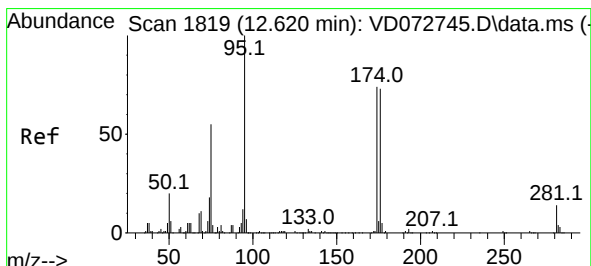
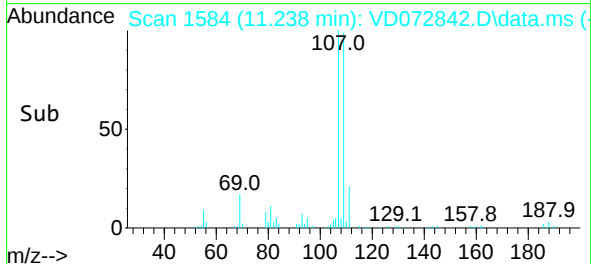
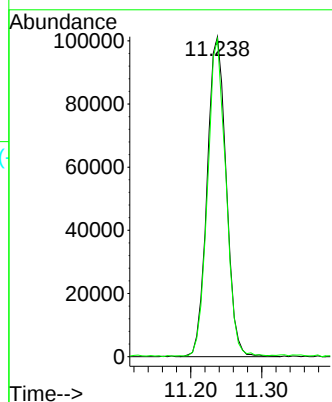
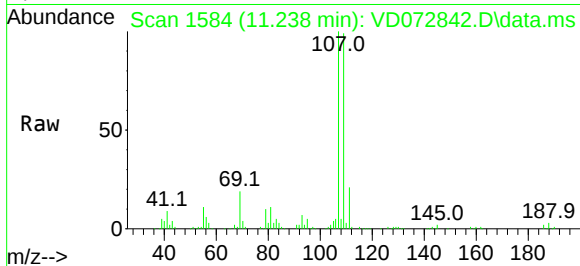




#61
1,2-Dibromoethane
Concen: 49.337 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

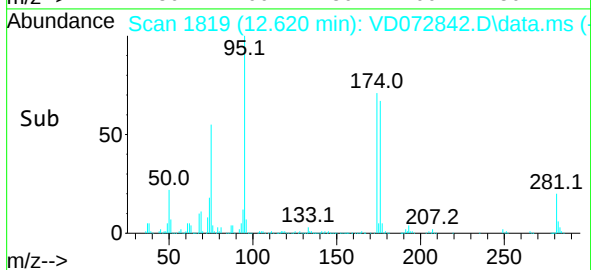
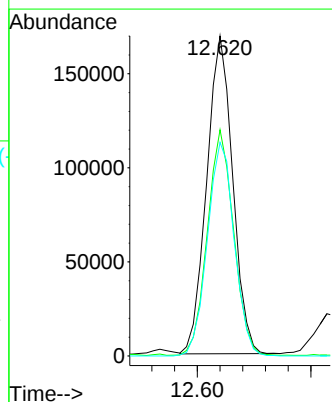
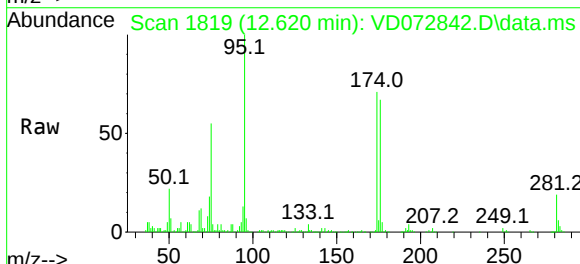
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

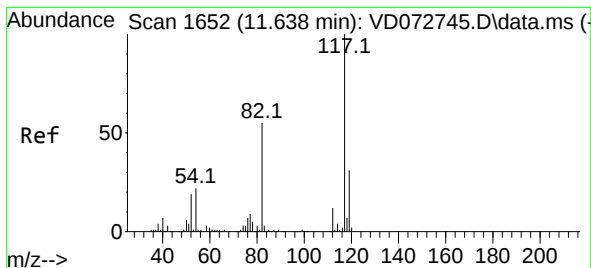
Tgt Ion:107 Resp: 188937
Ion Ratio Lower Upper
107 100
109 95.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 46.969 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 95 Resp: 268781
Ion Ratio Lower Upper
95 100
174 71.5 0.0 152.8
176 69.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

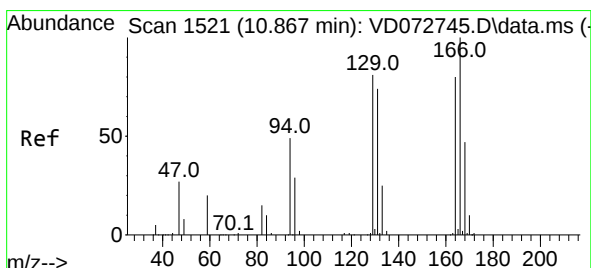
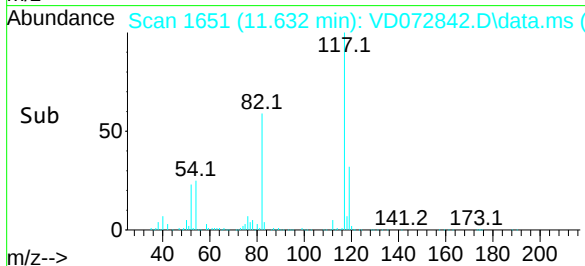
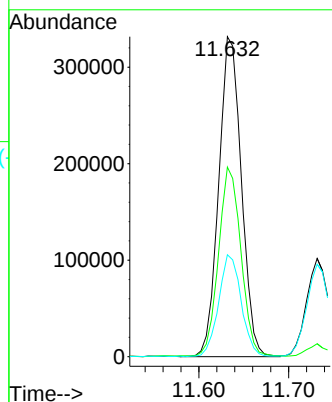
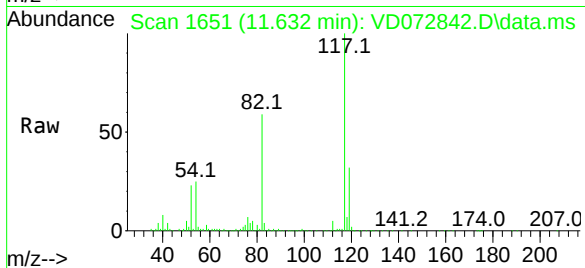
Tgt Ion:117 Resp: 581168

Ion Ratio Lower Upper

117 100

82 58.9 45.3 67.9

119 31.7 26.6 40.0



#64

Tetrachloroethene

Concen: 46.267 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Tgt Ion:164 Resp: 196591

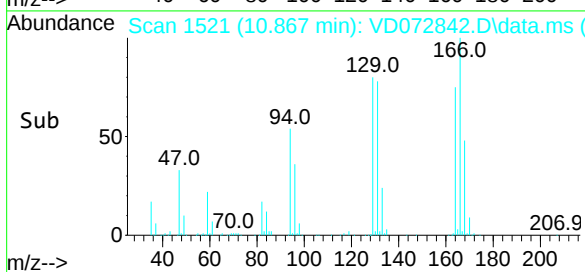
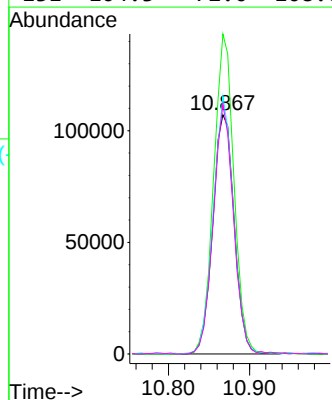
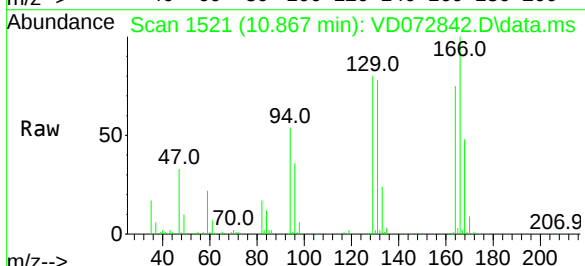
Ion Ratio Lower Upper

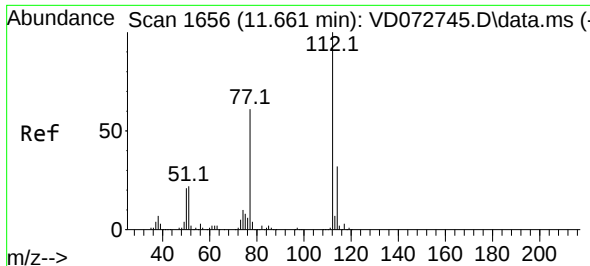
164 100

166 133.8 98.5 147.7

129 107.6 74.6 111.8

131 104.3 72.0 108.0

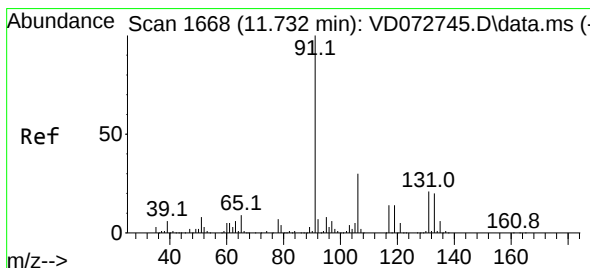
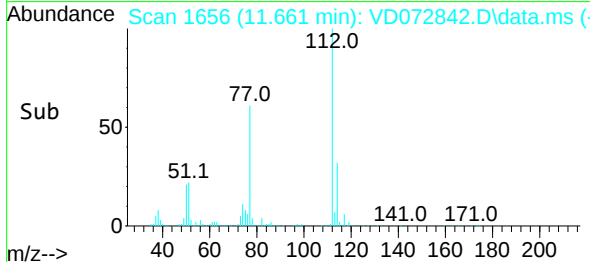
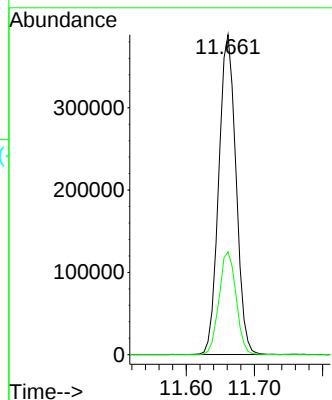
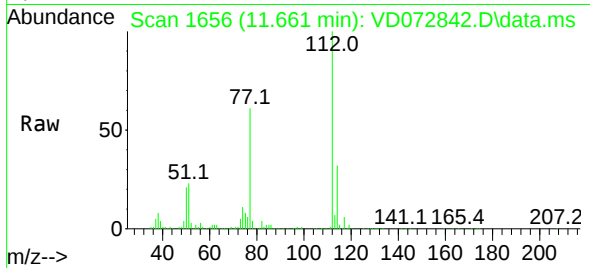




#65
Chlorobenzene
Concen: 50.820 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

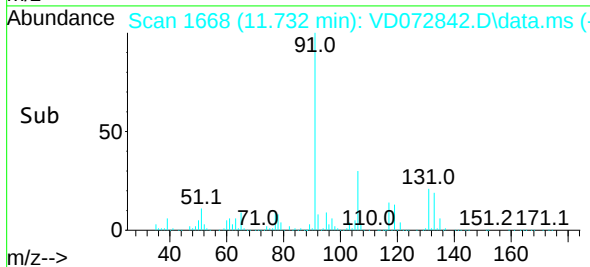
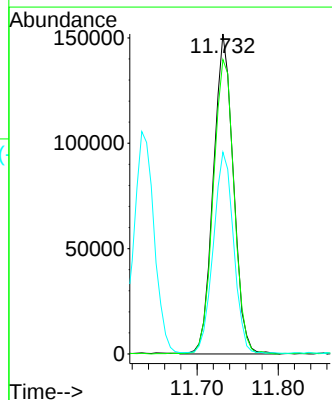
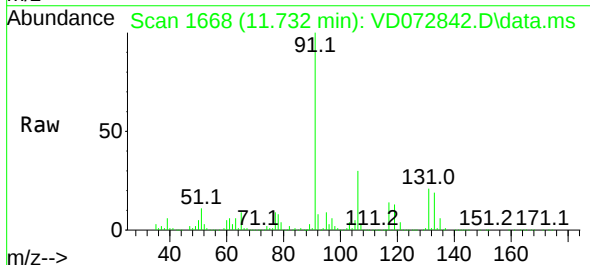
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

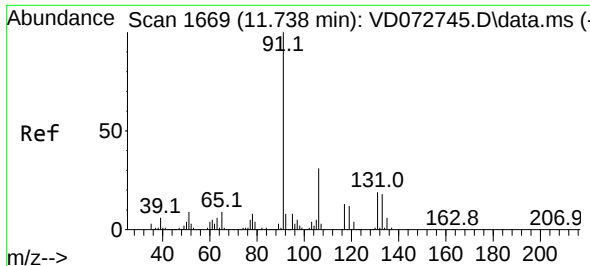
Tgt Ion:112 Resp: 683126
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.531 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion:131 Resp: 260321
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.3
119 63.4 31.9 95.9

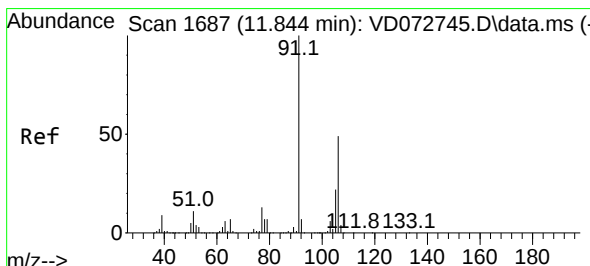
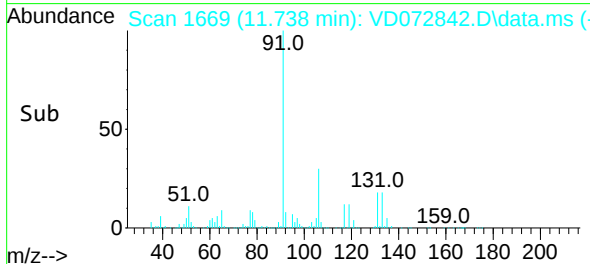
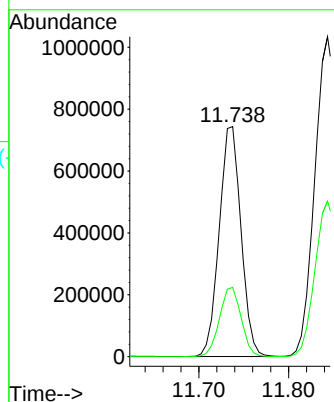
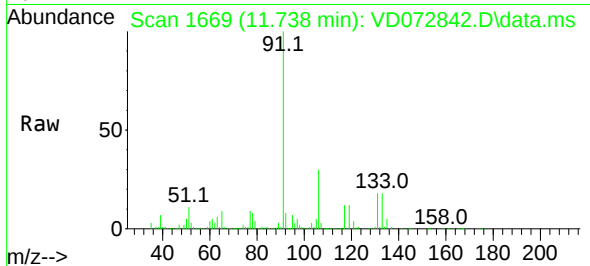




#67
Ethyl Benzene
Concen: 53.993 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

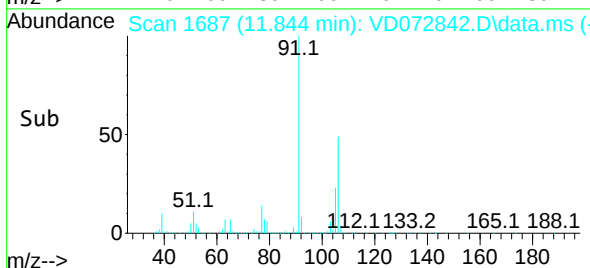
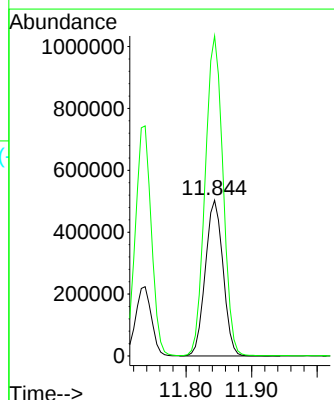
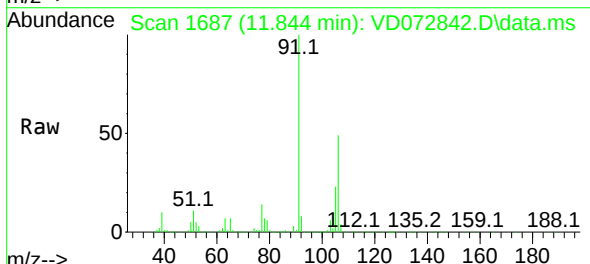
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

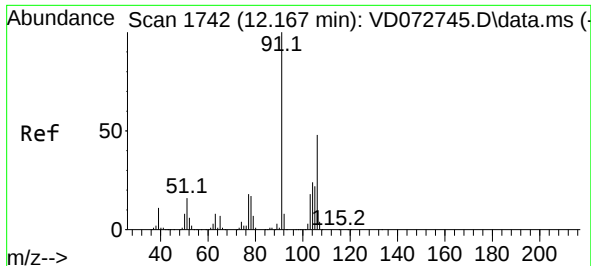
Tgt Ion: 91 Resp: 1256041
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4



#68
m/p-Xylenes
Concen: 105.678 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 106 Resp: 946978
Ion Ratio Lower Upper
106 100
91 206.3 163.7 245.5

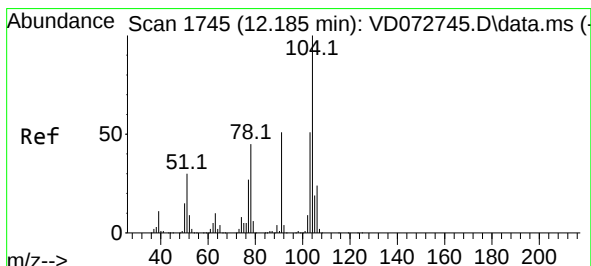
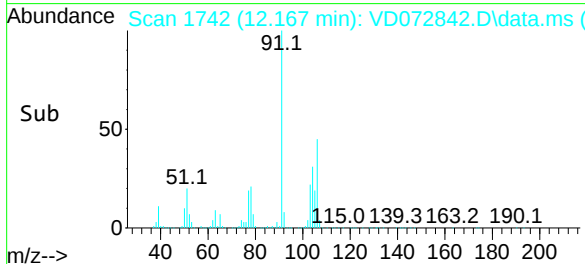
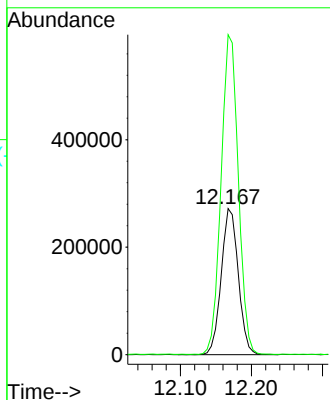
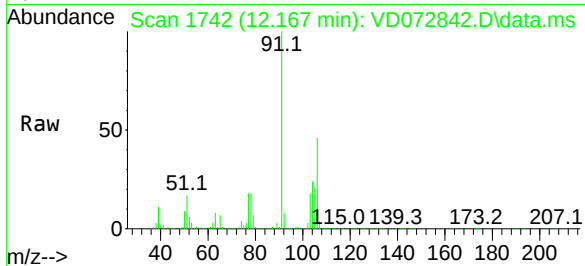




#69
o-Xylene
Concen: 54.032 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

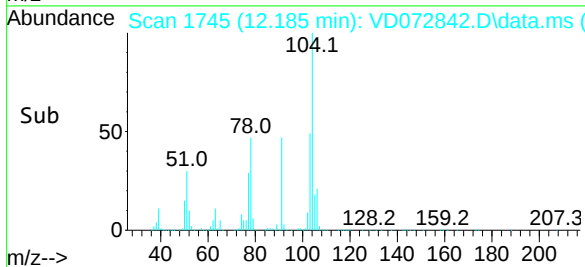
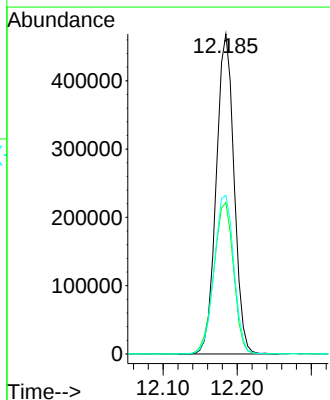
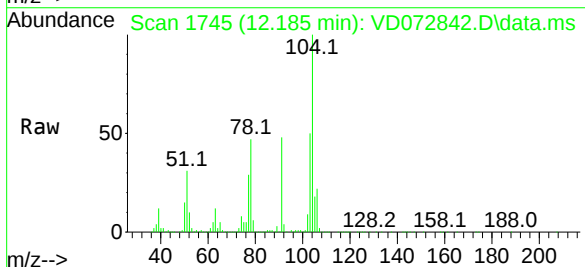
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

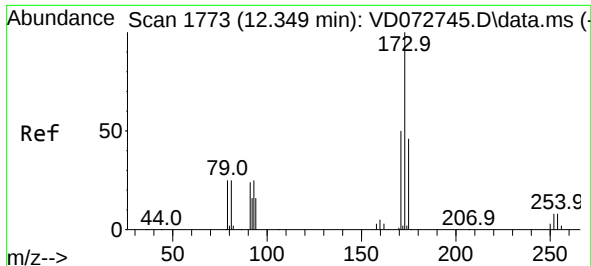
Tgt Ion:106 Resp: 452197
Ion Ratio Lower Upper
106 100
91 221.0 110.4 331.2



#70
Styrene
Concen: 53.899 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion:104 Resp: 781534
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.8
103 55.0 44.2 66.4

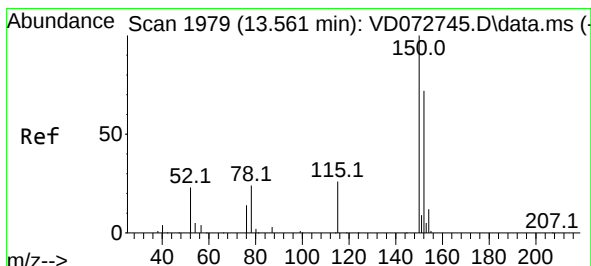
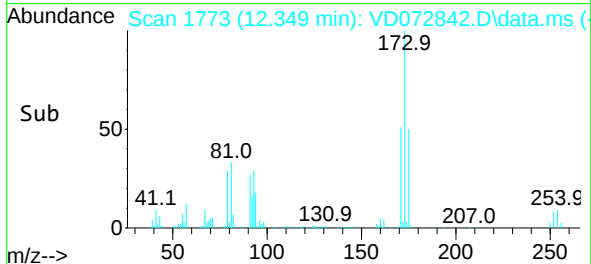
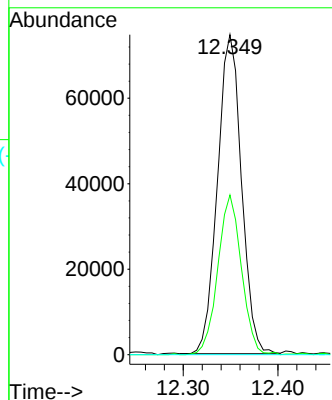
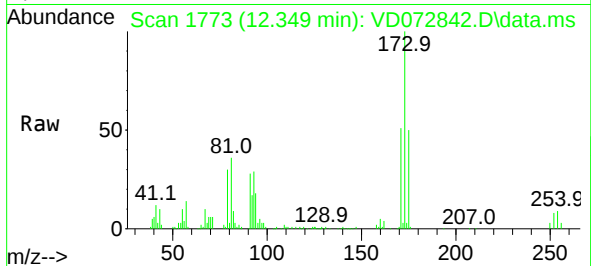




#71
Bromoform
Concen: 48.045 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

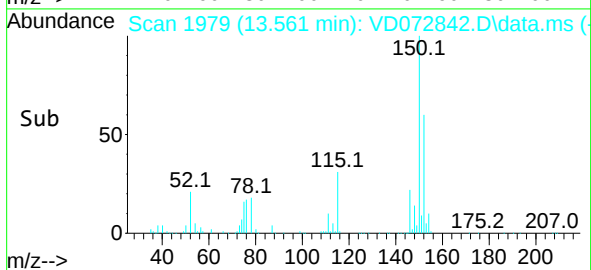
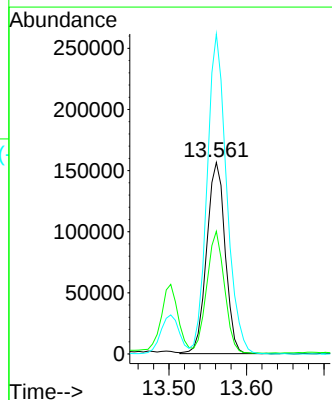
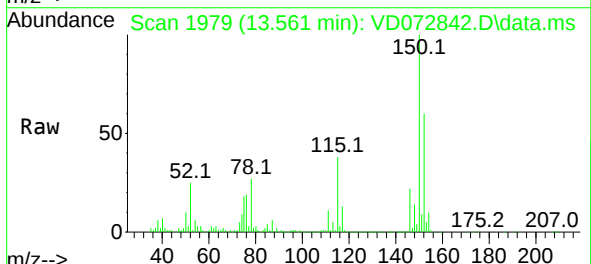
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

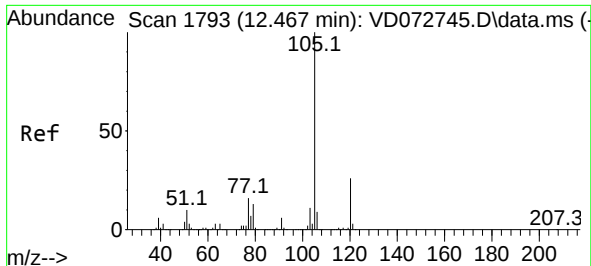
Tgt Ion:173 Resp: 131541
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion:152 Resp: 258481
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 177.2 0.0 348.6

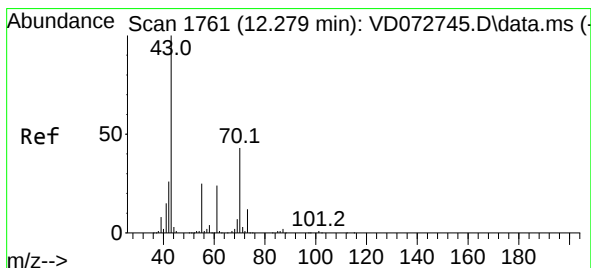
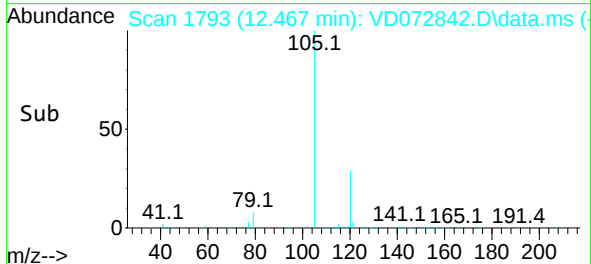
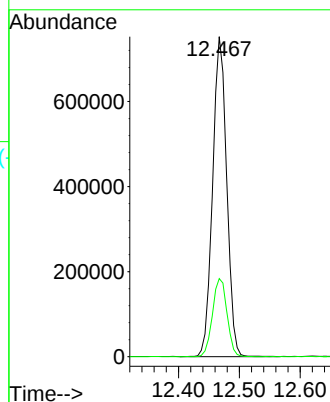
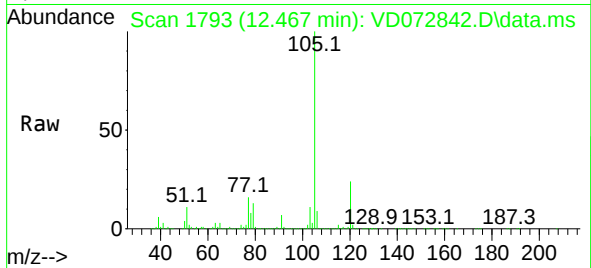




#73
Isopropylbenzene
Concen: 59.932 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

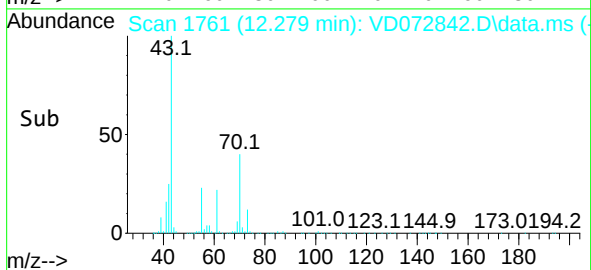
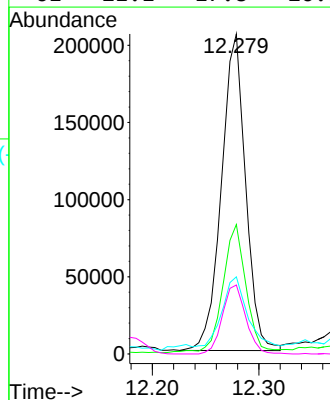
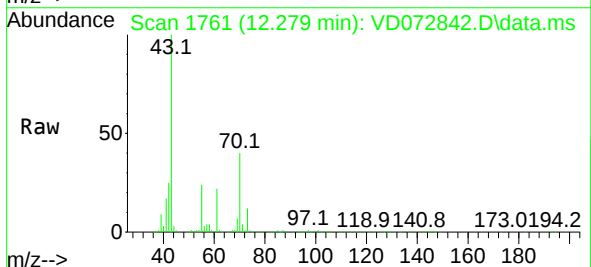
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

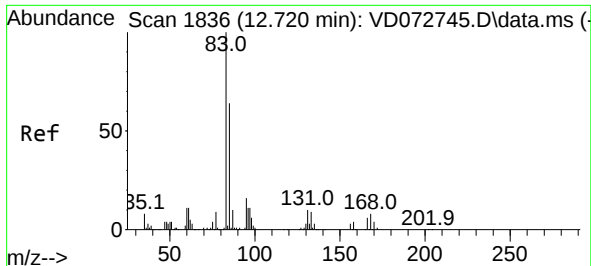
Tgt Ion:105 Resp: 1205262
Ion Ratio Lower Upper
105 100
120 25.2 13.0 38.9



#74
N-ethyl acetate
Concen: 64.623 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 43 Resp: 323643
Ion Ratio Lower Upper
43 100
70 38.8 31.3 46.9
55 26.4 20.0 30.0
61 21.1 17.8 26.8

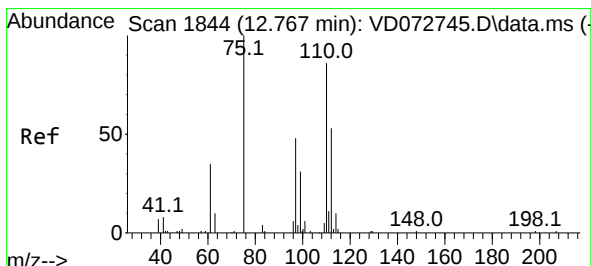
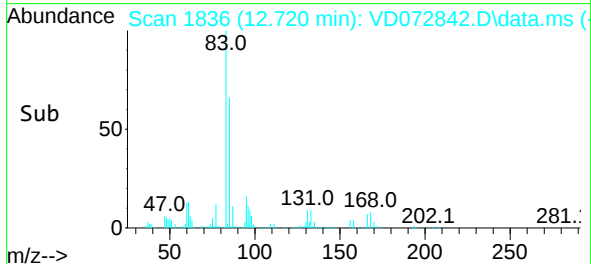
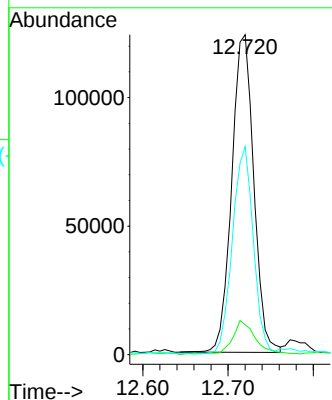
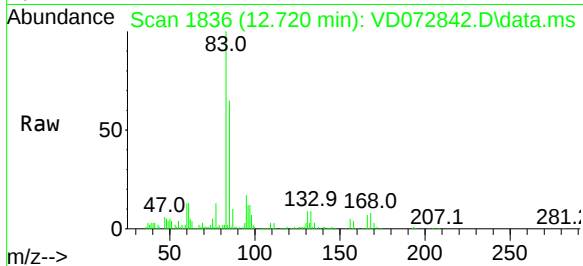




#75
1,1,2,2-Tetrachloroethane
Concen: 54.744 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

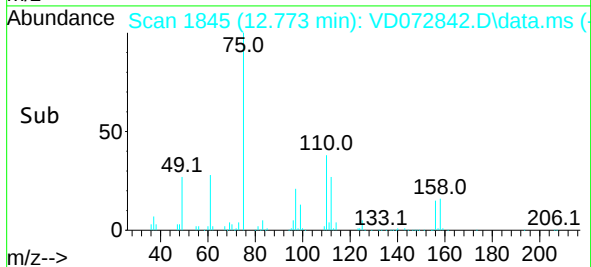
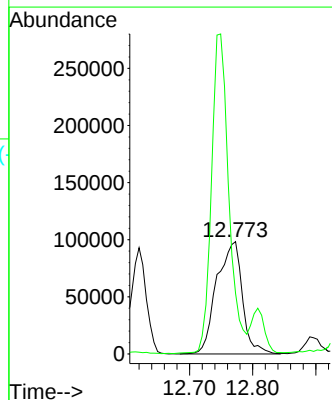
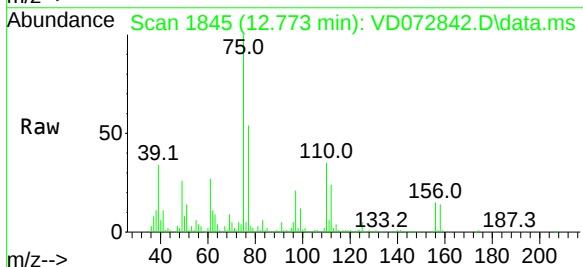
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

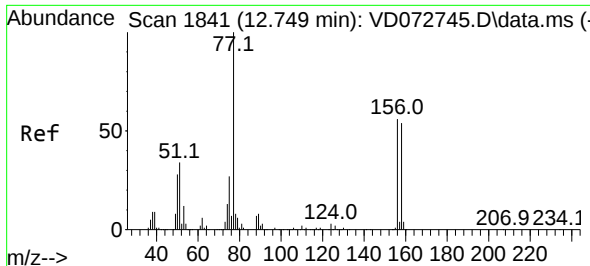
Tgt Ion: 83 Resp: 222235
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 62.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 96.207 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 75 Resp: 277290
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

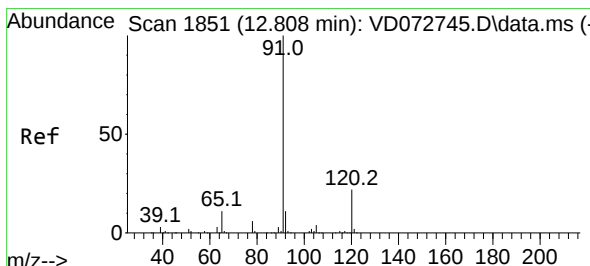
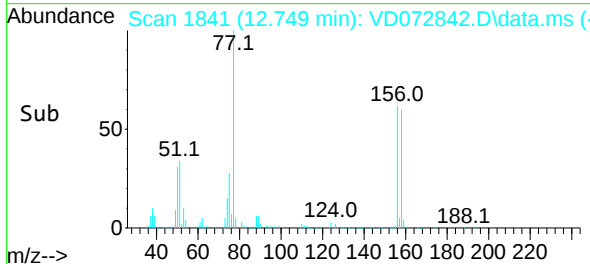
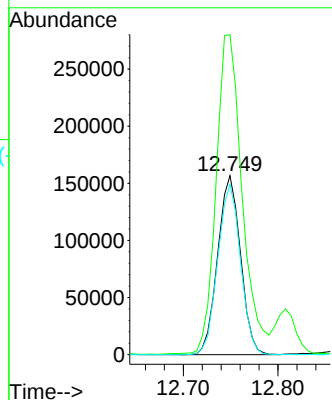
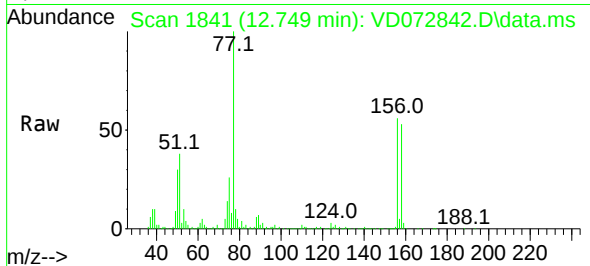




#77
Bromobenzene
Concen: 55.018 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

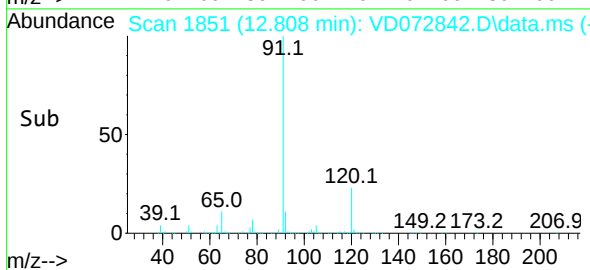
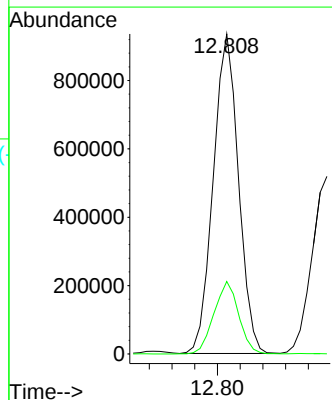
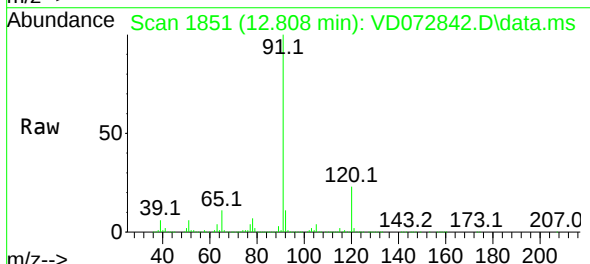
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

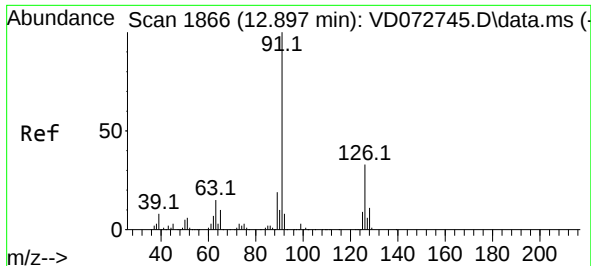
Tgt Ion:156 Resp: 262740
Ion Ratio Lower Upper
156 100
77 203.9 102.8 308.3
158 94.7 48.7 146.1



#78
n-propylbenzene
Concen: 56.883 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 91 Resp: 1441759
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9

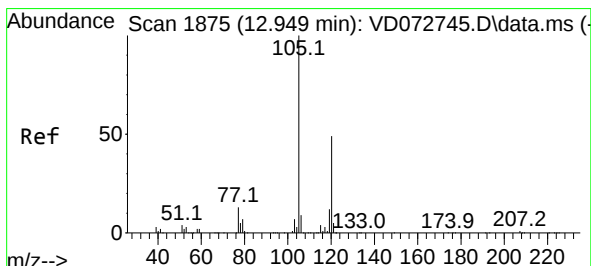
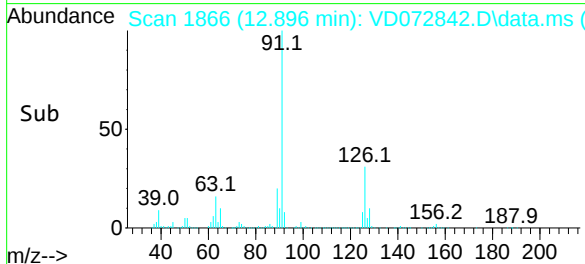
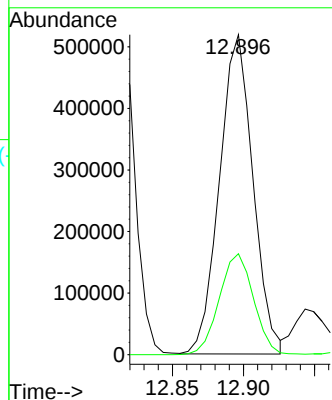
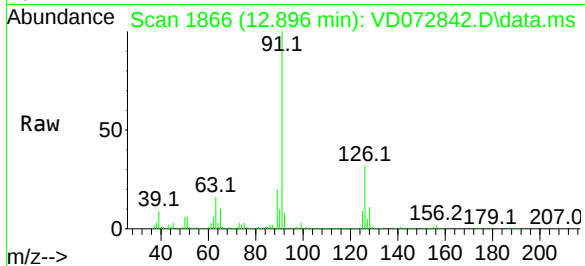




#79
2-Chlorotoluene
Concen: 57.408 ug/l
RT: 12.896 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

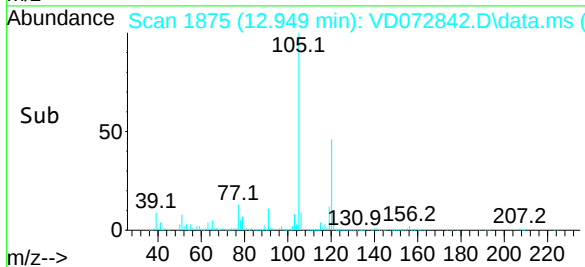
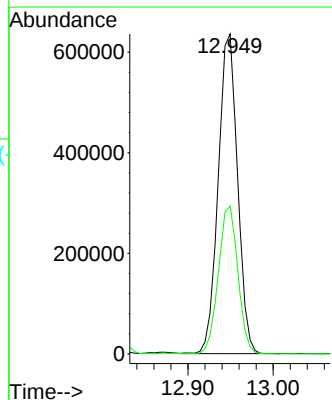
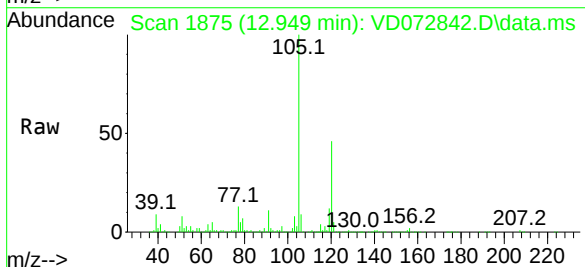
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

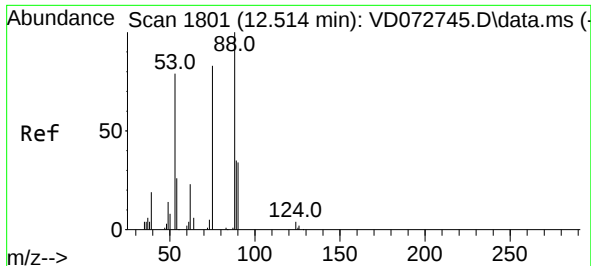
Tgt Ion: 91 Resp: 849988
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 58.775 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion:105 Resp: 1002255
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.8

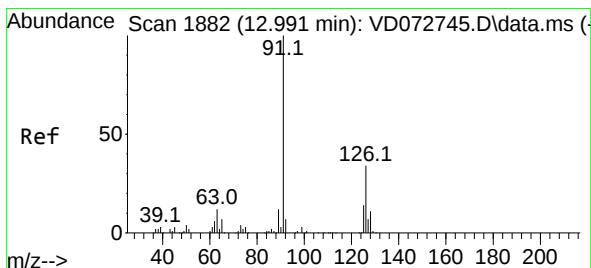
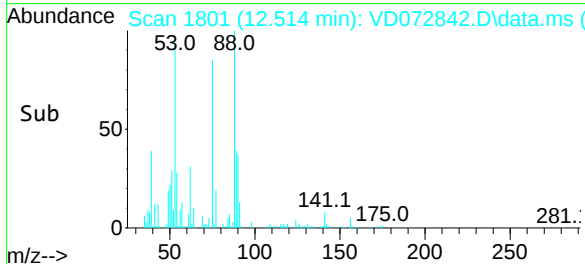
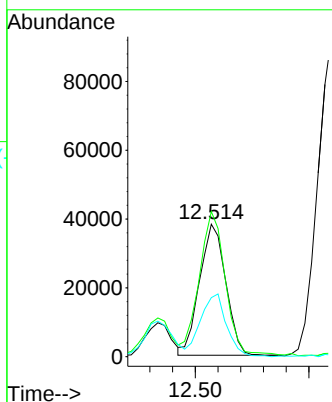
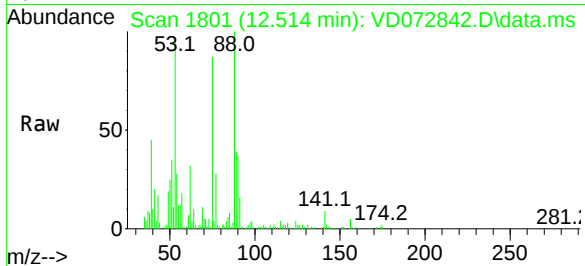




#81
trans-1,4-Dichloro-2-butene
Concen: 48.659 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

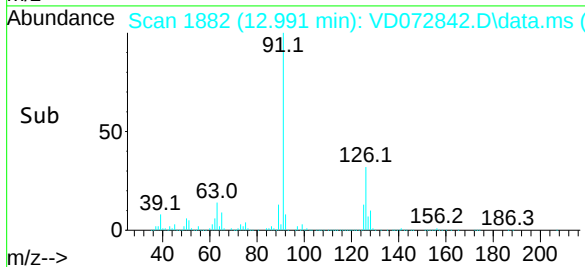
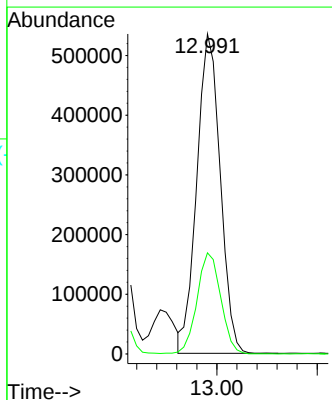
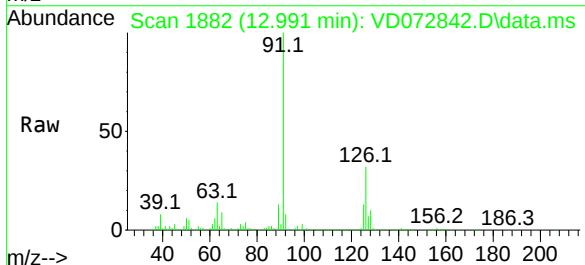
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

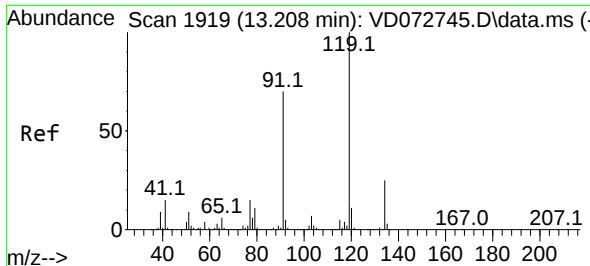
Tgt Ion: 75 Resp: 60987
Ion Ratio Lower Upper
75 100
53 107.9 86.5 129.7
89 47.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 56.129 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion: 91 Resp: 868305
Ion Ratio Lower Upper
91 100
126 32.1 16.5 49.5

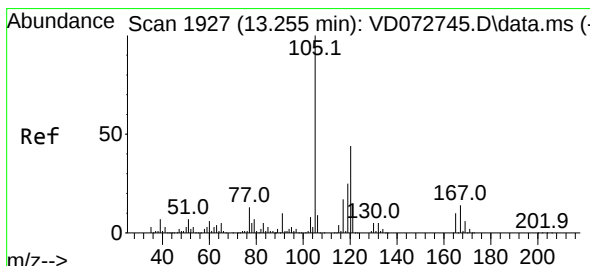
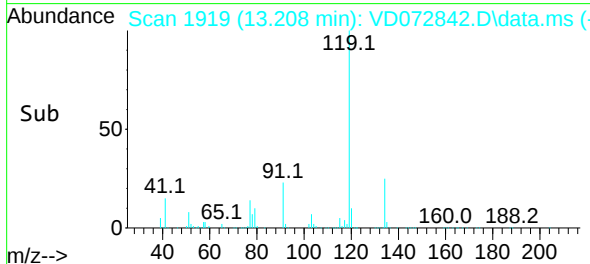
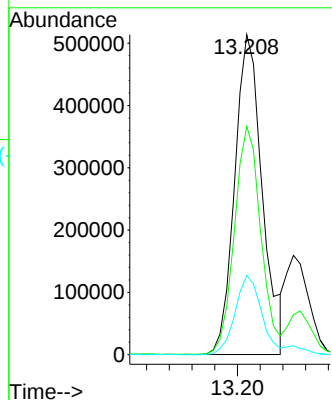
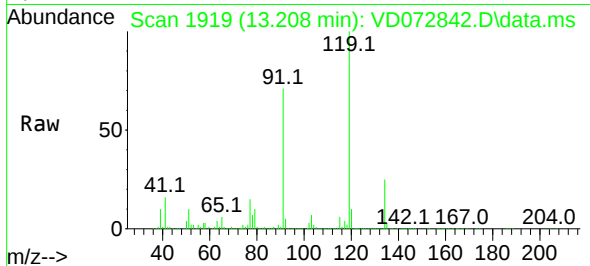




#83
tert-Butylbenzene
Concen: 59.821 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

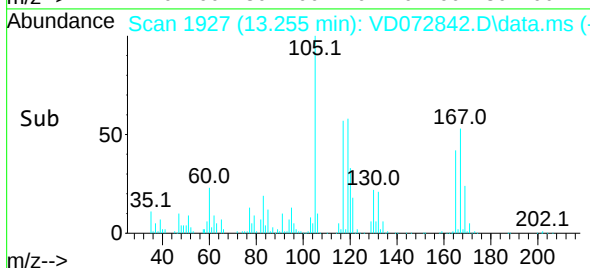
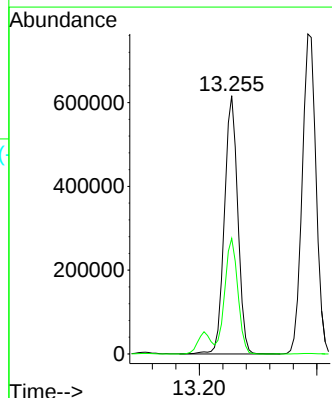
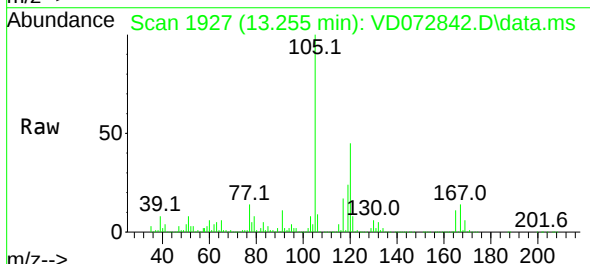
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

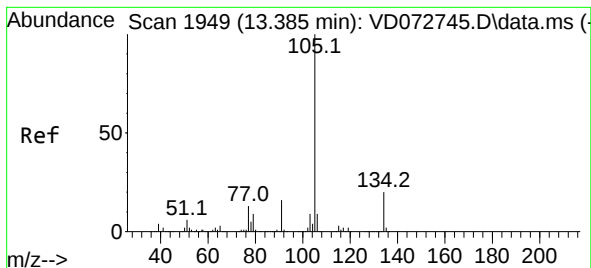
Tgt Ion:119 Resp: 867250
Ion Ratio Lower Upper
119 100
91 68.3 34.8 104.5
134 25.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 57.043 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion:105 Resp: 972303
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 56.963 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

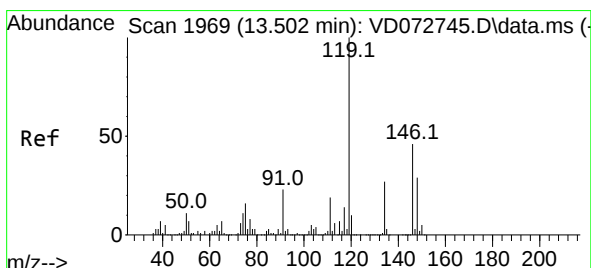
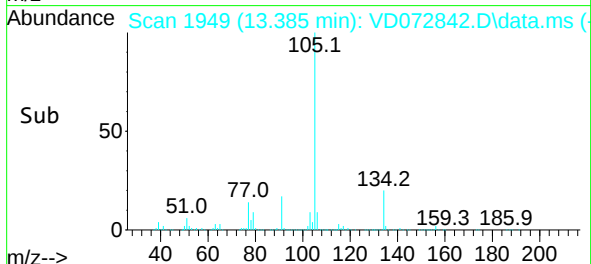
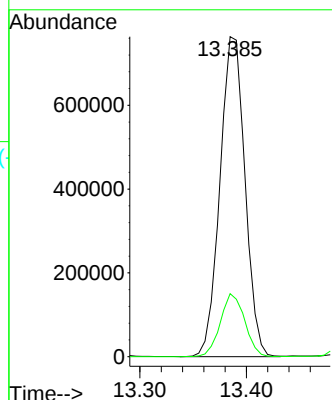
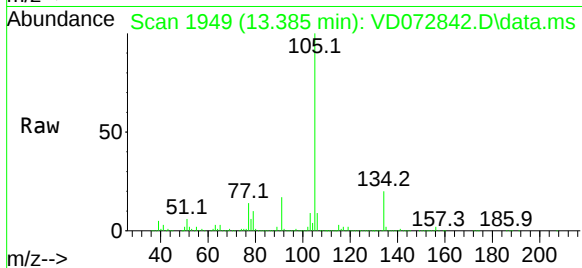
VSTDCCC050EC

Tgt Ion:105 Resp: 1245533

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 56.367 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

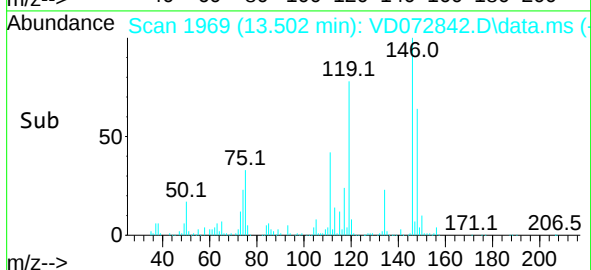
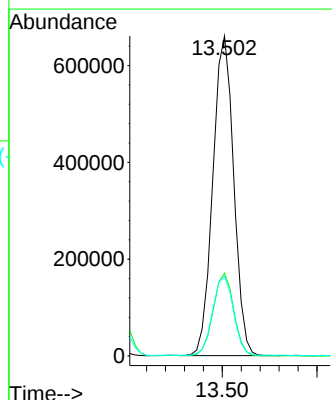
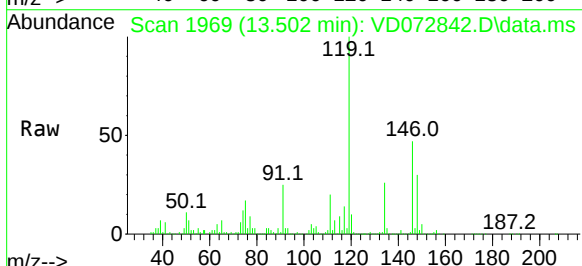
Tgt Ion:119 Resp: 1010521

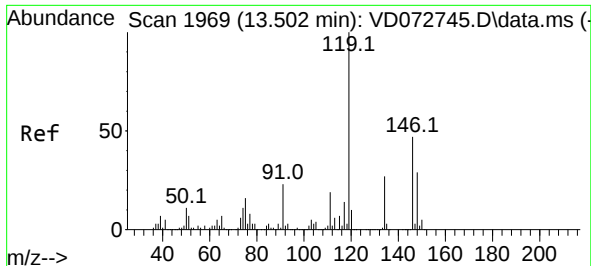
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 53.246 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

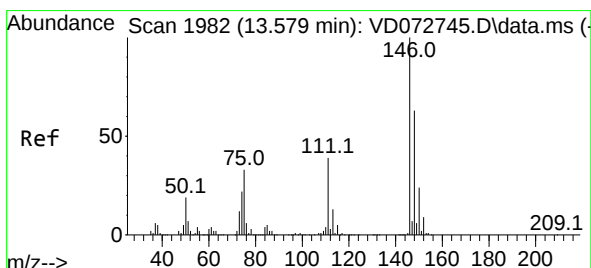
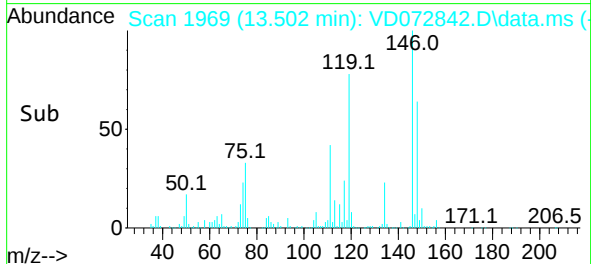
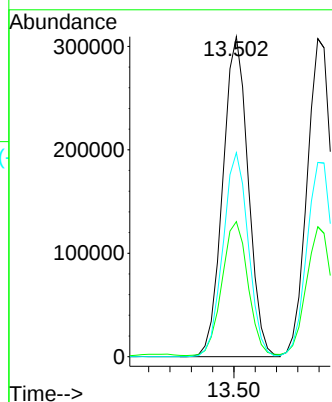
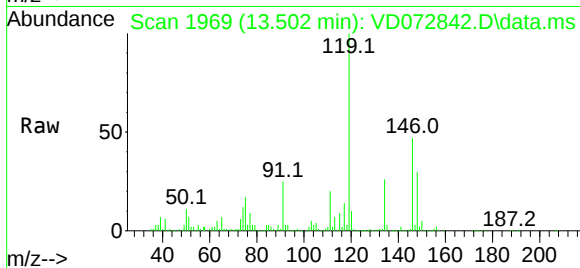
Tgt Ion:146 Resp: 512240

Ion Ratio Lower Upper

146 100

111 42.7 20.4 61.3

148 63.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 52.343 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

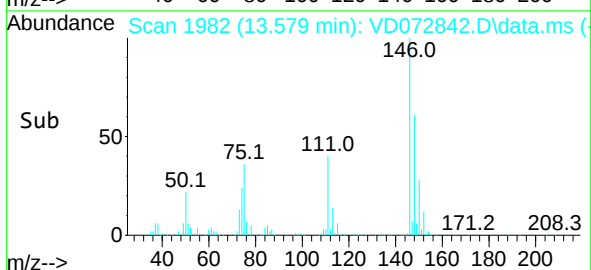
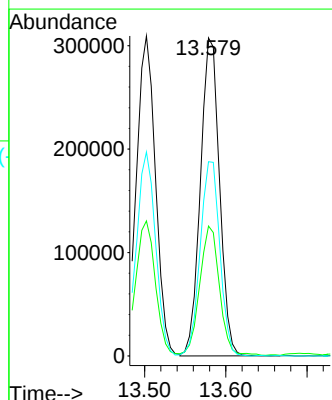
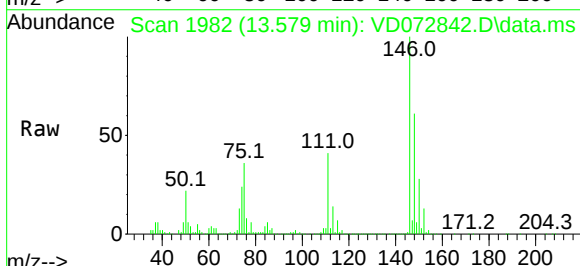
Tgt Ion:146 Resp: 501461

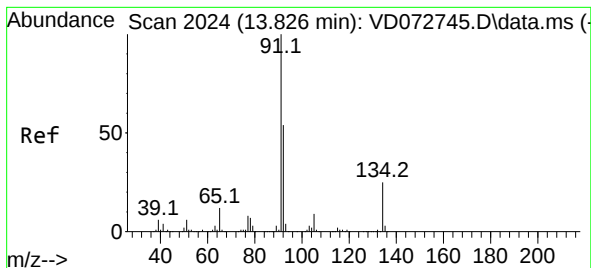
Ion Ratio Lower Upper

146 100

111 41.9 20.3 60.9

148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 54.327 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD072842.D

Acq: 06 May 2022 07:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

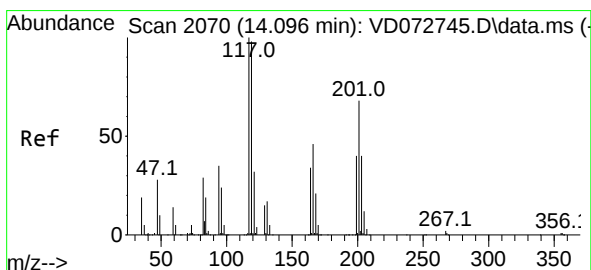
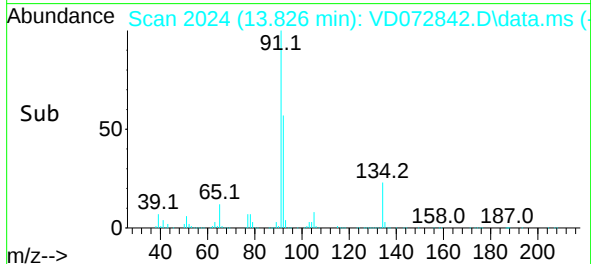
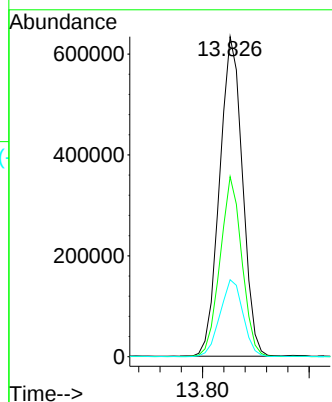
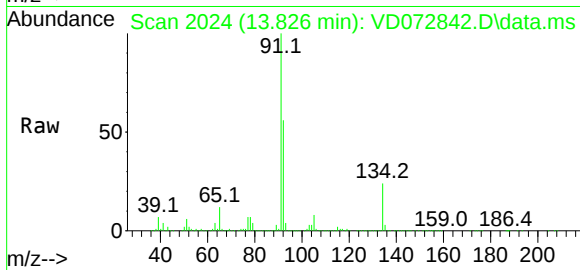
Tgt Ion: 91 Resp: 943477

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.8

134 24.3 12.3 36.9



#90

Hexachloroethane

Concen: 55.288 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD072842.D

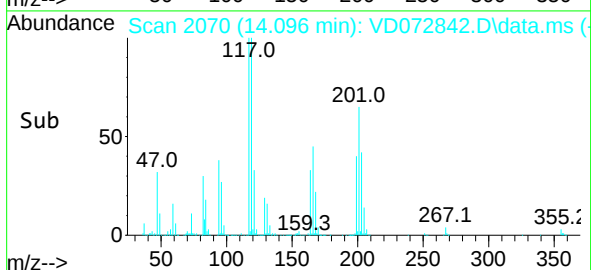
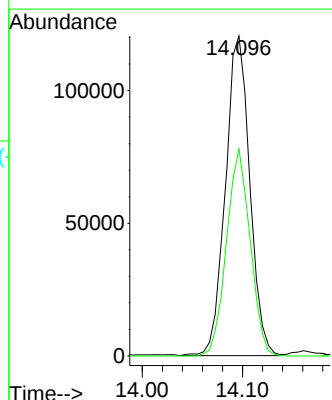
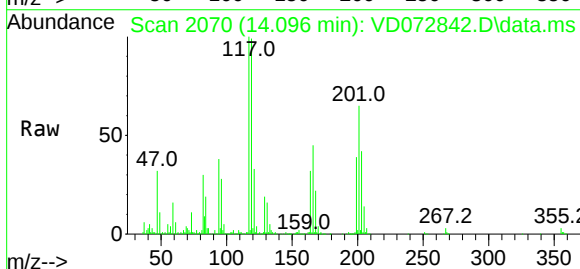
Acq: 06 May 2022 07:58

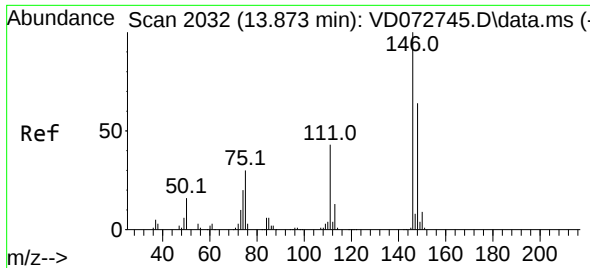
Tgt Ion: 117 Resp: 203053

Ion Ratio Lower Upper

117 100

201 63.1 33.4 100.2

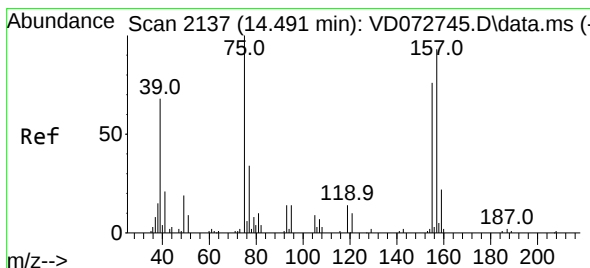
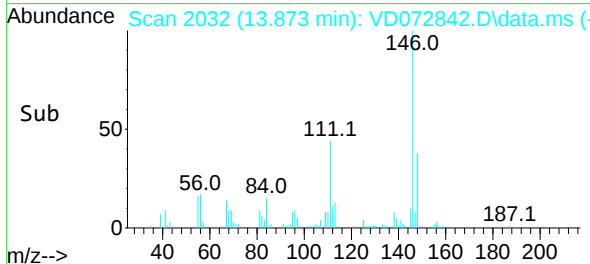
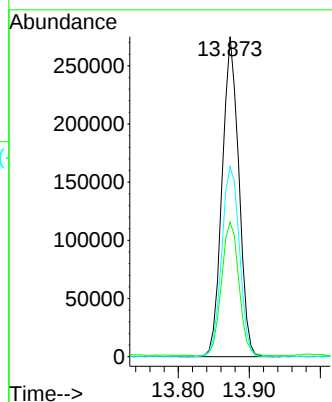
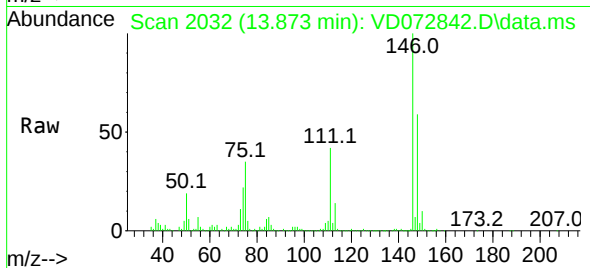




#91
 1,2-Dichlorobenzene
 Concen: 53.387 ug/l
 RT: 13.873 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD072842.D
 Acq: 06 May 2022 07:58

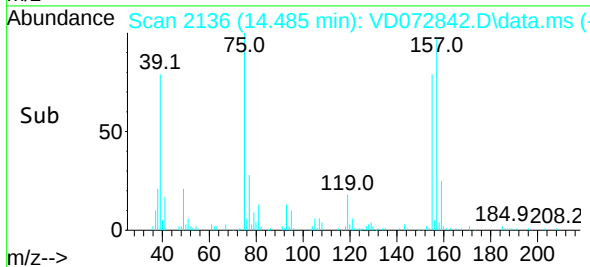
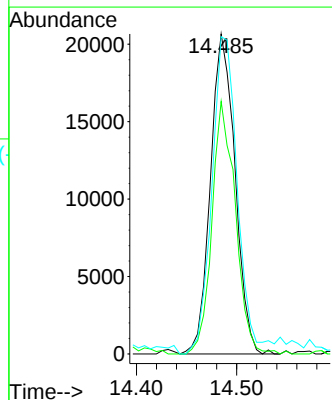
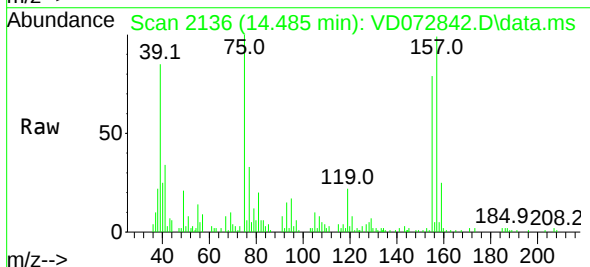
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

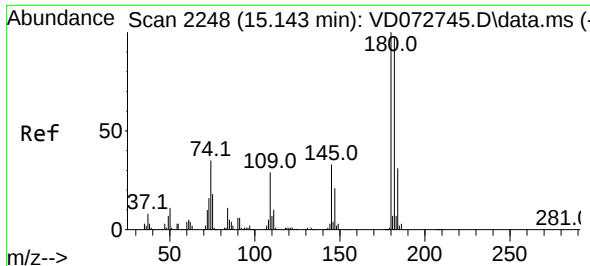
Tgt Ion:146 Resp: 447606
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.1 63.3
 148 63.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.684 ug/l
 RT: 14.485 min Scan# 2136
 Delta R.T. -0.006 min
 Lab File: VD072842.D
 Acq: 06 May 2022 07:58

Tgt Ion: 75 Resp: 35190
 Ion Ratio Lower Upper
 75 100
 155 75.4 36.8 110.3
 157 101.7 48.4 145.0

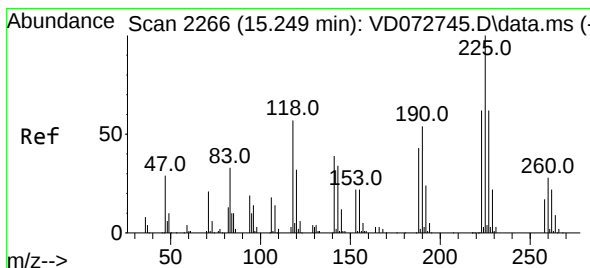
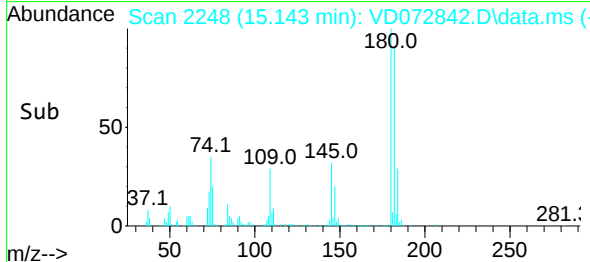
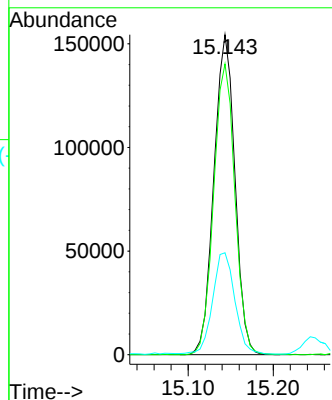
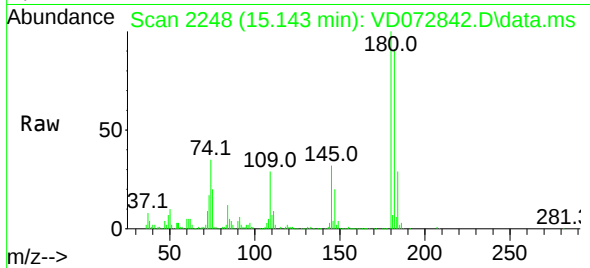




#93
1,2,4-Trichlorobenzene
Concen: 53.182 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

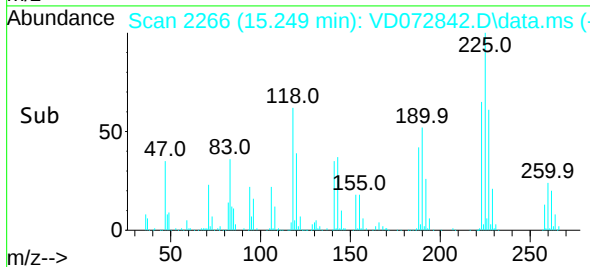
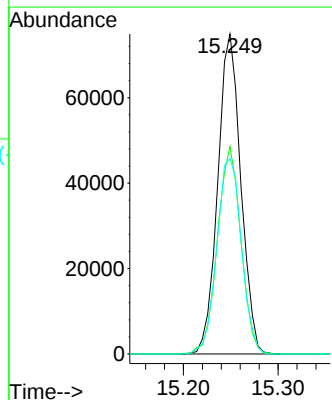
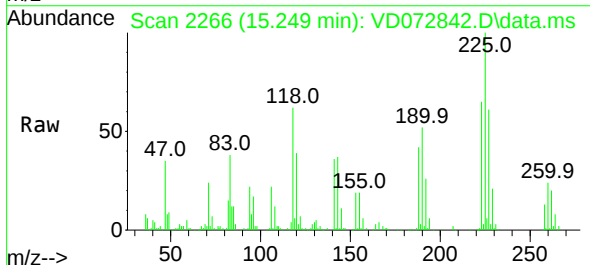
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

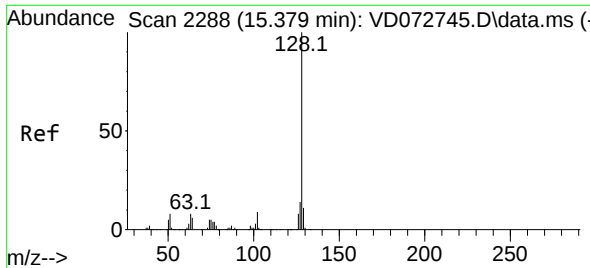
Tgt Ion:180 Resp: 264068
Ion Ratio Lower Upper
180 100
182 92.2 47.3 142.0
145 33.5 16.2 48.5



#94
Hexachlorobutadiene
Concen: 46.735 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion:225 Resp: 126734
Ion Ratio Lower Upper
225 100
223 65.7 31.1 93.2
227 65.4 32.4 97.0

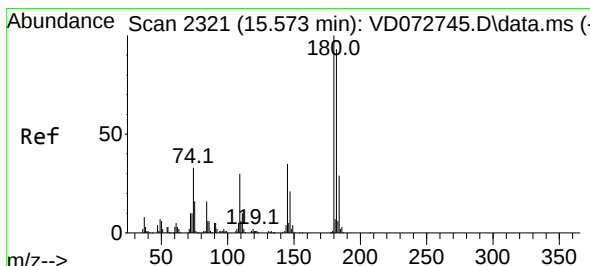
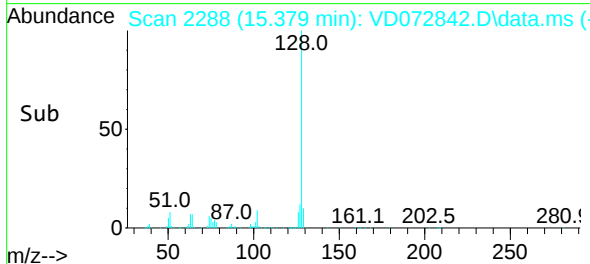
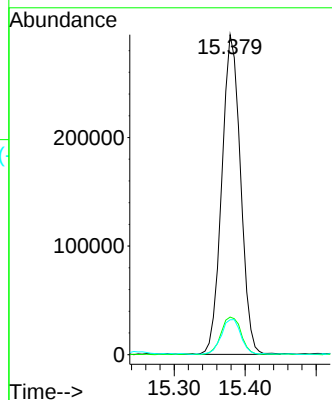
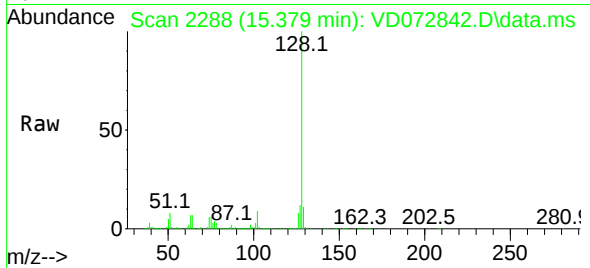




#95
Naphthalene
Concen: 58.927 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 537959
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 51.703 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD072842.D
Acq: 06 May 2022 07:58

Tgt Ion:180 Resp: 227573
Ion Ratio Lower Upper
180 100
182 96.9 47.6 142.9
145 37.4 17.1 51.3

