

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120621\
 Data File : VD071172.D
 Acq On : 06 Dec 2021 17:21
 Operator : VA/SY
 Sample : VSTDCCC050EC
 Misc : 6.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 07 06:53:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	392899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	658790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	596265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	289741	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	237520	51.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.040%	
35) Dibromofluoromethane	7.908	113	204876	48.837	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.680%	
50) Toluene-d8	10.332	98	728268	45.618	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.240%	
62) 4-Bromofluorobenzene	12.626	95	281798	50.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.840%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	170150	50.783	ug/l	97
3) Chloromethane	2.209	50	235410	53.109	ug/l	99
4) Vinyl Chloride	2.344	62	251817	50.920	ug/l	100
5) Bromomethane	2.767	94	151668	42.544	ug/l	97
6) Chloroethane	2.920	64	173180	50.915	ug/l	90
7) Trichlorofluoromethane	3.267	101	393893	58.797	ug/l	99
8) Diethyl Ether	3.709	74	113148	62.301	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	219811	55.614	ug/l	97
10) Methyl Iodide	4.297	142	201330	44.382	ug/l	94
11) Tert butyl alcohol	5.209	59	106331	379.582	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	200086	54.857	ug/l	89
13) Acrolein	3.914	56	74162	235.400	ug/l	99
14) Allyl chloride	4.714	41	396934	57.294	ug/l #	78
15) Acrylonitrile	5.420	53	273644	309.814	ug/l	95
16) Acetone	4.156	43	394500	313.355	ug/l #	86
17) Carbon Disulfide	4.403	76	524515	49.116	ug/l	98
18) Methyl Acetate	4.714	43	211307	62.122	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	565838	63.301	ug/l	100
20) Methylene Chloride	4.961	84	262965	57.120	ug/l #	89
21) trans-1,2-Dichloroethene	5.467	96	219794	53.532	ug/l	84
22) Diisopropyl ether	6.361	45	832695	59.990	ug/l	93
23) Vinyl Acetate	6.303	43	2057187	271.442	ug/l	96
24) 1,1-Dichloroethane	6.261	63	445310	55.777	ug/l	99
25) 2-Butanone	7.208	43	405492	282.619	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	381760	52.585	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	254043	54.692	ug/l	90
28) Bromochloromethane	7.544	49	176111	50.786	ug/l	91
29) Tetrahydrofuran	7.561	42	230514	314.885	ug/l	92
30) Chloroform	7.708	83	455595	56.860	ug/l	98
31) Cyclohexane	7.979	56	385406	49.147	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	404776	56.268	ug/l	95
36) 1,1-Dichloropropene	8.108	75	323596	52.555	ug/l	97
37) Ethyl Acetate	7.285	43	163231	61.372	ug/l #	93
38) Carbon Tetrachloride	8.097	117	337622	55.626	ug/l	96
39) Methylcyclohexane	9.355	83	421256	56.882	ug/l	99
40) Benzene	8.350	78	878788	52.544	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	97013	68.980	ug/l #	79
42) 1,2-Dichloroethane	8.420	62	306986	60.132	ug/l	93
43) Isopropyl Acetate	8.450	43	320377	54.248	ug/l #	88
44) Trichloroethene	9.108	130	232007	52.028	ug/l	87
45) 1,2-Dichloropropane	9.379	63	236544	53.780	ug/l	99
46) Dibromomethane	9.473	93	128943	56.506	ug/l	95
47) Bromodichloromethane	9.655	83	338180	56.038	ug/l	99
48) Methyl methacrylate	9.449	41	159624	61.313	ug/l #	76
49) 1,4-Dioxane	9.455	88	29464	1337.592	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	823660	271.609	ug/l	91
52) Toluene	10.397	92	563266	53.080	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	316767	57.091	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	356595	54.106	ug/l #	77
55) 1,1,2-Trichloroethane	10.796	97	190898	63.770	ug/l	96
56) Ethyl methacrylate	10.655	69	238966	54.800	ug/l #	71
57) 1,3-Dichloropropane	10.938	76	304687	57.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	484667	237.925	ug/l	99
59) 2-Hexanone	10.979	43	651664	283.058	ug/l	85
60) Dibromochloromethane	11.132	129	215324	57.875	ug/l	99
61) 1,2-Dibromoethane	11.238	107	164791	57.318	ug/l	99
64) Tetrachloroethene	10.867	164	187667	49.577	ug/l	97
65) Chlorobenzene	11.661	112	590840	53.406	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	225546	55.836	ug/l	97
67) Ethyl Benzene	11.738	91	1153234	55.372	ug/l	99
68) m/p-Xylenes	11.849	106	879380	111.840	ug/l	95
69) o-Xylene	12.173	106	403733	54.632	ug/l	95
70) Styrene	12.185	104	694590	55.768	ug/l	97
71) Bromoform	12.349	173	121511	58.064	ug/l #	100
73) Isopropylbenzene	12.473	105	1117277	53.255	ug/l	98
74) N-amyl acetate	12.279	43	321452	55.284	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.720	83	198083	57.334	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	260315	94.299	ug/l #	1
77) Bromobenzene	12.749	156	235559	51.838	ug/l	95
78) n-propylbenzene	12.808	91	1381426	52.874	ug/l	99
79) 2-Chlorotoluene	12.896	91	777296	53.008	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	965612	55.815	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	56407	48.047	ug/l #	74
82) 4-Chlorotoluene	12.996	91	796863	52.345	ug/l	100
83) tert-Butylbenzene	13.214	119	783723	52.750	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	977685	57.884	ug/l	98
85) sec-Butylbenzene	13.390	105	1202784	53.004	ug/l	99
86) p-Isopropyltoluene	13.502	119	1003164	54.050	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	473698	52.366	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	464380	51.816	ug/l	96
89) n-Butylbenzene	13.832	91	983891	54.304	ug/l	98
90) Hexachloroethane	14.102	117	173660	49.358	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	414194	53.843	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	33391	59.348	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	257374	53.637	ug/l	96
94) Hexachlorobutadiene	15.249	225	136240	50.181	ug/l	99
95) Naphthalene	15.384	128	528823	62.517	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	223887	54.935	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

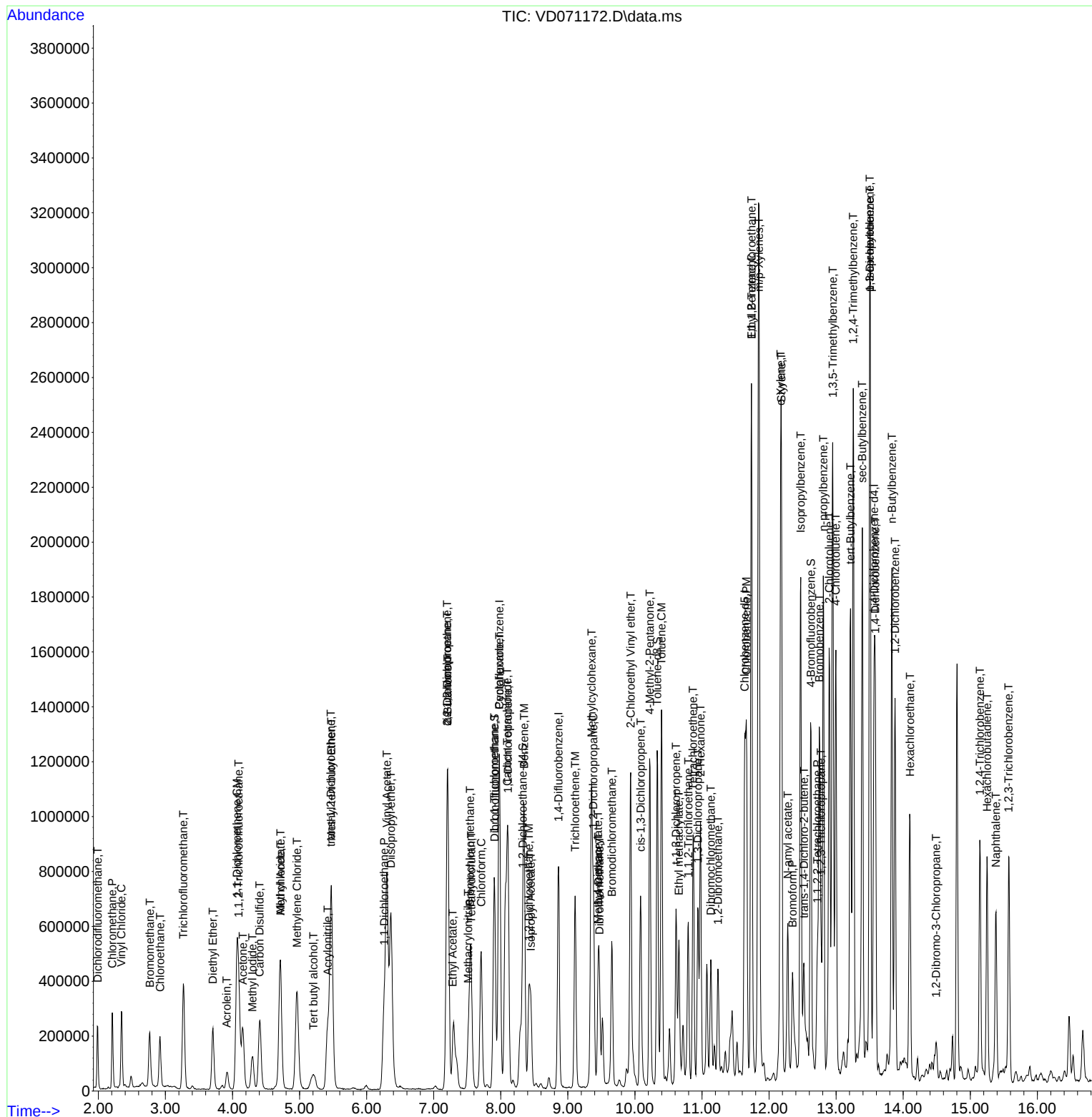
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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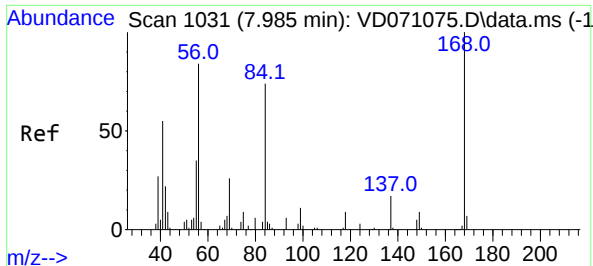
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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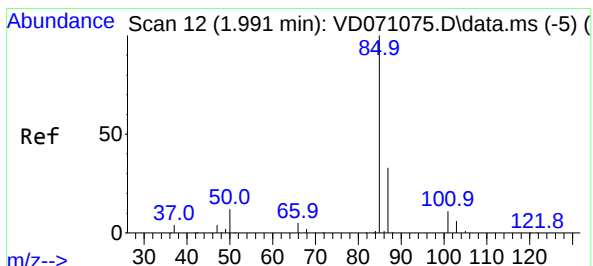
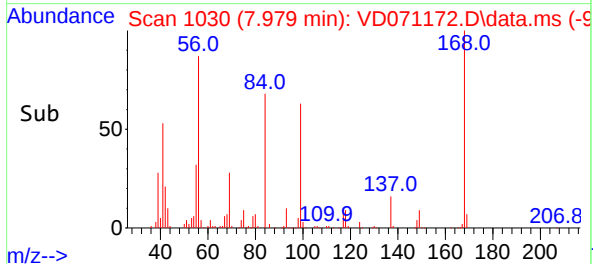
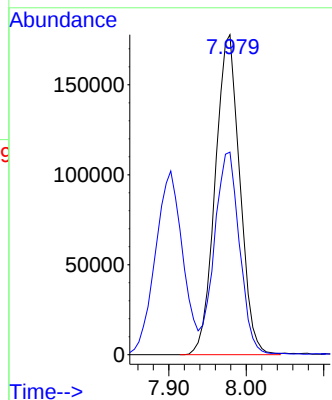
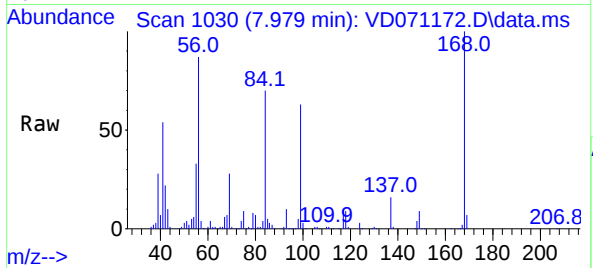




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

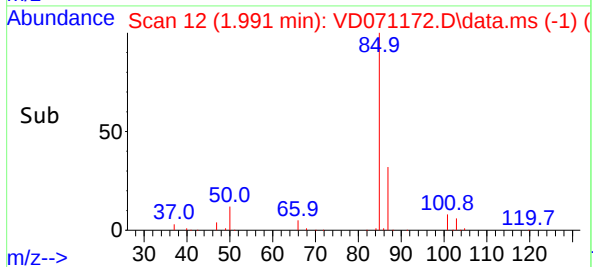
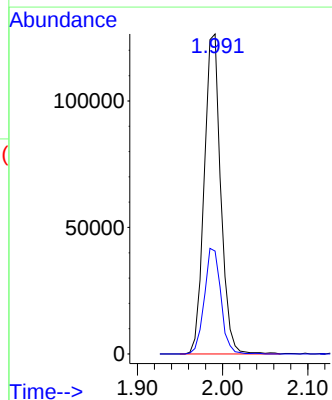
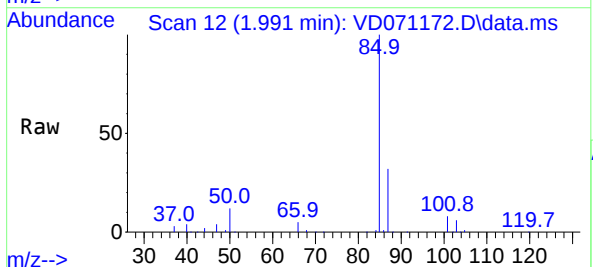
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 392899
Ion Ratio Lower Upper
168 100
99 62.8 46.6 69.8

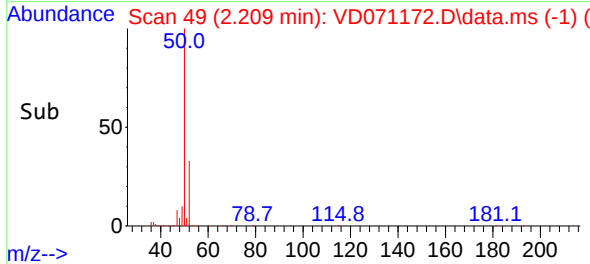
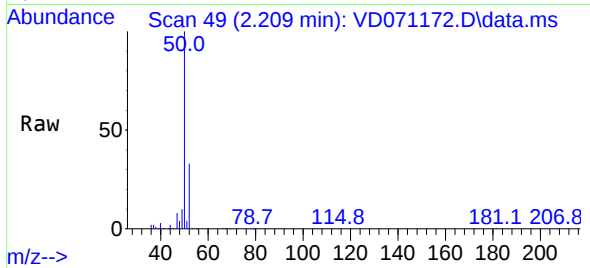
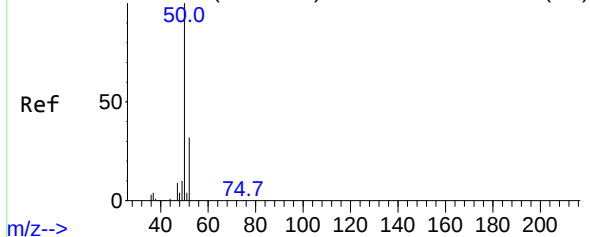


#2
Dichlorodifluoromethane
Concen: 50.783 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 85 Resp: 170150
Ion Ratio Lower Upper
85 100
87 32.2 15.2 45.6



Abundance Scan 50 (2.215 min): VD071075.D\data.ms (-43)



#3

Chloromethane

Concen: 53.109 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.006 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

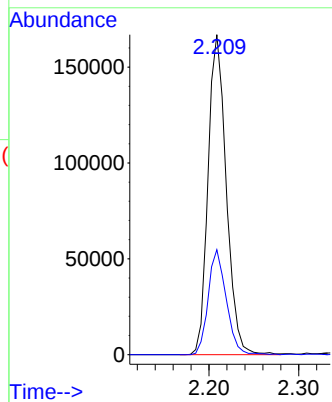
VSTDCCC050EC

Tgt Ion: 50 Resp: 235410

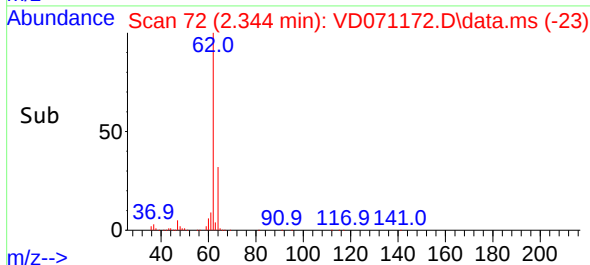
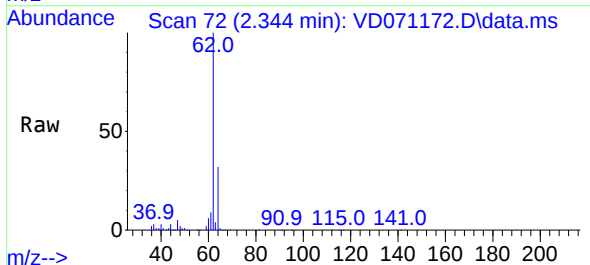
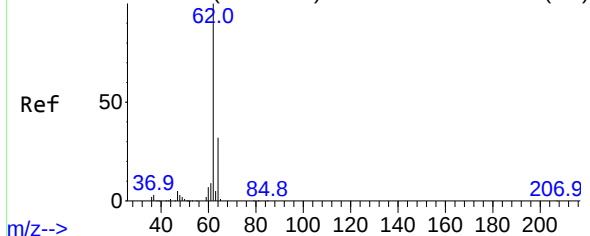
Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.8



Abundance Scan 74 (2.356 min): VD071075.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 50.920 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.012 min

Lab File: VD071172.D

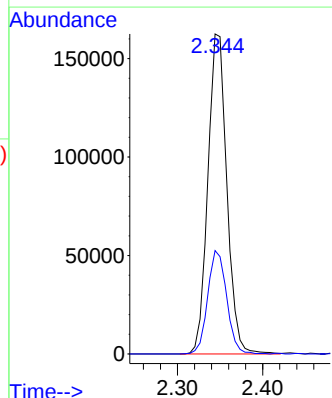
Acq: 06 Dec 2021 17:21

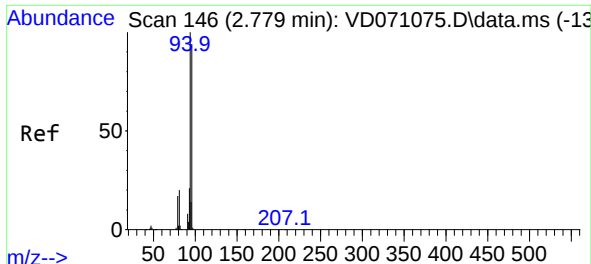
Tgt Ion: 62 Resp: 251817

Ion Ratio Lower Upper

62 100

64 32.3 26.0 39.0

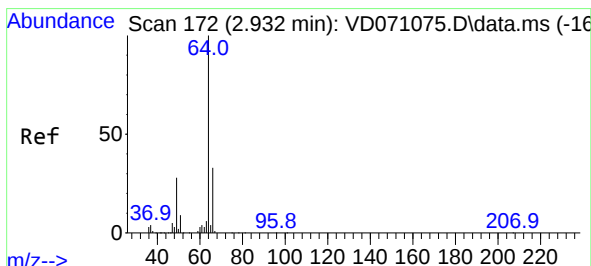
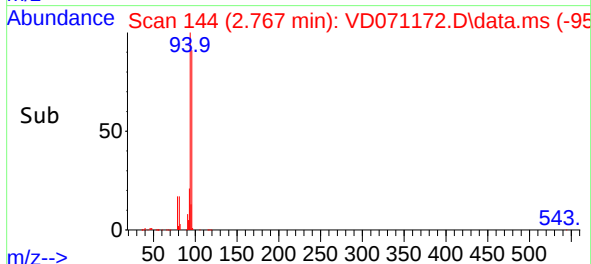
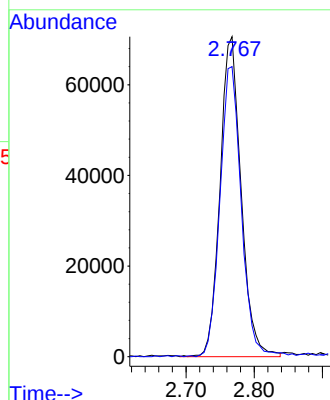
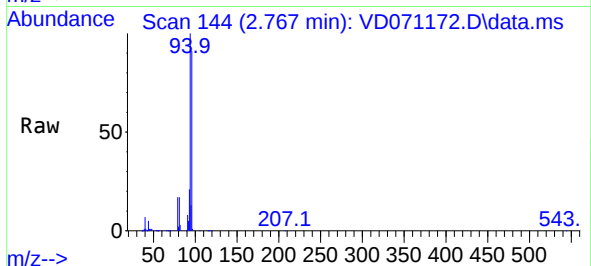




#5
Bromomethane
Concen: 42.544 ug/l
RT: 2.767 min Scan# 146
Delta R.T. -0.012 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

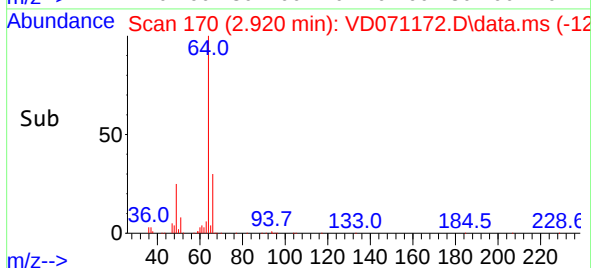
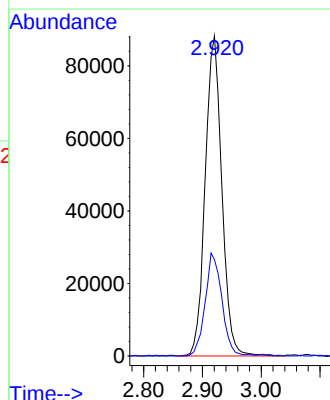
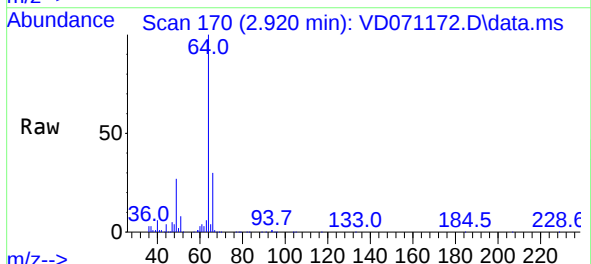
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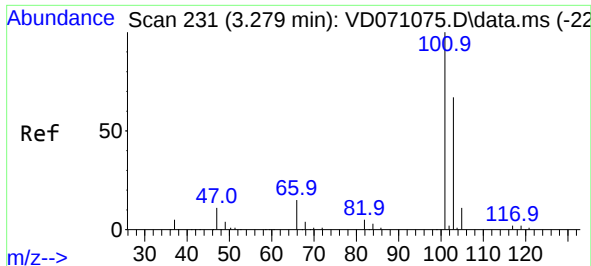
Tgt Ion: 94 Resp: 151668
Ion Ratio Lower Upper
94 100
96 90.4 74.8 112.2



#6
Chloroethane
Concen: 50.915 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.012 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 64 Resp: 173180
Ion Ratio Lower Upper
64 100
66 30.1 29.0 43.4

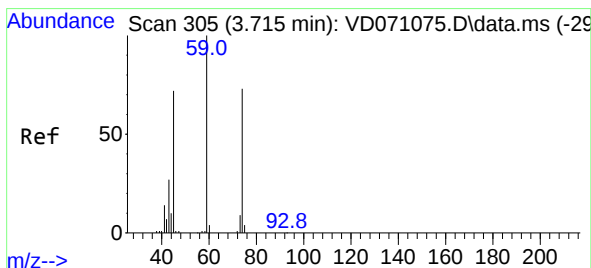
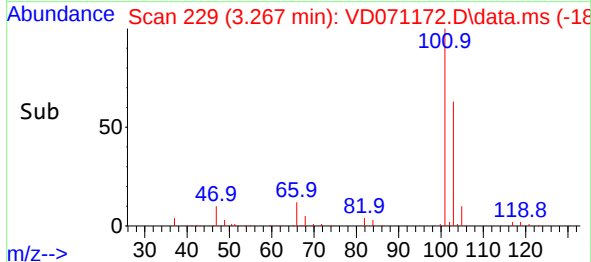
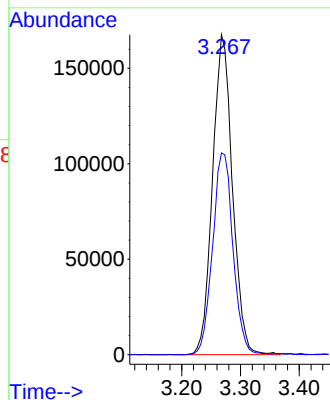
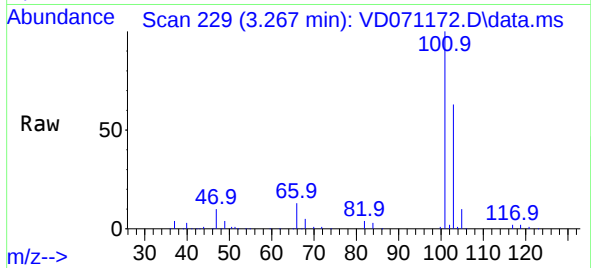




#7
Trichlorofluoromethane
Concen: 58.797 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

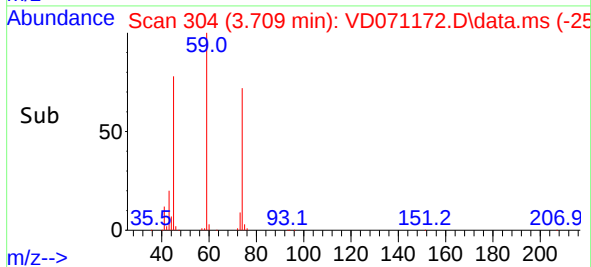
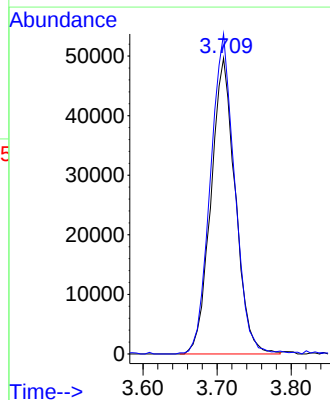
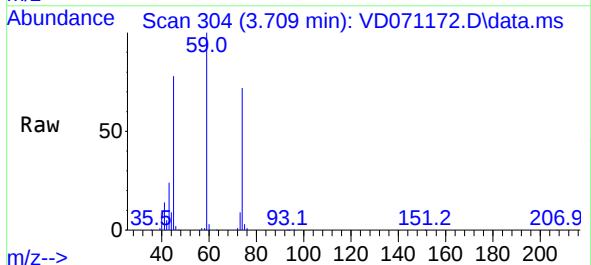
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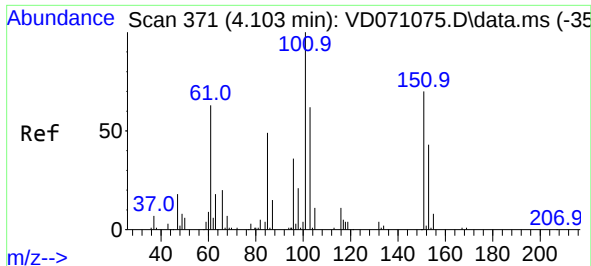
Tgt Ion:101 Resp: 393893
Ion Ratio Lower Upper
101 100
103 63.1 49.7 74.5



#8
Diethyl Ether
Concen: 62.301 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 74 Resp: 113148
Ion Ratio Lower Upper
74 100
45 108.2 49.6 149.0

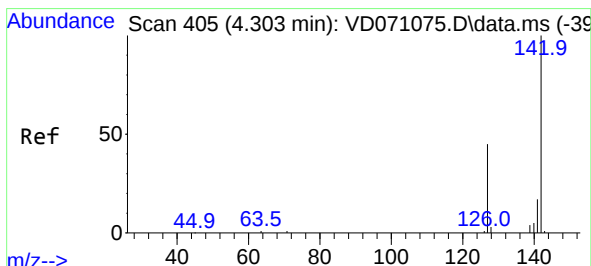
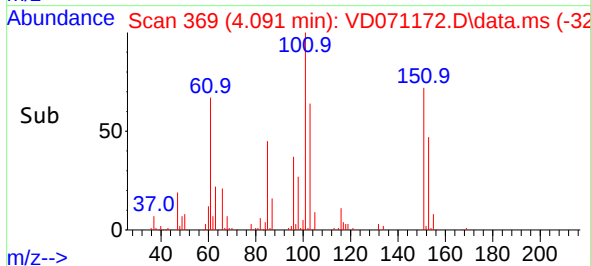
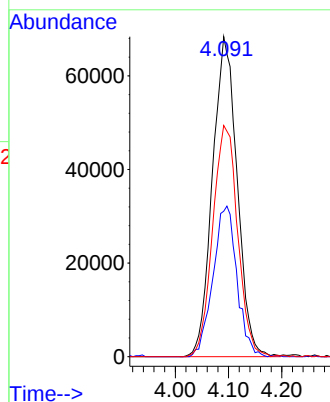
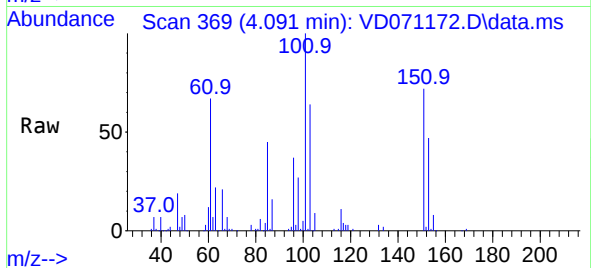




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.614 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

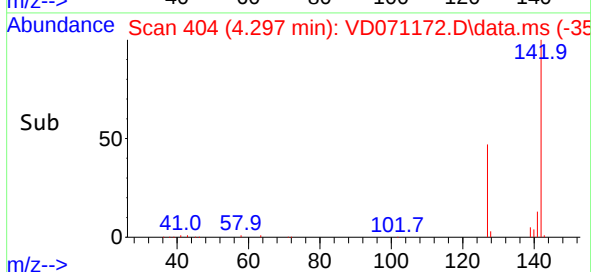
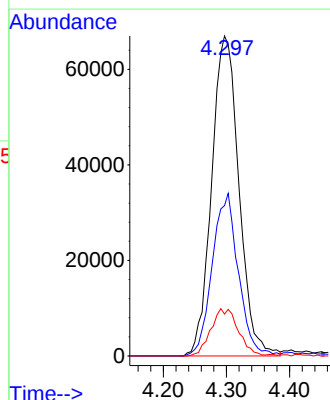
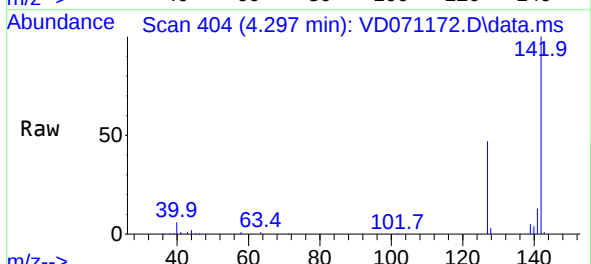
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

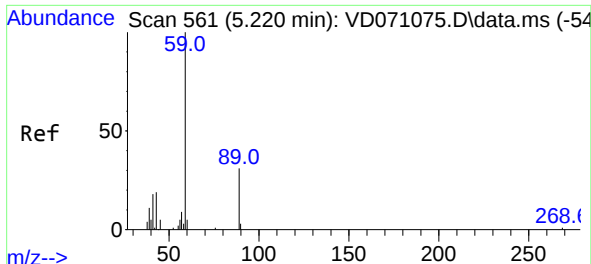
Tgt Ion:101 Resp: 219811
Ion Ratio Lower Upper
101 100
85 45.7 34.8 52.2
151 73.1 60.4 90.6



#10
Methyl Iodide
Concen: 44.382 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion:142 Resp: 201330
Ion Ratio Lower Upper
142 100
127 48.5 35.0 52.4
141 14.8 12.0 18.0

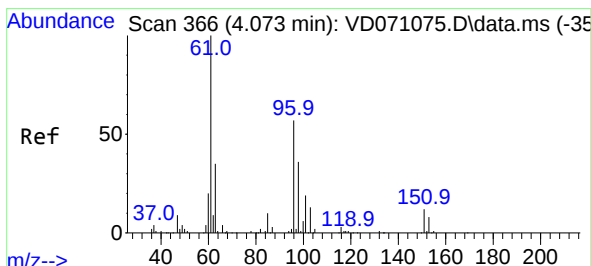
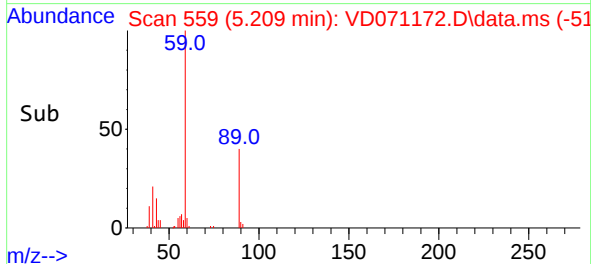
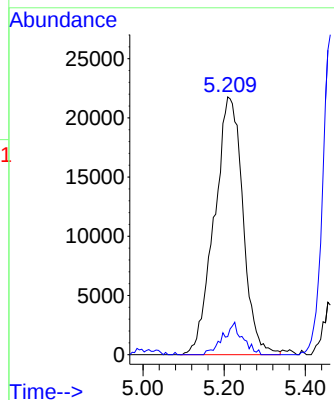
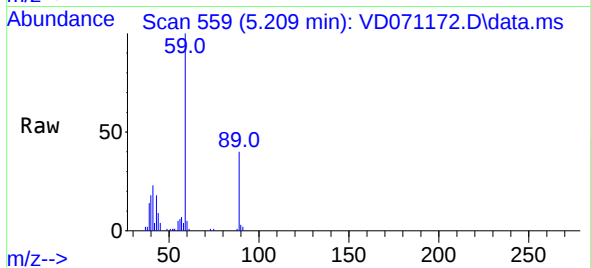




#11
Tert butyl alcohol
Concen: 379.582 ug/l
RT: 5.209 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

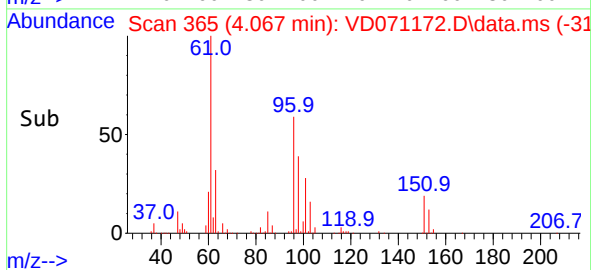
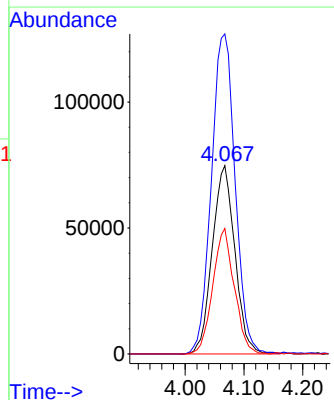
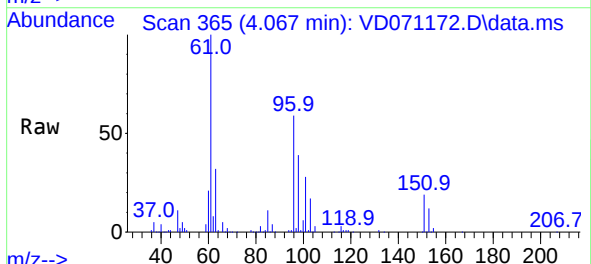
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

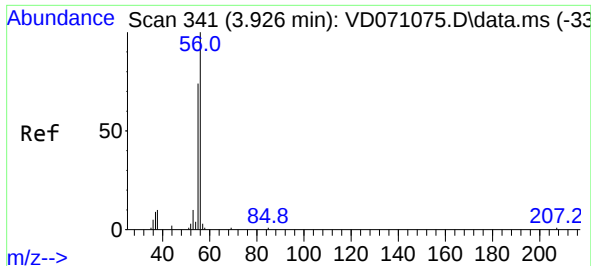
Tgt Ion: 59 Resp: 106331
Ion Ratio Lower Upper
59 100
57 8.6 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 54.857 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 96 Resp: 200086
Ion Ratio Lower Upper
96 100
61 169.9 120.3 180.5
98 66.6 54.4 81.6

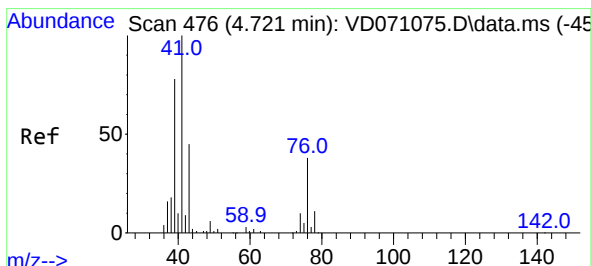
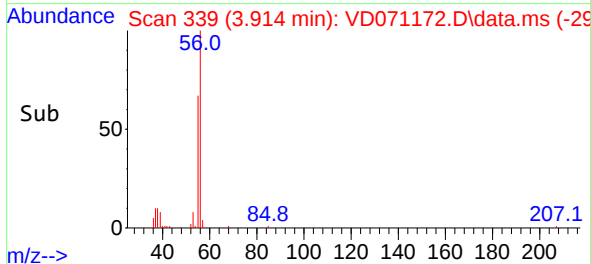
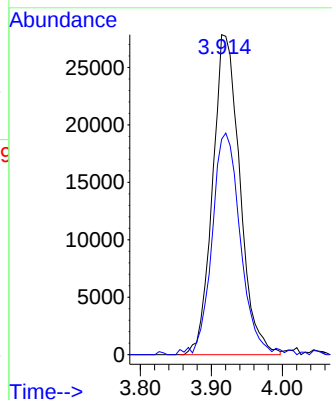
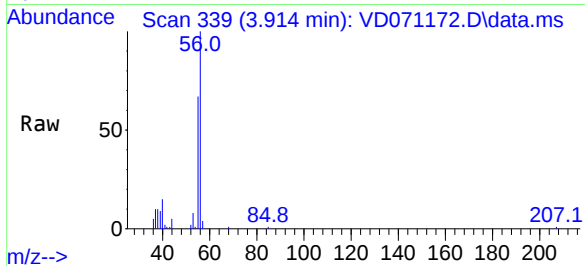




#13
Acrolein
Concen: 235.400 ug/l
RT: 3.914 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

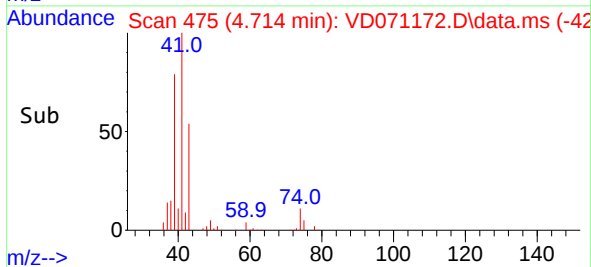
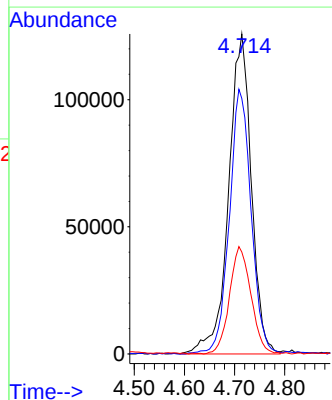
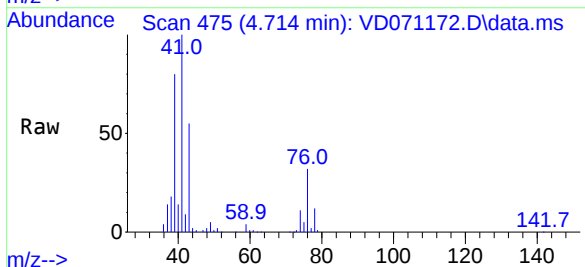
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

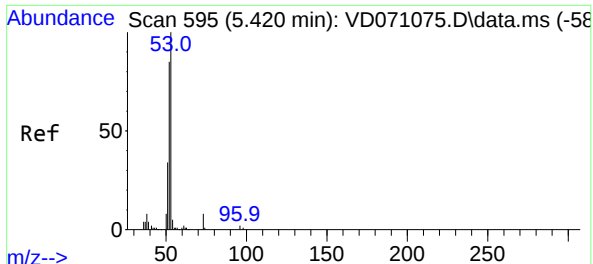
Tgt Ion: 56 Resp: 74162
Ion Ratio Lower Upper
56 100
55 72.1 58.6 87.8



#14
Allyl chloride
Concen: 57.294 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.007 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 41 Resp: 396934
Ion Ratio Lower Upper
41 100
39 79.3 45.6 68.4#
76 31.8 30.2 45.4

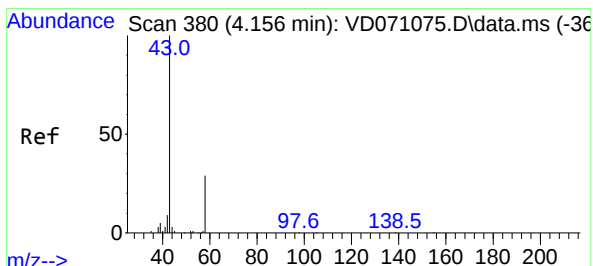
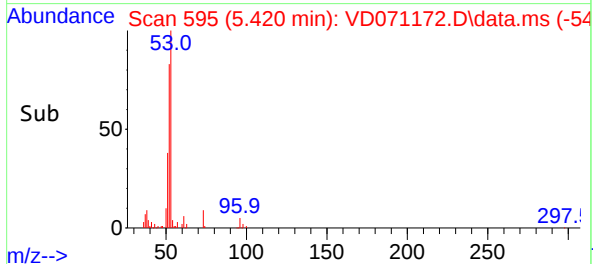
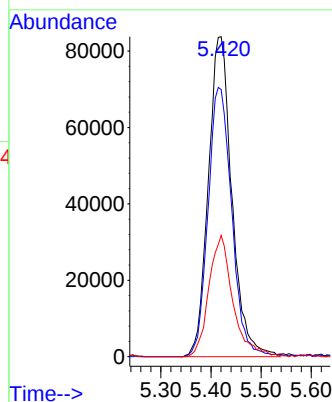
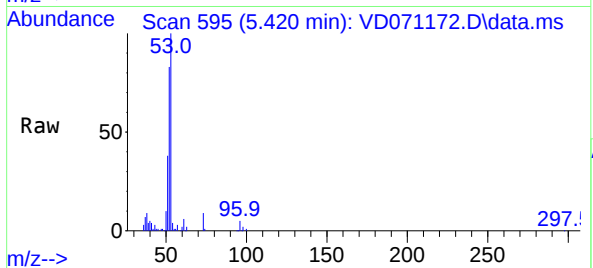




#15
Acrylonitrile
Concen: 309.814 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

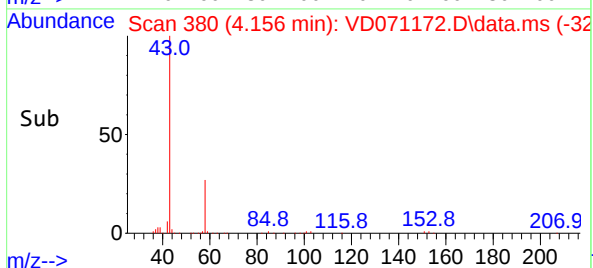
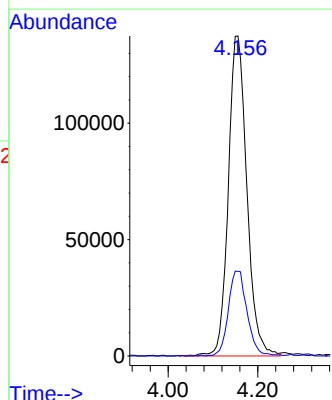
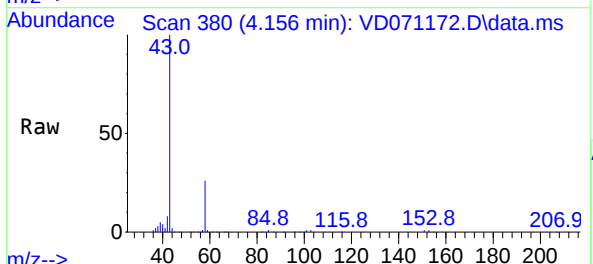
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

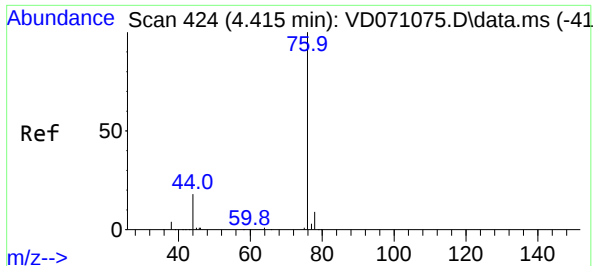
Tgt Ion: 53 Resp: 273644
Ion Ratio Lower Upper
53 100
52 84.7 63.8 95.8
51 38.5 28.5 42.7



#16
Acetone
Concen: 313.355 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 43 Resp: 394500
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#

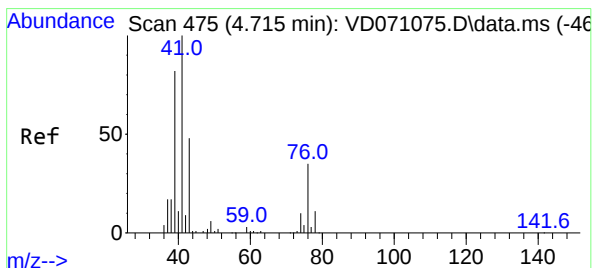
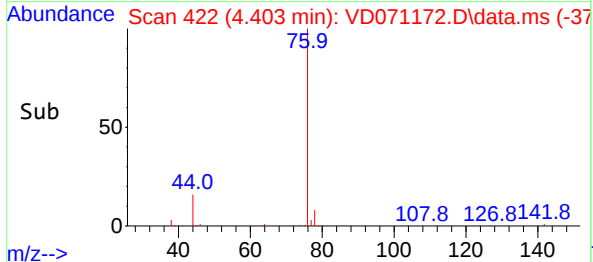
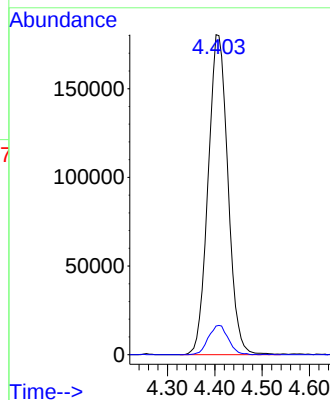
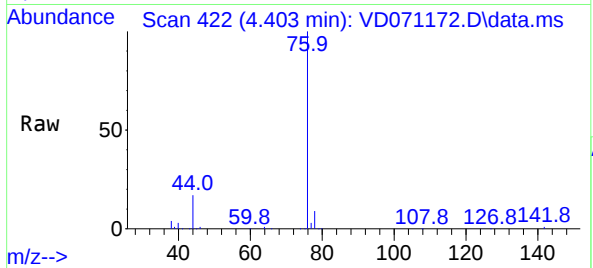




#17
Carbon Disulfide
Concen: 49.116 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

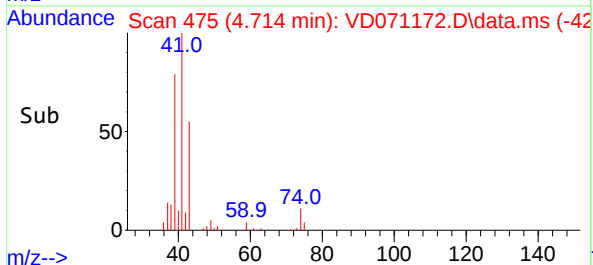
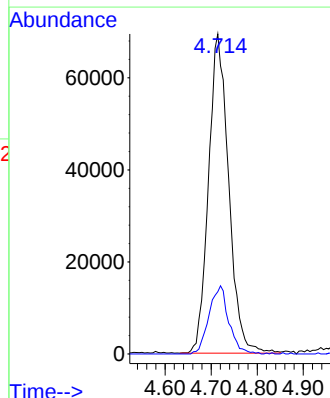
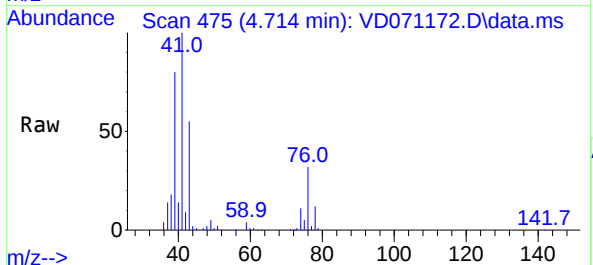
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

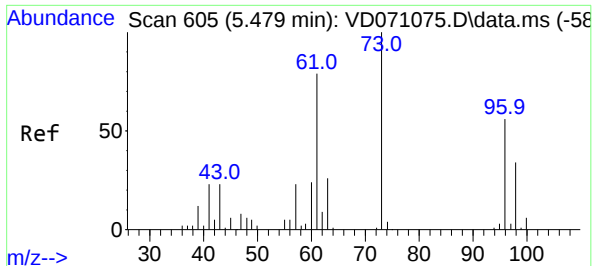
Tgt Ion: 76 Resp: 524515
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8



#18
Methyl Acetate
Concen: 62.122 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 43 Resp: 211307
Ion Ratio Lower Upper
43 100
74 20.9 19.3 28.9

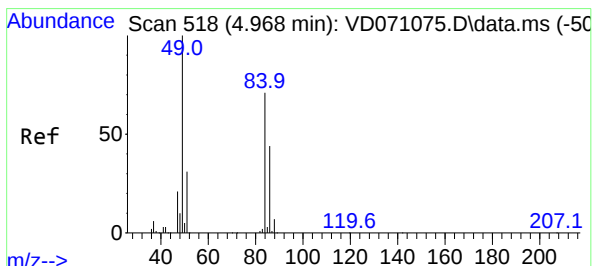
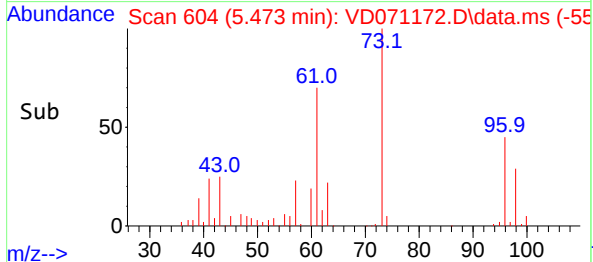
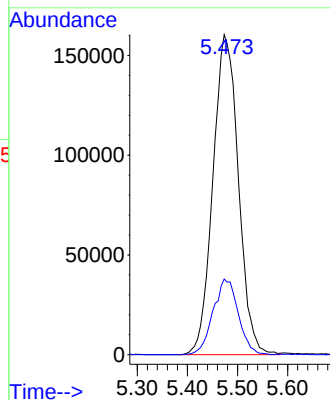
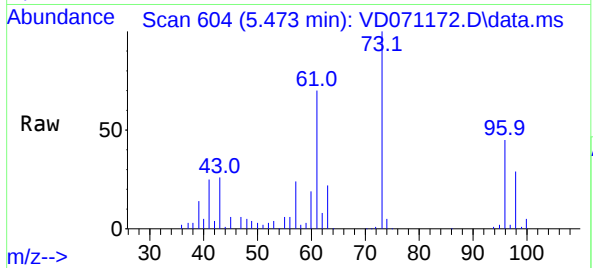




#19
Methyl tert-butyl Ether
Concen: 63.301 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

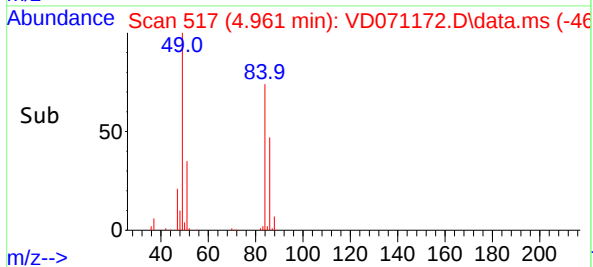
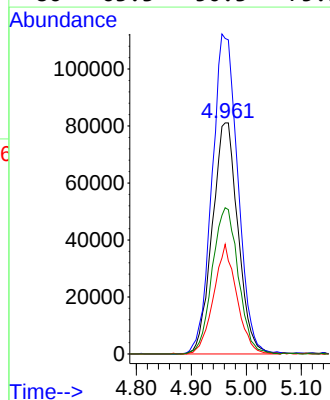
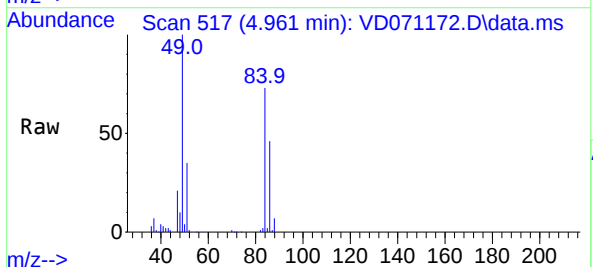
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

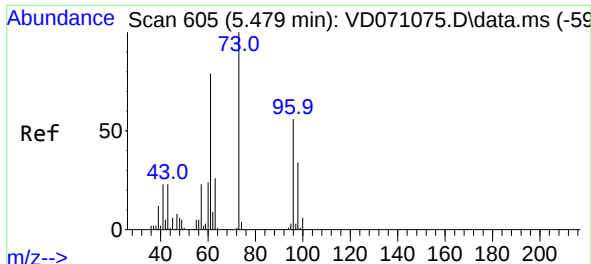
Tgt Ion: 73 Resp: 565838
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3



#20
Methylene Chloride
Concen: 57.120 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.007 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 84 Resp: 262965
Ion Ratio Lower Upper
84 100
49 136.3 95.8 143.6
51 47.4 30.9 46.3#
86 63.3 50.3 75.5

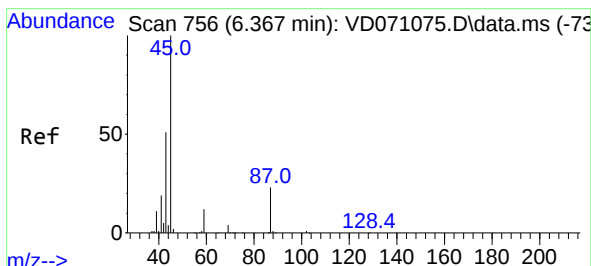
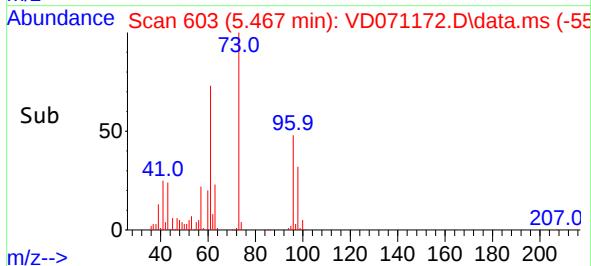
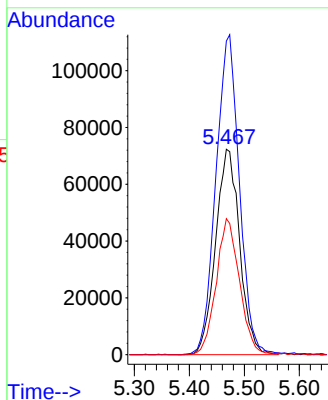
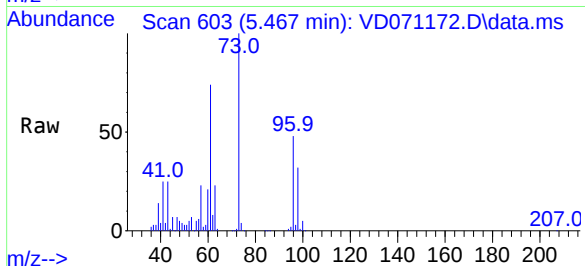




#21
trans-1,2-Dichloroethene
Concen: 53.532 ug/l
RT: 5.467 min Scan# 605
Delta R.T. -0.012 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

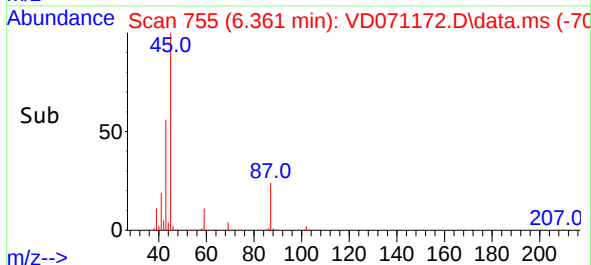
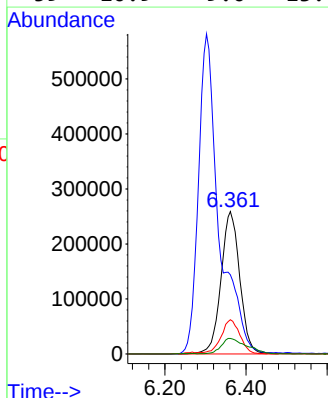
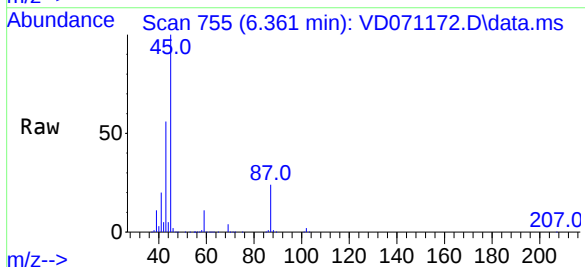
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

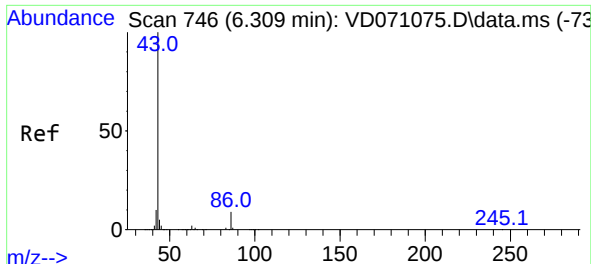
Tgt Ion: 96 Resp: 219794
Ion Ratio Lower Upper
96 100
61 152.6 102.1 153.1
98 66.2 50.1 75.1



#22
Diisopropyl ether
Concen: 59.990 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 45 Resp: 832695
Ion Ratio Lower Upper
45 100
43 55.5 39.6 59.4
87 24.0 21.2 31.8
59 10.9 9.0 13.6



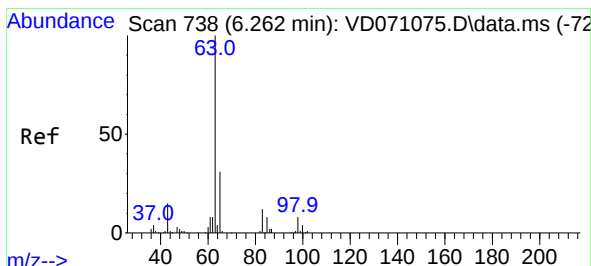
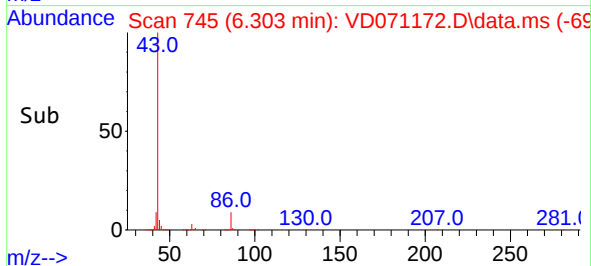
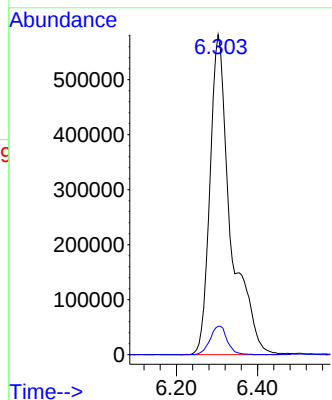
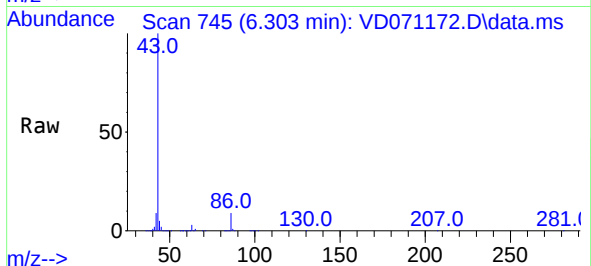


#23
 Vinyl Acetate
 Concen: 271.442 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071172.D
 Acq: 06 Dec 2021 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2057187

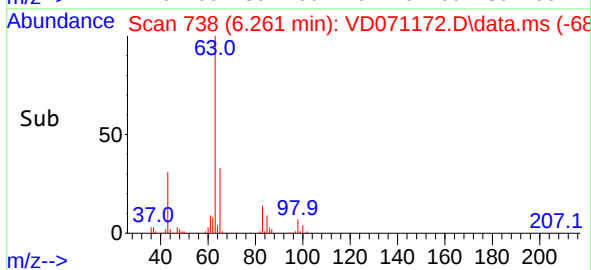
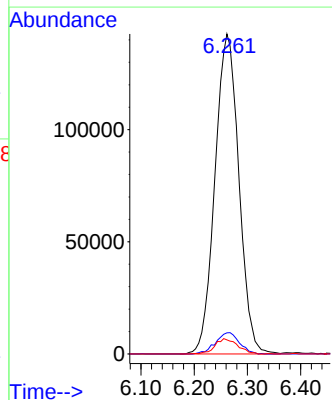
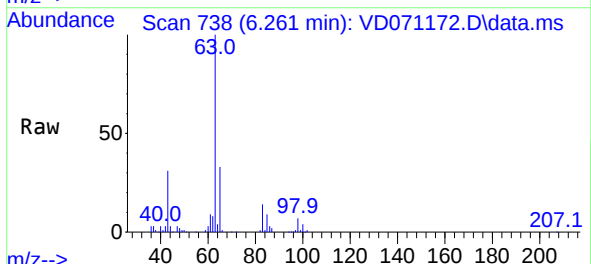
Ion	Ratio	Lower	Upper
43	100		
86	8.8	8.2	12.4

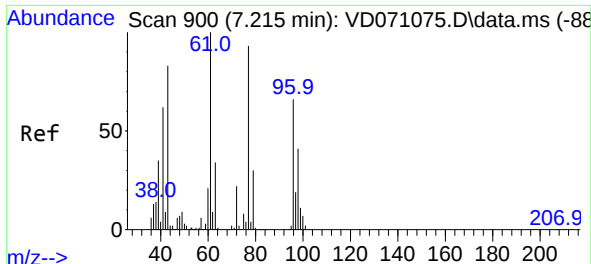


#24
 1,1-Dichloroethane
 Concen: 55.777 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.001 min
 Lab File: VD071172.D
 Acq: 06 Dec 2021 17:21

Tgt Ion: 63 Resp: 445310

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.5	10.6
100	4.4	2.1	6.3

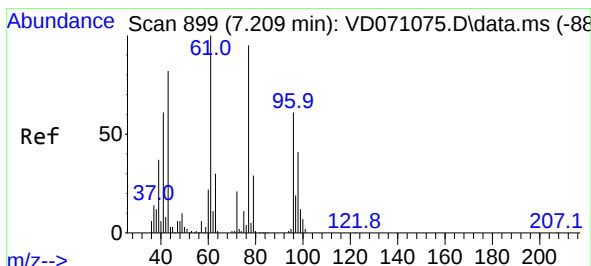
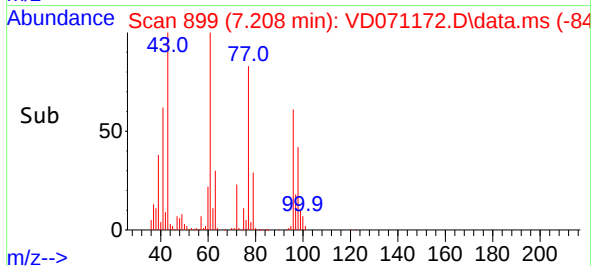
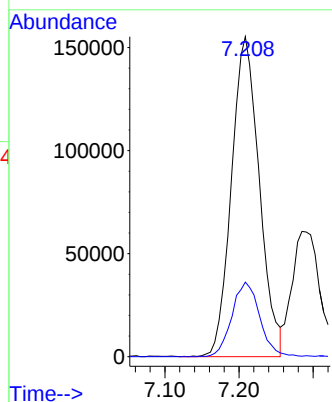
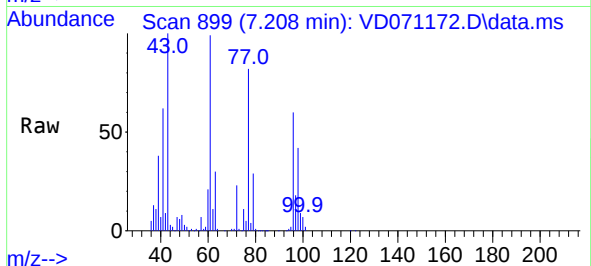




#25
2-Butanone
Concen: 282.619 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.007 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

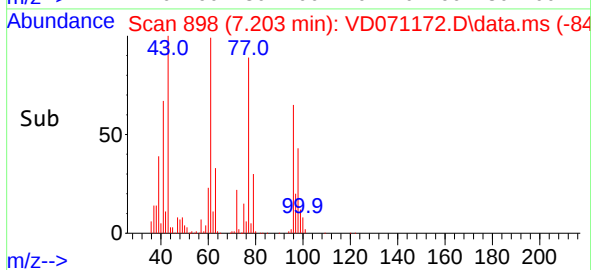
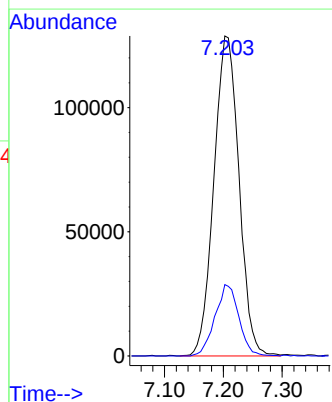
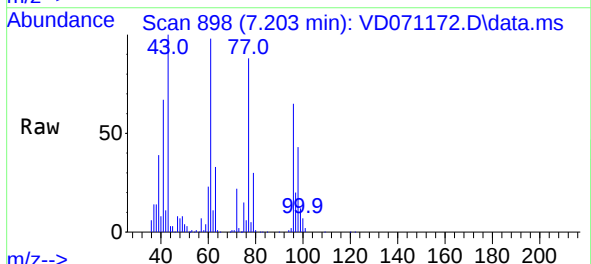
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

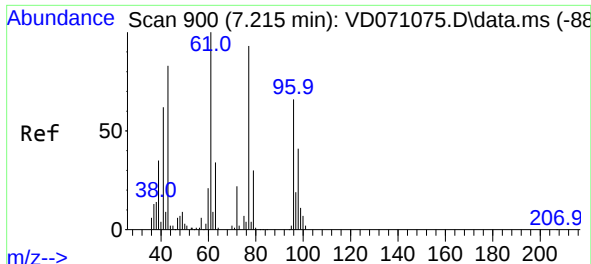
Tgt Ion: 43 Resp: 405492
Ion Ratio Lower Upper
43 100
72 23.3 23.8 35.6#



#26
2,2-Dichloropropane
Concen: 52.585 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 77 Resp: 381760
Ion Ratio Lower Upper
77 100
97 21.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 54.692 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.012 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

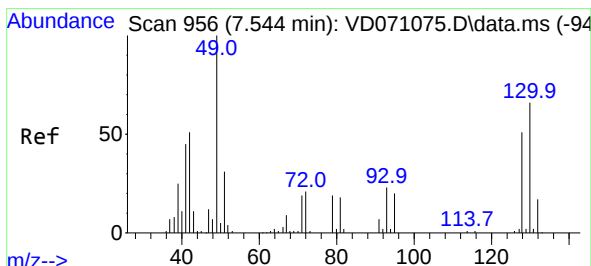
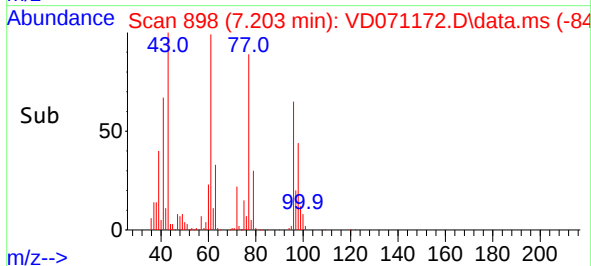
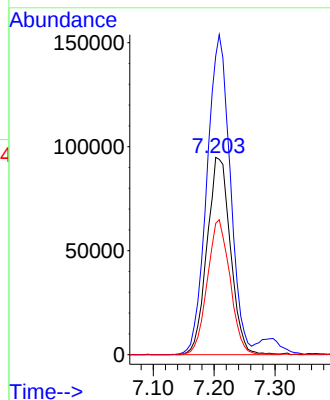
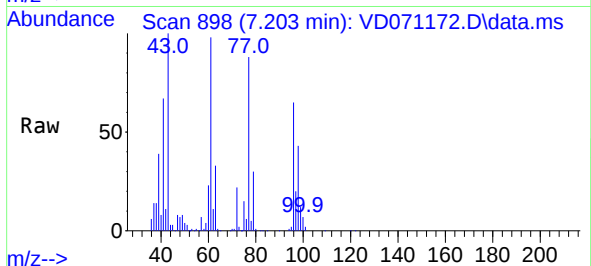
Tgt Ion: 96 Resp: 254043

Ion Ratio Lower Upper

96 100

61 161.2 0.0 288.6

98 66.1 0.0 129.2



#28

Bromochloromethane

Concen: 50.786 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

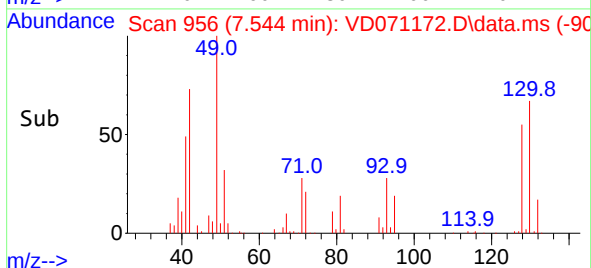
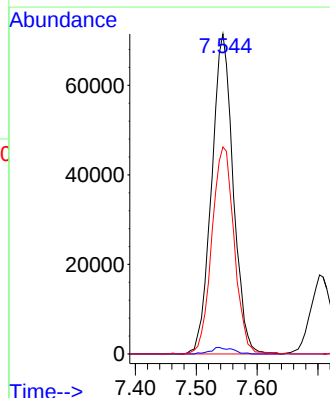
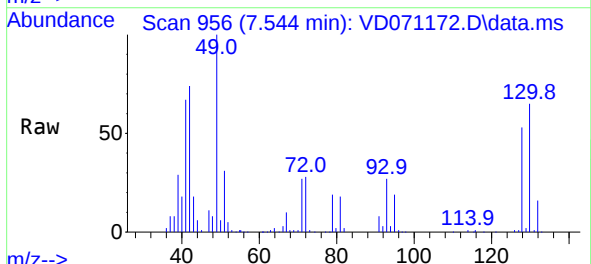
Tgt Ion: 49 Resp: 176111

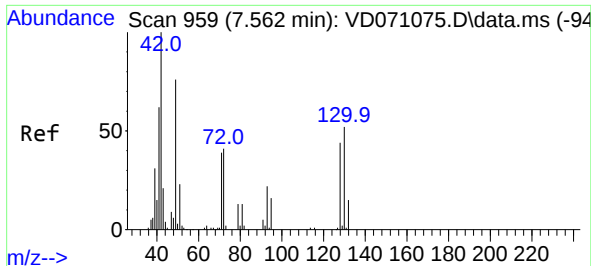
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 67.0 60.2 90.2

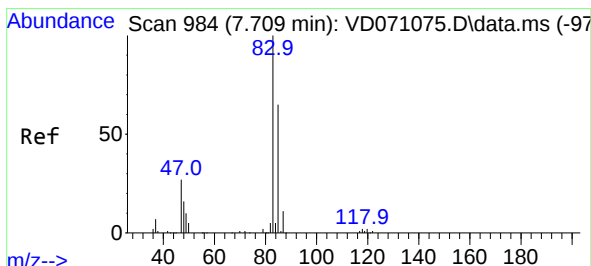
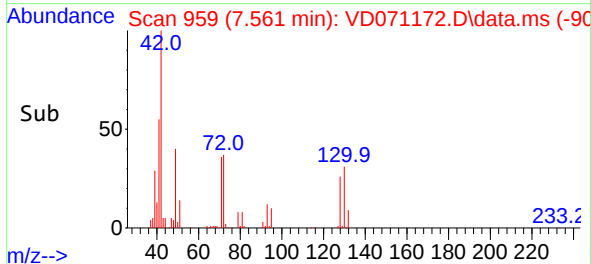
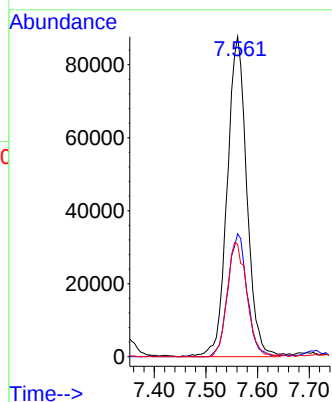
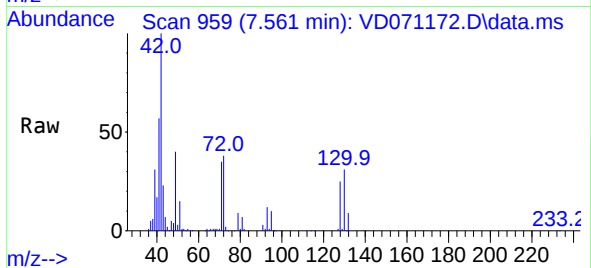




#29
Tetrahydrofuran
Concen: 314.885 ug/l
RT: 7.561 min Scan# 914
Delta R.T. -0.001 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

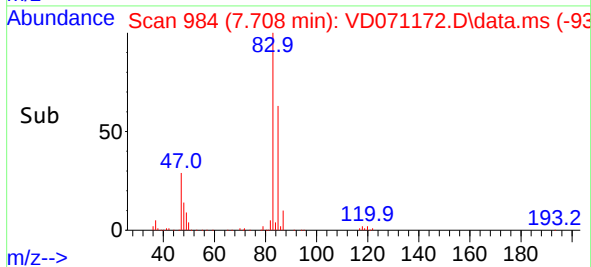
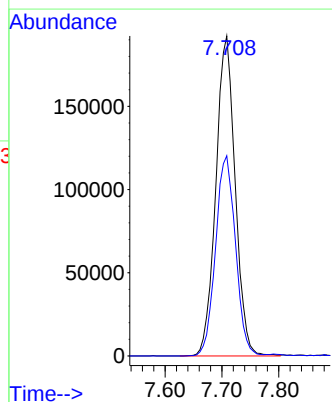
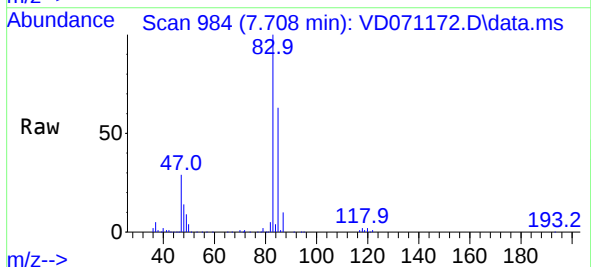
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

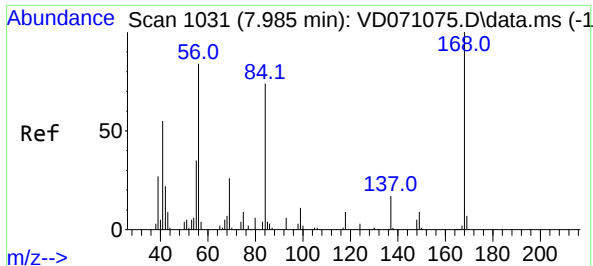
Tgt Ion: 42 Resp: 230514
Ion Ratio Lower Upper
42 100
72 37.7 33.7 50.5
71 35.8 32.7 49.1



#30
Chloroform
Concen: 56.860 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.001 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 83 Resp: 455595
Ion Ratio Lower Upper
83 100
85 62.6 51.0 76.6





#31

Cyclohexane

Concen: 49.147 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

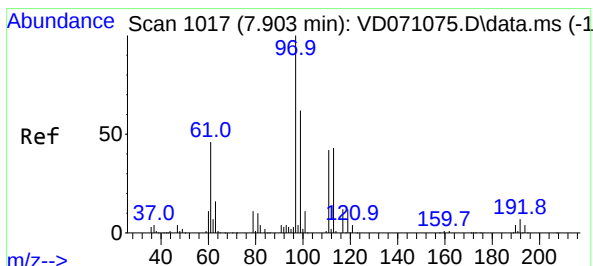
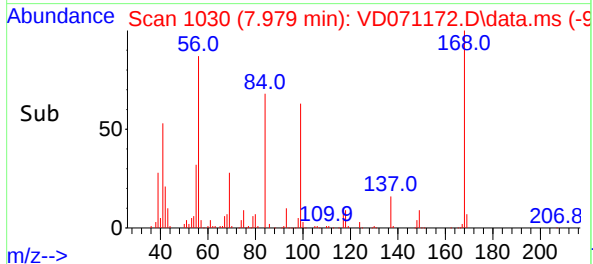
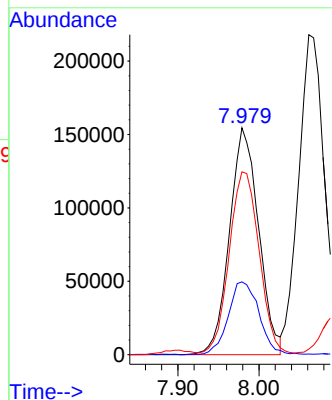
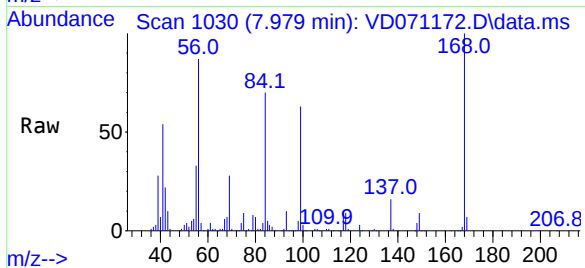
Tgt Ion: 56 Resp: 385406

Ion Ratio Lower Upper

56 100

69 32.1 25.9 38.9

84 78.6 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 56.268 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

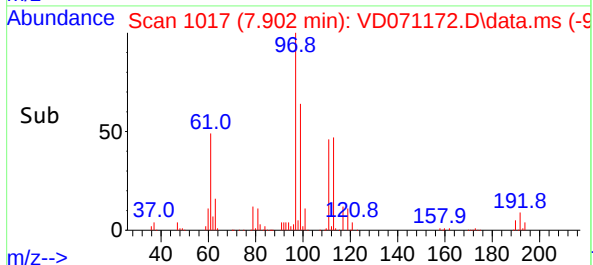
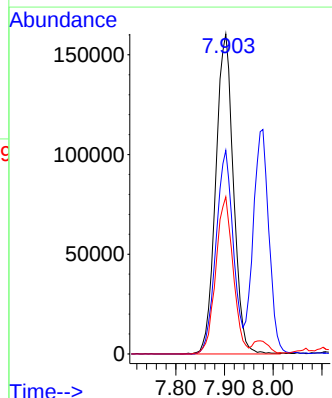
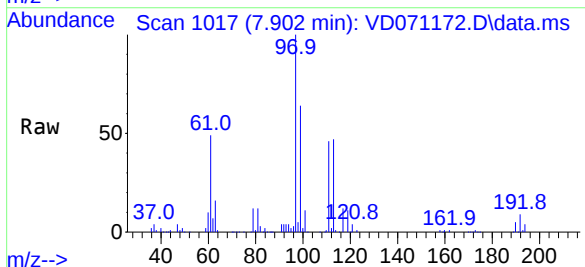
Tgt Ion: 97 Resp: 404776

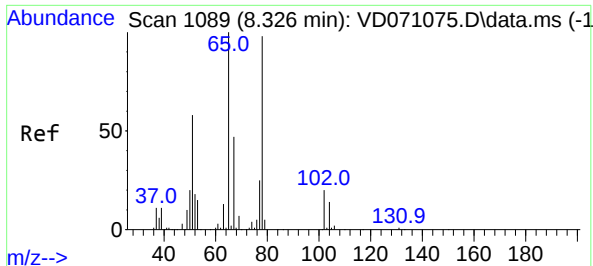
Ion Ratio Lower Upper

97 100

99 62.1 50.3 75.5

61 48.1 33.0 49.4

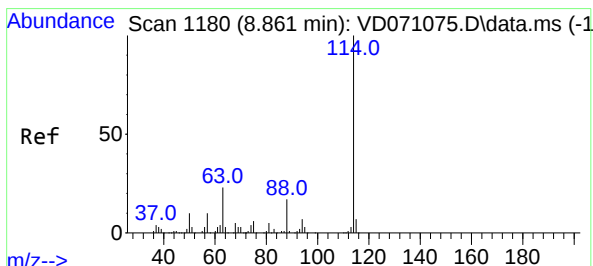
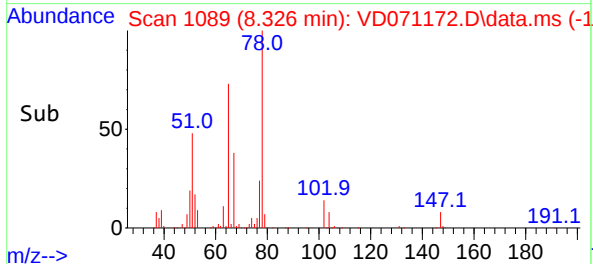
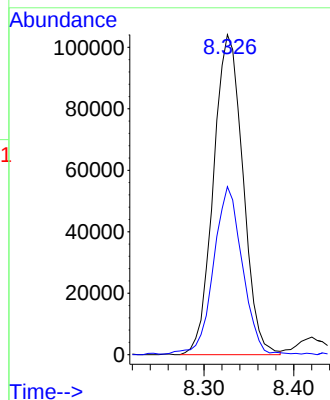
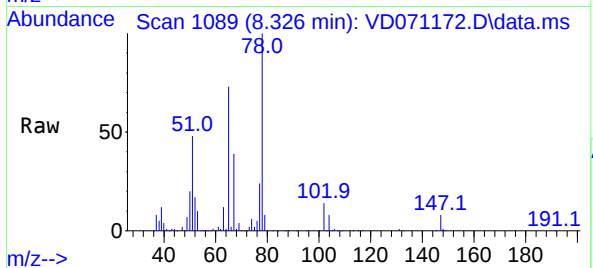




#33
1,2-Dichloroethane-d4
Concen: 51.520 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

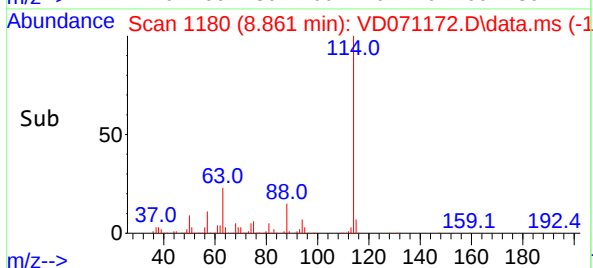
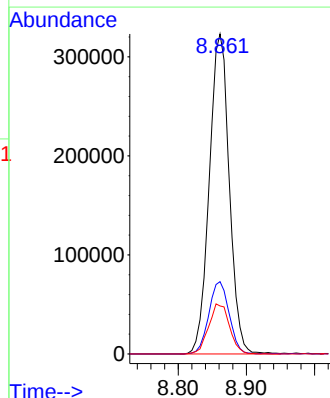
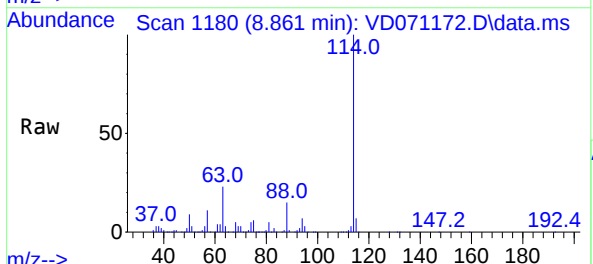
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

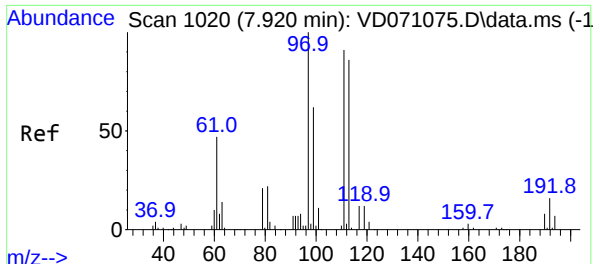
Tgt Ion: 65 Resp: 237520
Ion Ratio Lower Upper
65 100
67 51.6 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 114 Resp: 658790
Ion Ratio Lower Upper
114 100
63 22.6 0.0 41.8
88 15.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.837 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

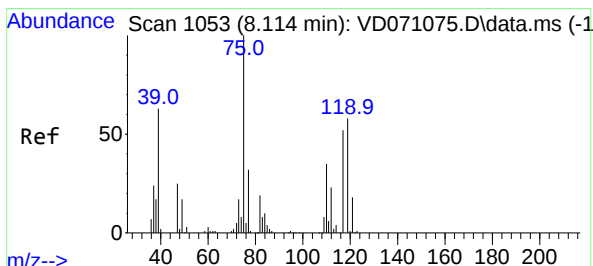
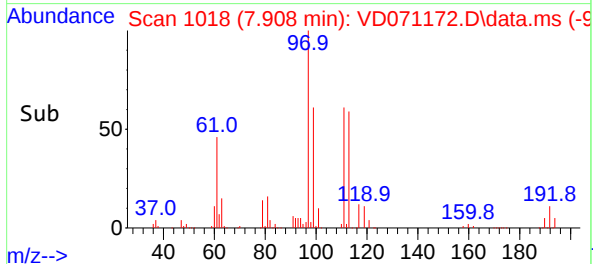
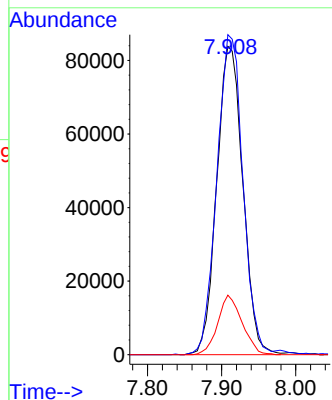
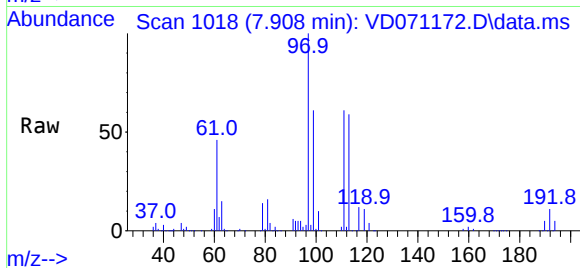
Tgt Ion:113 Resp: 204876

Ion Ratio Lower Upper

113 100

111 104.6 82.0 123.0

192 18.1 15.2 22.8



#36

1,1-Dichloropropene

Concen: 52.555 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

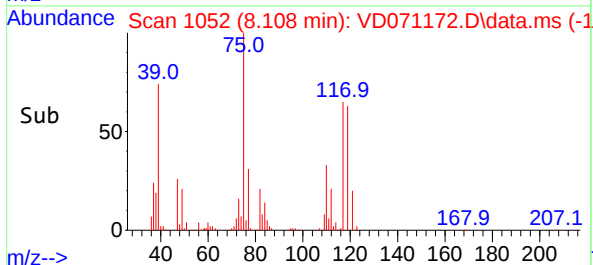
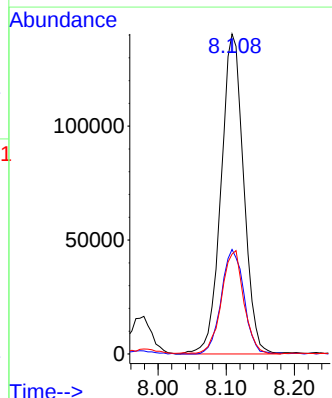
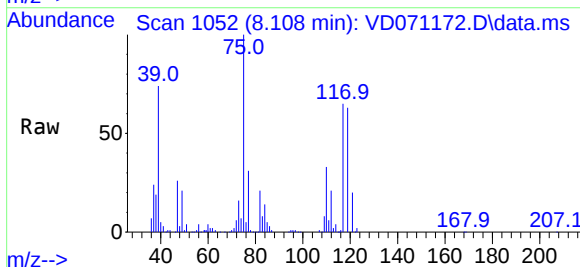
Tgt Ion: 75 Resp: 323596

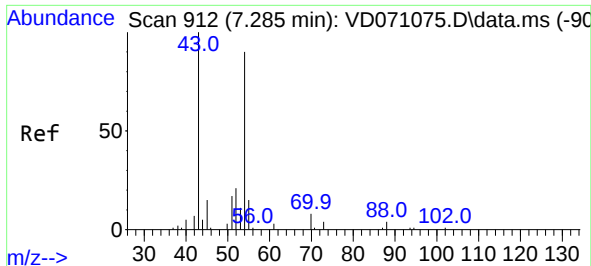
Ion Ratio Lower Upper

75 100

110 32.9 17.8 53.4

77 32.0 24.8 37.2





#37

Ethyl Acetate

Concen: 61.372 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Instrument :

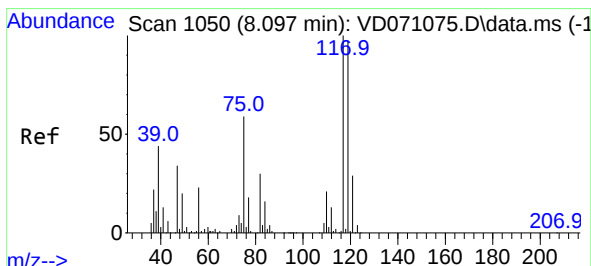
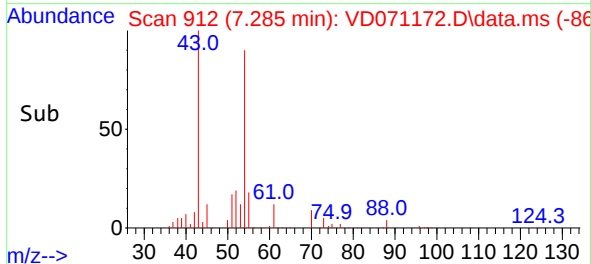
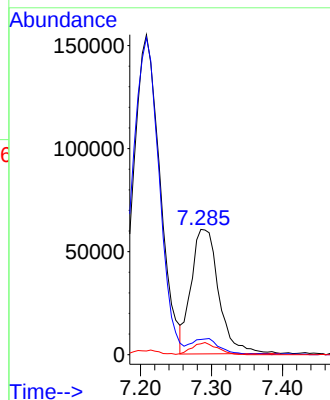
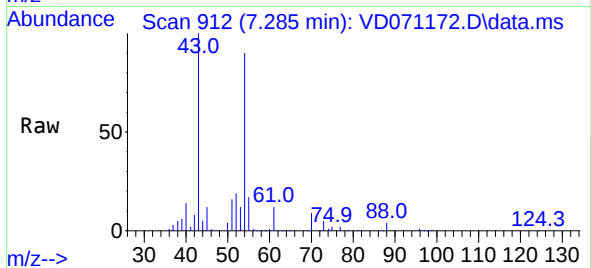
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 163231

Ion	Ratio	Lower	Upper
43	100		
61	12.8	13.0	19.6#
70	8.9	8.7	13.1



#38

Carbon Tetrachloride

Concen: 55.626 ug/l

RT: 8.097 min Scan# 1050

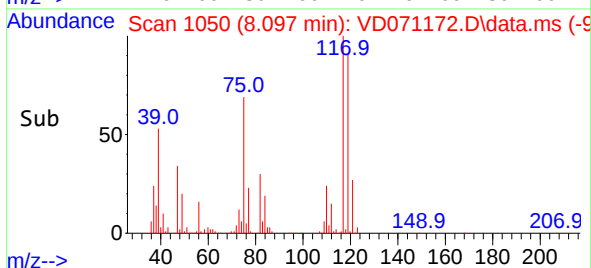
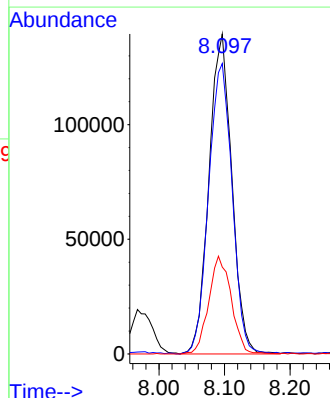
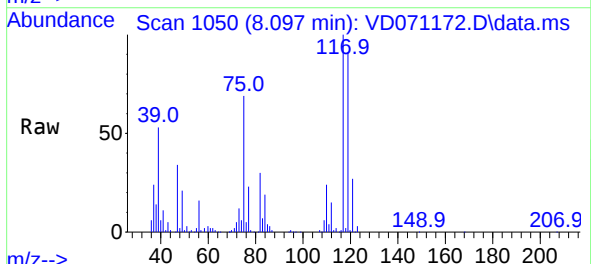
Delta R.T. -0.000 min

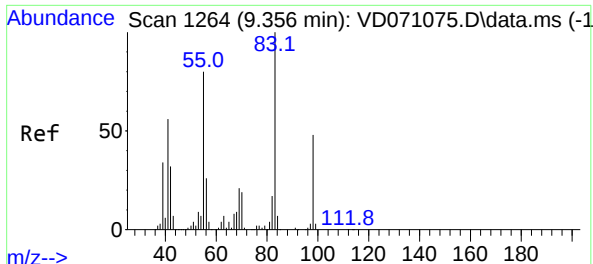
Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Tgt Ion: 117 Resp: 337622

Ion	Ratio	Lower	Upper
117	100		
119	90.8	75.8	113.6
121	27.2	23.6	35.4





#39

Methylcyclohexane

Concen: 56.882 ug/l

RT: 9.355 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

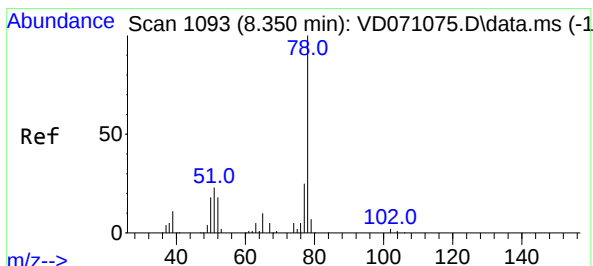
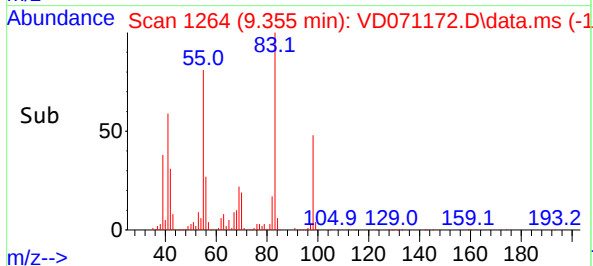
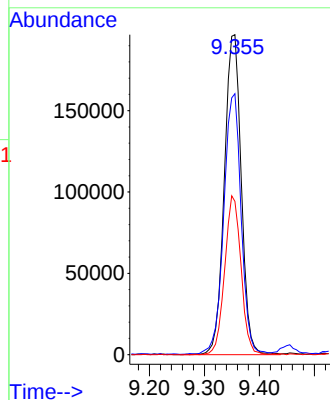
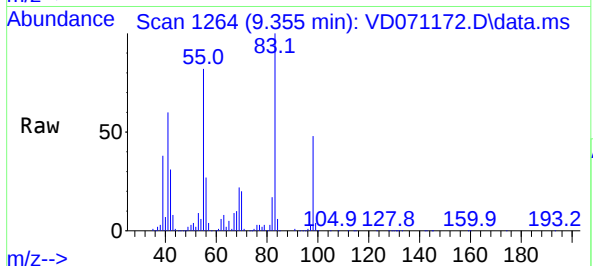
Tgt Ion: 83 Resp: 421256

Ion Ratio Lower Upper

83 100

55 81.5 65.8 98.8

98 47.9 38.7 58.1



#40

Benzene

Concen: 52.544 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071172.D

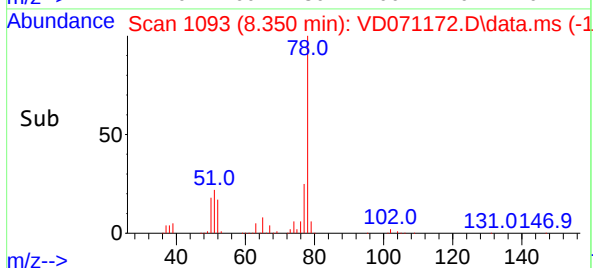
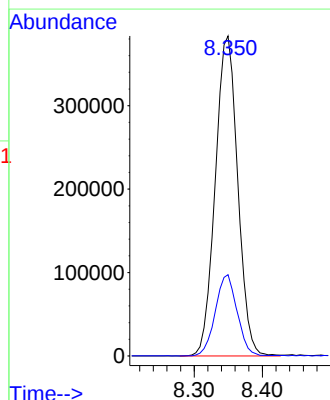
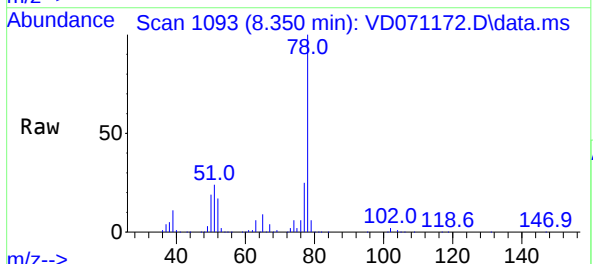
Acq: 06 Dec 2021 17:21

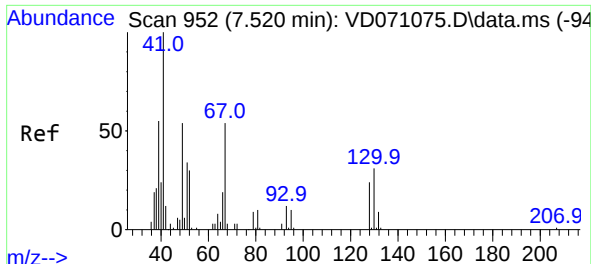
Tgt Ion: 78 Resp: 878788

Ion Ratio Lower Upper

78 100

77 25.4 19.1 28.7

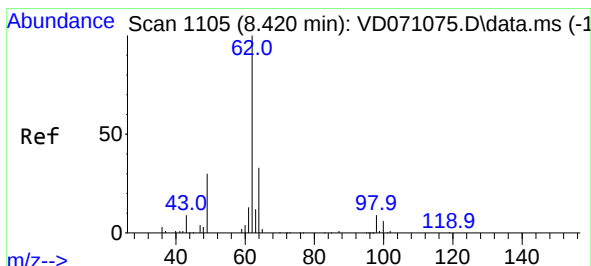
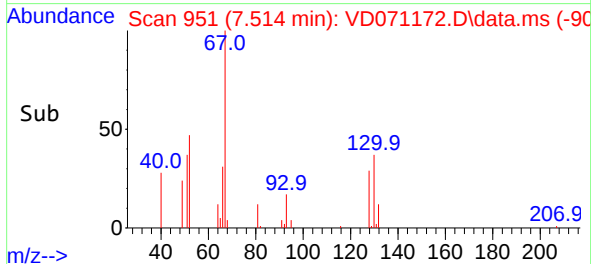
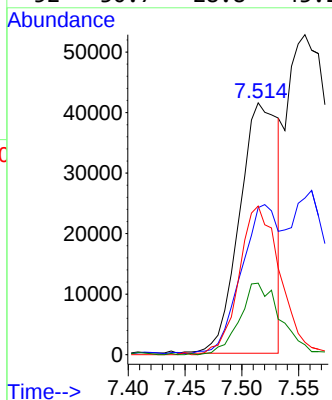
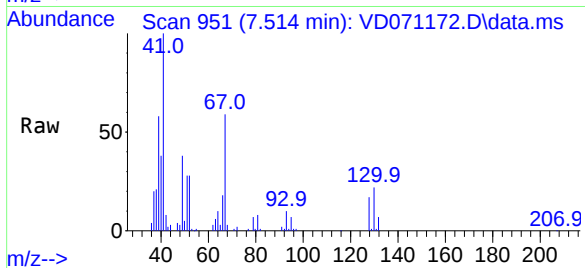




#41
Methacrylonitrile
Concen: 68.980 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

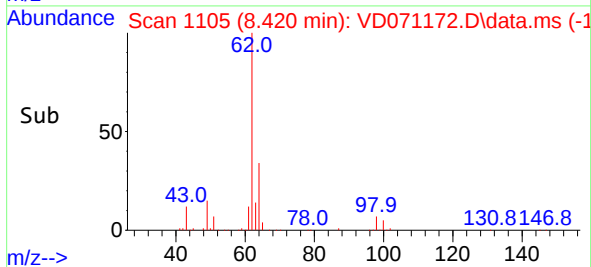
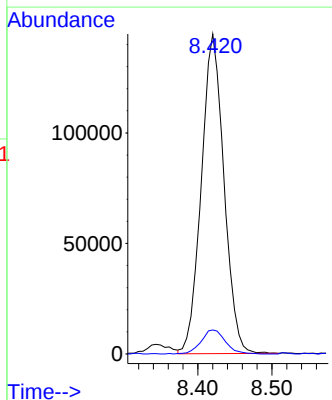
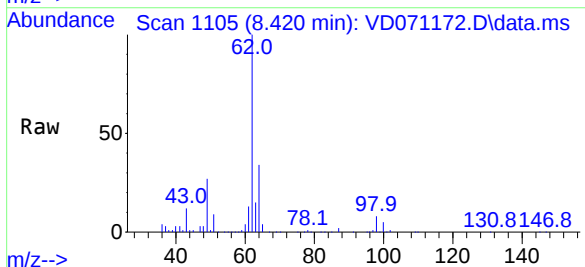
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

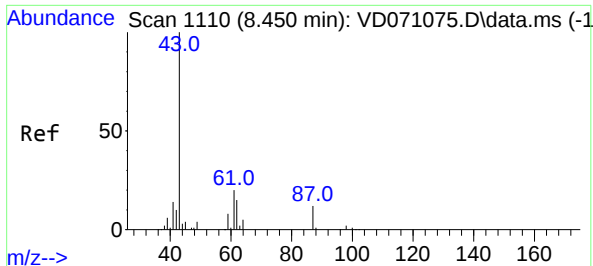
Tgt Ion: 41 Resp: 97013
Ion Ratio Lower Upper
41 100
39 63.5 60.2 90.4
67 64.1 74.8 112.2#
52 30.7 28.8 43.2



#42
1,2-Dichloroethane
Concen: 60.132 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 62 Resp: 306986
Ion Ratio Lower Upper
62 100
98 8.1 0.0 21.8

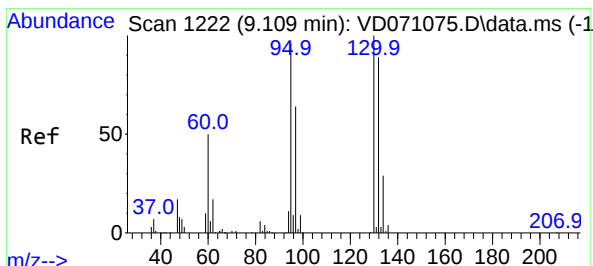
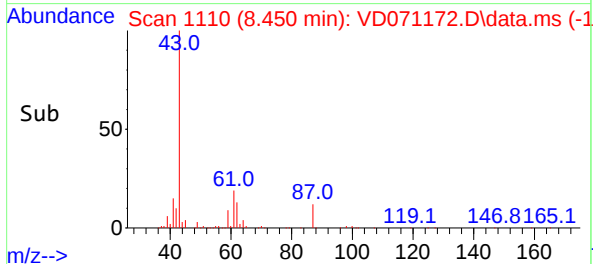
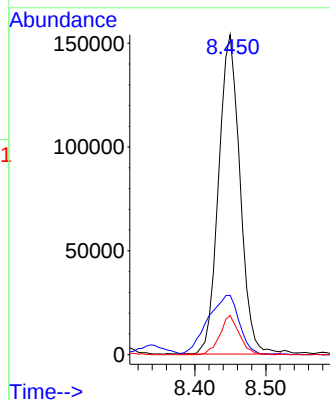
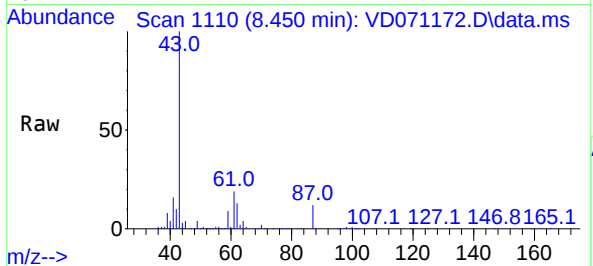




#43
Isopropyl Acetate
Concen: 54.248 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

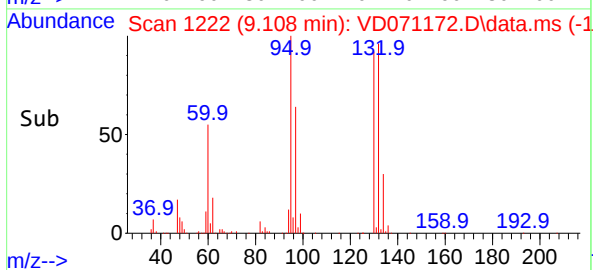
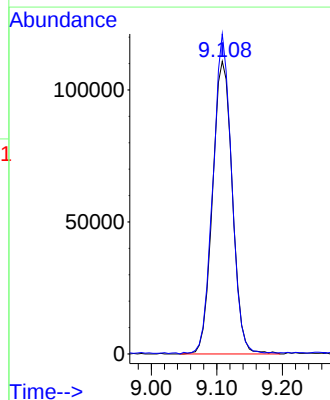
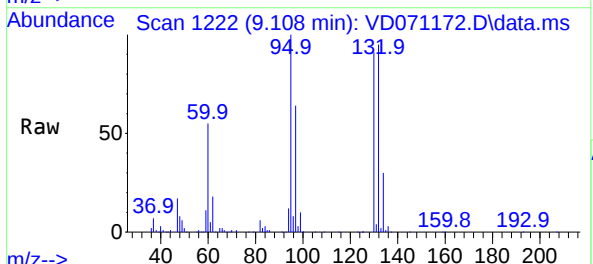
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

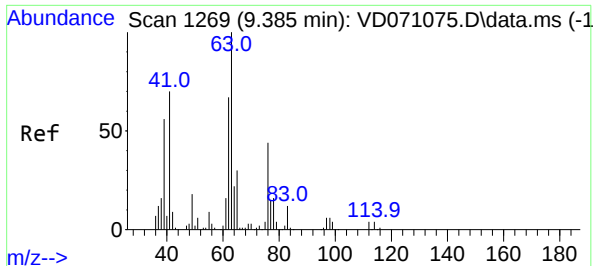
Tgt Ion: 43 Resp: 320377
Ion Ratio Lower Upper
43 100
61 27.1 28.2 42.4#
87 11.2 10.7 16.1



#44
Trichloroethene
Concen: 52.028 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion:130 Resp: 232007
Ion Ratio Lower Upper
130 100
95 109.4 0.0 193.2

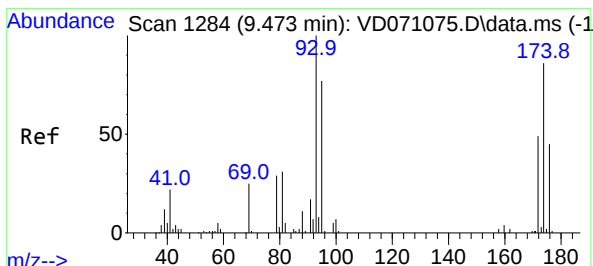
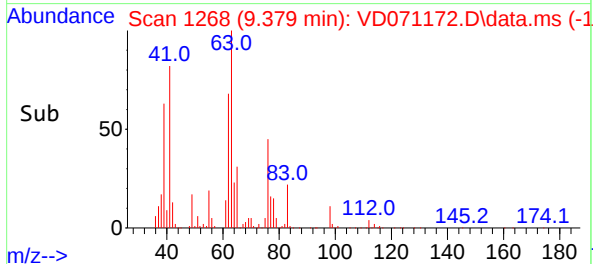
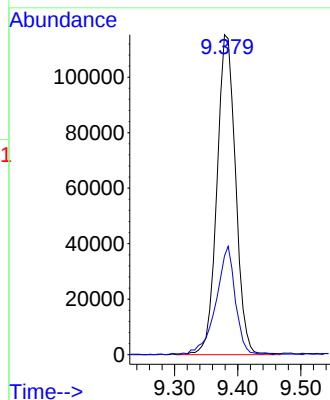
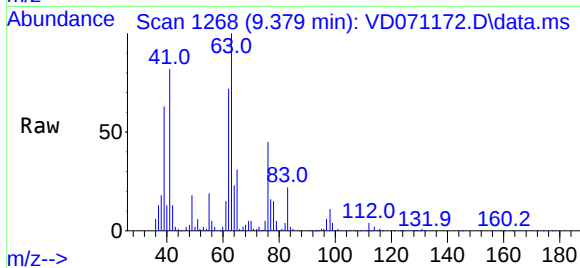




#45
1,2-Dichloropropane
Concen: 53.780 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

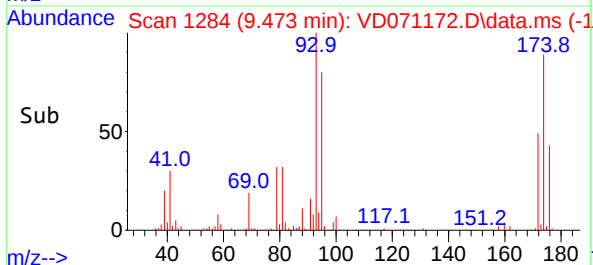
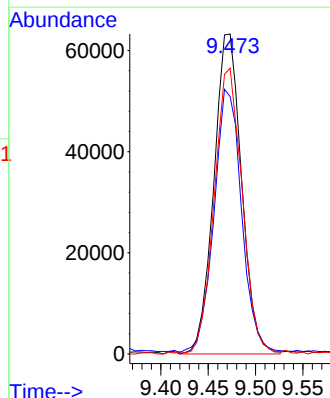
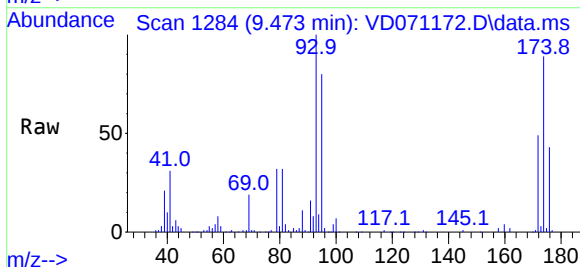
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

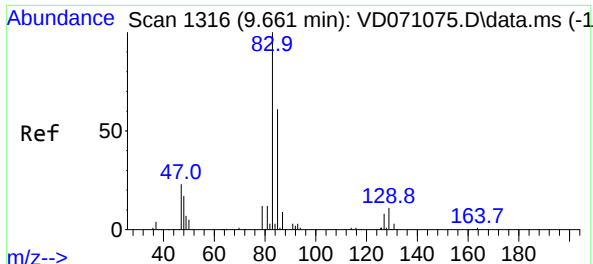
Tgt Ion: 63 Resp: 236544
Ion Ratio Lower Upper
63 100
65 30.7 24.2 36.2



#46
Dibromomethane
Concen: 56.506 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 93 Resp: 128943
Ion Ratio Lower Upper
93 100
95 81.8 66.1 99.1
174 90.5 78.6 117.8





#47

Bromodichloromethane

Concen: 56.038 ug/l

RT: 9.655 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

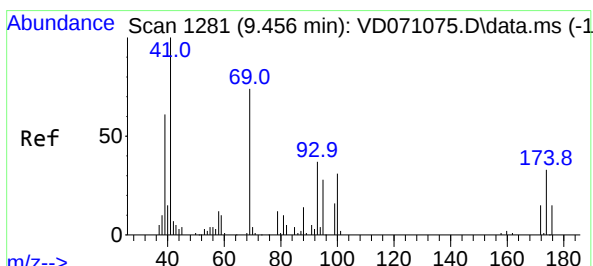
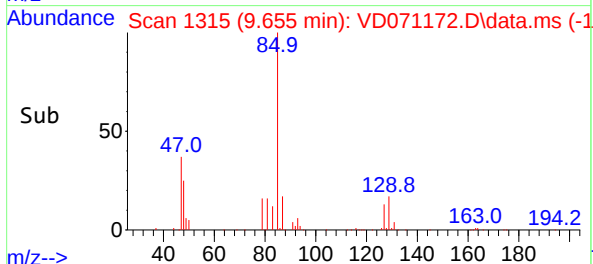
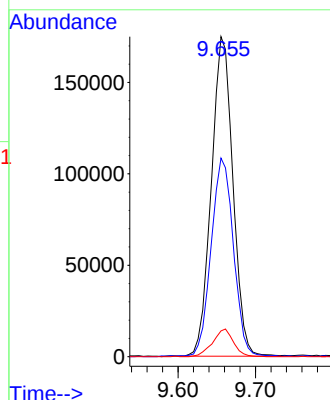
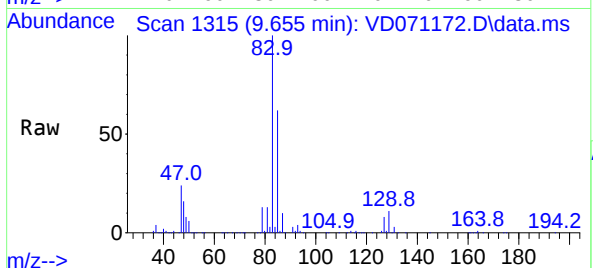
Tgt Ion: 83 Resp: 338180

Ion Ratio Lower Upper

83 100

85 62.0 50.0 75.0

127 8.1 7.3 10.9



#48

Methyl methacrylate

Concen: 61.313 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.007 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

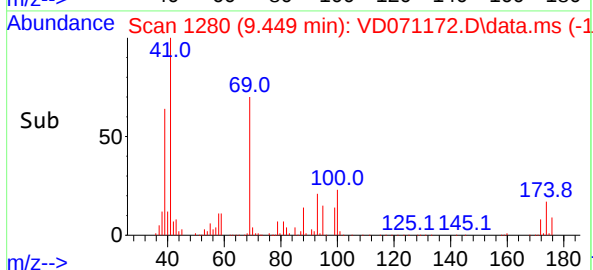
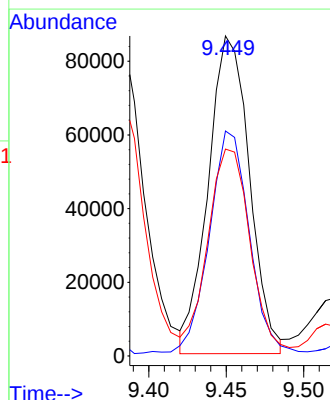
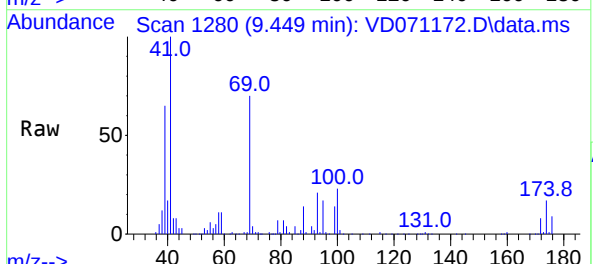
Tgt Ion: 41 Resp: 159624

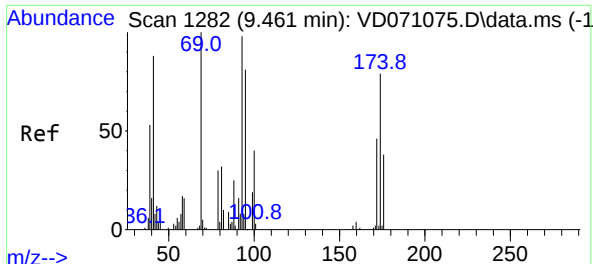
Ion Ratio Lower Upper

41 100

69 69.5 69.8 104.6#

39 66.5 35.6 53.4#

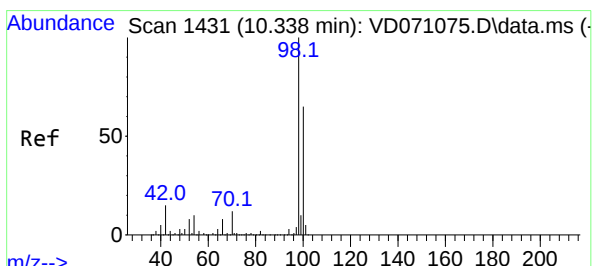
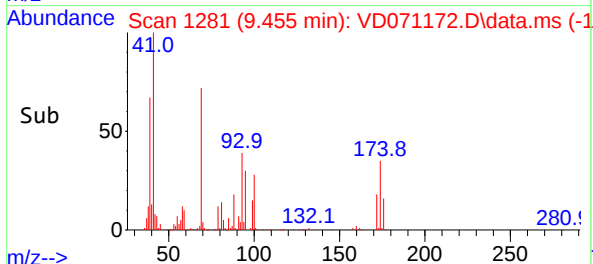
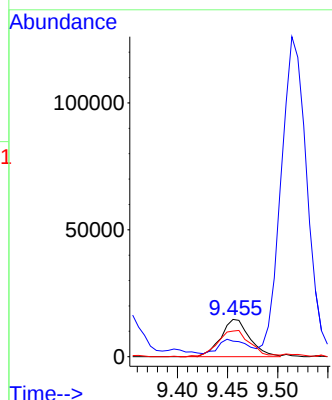
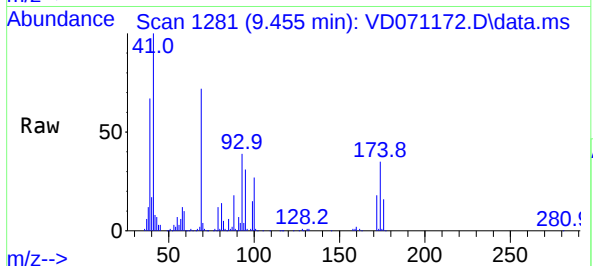




#49
1,4-Dioxane
Concen: 1337.592 ug/l
RT: 9.455 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

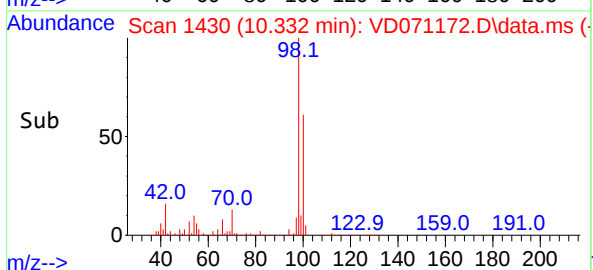
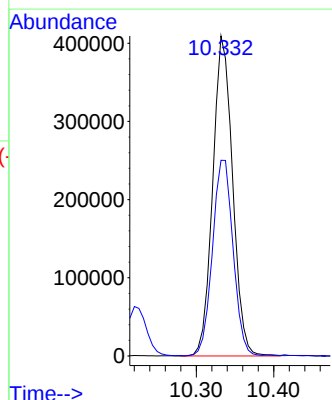
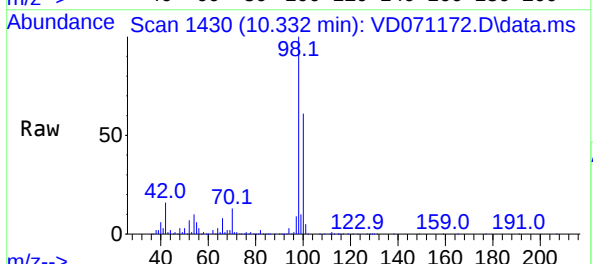
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

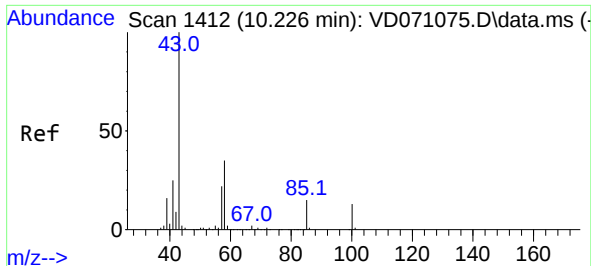
Tgt Ion: 88 Resp: 29464
Ion Ratio Lower Upper
88 100
43 36.2 28.9 43.3
58 78.1 56.3 84.5



#50
Toluene-d8
Concen: 45.618 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 98 Resp: 728268
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6

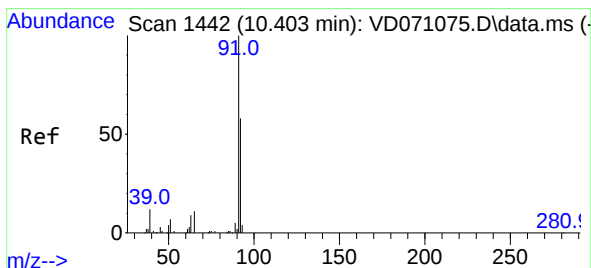
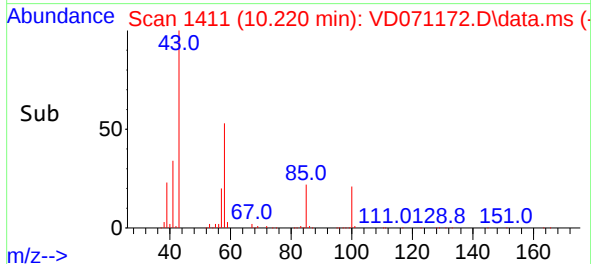
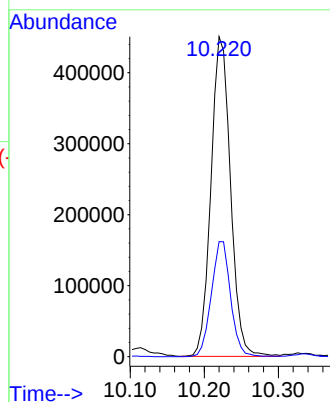
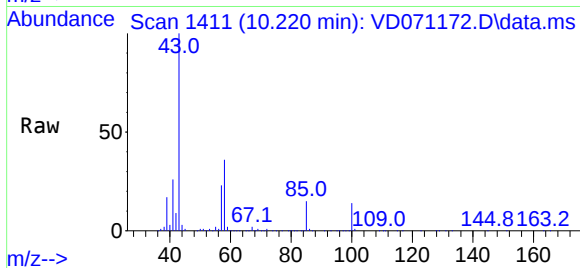




#51
4-Methyl-2-Pentanone
Concen: 271.609 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

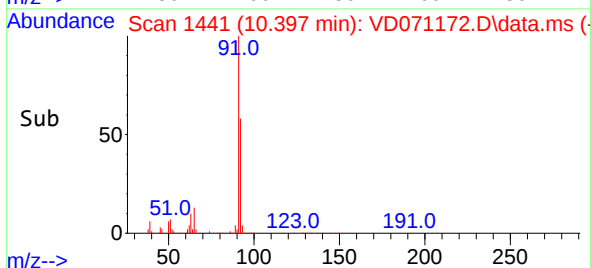
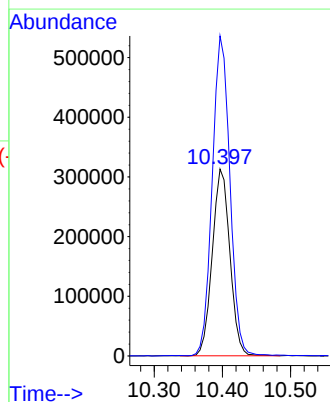
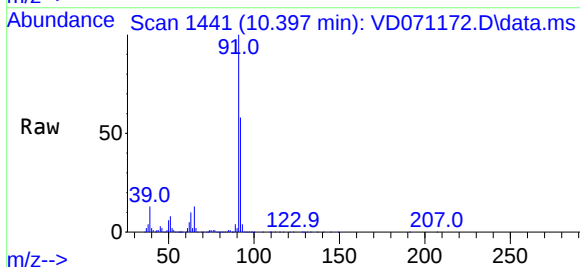
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

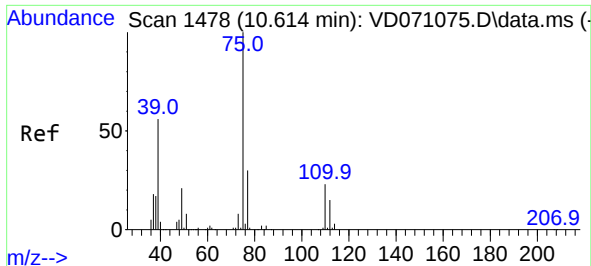
Tgt Ion: 43 Resp: 823660
Ion Ratio Lower Upper
43 100
58 35.5 33.1 49.7



#52
Toluene
Concen: 53.080 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.007 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 92 Resp: 563266
Ion Ratio Lower Upper
92 100
91 171.6 140.7 211.1

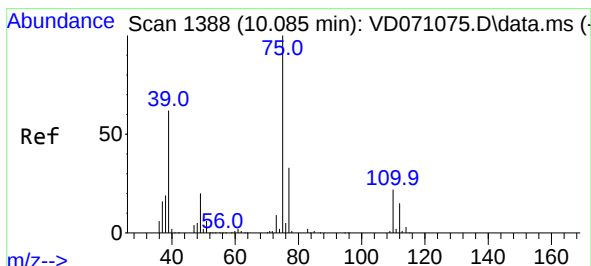
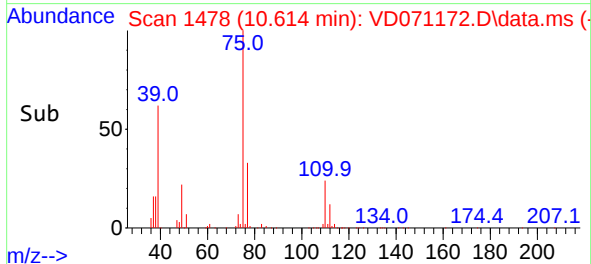
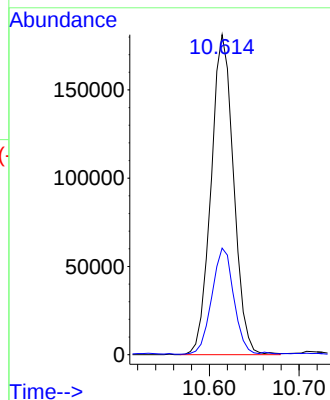
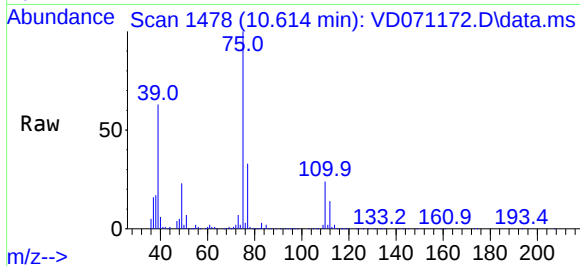




#53
t-1,3-Dichloropropene
Concen: 57.091 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

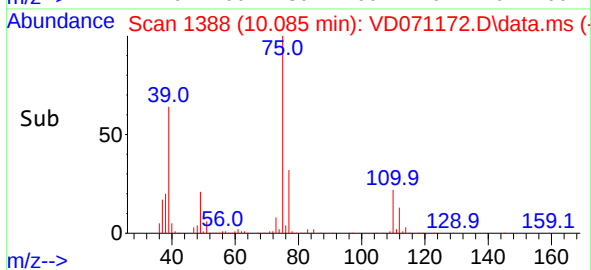
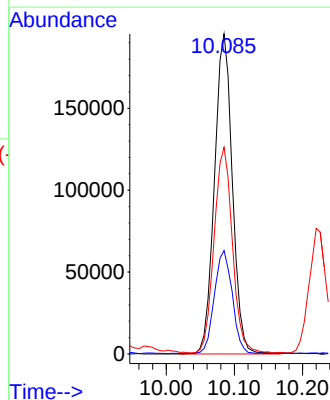
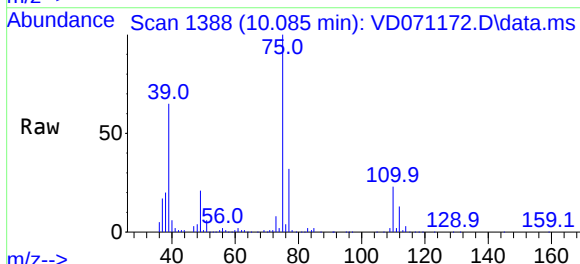
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

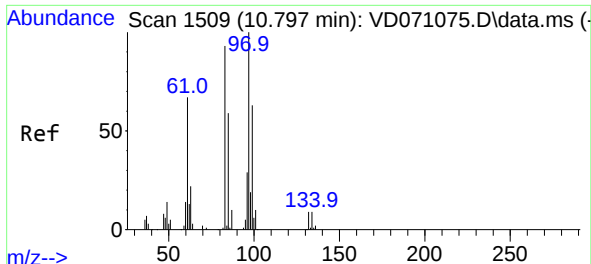
Tgt Ion: 75 Resp: 316767
Ion Ratio Lower Upper
75 100
77 33.1 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 54.106 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 75 Resp: 356595
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6
39 64.1 31.6 47.4#



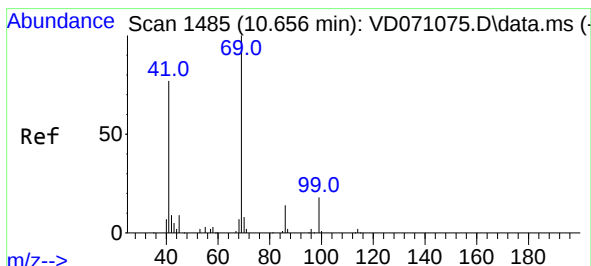
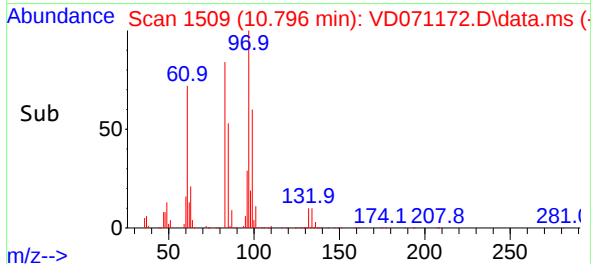
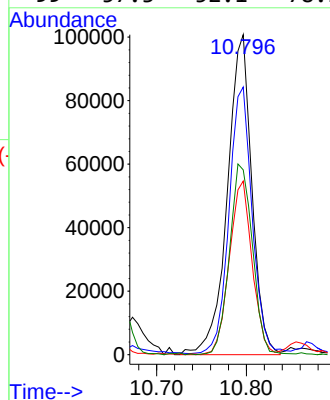
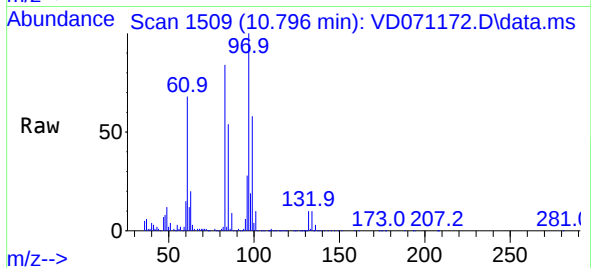


#55
1,1,2-Trichloroethane
Concen: 63.770 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.001 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 190898

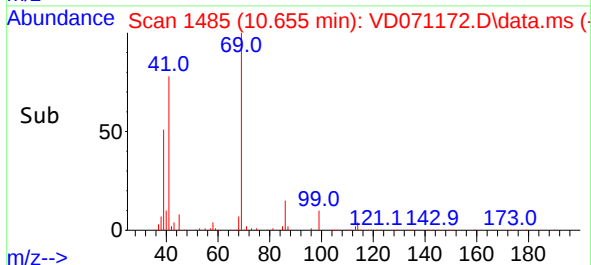
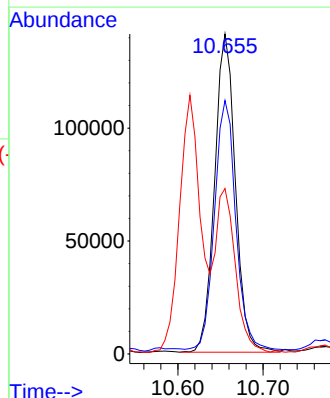
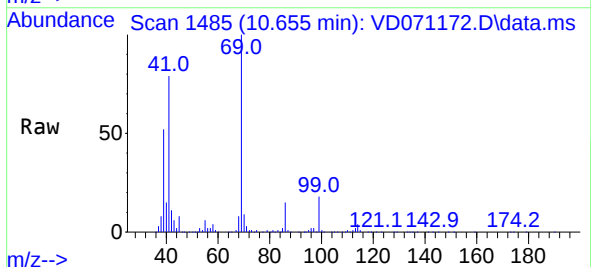
Ion	Ratio	Lower	Upper
97	100		
83	83.1	65.2	97.8
85	54.0	43.4	65.0
99	57.3	52.1	78.1

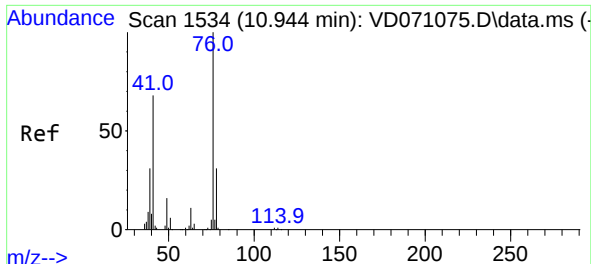


#56
Ethyl methacrylate
Concen: 54.800 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 69 Resp: 238966

Ion	Ratio	Lower	Upper
69	100		
41	80.3	50.2	75.2#
39	48.0	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 57.938 ug/l

RT: 10.938 min Scan# 1534

Delta R.T. -0.006 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

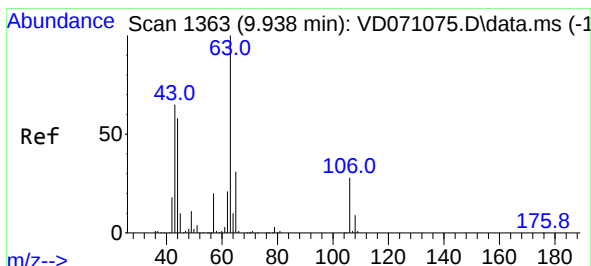
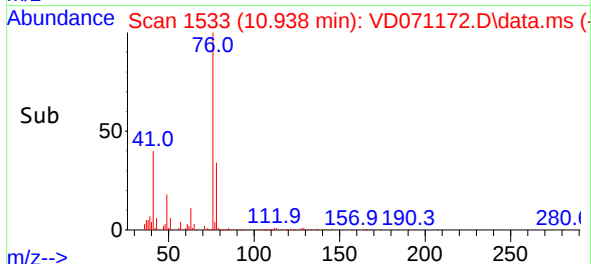
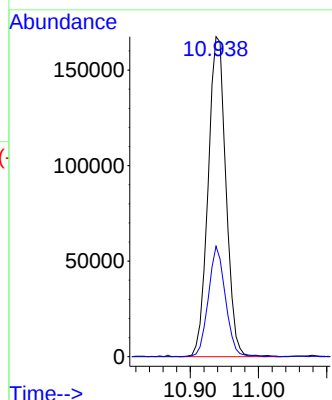
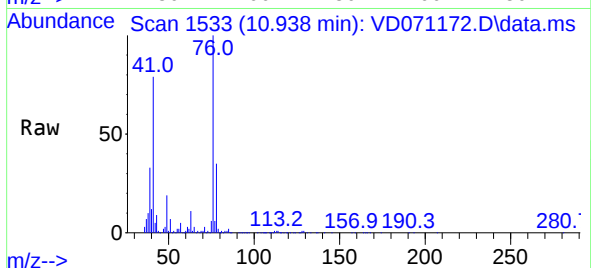
VSTDCCC050EC

Tgt Ion: 76 Resp: 304687

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 237.925 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071172.D

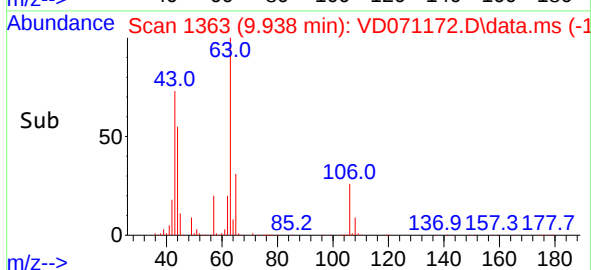
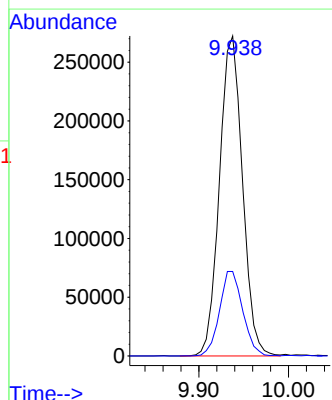
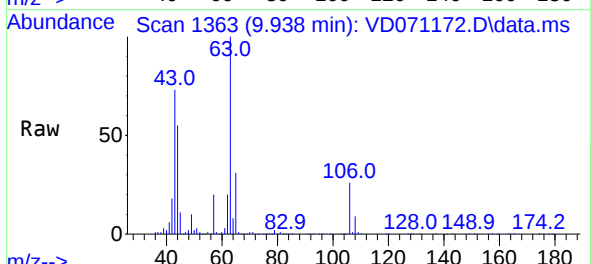
Acq: 06 Dec 2021 17:21

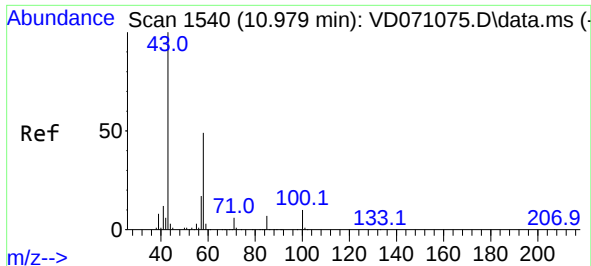
Tgt Ion: 63 Resp: 484667

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4

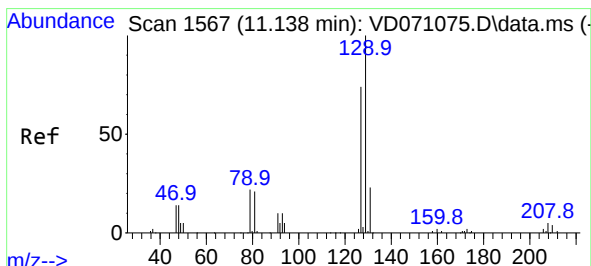
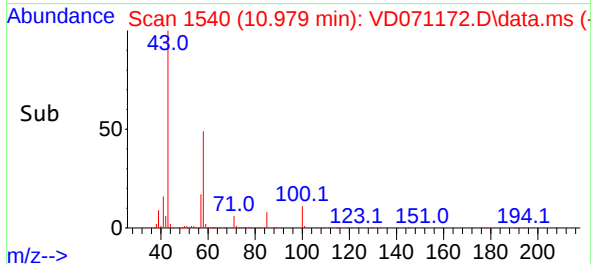
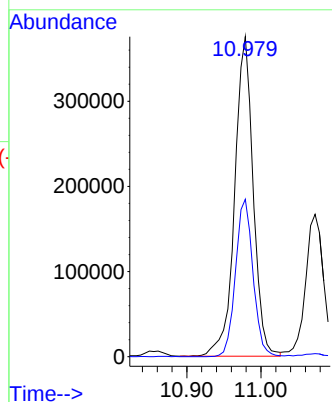
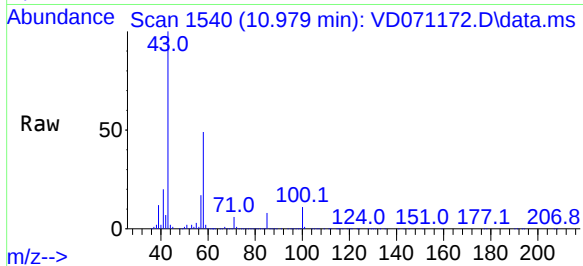




#59
2-Hexanone
Concen: 283.058 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

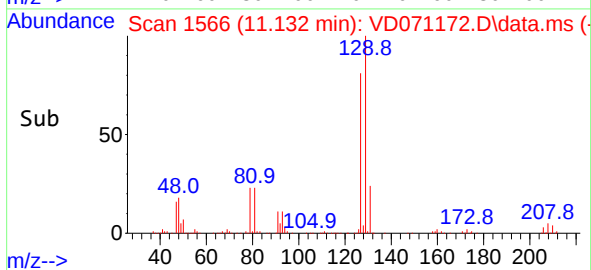
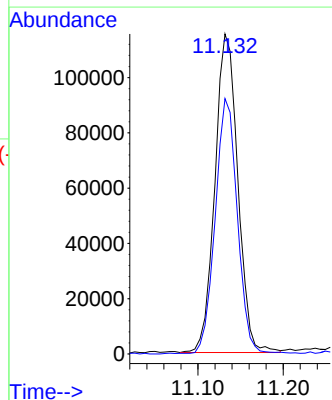
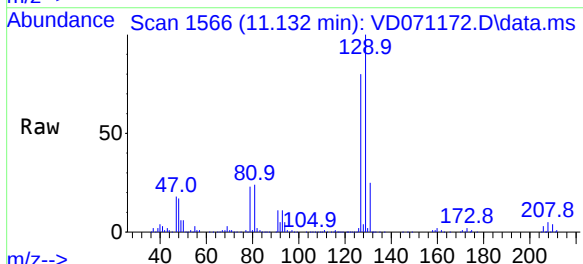
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

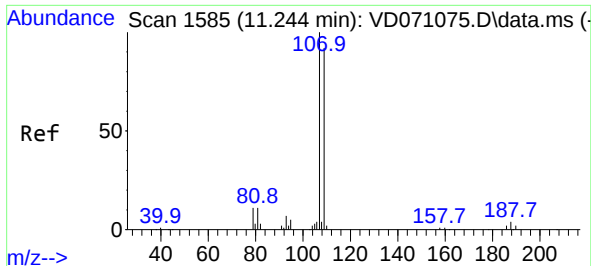
Tgt Ion: 43 Resp: 651664
Ion Ratio Lower Upper
43 100
58 46.5 28.7 86.1



#60
Dibromochloromethane
Concen: 57.875 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 129 Resp: 215324
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

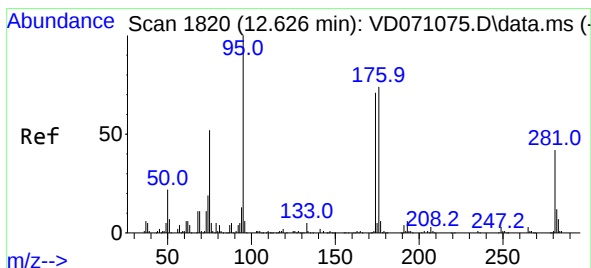
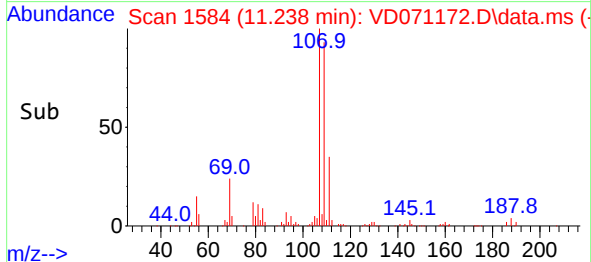
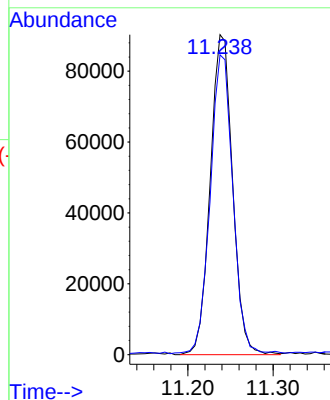
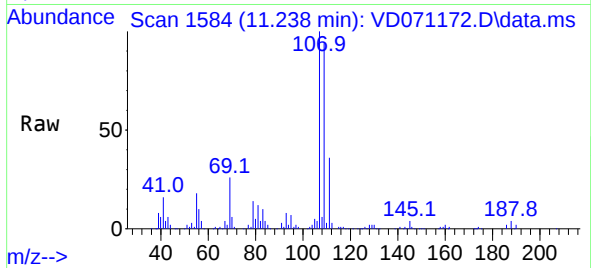




#61
1,2-Dibromoethane
Concen: 57.318 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

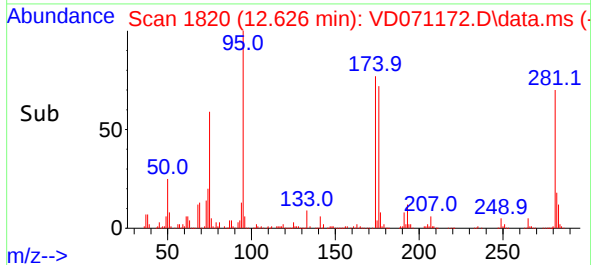
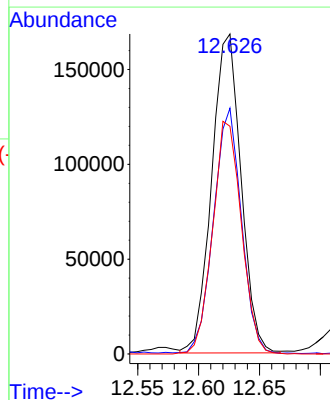
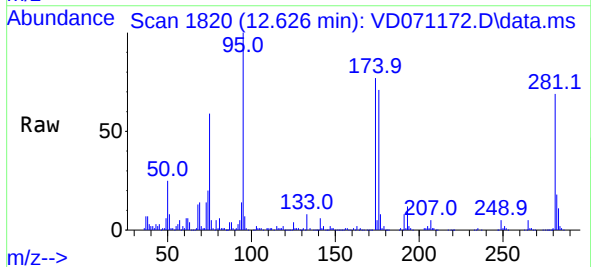
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

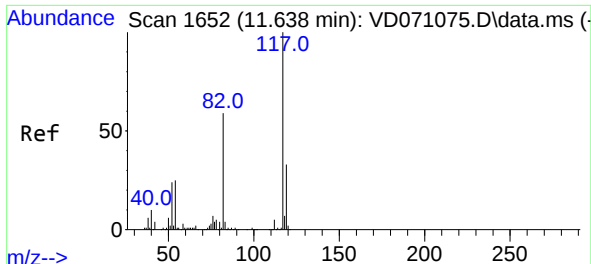
Tgt Ion:107 Resp: 164791
Ion Ratio Lower Upper
107 100
109 94.3 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 50.922 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 95 Resp: 281798
Ion Ratio Lower Upper
95 100
174 73.1 0.0 159.4
176 71.6 0.0 154.0

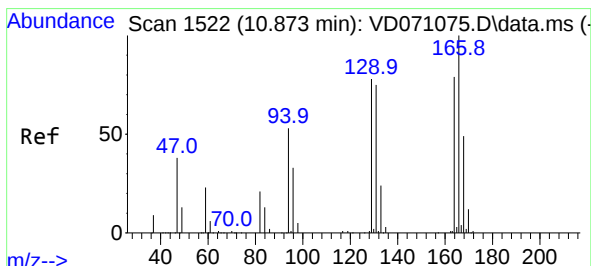
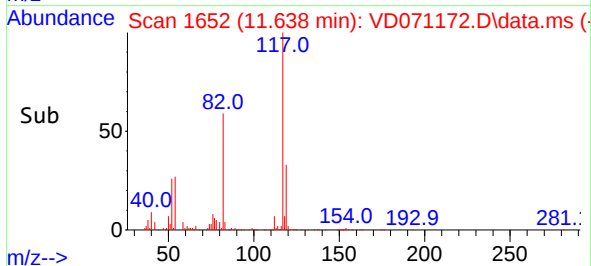
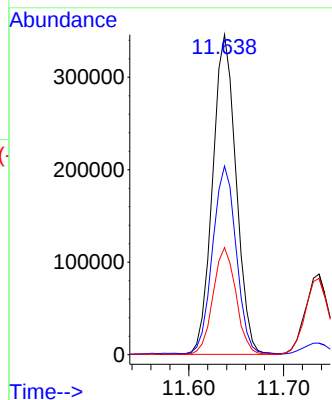
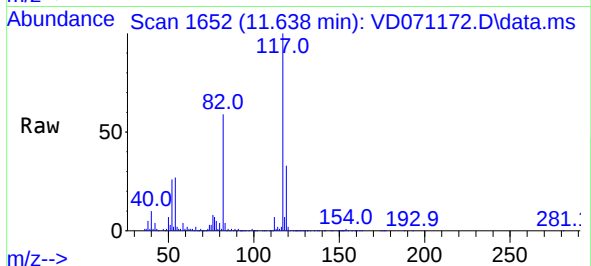




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

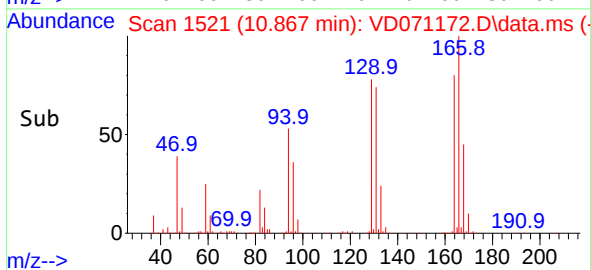
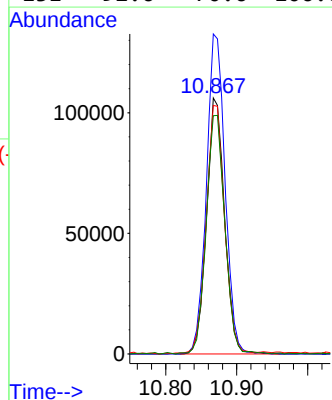
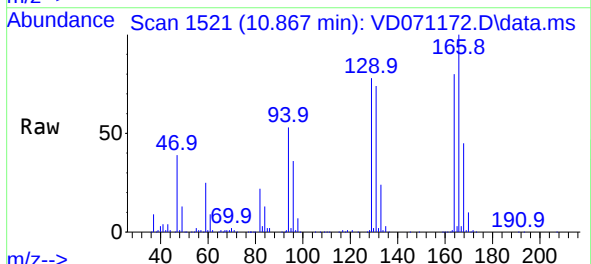
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

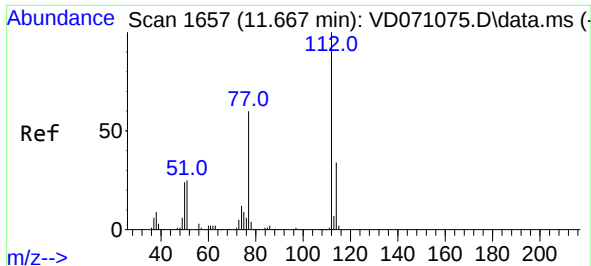
Tgt Ion:117 Resp: 596265
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 33.4 26.2 39.4



#64
Tetrachloroethene
Concen: 49.577 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion:164 Resp: 187667
Ion Ratio Lower Upper
164 100
166 125.0 102.6 153.8
129 96.7 75.4 113.0
131 92.6 70.6 106.0

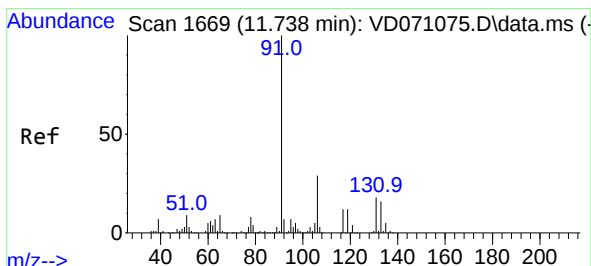
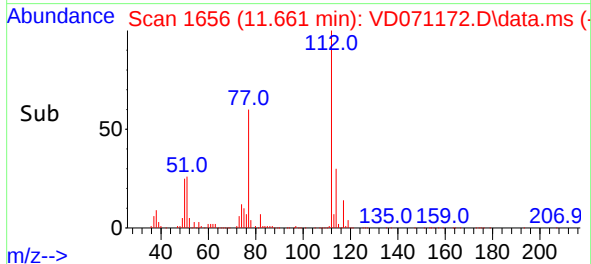
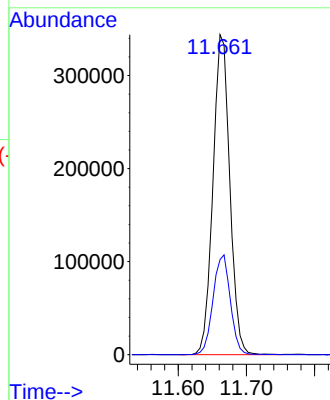
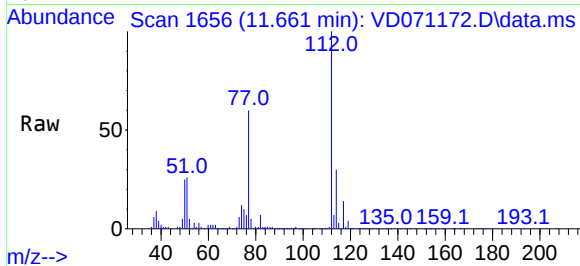




#65
Chlorobenzene
Concen: 53.406 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

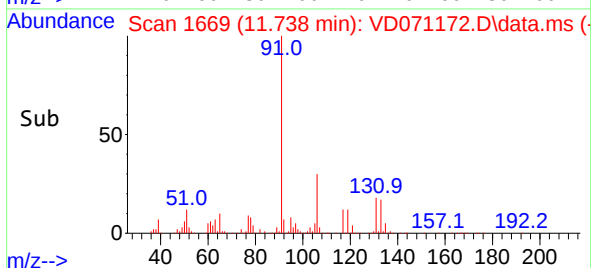
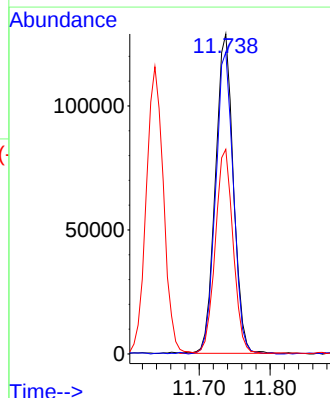
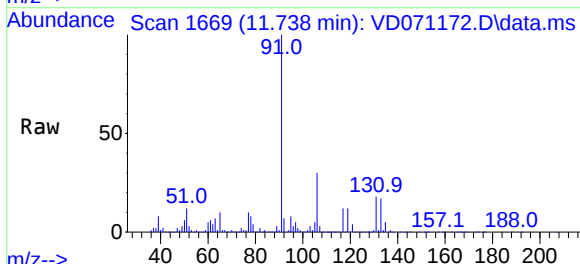
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

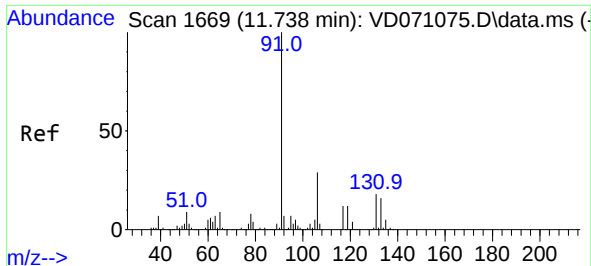
Tgt Ion:112 Resp: 590840
Ion Ratio Lower Upper
112 100
114 29.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.836 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion:131 Resp: 225546
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 63.3 33.5 100.4





#67

Ethyl Benzene

Concen: 55.372 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

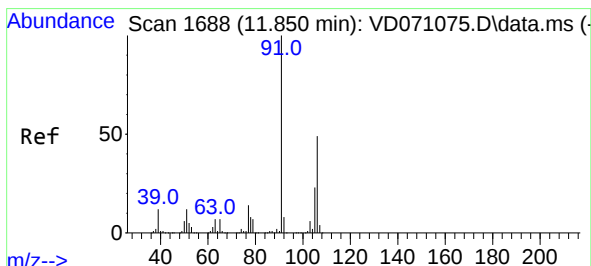
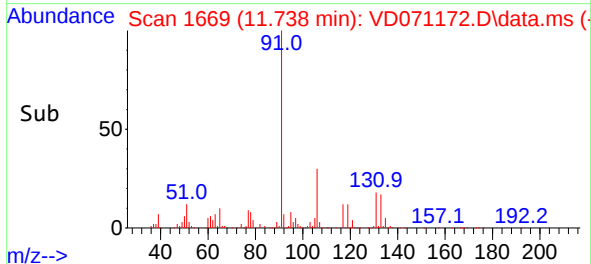
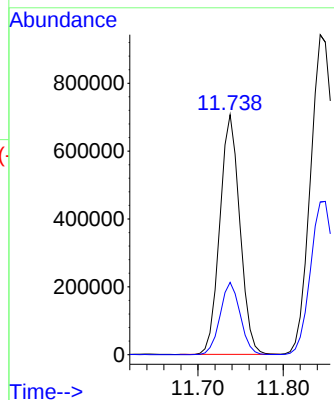
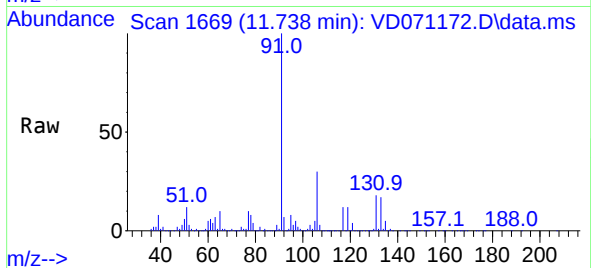
VSTDCCC050EC

Tgt Ion: 91 Resp: 1153234

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 111.840 ug/l

RT: 11.849 min Scan# 1688

Delta R.T. -0.001 min

Lab File: VD071172.D

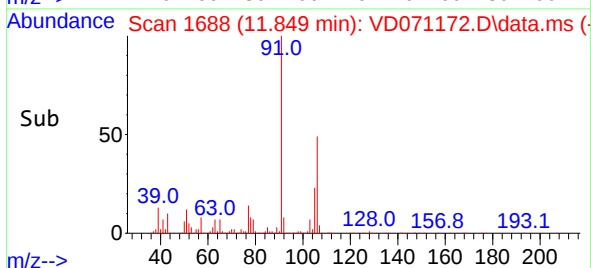
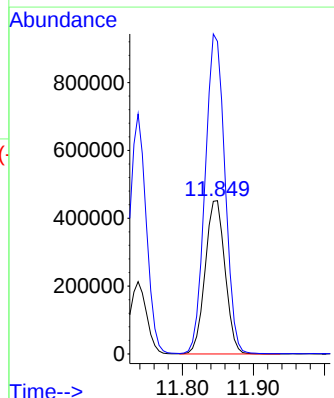
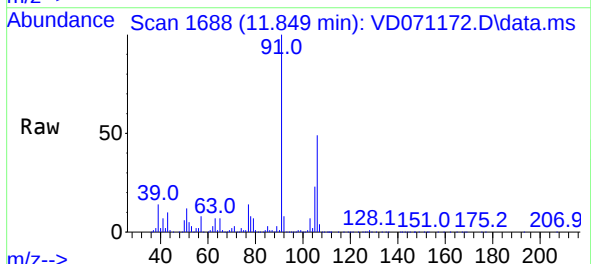
Acq: 06 Dec 2021 17:21

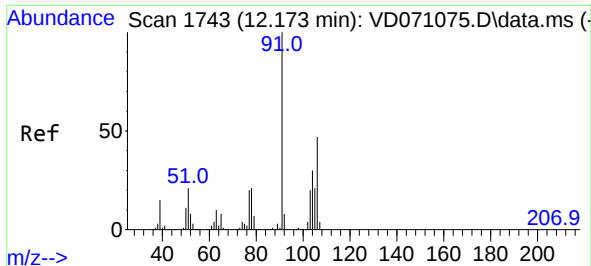
Tgt Ion:106 Resp: 879380

Ion Ratio Lower Upper

106 100

91 207.5 160.1 240.1

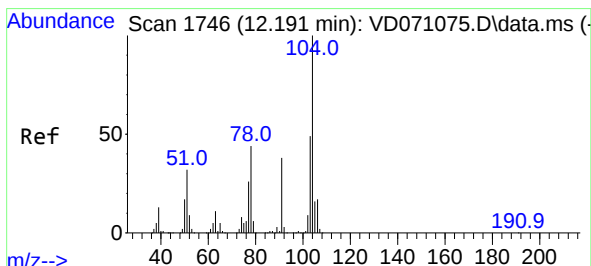
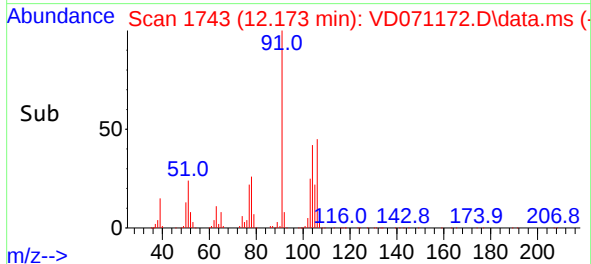
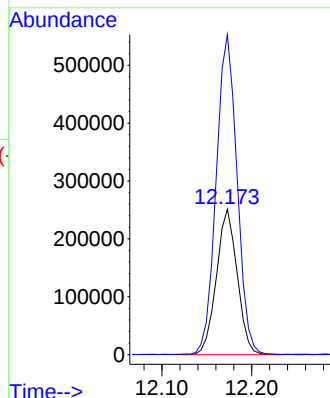
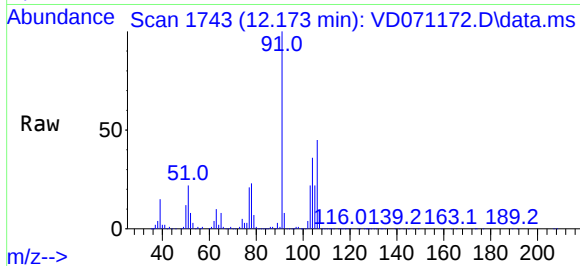




#69
o-Xylene
Concen: 54.632 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

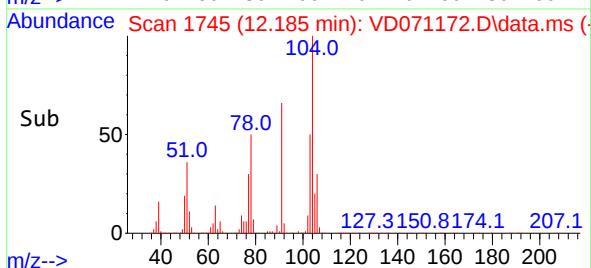
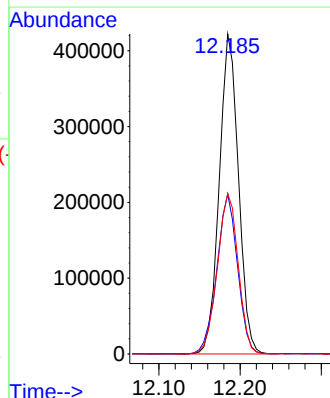
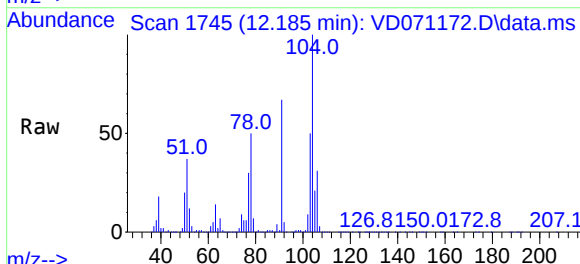
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

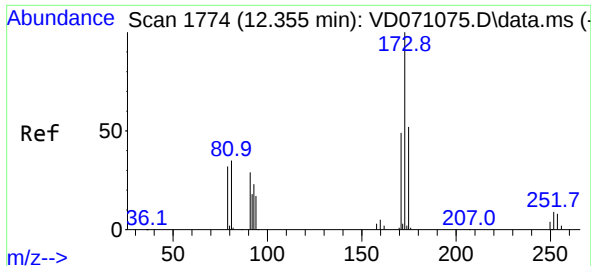
Tgt Ion:106 Resp: 403733
Ion Ratio Lower Upper
106 100
91 221.3 106.3 319.0



#70
Styrene
Concen: 55.768 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion:104 Resp: 694590
Ion Ratio Lower Upper
104 100
78 53.6 39.4 59.0
103 54.5 43.4 65.0

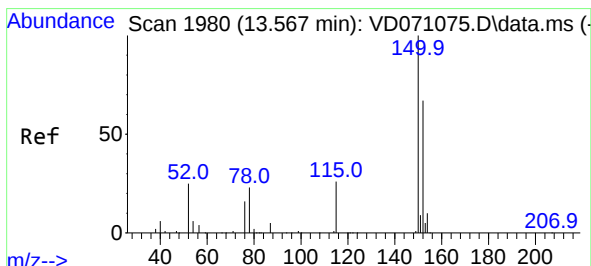
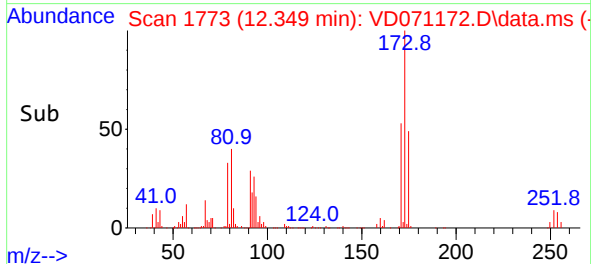
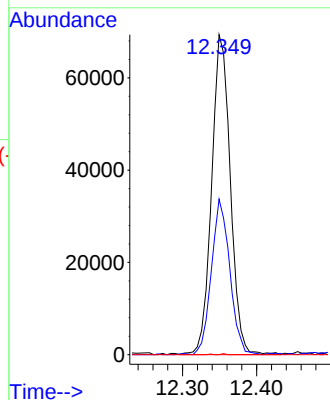
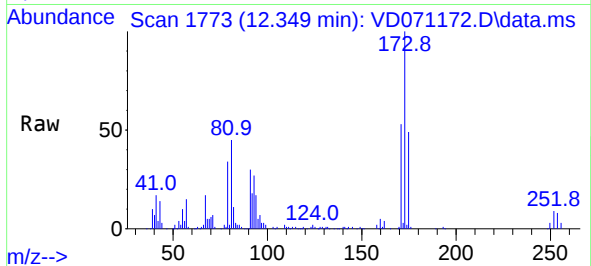




#71
Bromoform
Concen: 58.064 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

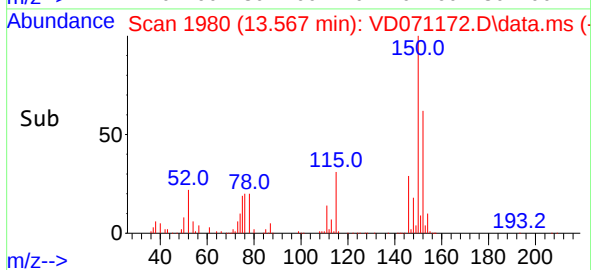
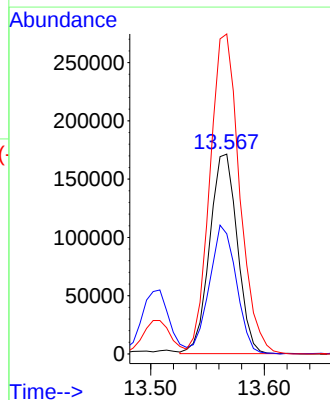
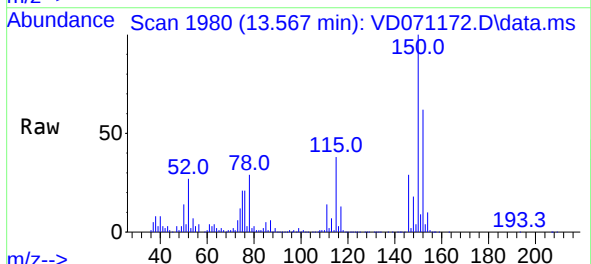
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

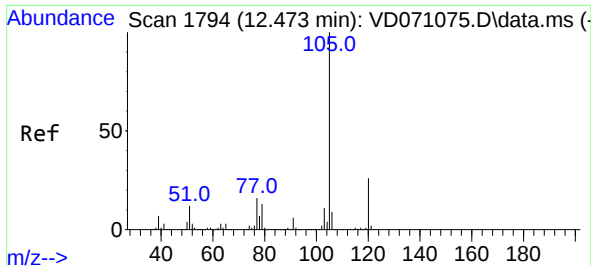
Tgt Ion:173 Resp: 121511
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.2
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion:152 Resp: 289741
Ion Ratio Lower Upper
152 100
115 63.1 29.8 89.3
150 172.1 0.0 349.2

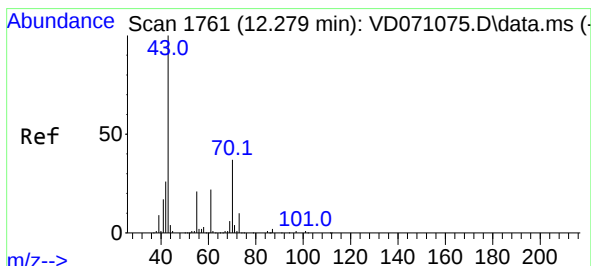
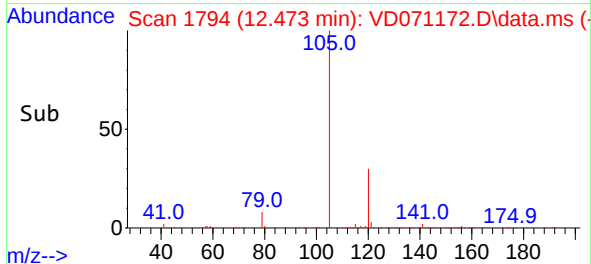
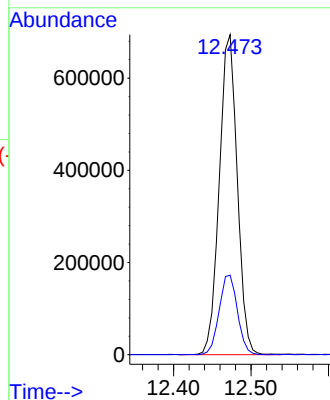
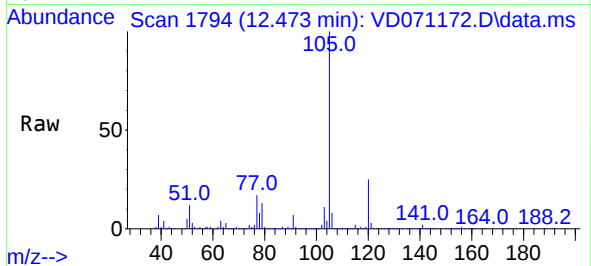




#73
Isopropylbenzene
Concen: 53.255 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

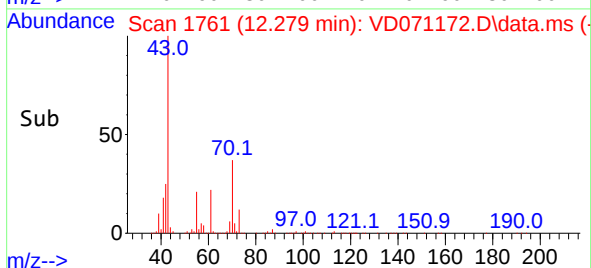
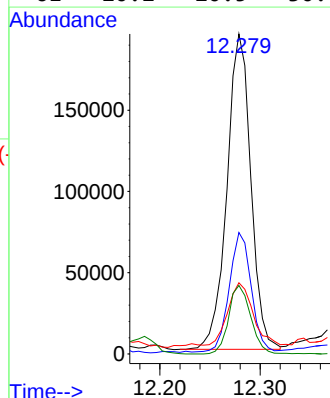
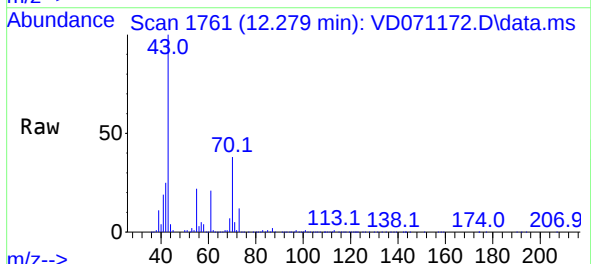
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

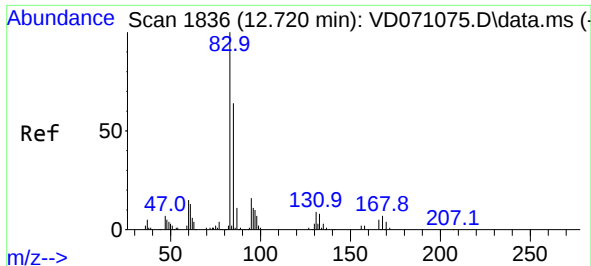
Tgt Ion:105 Resp: 1117277
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.5



#74
N-ethyl acetate
Concen: 55.284 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 43 Resp: 321452
Ion Ratio Lower Upper
43 100
70 34.7 36.6 55.0#
55 23.2 22.5 33.7
61 20.2 20.5 30.7#

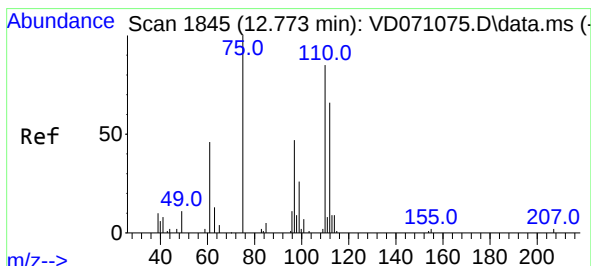
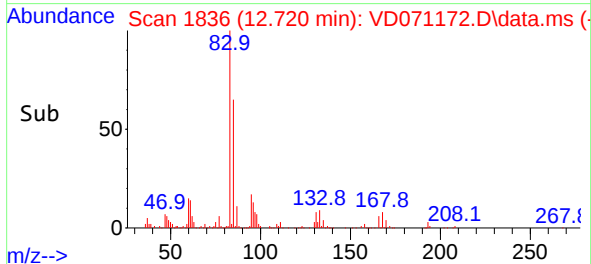
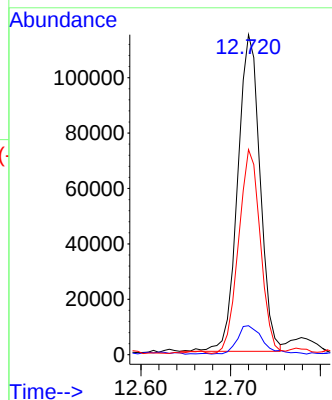
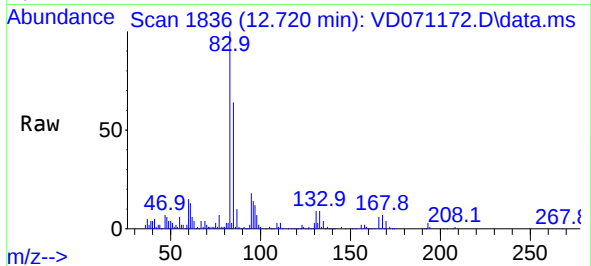




#75
1,1,2,2-Tetrachloroethane
Concen: 57.334 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

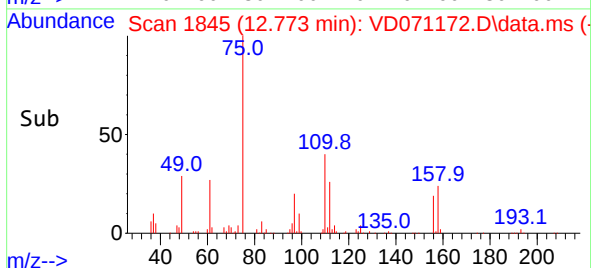
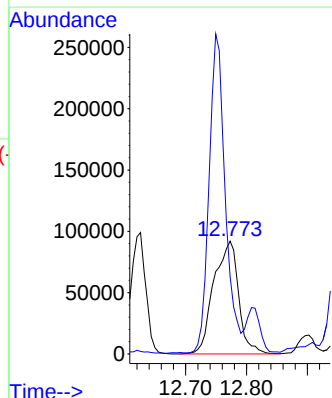
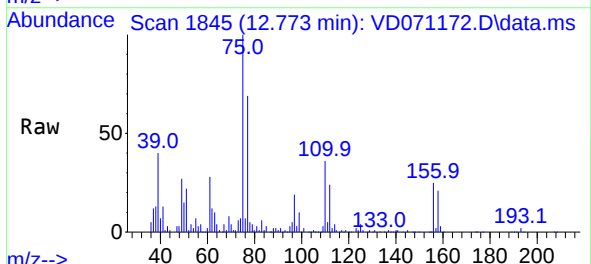
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

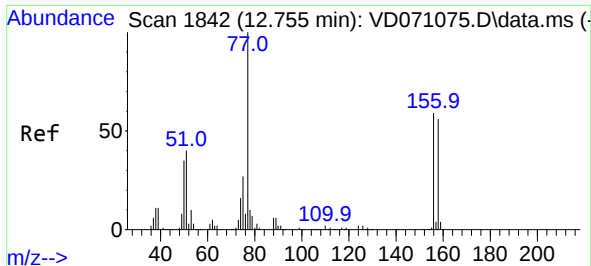
Tgt Ion: 83 Resp: 198083
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 62.8 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 94.299 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 75 Resp: 260315
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

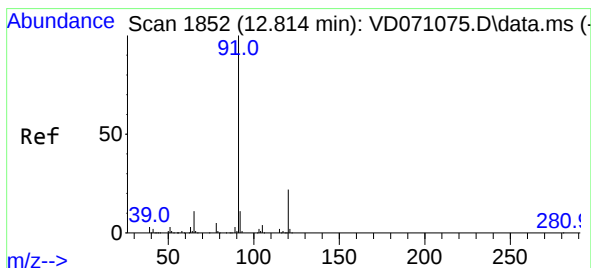
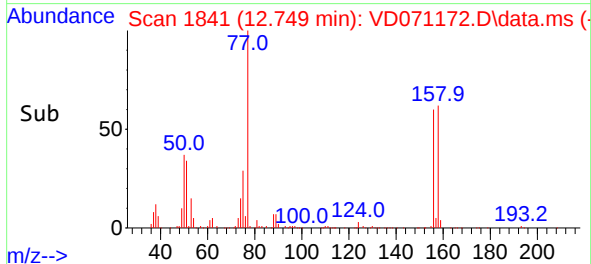
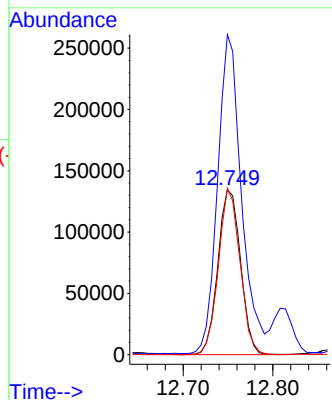
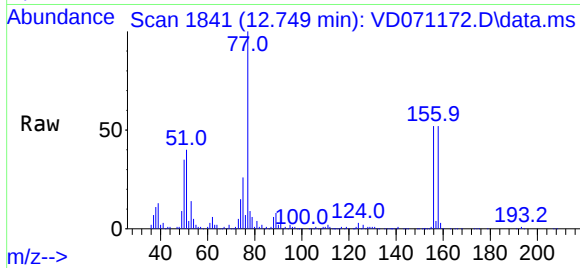




#77
Bromobenzene
Concen: 51.838 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

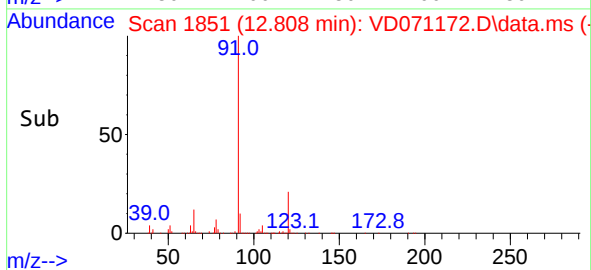
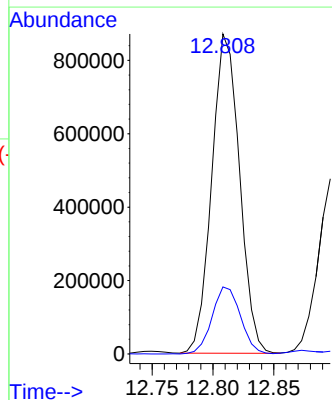
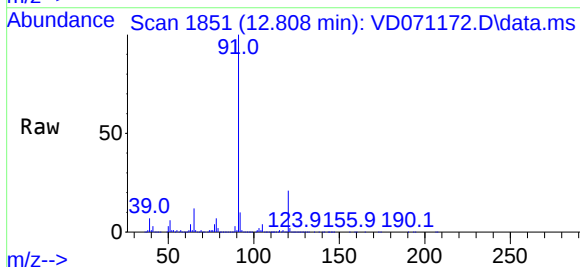
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

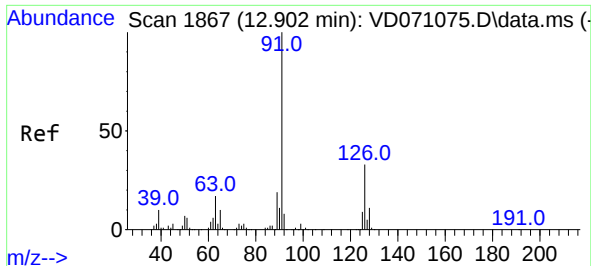
Tgt Ion:156 Resp: 235559
Ion Ratio Lower Upper
156 100
77 203.2 96.6 289.8
158 96.2 49.1 147.4



#78
n-propylbenzene
Concen: 52.874 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 91 Resp: 1381426
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9

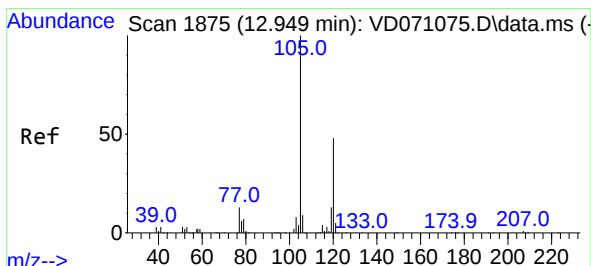
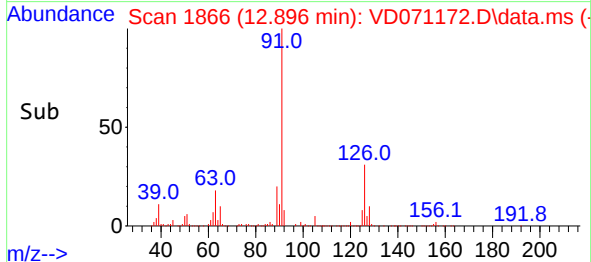
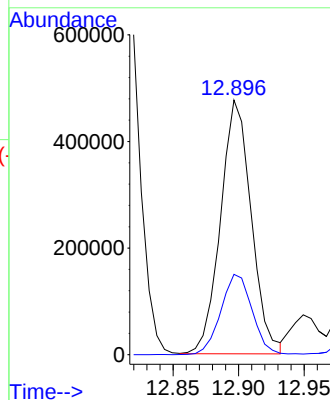
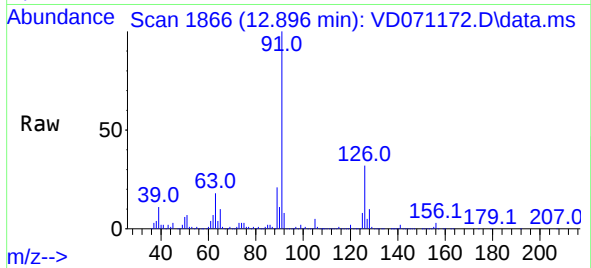




#79
2-Chlorotoluene
Concen: 53.008 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

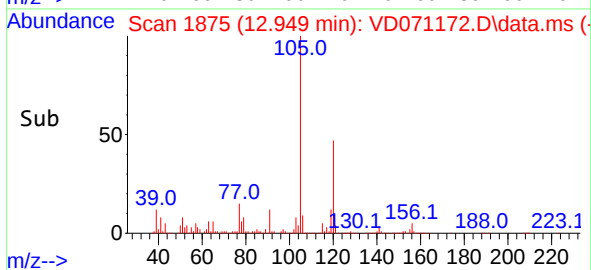
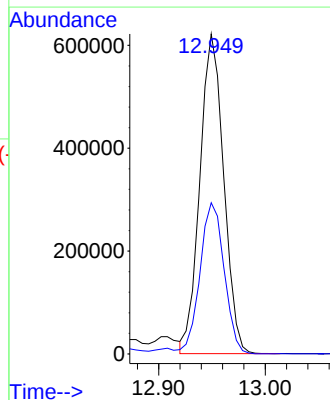
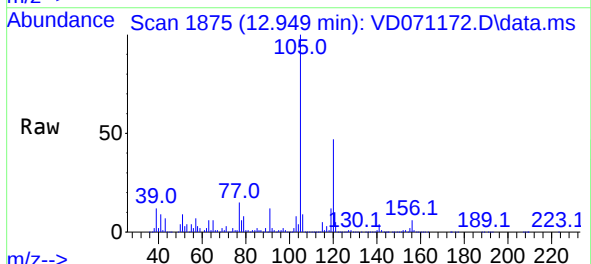
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

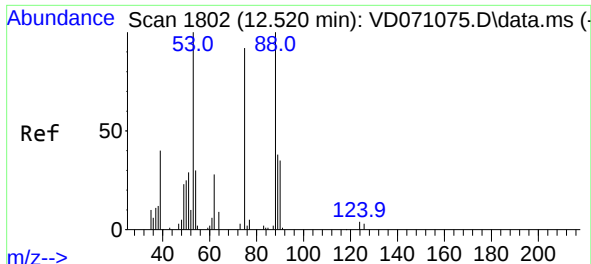
Tgt Ion: 91 Resp: 777296
Ion Ratio Lower Upper
91 100
126 32.3 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 55.815 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 105 Resp: 965612
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.8

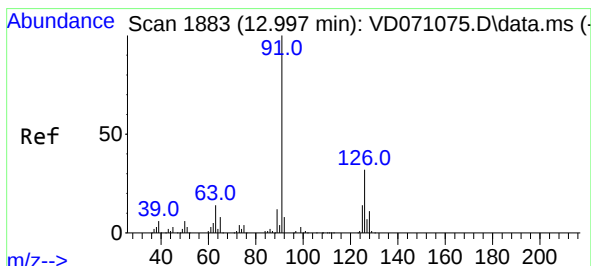
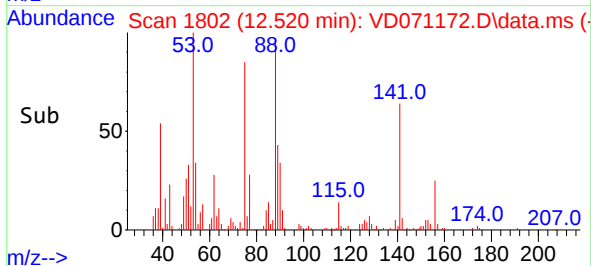
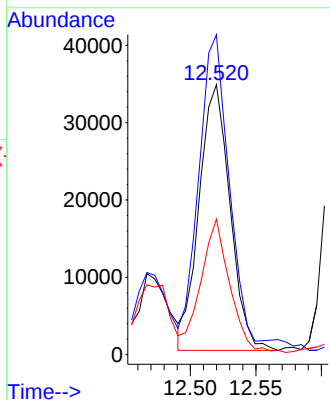
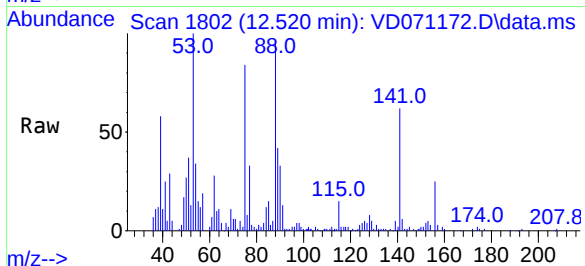




#81
trans-1,4-Dichloro-2-butene
Concen: 48.047 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

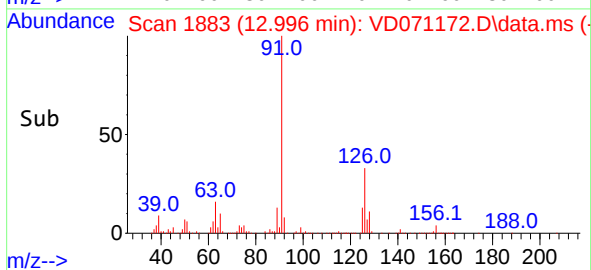
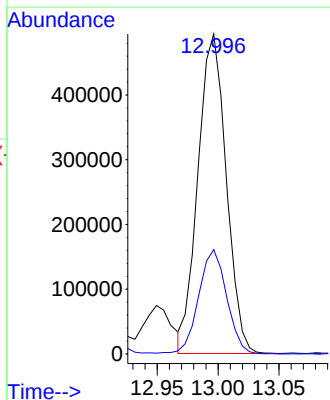
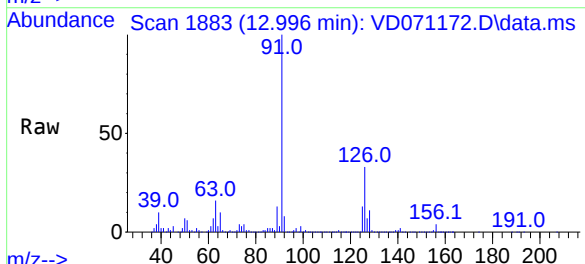
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

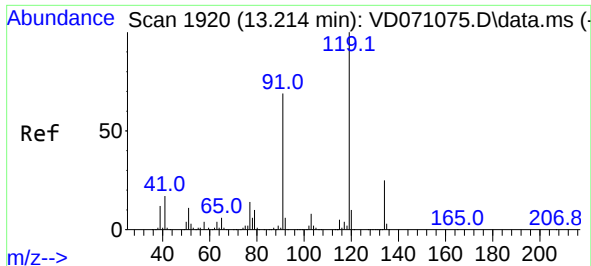
Tgt Ion: 75 Resp: 56407
Ion Ratio Lower Upper
75 100
53 109.5 62.6 94.0#
89 48.8 34.5 51.7



#82
4-Chlorotoluene
Concen: 52.345 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 91 Resp: 796863
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.1

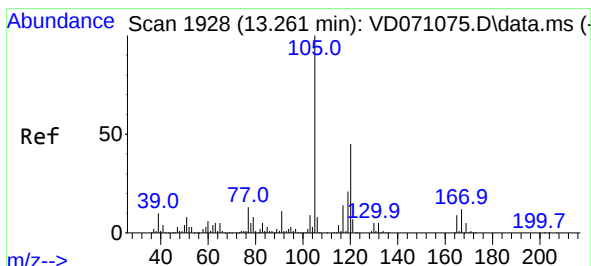
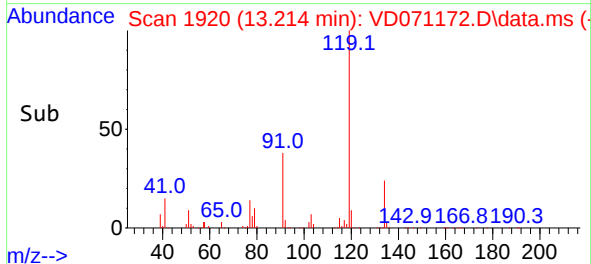
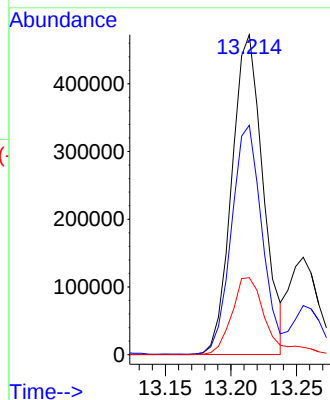
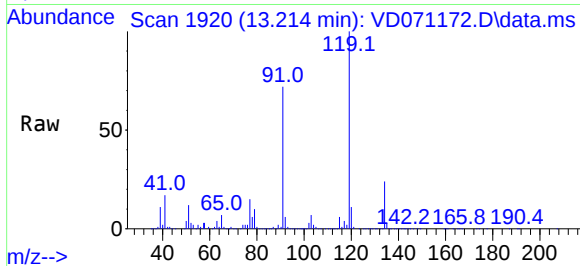




#83
tert-Butylbenzene
Concen: 52.750 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

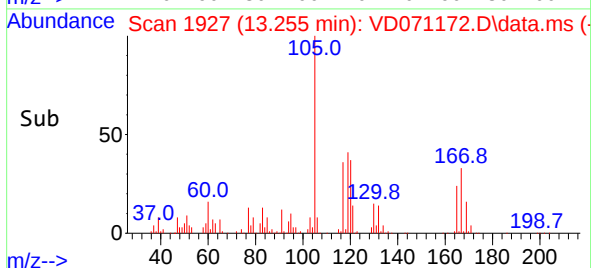
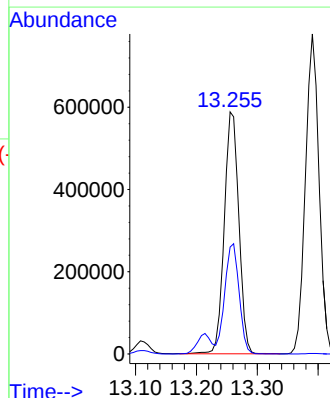
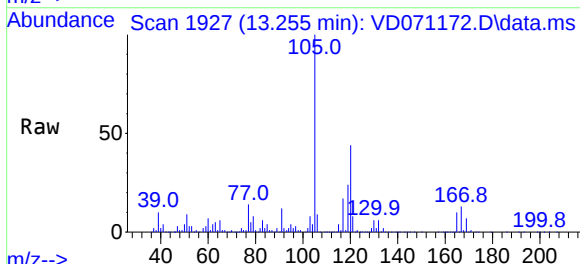
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

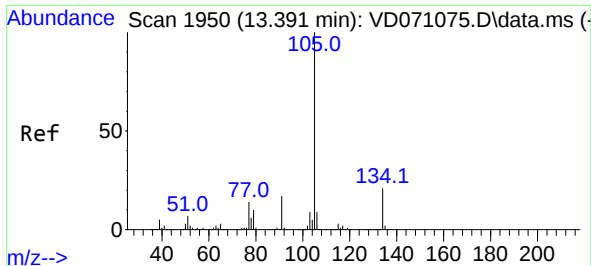
Tgt Ion:119 Resp: 783723
Ion Ratio Lower Upper
119 100
91 69.6 32.5 97.5
134 26.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 57.884 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion:105 Resp: 977685
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.7

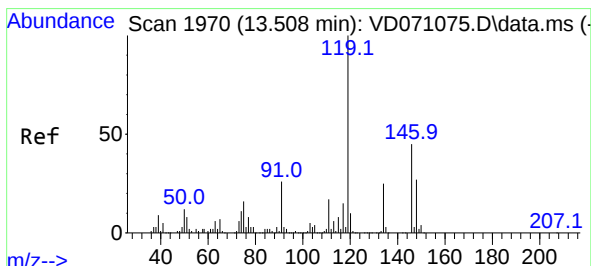
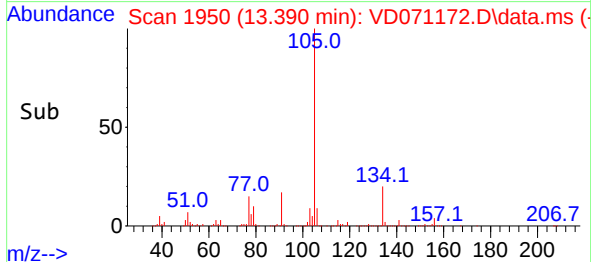
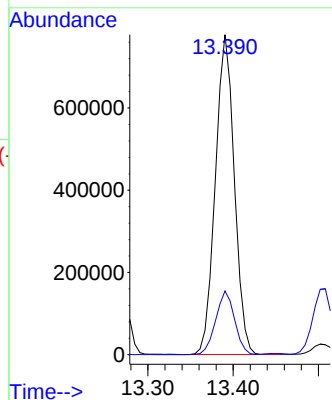
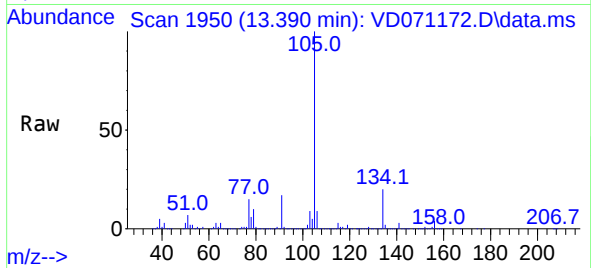




#85
 sec-Butylbenzene
 Concen: 53.004 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071172.D
 Acq: 06 Dec 2021 17:21

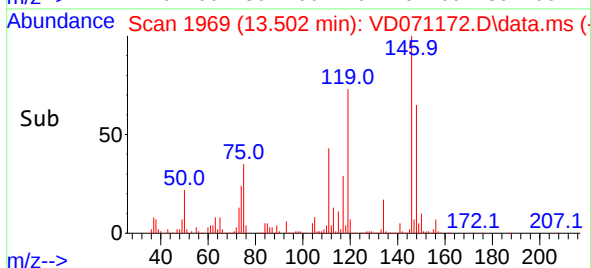
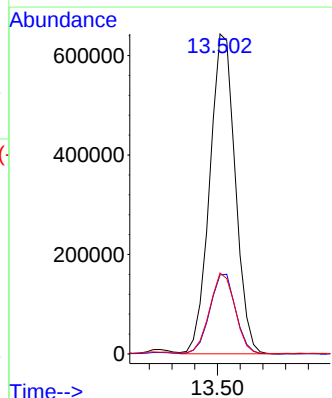
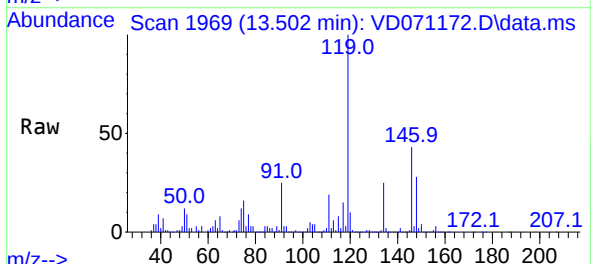
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

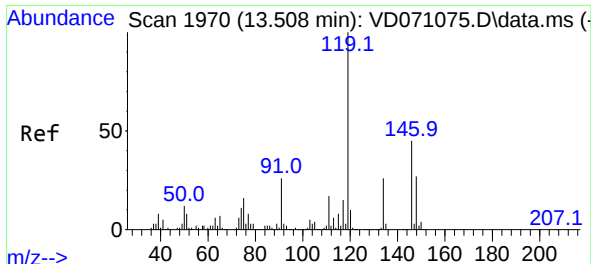
Tgt Ion:105 Resp: 1202784
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 54.050 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071172.D
 Acq: 06 Dec 2021 17:21

Tgt Ion:119 Resp: 1003164
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 38.9
 91 24.9 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 52.366 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

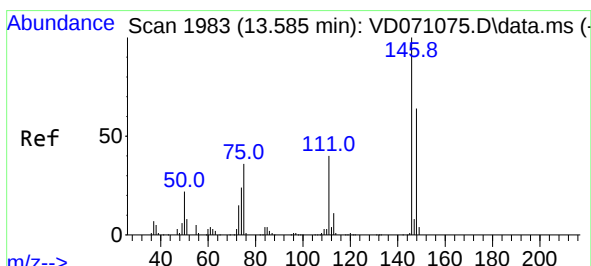
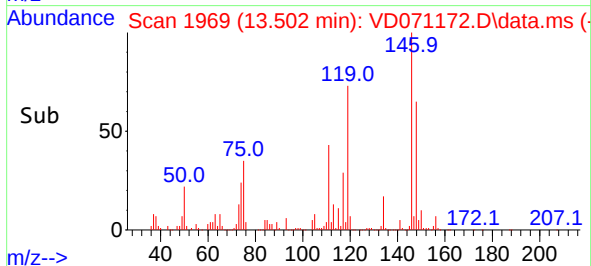
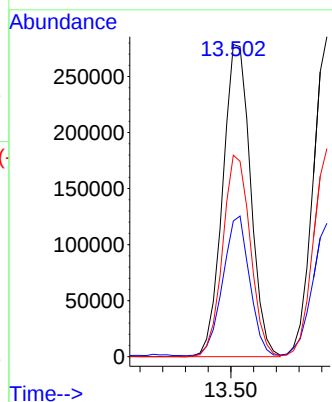
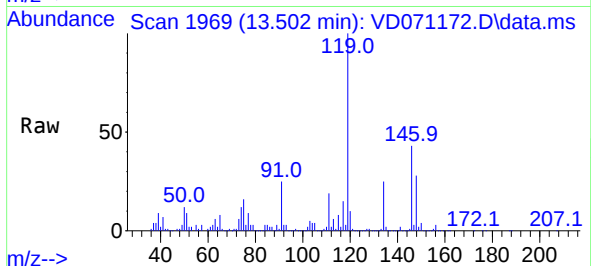
Tgt Ion:146 Resp: 473698

Ion Ratio Lower Upper

146 100

111 43.1 19.8 59.4

148 64.0 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 51.816 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

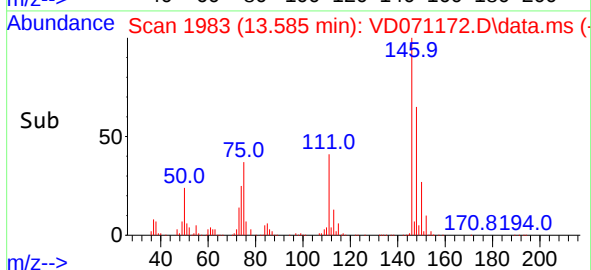
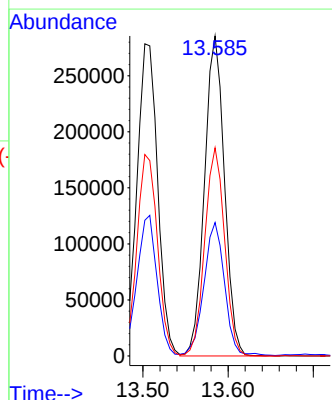
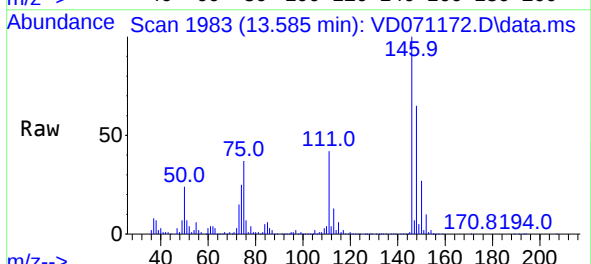
Tgt Ion:146 Resp: 464380

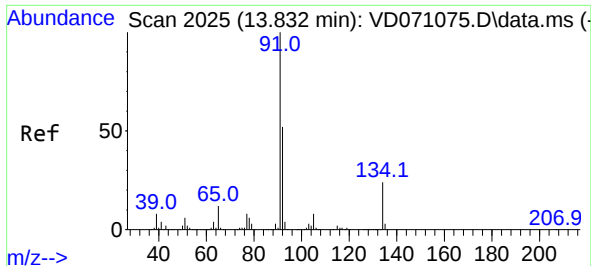
Ion Ratio Lower Upper

146 100

111 42.8 19.6 58.8

148 64.9 31.5 94.5

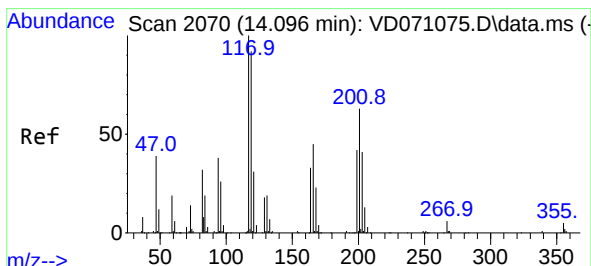
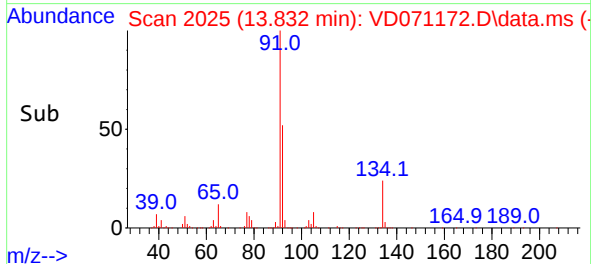
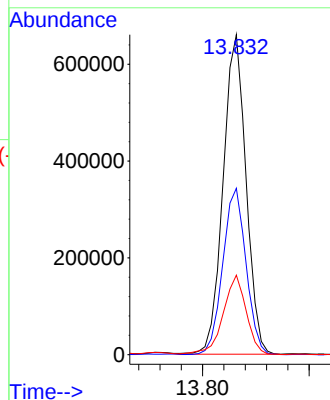
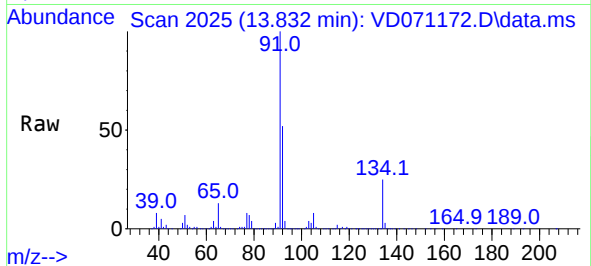




#89
n-Butylbenzene
Concen: 54.304 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

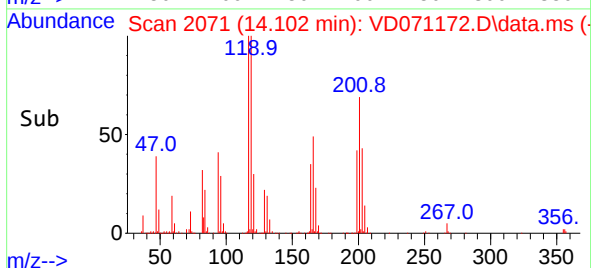
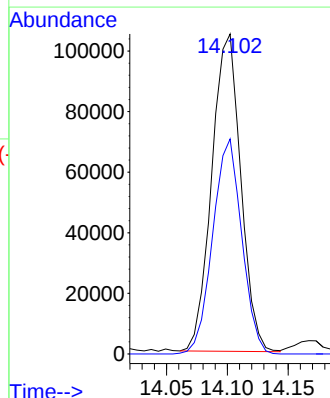
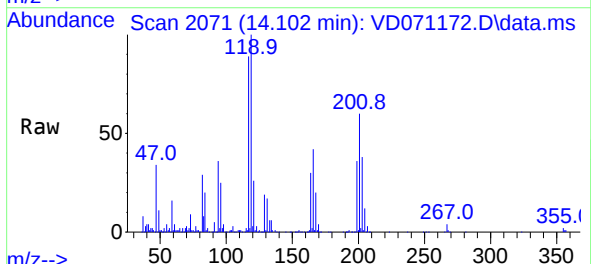
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

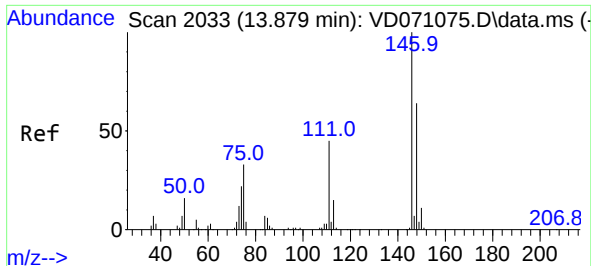
Tgt Ion: 91 Resp: 983891
Ion Ratio Lower Upper
91 100
92 52.8 27.3 81.9
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 49.358 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion: 117 Resp: 173660
Ion Ratio Lower Upper
117 100
201 67.7 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 53.843 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

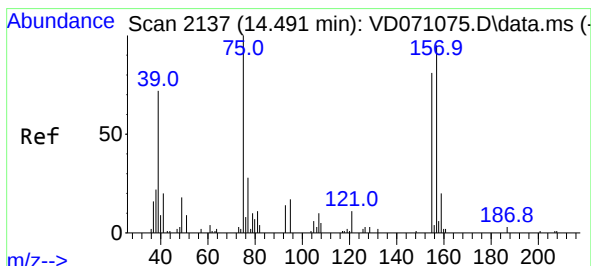
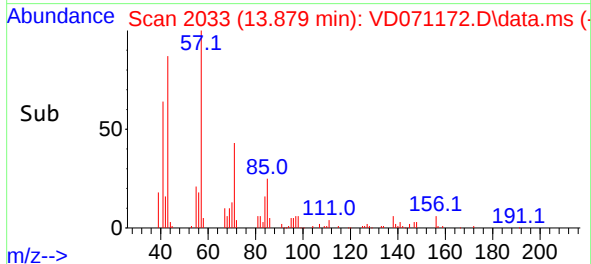
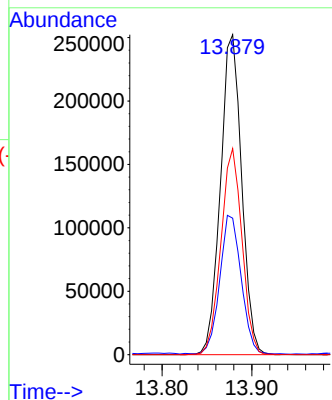
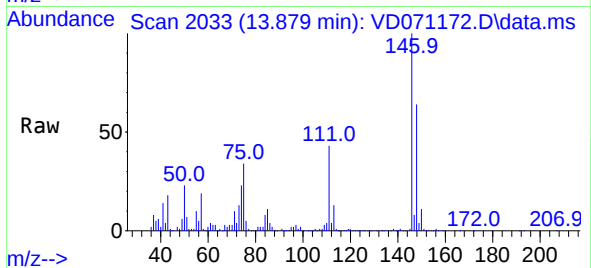
Tgt Ion:146 Resp: 414194

Ion Ratio Lower Upper

146 100

111 43.9 20.8 62.2

148 64.0 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.348 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.001 min

Lab File: VD071172.D

Acq: 06 Dec 2021 17:21

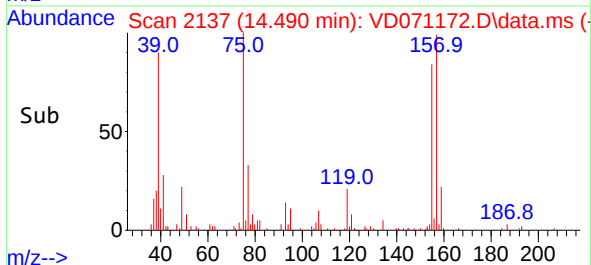
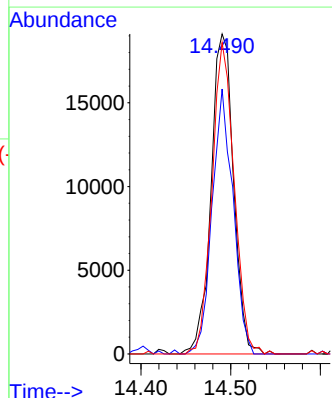
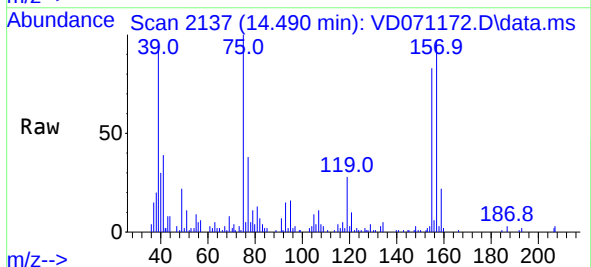
Tgt Ion: 75 Resp: 33391

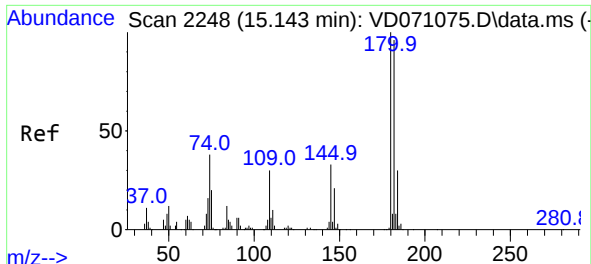
Ion Ratio Lower Upper

75 100

155 76.7 40.0 120.0

157 96.0 49.8 149.3

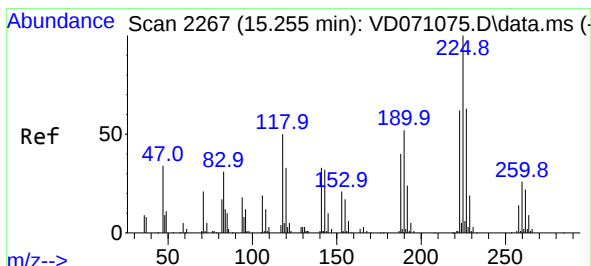
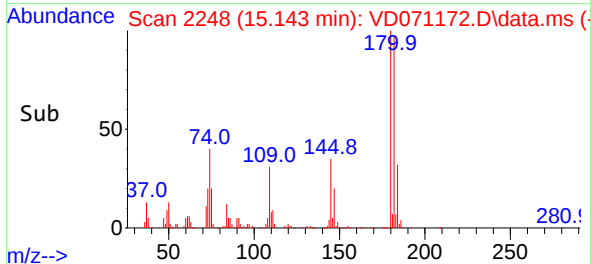
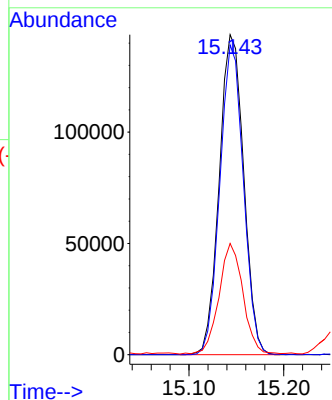
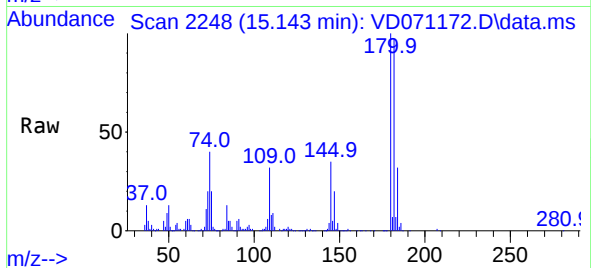




#93
1,2,4-Trichlorobenzene
Concen: 53.637 ug/l
RT: 15.143 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

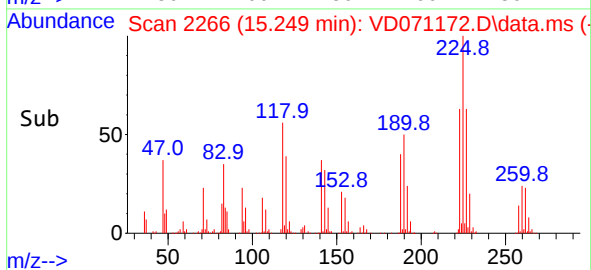
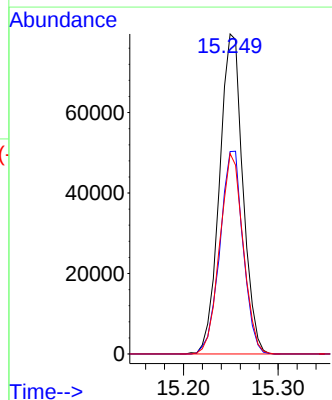
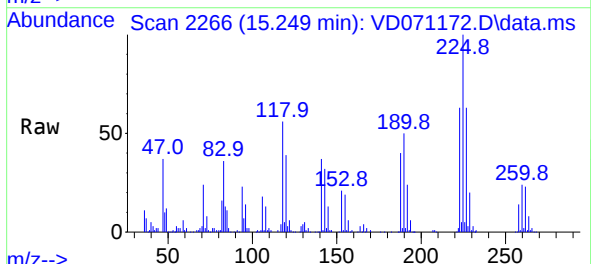
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

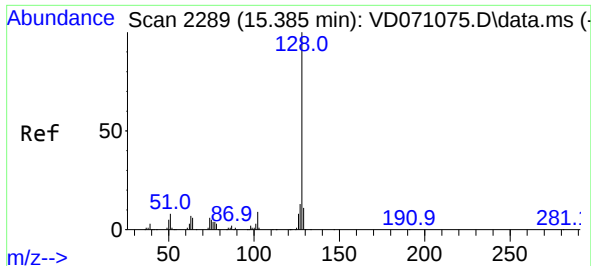
Tgt Ion:180 Resp: 257374
Ion Ratio Lower Upper
180 100
182 93.3 48.2 144.6
145 34.2 15.4 46.2



#94
Hexachlorobutadiene
Concen: 50.181 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion:225 Resp: 136240
Ion Ratio Lower Upper
225 100
223 62.8 31.8 95.3
227 62.4 31.6 94.8

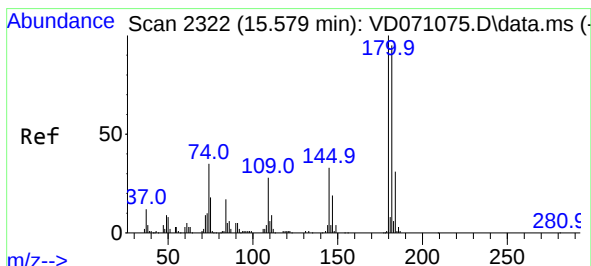
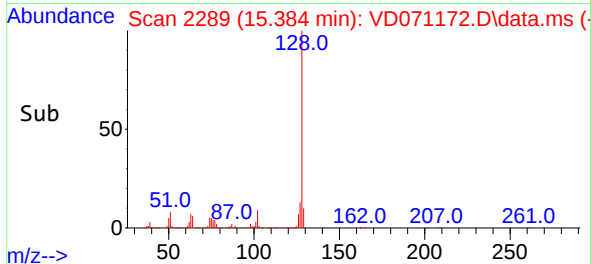
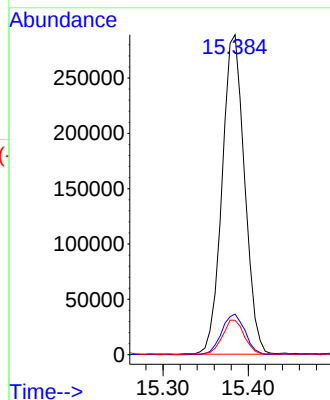
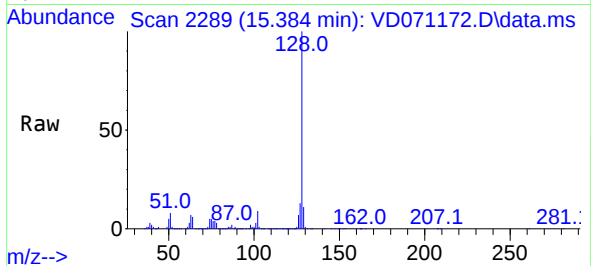




#95
Naphthalene
Concen: 62.517 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 528823
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.935 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD071172.D
Acq: 06 Dec 2021 17:21

Tgt Ion:180 Resp: 223887
Ion Ratio Lower Upper
180 100
182 93.6 46.7 140.1
145 35.7 15.9 47.6

