

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072067.D
 Acq On : 23 Feb 2022 09:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 24 06:44:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	490064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	778834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	741520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	360681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	256923	50.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.080%	
35) Dibromofluoromethane	7.909	113	232011	49.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.340%	
50) Toluene-d8	10.332	98	914504	52.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	12.626	95	324913	50.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	204679	44.298	ug/l	98
3) Chloromethane	2.209	50	220690	52.745	ug/l	98
4) Vinyl Chloride	2.350	62	198858	47.673	ug/l	96
5) Bromomethane	2.762	94	122783	46.900	ug/l	96
6) Chloroethane	2.921	64	125585	47.633	ug/l	97
7) Trichlorofluoromethane	3.273	101	391683	48.535	ug/l	93
8) Diethyl Ether	3.709	74	121794	52.941	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	239220	47.445	ug/l	98
10) Methyl Iodide	4.297	142	170329	31.756	ug/l	99
11) Tert butyl alcohol	5.226	59	87708	302.396	ug/l #	89
12) 1,1-Dichloroethene	4.068	96	215996	48.231	ug/l	99
13) Acrolein	3.921	56	127151	222.315	ug/l	95
14) Allyl chloride	4.715	41	375349	47.824	ug/l	97
15) Acrylonitrile	5.420	53	332968	267.791	ug/l	100
16) Acetone	4.150	43	311460	283.502	ug/l	95
17) Carbon Disulfide	4.409	76	597383	47.949	ug/l	97
18) Methyl Acetate	4.715	43	141381	50.657	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	603825	55.424	ug/l	98
20) Methylene Chloride	4.962	84	259885	47.531	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	250933	49.867	ug/l	97
22) Diisopropyl ether	6.362	45	832865	50.818	ug/l	97
23) Vinyl Acetate	6.303	43	2506744	286.416	ug/l	98
24) 1,1-Dichloroethane	6.262	63	474497	48.666	ug/l	98
25) 2-Butanone	7.209	43	429659	282.965	ug/l	97
26) 2,2-Dichloropropane	7.209	77	395634	50.709	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	292477	50.730	ug/l	99
28) Bromochloromethane	7.544	49	196866	47.364	ug/l	100
29) Tetrahydrofuran	7.561	42	275081	283.863	ug/l	99
30) Chloroform	7.703	83	493707	49.319	ug/l	97
31) Cyclohexane	7.979	56	419830	46.758	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	434746	50.465	ug/l	98
36) 1,1-Dichloropropene	8.109	75	364955	51.059	ug/l	99
37) Ethyl Acetate	7.291	43	187031	56.427	ug/l	98
38) Carbon Tetrachloride	8.097	117	376709	51.420	ug/l	97
39) Methylcyclohexane	9.350	83	427761	51.132	ug/l	98
40) Benzene	8.350	78	1027022	50.920	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	95100	46.268	ug/l	90
42) 1,2-Dichloroethane	8.420	62	320504	52.974	ug/l	100
43) Isopropyl Acetate	8.450	43	345438	55.966	ug/l	99
44) Trichloroethene	9.108	130	283931	51.650	ug/l	96
45) 1,2-Dichloropropane	9.379	63	272818	50.709	ug/l	96
46) Dibromomethane	9.473	93	151775	53.456	ug/l	97
47) Bromodichloromethane	9.655	83	385587	52.647	ug/l	98
48) Methyl methacrylate	9.450	41	164775	52.847	ug/l #	85
49) 1,4-Dioxane	9.456	88	40515	1202.881	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	945461	289.031	ug/l	99
52) Toluene	10.397	92	675829	52.360	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	377873	56.413	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	429662	54.197	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	211948	53.046	ug/l	98
56) Ethyl methacrylate	10.655	69	277618	58.183	ug/l	98
57) 1,3-Dichloropropane	10.938	76	375018	54.305	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	617350	289.209	ug/l	99
59) 2-Hexanone	10.979	43	663352	297.307	ug/l	99
60) Dibromochloromethane	11.132	129	267258	53.563	ug/l	97
61) 1,2-Dibromoethane	11.238	107	206704	54.136	ug/l	97
64) Tetrachloroethene	10.873	164	247386	52.844	ug/l	94
65) Chlorobenzene	11.661	112	714999	49.752	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	271677	50.934	ug/l	99
67) Ethyl Benzene	11.738	91	1305083	51.645	ug/l	99
68) m/p-Xylenes	11.844	106	1004829	103.872	ug/l	99
69) o-Xylene	12.173	106	474525	52.145	ug/l	98
70) Styrene	12.185	104	833702	53.385	ug/l	100
71) Bromoform	12.355	173	163206	53.351	ug/l #	98
73) Isopropylbenzene	12.473	105	1269954	51.281	ug/l	99
74) N-amyl acetate	12.279	43	333953	55.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	256963	52.482	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	324387	94.948	ug/l #	100
77) Bromobenzene	12.749	156	293612	50.629	ug/l	97
78) n-propylbenzene	12.814	91	1571012	51.612	ug/l	100
79) 2-Chlorotoluene	12.897	91	894340	50.764	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1084338	52.437	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	83605	61.281	ug/l	96
82) 4-Chlorotoluene	12.996	91	936630	51.082	ug/l	98
83) tert-Butylbenzene	13.214	119	926627	52.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1062975	52.291	ug/l	100
85) sec-Butylbenzene	13.391	105	1407394	52.001	ug/l	100
86) p-Isopropyltoluene	13.502	119	1155439	51.905	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	590563	50.376	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	590460	50.127	ug/l	98
89) n-Butylbenzene	13.832	91	1108666	52.376	ug/l	100
90) Hexachloroethane	14.096	117	215870	48.312	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	525256	51.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	42015	55.083	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	332463	52.649	ug/l	98
94) Hexachlorobutadiene	15.249	225	177569	51.138	ug/l	99
95) Naphthalene	15.385	128	681610	59.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	299828	55.047	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

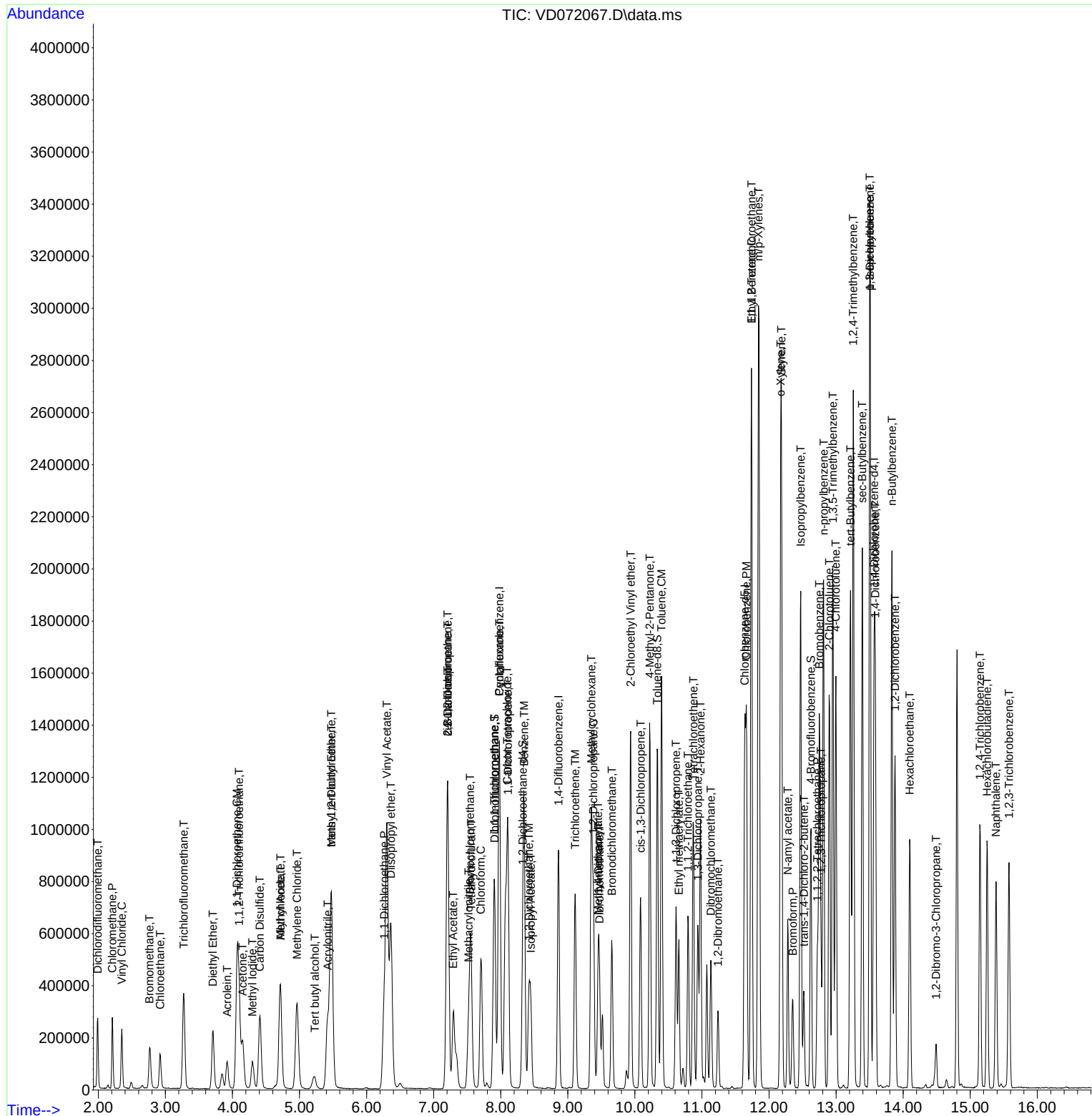
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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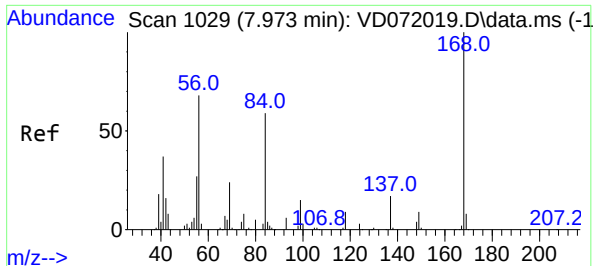
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Instrument :

MSVOA_D

ClientSampleId :

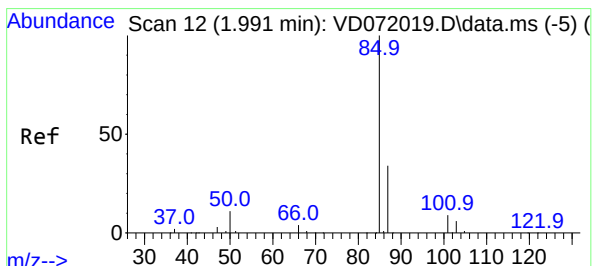
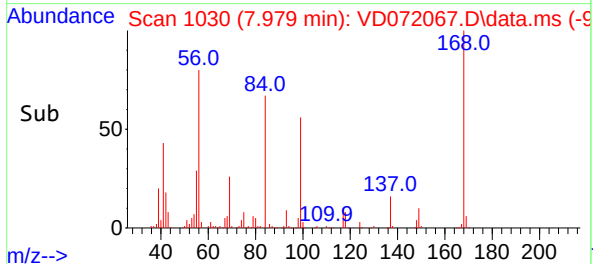
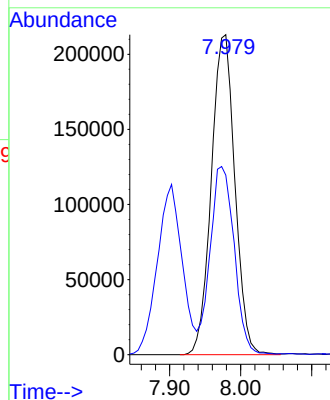
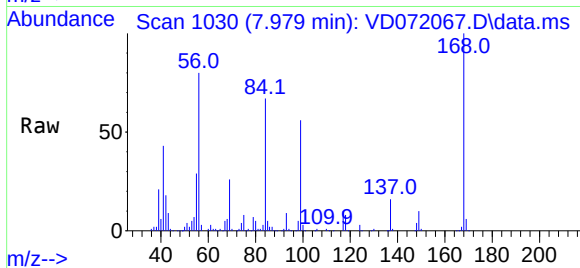
VSTDCCC050

Tgt Ion:168 Resp: 490064

Ion Ratio Lower Upper

168 100

99 55.8 47.1 70.7



Dichlorodifluoromethane

Concen: 44.298 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD072067.D

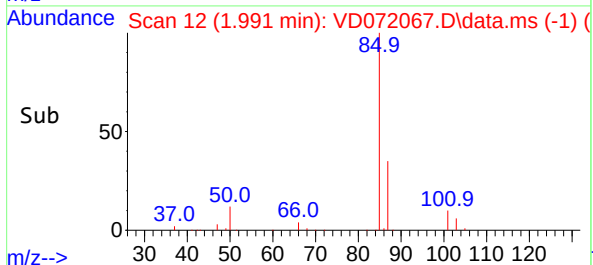
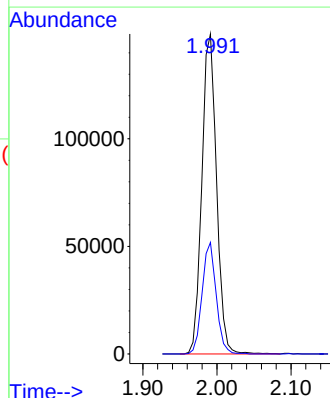
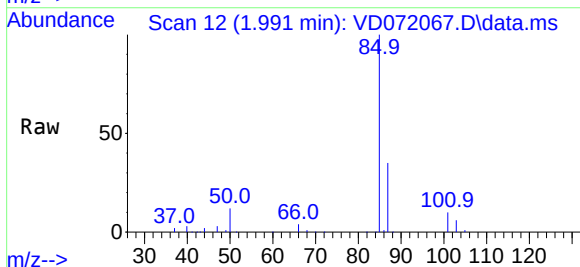
Acq: 23 Feb 2022 09:08

Tgt Ion: 85 Resp: 204679

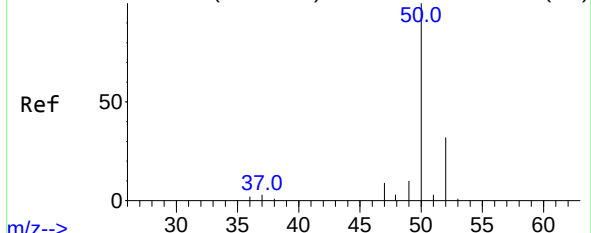
Ion Ratio Lower Upper

85 100

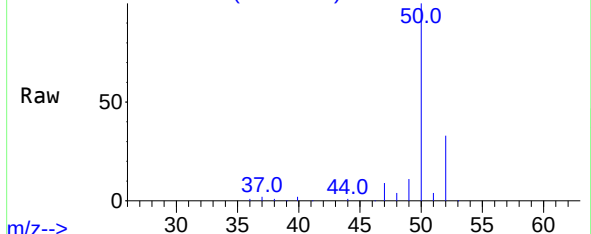
87 34.9 17.0 51.0



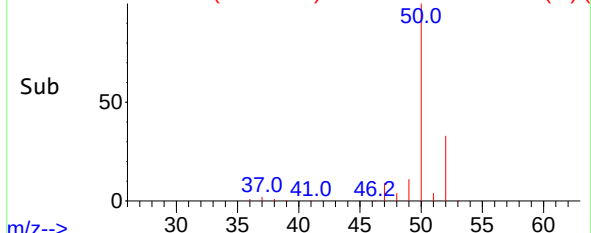
Abundance Scan 49 (2.209 min): VD072019.D\data.ms (-43)



Abundance Scan 49 (2.209 min): VD072067.D\data.ms



Abundance Scan 49 (2.209 min): VD072067.D\data.ms (-1)



#3

Chloromethane

Concen: 52.745 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

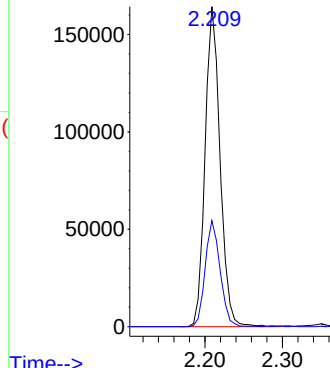
Tgt Ion: 50 Resp: 220690

Ion Ratio Lower Upper

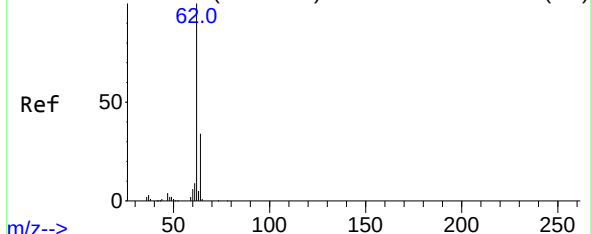
50 100

52 33.1 25.5 38.3

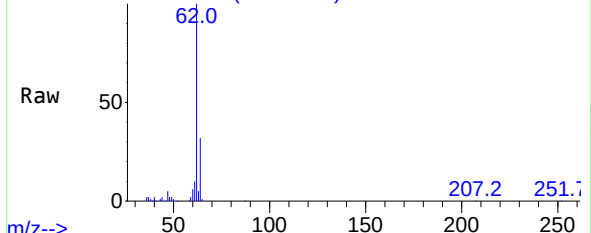
Abundance



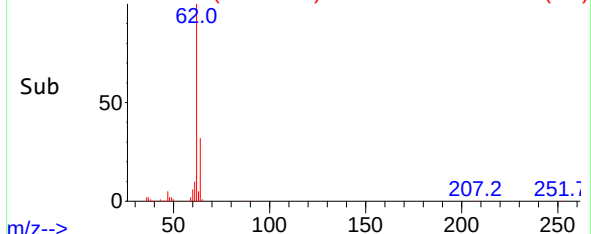
Abundance Scan 73 (2.350 min): VD072019.D\data.ms (-65)



Abundance Scan 73 (2.350 min): VD072067.D\data.ms



Abundance Scan 73 (2.350 min): VD072067.D\data.ms (-22)



#4

Vinyl Chloride

Concen: 47.673 ug/l

RT: 2.350 min Scan# 73

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

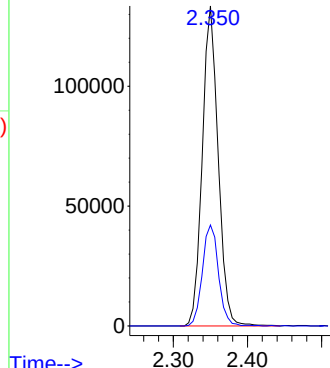
Tgt Ion: 62 Resp: 198858

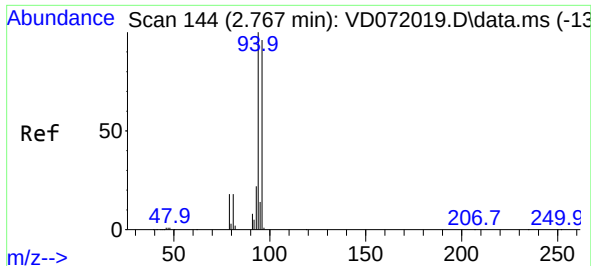
Ion Ratio Lower Upper

62 100

64 31.6 27.0 40.6

Abundance

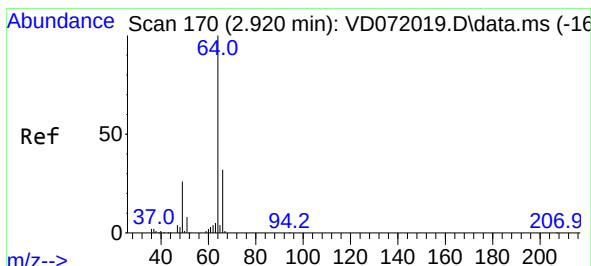
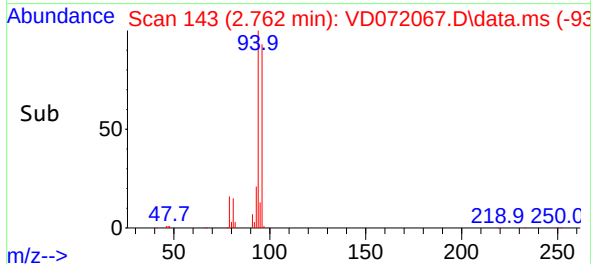
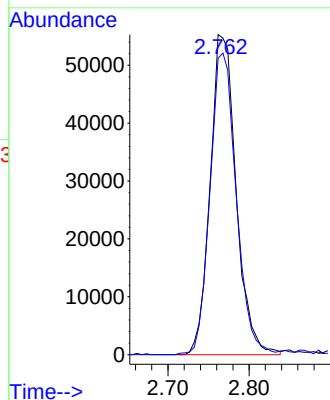
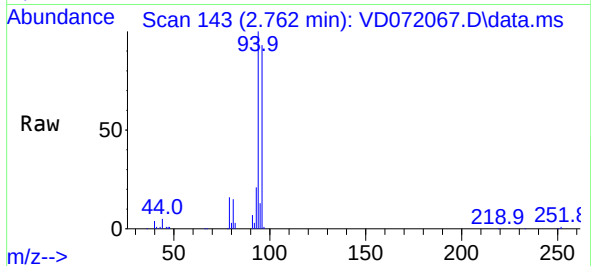




#5
Bromomethane
Concen: 46.900 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

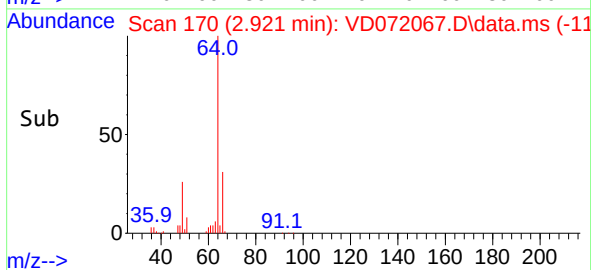
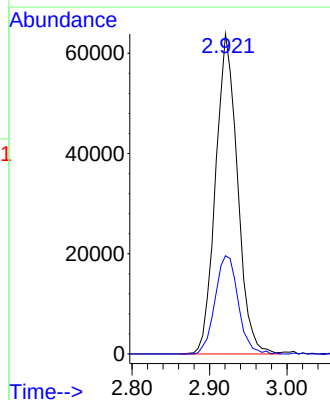
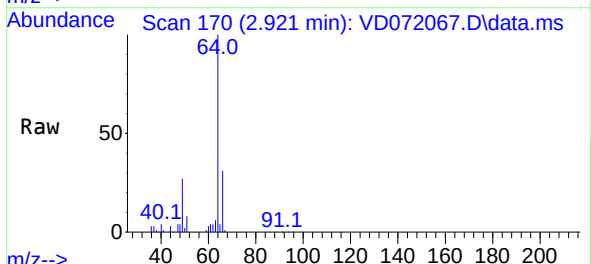
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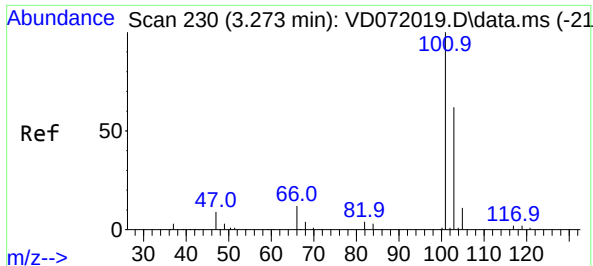
Tgt Ion: 94 Resp: 122783
Ion Ratio Lower Upper
94 100
96 92.2 76.8 115.2



#6
Chloroethane
Concen: 47.633 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 64 Resp: 125585
Ion Ratio Lower Upper
64 100
66 30.7 25.9 38.9

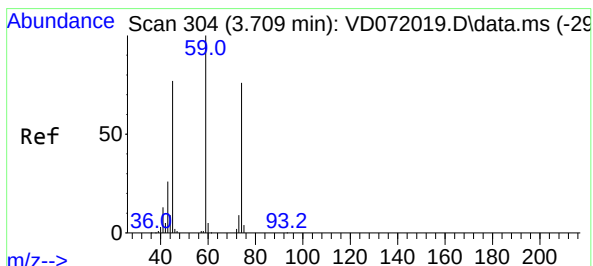
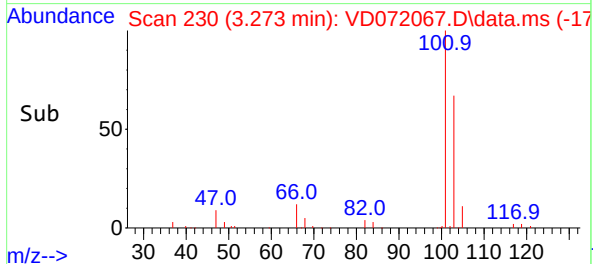
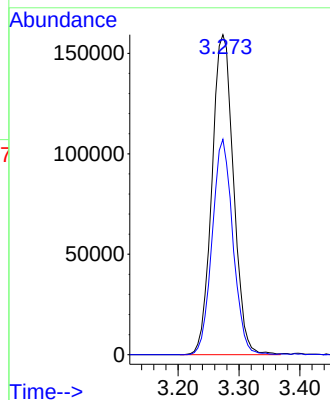
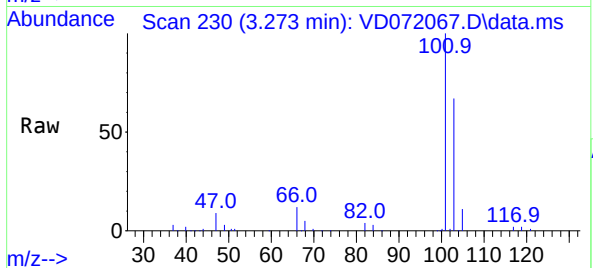




#7
Trichlorofluoromethane
Concen: 48.535 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

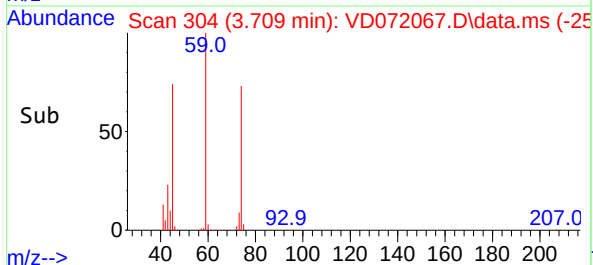
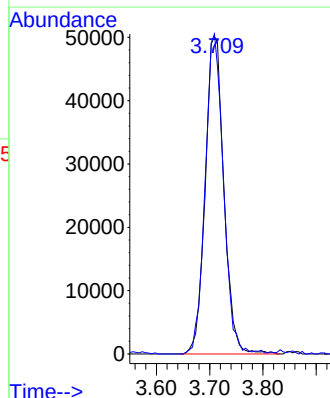
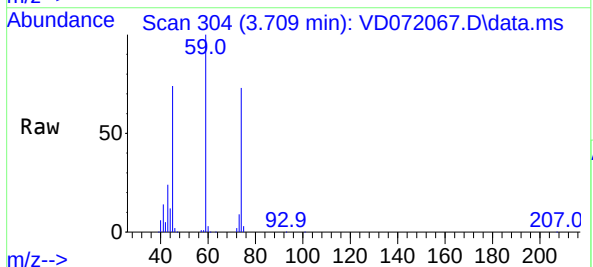
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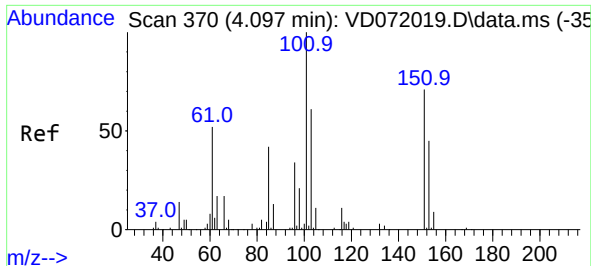
Tgt Ion:101 Resp: 391683
Ion Ratio Lower Upper
101 100
103 67.3 49.4 74.2



#8
Diethyl Ether
Concen: 52.941 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 74 Resp: 121794
Ion Ratio Lower Upper
74 100
45 98.5 50.9 152.8

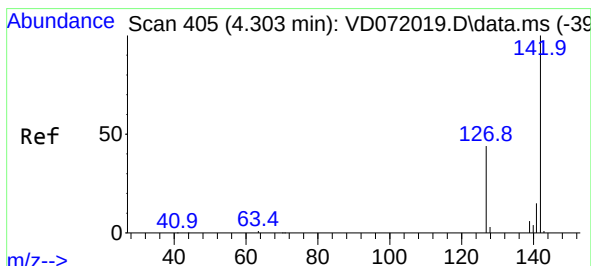
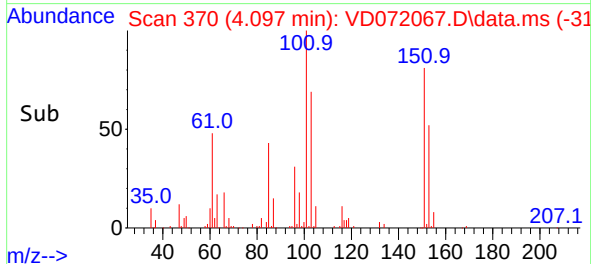
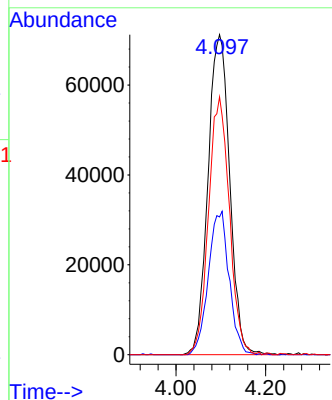
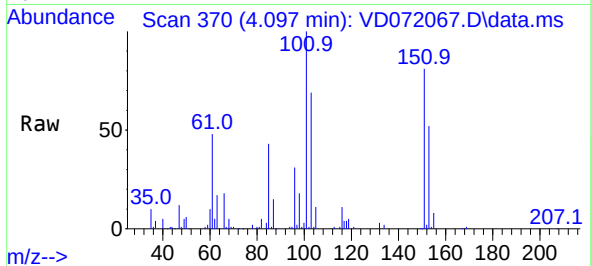




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.445 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

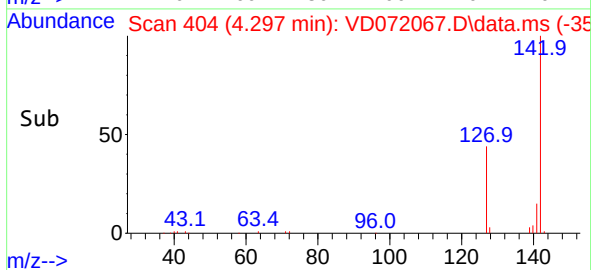
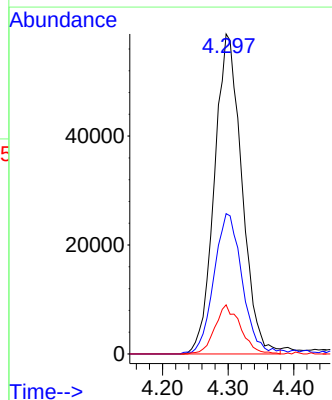
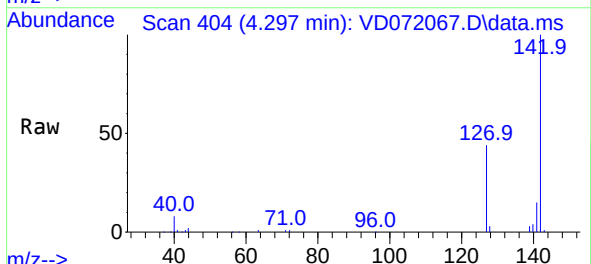
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

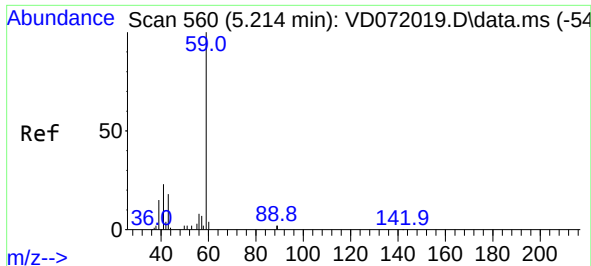
Tgt Ion:101 Resp: 239220
Ion Ratio Lower Upper
101 100
85 43.1 34.1 51.1
151 77.5 59.8 89.6



#10
Methyl Iodide
Concen: 31.756 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion:142 Resp: 170329
Ion Ratio Lower Upper
142 100
127 45.5 35.8 53.8
141 14.3 11.6 17.4

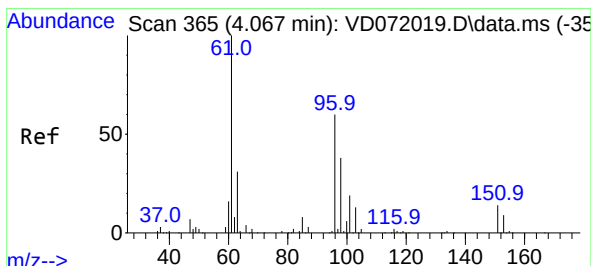
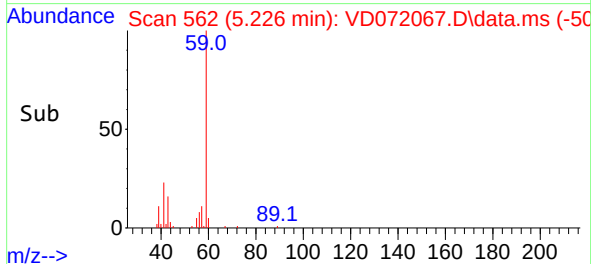
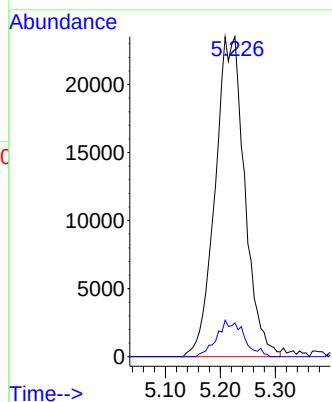
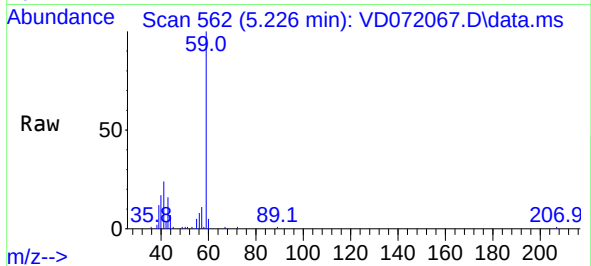




#11
Tert butyl alcohol
Concen: 302.396 ug/l
RT: 5.226 min Scan# 511
Delta R.T. 0.012 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

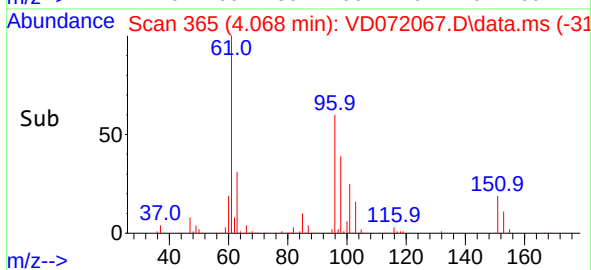
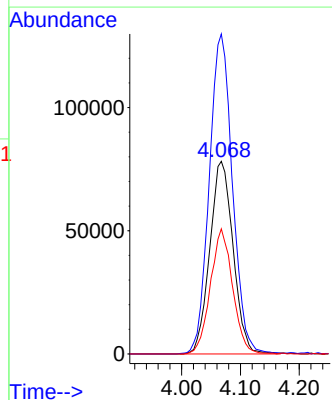
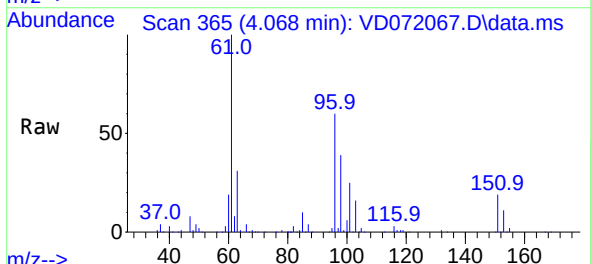
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

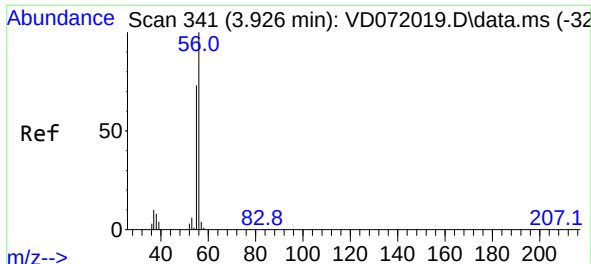
Tgt Ion: 59 Resp: 87708
Ion Ratio Lower Upper
59 100
57 10.5 5.4 8.2#



#12
1,1-Dichloroethene
Concen: 48.231 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 96 Resp: 215996
Ion Ratio Lower Upper
96 100
61 165.9 132.8 199.2
98 64.9 50.1 75.1

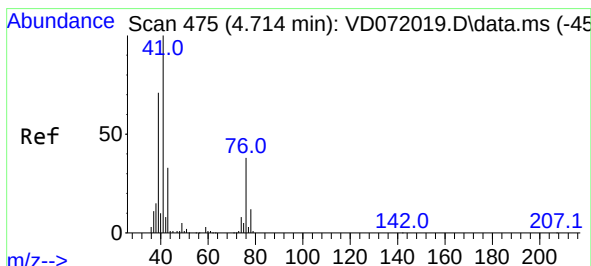
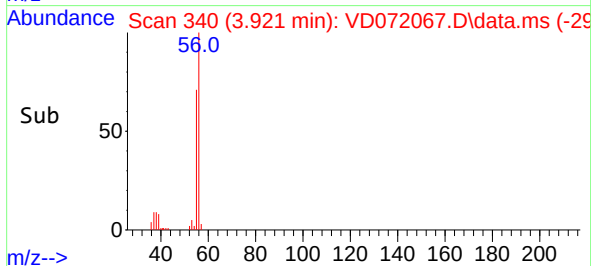
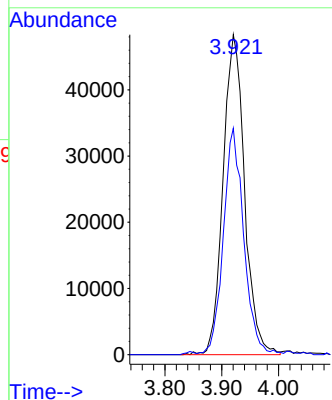
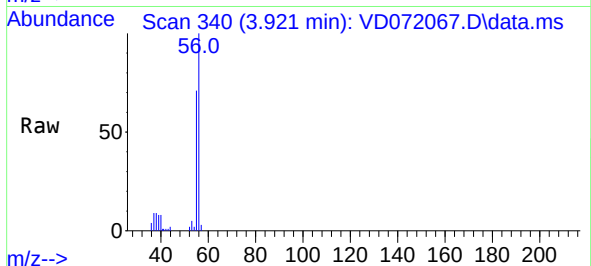




#13
Acrolein
Concen: 222.315 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

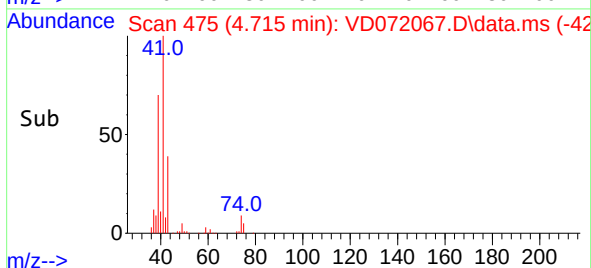
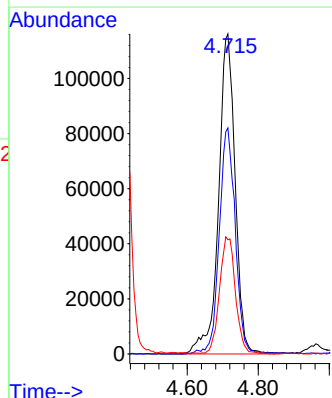
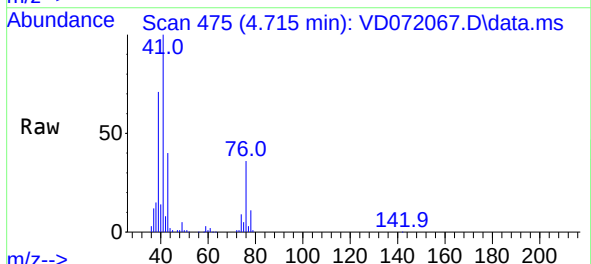
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

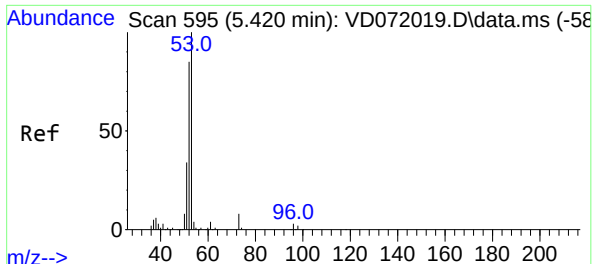
Tgt Ion: 56 Resp: 127151
Ion Ratio Lower Upper
56 100
55 66.0 55.8 83.6



#14
Allyl chloride
Concen: 47.824 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 41 Resp: 375349
Ion Ratio Lower Upper
41 100
39 68.1 52.2 78.2
76 34.4 28.1 42.1





#15

Acrylonitrile

Concen: 267.791 ug/l

RT: 5.420 min Scan# 595

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

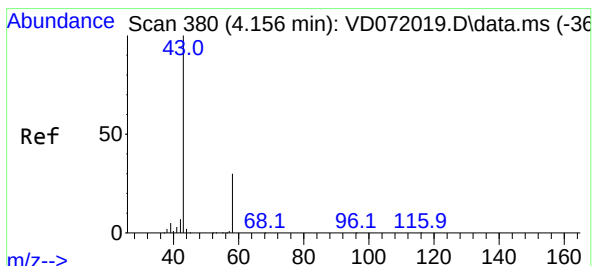
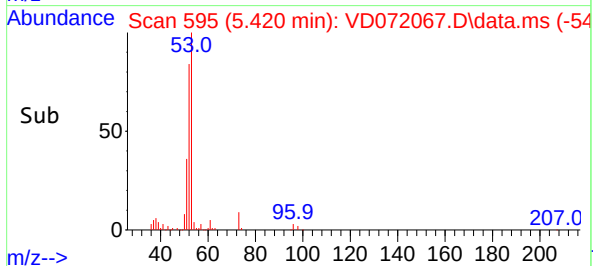
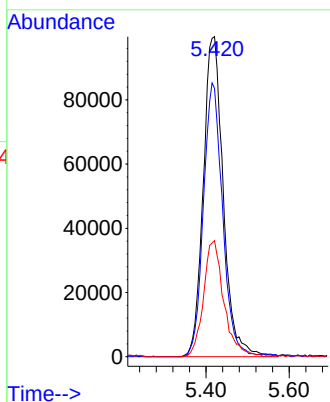
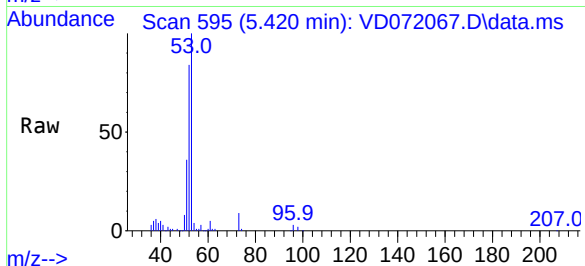
Tgt Ion: 53 Resp: 332968

Ion Ratio Lower Upper

53 100

52 81.9 65.8 98.6

51 37.0 29.4 44.0



#16

Acetone

Concen: 283.502 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.006 min

Lab File: VD072067.D

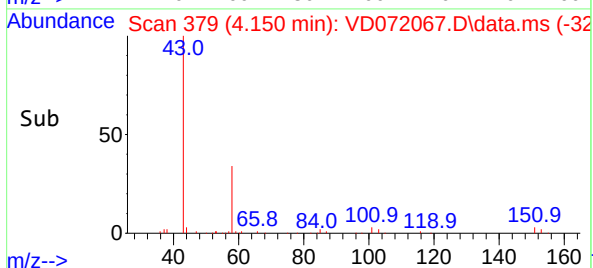
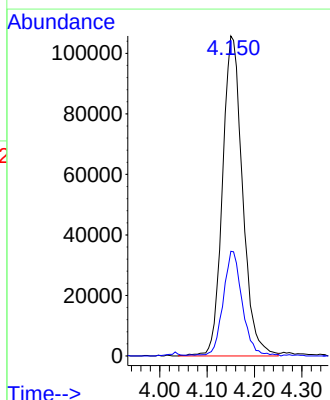
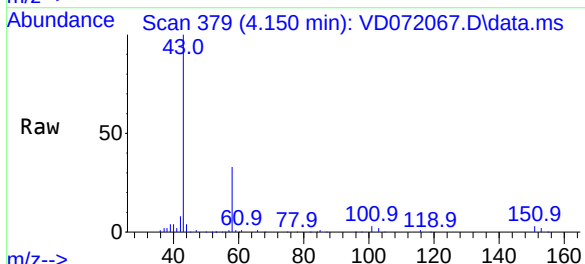
Acq: 23 Feb 2022 09:08

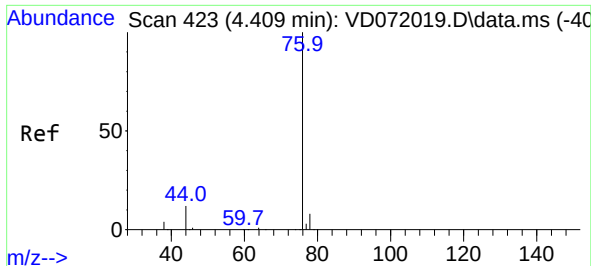
Tgt Ion: 43 Resp: 311460

Ion Ratio Lower Upper

43 100

58 32.3 23.8 35.6

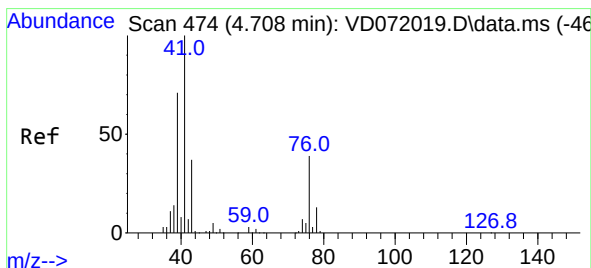
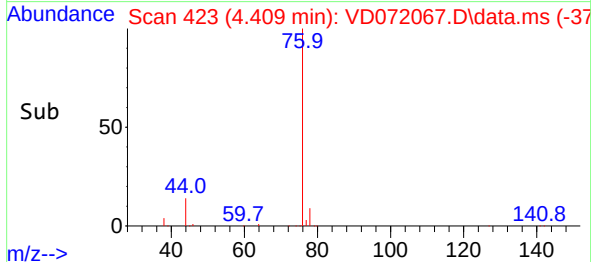
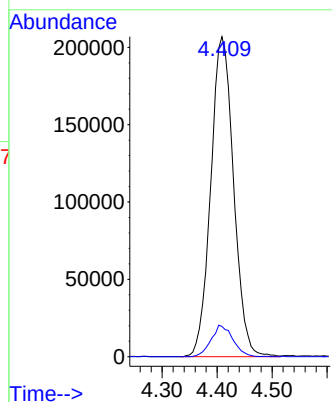
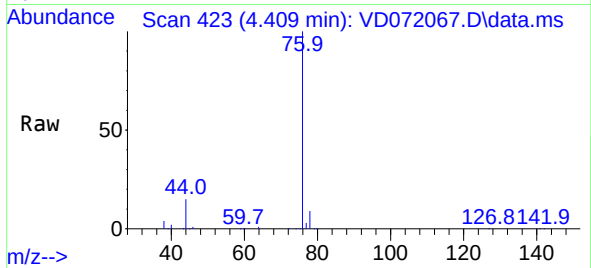




#17
Carbon Disulfide
Concen: 47.949 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

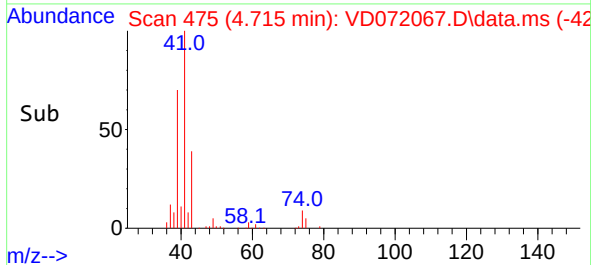
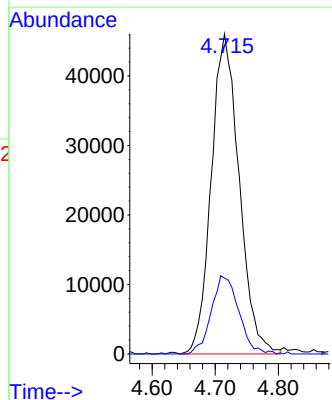
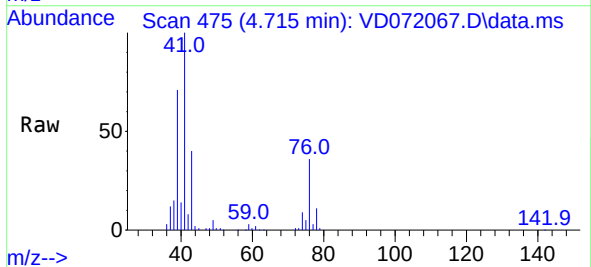
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

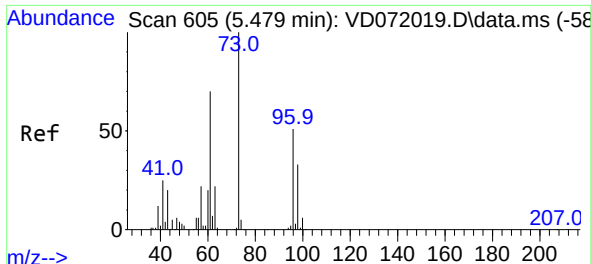
Tgt Ion: 76 Resp: 597383
Ion Ratio Lower Upper
76 100
78 9.5 6.7 10.1



#18
Methyl Acetate
Concen: 50.657 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.007 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 43 Resp: 141381
Ion Ratio Lower Upper
43 100
74 24.1 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 55.424 ug/l

RT: 5.473 min Scan# 605

Delta R.T. -0.006 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Instrument :

MSVOA_D

ClientSampleId :

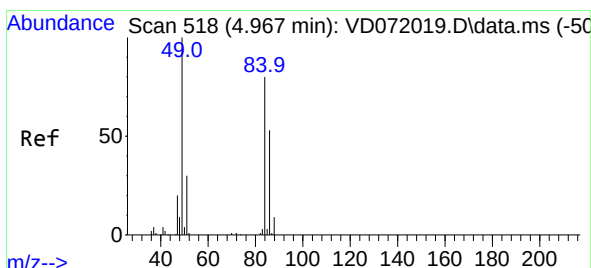
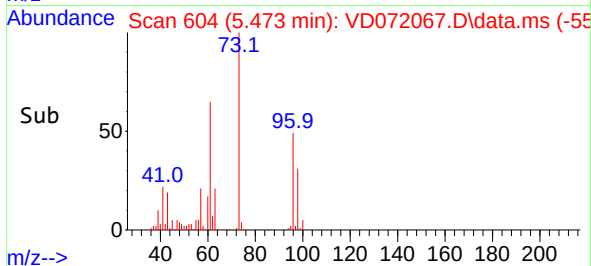
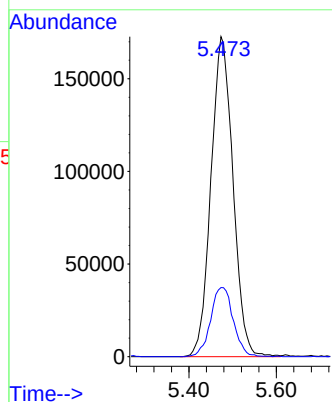
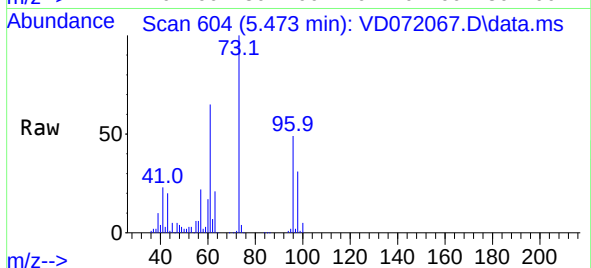
VSTDCCC050

Tgt Ion: 73 Resp: 603825

Ion Ratio Lower Upper

73 100

57 21.6 18.0 27.0



#20

Methylene Chloride

Concen: 47.531 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.006 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Tgt Ion: 84 Resp: 259885

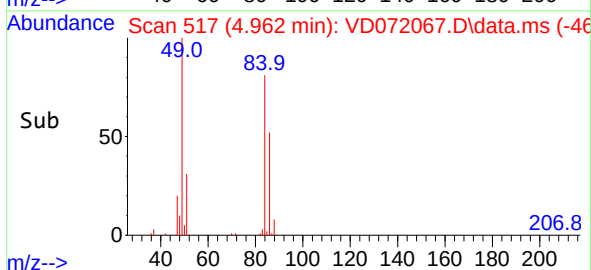
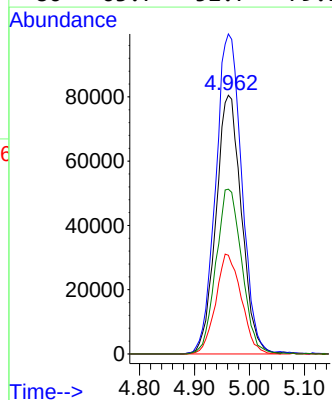
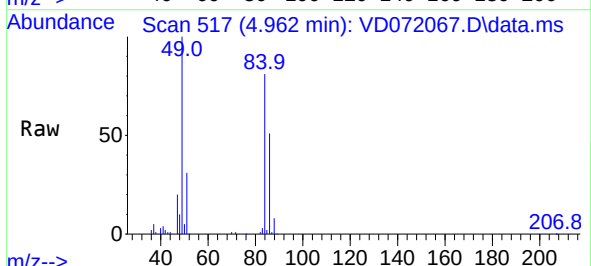
Ion Ratio Lower Upper

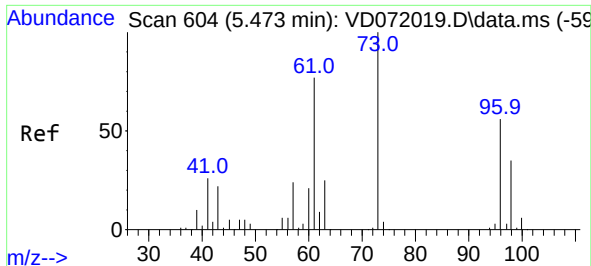
84 100

49 123.7 100.0 150.0

51 38.2 30.2 45.4

86 63.7 52.7 79.1

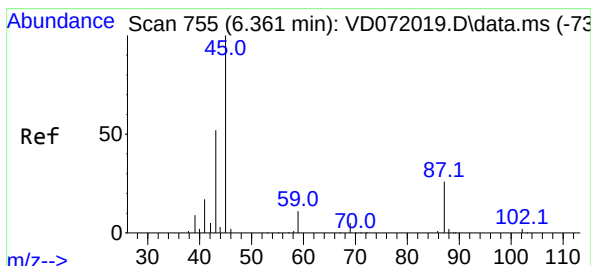
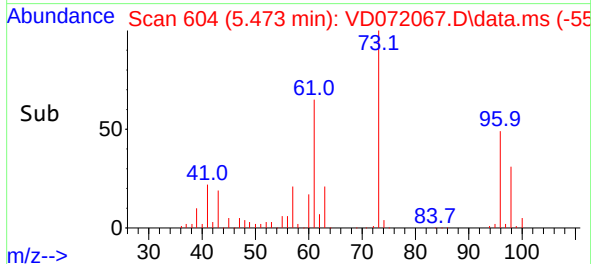
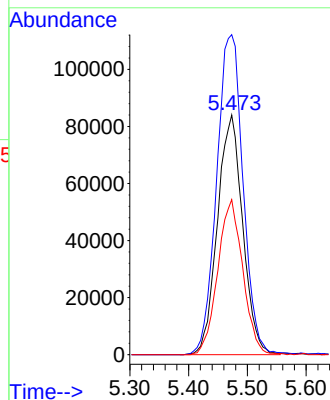
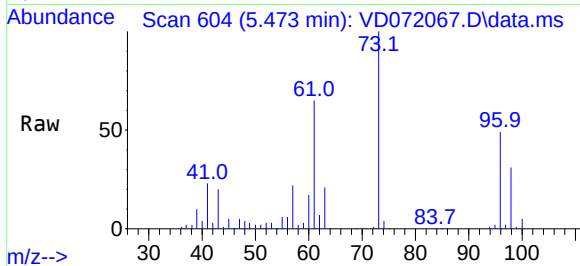




#21
trans-1,2-Dichloroethene
Concen: 49.867 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

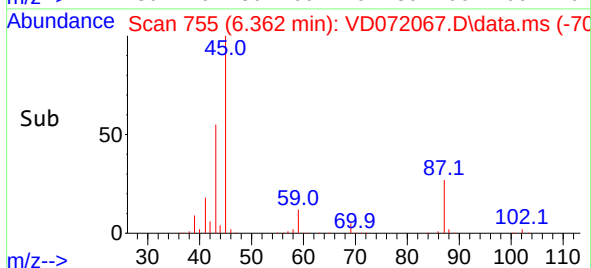
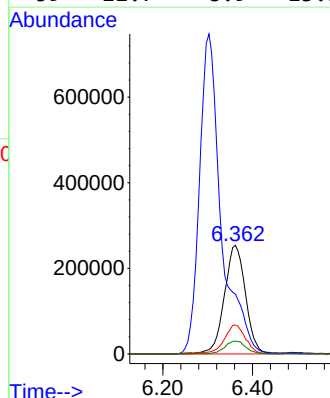
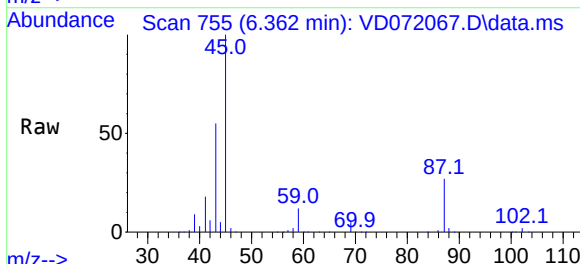
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

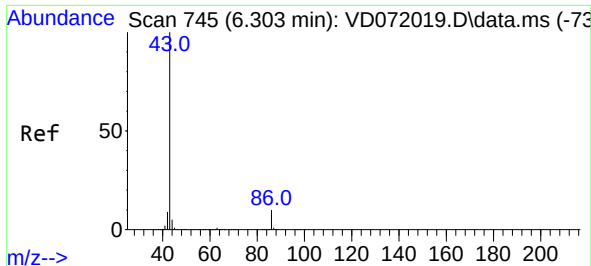
Tgt Ion: 96 Resp: 250933
Ion Ratio Lower Upper
96 100
61 133.5 109.4 164.0
98 64.7 49.6 74.4



#22
Diisopropyl ether
Concen: 50.818 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 45 Resp: 832865
Ion Ratio Lower Upper
45 100
43 54.4 41.3 61.9
87 26.6 20.4 30.6
59 11.7 8.9 13.3

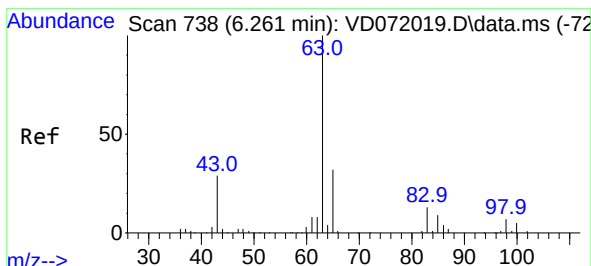
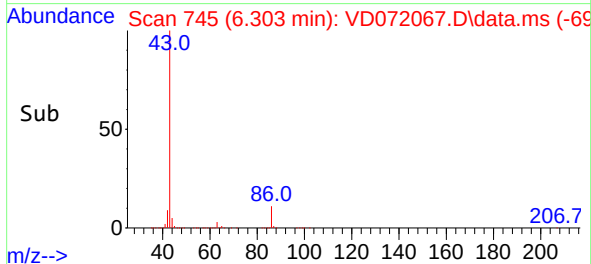
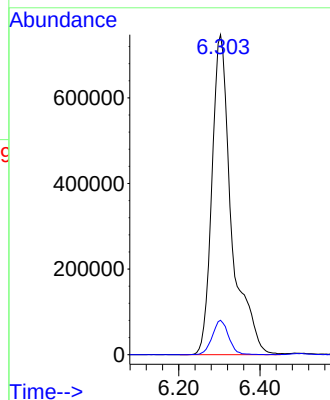
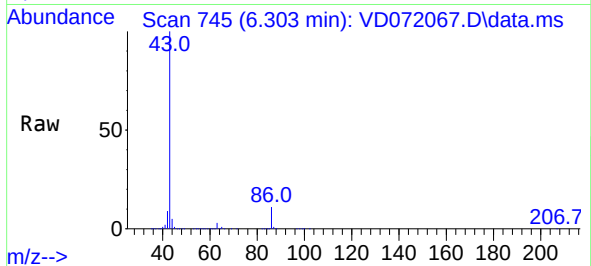




#23
 Vinyl Acetate
 Concen: 286.416 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072067.D
 Acq: 23 Feb 2022 09:08

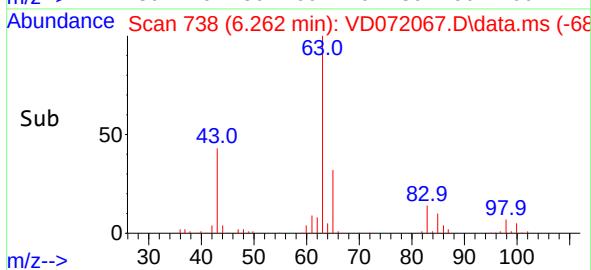
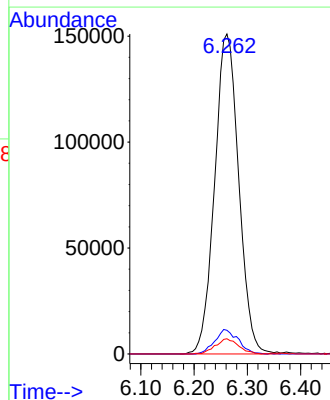
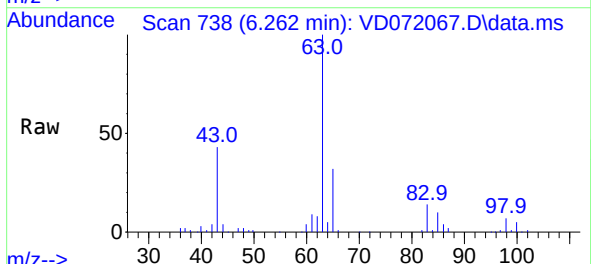
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

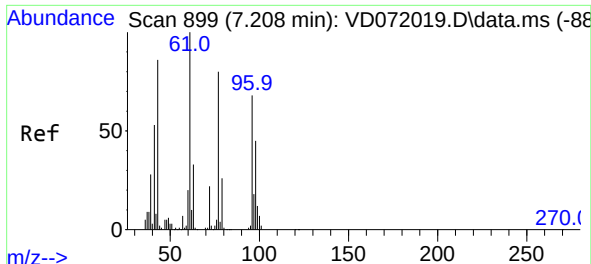
Tgt Ion: 43 Resp: 2506744
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 48.666 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072067.D
 Acq: 23 Feb 2022 09:08

Tgt Ion: 63 Resp: 474497
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 4.8 2.4 7.1

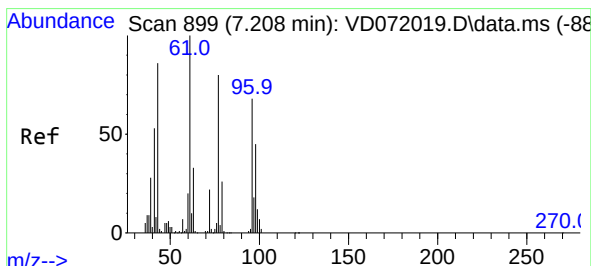
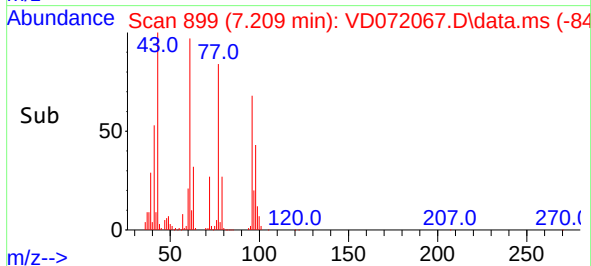
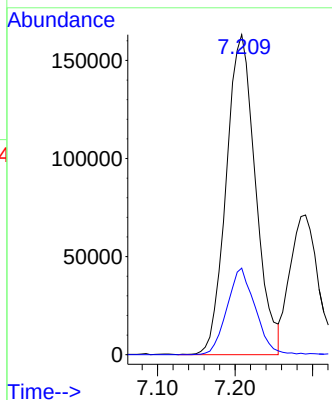
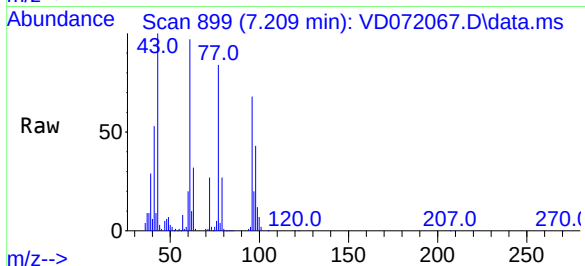




#25
2-Butanone
Concen: 282.965 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

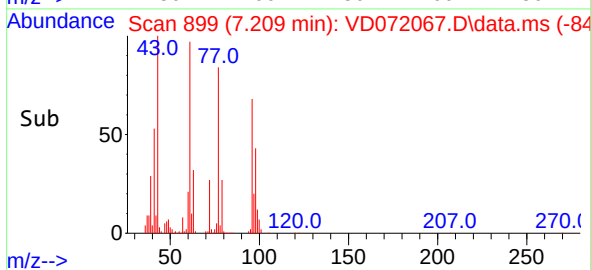
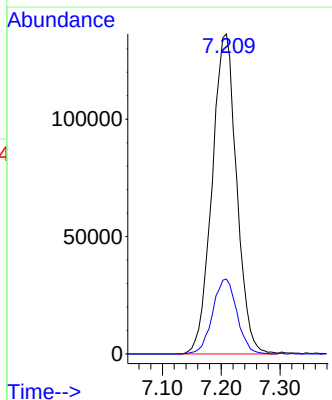
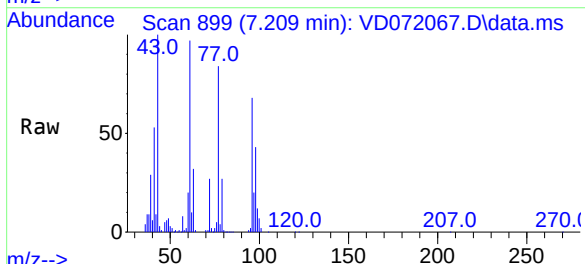
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

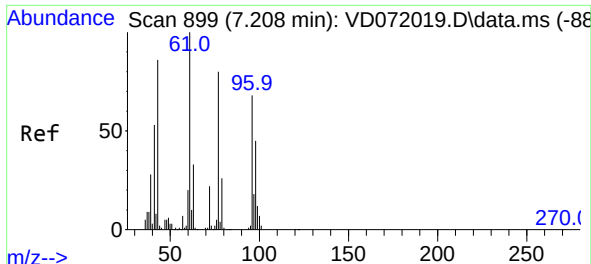
Tgt Ion: 43 Resp: 429659
Ion Ratio Lower Upper
43 100
72 27.0 20.3 30.5



#26
2,2-Dichloropropane
Concen: 50.709 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 77 Resp: 395634
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1

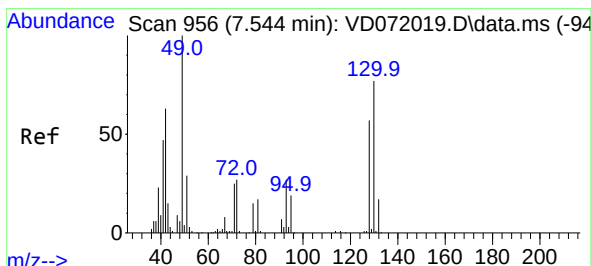
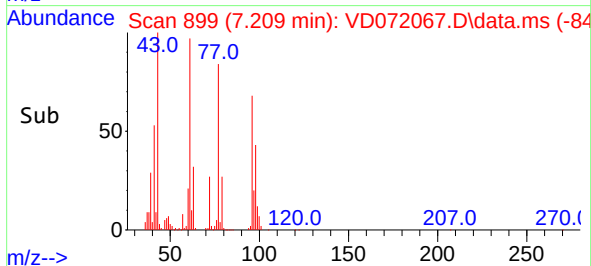
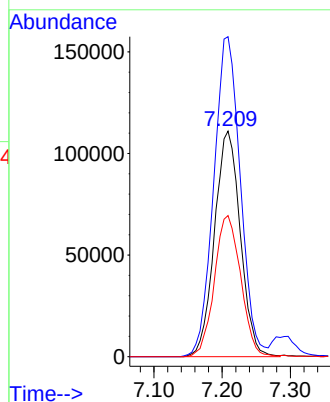
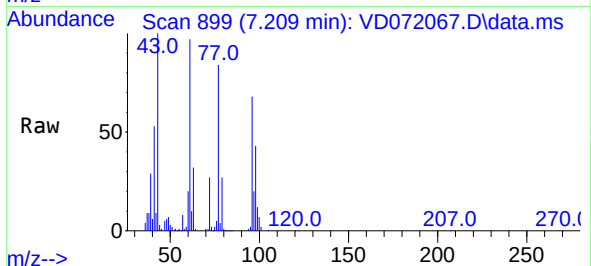




#27
cis-1,2-Dichloroethene
Concen: 50.730 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

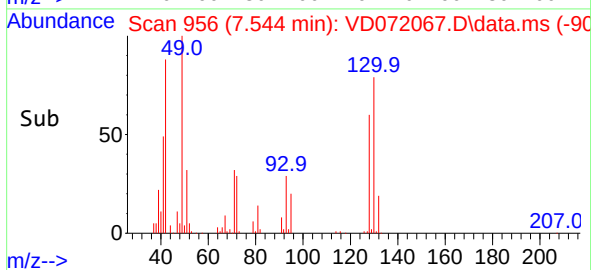
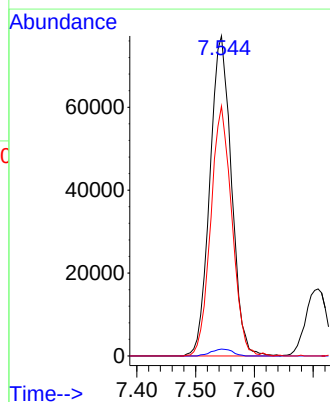
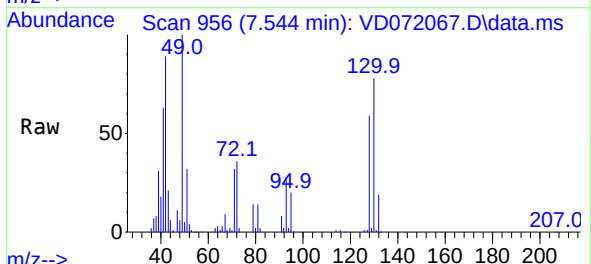
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

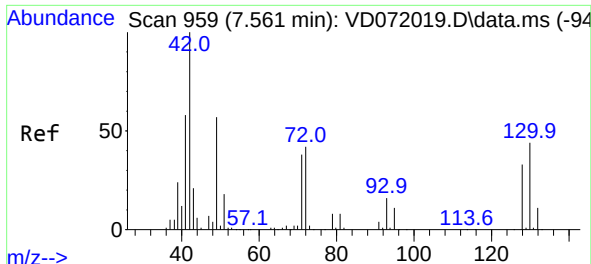
Tgt Ion: 96 Resp: 292477
Ion Ratio Lower Upper
96 100
61 146.3 0.0 295.6
98 63.7 0.0 129.8



#28
Bromochloromethane
Concen: 47.364 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 49 Resp: 196866
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 76.2 61.1 91.7

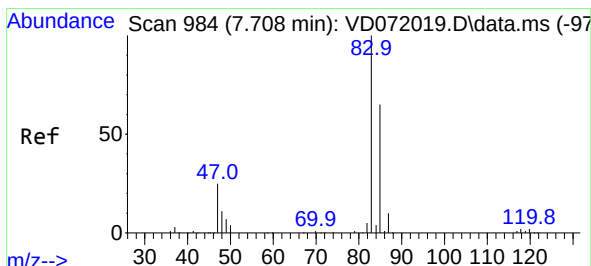
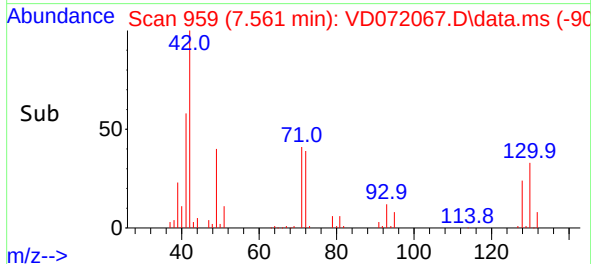
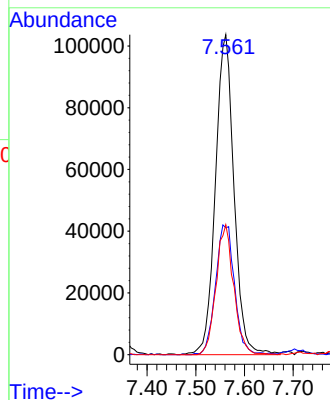
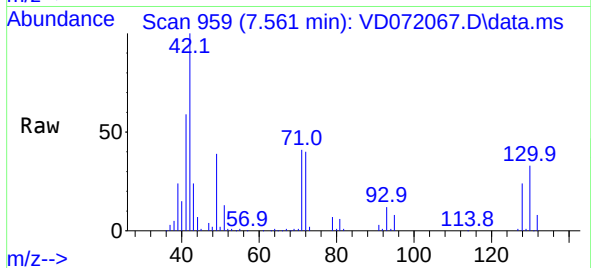




#29
Tetrahydrofuran
Concen: 283.863 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

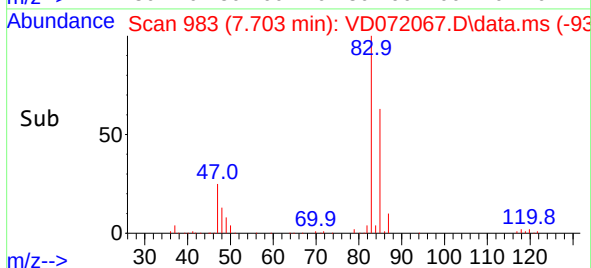
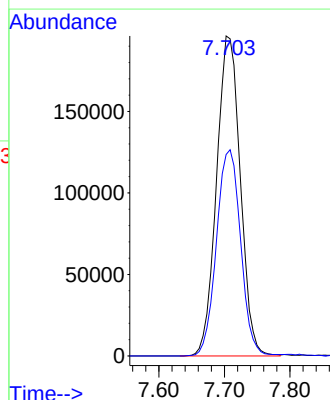
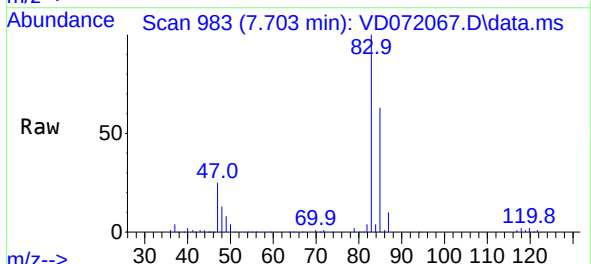
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

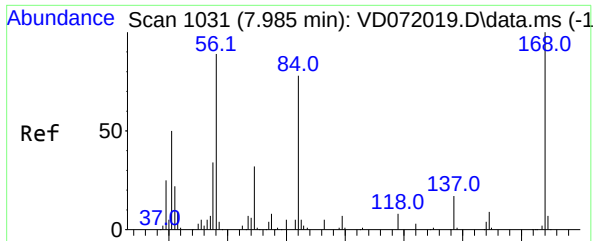
Tgt Ion: 42 Resp: 275081
Ion Ratio Lower Upper
42 100
72 41.4 33.6 50.4
71 38.6 31.0 46.4



#30
Chloroform
Concen: 49.319 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

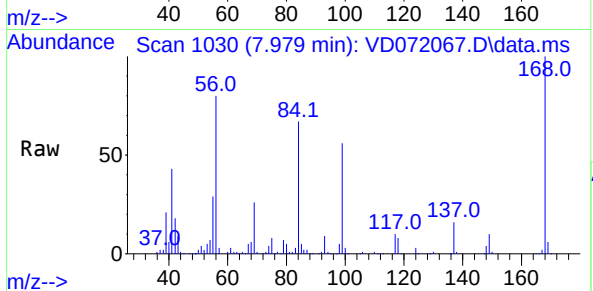
Tgt Ion: 83 Resp: 493707
Ion Ratio Lower Upper
83 100
85 63.0 52.2 78.2



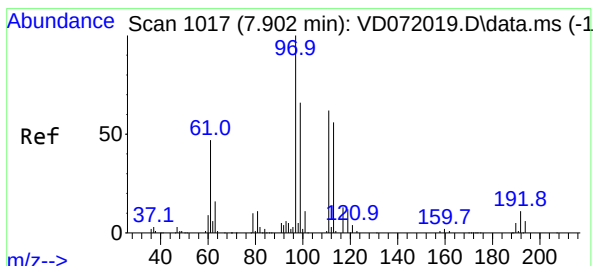
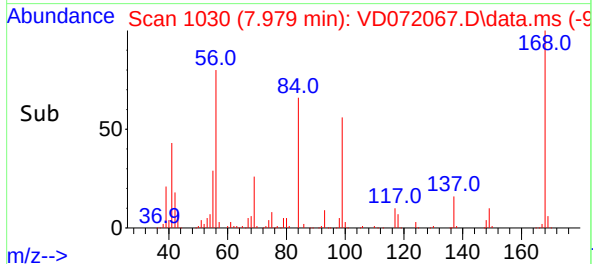
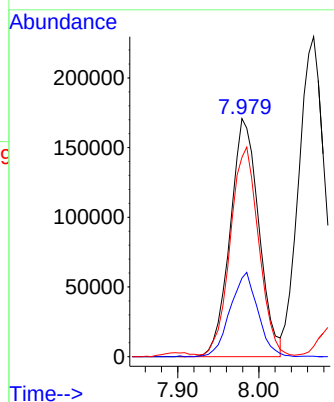


#31
Cyclohexane
Concen: 46.758 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

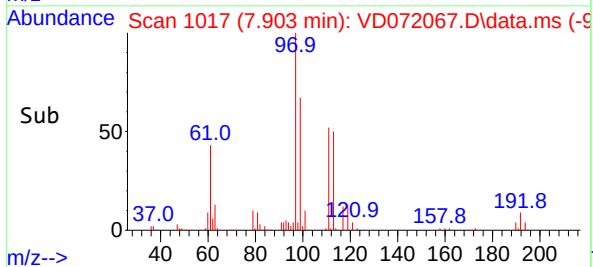
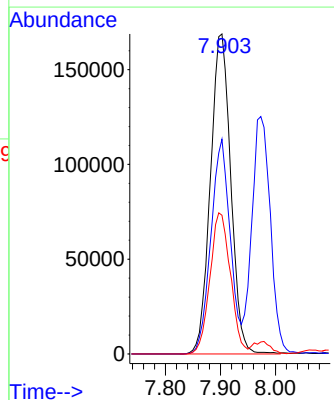
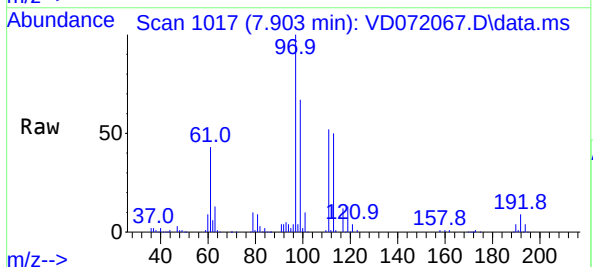


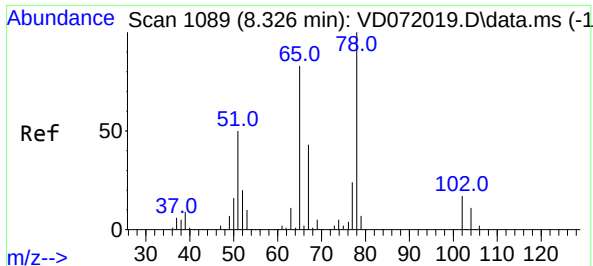
Tgt Ion: 56 Resp: 419830
Ion Ratio Lower Upper
56 100
69 32.6 28.9 43.3
84 82.0 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 50.465 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 97 Resp: 434746
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 44.3 37.2 55.8

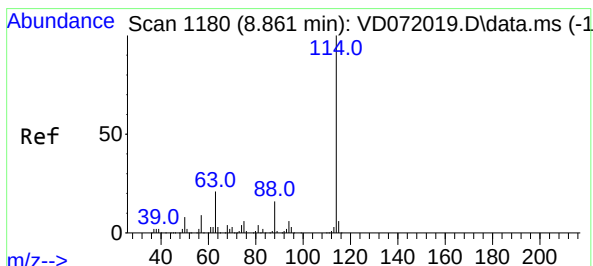
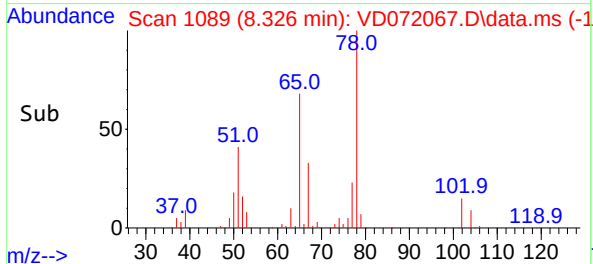
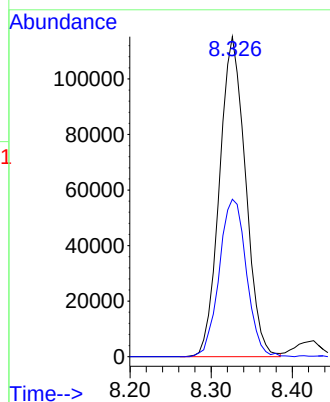
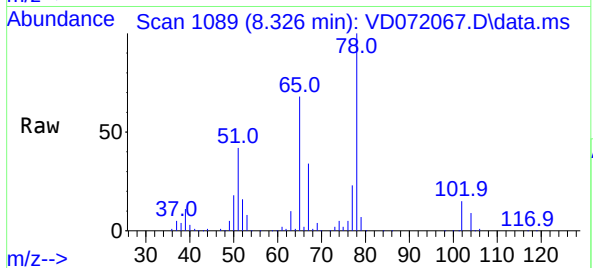




#33
1,2-Dichloroethane-d4
Concen: 50.541 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

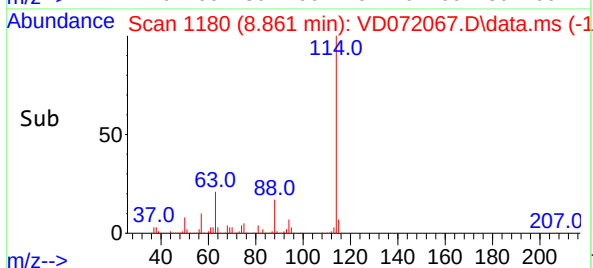
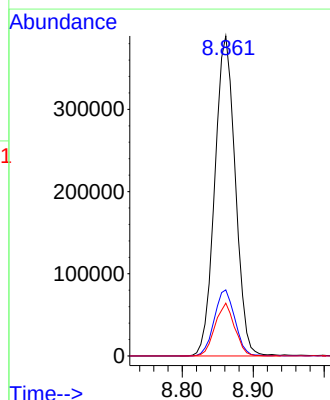
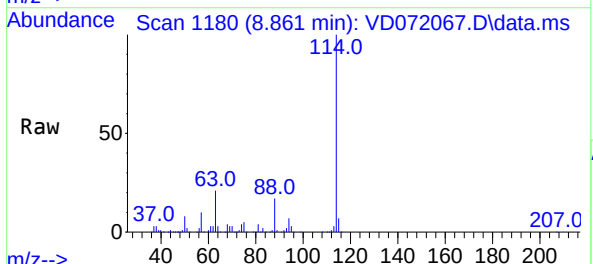
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

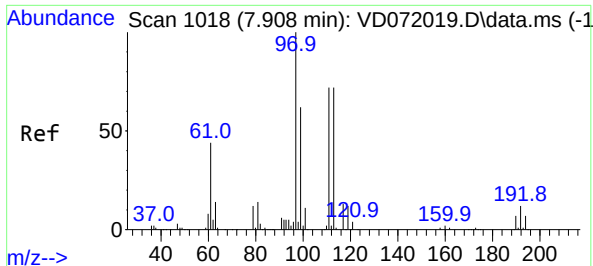
Tgt Ion: 65 Resp: 256923
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 114 Resp: 778834
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.2
88 16.5 0.0 31.2

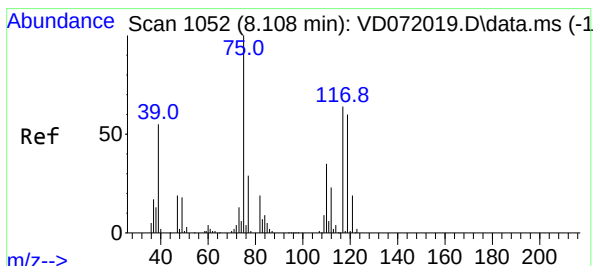
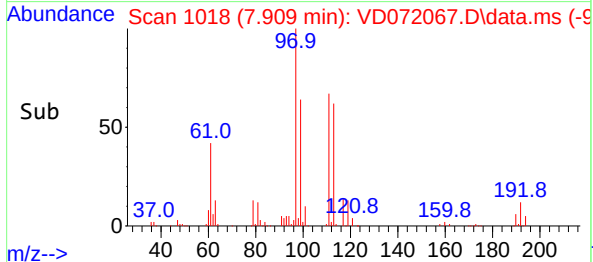
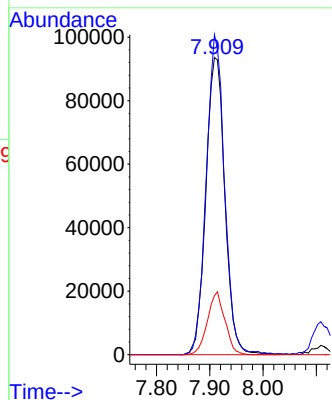
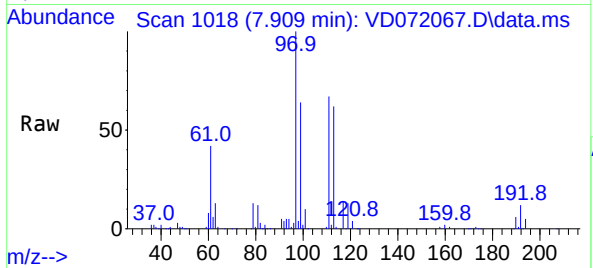




#35
Dibromofluoromethane
Concen: 49.168 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

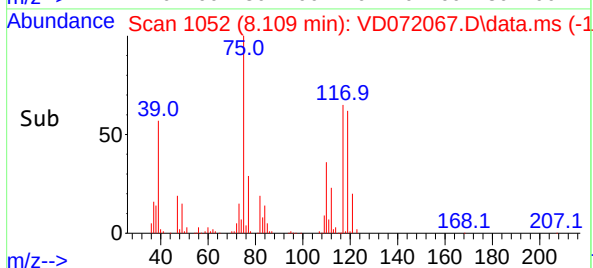
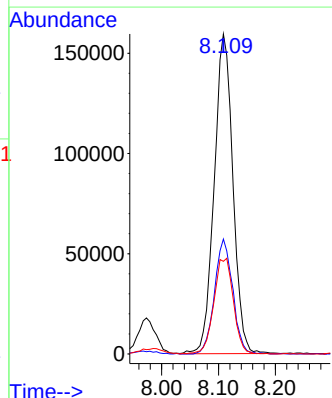
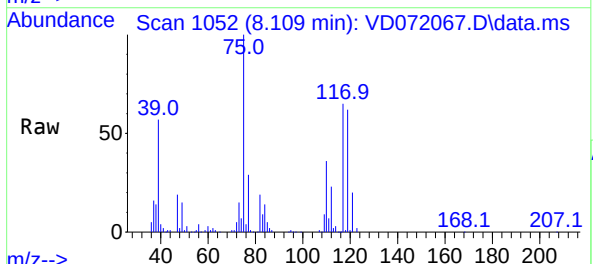
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

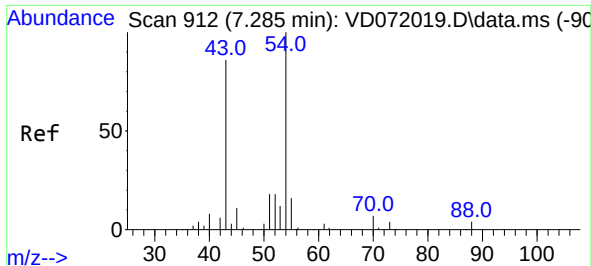
Tgt Ion:113 Resp: 232011
Ion Ratio Lower Upper
113 100
111 104.3 83.0 124.4
192 19.5 15.3 22.9



#36
1,1-Dichloropropene
Concen: 51.059 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 75 Resp: 364955
Ion Ratio Lower Upper
75 100
110 34.9 17.7 53.1
77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 56.427 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

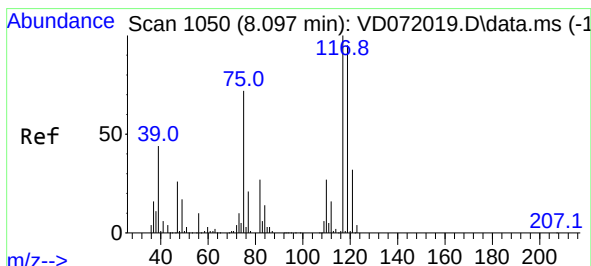
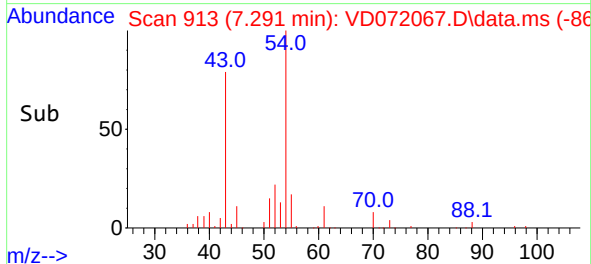
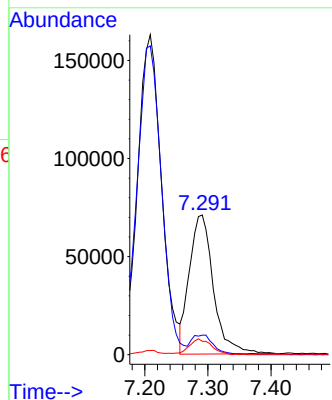
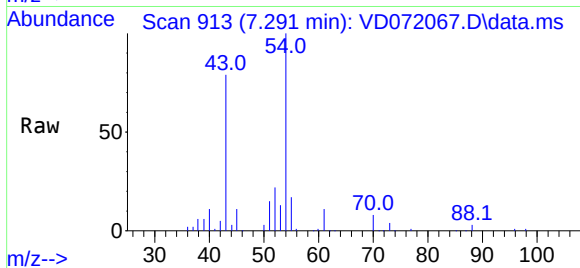
Tgt Ion: 43 Resp: 187031

Ion Ratio Lower Upper

43 100

61 12.4 9.8 14.8

70 10.6 7.4 11.2



#38

Carbon Tetrachloride

Concen: 51.420 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

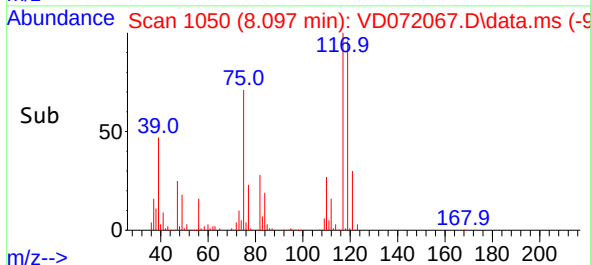
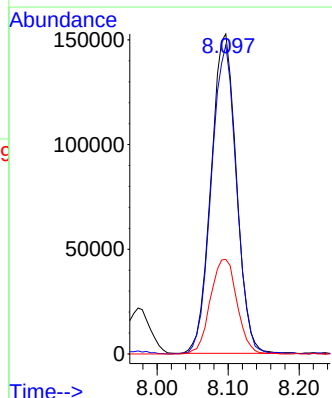
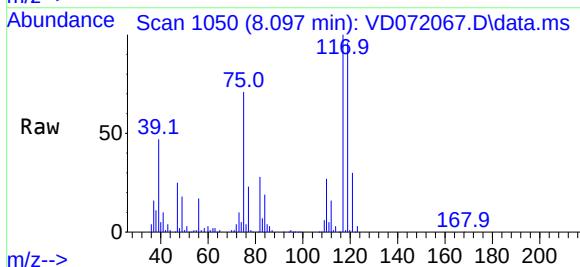
Tgt Ion: 117 Resp: 376709

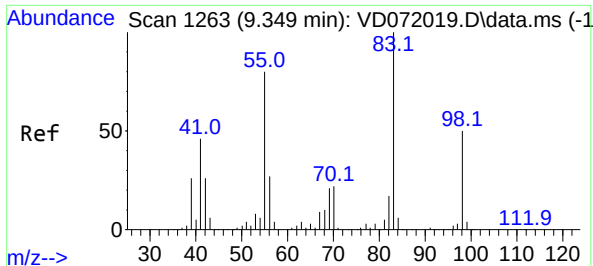
Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.8

121 29.6 25.8 38.6





#39

Methylcyclohexane

Concen: 51.132 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

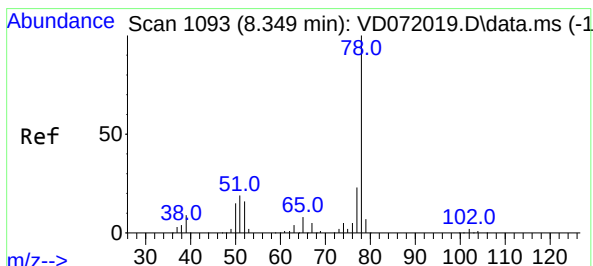
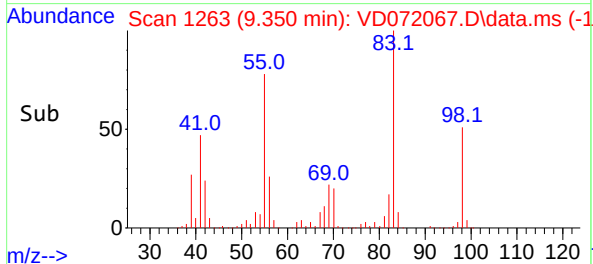
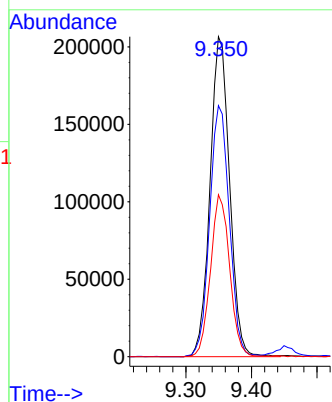
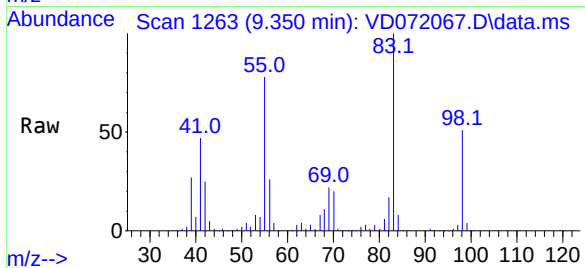
Tgt Ion: 83 Resp: 427761

Ion Ratio Lower Upper

83 100

55 78.5 64.0 96.0

98 50.6 39.8 59.8



#40

Benzene

Concen: 50.920 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072067.D

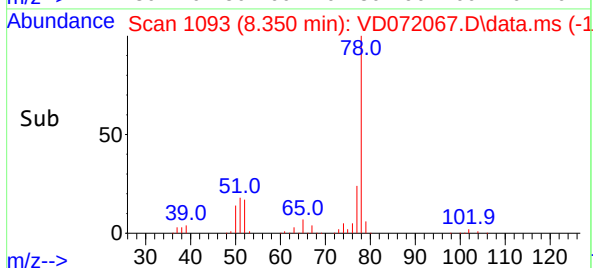
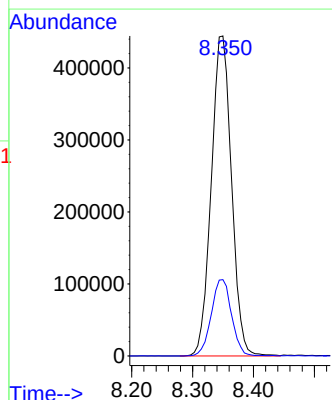
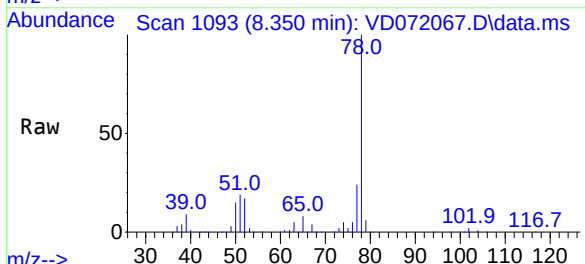
Acq: 23 Feb 2022 09:08

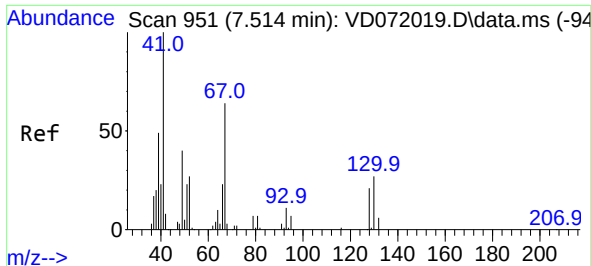
Tgt Ion: 78 Resp: 1027022

Ion Ratio Lower Upper

78 100

77 23.9 18.2 27.4



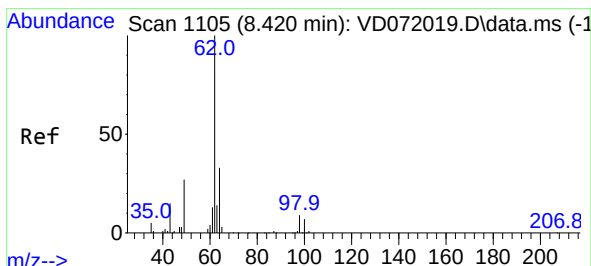
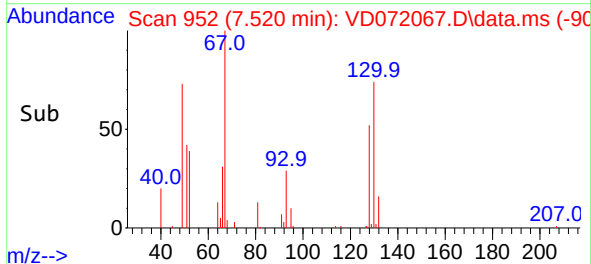
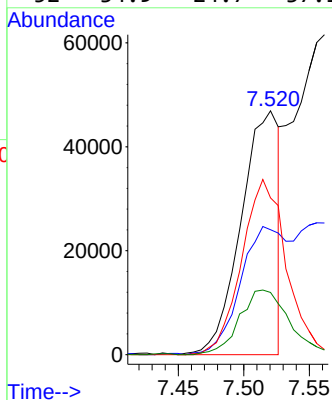
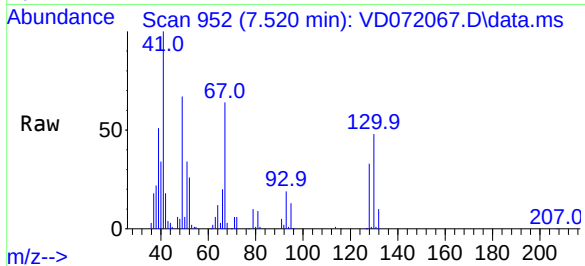


#41
Methacrylonitrile
Concen: 46.268 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 95100

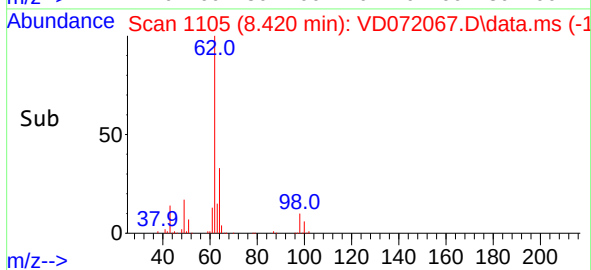
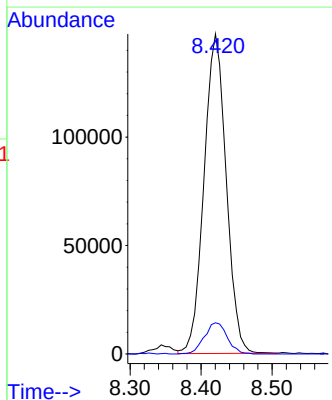
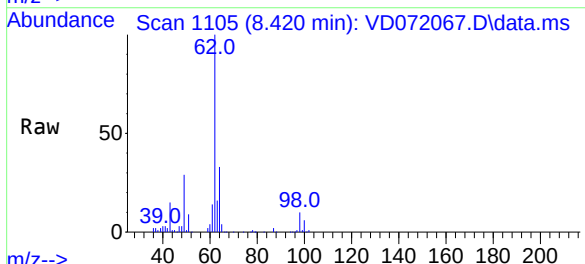
Ion	Ratio	Lower	Upper
41	100		
39	61.4	46.7	70.1
67	84.7	57.6	86.4
52	34.9	24.7	37.1

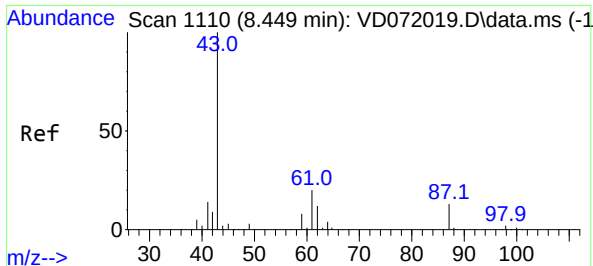


#42
1,2-Dichloroethane
Concen: 52.974 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 62 Resp: 320504

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0

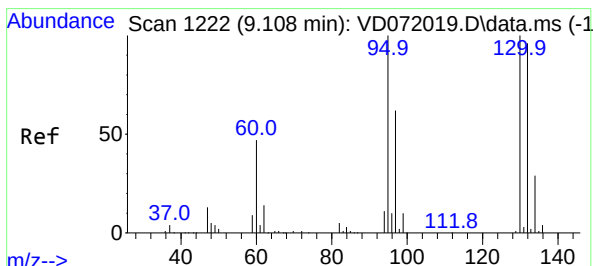
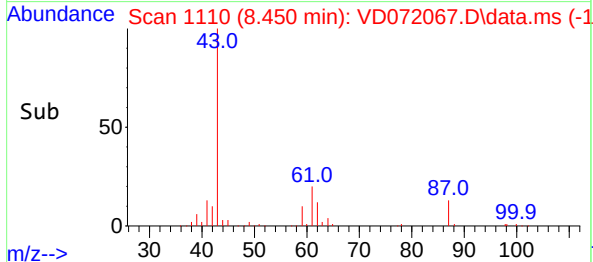
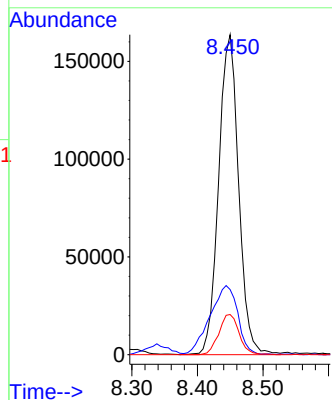
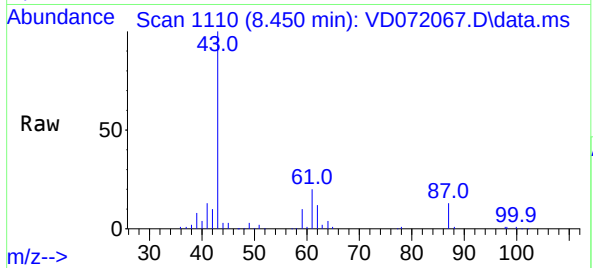




#43
Isopropyl Acetate
Concen: 55.966 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

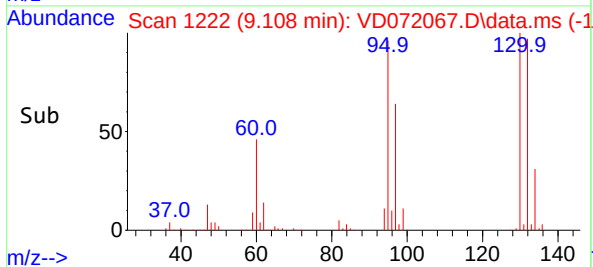
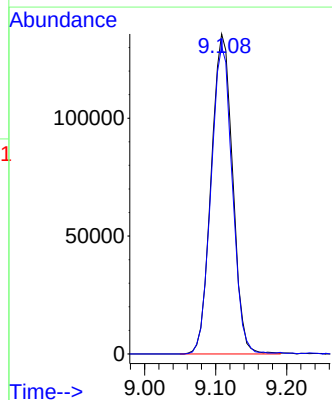
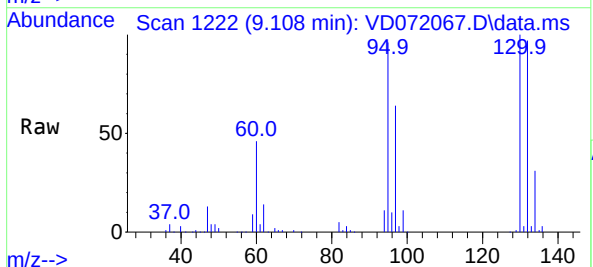
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

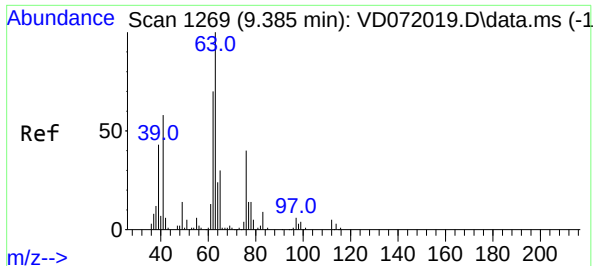
Tgt Ion: 43 Resp: 345438
Ion Ratio Lower Upper
43 100
61 29.9 24.6 37.0
87 12.8 10.1 15.1



#44
Trichloroethene
Concen: 51.650 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion:130 Resp: 283931
Ion Ratio Lower Upper
130 100
95 96.1 0.0 199.4





#45

1,2-Dichloropropane

Concen: 50.709 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Instrument :

MSVOA_D

ClientSampleId :

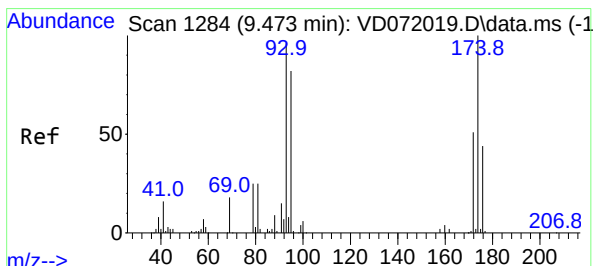
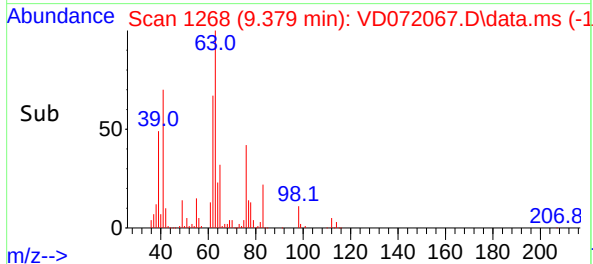
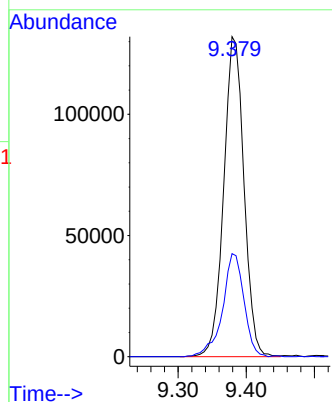
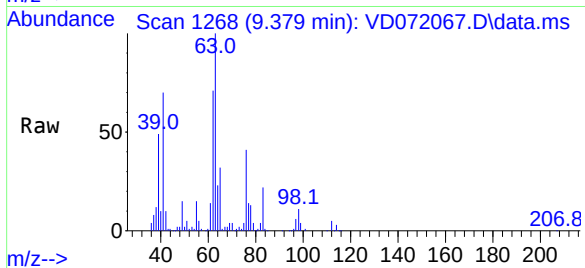
VSTDCCC050

Tgt Ion: 63 Resp: 272818

Ion Ratio Lower Upper

63 100

65 32.2 24.0 36.0



#46

Dibromomethane

Concen: 53.456 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

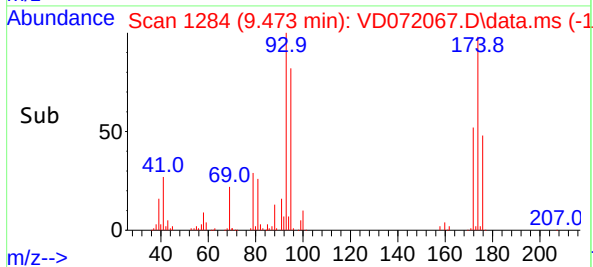
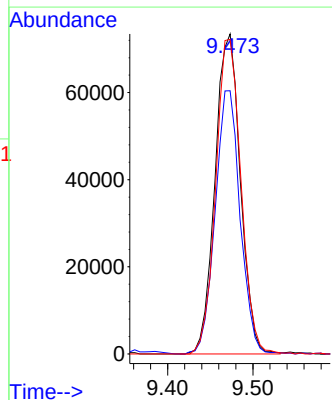
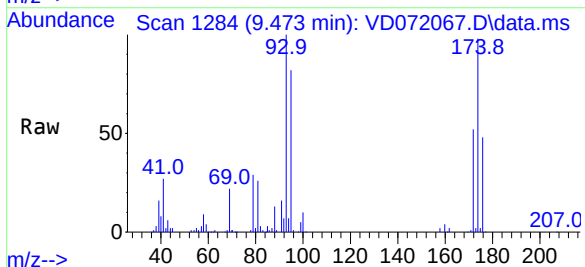
Tgt Ion: 93 Resp: 151775

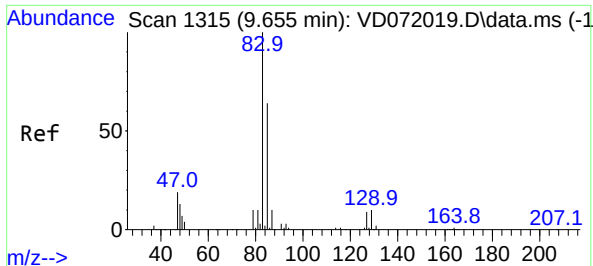
Ion Ratio Lower Upper

93 100

95 81.0 67.5 101.3

174 97.9 80.0 120.0





#47

Bromodichloromethane

Concen: 52.647 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

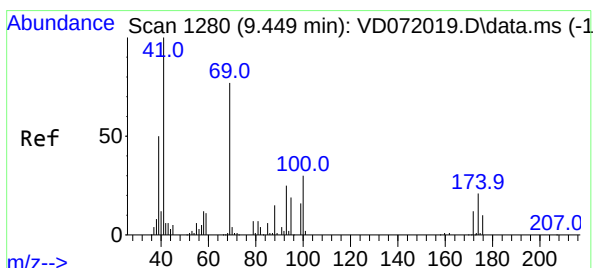
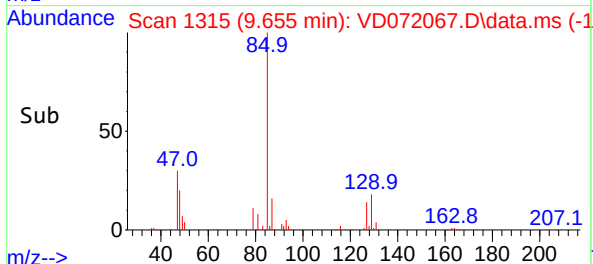
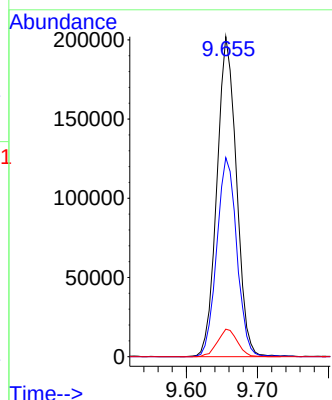
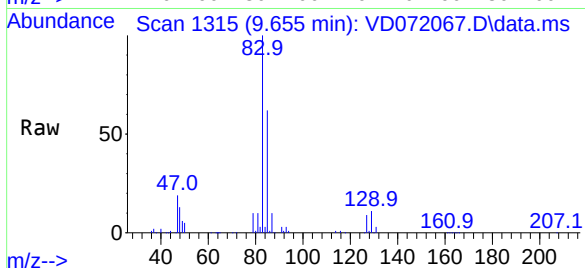
Tgt Ion: 83 Resp: 385587

Ion Ratio Lower Upper

83 100

85 62.2 51.4 77.0

127 8.6 7.0 10.6



#48

Methyl methacrylate

Concen: 52.847 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

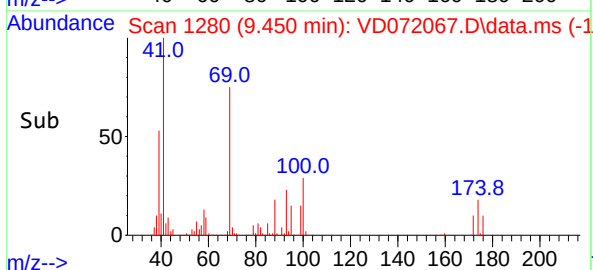
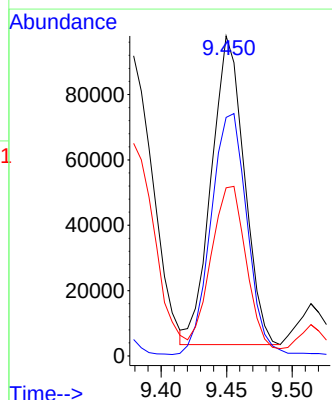
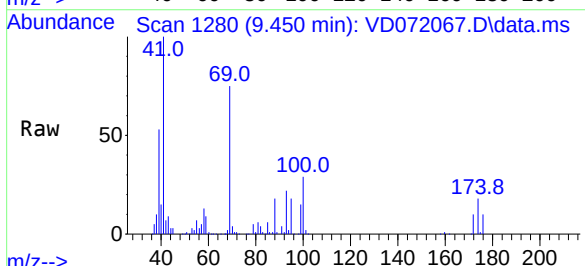
Tgt Ion: 41 Resp: 164775

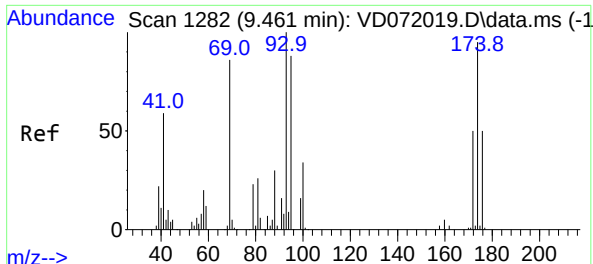
Ion Ratio Lower Upper

41 100

69 87.9 61.6 92.4

39 61.1 38.6 57.8#

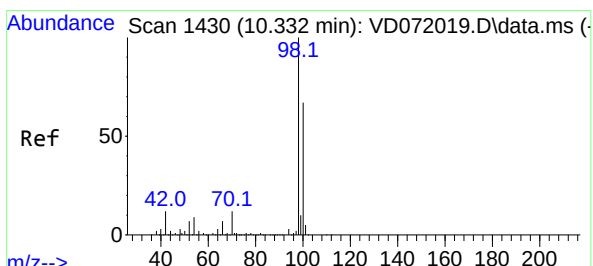
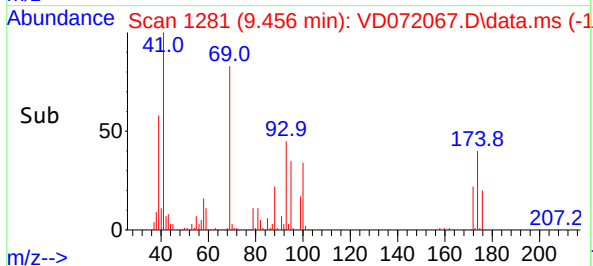
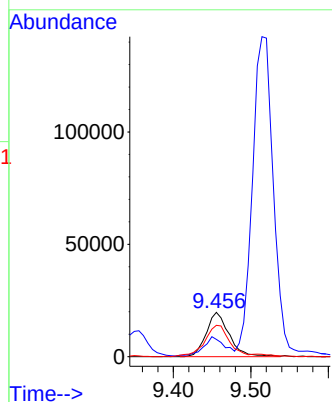
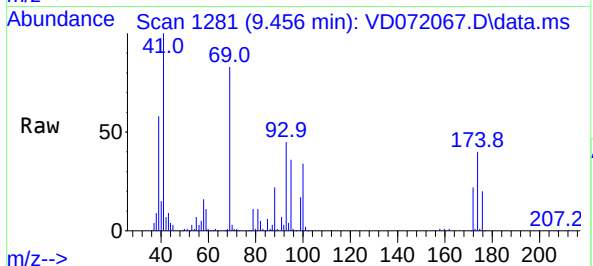




#49
1,4-Dioxane
Concen: 1202.881 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

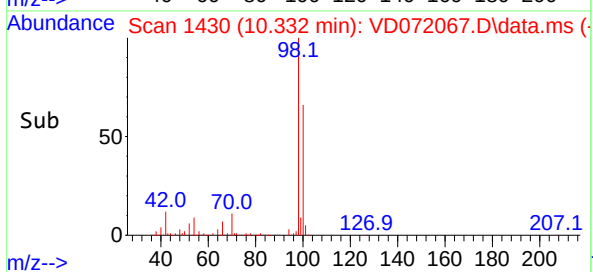
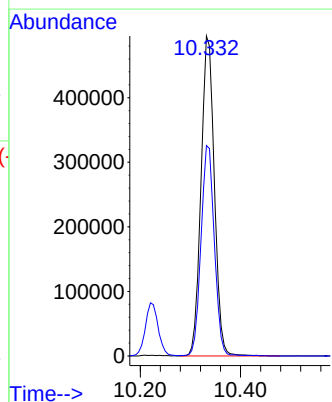
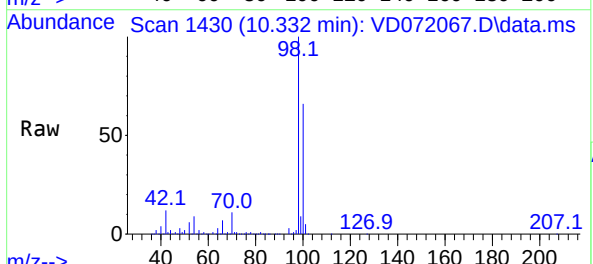
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

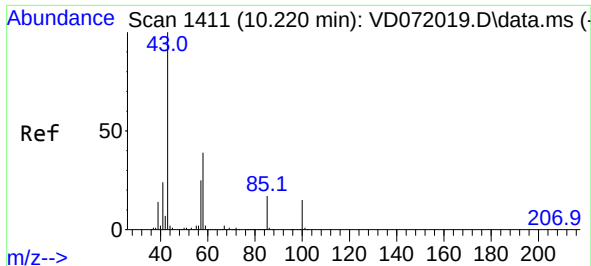
Tgt Ion: 88 Resp: 40515
Ion Ratio Lower Upper
88 100
43 39.8 29.9 44.9
58 77.0 61.0 91.4



#50
Toluene-d8
Concen: 52.260 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 98 Resp: 914504
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6

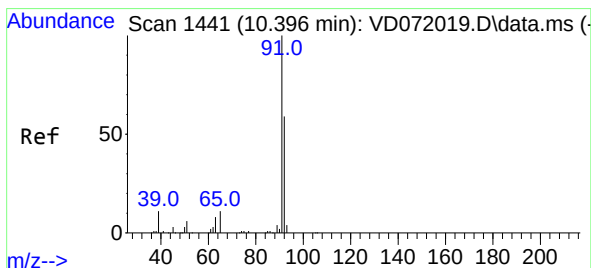
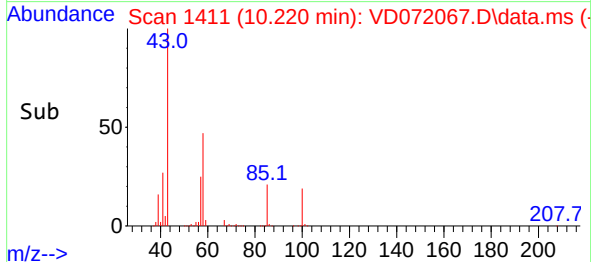
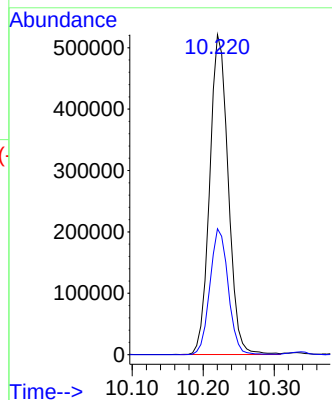
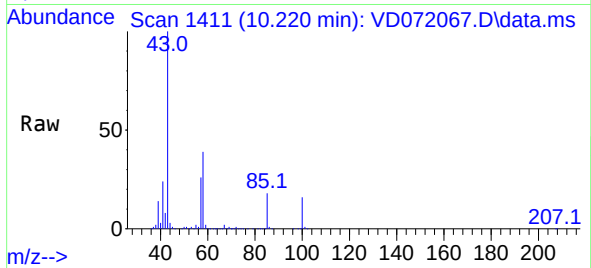




#51
4-Methyl-2-Pentanone
Concen: 289.031 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

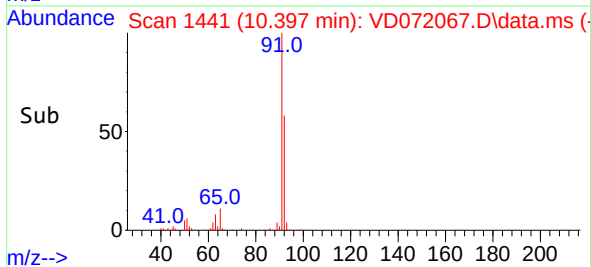
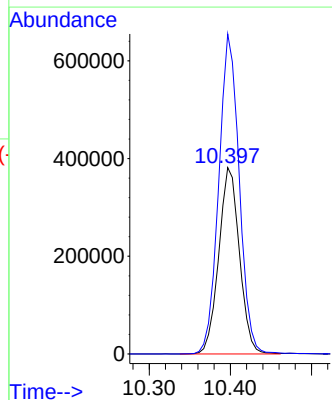
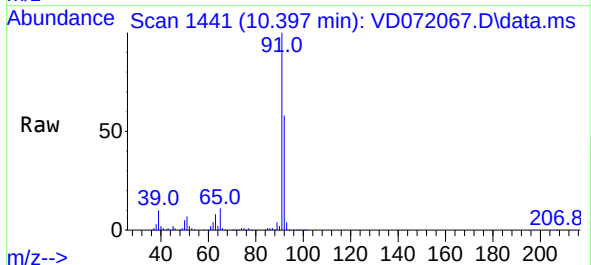
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

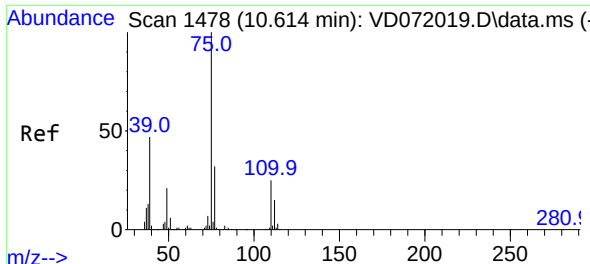
Tgt Ion: 43 Resp: 945461
Ion Ratio Lower Upper
43 100
58 38.9 30.8 46.2



#52
Toluene
Concen: 52.360 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 92 Resp: 675829
Ion Ratio Lower Upper
92 100
91 170.2 135.6 203.4

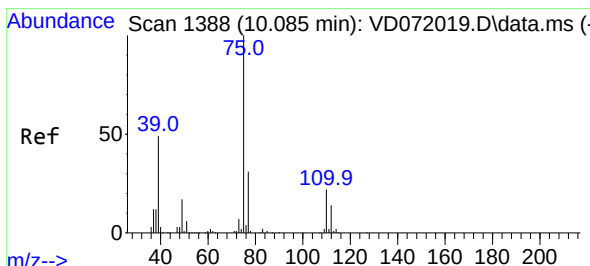
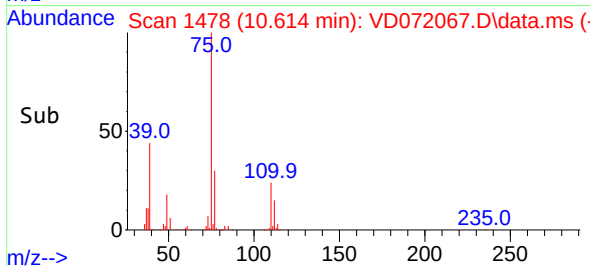
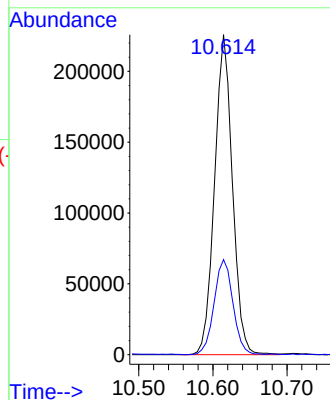
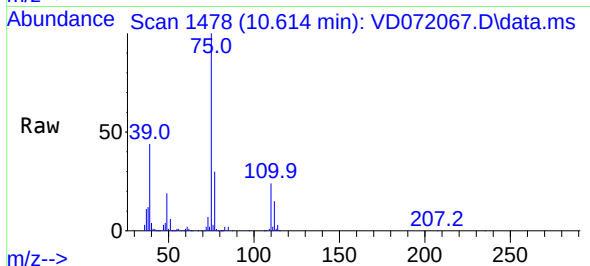




#53
 t-1,3-Dichloropropene
 Concen: 56.413 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD072067.D
 Acq: 23 Feb 2022 09:08

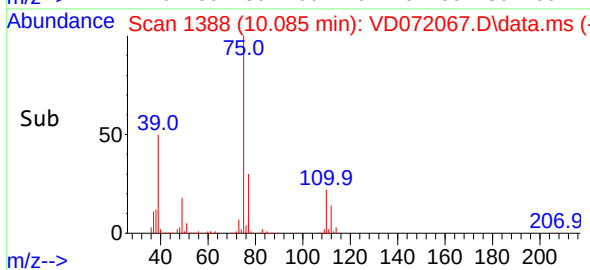
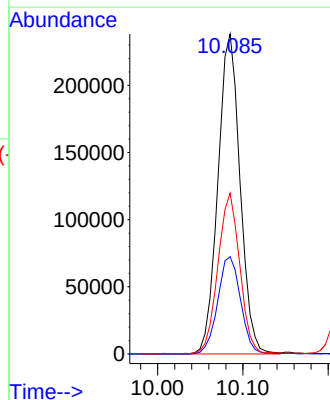
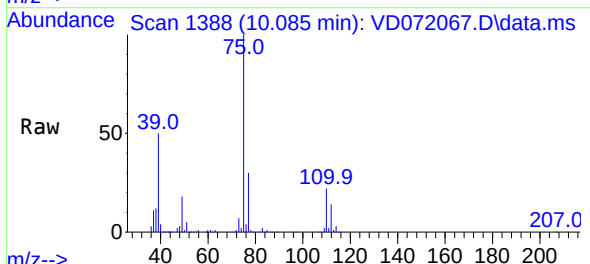
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

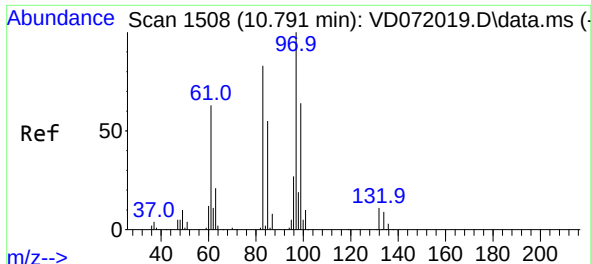
Tgt Ion: 75 Resp: 377873
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.197 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD072067.D
 Acq: 23 Feb 2022 09:08

Tgt Ion: 75 Resp: 429662
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.7 37.1
 39 50.2 39.1 58.7



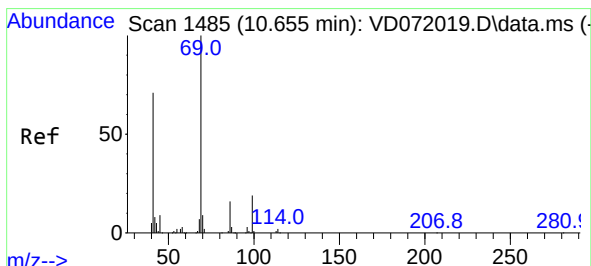
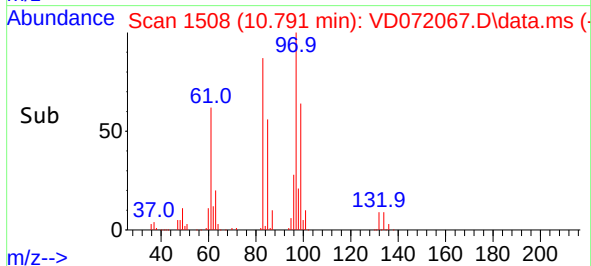
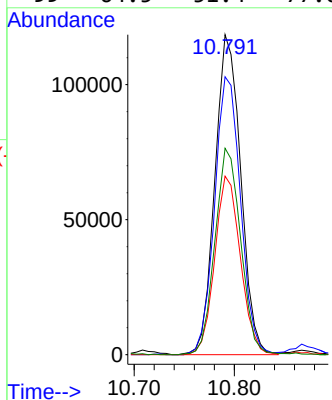
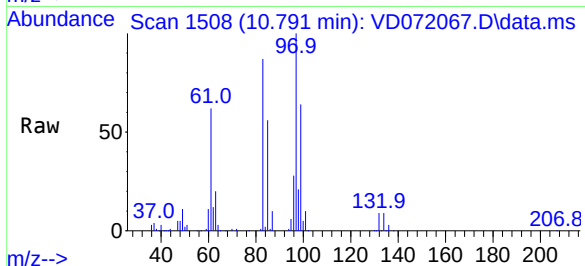


#55
1,1,2-Trichloroethane
Concen: 53.046 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 211948

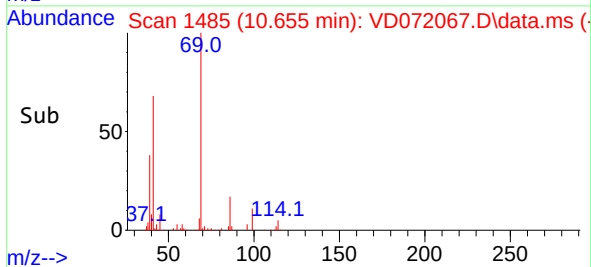
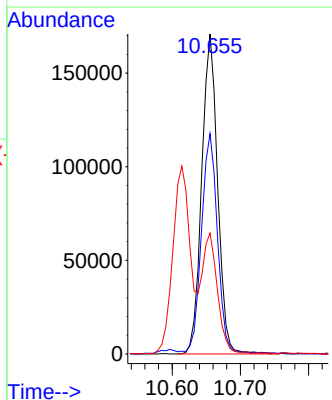
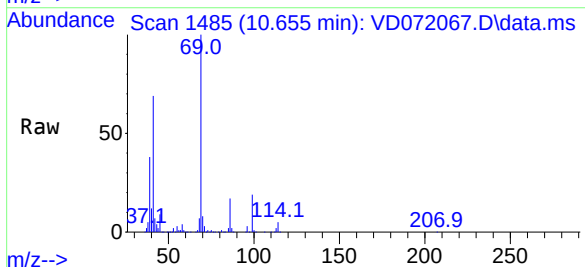
Ion	Ratio	Lower	Upper
97	100		
83	86.9	66.2	99.4
85	55.8	43.7	65.5
99	64.5	51.4	77.0

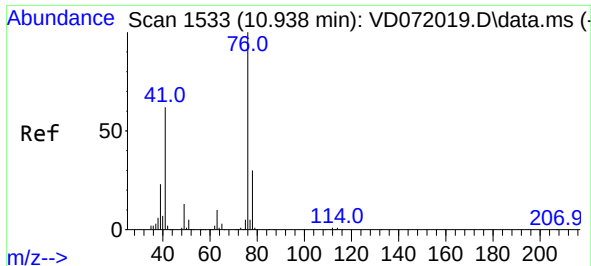


#56
Ethyl methacrylate
Concen: 58.183 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 69 Resp: 277618

Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.8	85.2
39	34.9	28.2	42.4





#57

1,3-Dichloropropane

Concen: 54.305 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Instrument :

MSVOA_D

ClientSampleId :

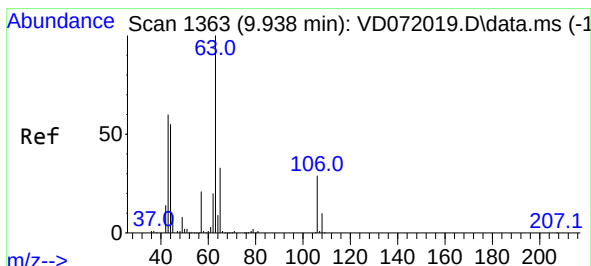
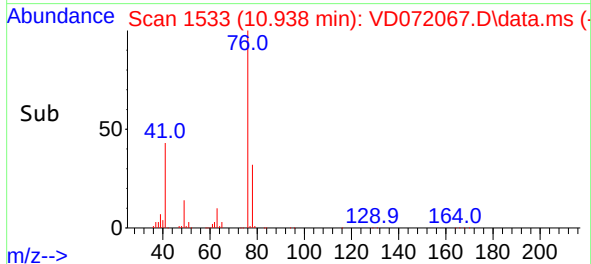
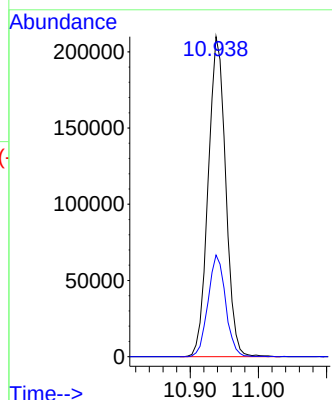
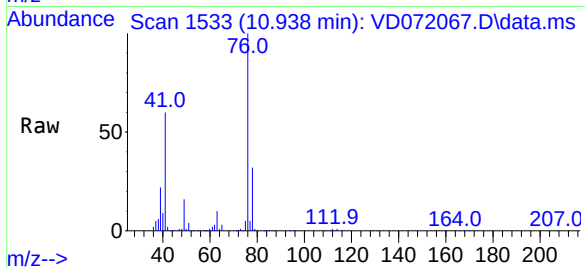
VSTDCCC050

Tgt Ion: 76 Resp: 375018

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 289.209 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072067.D

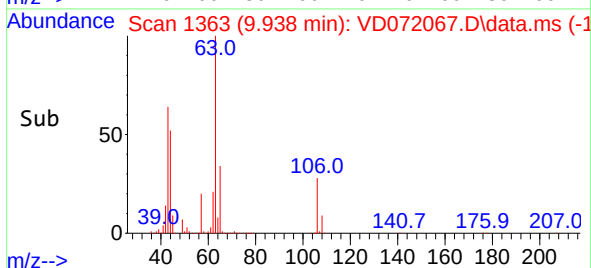
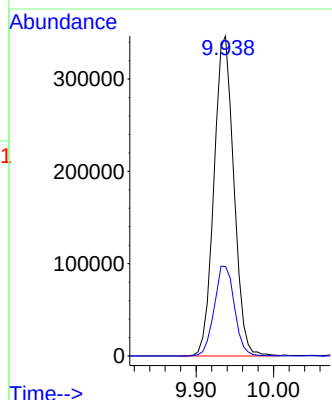
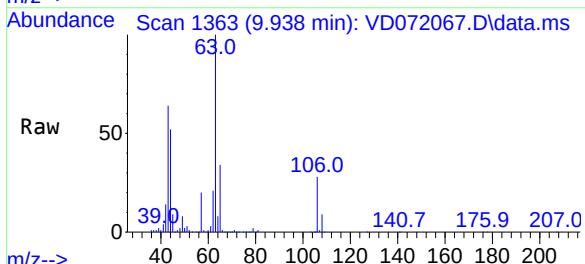
Acq: 23 Feb 2022 09:08

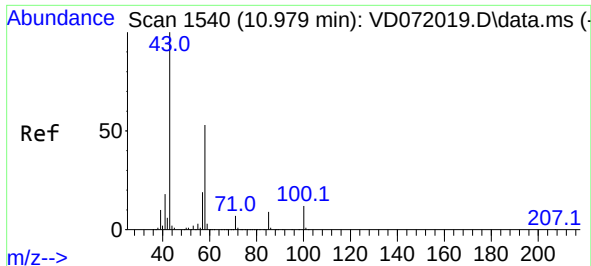
Tgt Ion: 63 Resp: 617350

Ion Ratio Lower Upper

63 100

106 28.7 22.6 33.8

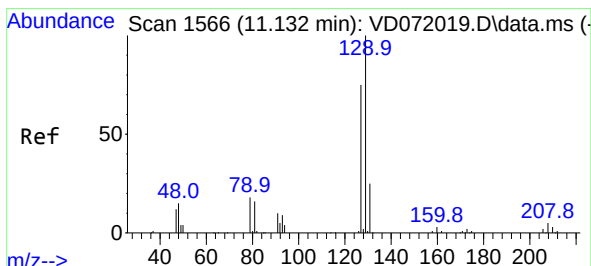
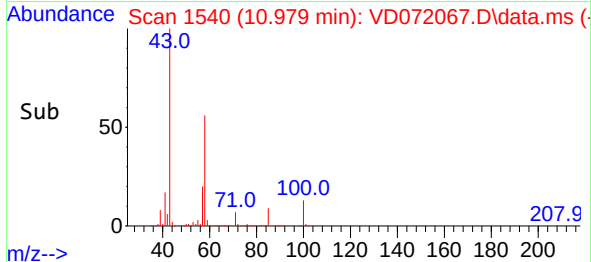
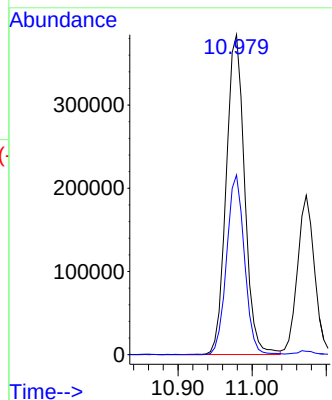
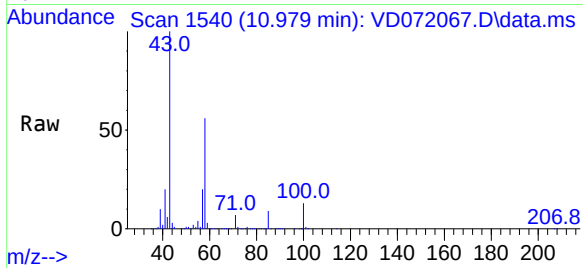




#59
2-Hexanone
Concen: 297.307 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

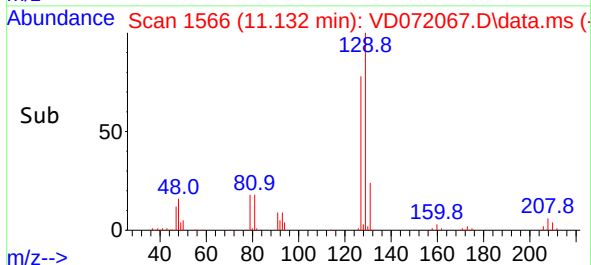
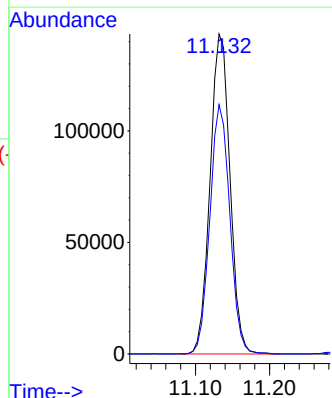
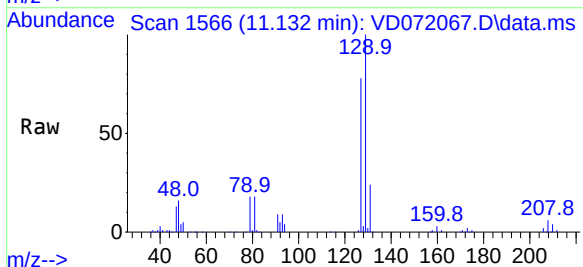
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

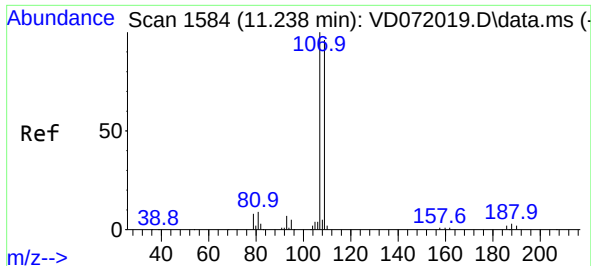
Tgt Ion: 43 Resp: 663352
Ion Ratio Lower Upper
43 100
58 54.3 27.0 80.8



#60
Dibromochloromethane
Concen: 53.563 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion:129 Resp: 267258
Ion Ratio Lower Upper
129 100
127 78.2 37.6 112.9

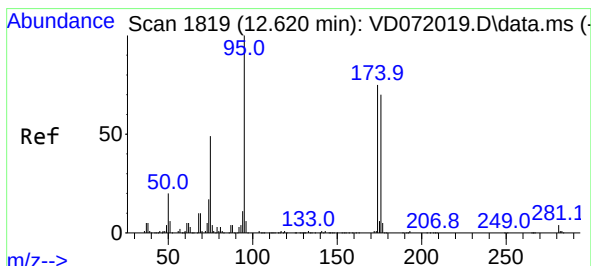
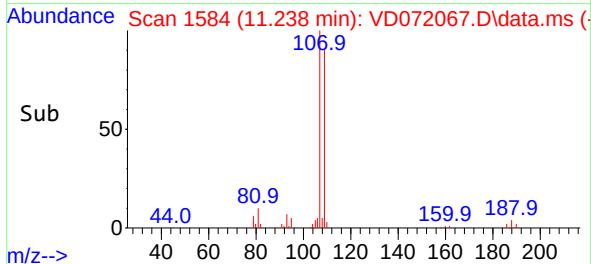
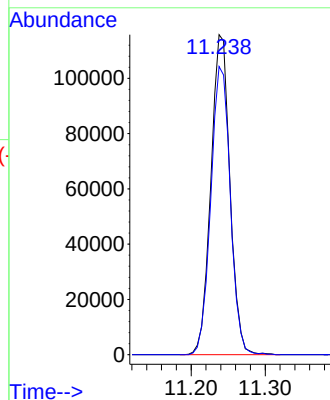
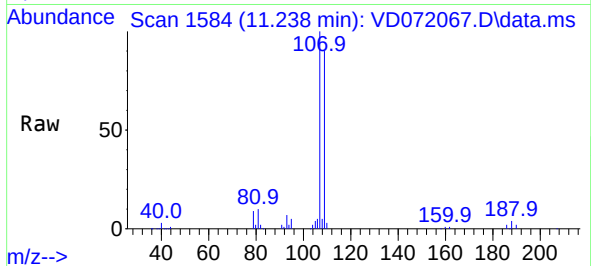




#61
1,2-Dibromoethane
Concen: 54.136 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

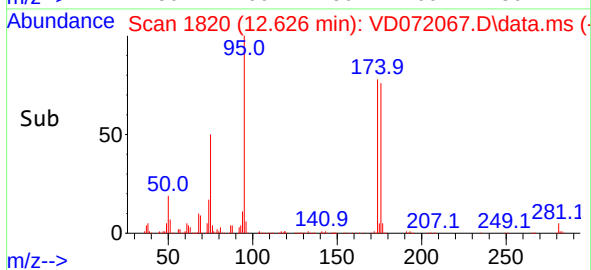
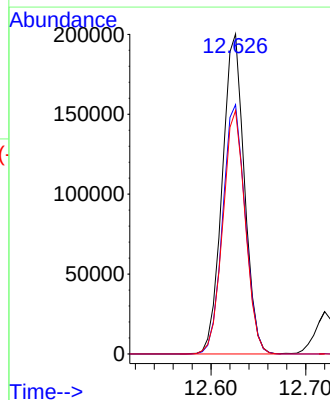
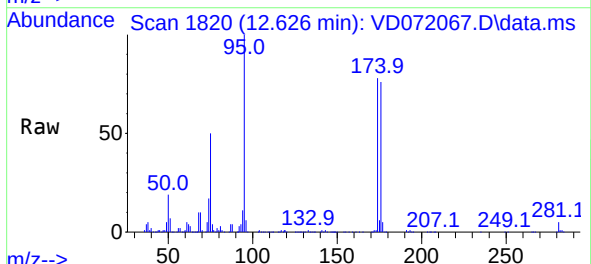
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

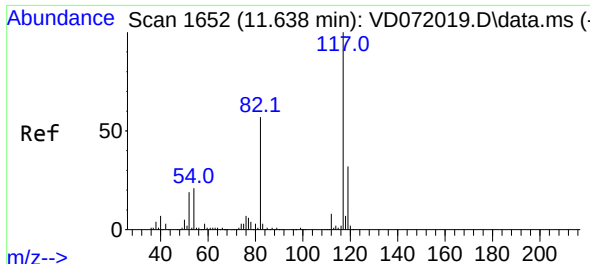
Tgt Ion:107 Resp: 206704
Ion Ratio Lower Upper
107 100
109 92.0 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 50.548 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 95 Resp: 324913
Ion Ratio Lower Upper
95 100
174 79.4 0.0 155.0
176 76.8 0.0 148.8

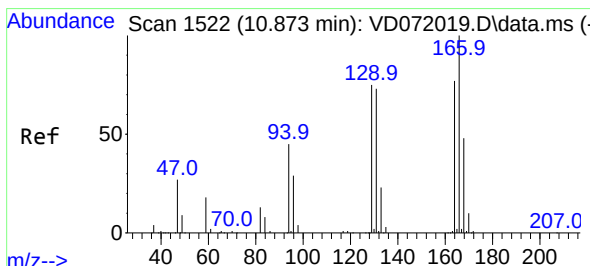
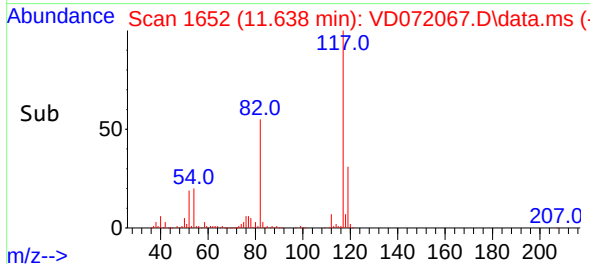
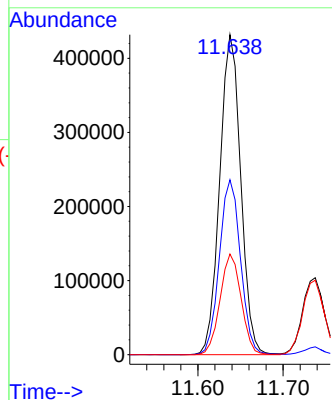
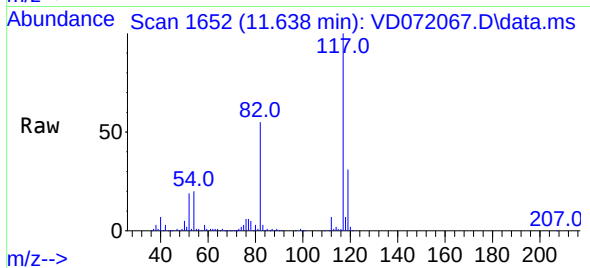




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

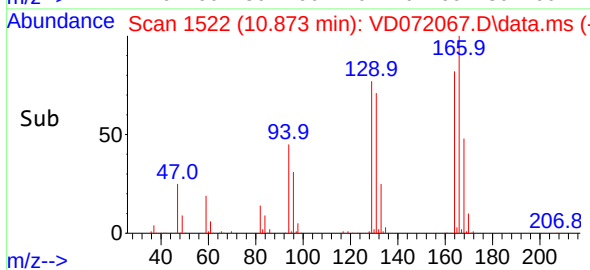
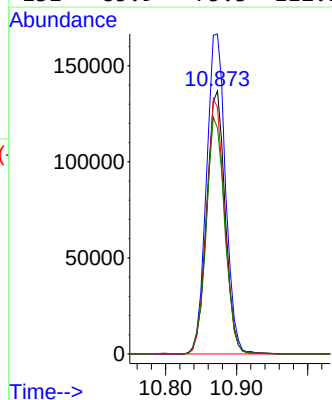
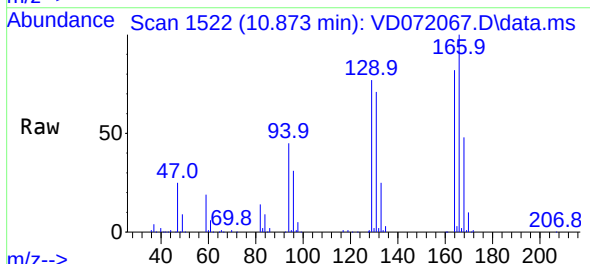
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

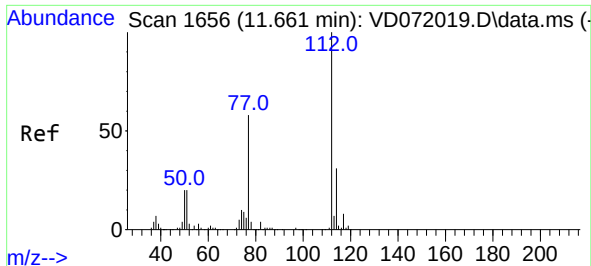
Tgt Ion:117 Resp: 741520
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 52.844 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion:164 Resp: 247386
Ion Ratio Lower Upper
164 100
166 121.6 103.4 155.2
129 93.8 77.8 116.6
131 85.9 75.3 112.9

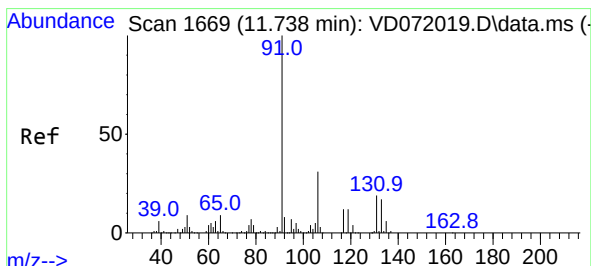
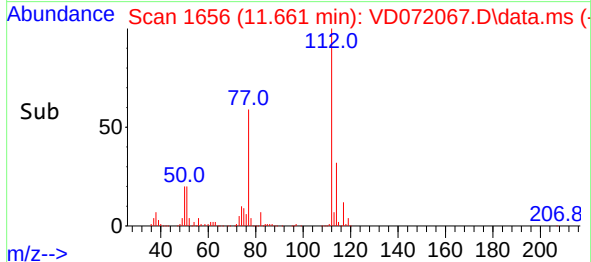
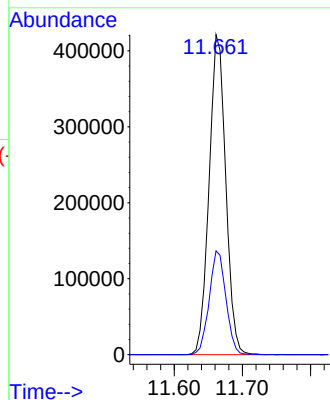
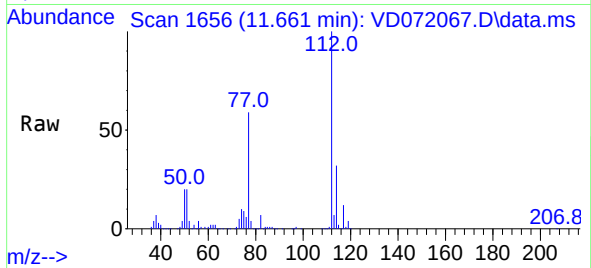




#65
Chlorobenzene
Concen: 49.752 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

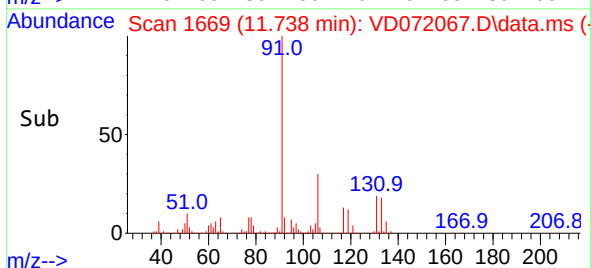
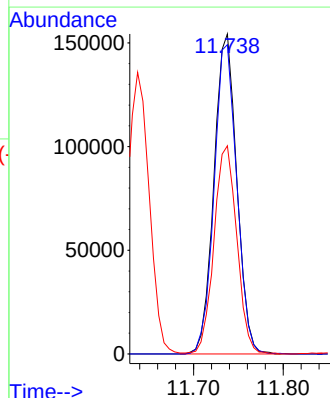
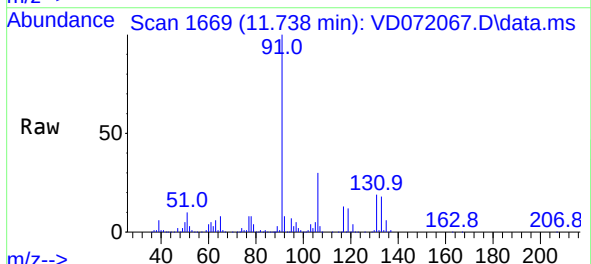
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

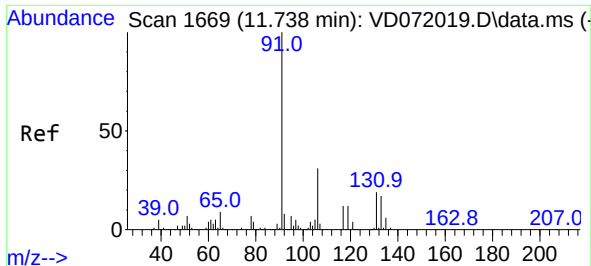
Tgt Ion:112 Resp: 714999
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.934 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion:131 Resp: 271677
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 65.3 32.8 98.3

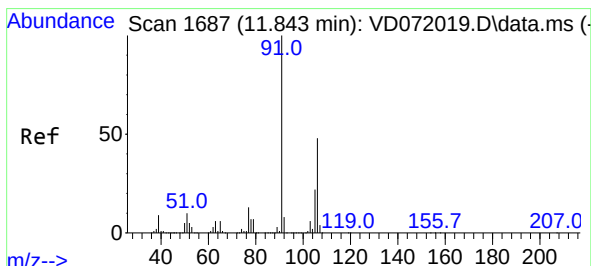
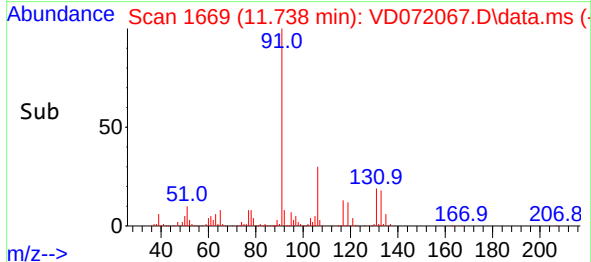
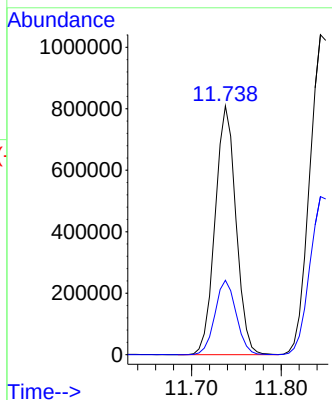
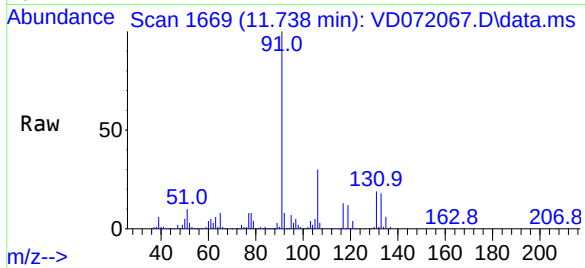




#67
Ethyl Benzene
Concen: 51.645 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

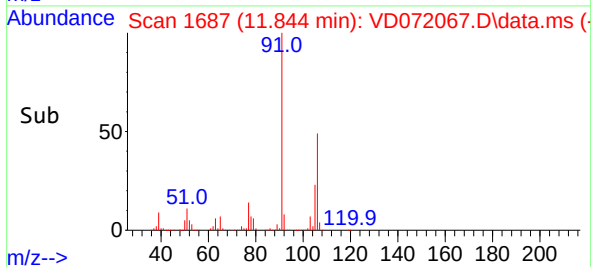
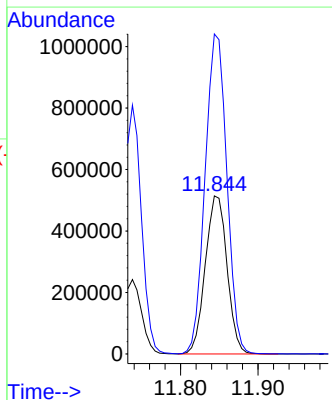
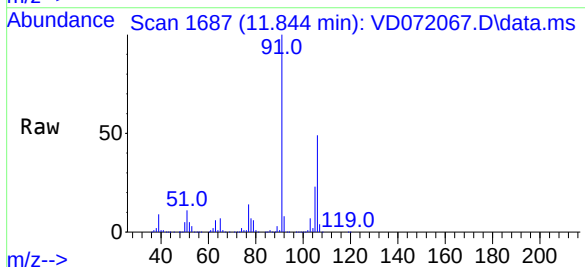
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

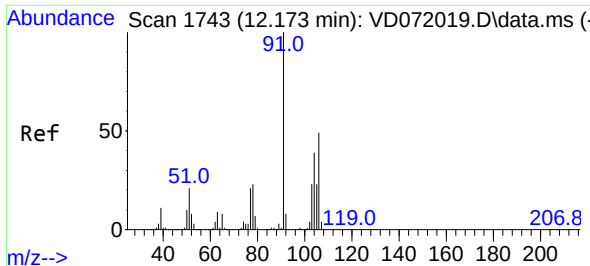
Tgt Ion: 91 Resp: 1305083
Ion Ratio Lower Upper
91 100
106 29.9 24.6 36.8



#68
m/p-Xylenes
Concen: 103.872 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 106 Resp: 1004829
Ion Ratio Lower Upper
106 100
91 202.1 162.6 243.8

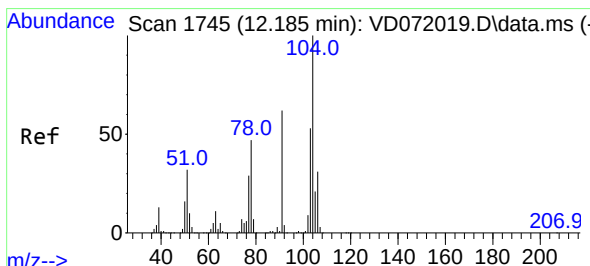
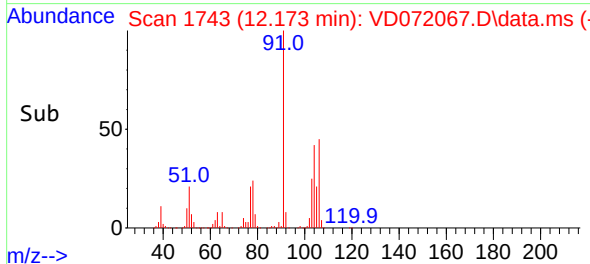
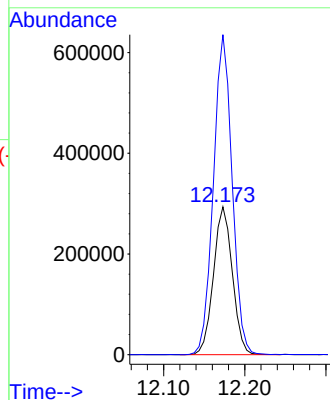
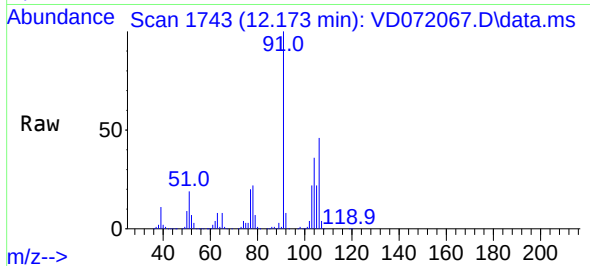




#69
o-Xylene
Concen: 52.145 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

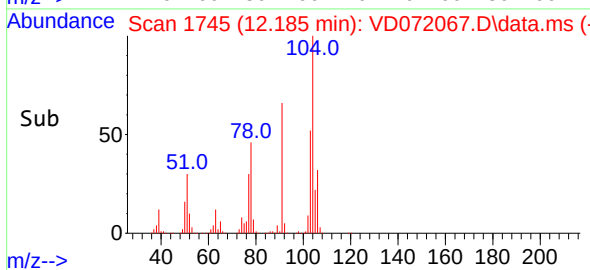
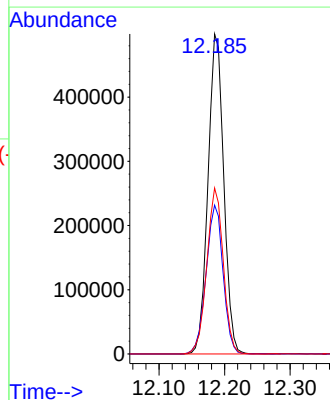
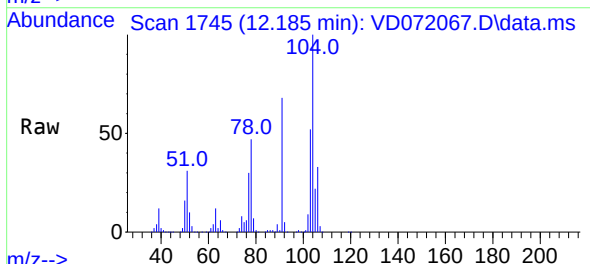
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

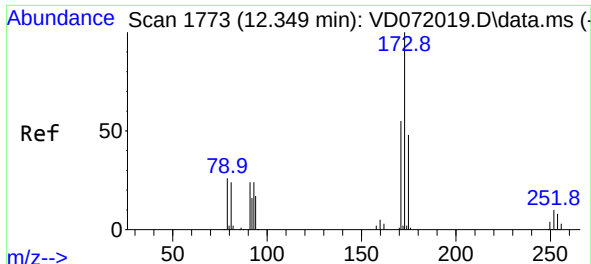
Tgt Ion:106 Resp: 474525
Ion Ratio Lower Upper
106 100
91 215.1 106.0 317.9



#70
Styrene
Concen: 53.385 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion:104 Resp: 833702
Ion Ratio Lower Upper
104 100
78 50.1 40.1 60.1
103 54.2 43.7 65.5

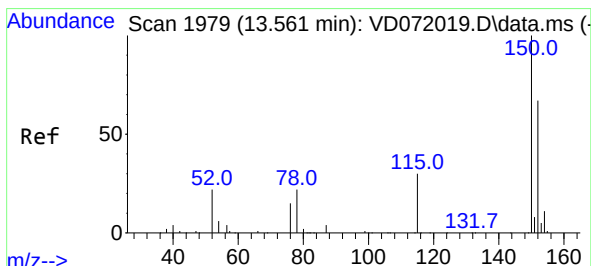
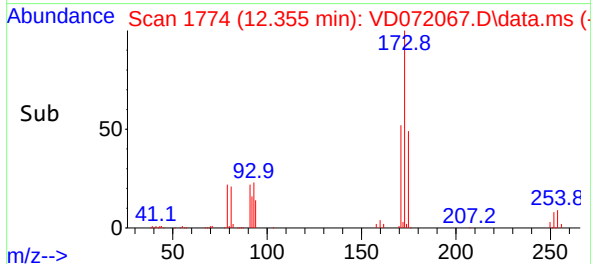
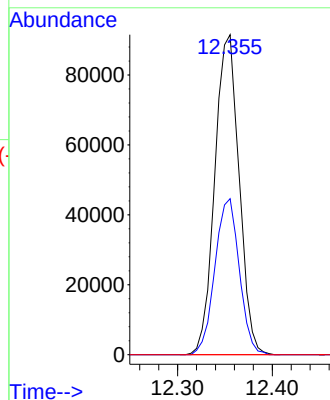
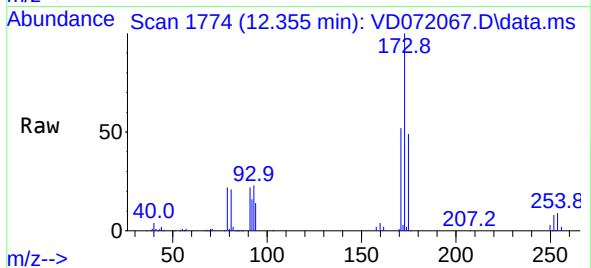




#71
Bromoform
Concen: 53.351 ug/l
RT: 12.355 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

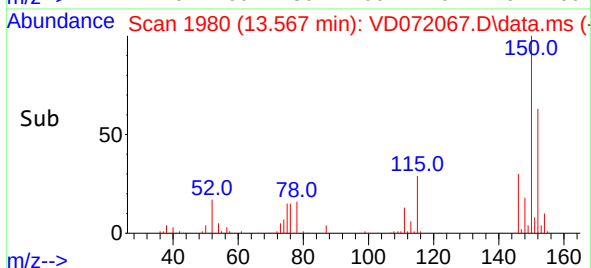
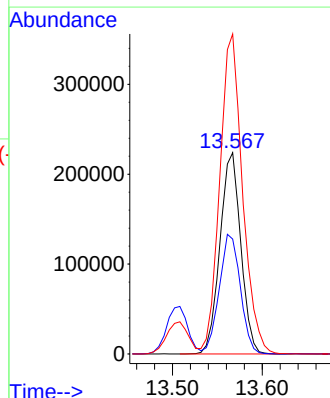
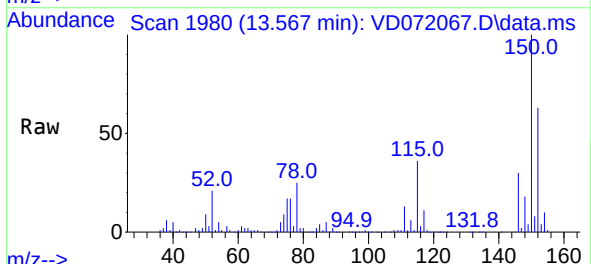
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

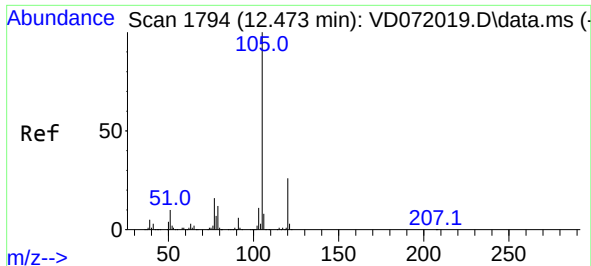
Tgt Ion:173 Resp: 163206
Ion Ratio Lower Upper
173 100
175 48.9 25.0 75.0
255 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion:152 Resp: 360681
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 173.5 0.0 347.6

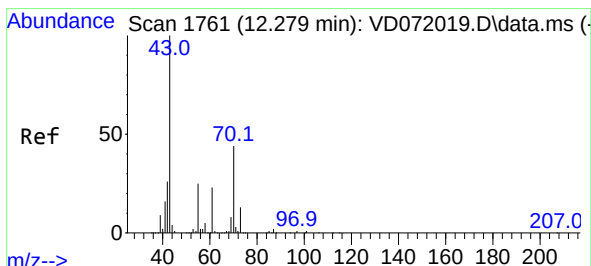
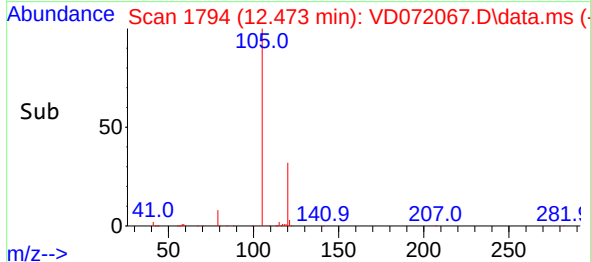
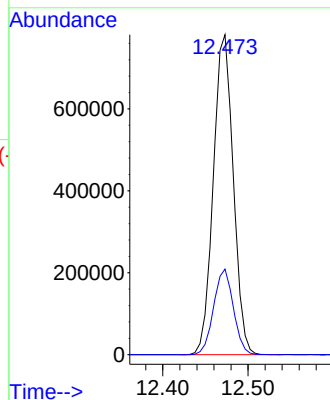
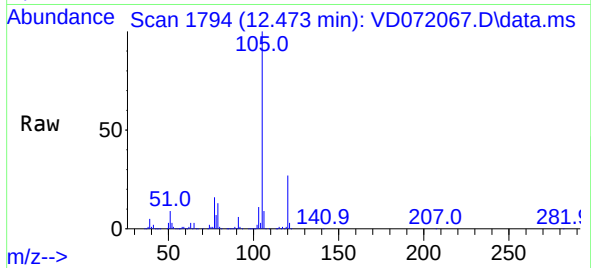




#73
Isopropylbenzene
Concen: 51.281 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

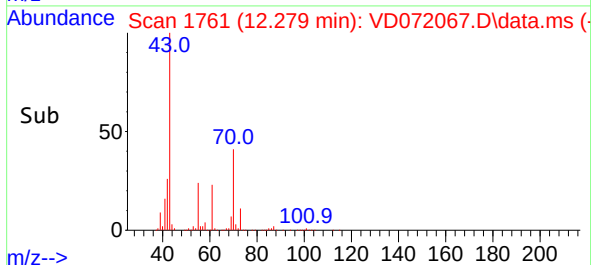
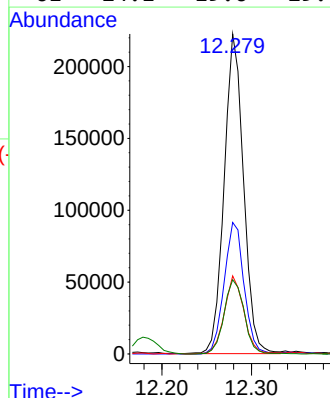
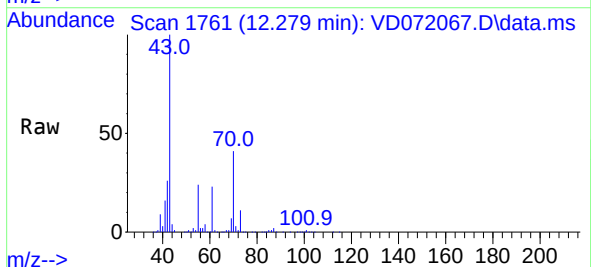
Instrument :
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ClientSampleId :
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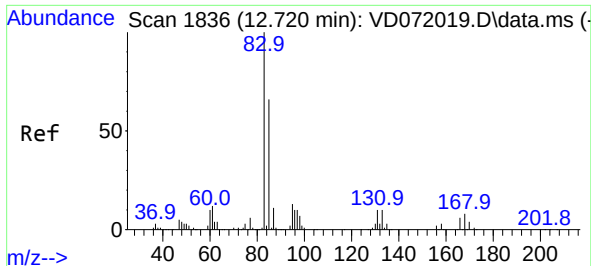
Tgt Ion:105 Resp: 1269954
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 55.846 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 43 Resp: 333953
Ion Ratio Lower Upper
43 100
70 42.3 33.2 49.8
55 24.6 20.6 30.8
61 24.1 19.6 29.4

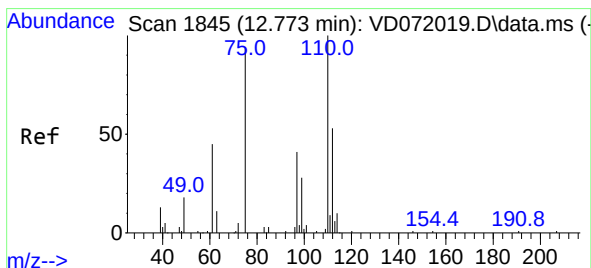
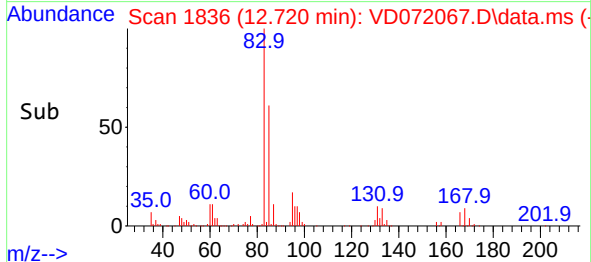
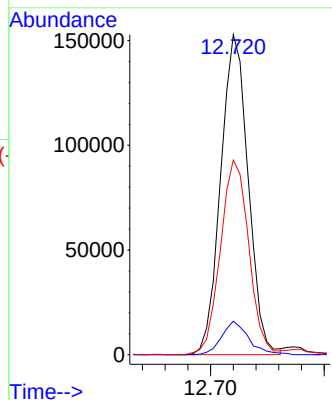
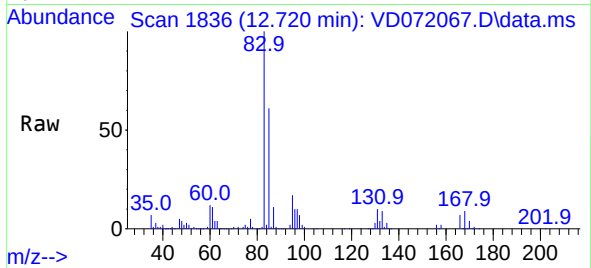




#75
1,1,2,2-Tetrachloroethane
Concen: 52.482 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

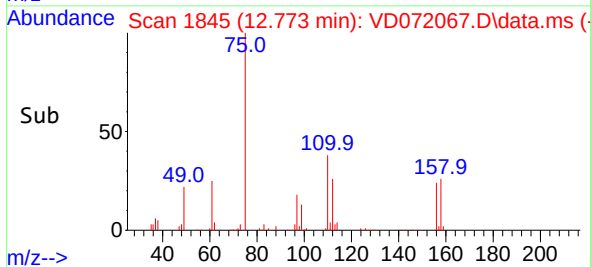
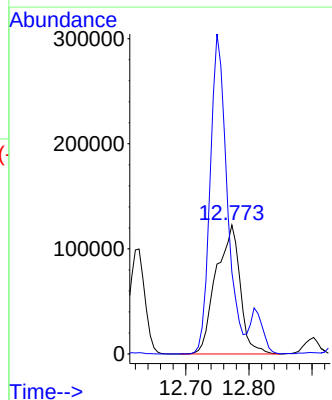
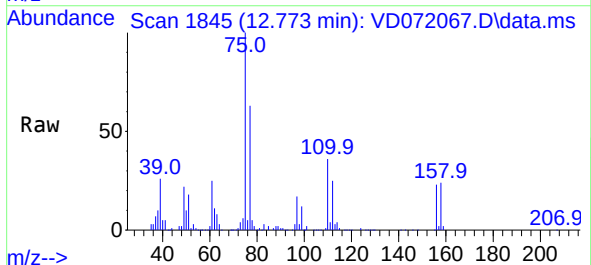
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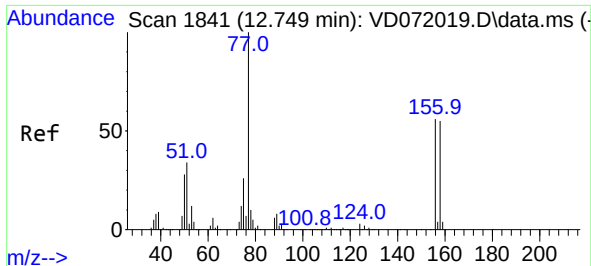
Tgt Ion: 83 Resp: 256963
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 62.8 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 94.948 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 75 Resp: 324387
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

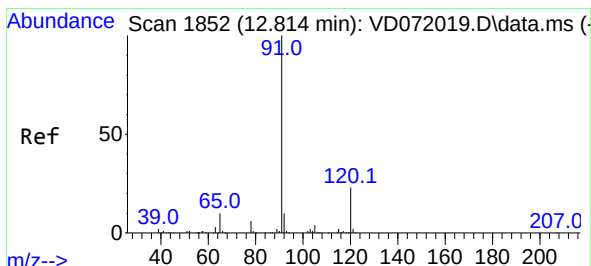
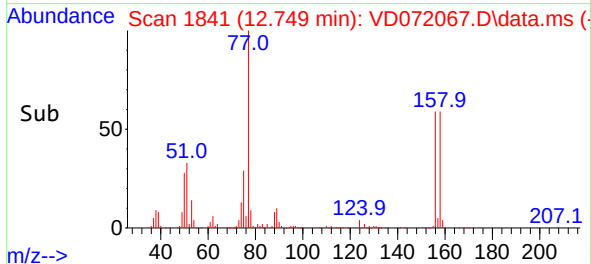
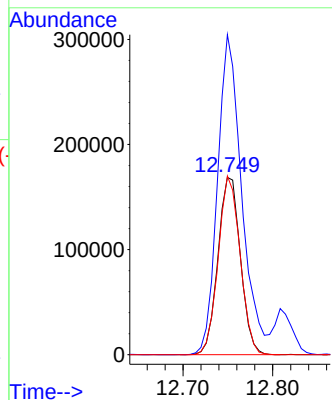
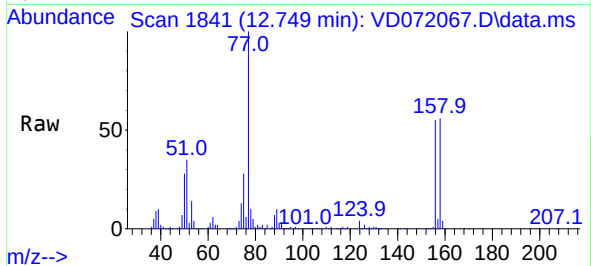




#77
Bromobenzene
Concen: 50.629 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

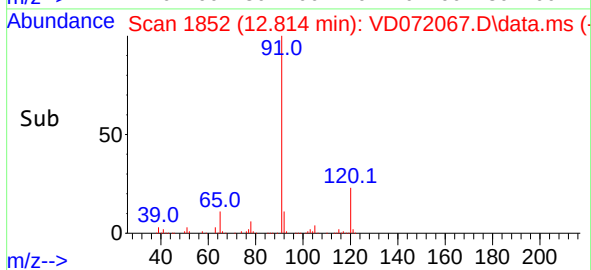
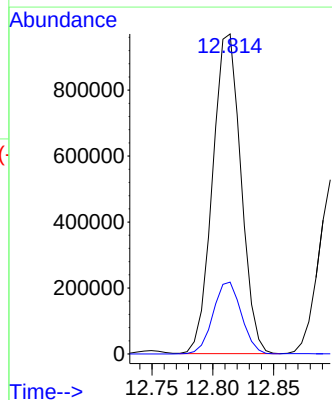
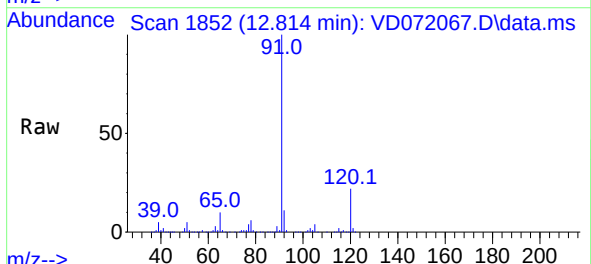
Instrument :
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ClientSampleId :
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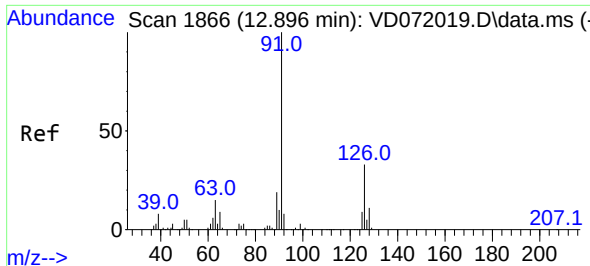
Tgt Ion:156 Resp: 293612
Ion Ratio Lower Upper
156 100
77 192.5 93.6 280.8
158 98.0 47.7 143.1



#78
n-propylbenzene
Concen: 51.612 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 91 Resp: 1571012
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5

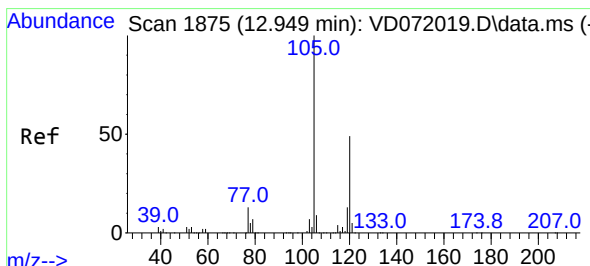
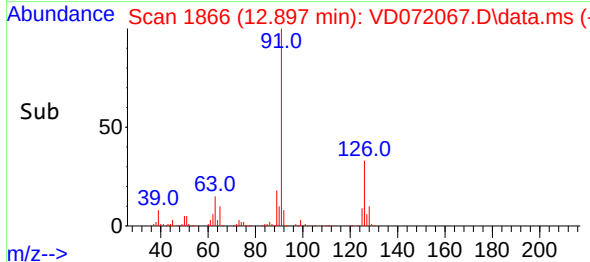
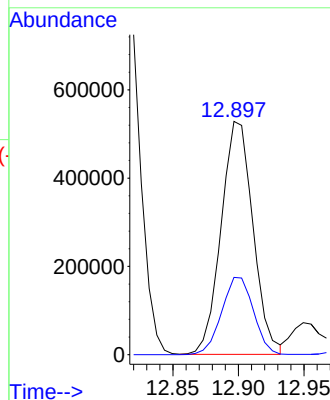
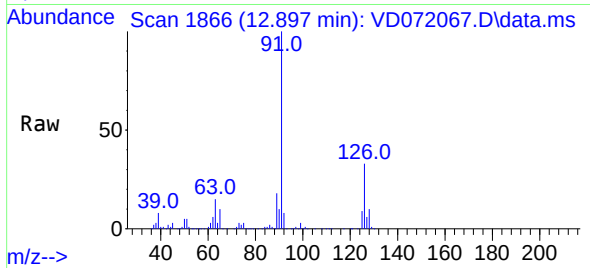




#79
2-Chlorotoluene
Concen: 50.764 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

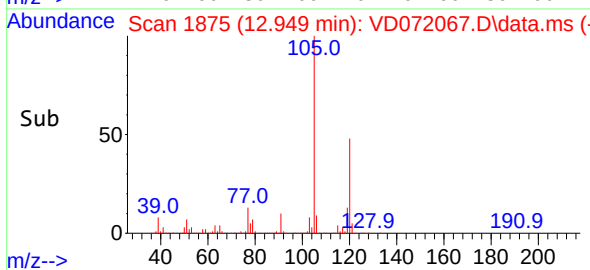
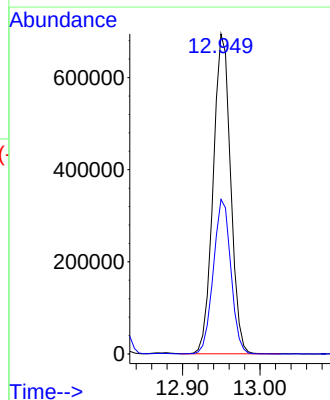
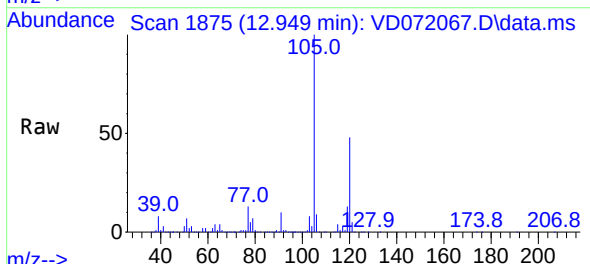
Instrument :
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ClientSampleId :
VSTDCCC050

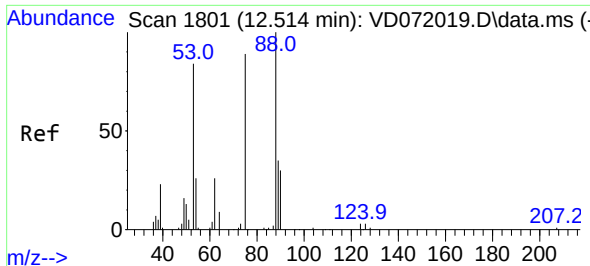
Tgt Ion: 91 Resp: 894340
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 52.437 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion:105 Resp: 1084338
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7

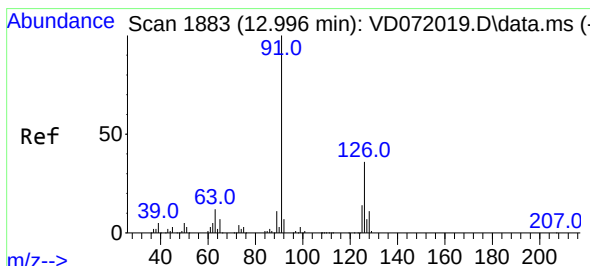
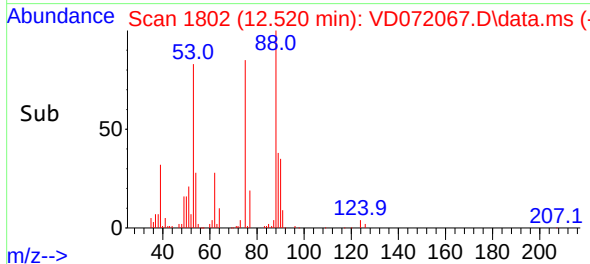
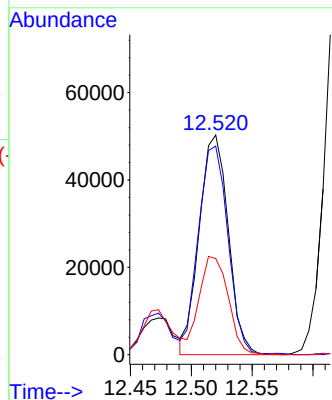
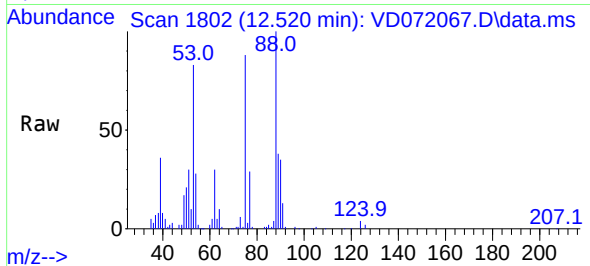




#81
trans-1,4-Dichloro-2-butene
Concen: 61.281 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

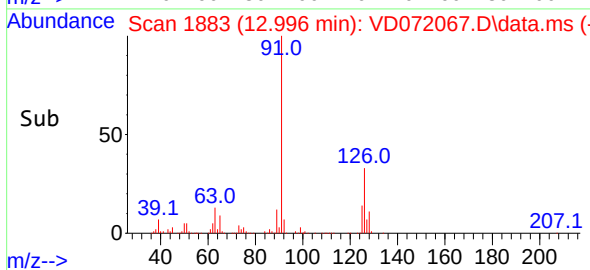
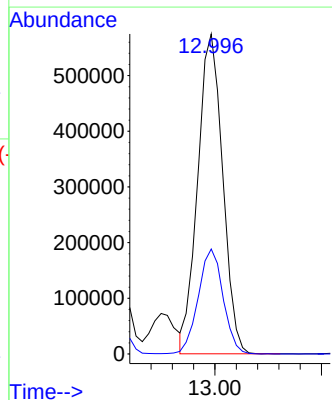
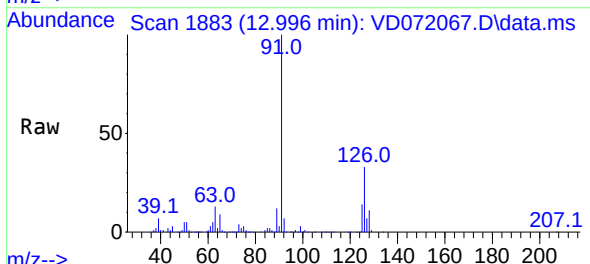
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

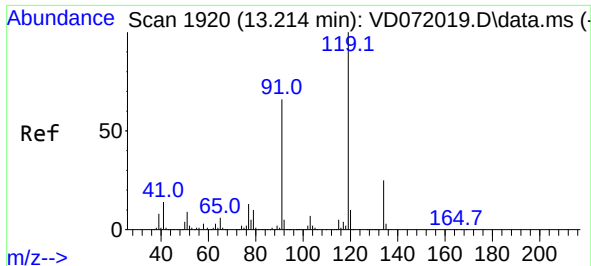
Tgt Ion: 75 Resp: 83605
Ion Ratio Lower Upper
75 100
53 95.7 80.2 120.4
89 44.2 36.4 54.6



#82
4-Chlorotoluene
Concen: 51.082 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 91 Resp: 936630
Ion Ratio Lower Upper
91 100
126 32.8 16.9 50.6

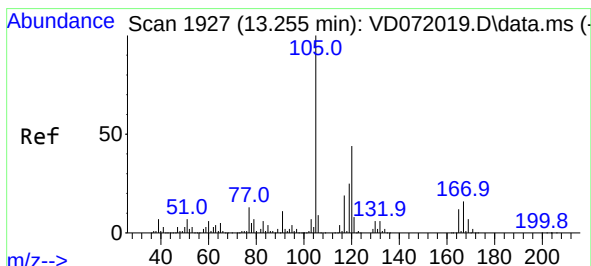
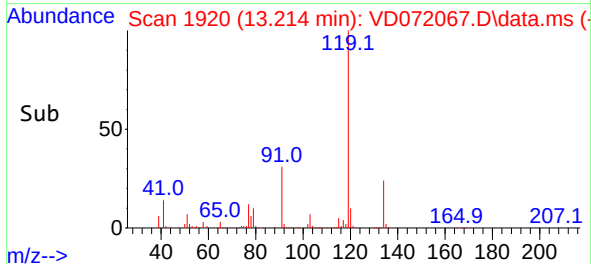
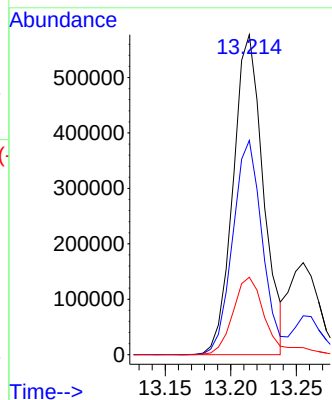
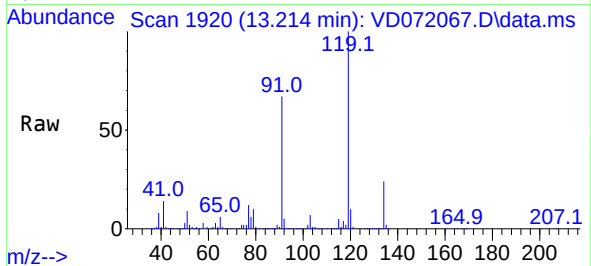




#83
tert-Butylbenzene
Concen: 52.155 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

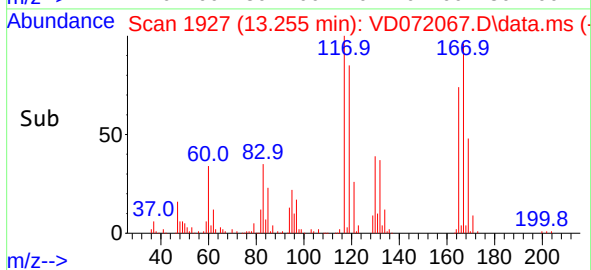
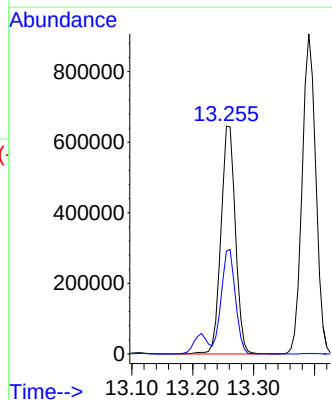
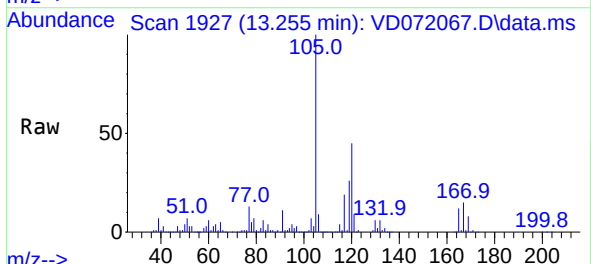
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

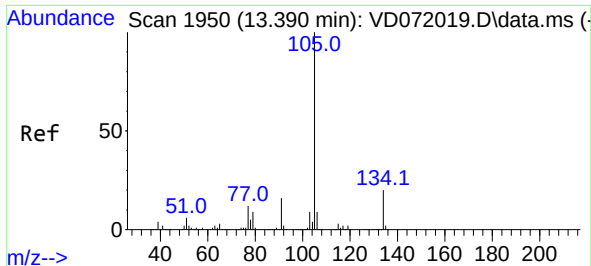
Tgt Ion:119 Resp: 926627
Ion Ratio Lower Upper
119 100
91 66.3 32.5 97.5
134 26.4 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 52.291 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion:105 Resp: 1062975
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3

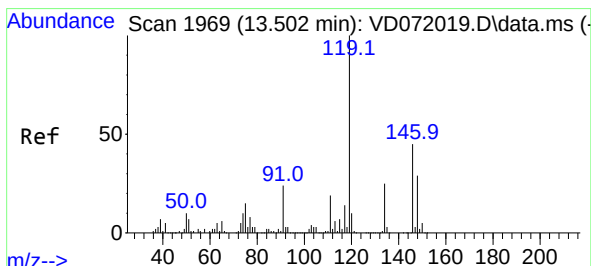
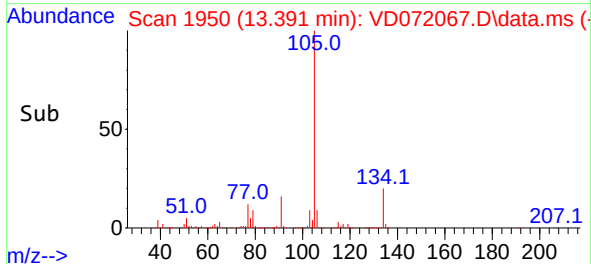
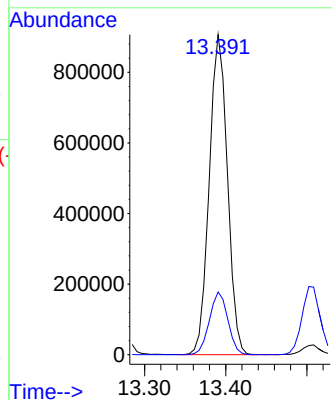
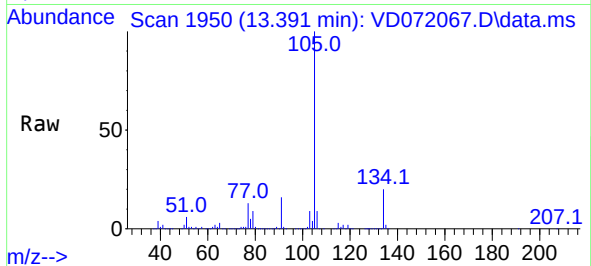




#85
 sec-Butylbenzene
 Concen: 52.001 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072067.D
 Acq: 23 Feb 2022 09:08

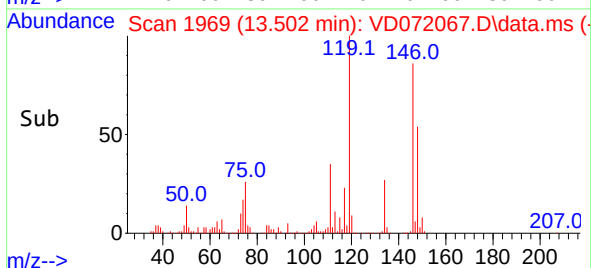
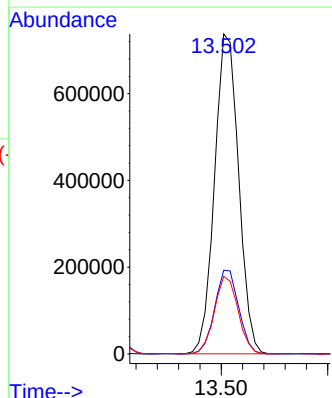
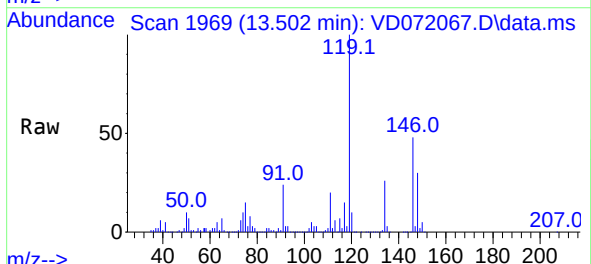
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

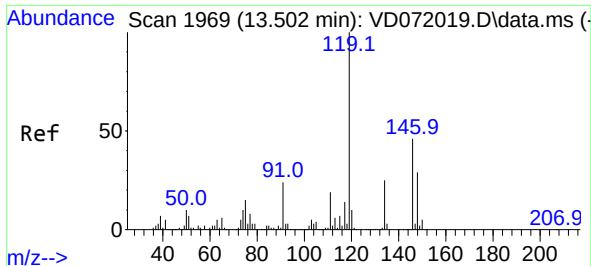
Tgt Ion:105 Resp: 1407394
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 51.905 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072067.D
 Acq: 23 Feb 2022 09:08

Tgt Ion:119 Resp: 1155439
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 23.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 50.376 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

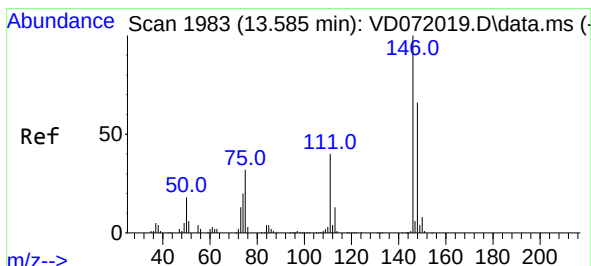
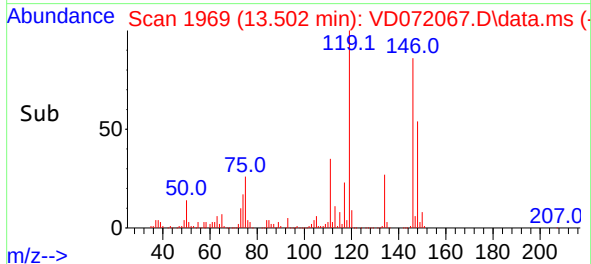
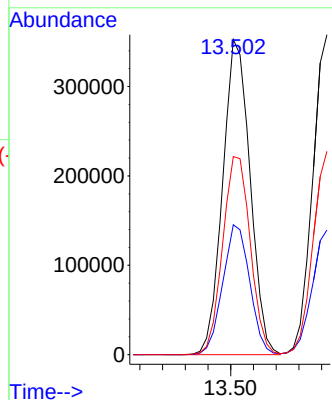
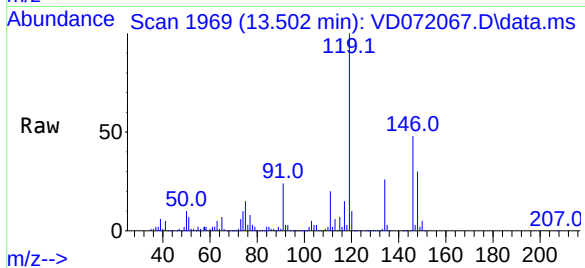
Tgt Ion:146 Resp: 590563

Ion Ratio Lower Upper

146 100

111 40.7 20.0 59.9

148 63.6 31.1 93.2



#88

1,4-Dichlorobenzene

Concen: 50.127 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

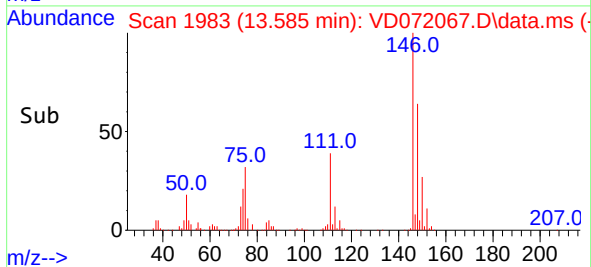
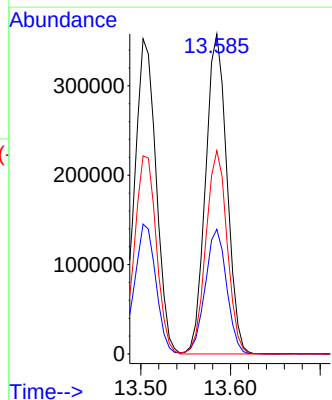
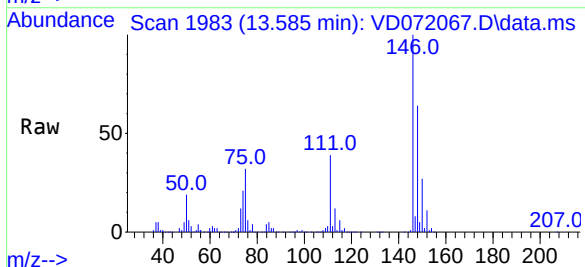
Tgt Ion:146 Resp: 590460

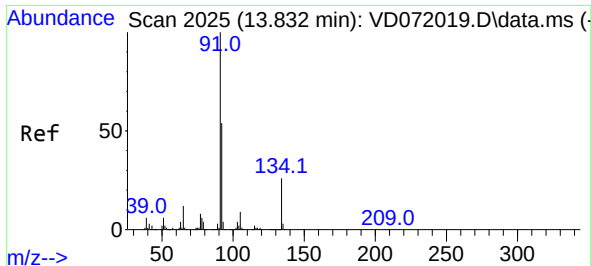
Ion Ratio Lower Upper

146 100

111 39.1 20.1 60.2

148 63.2 32.5 97.5

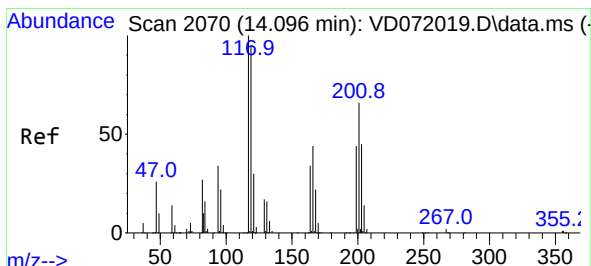
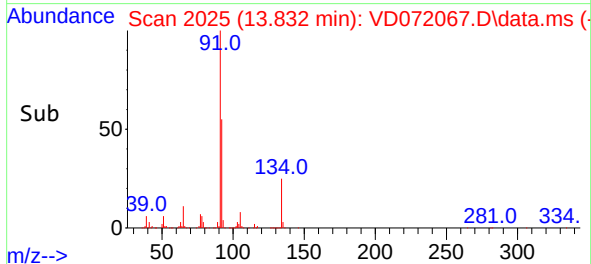
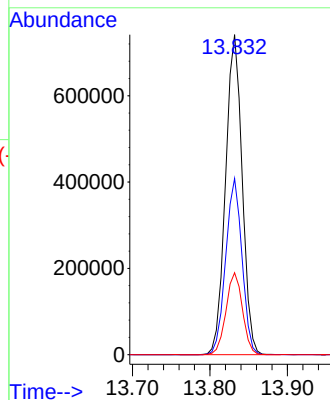
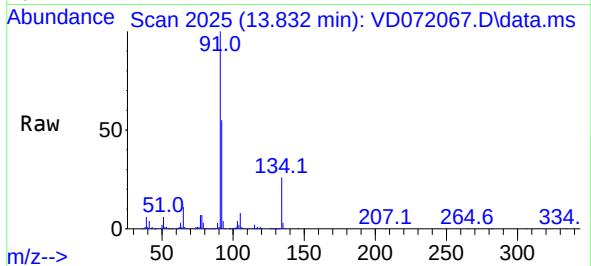




#89
n-Butylbenzene
Concen: 52.376 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

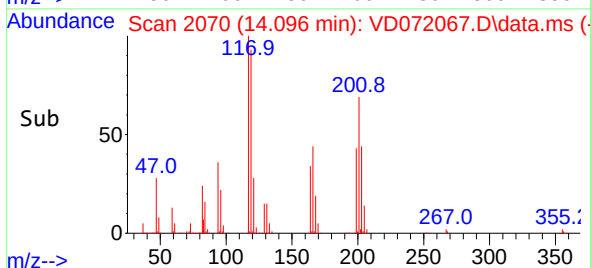
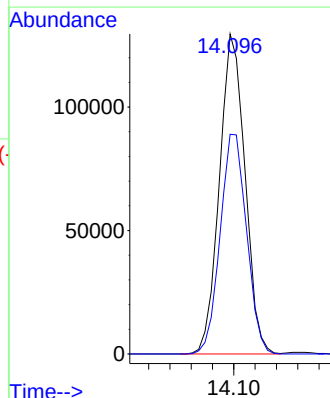
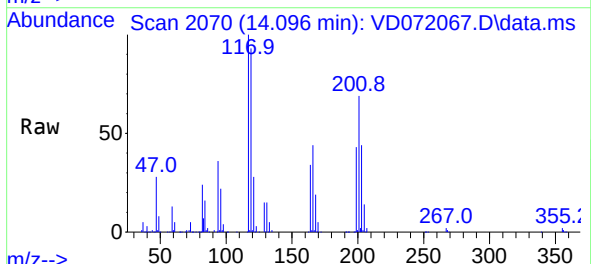
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

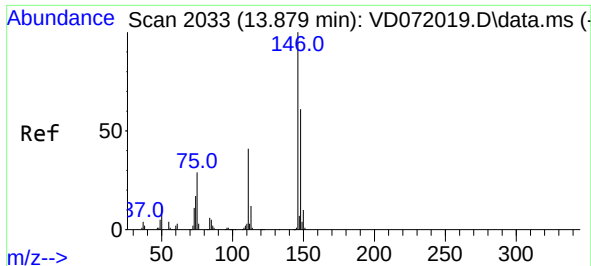
Tgt Ion: 91 Resp: 1108666
Ion Ratio Lower Upper
91 100
92 54.1 27.0 81.0
134 25.4 12.8 38.4



#90
Hexachloroethane
Concen: 48.312 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion: 117 Resp: 215870
Ion Ratio Lower Upper
117 100
201 70.9 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 51.093 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

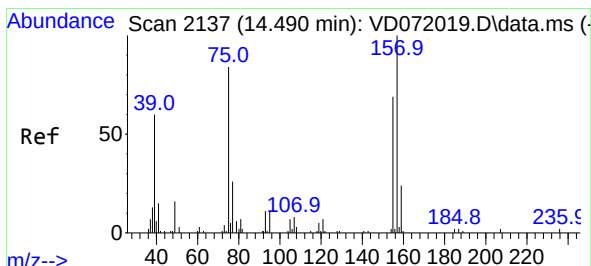
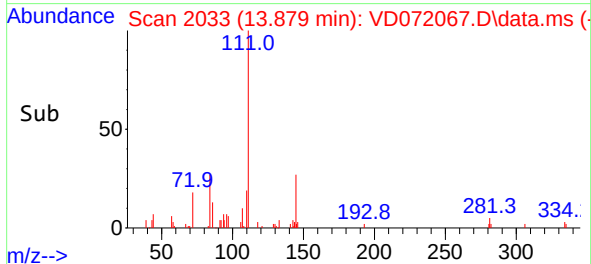
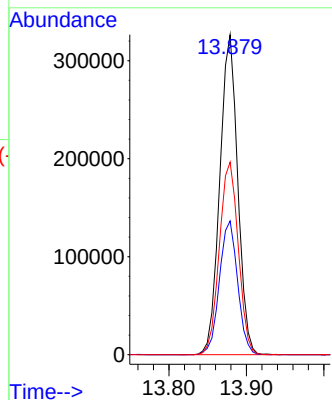
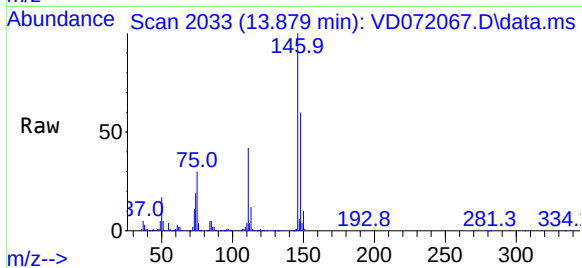
Tgt Ion:146 Resp: 525256

Ion Ratio Lower Upper

146 100

111 42.5 20.8 62.4

148 63.5 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.083 ug/l

RT: 14.491 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD072067.D

Acq: 23 Feb 2022 09:08

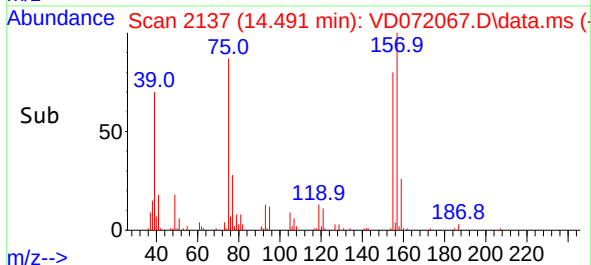
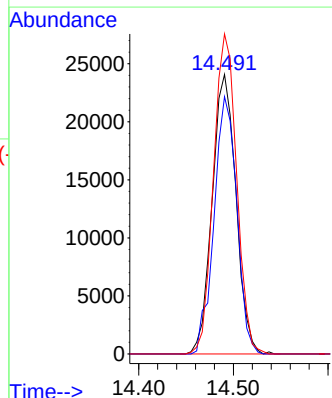
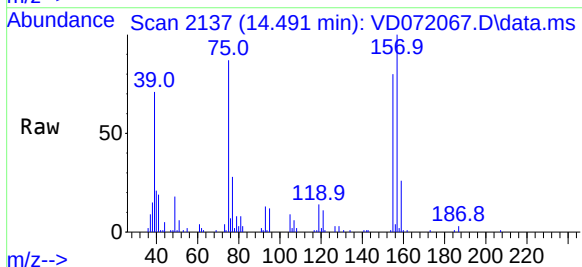
Tgt Ion: 75 Resp: 42015

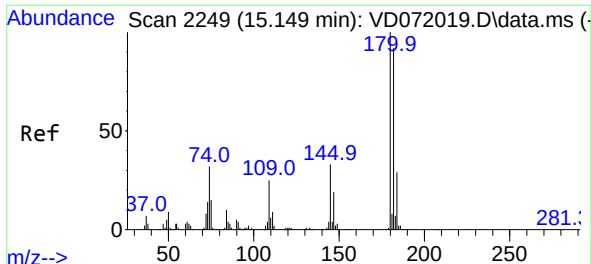
Ion Ratio Lower Upper

75 100

155 88.1 40.5 121.5

157 111.2 53.3 159.9

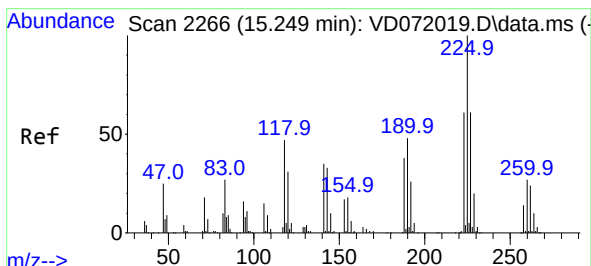
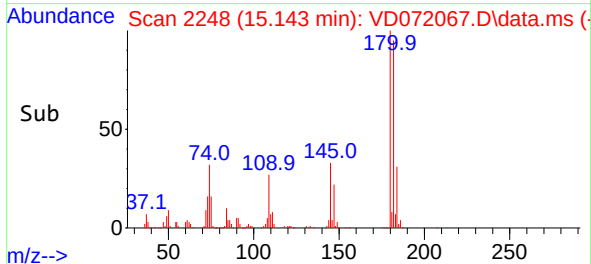
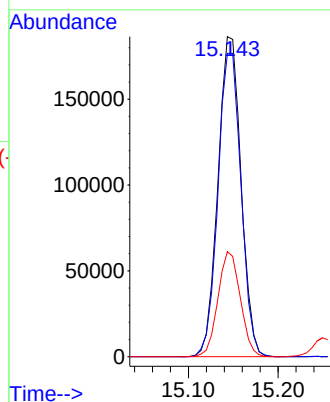
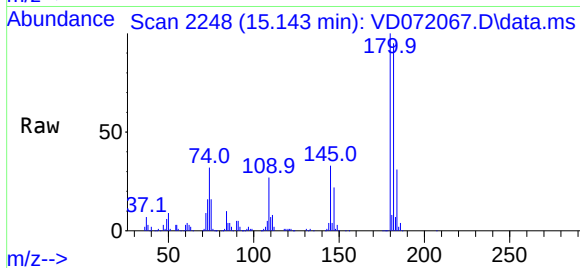




#93
1,2,4-Trichlorobenzene
Concen: 52.649 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

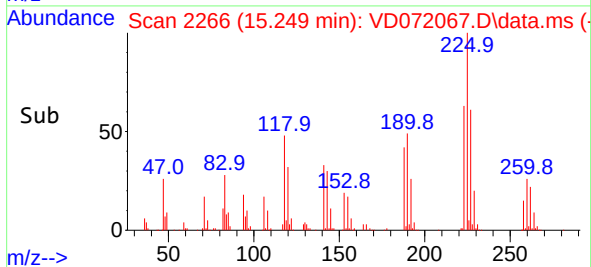
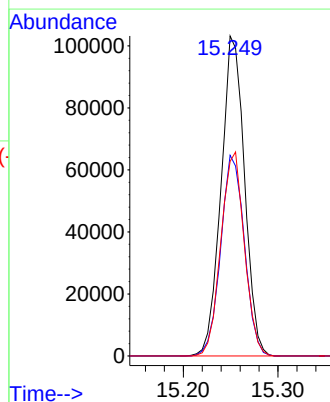
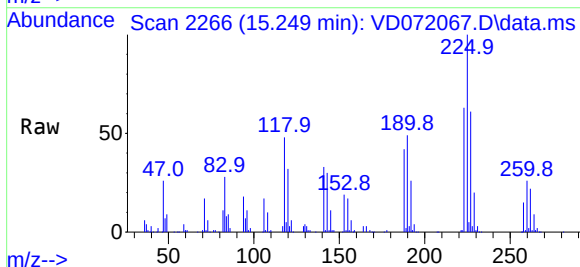
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

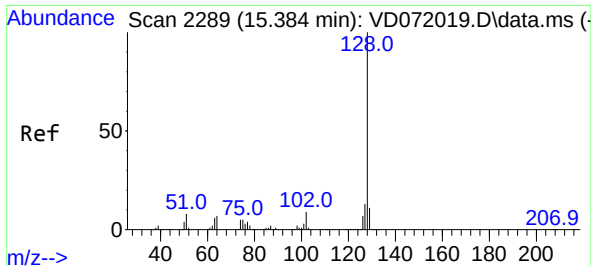
Tgt Ion:180 Resp: 332463
Ion Ratio Lower Upper
180 100
182 95.0 46.4 139.2
145 31.8 15.7 47.1



#94
Hexachlorobutadiene
Concen: 51.138 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion:225 Resp: 177569
Ion Ratio Lower Upper
225 100
223 63.3 30.9 92.7
227 63.7 31.6 95.0

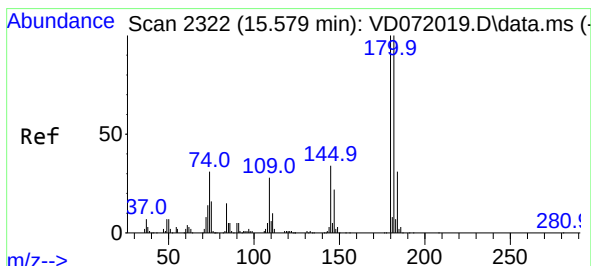
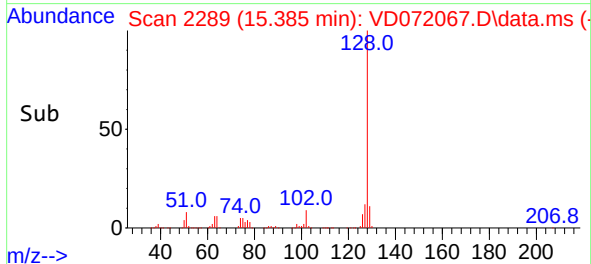
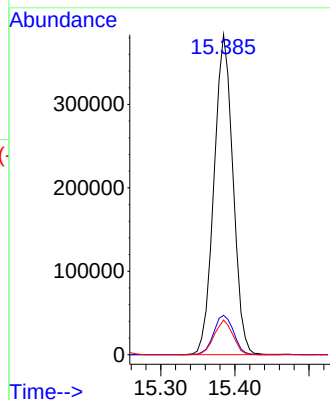
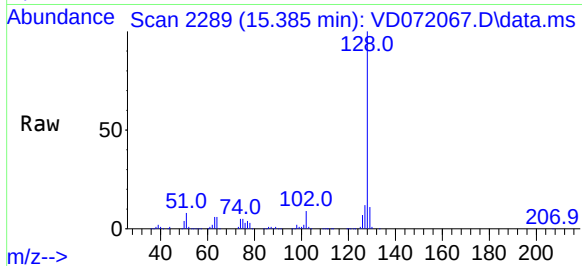




#95
Naphthalene
Concen: 59.460 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 681610
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.047 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072067.D
Acq: 23 Feb 2022 09:08

Tgt Ion:180 Resp: 299828
Ion Ratio Lower Upper
180 100
182 93.7 48.1 144.3
145 33.7 16.7 50.0

