

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071719.D
 Acq On : 13 Jan 2022 19:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 14 04:07:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	272204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	458828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	447740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	224900	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206779	59.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.080%	
35) Dibromofluoromethane	7.908	113	171137	56.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.880%	
50) Toluene-d8	10.332	98	647987	57.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.180%	
62) 4-Bromofluorobenzene	12.620	95	227980	56.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	98758	47.852	ug/l	98
3) Chloromethane	2.209	50	152845	56.654	ug/l	96
4) Vinyl Chloride	2.344	62	182054	53.791	ug/l	97
5) Bromomethane	2.762	94	118245	52.332	ug/l	100
6) Chloroethane	2.920	64	127390	52.818	ug/l	97
7) Trichlorofluoromethane	3.267	101	228078	47.538	ug/l	94
8) Diethyl Ether	3.709	74	68824	54.541	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	140530	50.113	ug/l	97
10) Methyl Iodide	4.291	142	108745	40.558	ug/l	99
11) Tert butyl alcohol	5.214	59	64313	399.825	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	118277	48.605	ug/l	98
13) Acrolein	3.920	56	75889	221.992	ug/l	100
14) Allyl chloride	4.708	41	245358	50.850	ug/l	98
15) Acrylonitrile	5.414	53	200095	300.054	ug/l	98
16) Acetone	4.156	43	259673	321.124	ug/l	98
17) Carbon Disulfide	4.403	76	284931	46.680	ug/l	99
18) Methyl Acetate	4.720	43	165787	71.577	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	371171	57.783	ug/l	97
20) Methylene Chloride	4.956	84	159181	53.419	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	138315	49.772	ug/l	100
22) Diisopropyl ether	6.361	45	572314	55.083	ug/l	96
23) Vinyl Acetate	6.303	43	1418577	292.570	ug/l	99
24) 1,1-Dichloroethane	6.255	63	302265	50.967	ug/l	97
25) 2-Butanone	7.208	43	307227	321.567	ug/l	95
26) 2,2-Dichloropropane	7.202	77	239390	48.070	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	171519	52.292	ug/l	99
28) Bromochloromethane	7.544	49	162725	56.325	ug/l	97
29) Tetrahydrofuran	7.561	42	178476	324.724	ug/l	99
30) Chloroform	7.702	83	323624	53.364	ug/l	97
31) Cyclohexane	7.979	56	236604	48.809	ug/l #	96
32) 1,1,1-Trichloroethane	7.897	97	269931	50.500	ug/l	100
36) 1,1-Dichloropropene	8.108	75	215336	49.784	ug/l	99
37) Ethyl Acetate	7.291	43	118263	58.910	ug/l	95
38) Carbon Tetrachloride	8.091	117	230850	52.701	ug/l	97
39) Methylcyclohexane	9.349	83	231677	49.587	ug/l	95
40) Benzene	8.344	78	619858	52.011	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	74582	60.026	ug/l	98
42) 1,2-Dichloroethane	8.420	62	220553	54.671	ug/l	98
43) Isopropyl Acetate	8.449	43	233764	61.860	ug/l	98
44) Trichloroethene	9.108	130	156544	51.041	ug/l	92
45) 1,2-Dichloropropane	9.379	63	176630	54.826	ug/l	98
46) Dibromomethane	9.473	93	96434	58.481	ug/l	98
47) Bromodichloromethane	9.655	83	252180	55.702	ug/l	94
48) Methyl methacrylate	9.449	41	120579	63.142	ug/l	93
49) 1,4-Dioxane	9.455	88	23740	1435.990	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	670190	335.751	ug/l	100
52) Toluene	10.396	92	400946	53.447	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	230050	57.926	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	254230	54.292	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	130453	60.346	ug/l	97
56) Ethyl methacrylate	10.655	69	172051	64.931	ug/l	94
57) 1,3-Dichloropropane	10.938	76	230254	57.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	465487	318.220	ug/l	100
59) 2-Hexanone	10.979	43	495908	355.702	ug/l	98
60) Dibromochloromethane	11.132	129	162138	58.924	ug/l	99
61) 1,2-Dibromoethane	11.238	107	122583	59.270	ug/l	98
64) Tetrachloroethene	10.867	164	132833	50.506	ug/l	98
65) Chlorobenzene	11.661	112	427194	49.860	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	166235	51.170	ug/l	99
67) Ethyl Benzene	11.738	91	799221	50.811	ug/l	98
68) m/p-Xylenes	11.843	106	607612	103.863	ug/l	98
69) o-Xylene	12.173	106	287257	51.878	ug/l	98
70) Styrene	12.185	104	508645	53.593	ug/l	99
71) Bromoform	12.349	173	93771	59.113	ug/l #	100
73) Isopropylbenzene	12.467	105	779492	48.230	ug/l	98
74) N-amyl acetate	12.279	43	228406	57.613	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	156165	54.528	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	202550	93.205	ug/l #	100
77) Bromobenzene	12.749	156	171922	49.245	ug/l	96
78) n-propylbenzene	12.808	91	989655	48.688	ug/l	100
79) 2-Chlorotoluene	12.896	91	554036	48.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	659092	48.807	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	45389	58.228	ug/l	94
82) 4-Chlorotoluene	12.996	91	586762	49.368	ug/l	100
83) tert-Butylbenzene	13.214	119	560471	48.572	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	656094	49.130	ug/l	99
85) sec-Butylbenzene	13.390	105	859418	48.627	ug/l	100
86) p-Isopropyltoluene	13.502	119	718465	49.513	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	355909	49.400	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	353919	48.151	ug/l	99
89) n-Butylbenzene	13.832	91	702926	48.372	ug/l	99
90) Hexachloroethane	14.096	117	141273	49.209	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	315882	51.158	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27498	59.738	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	188592	52.998	ug/l	99
94) Hexachlorobutadiene	15.249	225	99764	47.823	ug/l	99
95) Naphthalene	15.384	128	370696	58.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	164258	54.172	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

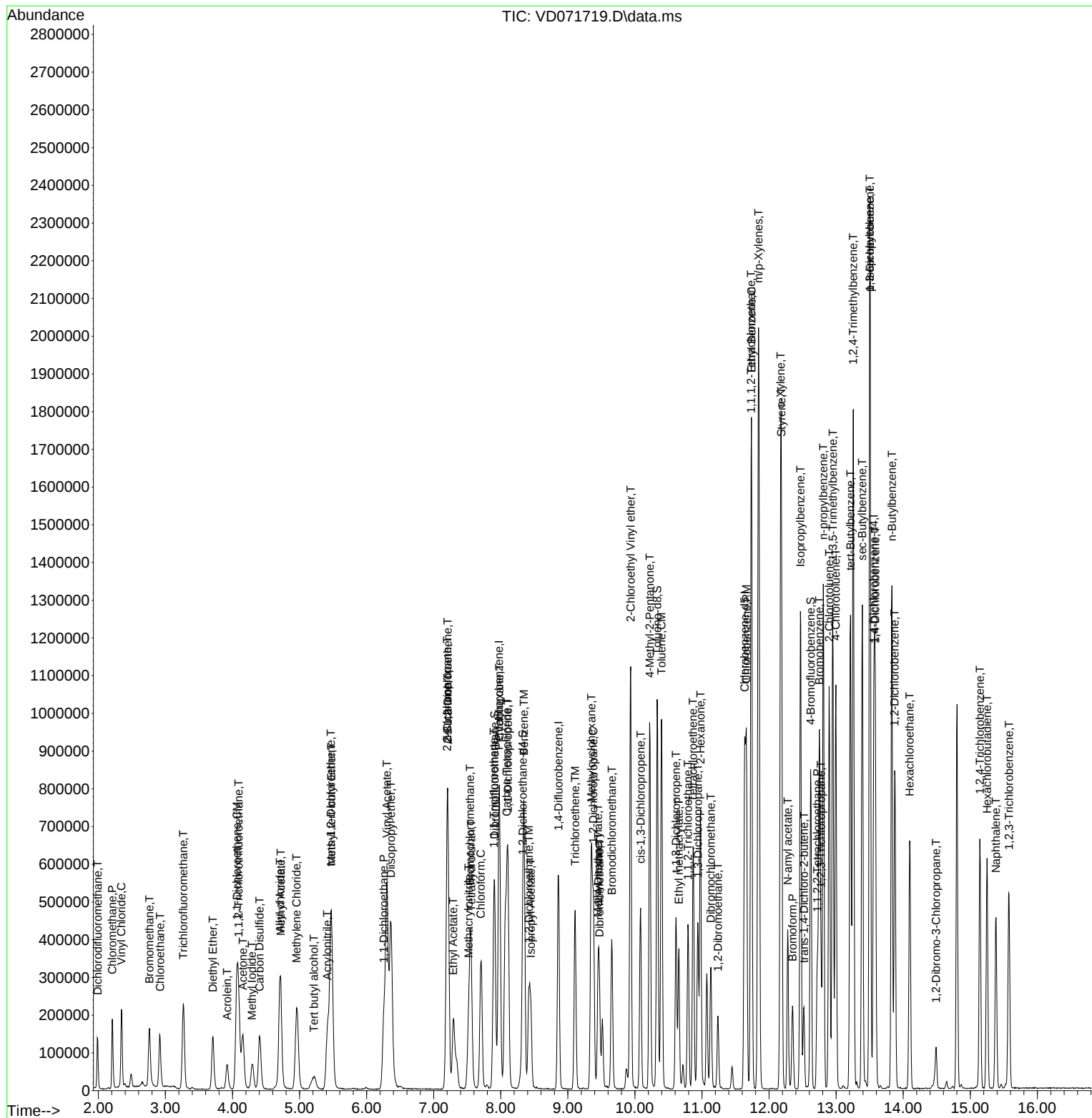
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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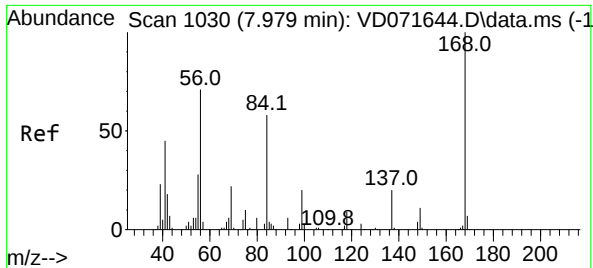
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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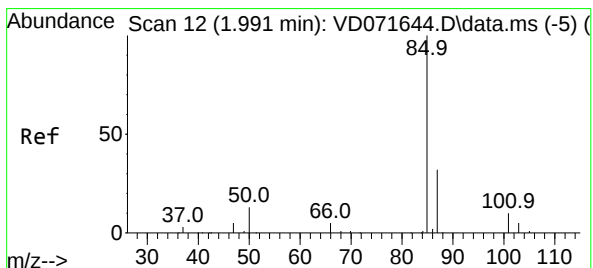
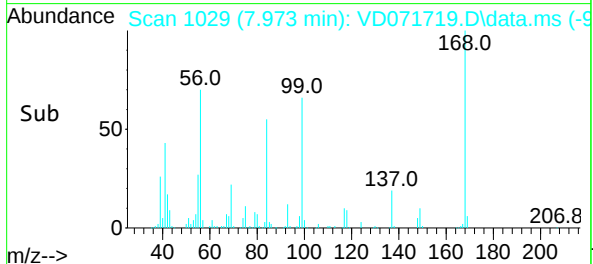
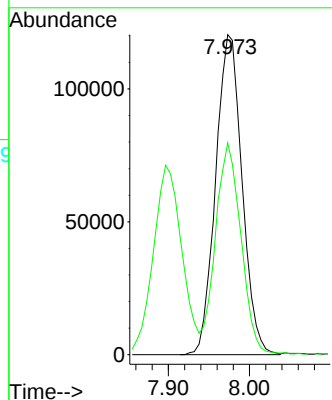
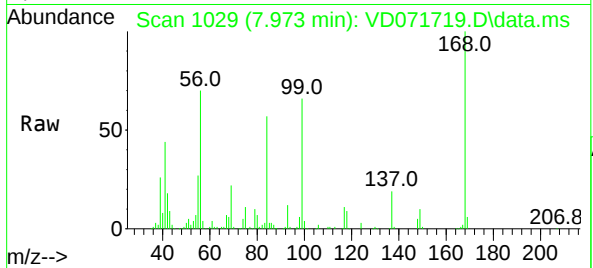




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071719.D
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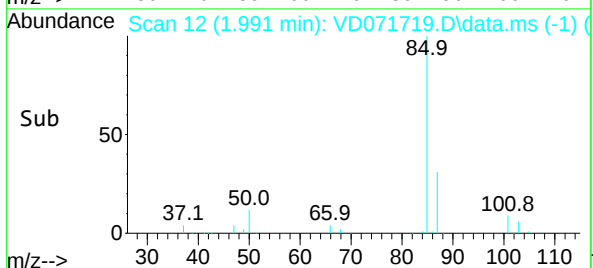
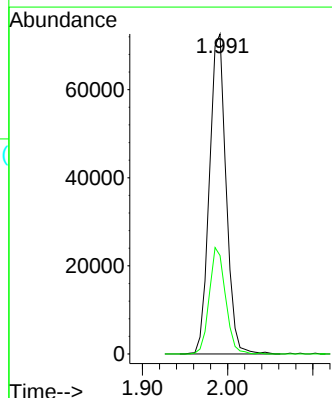
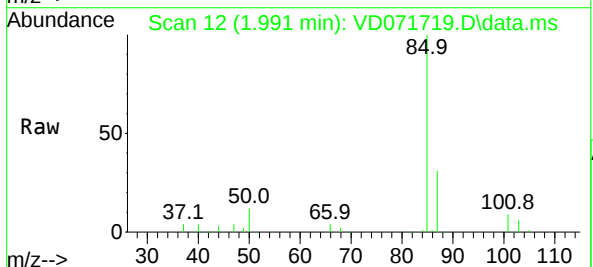
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

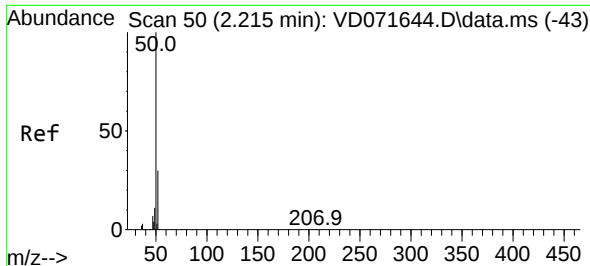
Tgt Ion:168 Resp: 272204
Ion Ratio Lower Upper
168 100
99 65.7 51.8 77.6



#2
Dichlorodifluoromethane
Concen: 47.852 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 85 Resp: 98758
Ion Ratio Lower Upper
85 100
87 30.8 15.9 47.6

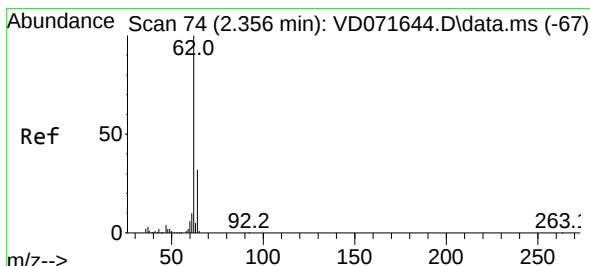
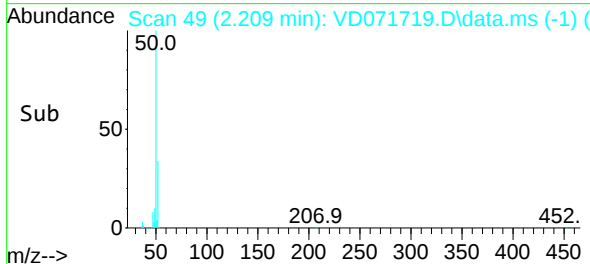
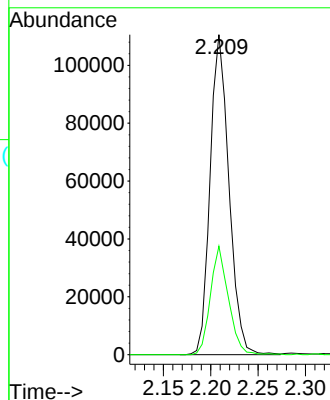
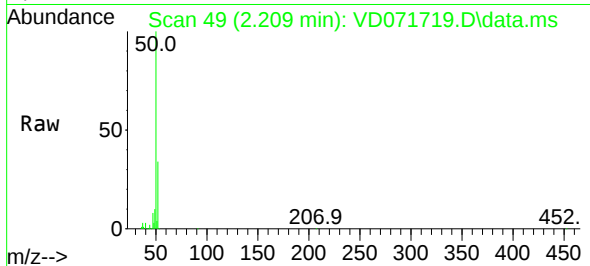




#3
Chloromethane
Concen: 56.654 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.005 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

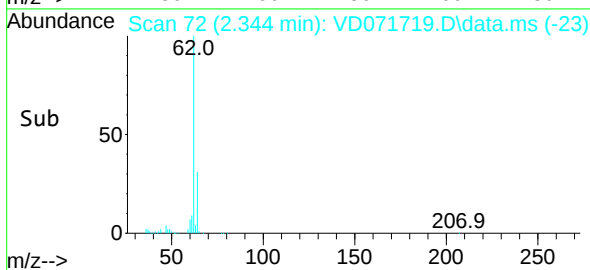
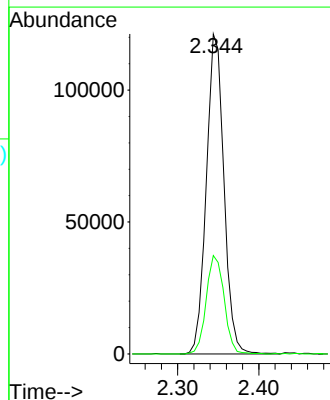
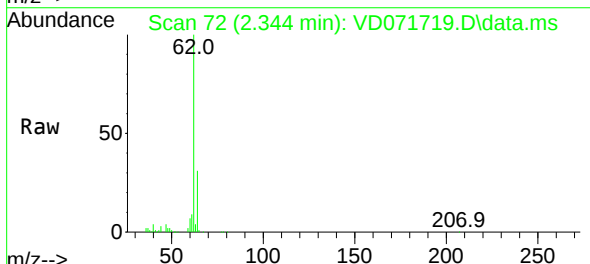
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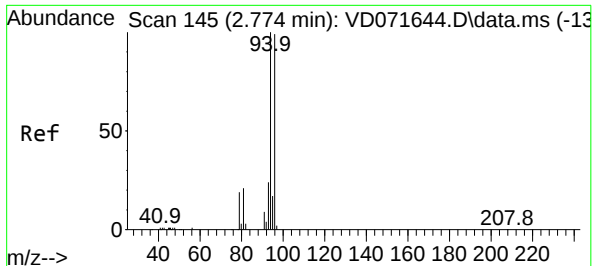
Tgt Ion: 50 Resp: 152845
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.0



#4
Vinyl Chloride
Concen: 53.791 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.012 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 62 Resp: 182054
Ion Ratio Lower Upper
62 100
64 30.8 23.2 34.8

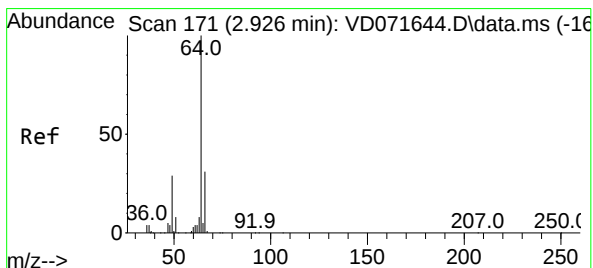
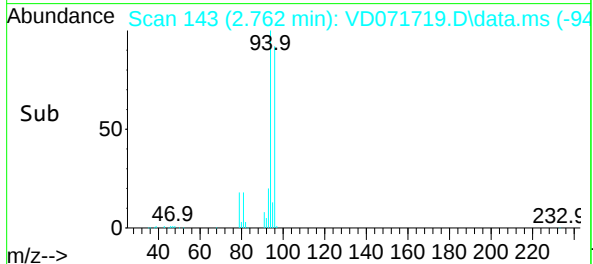
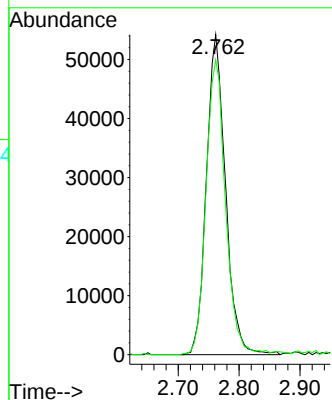
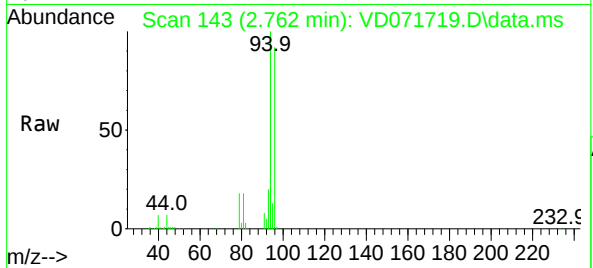




#5
Bromomethane
Concen: 52.332 ug/l
RT: 2.762 min Scan# 145
Delta R.T. -0.011 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

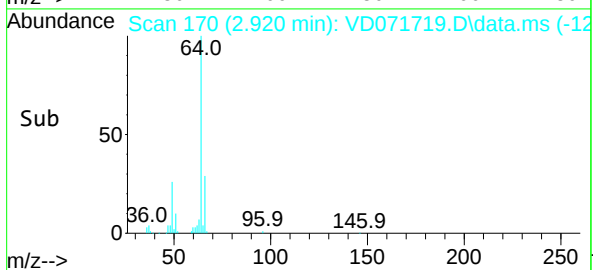
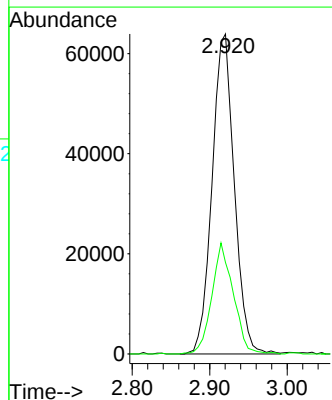
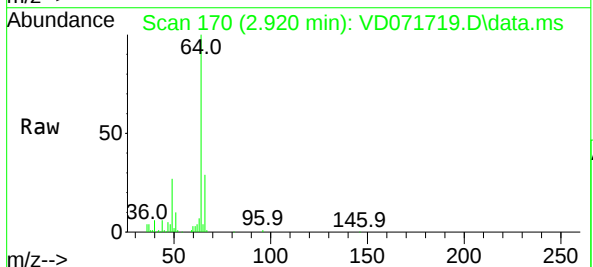
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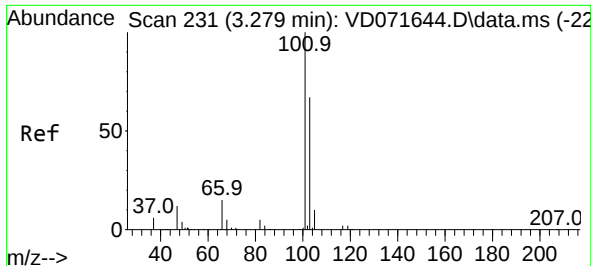
Tgt Ion: 94 Resp: 118245
Ion Ratio Lower Upper
94 100
96 92.1 73.7 110.5



#6
Chloroethane
Concen: 52.818 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 64 Resp: 127390
Ion Ratio Lower Upper
64 100
66 28.6 24.2 36.2

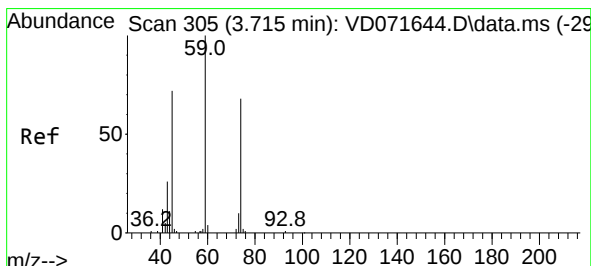
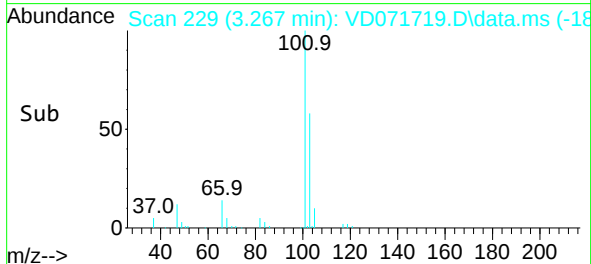
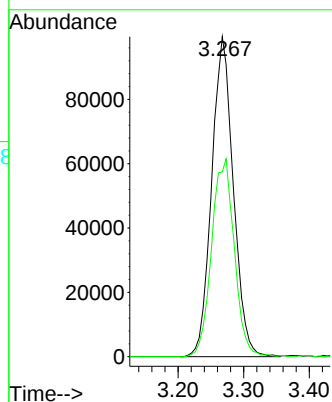
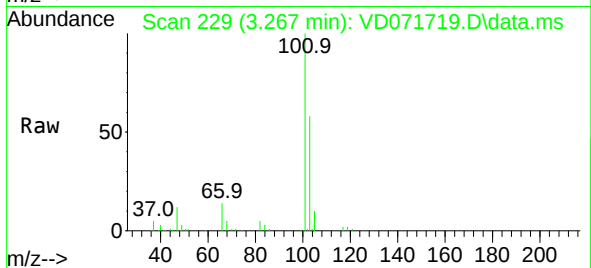




#7
Trichlorofluoromethane
Concen: 47.538 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

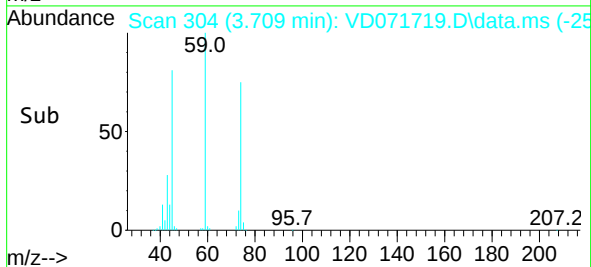
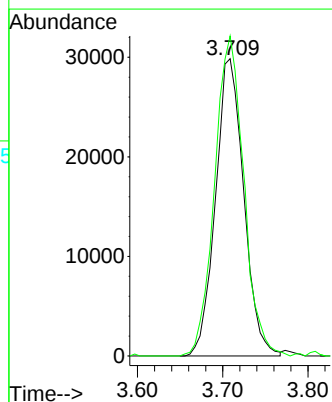
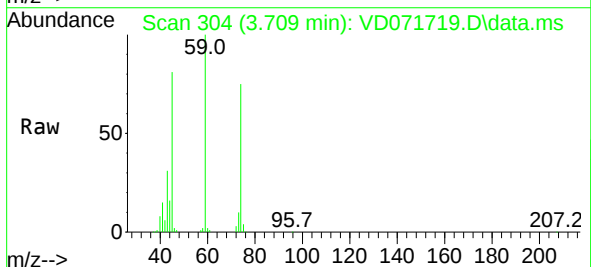
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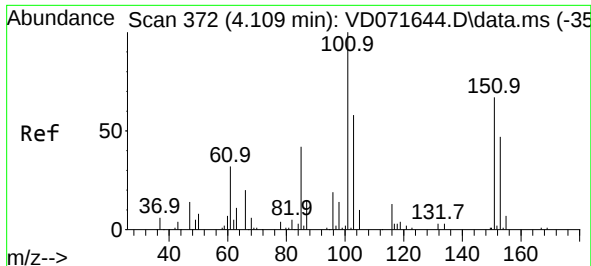
Tgt Ion:101 Resp: 228078
Ion Ratio Lower Upper
101 100
103 57.7 49.8 74.6



#8
Diethyl Ether
Concen: 54.541 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 74 Resp: 68824
Ion Ratio Lower Upper
74 100
45 110.9 56.5 169.5

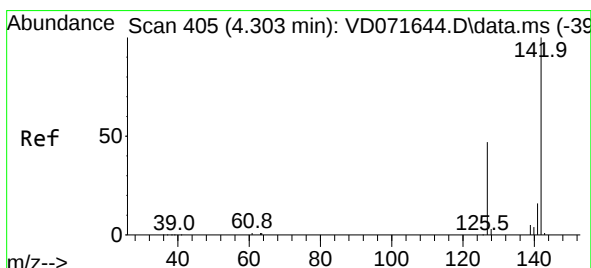
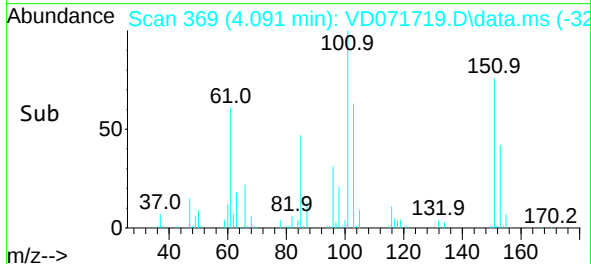
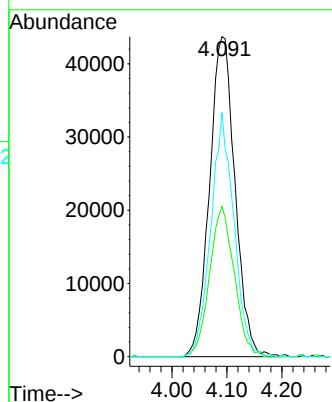
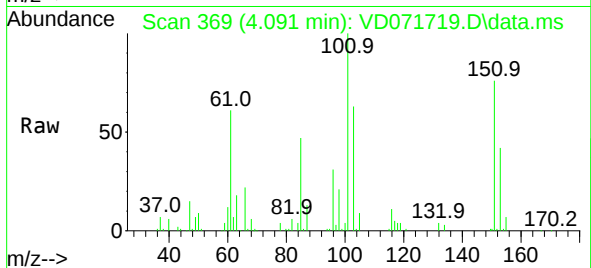




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.113 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.011 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

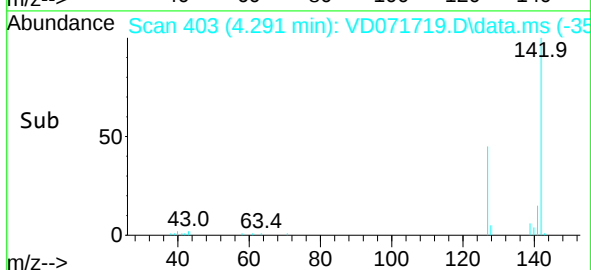
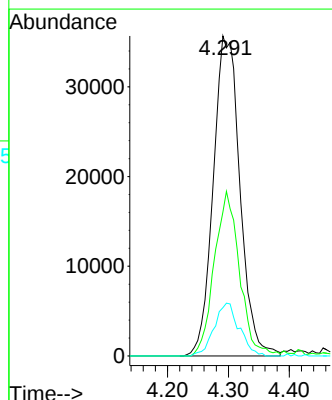
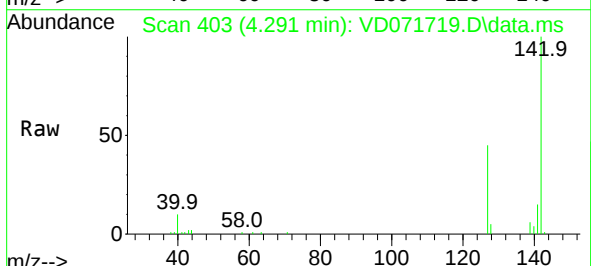
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

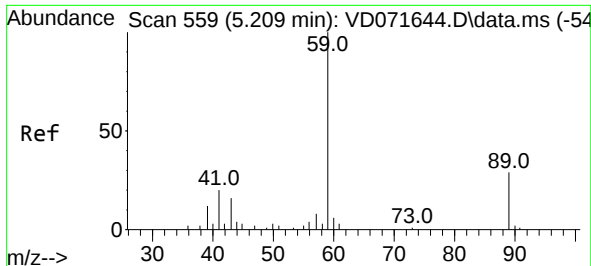
Tgt Ion:101 Resp: 140530
Ion Ratio Lower Upper
101 100
85 45.5 38.7 58.1
151 68.9 56.2 84.2



#10
Methyl Iodide
Concen: 40.558 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.011 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion:142 Resp: 108745
Ion Ratio Lower Upper
142 100
127 48.5 39.4 59.2
141 15.5 11.9 17.9





#11

Tert butyl alcohol

Concen: 399.825 ug/l

RT: 5.214 min Scan# 5

Delta R.T. 0.006 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

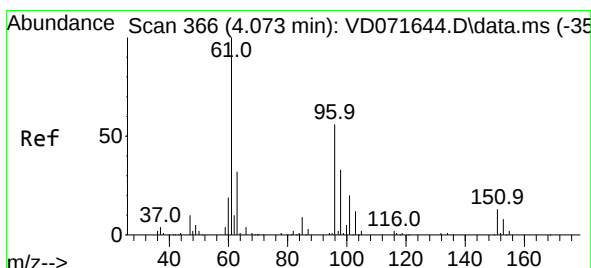
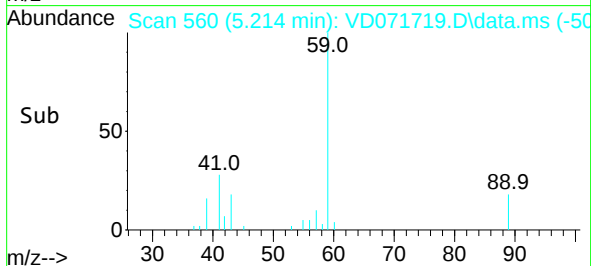
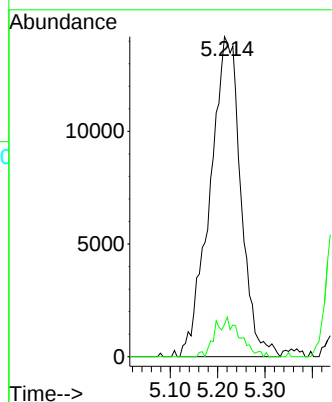
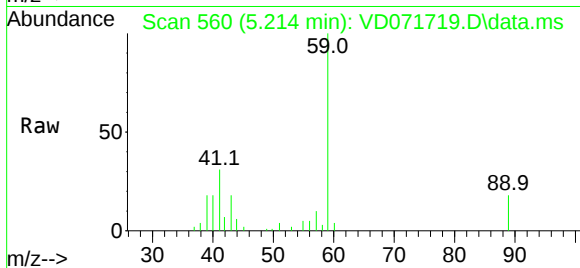
VSTDCCC050EC

Tgt Ion: 59 Resp: 64313

Ion Ratio Lower Upper

59 100

57 6.4 7.3 10.9#



#12

1,1-Dichloroethene

Concen: 48.605 ug/l

RT: 4.067 min Scan# 365

Delta R.T. -0.012 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

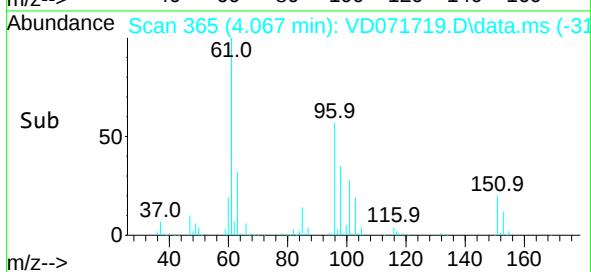
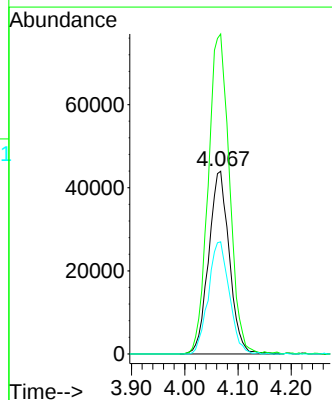
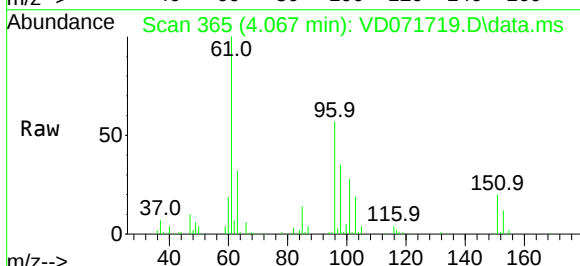
Tgt Ion: 96 Resp: 118277

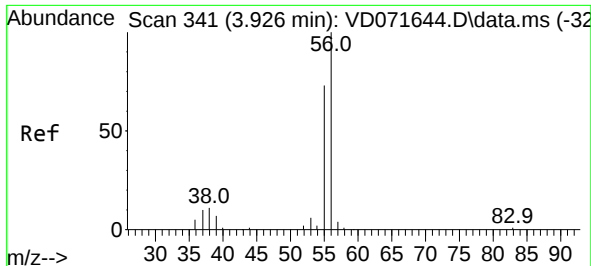
Ion Ratio Lower Upper

96 100

61 175.1 137.8 206.8

98 61.4 48.3 72.5

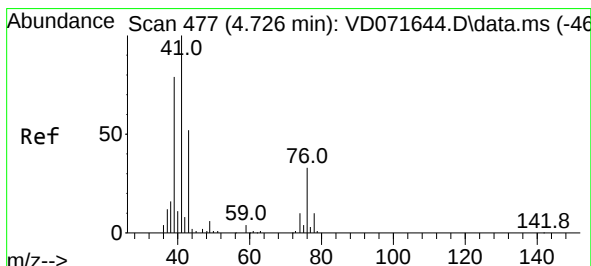
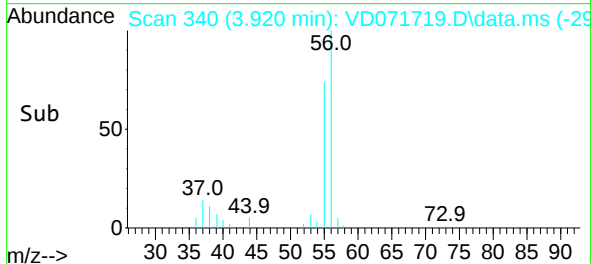
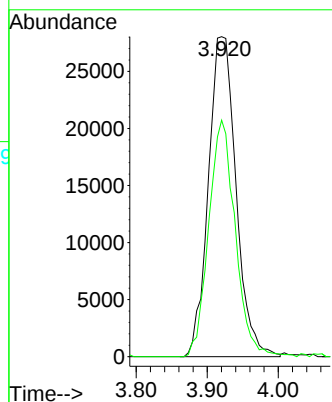
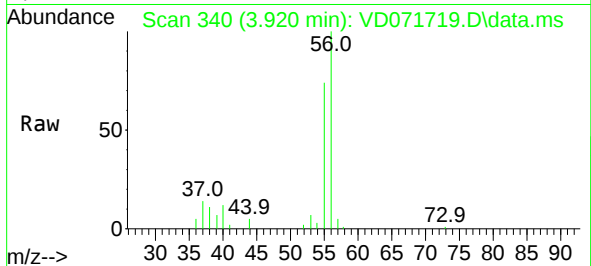




#13
Acrolein
Concen: 221.992 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

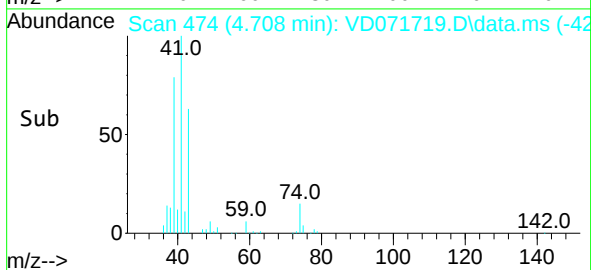
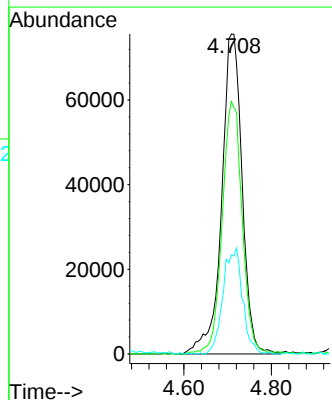
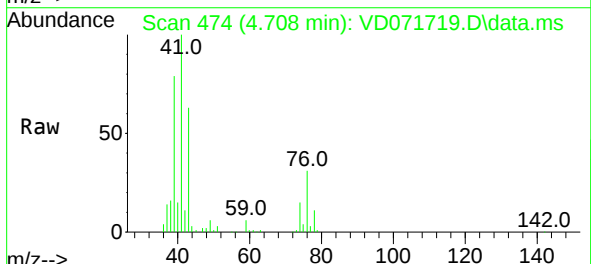
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

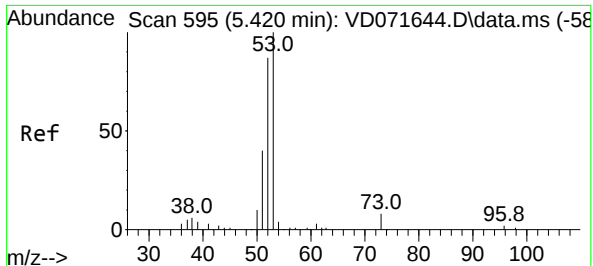
Tgt Ion: 56 Resp: 75889
Ion Ratio Lower Upper
56 100
55 70.9 56.9 85.3



#14
Allyl chloride
Concen: 50.850 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 41 Resp: 245358
Ion Ratio Lower Upper
41 100
39 77.0 63.2 94.8
76 31.4 25.8 38.6

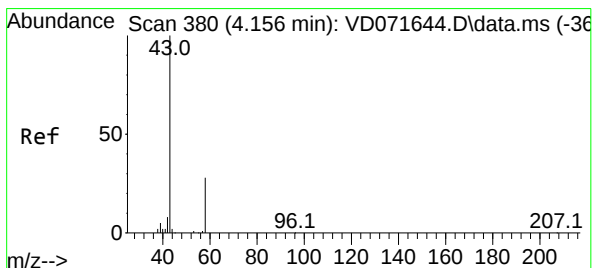
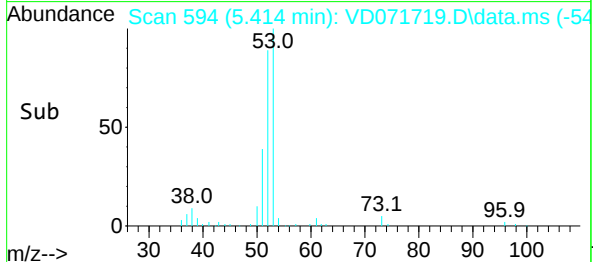
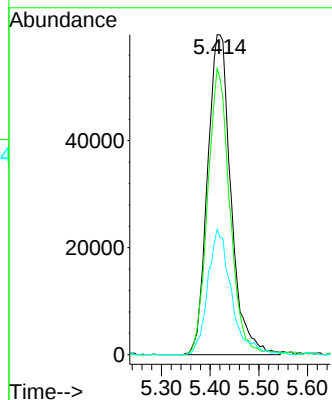
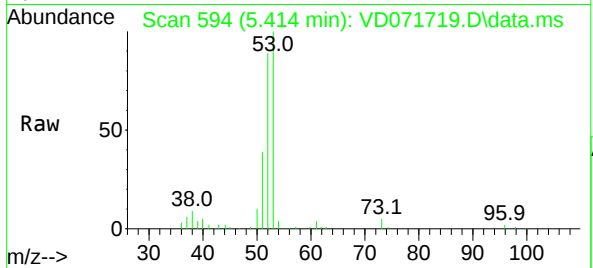




#15
Acrylonitrile
Concen: 300.054 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

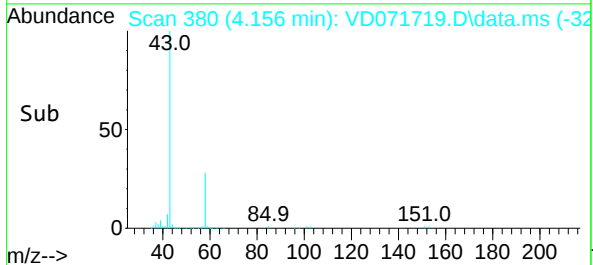
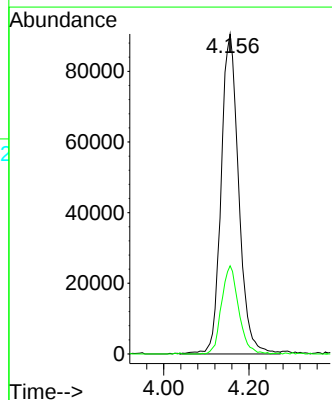
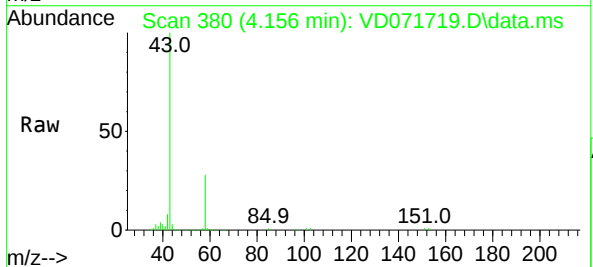
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

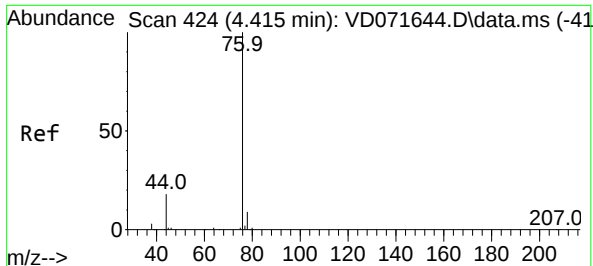
Tgt Ion: 53	Resp: 200095
Ion Ratio	Lower Upper
53 100	
52 84.2	65.6 98.4
51 39.4	31.2 46.8



#16
Acetone
Concen: 321.124 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 43	Resp: 259673
Ion Ratio	Lower Upper
43 100	
58 27.3	21.0 31.6

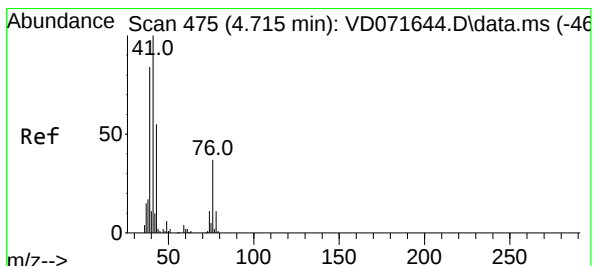
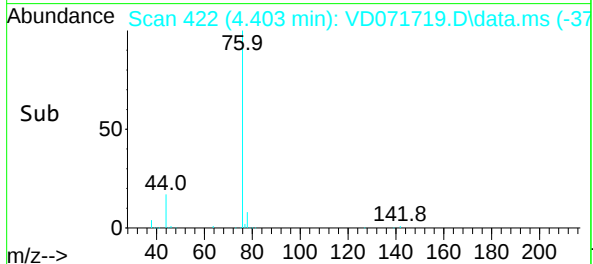
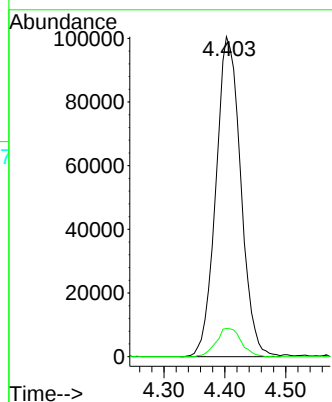
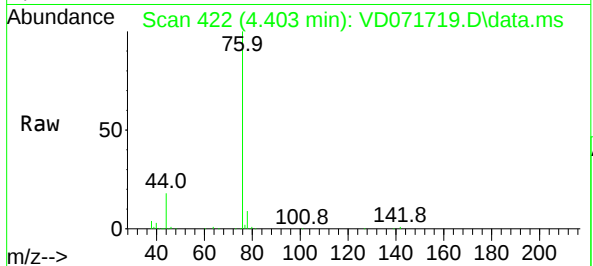




#17
Carbon Disulfide
Concen: 46.680 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

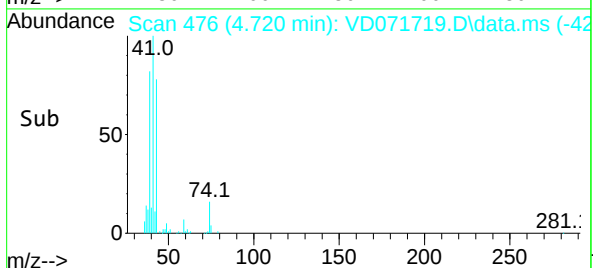
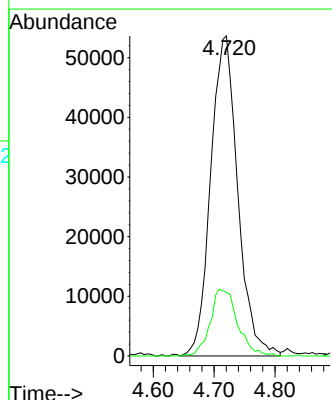
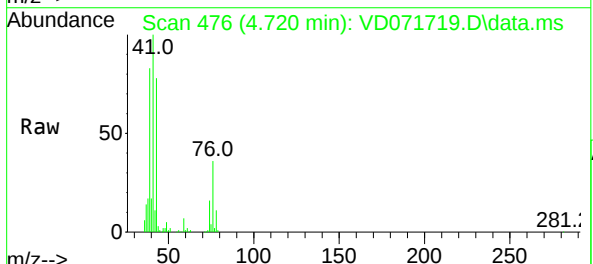
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 284931
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 71.577 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 43 Resp: 165787
Ion Ratio Lower Upper
43 100
74 21.1 16.3 24.5

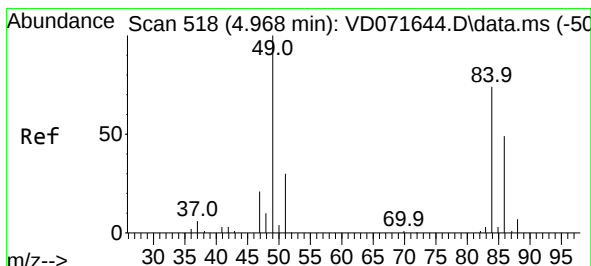
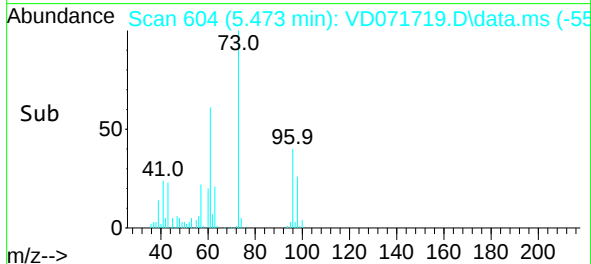
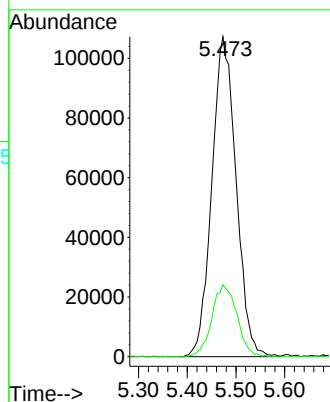
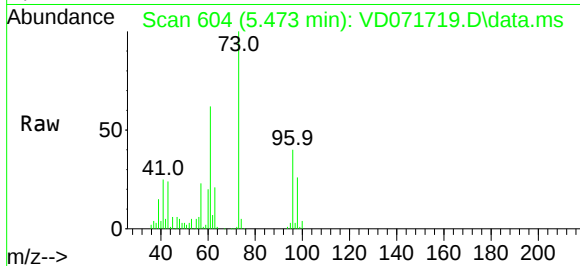




#19
Methyl tert-butyl Ether
Concen: 57.783 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

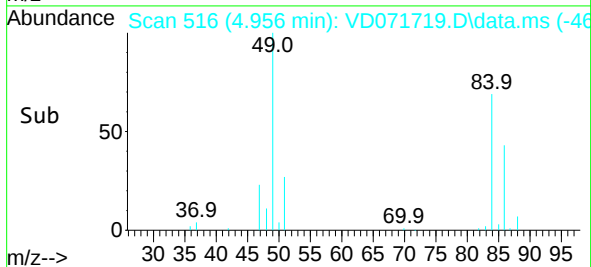
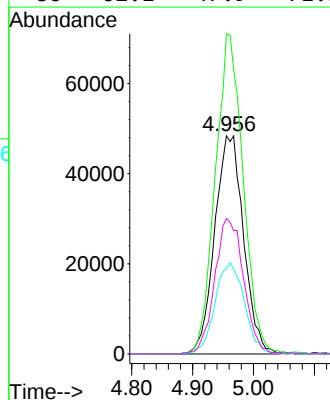
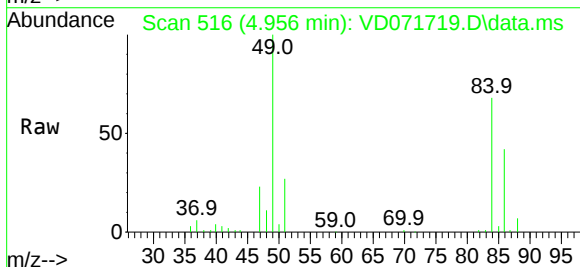
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

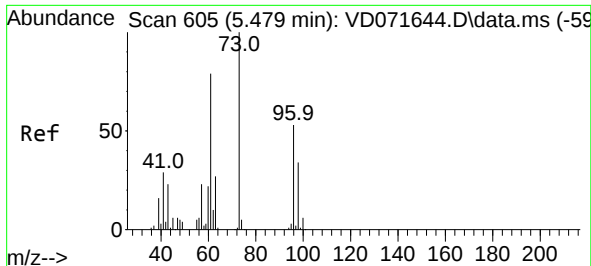
Tgt Ion: 73 Resp: 371171
Ion Ratio Lower Upper
73 100
57 22.5 19.2 28.8



#20
Methylene Chloride
Concen: 53.419 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 84 Resp: 159181
Ion Ratio Lower Upper
84 100
49 146.8 118.6 178.0
51 39.2 37.8 56.6
86 62.1 47.9 71.9

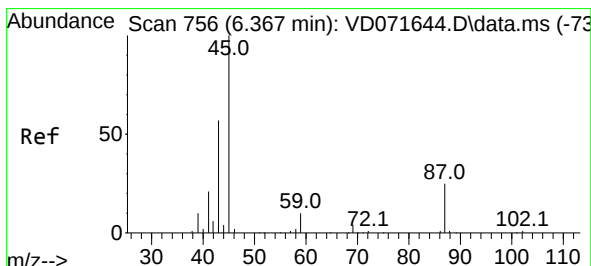
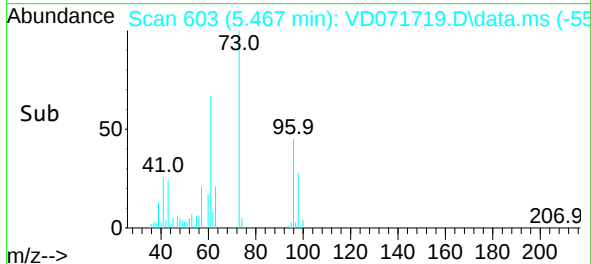
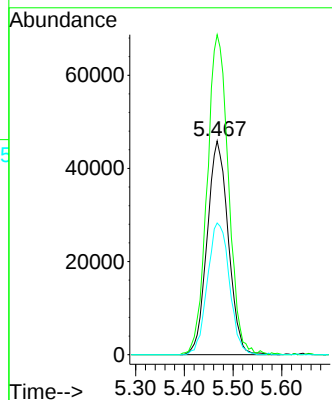
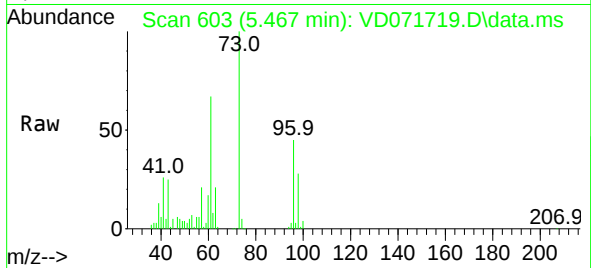




#21
trans-1,2-Dichloroethene
Concen: 49.772 ug/l
RT: 5.467 min Scan# 605
Delta R.T. -0.012 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

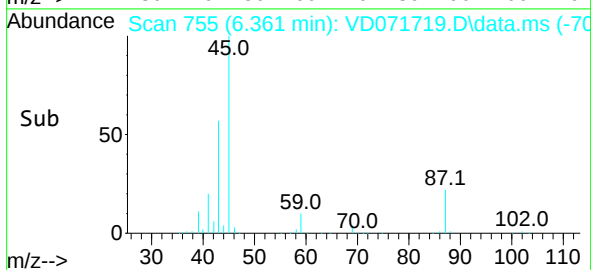
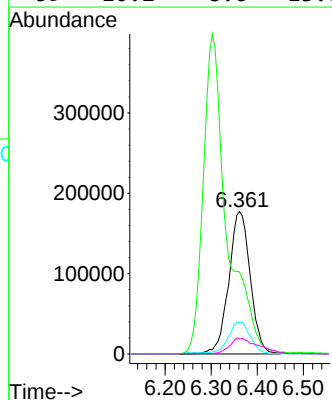
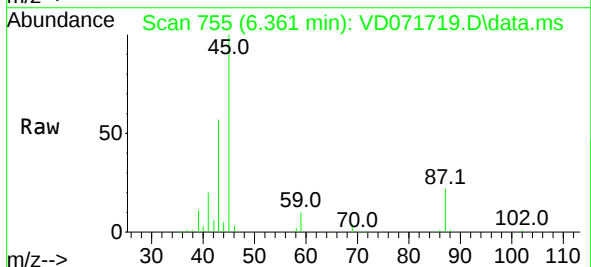
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

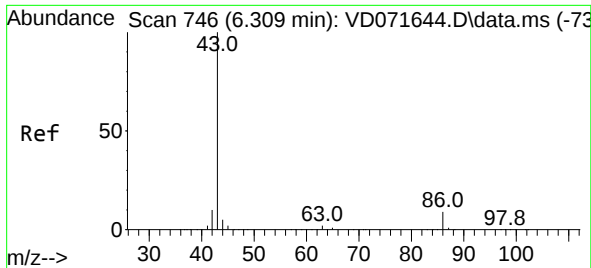
Tgt Ion: 96 Resp: 138315
Ion Ratio Lower Upper
96 100
61 149.7 119.4 179.0
98 61.6 49.3 73.9



#22
Diisopropyl ether
Concen: 55.083 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 45 Resp: 572314
Ion Ratio Lower Upper
45 100
43 57.4 43.0 64.6
87 21.9 19.0 28.4
59 10.2 8.6 13.0

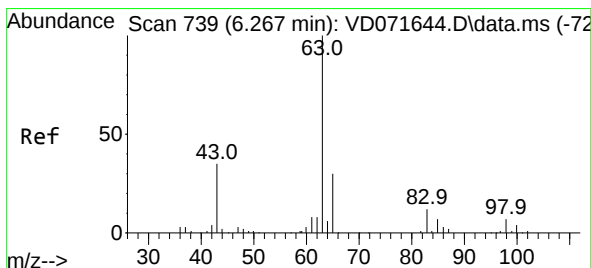
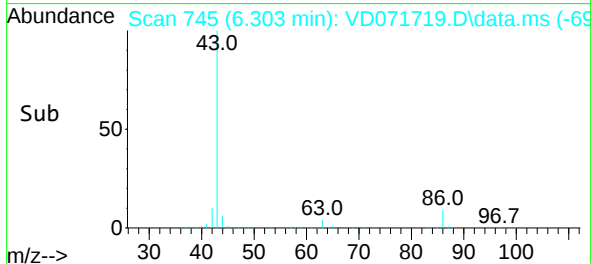
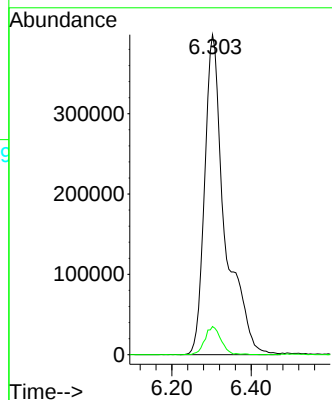
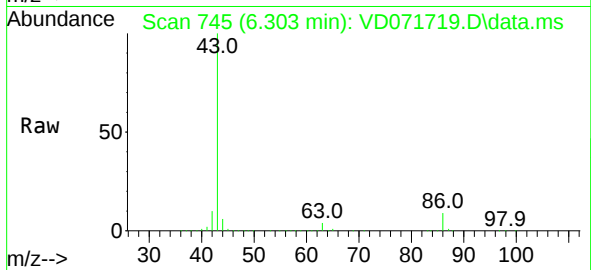




#23
 Vinyl Acetate
 Concen: 292.570 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.005 min
 Lab File: VD071719.D
 Acq: 13 Jan 2022 19:37

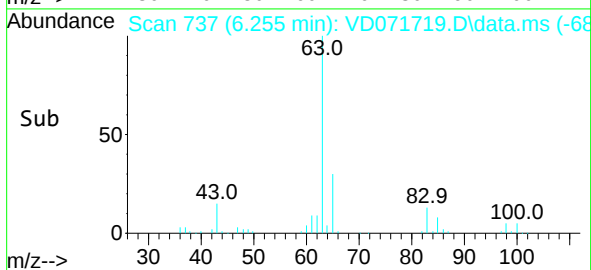
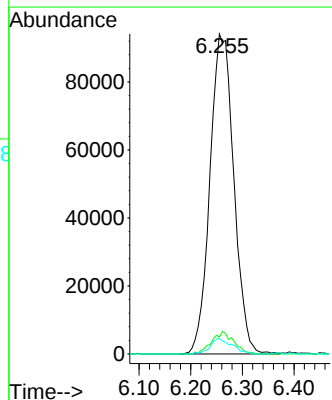
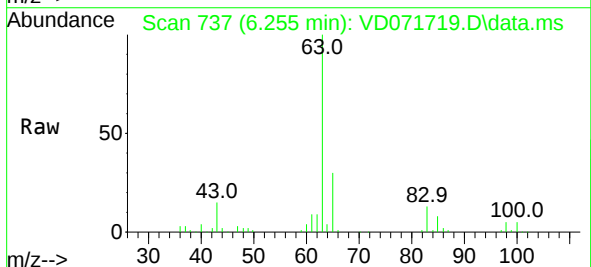
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

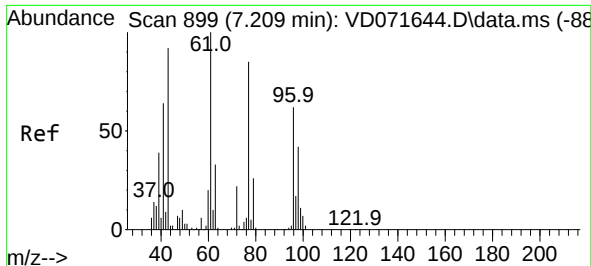
Tgt Ion: 43 Resp: 1418577
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 50.967 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.018 min
 Lab File: VD071719.D
 Acq: 13 Jan 2022 19:37

Tgt Ion: 63 Resp: 302265
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.4 10.1
 100 4.9 2.5 7.5

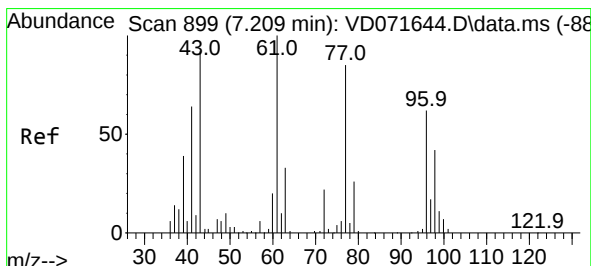
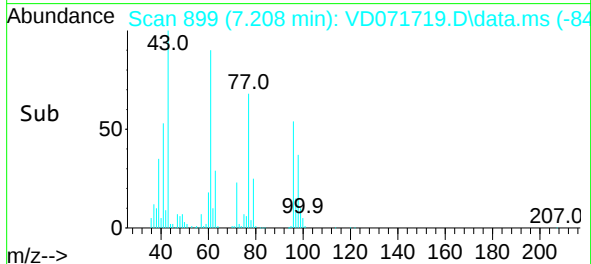
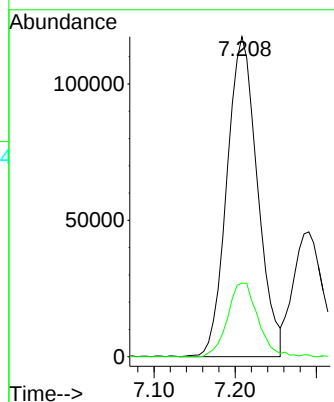
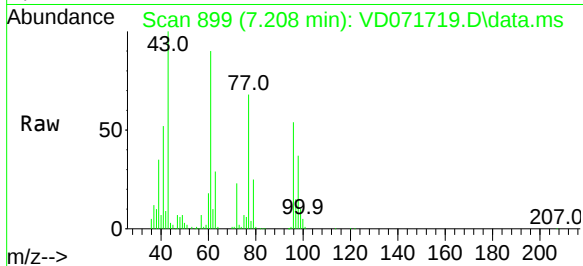




#25
2-Butanone
Concen: 321.567 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

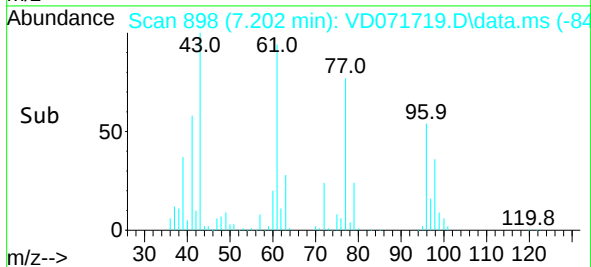
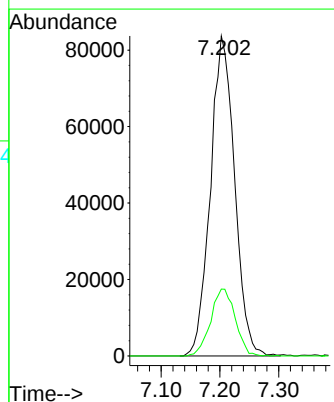
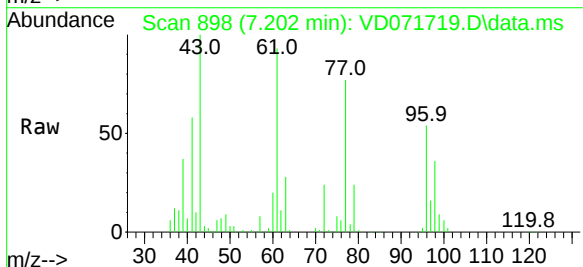
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

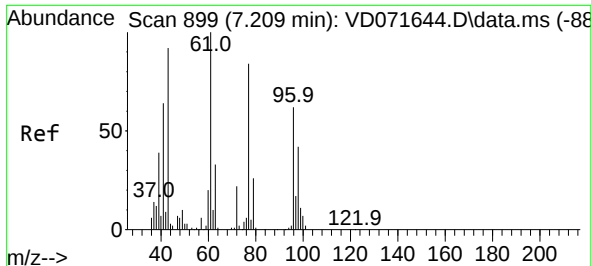
Tgt Ion: 43 Resp: 307227
Ion Ratio Lower Upper
43 100
72 23.0 16.4 24.6



#26
2,2-Dichloropropane
Concen: 48.070 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 77 Resp: 239390
Ion Ratio Lower Upper
77 100
97 21.2 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 52.292 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

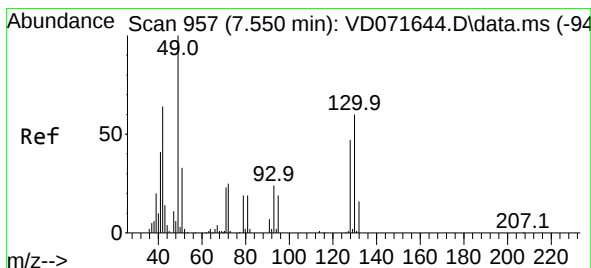
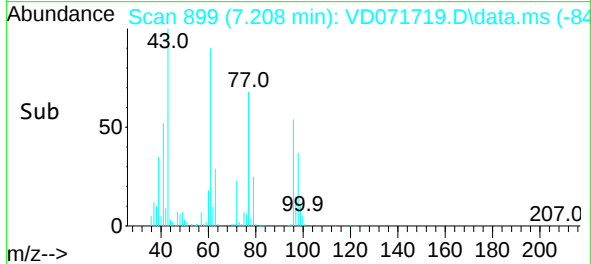
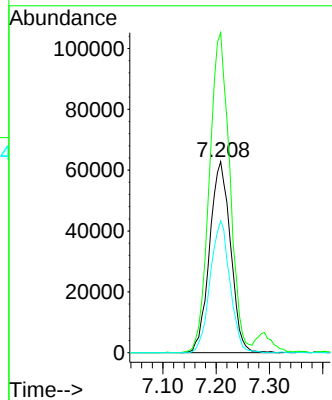
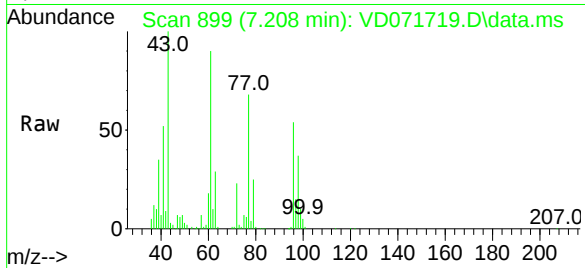
Tgt Ion: 96 Resp: 171519

Ion Ratio Lower Upper

96 100

61 163.2 0.0 322.8

98 64.9 0.0 130.8



#28

Bromochloromethane

Concen: 56.325 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.005 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

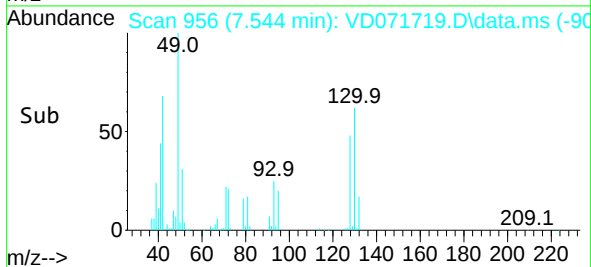
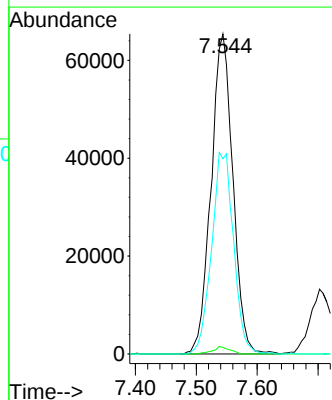
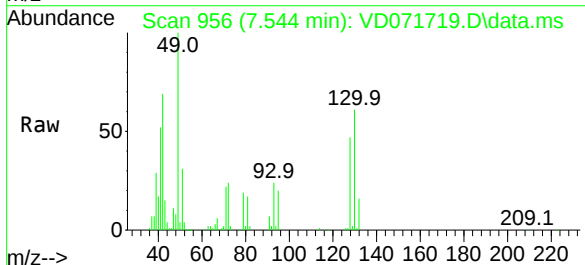
Tgt Ion: 49 Resp: 162725

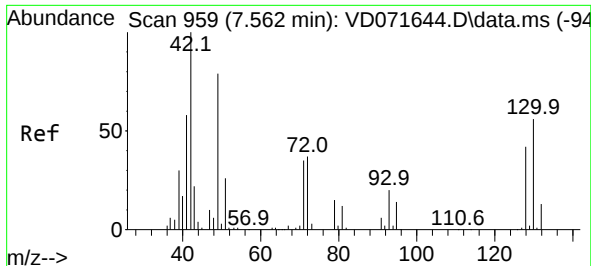
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.2

130 63.6 48.9 73.3





#29

Tetrahydrofuran

Concen: 324.724 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

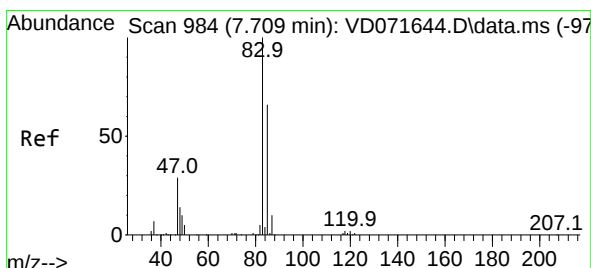
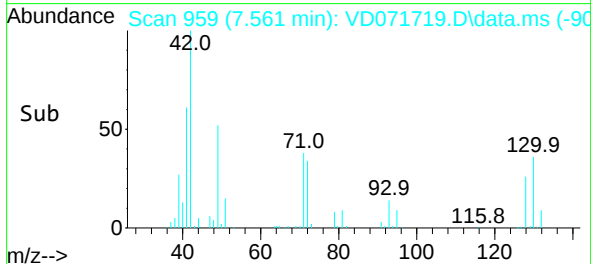
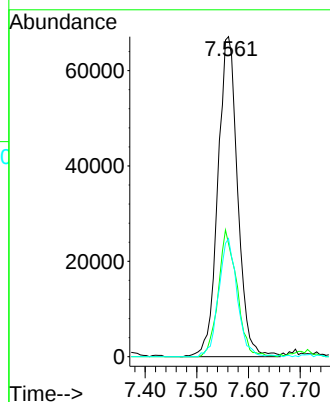
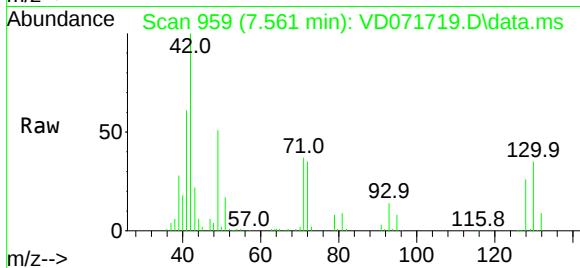
Tgt Ion: 42 Resp: 178476

Ion Ratio Lower Upper

42 100

72 37.2 29.6 44.4

71 34.6 27.3 40.9



#30

Chloroform

Concen: 53.364 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.012 min

Lab File: VD071719.D

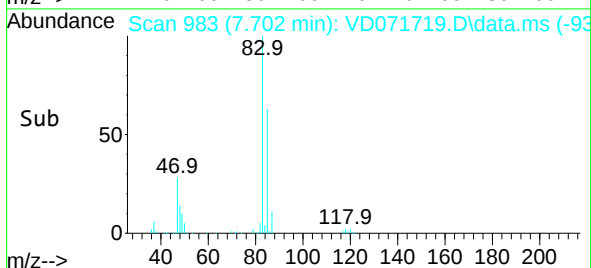
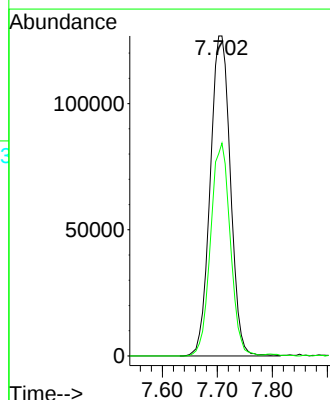
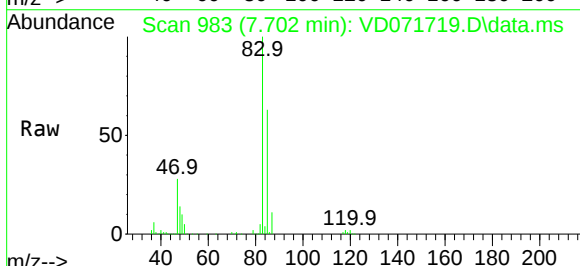
Acq: 13 Jan 2022 19:37

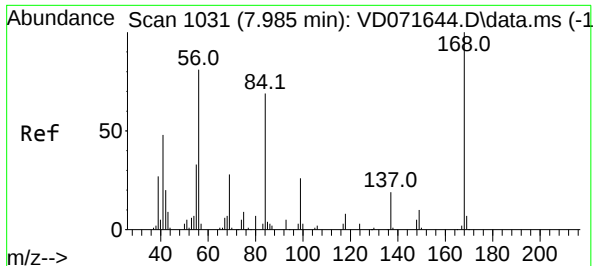
Tgt Ion: 83 Resp: 323624

Ion Ratio Lower Upper

83 100

85 63.2 52.4 78.6





#31

Cyclohexane

Concen: 48.809 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.011 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

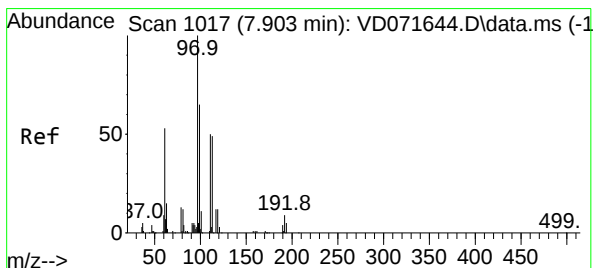
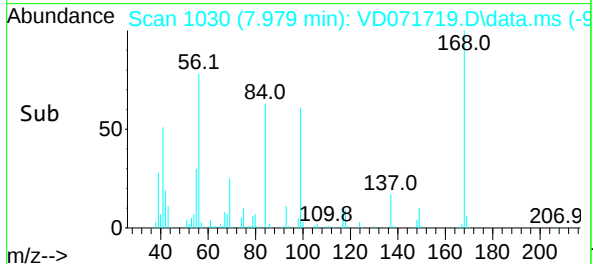
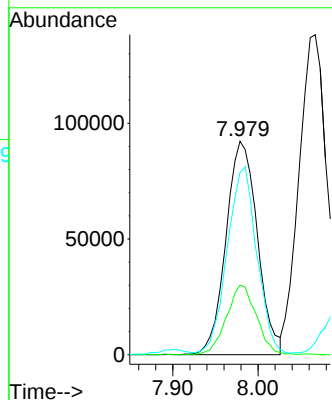
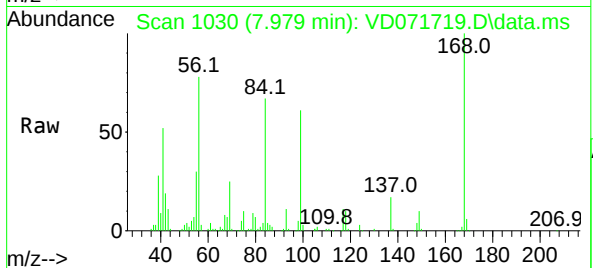
Tgt Ion: 56 Resp: 236604

Ion Ratio Lower Upper

56 100

69 32.5 21.7 32.5#

84 83.3 65.7 98.5



#32

1,1,1-Trichloroethane

Concen: 50.500 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.005 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

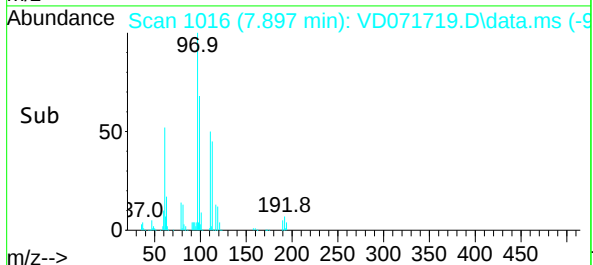
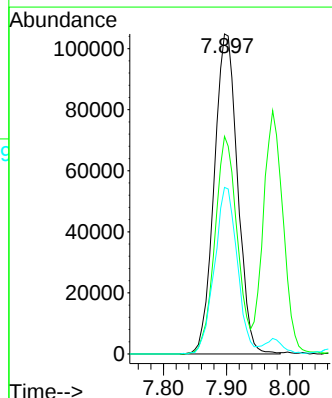
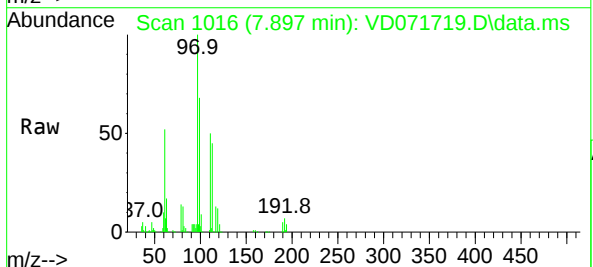
Tgt Ion: 97 Resp: 269931

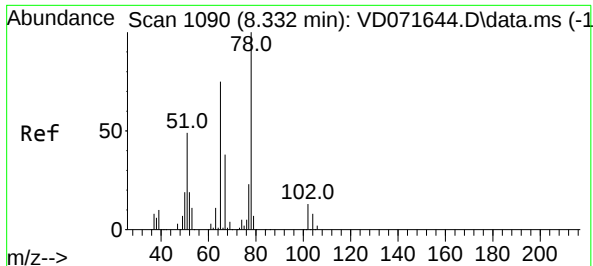
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 50.8 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 59.038 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

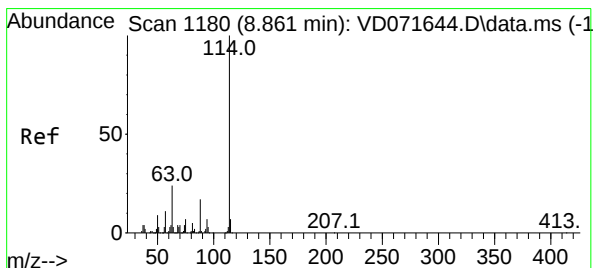
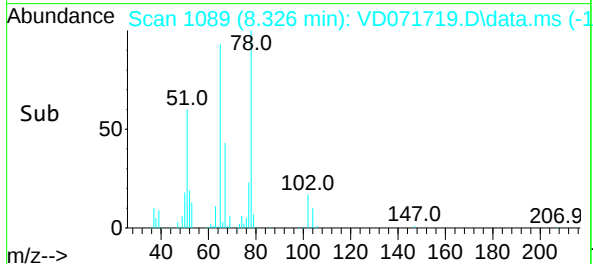
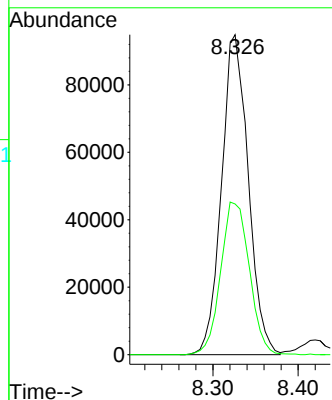
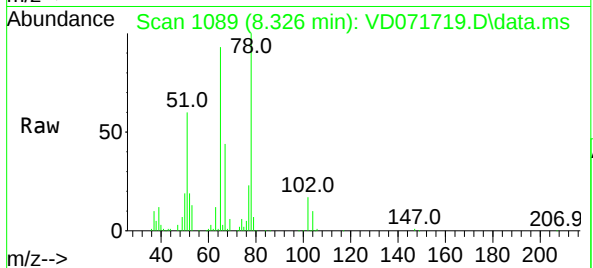
VSTDCCC050EC

Tgt Ion: 65 Resp: 206779

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

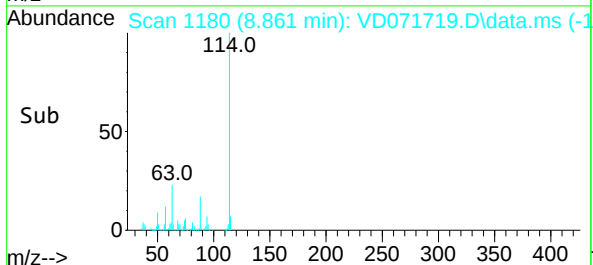
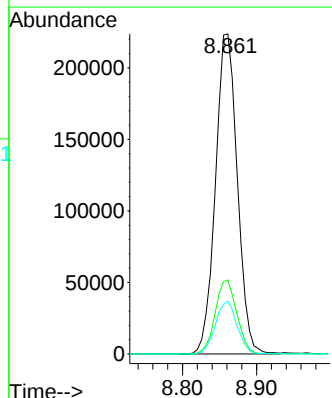
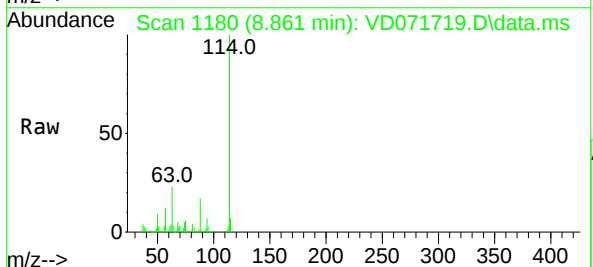
Tgt Ion: 114 Resp: 458828

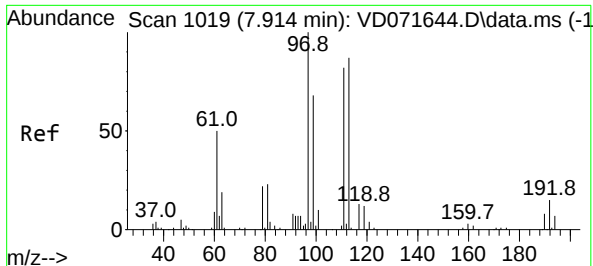
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.2

88 16.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 56.438 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071719.D

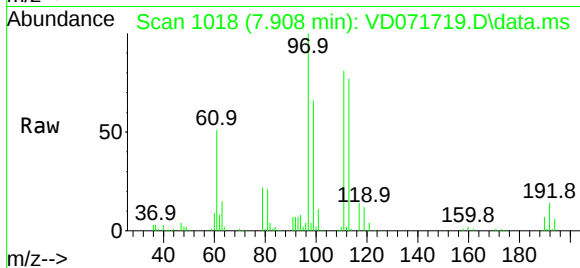
Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



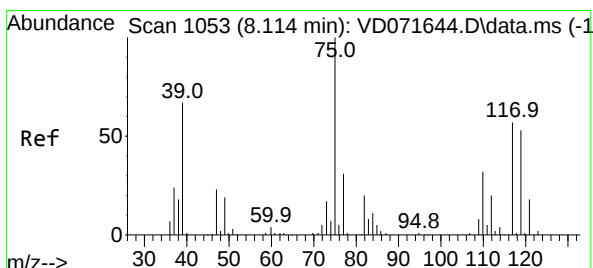
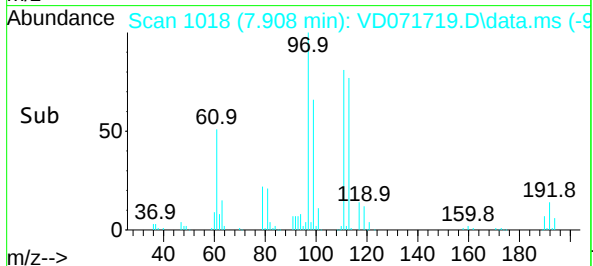
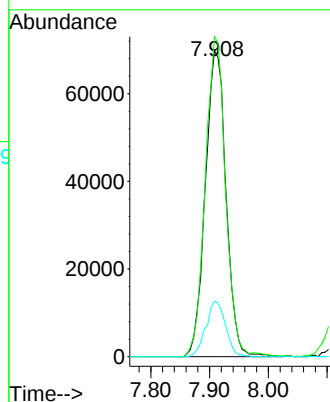
Tgt Ion:113 Resp: 171137

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 17.2 14.2 21.2



#36

1,1-Dichloropropene

Concen: 49.784 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

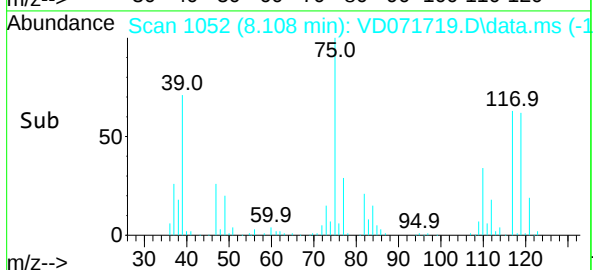
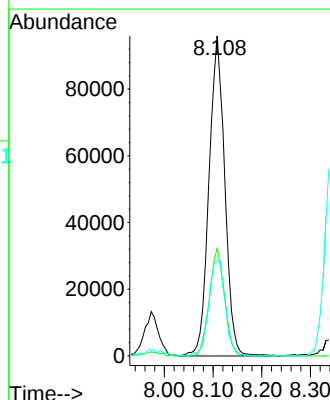
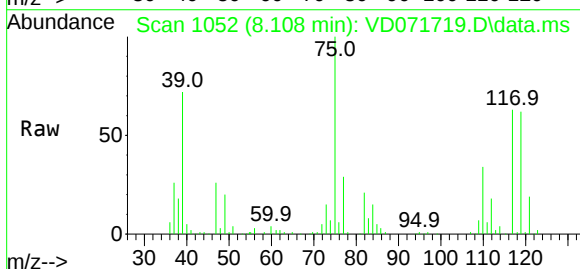
Tgt Ion: 75 Resp: 215336

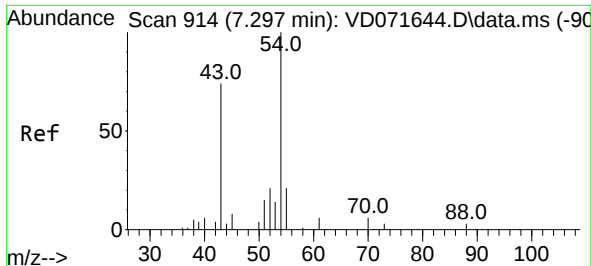
Ion Ratio Lower Upper

75 100

110 32.1 16.0 48.0

77 31.5 24.5 36.7





#37

Ethyl Acetate

Concen: 58.910 ug/l

RT: 7.291 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

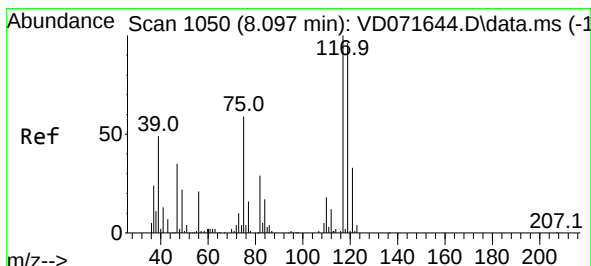
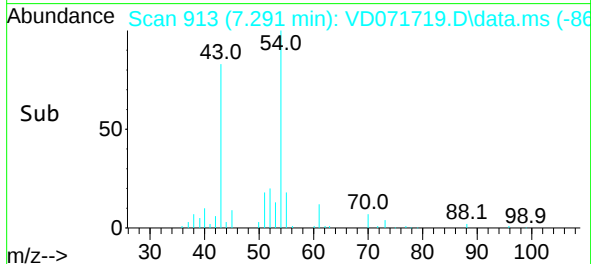
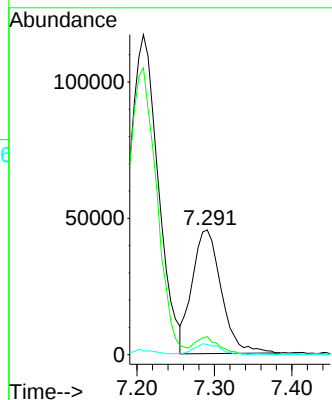
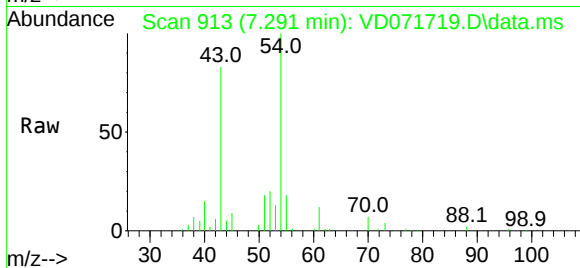
Tgt Ion: 43 Resp: 118263

Ion Ratio Lower Upper

43 100

61 11.0 11.0 16.4

70 8.0 7.4 11.2



#38

Carbon Tetrachloride

Concen: 52.701 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.005 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

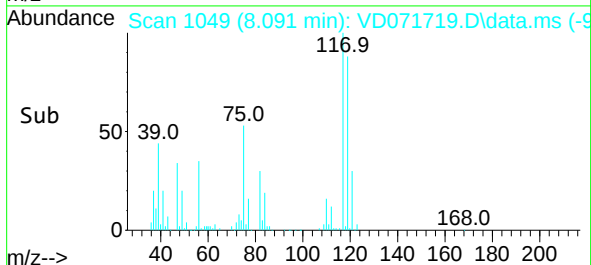
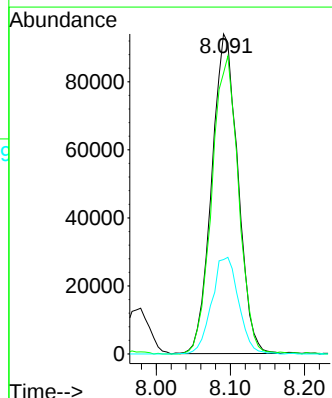
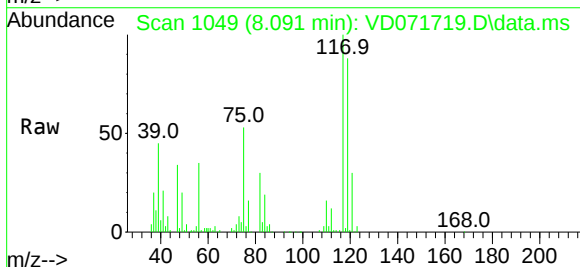
Tgt Ion: 117 Resp: 230850

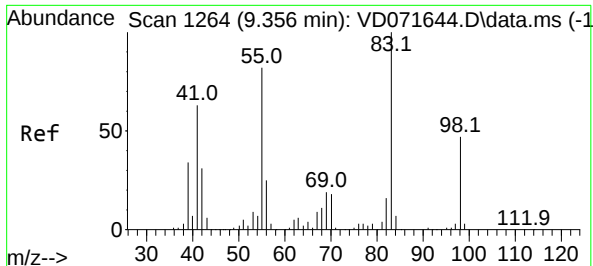
Ion Ratio Lower Upper

117 100

119 88.0 73.4 110.2

121 29.6 23.9 35.9





#39

Methylcyclohexane

Concen: 49.587 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

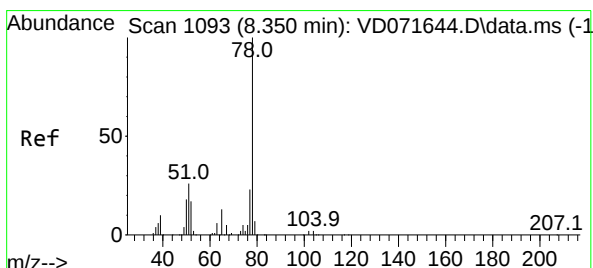
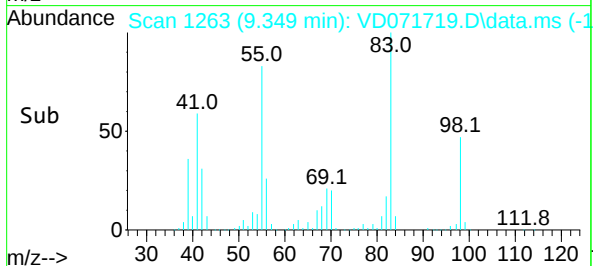
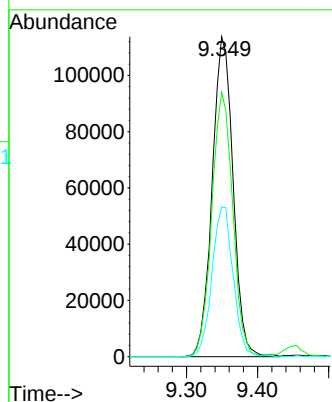
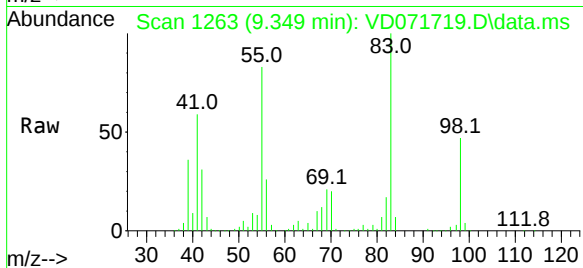
Tgt Ion: 83 Resp: 231677

Ion Ratio Lower Upper

83 100

55 82.6 70.1 105.1

98 46.8 39.2 58.8



#40

Benzene

Concen: 52.011 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.005 min

Lab File: VD071719.D

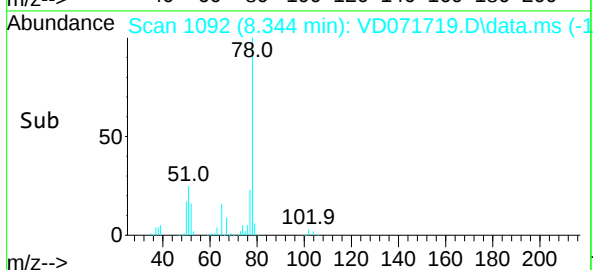
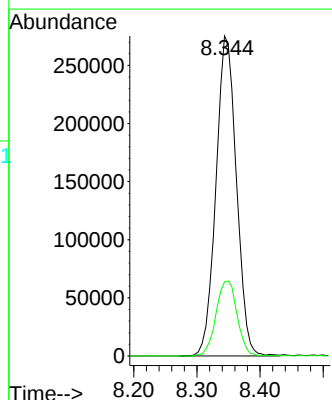
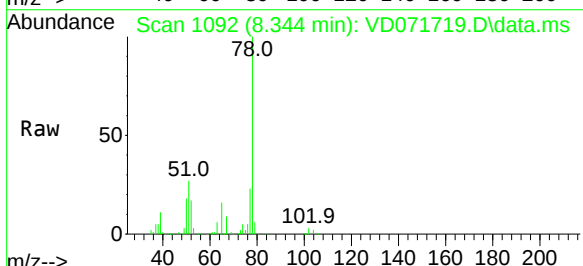
Acq: 13 Jan 2022 19:37

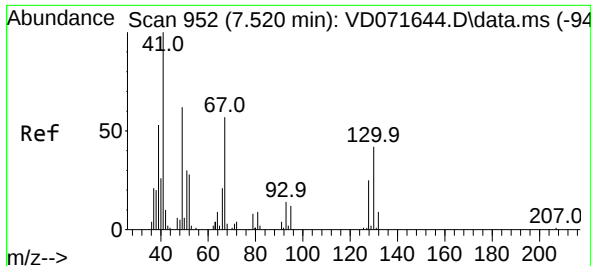
Tgt Ion: 78 Resp: 619858

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.0

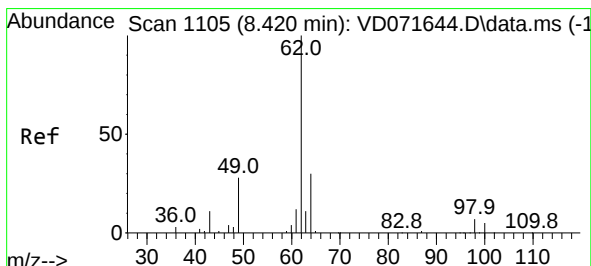
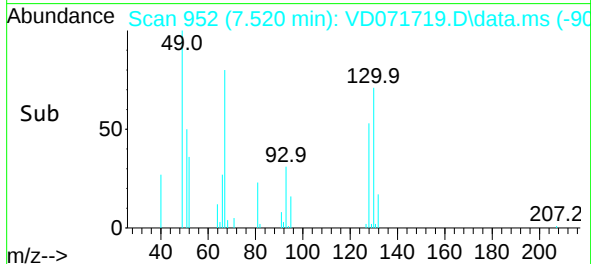
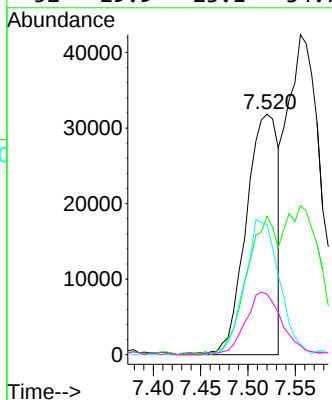
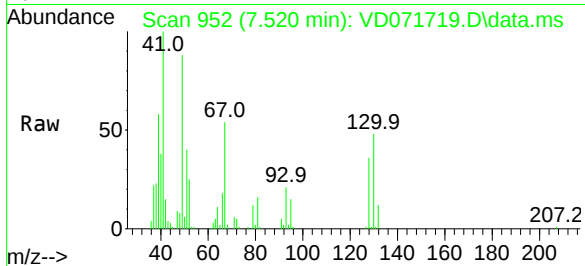




#41
Methacrylonitrile
Concen: 60.026 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

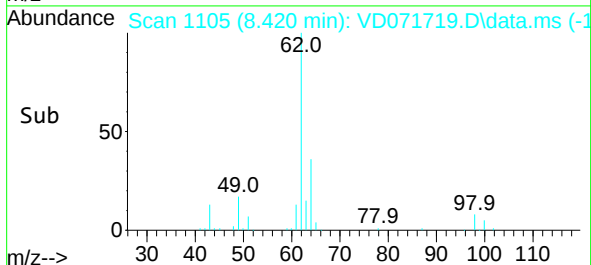
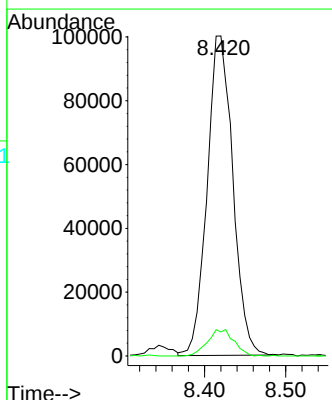
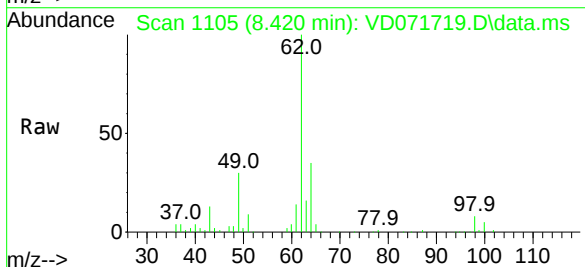
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

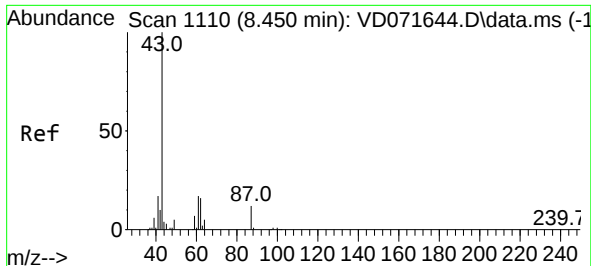
Tgt Ion: 41 Resp: 74582
Ion Ratio Lower Upper
41 100
39 55.5 46.9 70.3
67 61.2 49.3 73.9
52 29.9 23.1 34.7



#42
1,2-Dichloroethane
Concen: 54.671 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 62 Resp: 220553
Ion Ratio Lower Upper
62 100
98 8.5 0.0 15.4

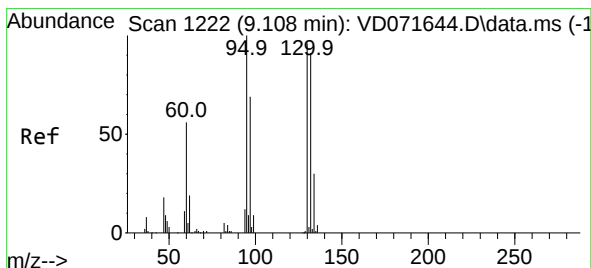
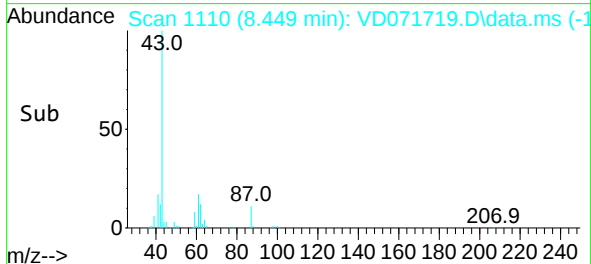
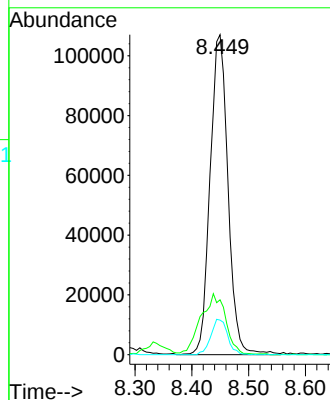
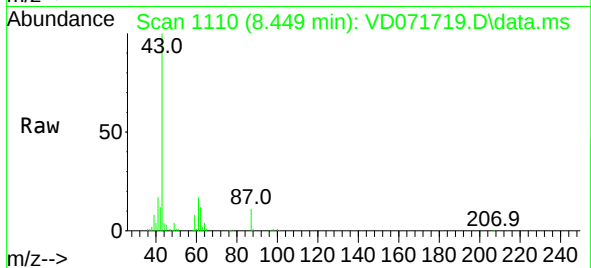




#43
Isopropyl Acetate
Concen: 61.860 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

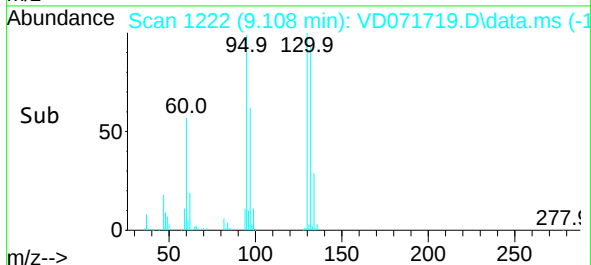
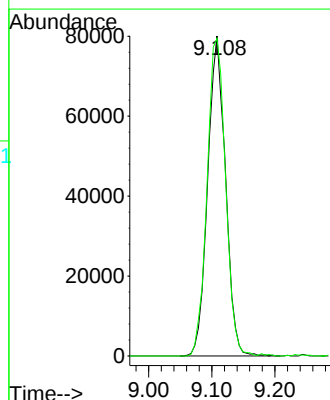
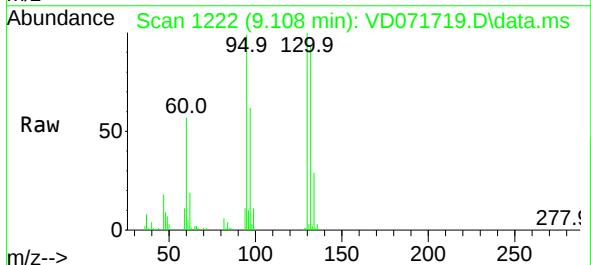
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

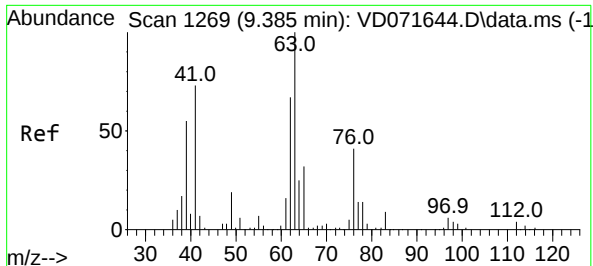
Tgt Ion: 43 Resp: 233764
Ion Ratio Lower Upper
43 100
61 26.1 21.9 32.9
87 10.4 8.9 13.3



#44
Trichloroethene
Concen: 51.041 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion:130 Resp: 156544
Ion Ratio Lower Upper
130 100
95 99.2 0.0 214.4





#45

1,2-Dichloropropane

Concen: 54.826 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

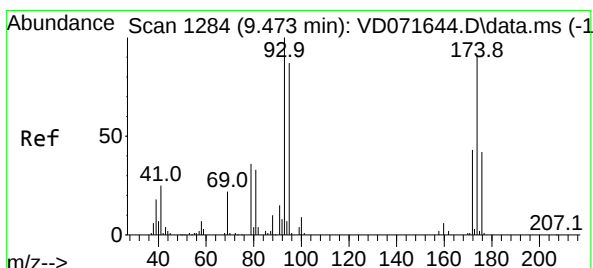
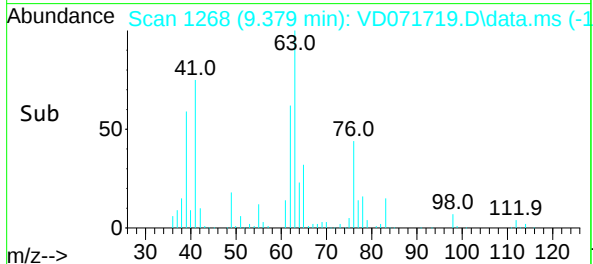
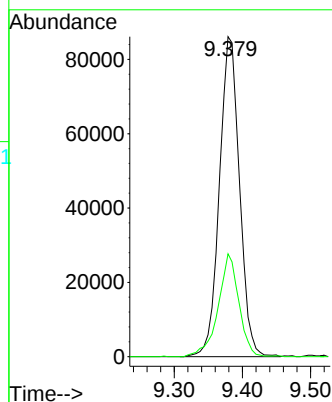
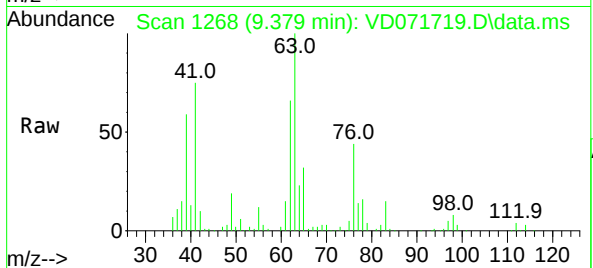
VSTDCCC050EC

Tgt Ion: 63 Resp: 176630

Ion Ratio Lower Upper

63 100

65 32.2 24.7 37.1



#46

Dibromomethane

Concen: 58.481 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

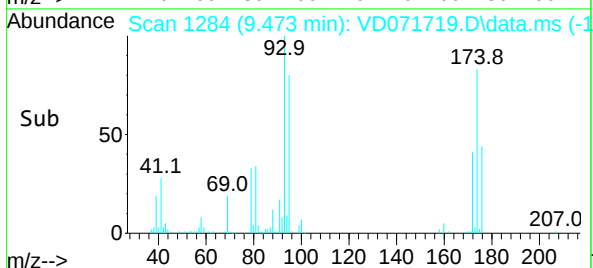
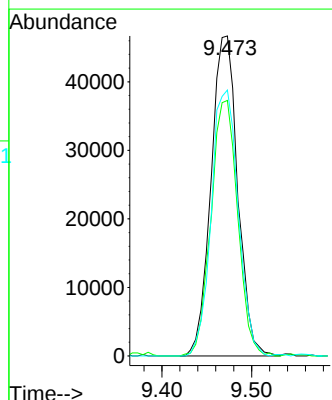
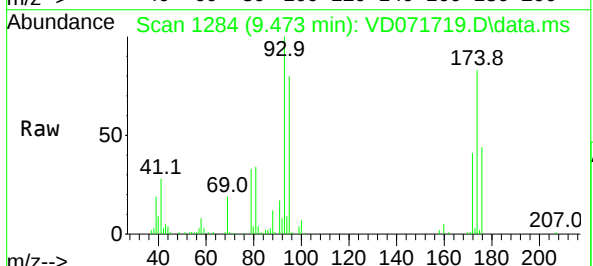
Tgt Ion: 93 Resp: 96434

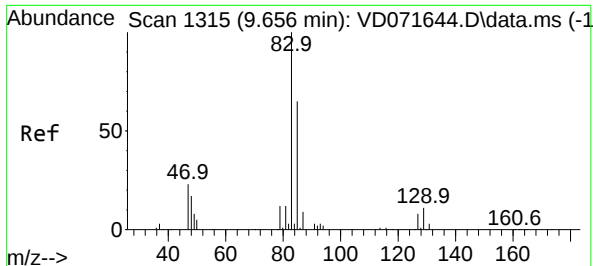
Ion Ratio Lower Upper

93 100

95 79.8 65.1 97.7

174 83.9 68.1 102.1





#47

Bromodichloromethane

Concen: 55.702 ug/l

RT: 9.655 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

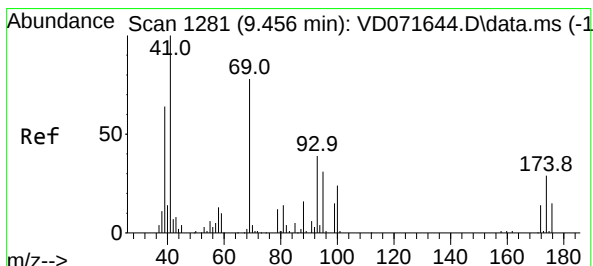
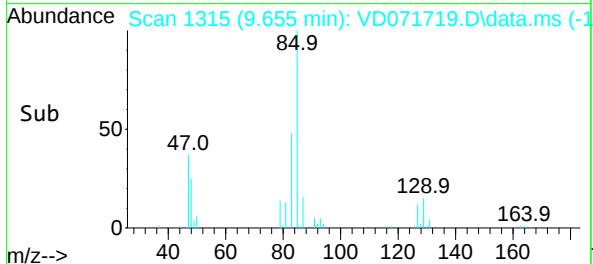
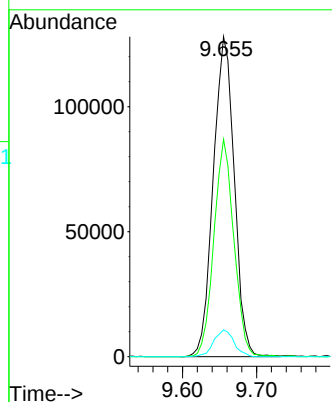
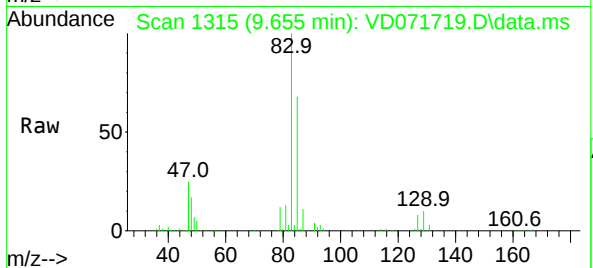
Tgt Ion: 83 Resp: 252180

Ion Ratio Lower Upper

83 100

85 67.9 50.6 75.8

127 8.4 6.1 9.1



#48

Methyl methacrylate

Concen: 63.142 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.006 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

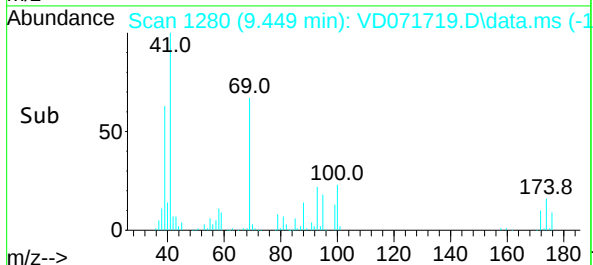
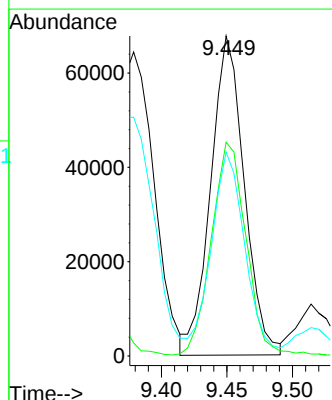
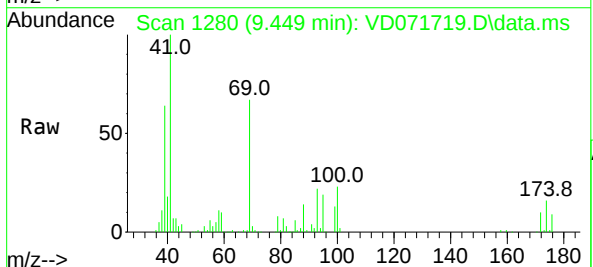
Tgt Ion: 41 Resp: 120579

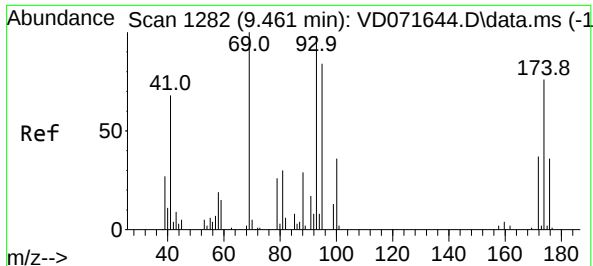
Ion Ratio Lower Upper

41 100

69 69.1 59.5 89.3

39 63.8 56.0 84.0





#49

1,4-Dioxane

Concen: 1435.990 ug/l

RT: 9.455 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

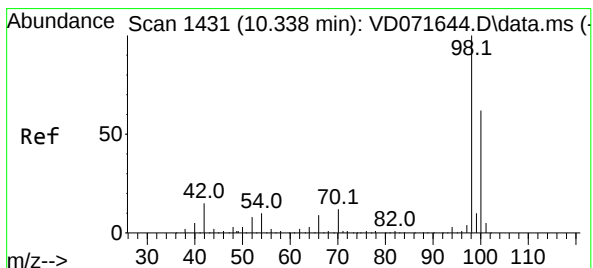
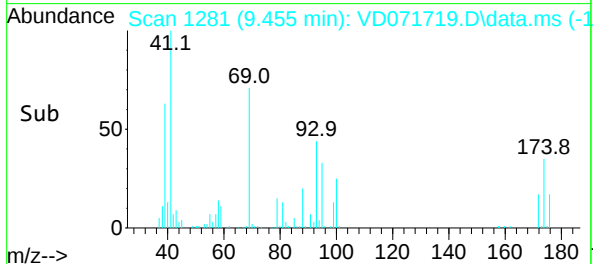
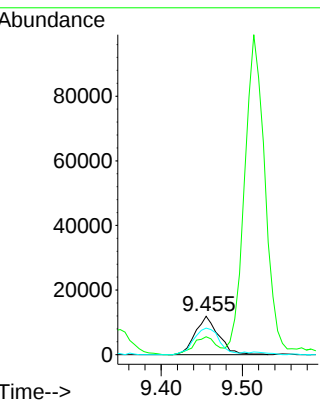
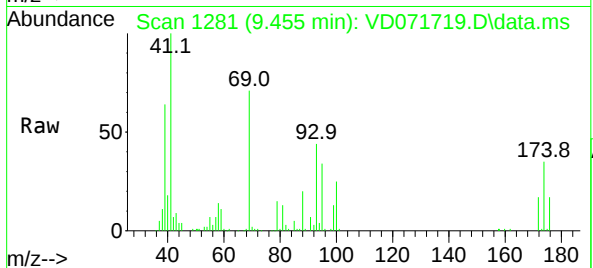
Tgt Ion: 88 Resp: 23740

Ion Ratio Lower Upper

88 100

43 46.9 34.6 52.0

58 75.4 62.0 93.0



#50

Toluene-d8

Concen: 57.087 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.005 min

Lab File: VD071719.D

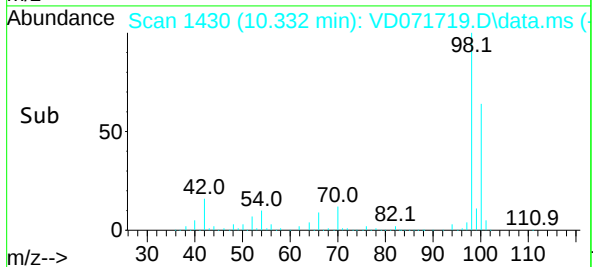
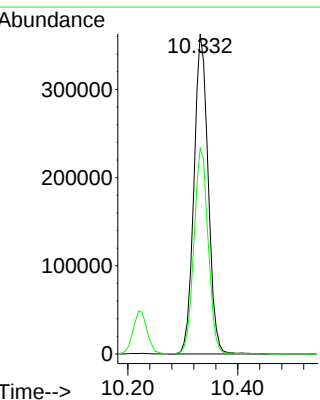
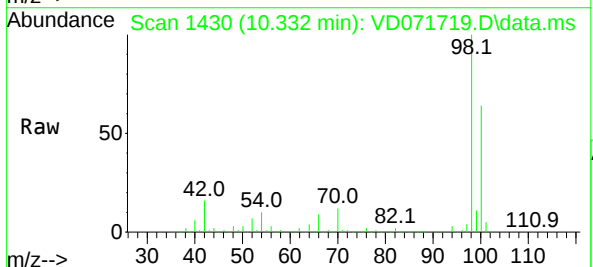
Acq: 13 Jan 2022 19:37

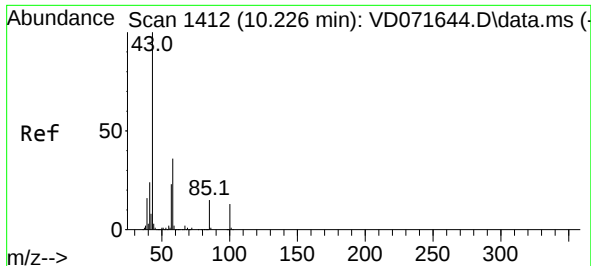
Tgt Ion: 98 Resp: 647987

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

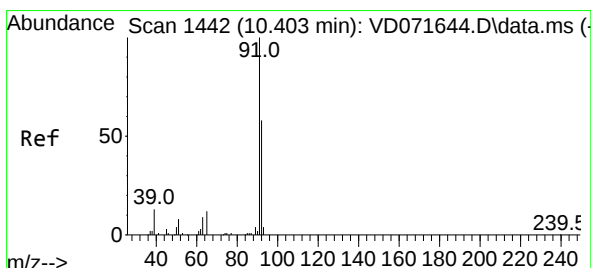
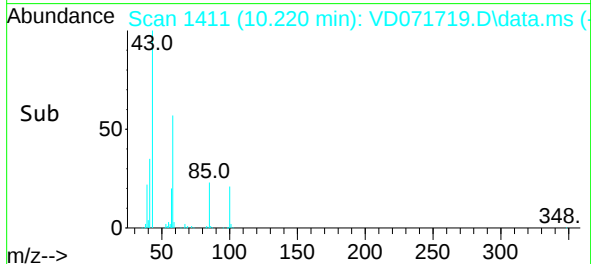
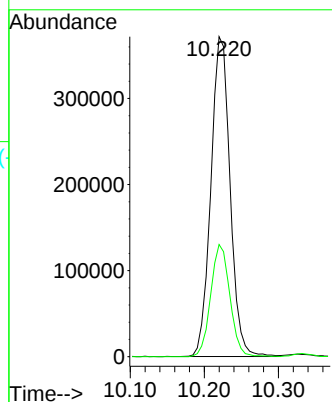
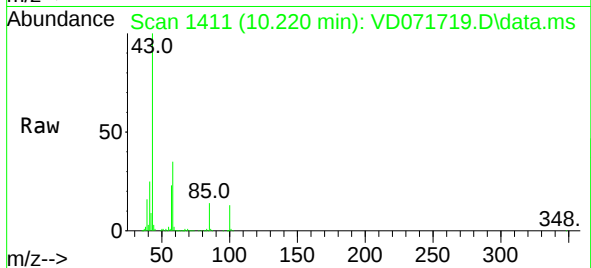




#51
4-Methyl-2-Pentanone
Concen: 335.751 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

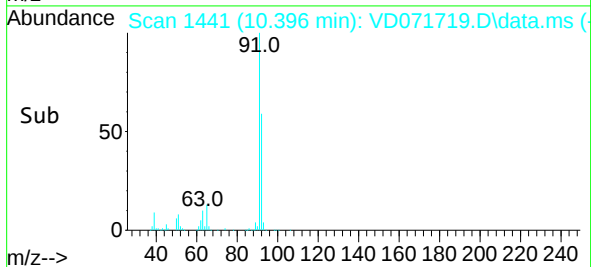
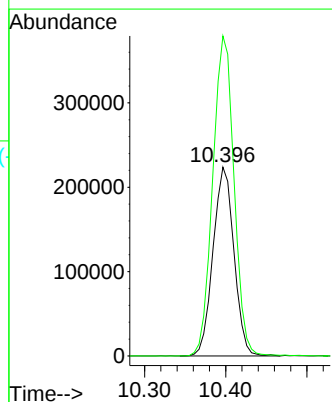
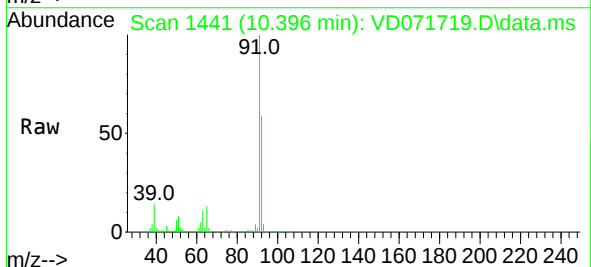
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

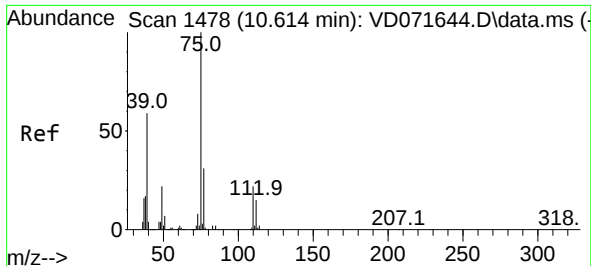
Tgt Ion: 43 Resp: 670190
Ion Ratio Lower Upper
43 100
58 35.0 28.2 42.2



#52
Toluene
Concen: 53.447 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 92 Resp: 400946
Ion Ratio Lower Upper
92 100
91 172.7 137.3 205.9

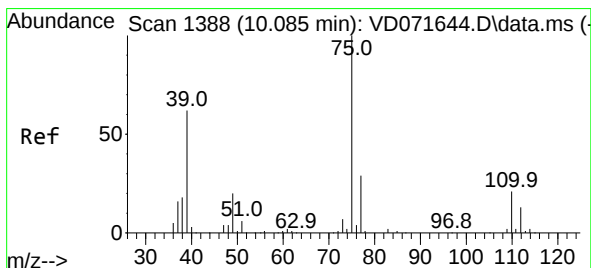
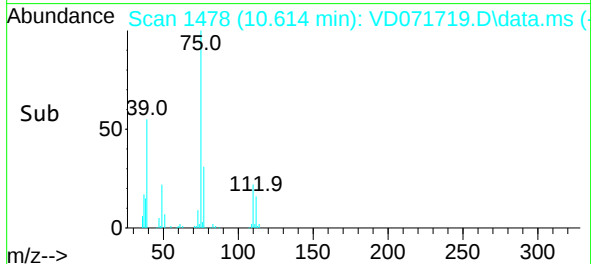
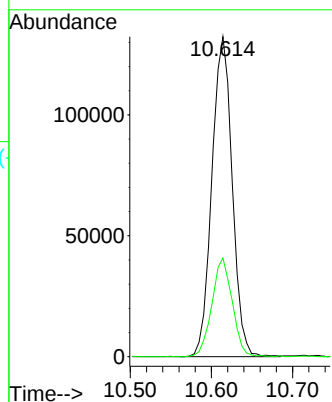
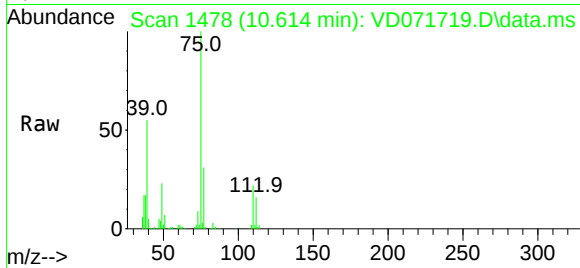




#53
t-1,3-Dichloropropene
Concen: 57.926 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

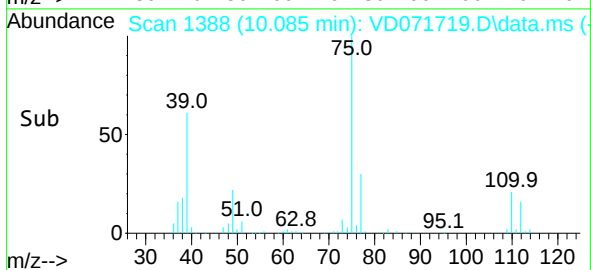
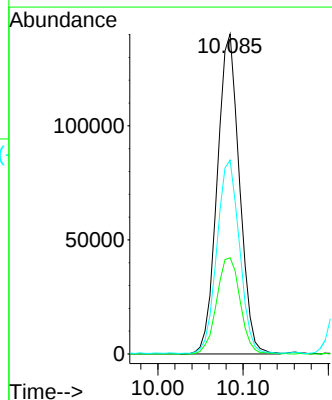
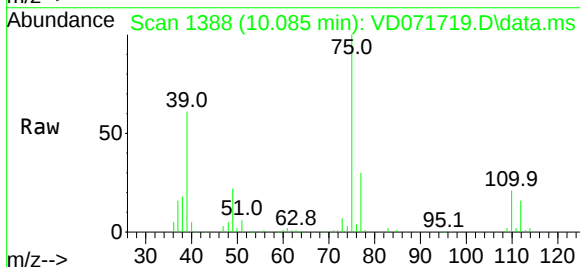
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

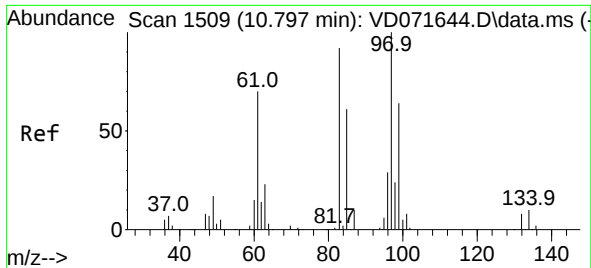
Tgt Ion: 75 Resp: 230050
Ion Ratio Lower Upper
75 100
77 30.9 24.2 36.2



#54
cis-1,3-Dichloropropene
Concen: 54.292 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 75 Resp: 254230
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.6
39 60.4 49.8 74.8



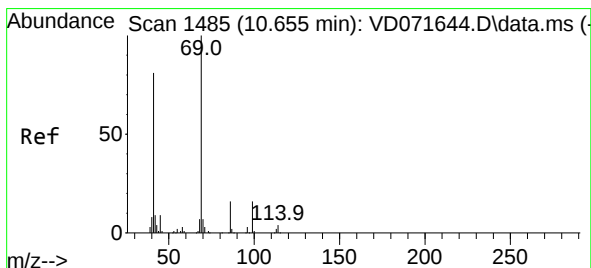
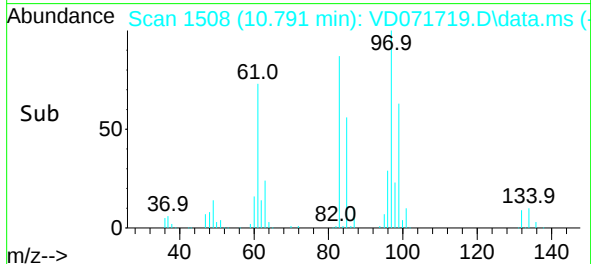
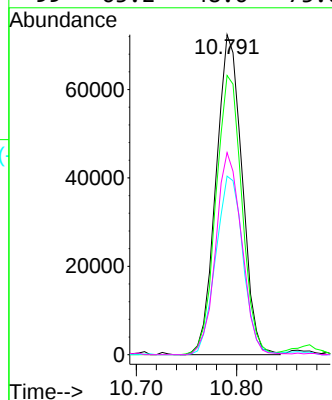
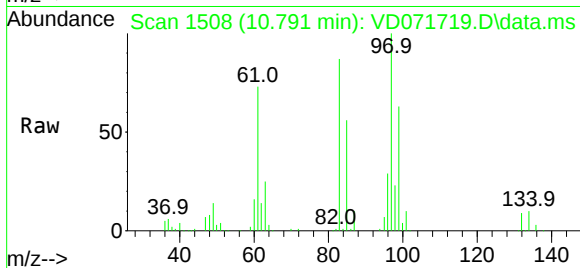


#55
1,1,2-Trichloroethane
Concen: 60.346 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.005 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 130453

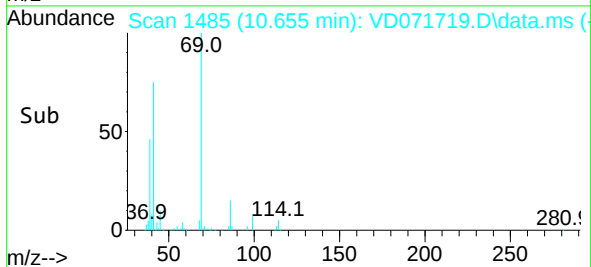
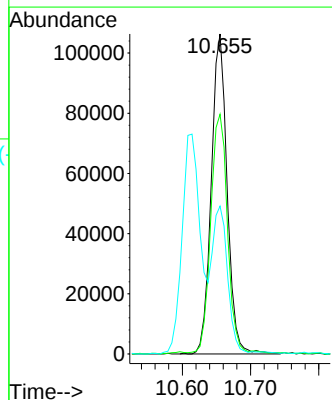
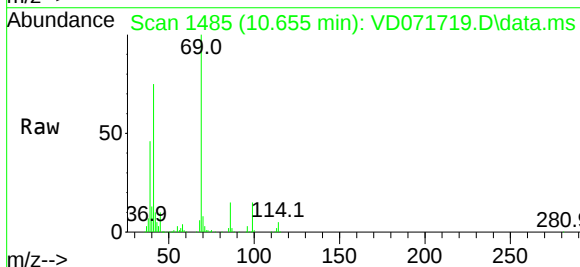
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.1	102.1
85	55.8	46.8	70.2
99	63.2	48.6	73.0

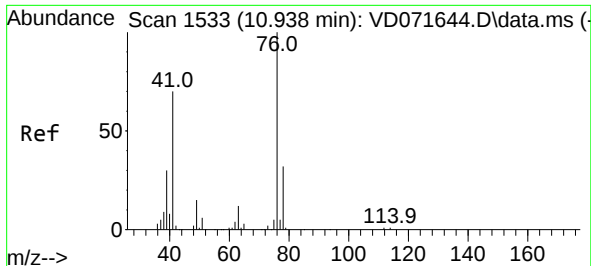


#56
Ethyl methacrylate
Concen: 64.931 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 69 Resp: 172051

Ion	Ratio	Lower	Upper
69	100		
41	78.2	65.8	98.6
39	43.0	38.7	58.1





#57

1,3-Dichloropropane

Concen: 57.639 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.005 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

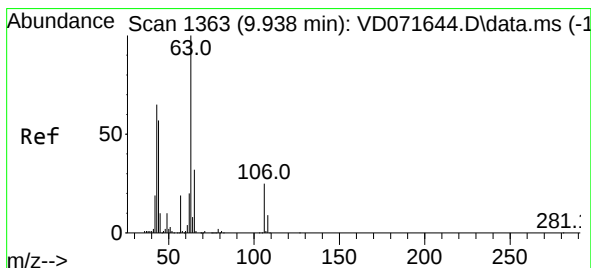
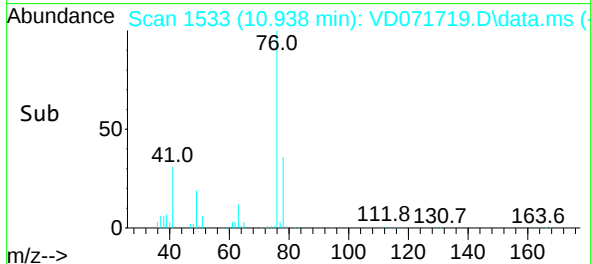
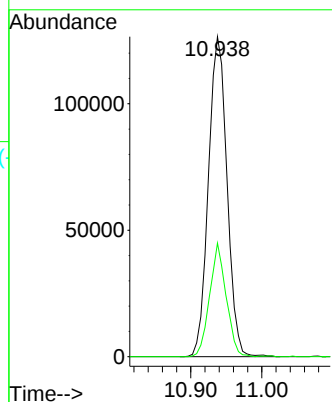
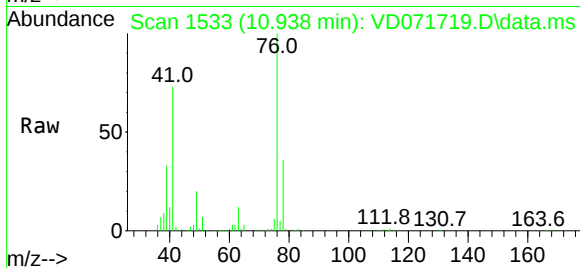
VSTDCCC050EC

Tgt Ion: 76 Resp: 230254

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 318.220 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.001 min

Lab File: VD071719.D

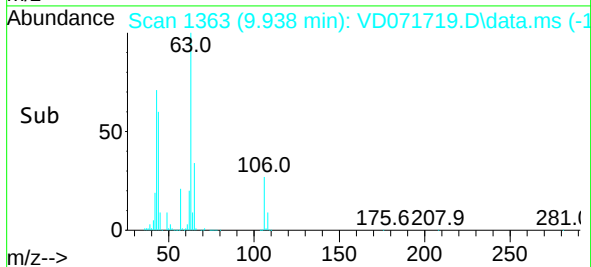
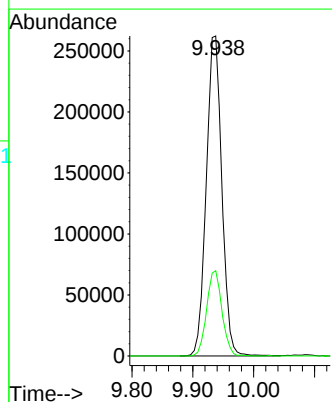
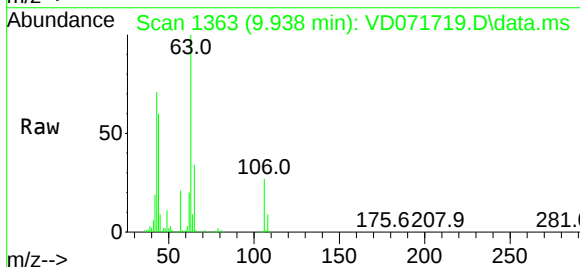
Acq: 13 Jan 2022 19:37

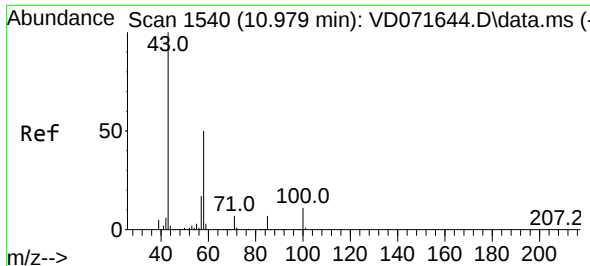
Tgt Ion: 63 Resp: 465487

Ion Ratio Lower Upper

63 100

106 26.1 20.7 31.1

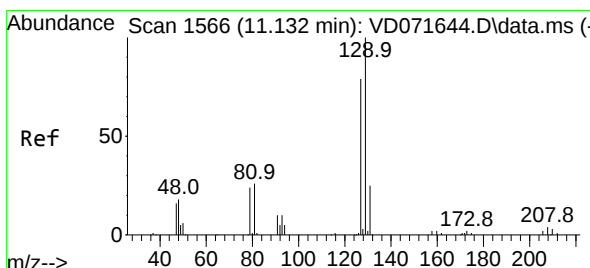
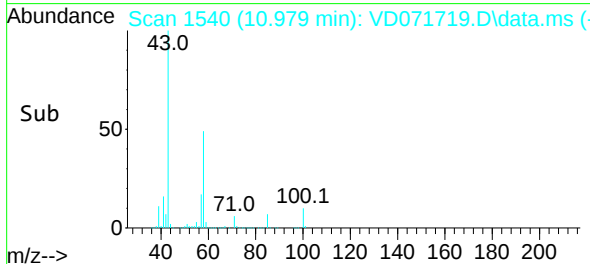
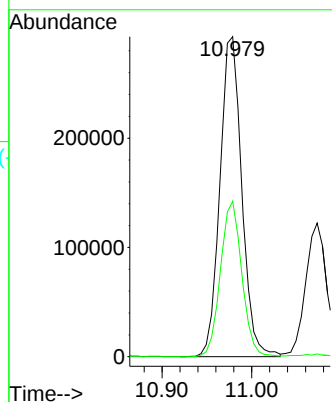
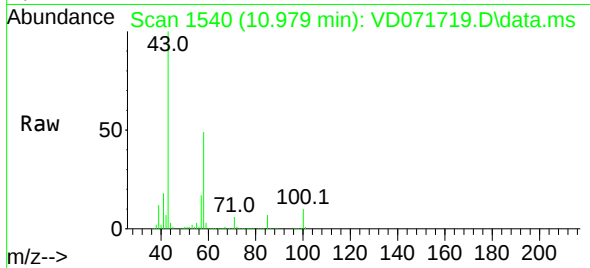




#59
2-Hexanone
Concen: 355.702 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

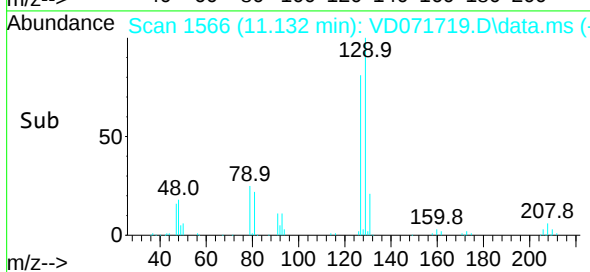
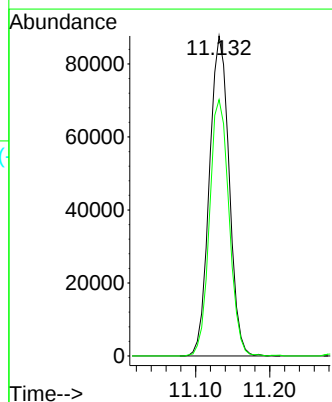
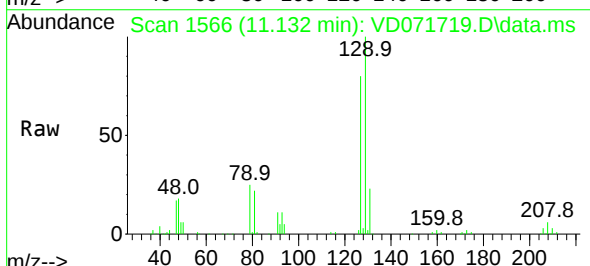
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

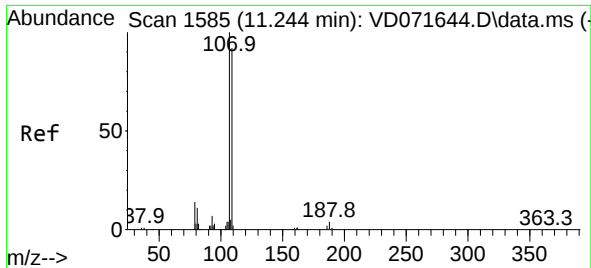
Tgt Ion: 43 Resp: 495908
Ion Ratio Lower Upper
43 100
58 47.4 24.3 72.8



#60
Dibromochloromethane
Concen: 58.924 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.005 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion:129 Resp: 162138
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.3

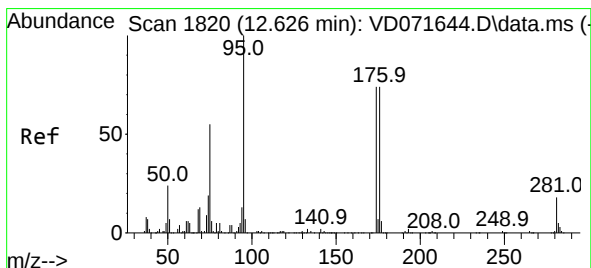
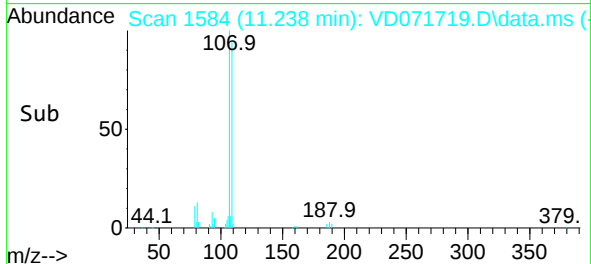
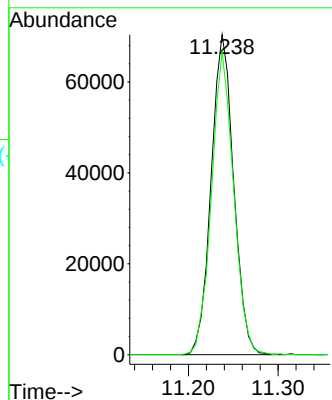
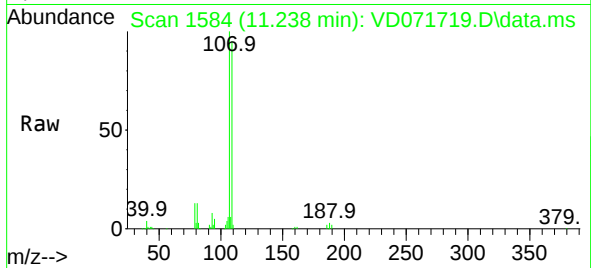




#61
1,2-Dibromoethane
Concen: 59.270 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

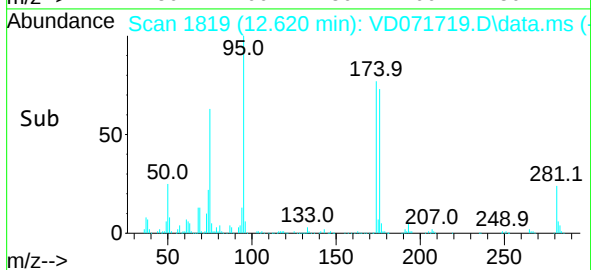
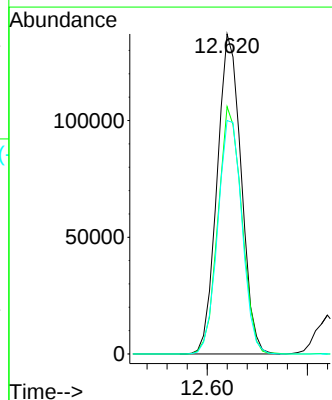
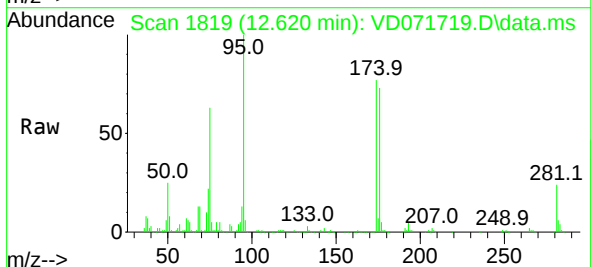
Instrument :
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ClientSampleId :
VSTDCCC050EC

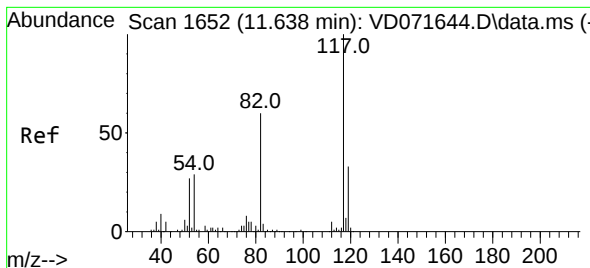
Tgt Ion:107 Resp: 122583
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 56.999 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 95 Resp: 227980
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.0
176 73.7 0.0 146.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

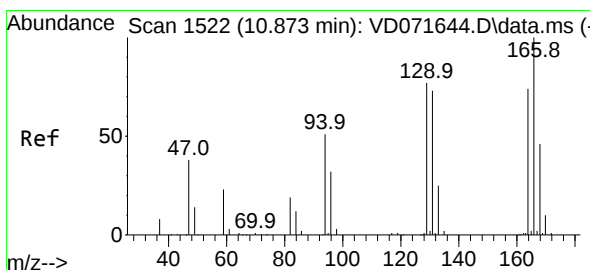
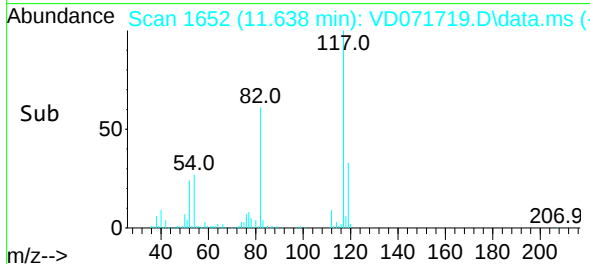
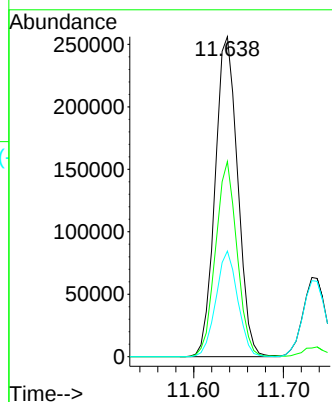
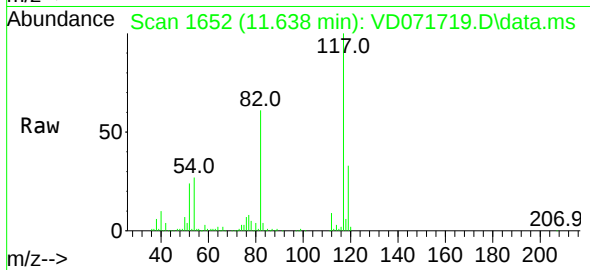
Tgt Ion:117 Resp: 447740

Ion Ratio Lower Upper

117 100

82 61.0 46.9 70.3

119 33.0 26.6 39.8



#64

Tetrachloroethene

Concen: 50.506 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Tgt Ion:164 Resp: 132833

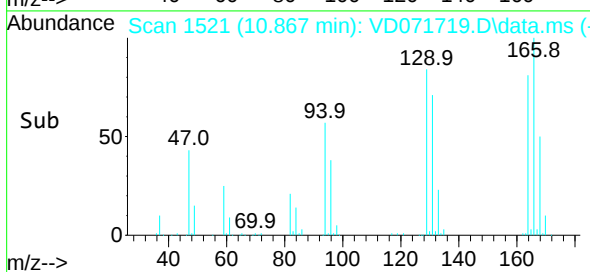
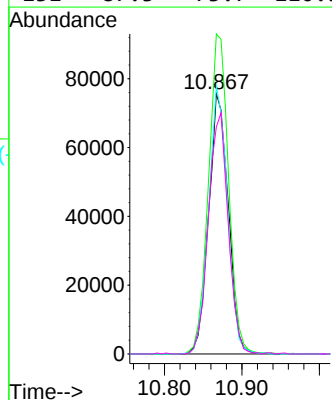
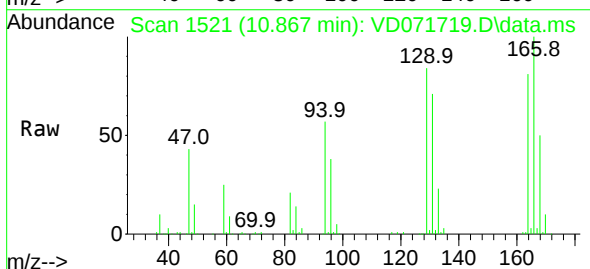
Ion Ratio Lower Upper

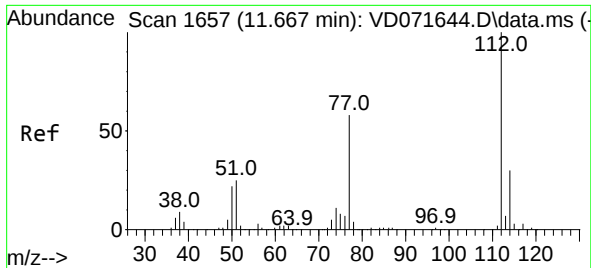
164 100

166 123.0 100.2 150.2

129 102.7 82.0 123.0

131 87.3 73.7 110.5

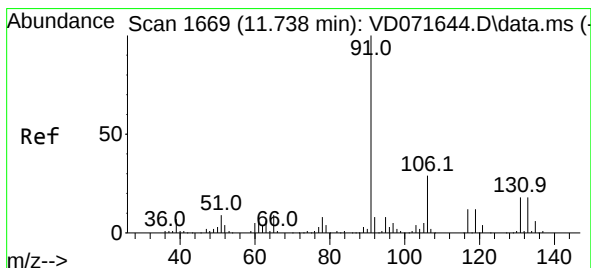
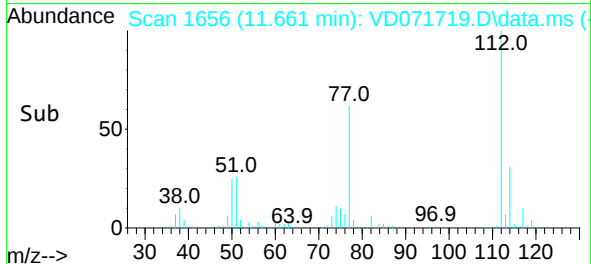
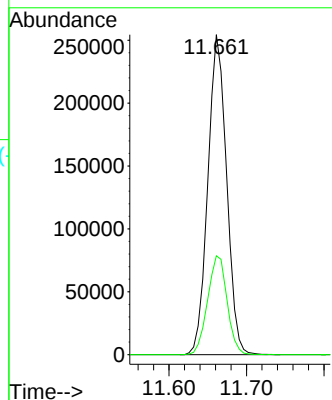
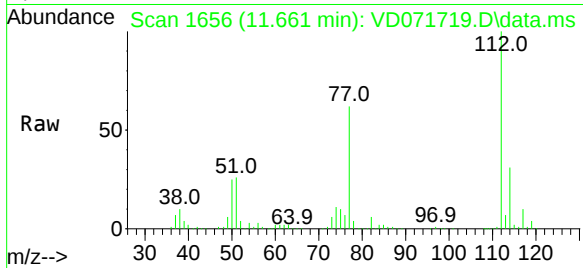




#65
Chlorobenzene
Concen: 49.860 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

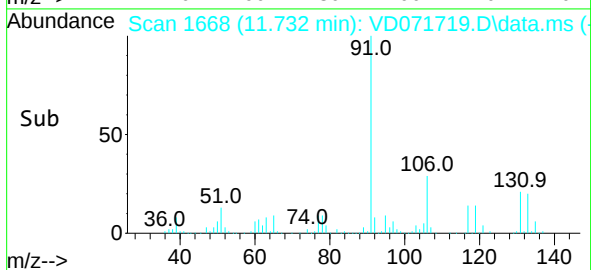
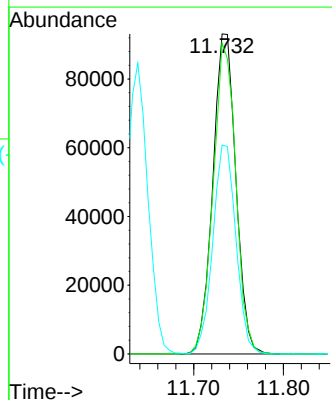
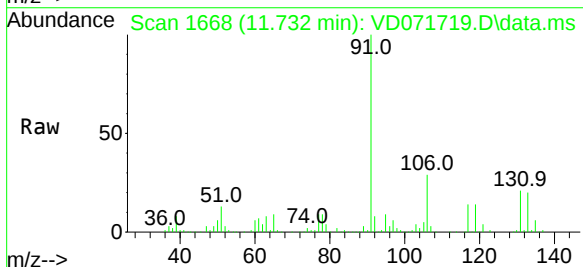
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

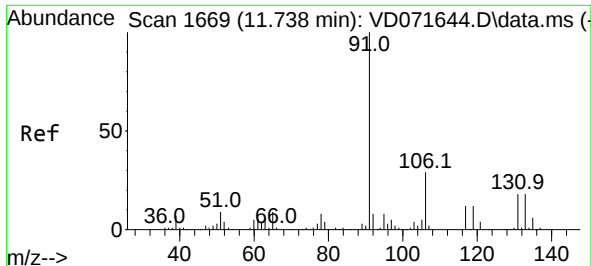
Tgt Ion:112 Resp: 427194
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.170 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.005 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion:131 Resp: 166235
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.3
119 65.5 33.8 101.4

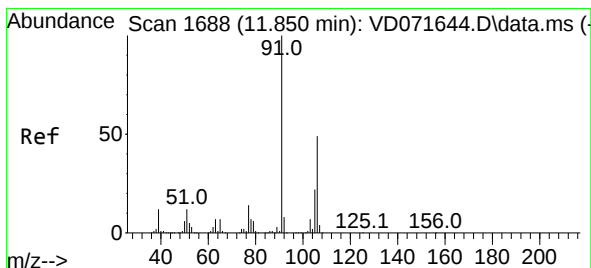
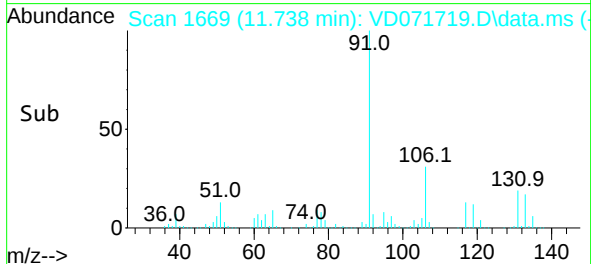
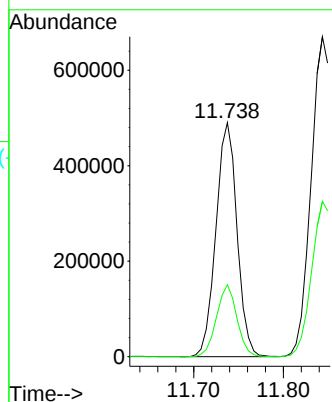
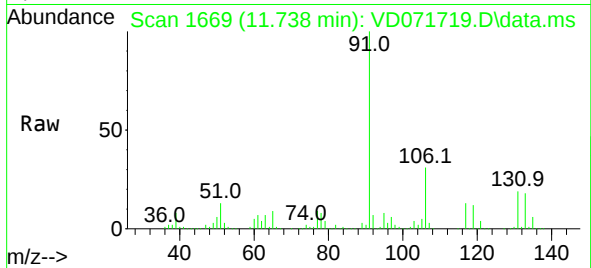




#67
Ethyl Benzene
Concen: 50.811 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

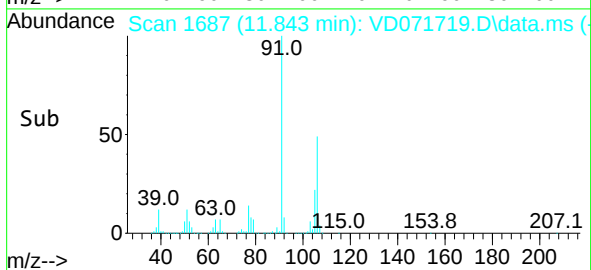
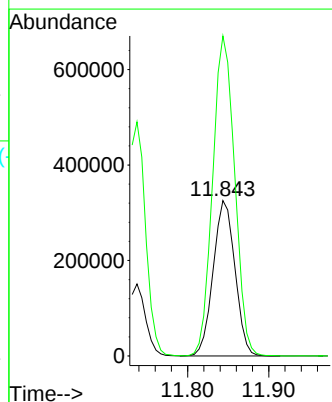
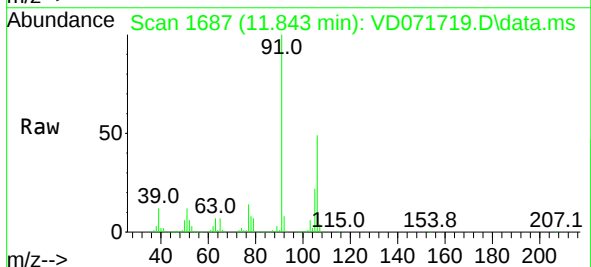
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

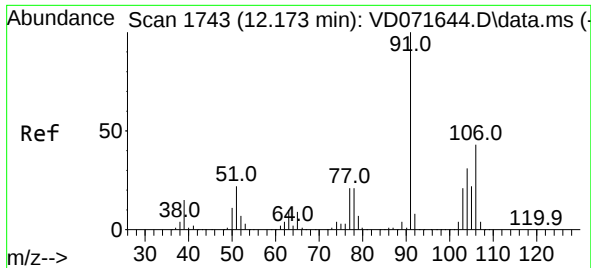
Tgt Ion: 91 Resp: 799221
Ion Ratio Lower Upper
91 100
106 30.8 23.6 35.4



#68
m/p-Xylenes
Concen: 103.863 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 106 Resp: 607612
Ion Ratio Lower Upper
106 100
91 208.2 168.6 252.8

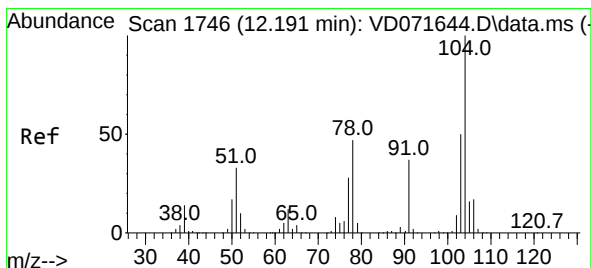
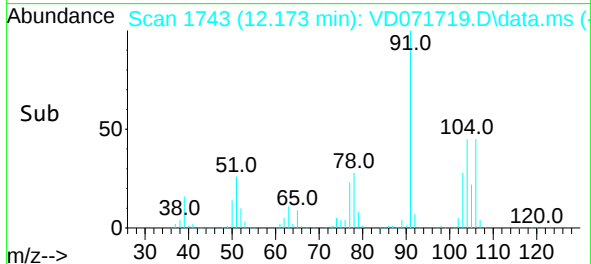
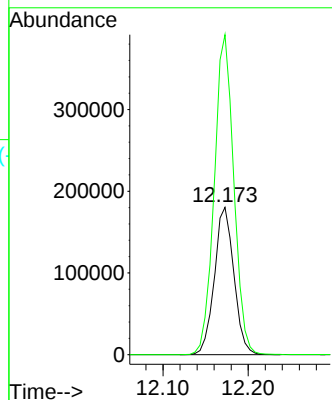
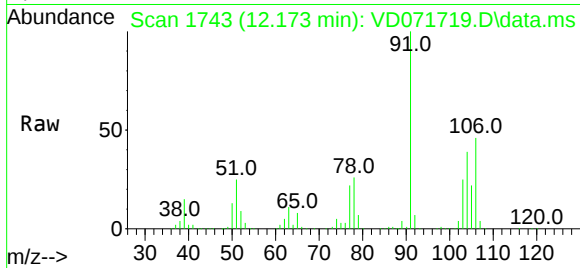




#69
o-Xylene
Concen: 51.878 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

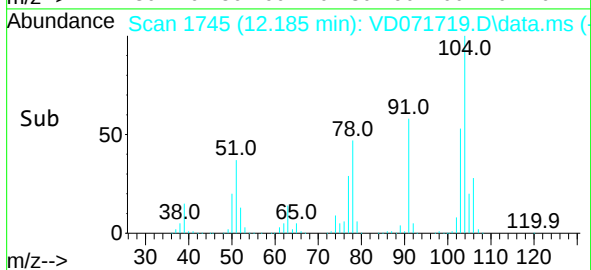
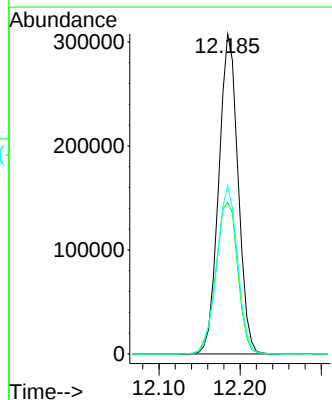
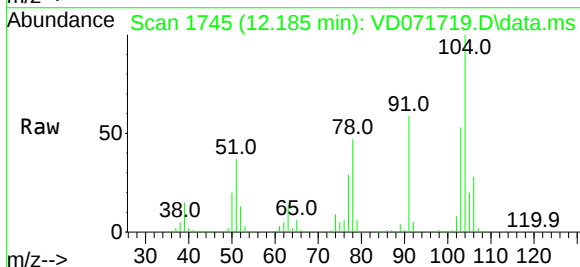
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

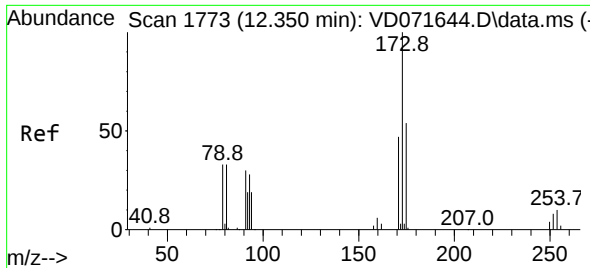
Tgt Ion:106 Resp: 287257
Ion Ratio Lower Upper
106 100
91 217.9 110.9 332.9



#70
Styrene
Concen: 53.593 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.005 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion:104 Resp: 508645
Ion Ratio Lower Upper
104 100
78 53.9 42.8 64.2
103 56.1 43.6 65.4

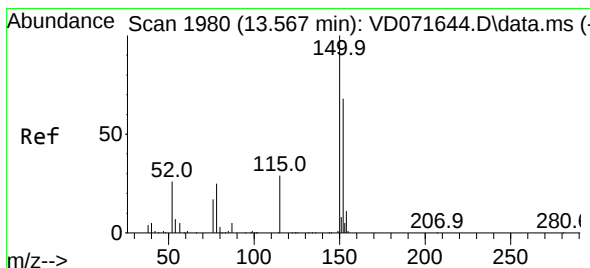
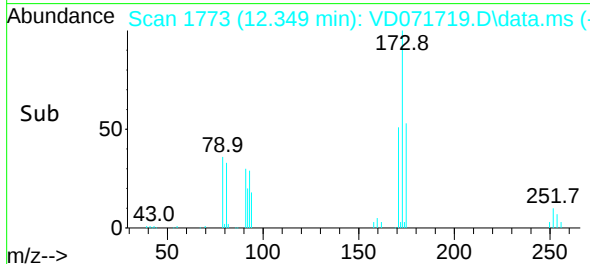
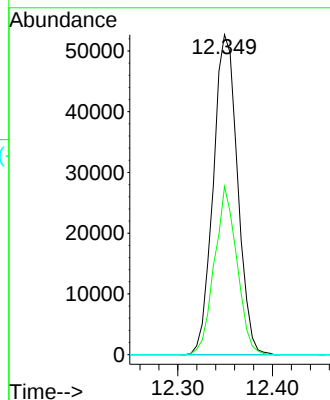
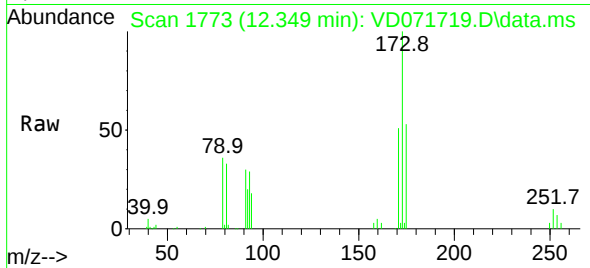




#71
Bromoform
Concen: 59.113 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

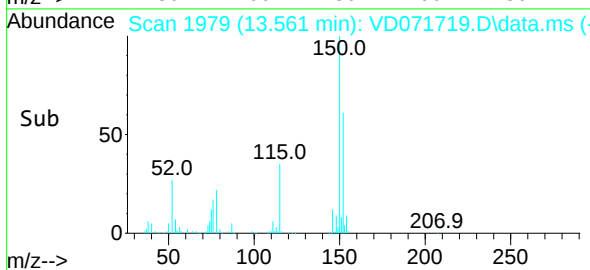
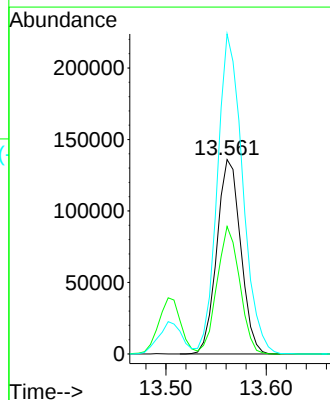
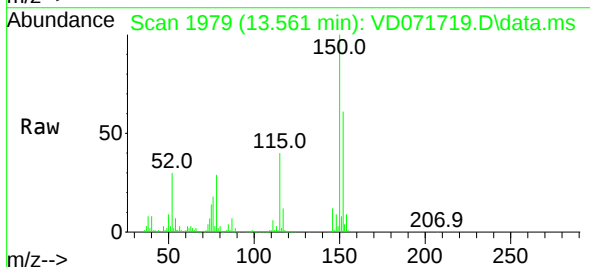
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

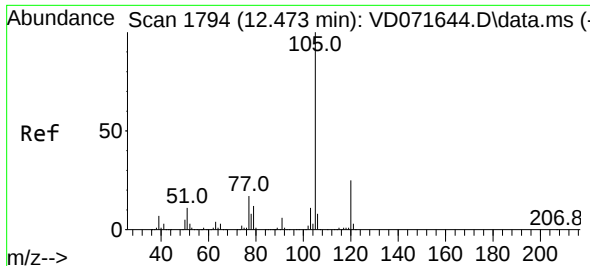
Tgt Ion:173 Resp: 93771
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion:152 Resp: 224900
Ion Ratio Lower Upper
152 100
115 62.2 31.5 94.5
150 174.9 0.0 348.0

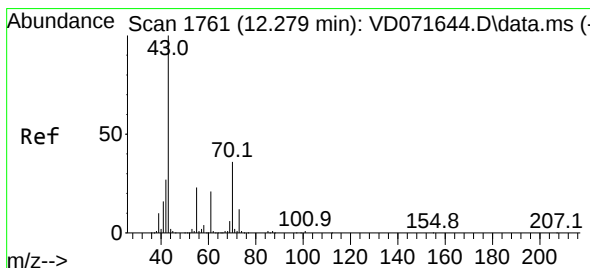
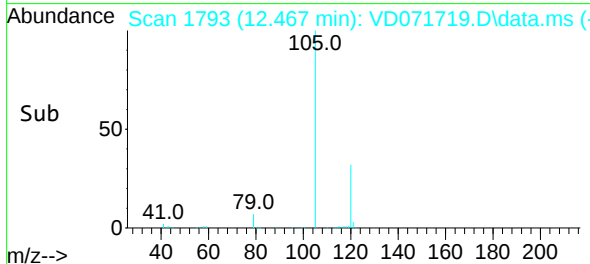
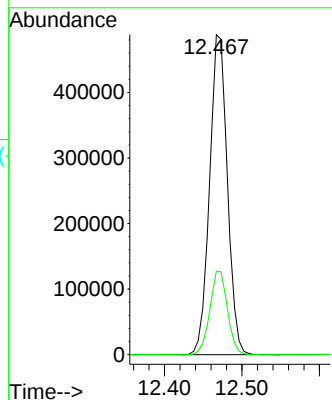
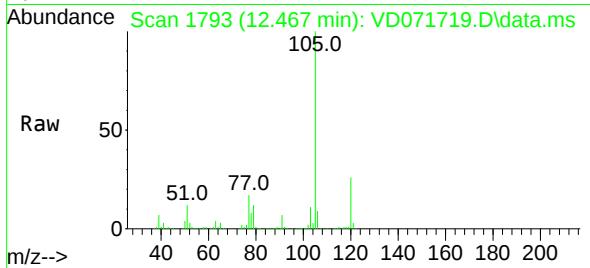




#73
Isopropylbenzene
Concen: 48.230 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

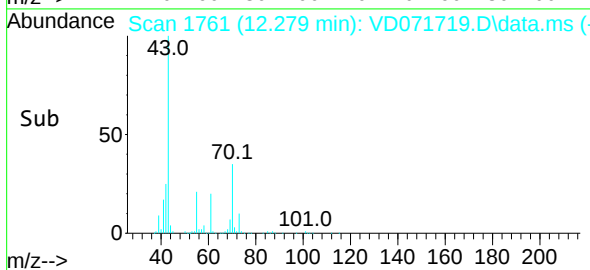
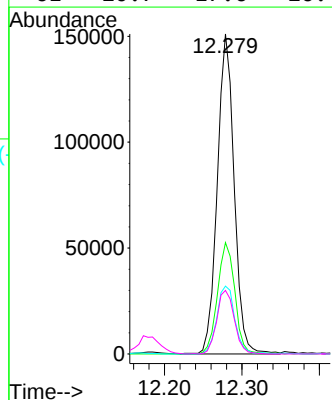
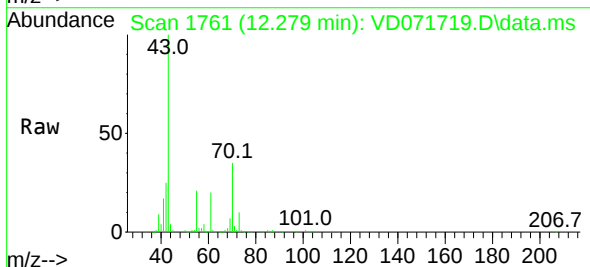
Instrument :
MSVOA_D
ClientSampleId :
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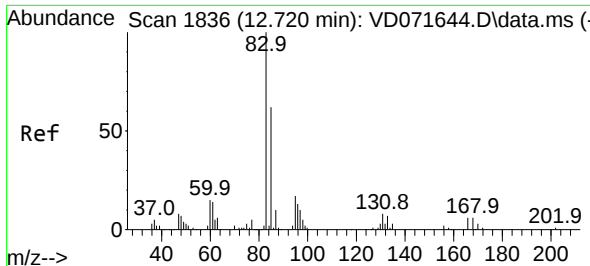
Tgt Ion:105 Resp: 779492
Ion Ratio Lower Upper
105 100
120 25.8 12.5 37.5



#74
N-ethyl acetate
Concen: 57.613 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.001 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 43 Resp: 228406
Ion Ratio Lower Upper
43 100
70 35.9 29.5 44.3
55 22.5 19.1 28.7
61 20.7 17.6 26.4

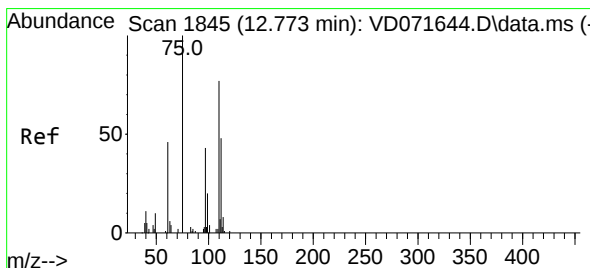
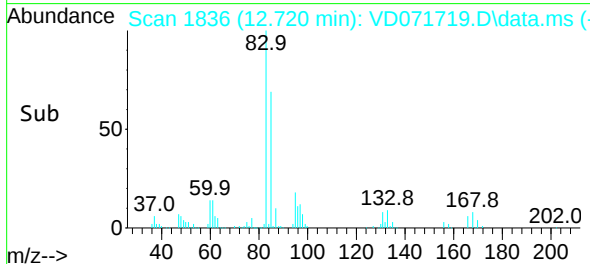
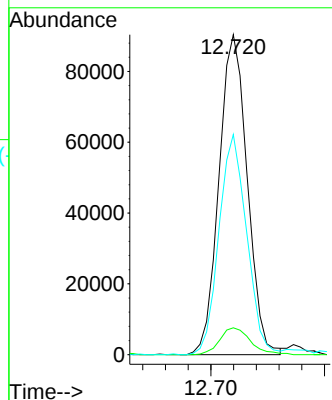
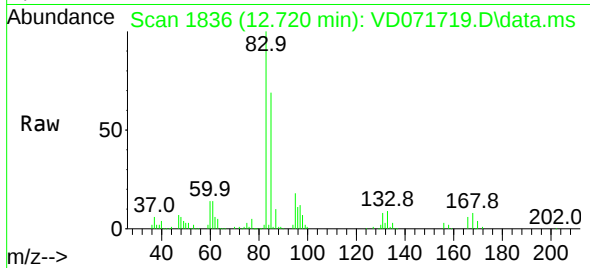




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.528 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD071719.D
 Acq: 13 Jan 2022 19:37

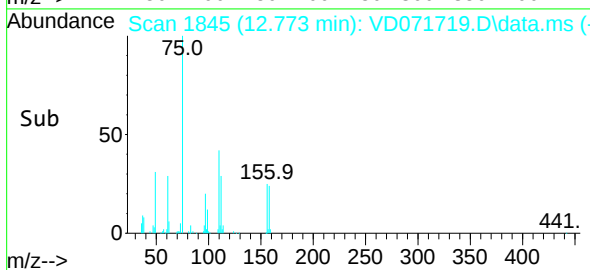
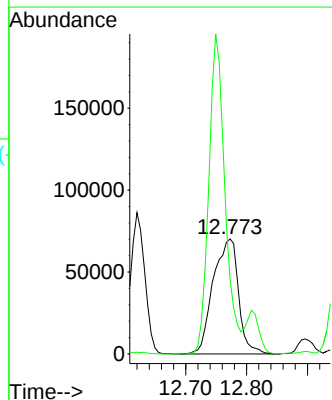
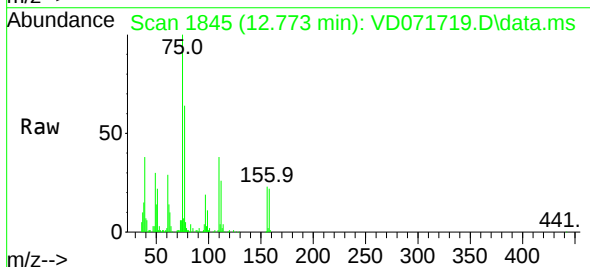
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

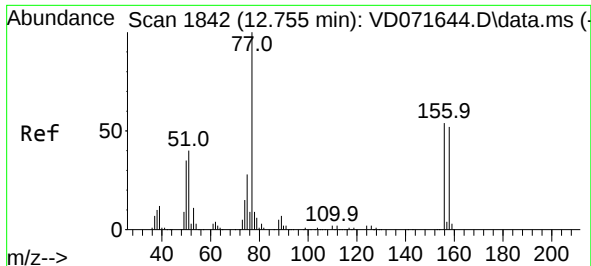
Tgt Ion: 83 Resp: 156165
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.0 14.9
 85 67.4 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 93.205 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VD071719.D
 Acq: 13 Jan 2022 19:37

Tgt Ion: 75 Resp: 202550
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

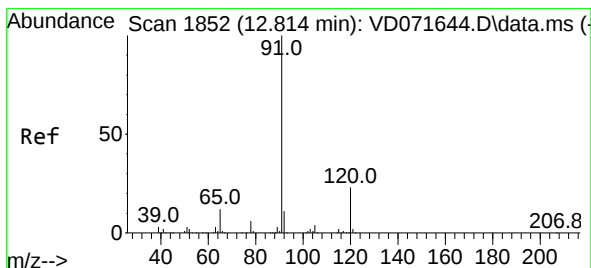
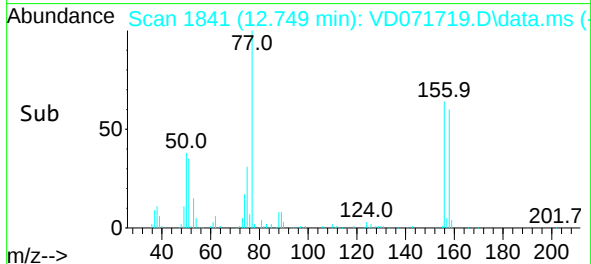
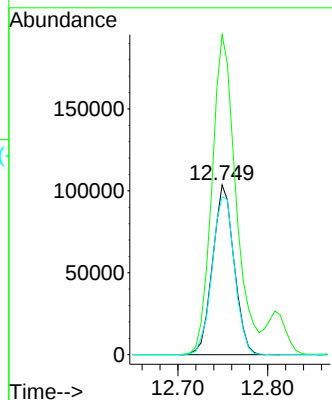
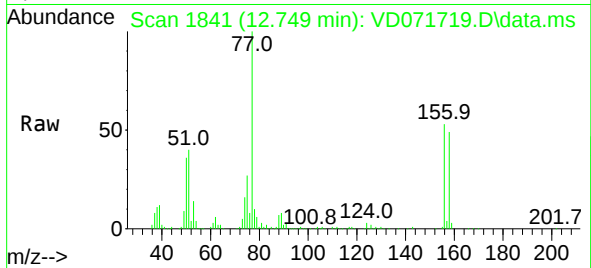




#77
Bromobenzene
Concen: 49.245 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

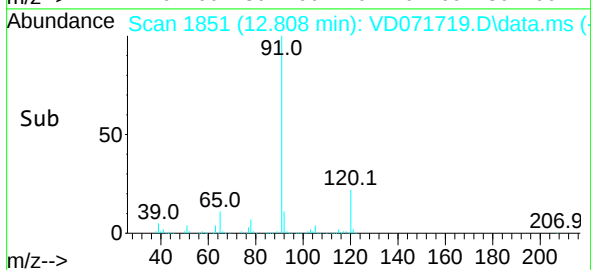
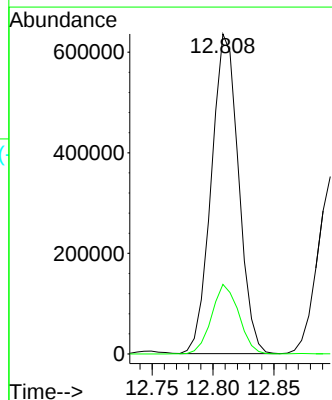
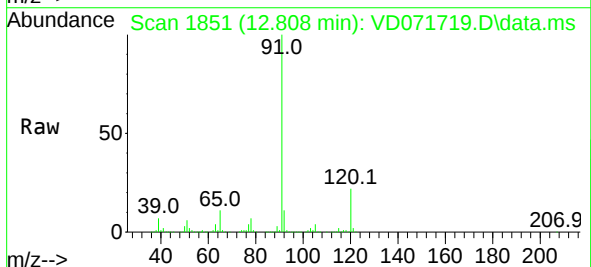
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

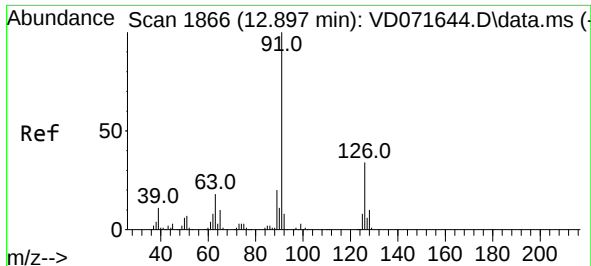
Tgt Ion:156 Resp: 171922
Ion Ratio Lower Upper
156 100
77 209.9 101.4 304.2
158 97.4 46.8 140.3



#78
n-propylbenzene
Concen: 48.688 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 91 Resp: 989655
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.7

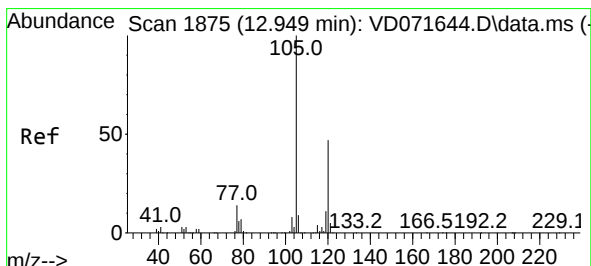
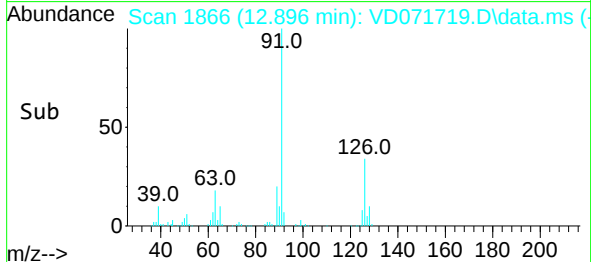
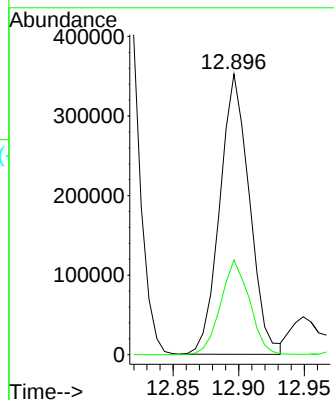
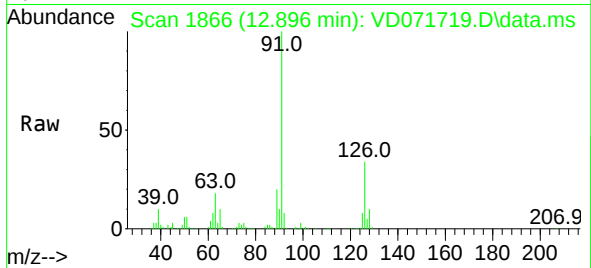




#79
2-Chlorotoluene
Concen: 48.361 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

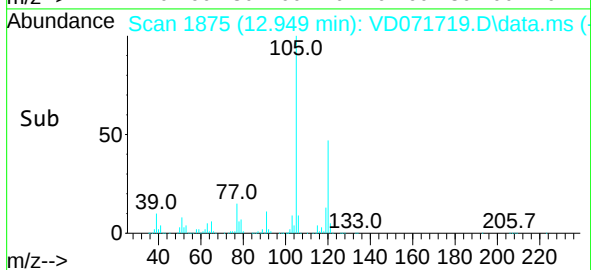
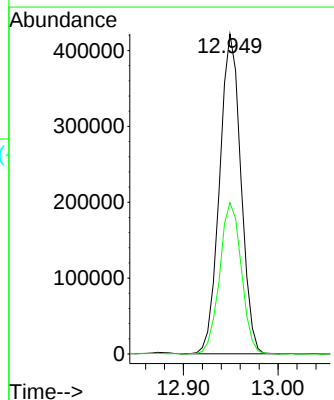
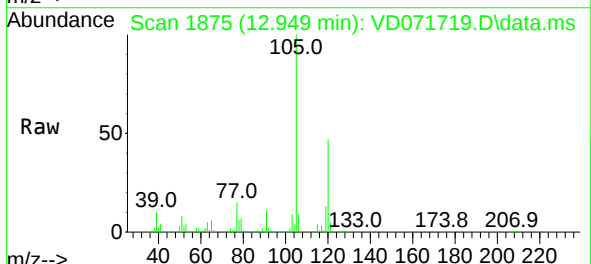
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

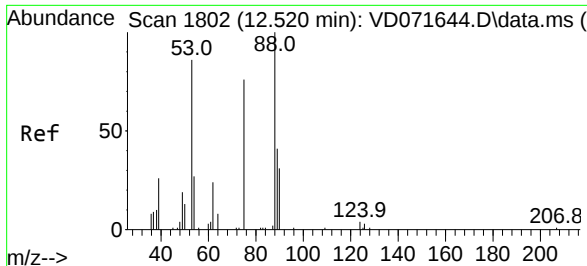
Tgt Ion: 91 Resp: 554036
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 48.807 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 105 Resp: 659092
Ion Ratio Lower Upper
105 100
120 48.1 24.2 72.6

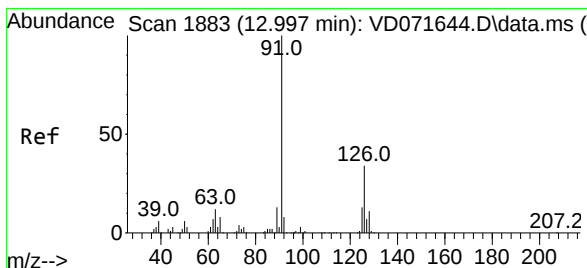
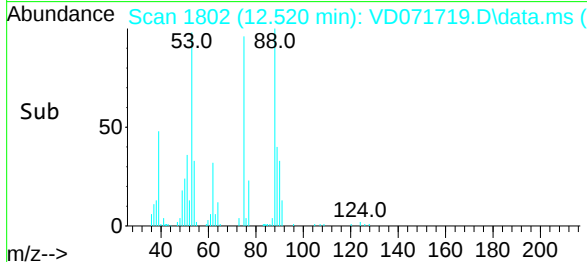
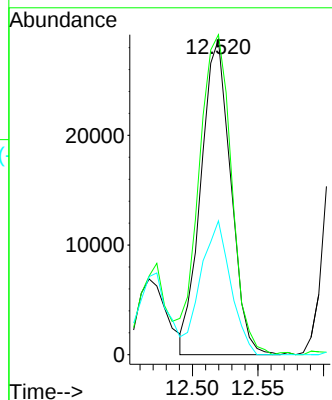
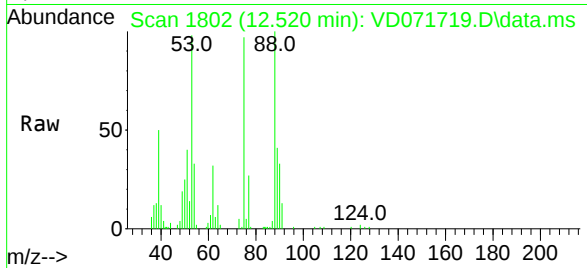




#81
trans-1,4-Dichloro-2-butene
Concen: 58.228 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

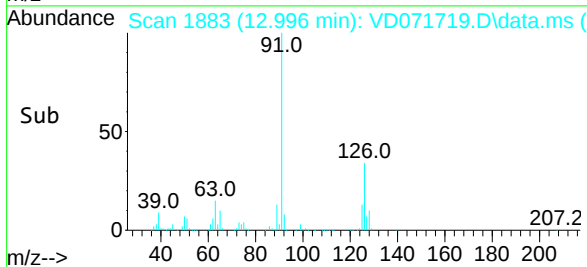
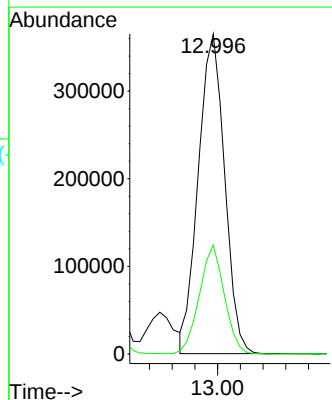
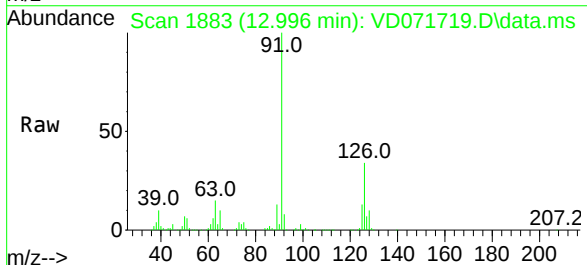
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

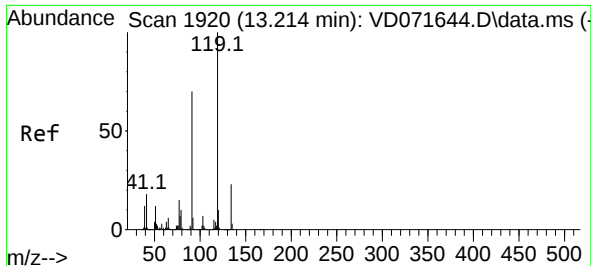
Tgt Ion: 75 Resp: 45389
Ion Ratio Lower Upper
75 100
53 112.8 95.4 143.0
89 42.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 49.368 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 91 Resp: 586762
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.3

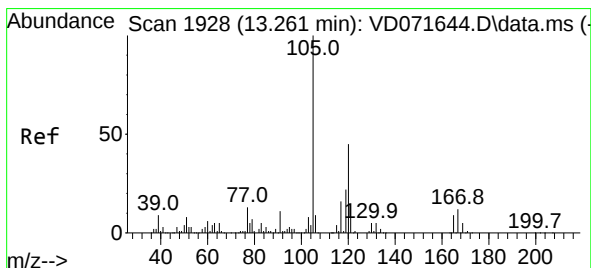
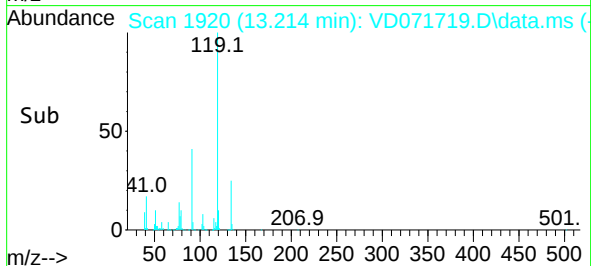
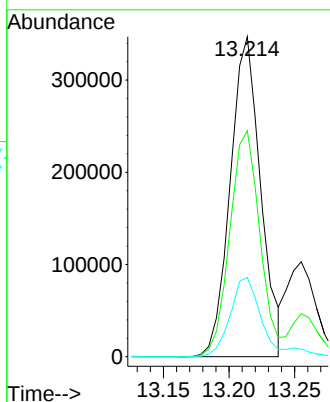
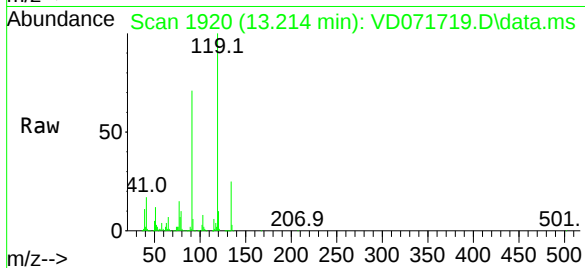




#83
 tert-Butylbenzene
 Concen: 48.572 ug/l
 RT: 13.214 min Scan# 1920
 Delta R.T. -0.000 min
 Lab File: VD071719.D
 Acq: 13 Jan 2022 19:37

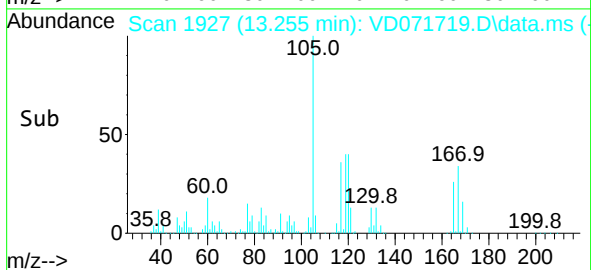
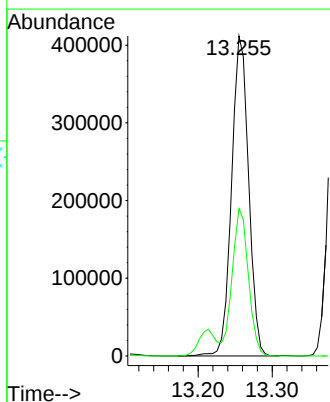
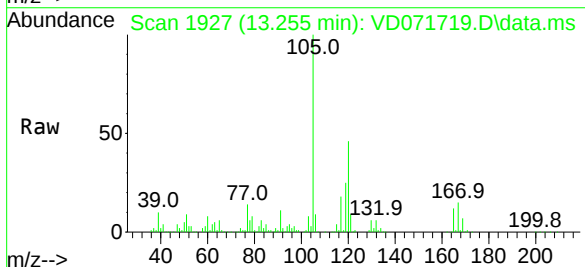
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

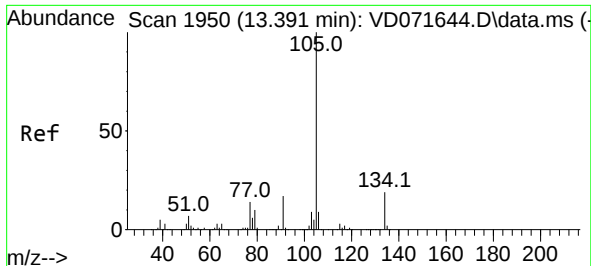
Tgt Ion:119 Resp: 560471
 Ion Ratio Lower Upper
 119 100
 91 69.5 35.6 106.8
 134 26.3 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.130 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: VD071719.D
 Acq: 13 Jan 2022 19:37

Tgt Ion:105 Resp: 656094
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.3 66.9

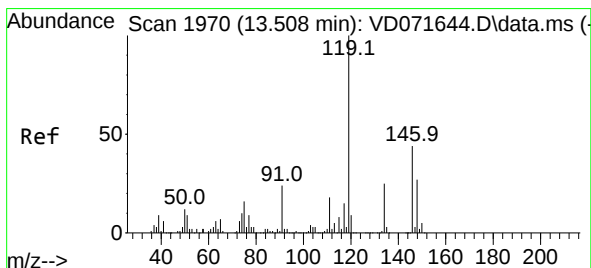
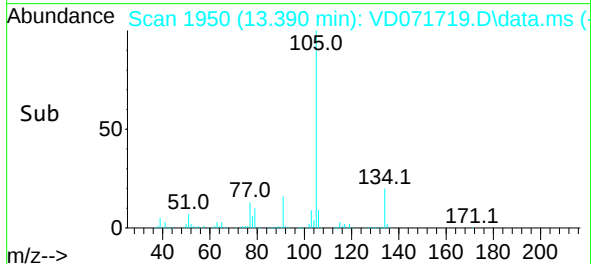
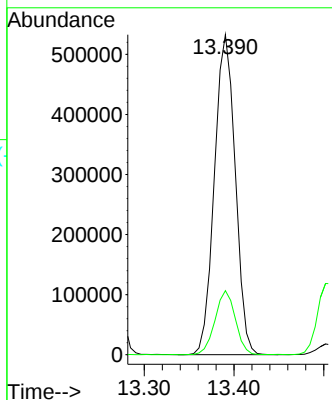
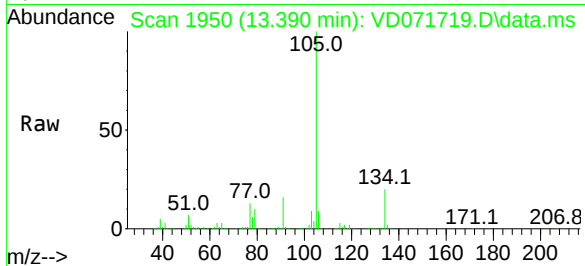




#85
 sec-Butylbenzene
 Concen: 48.627 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071719.D
 Acq: 13 Jan 2022 19:37

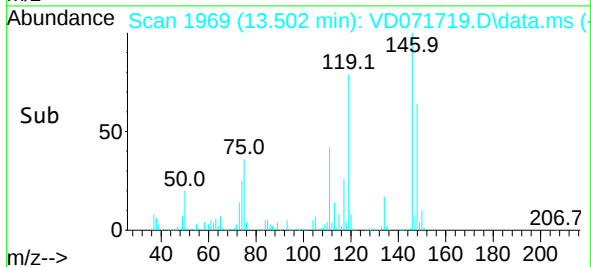
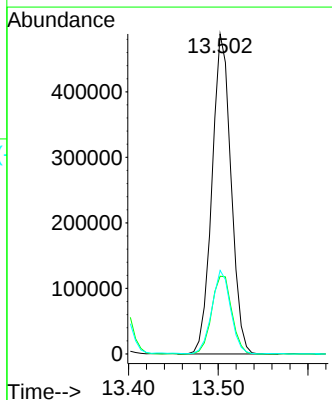
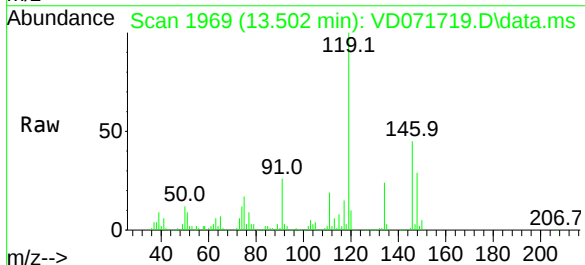
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

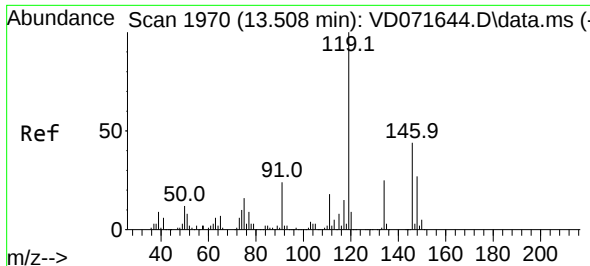
Tgt Ion:105 Resp: 859418
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 49.513 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071719.D
 Acq: 13 Jan 2022 19:37

Tgt Ion:119 Resp: 718465
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 25.7 12.4 37.2

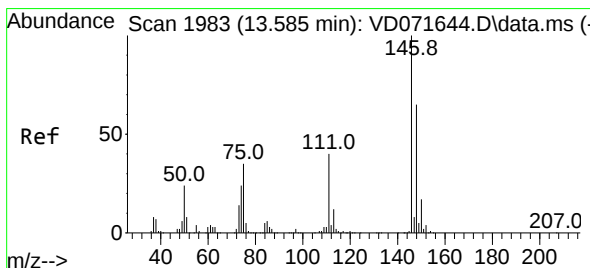
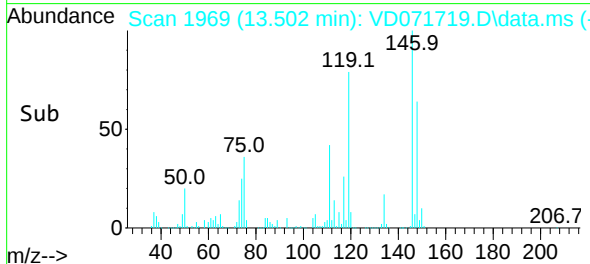
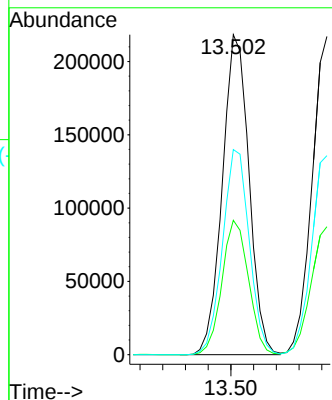
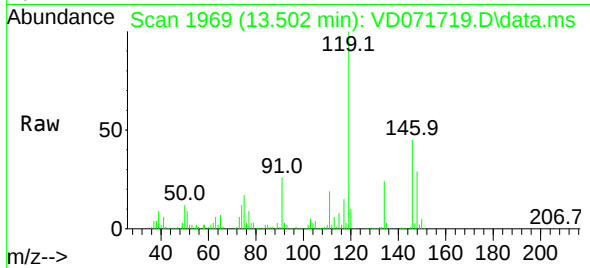




#87
1,3-Dichlorobenzene
Concen: 49.400 ug/l
RT: 13.502 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

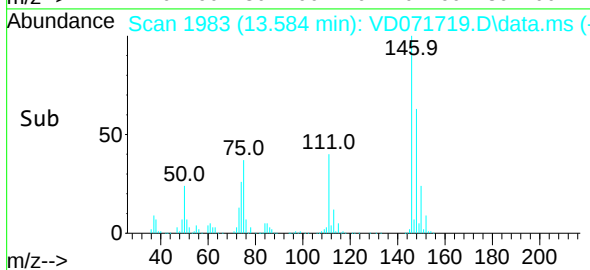
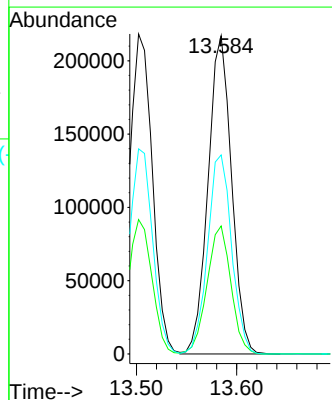
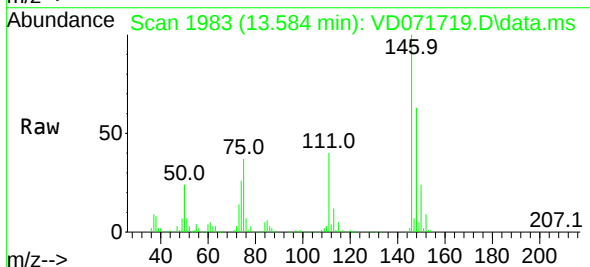
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

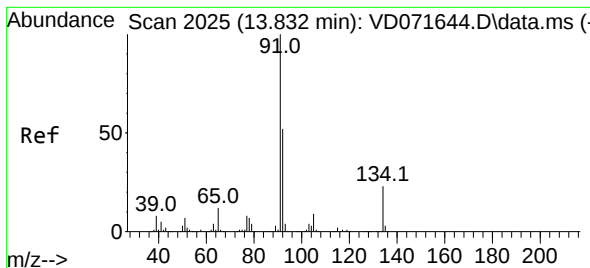
Tgt Ion:146 Resp: 355909
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.5
148 64.5 31.3 93.8



#88
1,4-Dichlorobenzene
Concen: 48.151 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion:146 Resp: 353919
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 64.0 32.3 96.9





#89

n-Butylbenzene

Concen: 48.372 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. 0.001 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

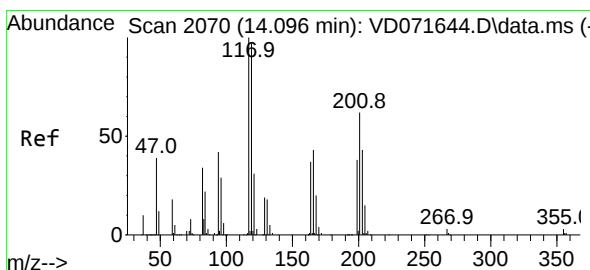
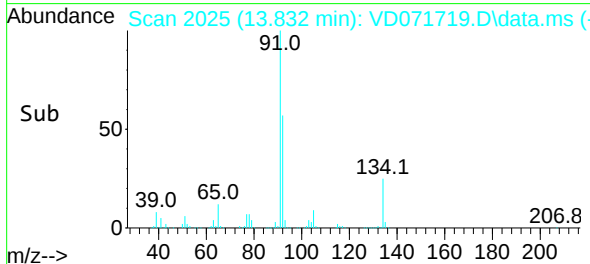
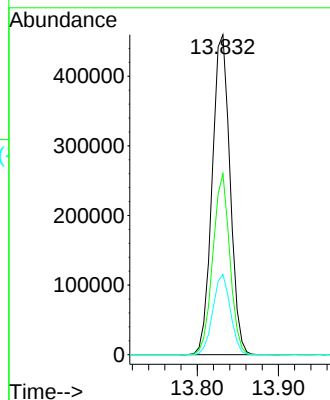
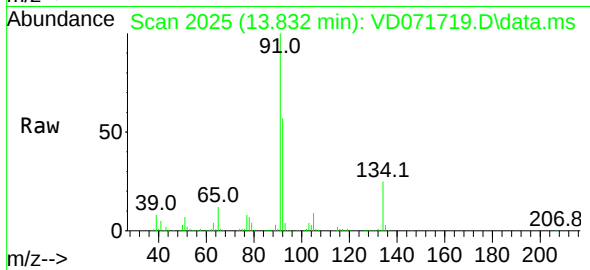
Tgt Ion: 91 Resp: 702926

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.8

134 24.5 12.1 36.3



#90

Hexachloroethane

Concen: 49.209 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. -0.006 min

Lab File: VD071719.D

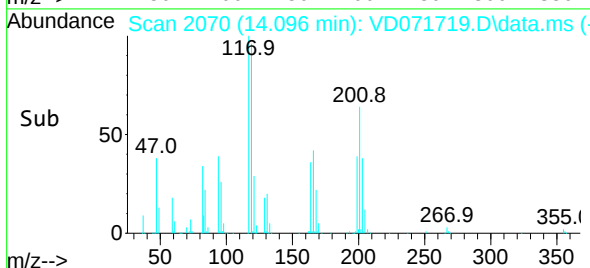
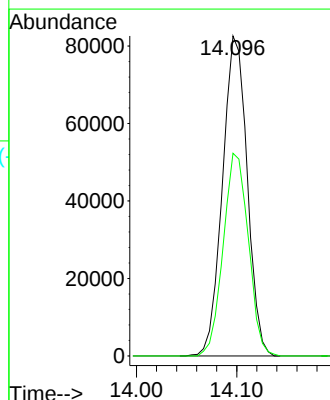
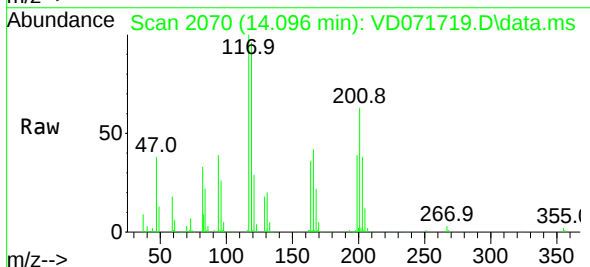
Acq: 13 Jan 2022 19:37

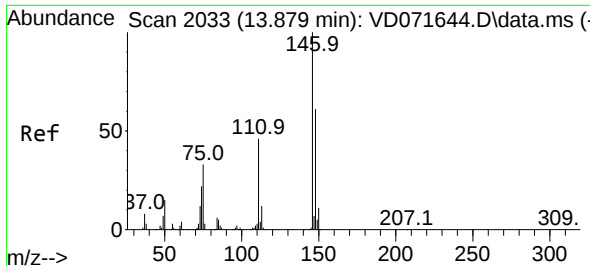
Tgt Ion: 117 Resp: 141273

Ion Ratio Lower Upper

117 100

201 64.6 32.1 96.5

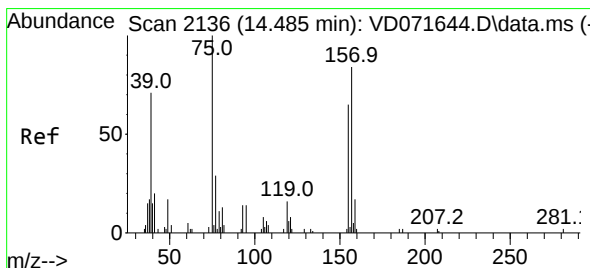
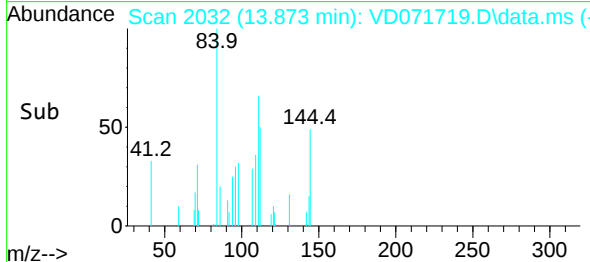
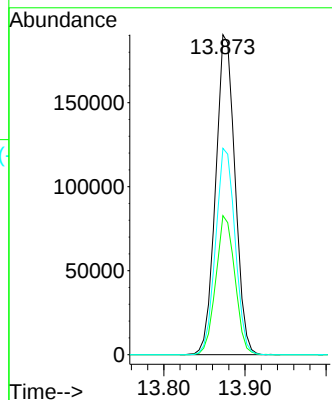
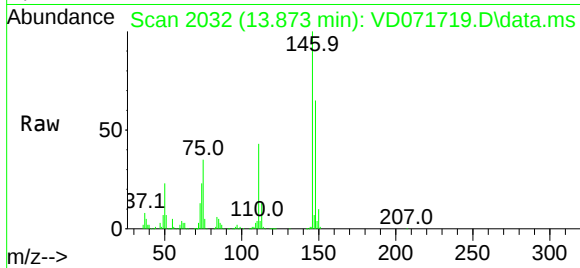




#91
1,2-Dichlorobenzene
Concen: 51.158 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.005 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

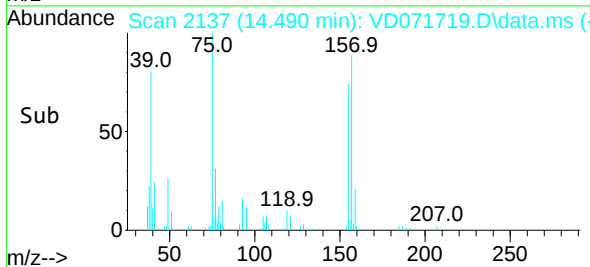
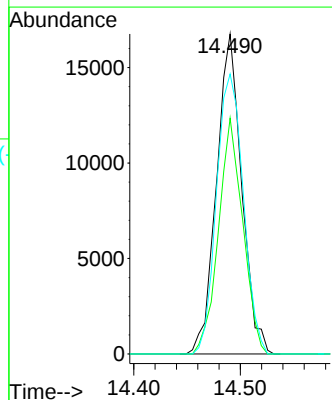
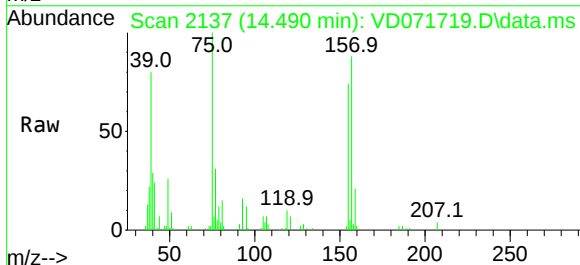
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

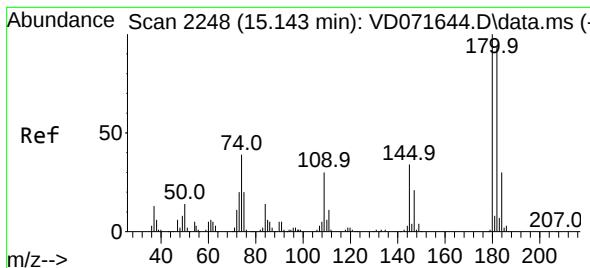
Tgt Ion:146 Resp: 315882
Ion Ratio Lower Upper
146 100
111 42.8 21.8 65.3
148 64.8 31.3 93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.738 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 75 Resp: 27498
Ion Ratio Lower Upper
75 100
155 71.1 35.4 106.1
157 93.1 44.9 134.5





#93

1,2,4-Trichlorobenzene

Concen: 52.998 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

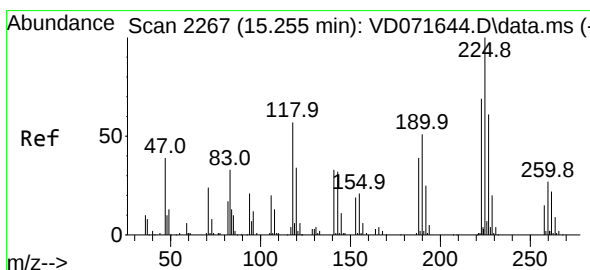
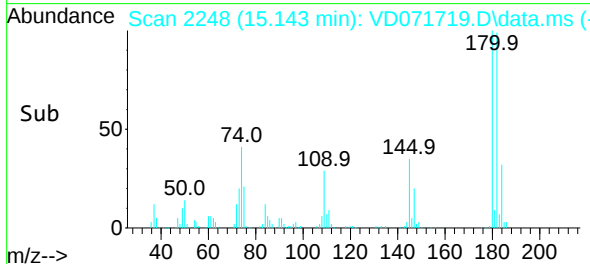
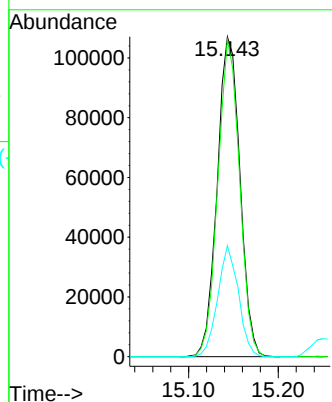
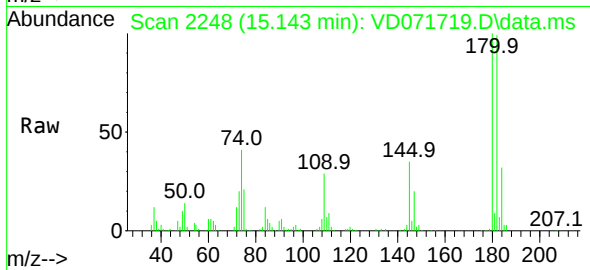
Tgt Ion:180 Resp: 188592

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

145 31.6 16.4 49.4



#94

Hexachlorobutadiene

Concen: 47.823 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD071719.D

Acq: 13 Jan 2022 19:37

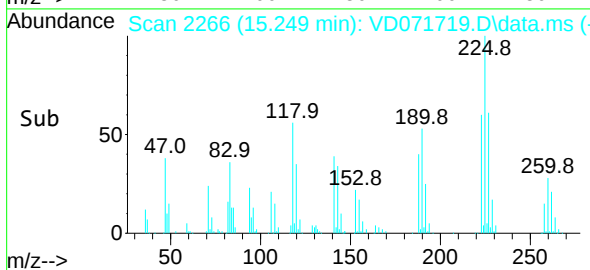
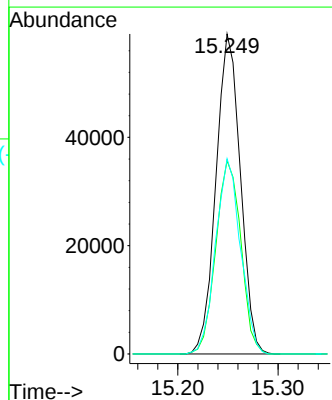
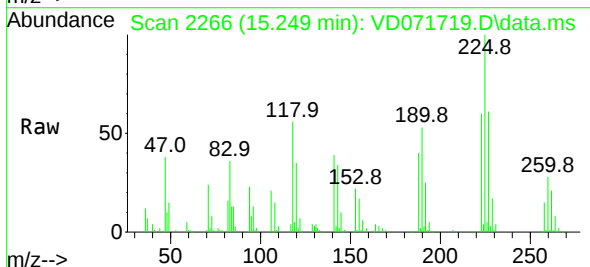
Tgt Ion:225 Resp: 99764

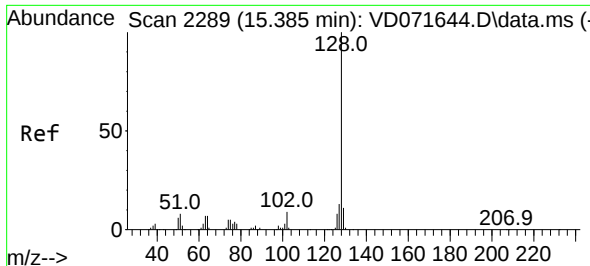
Ion Ratio Lower Upper

225 100

223 62.0 31.3 93.9

227 62.3 31.4 94.3

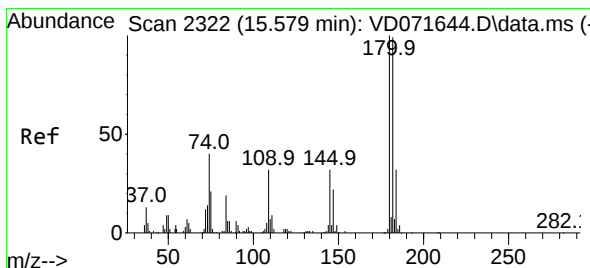
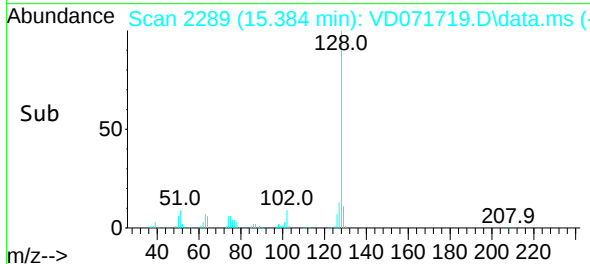
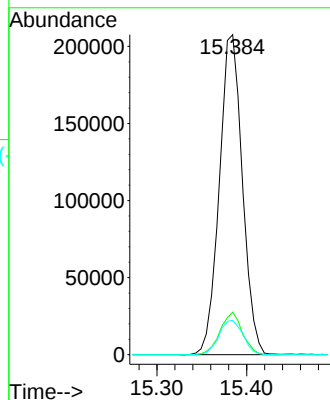
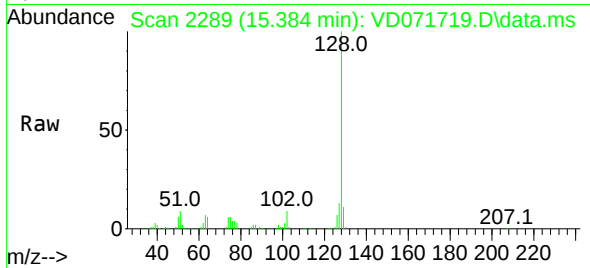




#95
Naphthalene
Concen: 58.837 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 370696
Ion Ratio Lower Upper
128 100
127 12.9 10.9 16.3
129 11.2 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 54.172 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.001 min
Lab File: VD071719.D
Acq: 13 Jan 2022 19:37

Tgt Ion:180 Resp: 164258
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.2
145 34.1 16.4 49.2

