

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071331.D
 Acq On : 14 Dec 2021 20:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 15 08:34:09 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	243499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	422251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	410369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	208257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179379	62.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.560%
35) Dibromofluoromethane	7.914	113	158227	58.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.700%
50) Toluene-d8	10.338	98	537892	52.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.140%
62) 4-Bromofluorobenzene	12.620	95	210094	59.232	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.460%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	88418	42.581	ug/l	98
3) Chloromethane	2.215	50	153919	56.029	ug/l	97
4) Vinyl Chloride	2.350	62	184170	60.091	ug/l	97
5) Bromomethane	2.768	94	129060	58.415	ug/l	98
6) Chloroethane	2.920	64	137305	65.136	ug/l	95
7) Trichlorofluoromethane	3.273	101	221568	53.366	ug/l	98
8) Diethyl Ether	3.709	74	68914	61.226	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	134957	55.096	ug/l	93
10) Methyl Iodide	4.303	142	130311	46.149	ug/l	95
11) Tert butyl alcohol	5.214	59	65974	380.036	ug/l #	88
12) 1,1-Dichloroethene	4.073	96	114981	50.865	ug/l #	76
13) Acrolein	3.920	56	30110	154.212	ug/l	93
14) Allyl chloride	4.714	41	239496	55.779	ug/l #	82
15) Acrylonitrile	5.414	53	197767	361.288	ug/l	97
16) Acetone	4.156	43	231982	298.898	ug/l #	88
17) Carbon Disulfide	4.409	76	302393	45.690	ug/l	98
18) Methyl Acetate	4.720	43	145928	69.223	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	360028	64.988	ug/l	99
20) Methylene Chloride	4.962	84	171480	60.340	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	140869	55.360	ug/l	94
22) Diisopropyl ether	6.361	45	553635	64.357	ug/l	91
23) Vinyl Acetate	6.303	43	1353780	286.545	ug/l	96
24) 1,1-Dichloroethane	6.267	63	301377	60.909	ug/l	99
25) 2-Butanone	7.214	43	273901	305.483	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	232399	51.652	ug/l	95
27) cis-1,2-Dichloroethene	7.214	96	172421	59.894	ug/l	92
28) Bromochloromethane	7.544	49	134870	62.756	ug/l	90
29) Tetrahydrofuran	7.561	42	161319	355.569	ug/l	93
30) Chloroform	7.708	83	316956	63.828	ug/l	99
31) Cyclohexane	7.985	56	228534	47.023	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	256877	57.617	ug/l #	93
36) 1,1-Dichloropropene	8.108	75	212273	53.788	ug/l	97
37) Ethyl Acetate	7.285	43	113102	66.346	ug/l #	93
38) Carbon Tetrachloride	8.097	117	219218	56.351	ug/l	94
39) Methylcyclohexane	9.355	83	227149	47.854	ug/l	96
40) Benzene	8.350	78	613336	57.215	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	67239	72.931	ug/l #	79
42) 1,2-Dichloroethane	8.420	62	212769	65.024	ug/l	93
43) Isopropyl Acetate	8.450	43	224469	58.813	ug/l #	88
44) Trichloroethene	9.108	130	156496	54.754	ug/l	99
45) 1,2-Dichloropropane	9.385	63	177305	62.894	ug/l	99
46) Dibromomethane	9.473	93	93920	64.214	ug/l	93
47) Bromodichloromethane	9.655	83	246749	63.792	ug/l	99
48) Methyl methacrylate	9.450	41	112900	67.658	ug/l #	81
49) 1,4-Dioxane	9.461	88	21185	1500.502	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	603856	306.267	ug/l	91
52) Toluene	10.397	92	388759	57.157	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	218481	61.435	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	251731	59.591	ug/l #	79
55) 1,1,2-Trichloroethane	10.797	97	128864	67.161	ug/l	96
56) Ethyl methacrylate	10.655	69	160915	57.270	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	223397	66.278	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	374848	287.097	ug/l	99
59) 2-Hexanone	10.979	43	433354	292.380	ug/l	87
60) Dibromochloromethane	11.132	129	161319	67.648	ug/l	98
61) 1,2-Dibromoethane	11.238	107	118503	64.308	ug/l	95
64) Tetrachloroethene	10.873	164	131833	50.603	ug/l	94
65) Chlorobenzene	11.661	112	425275	55.854	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	164999	59.350	ug/l	99
67) Ethyl Benzene	11.738	91	780118	54.425	ug/l	99
68) m/p-Xylenes	11.844	106	587727	108.608	ug/l	96
69) o-Xylene	12.173	106	282637	55.570	ug/l	98
70) Styrene	12.185	104	495339	57.786	ug/l	98
71) Bromoform	12.355	173	94141	65.364	ug/l #	99
73) Isopropylbenzene	12.473	105	746169	49.482	ug/l	99
74) N-amyl acetate	12.279	43	211573	51.104	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	154885	62.371	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	195192	98.374	ug/l #	1
77) Bromobenzene	12.749	156	169998	52.047	ug/l	96
78) n-propylbenzene	12.808	91	941006	50.109	ug/l	100
79) 2-Chlorotoluene	12.896	91	543582	51.574	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	634249	51.006	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	38089	45.488	ug/l #	71
82) 4-Chlorotoluene	12.996	91	559073	51.094	ug/l	100
83) tert-Butylbenzene	13.214	119	544485	50.986	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	636274	52.410	ug/l	97
85) sec-Butylbenzene	13.390	105	811913	49.778	ug/l	100
86) p-Isopropyltoluene	13.502	119	673797	50.508	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	348832	53.651	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	341516	53.017	ug/l	99
89) n-Butylbenzene	13.832	91	655824	50.360	ug/l	98
90) Hexachloroethane	14.096	117	132818	52.520	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	310197	56.101	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24778	61.270	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	186179	53.981	ug/l	97
94) Hexachlorobutadiene	15.249	225	95251	48.810	ug/l	99
95) Naphthalene	15.379	128	359959	59.204	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	164418	56.128	ug/l	100

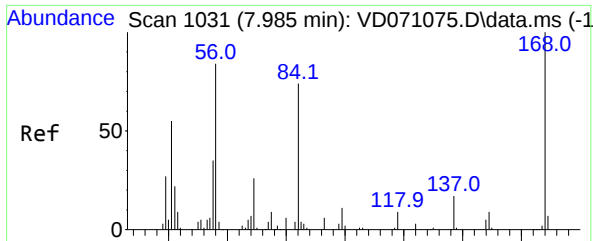
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
Data File : VD071331.D
Acq On : 14 Dec 2021 20:09
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Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

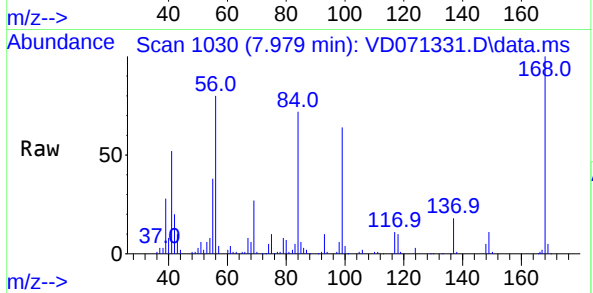
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

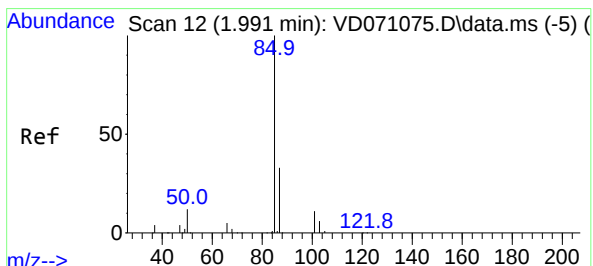
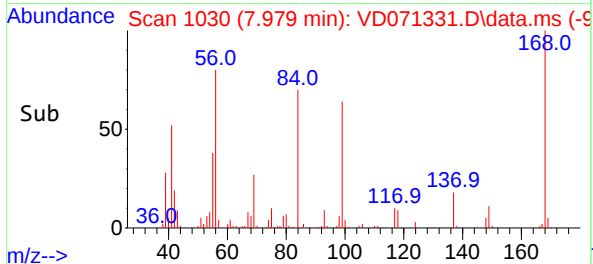
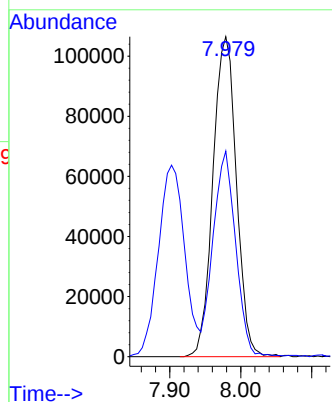


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

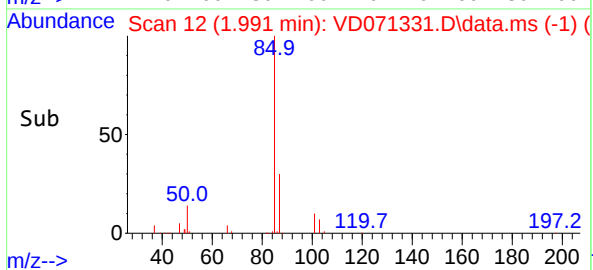
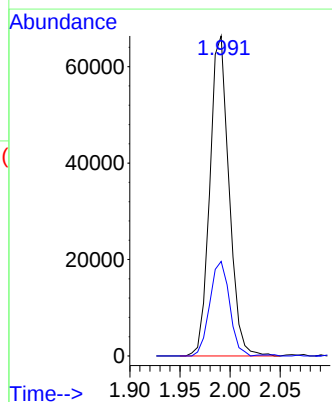
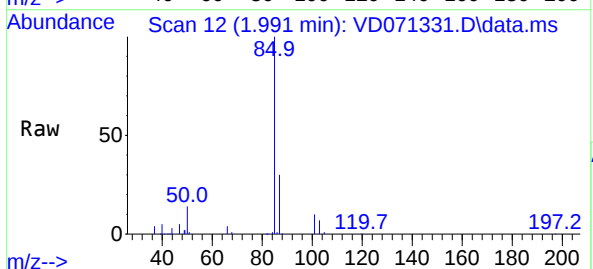


Tgt Ion:168 Resp: 243499
Ion Ratio Lower Upper
168 100
99 63.9 46.6 69.8

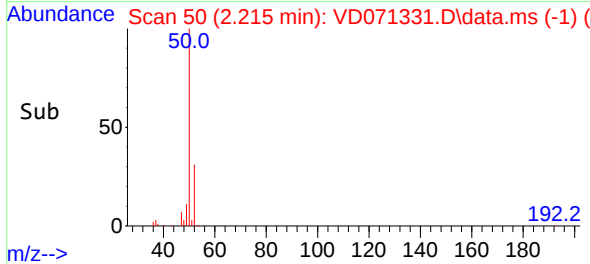
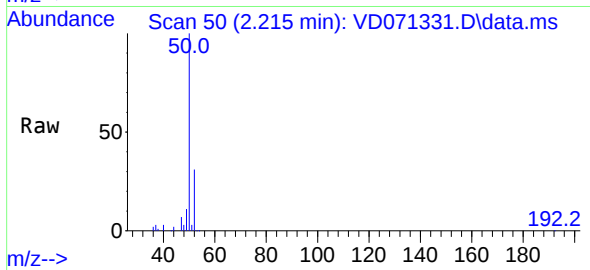
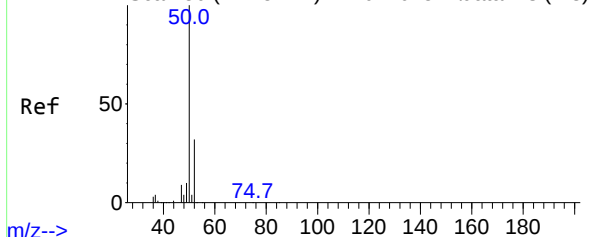


#2
Dichlorodifluoromethane
Concen: 42.581 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 85 Resp: 88418
Ion Ratio Lower Upper
85 100
87 29.6 15.2 45.6



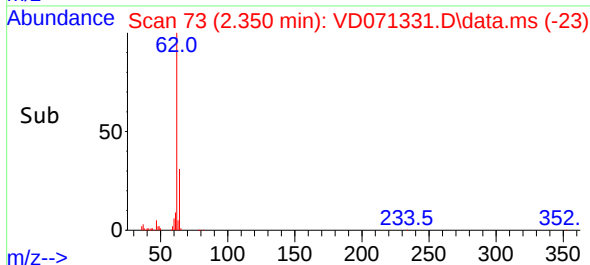
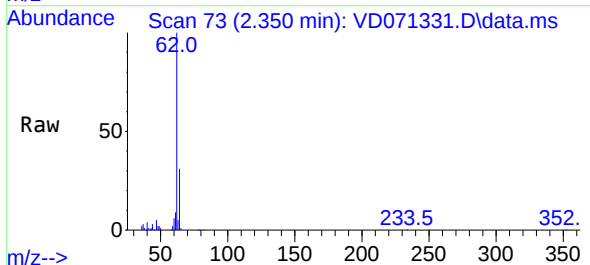
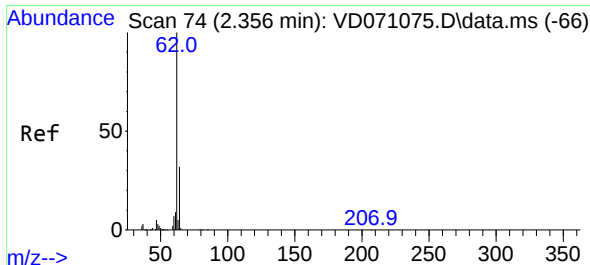
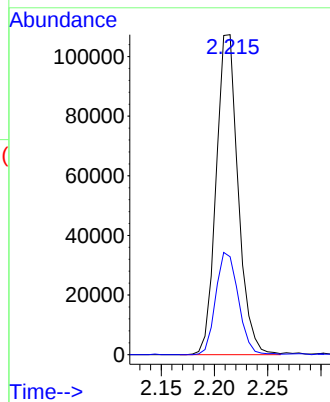
Abundance Scan 50 (2.215 min): VD071075.D\data.ms (-43)



#3
Chloromethane
Concen: 56.029 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

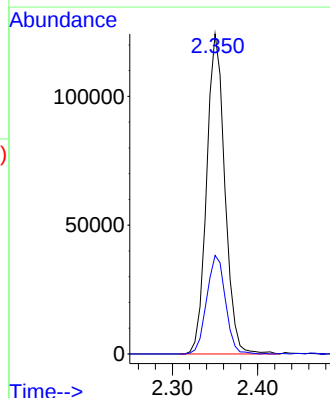
Instrument :
MSVOA_D
ClientSampleId :

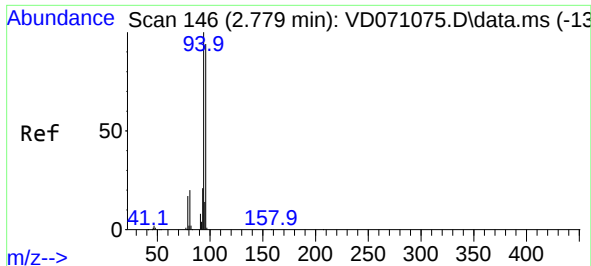
Tgt Ion: 50 Resp: 153919
Ion Ratio Lower Upper
50 100
52 30.6 25.8 38.8



#4
Vinyl Chloride
Concen: 60.091 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 62 Resp: 184170
Ion Ratio Lower Upper
62 100
64 30.8 26.0 39.0

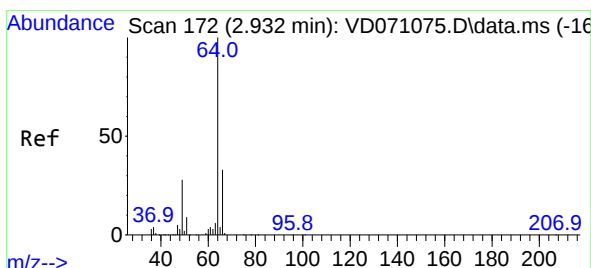
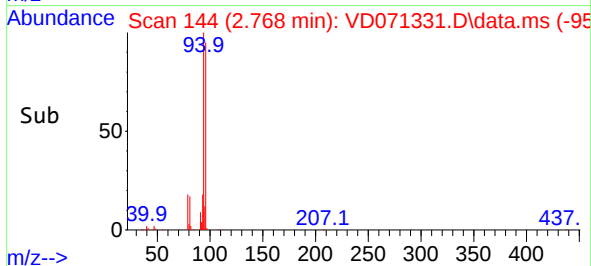
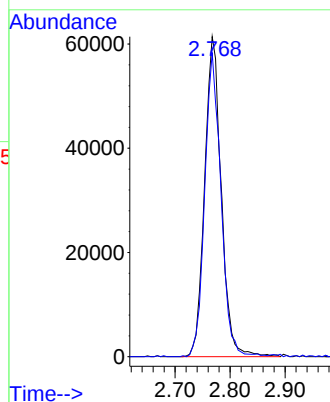
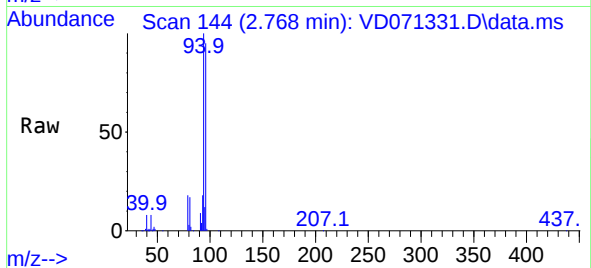




#5
Bromomethane
Concen: 58.415 ug/l
RT: 2.768 min Scan# 14
Delta R.T. -0.011 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

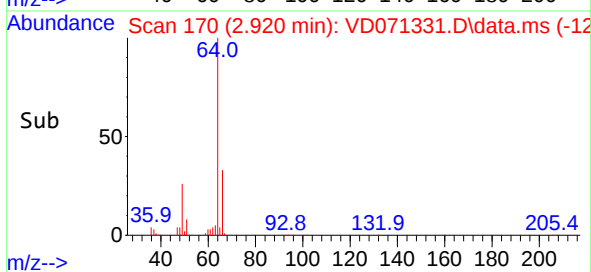
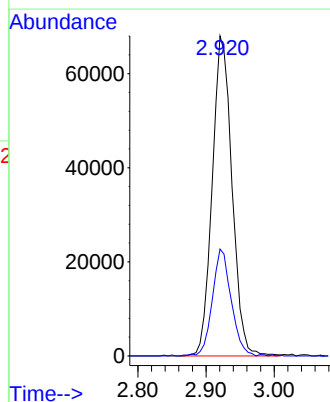
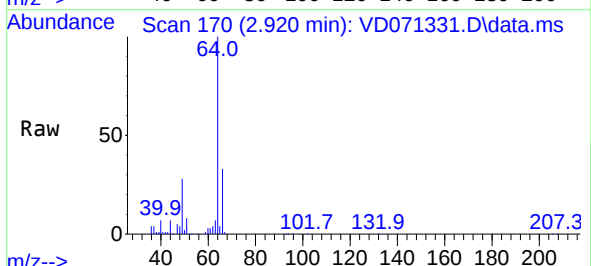
Instrument :
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ClientSampleId :

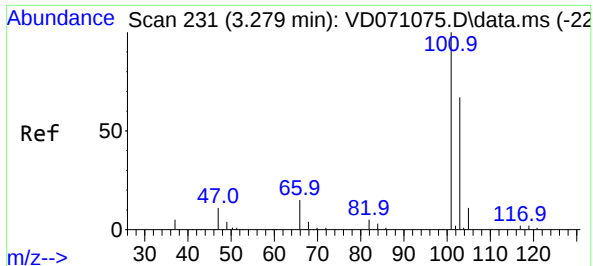
Tgt Ion: 94 Resp: 129060
Ion Ratio Lower Upper
94 100
96 95.1 74.8 112.2



#6
Chloroethane
Concen: 65.136 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.012 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 64 Resp: 137305
Ion Ratio Lower Upper
64 100
66 33.4 29.0 43.4

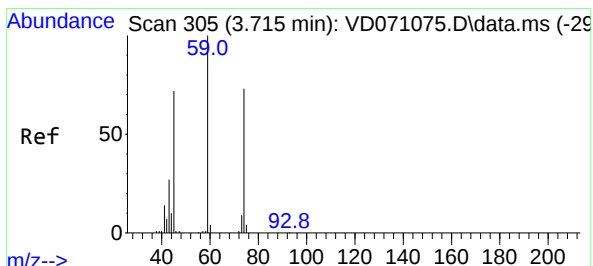
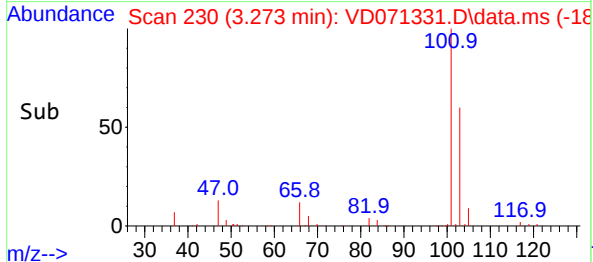
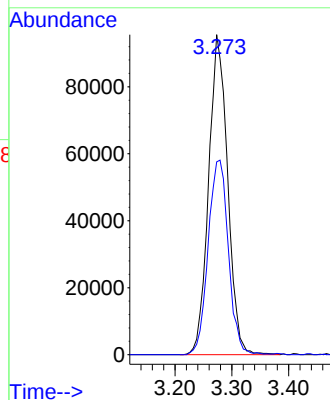
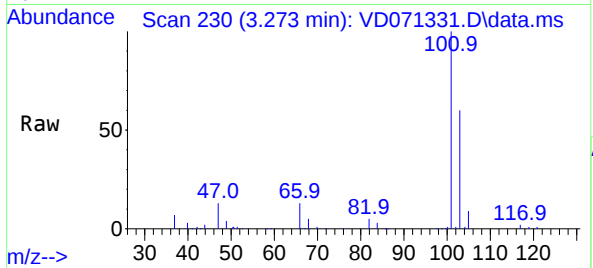




#7
Trichlorofluoromethane
Concen: 53.366 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

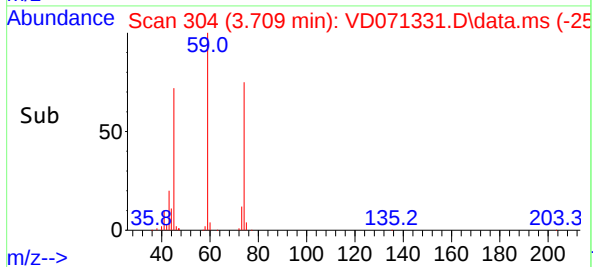
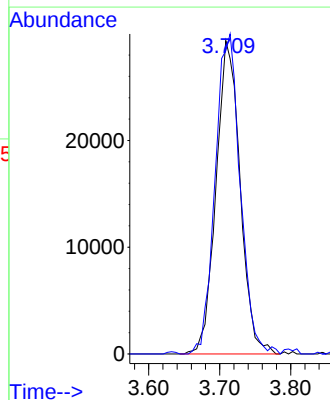
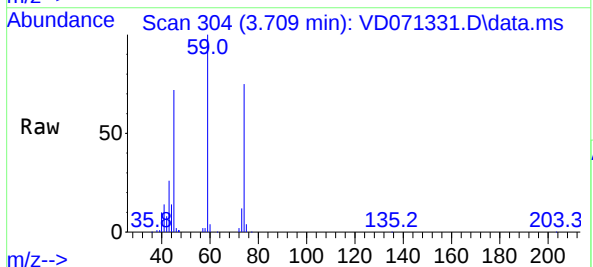
Instrument :
MSVOA_D
ClientSampleId :

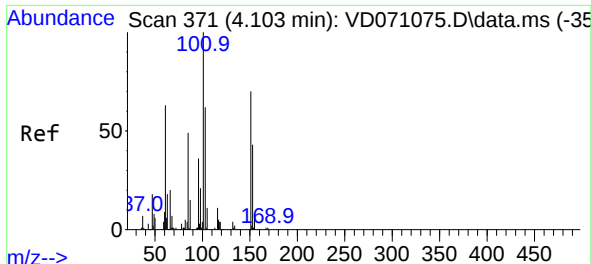
Tgt Ion:101 Resp: 221568
Ion Ratio Lower Upper
101 100
103 60.2 49.7 74.5



#8
Diethyl Ether
Concen: 61.226 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 74 Resp: 68914
Ion Ratio Lower Upper
74 100
45 106.2 49.6 149.0

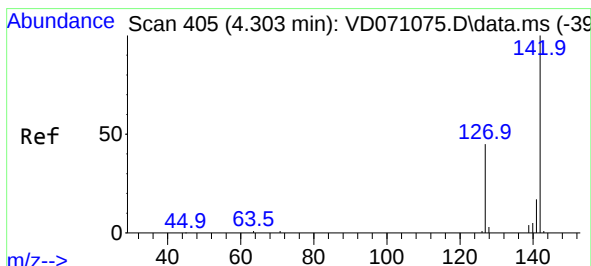
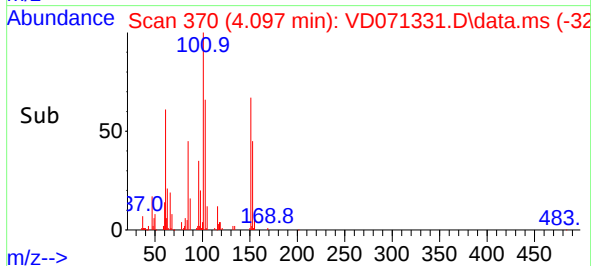
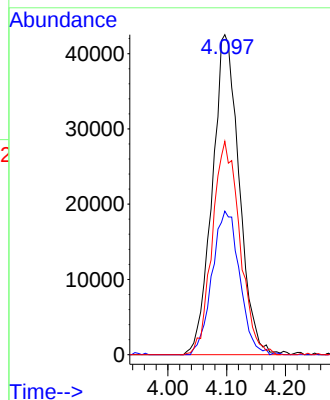
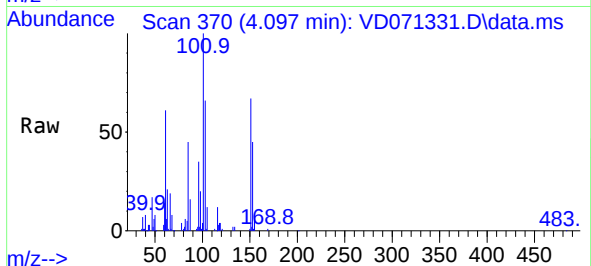




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.096 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

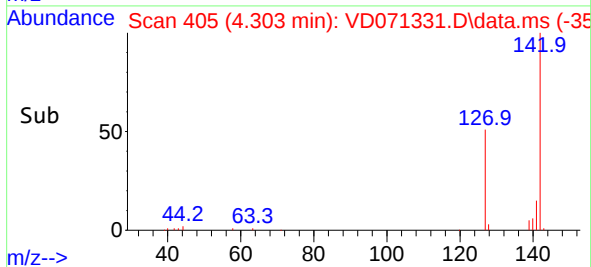
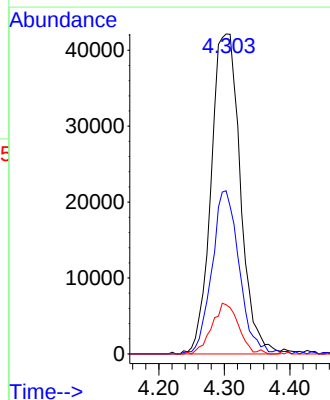
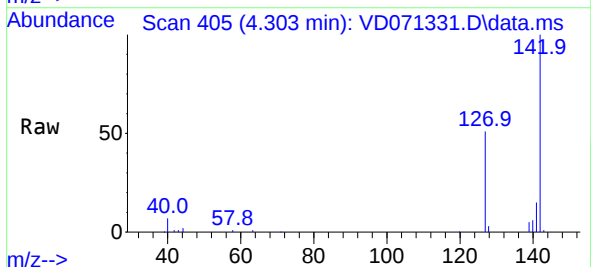
Instrument :
MSVOA_D
ClientSampleId :

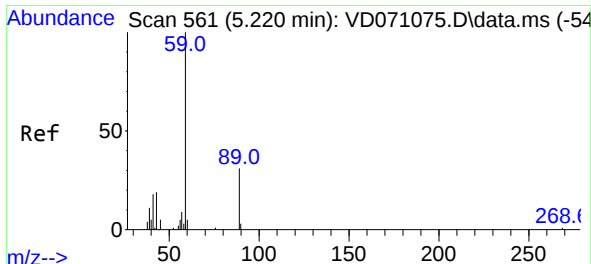
Tgt Ion:101 Resp: 134957
Ion Ratio Lower Upper
101 100
85 45.9 34.8 52.2
151 68.3 60.4 90.6



#10
Methyl Iodide
Concen: 46.149 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion:142 Resp: 130311
Ion Ratio Lower Upper
142 100
127 47.5 35.0 52.4
141 14.2 12.0 18.0

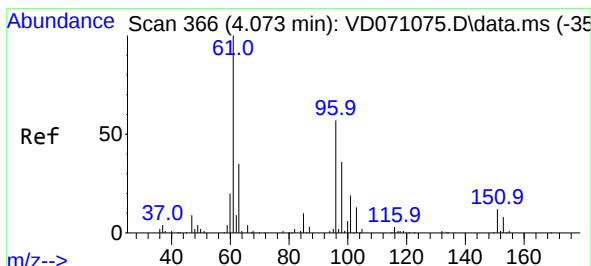
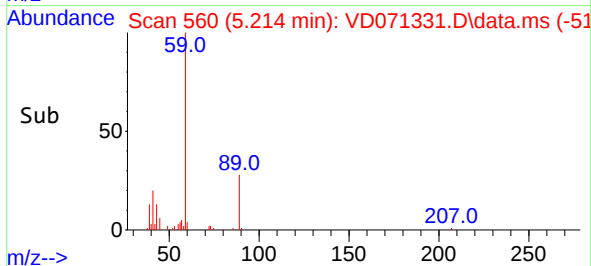
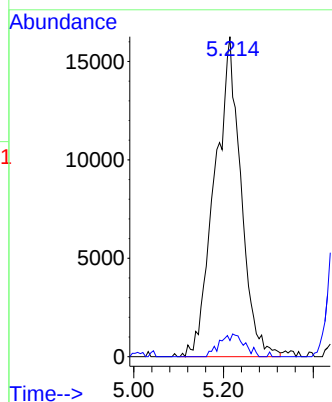
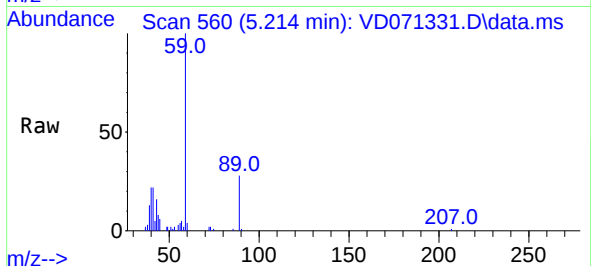




#11
Tert butyl alcohol
Concen: 380.036 ug/l
RT: 5.214 min Scan# 50
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

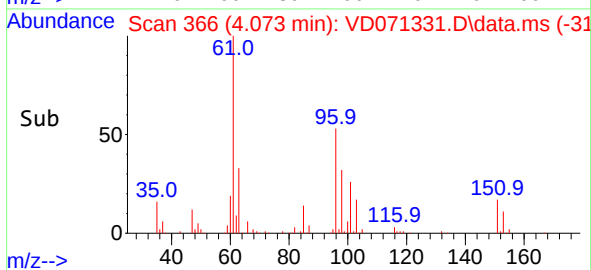
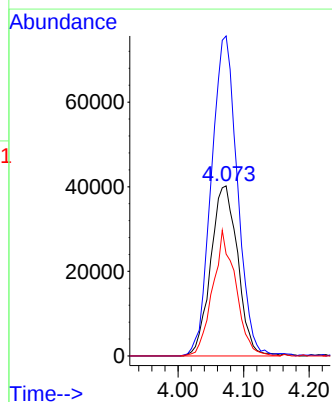
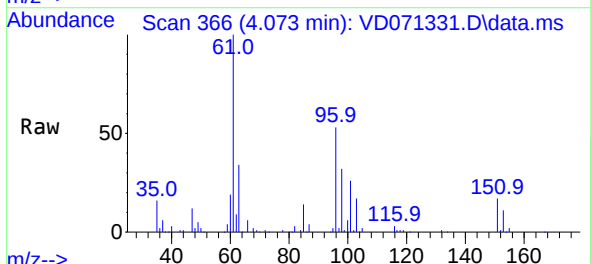
Instrument :
MSVOA_D
ClientSampleId :

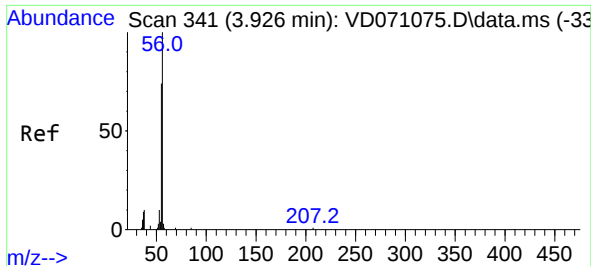
Tgt Ion: 59 Resp: 65974
Ion Ratio Lower Upper
59 100
57 6.7 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 50.865 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 96 Resp: 114981
Ion Ratio Lower Upper
96 100
61 188.1 120.3 180.5#
98 59.9 54.4 81.6

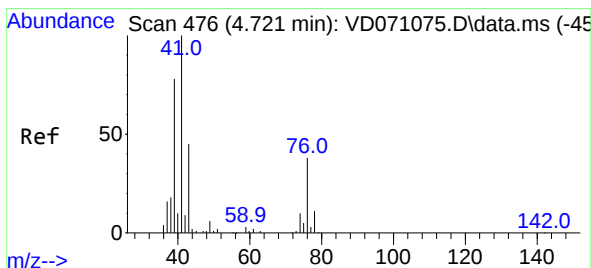
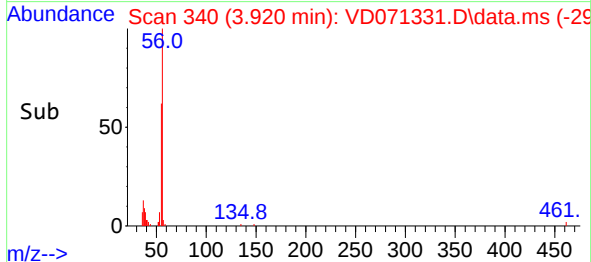
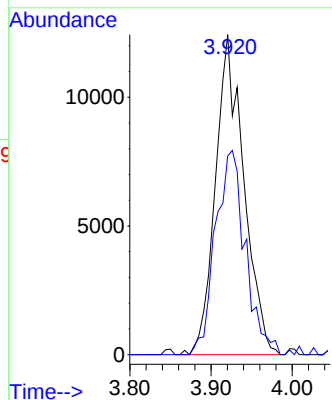
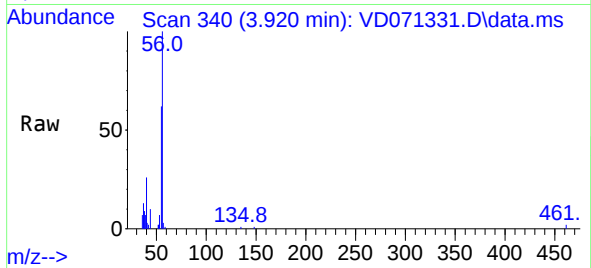




#13
Acrolein
Concen: 154.212 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

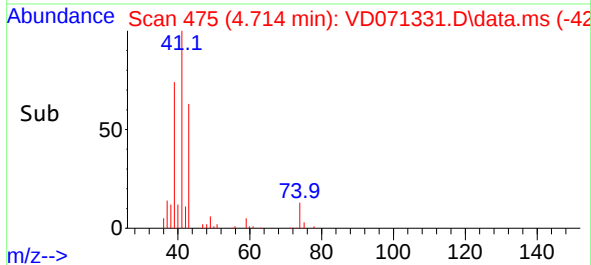
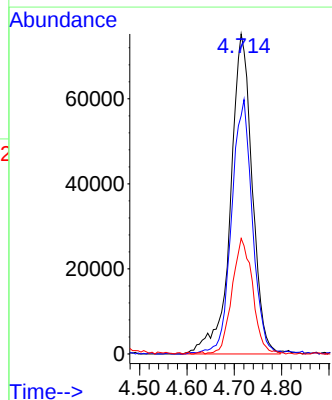
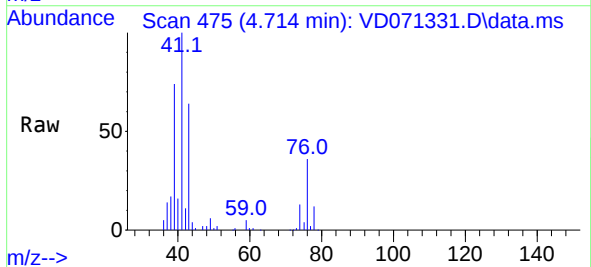
Instrument :
MSVOA_D
ClientSampleId :

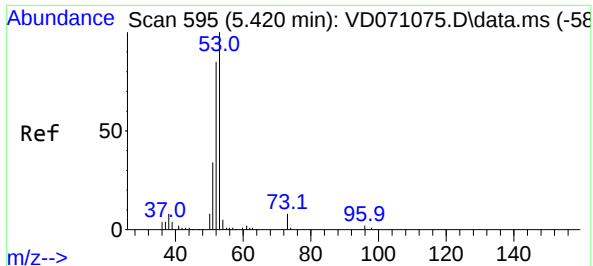
Tgt Ion: 56 Resp: 30110
Ion Ratio Lower Upper
56 100
55 67.5 58.6 87.8



#14
Allyl chloride
Concen: 55.779 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.007 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 41 Resp: 239496
Ion Ratio Lower Upper
41 100
39 76.4 45.6 68.4
76 34.3 30.2 45.4





#15

Acrylonitrile

Concen: 361.288 ug/l

RT: 5.414 min Scan# 594

Delta R.T. -0.006 min

Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

Instrument :

MSVOA_D

ClientSampleId :

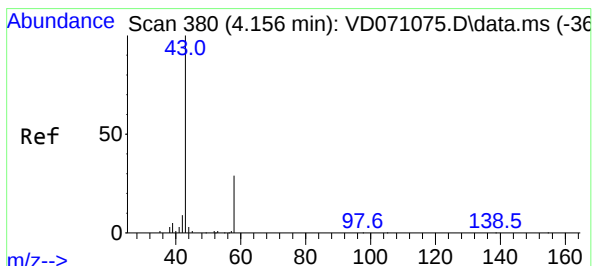
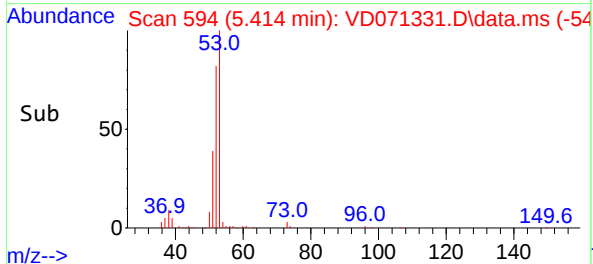
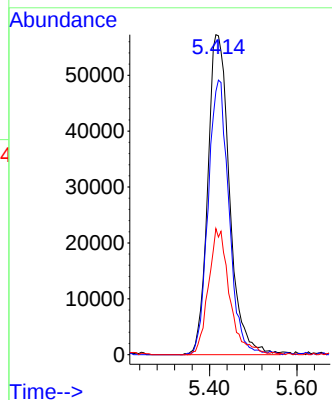
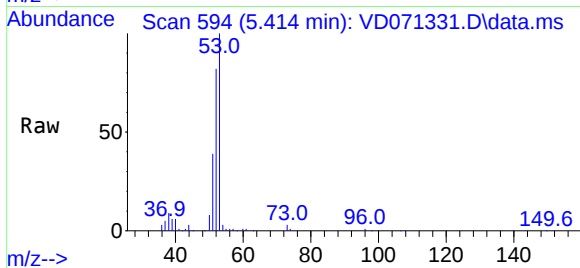
Tgt Ion: 53 Resp: 197767

Ion Ratio Lower Upper

53 100

52 81.9 63.8 95.8

51 38.4 28.5 42.7



#16

Acetone

Concen: 298.898 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD071331.D

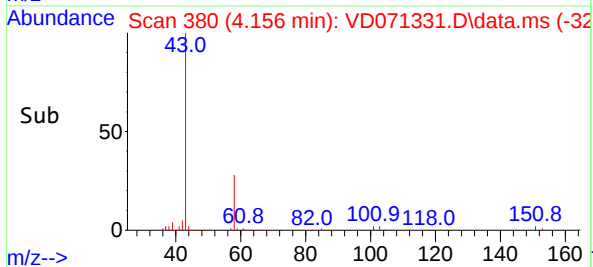
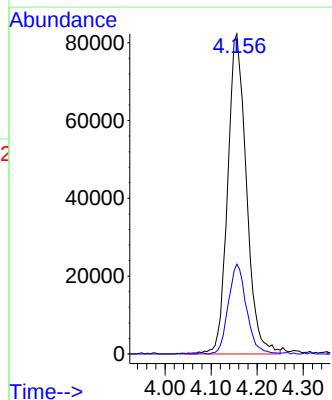
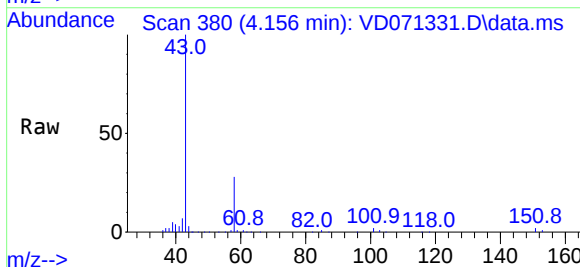
Acq: 14 Dec 2021 20:09

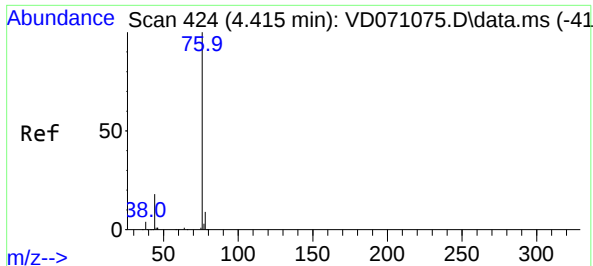
Tgt Ion: 43 Resp: 231982

Ion Ratio Lower Upper

43 100

58 27.8 27.8 41.8#

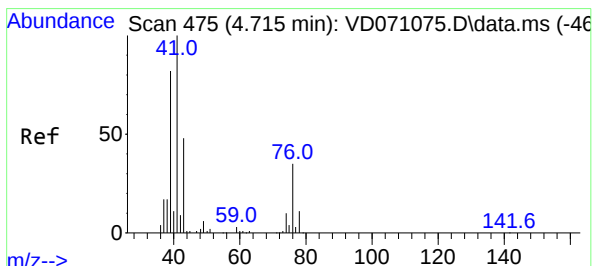
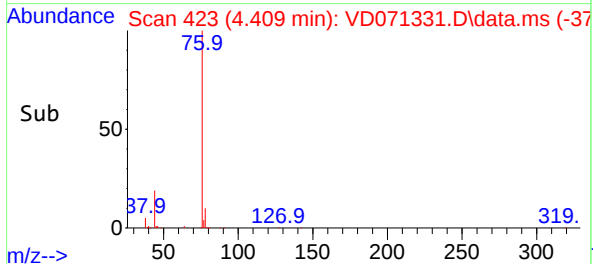
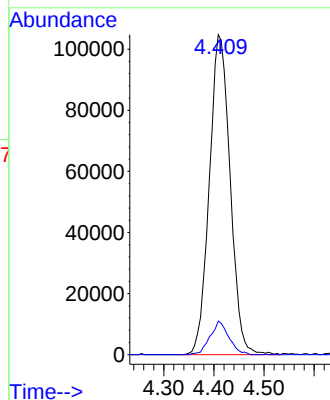
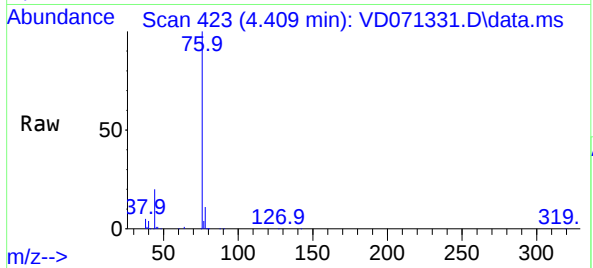




#17
Carbon Disulfide
Concen: 45.690 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

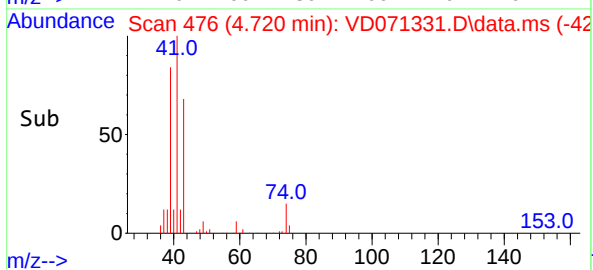
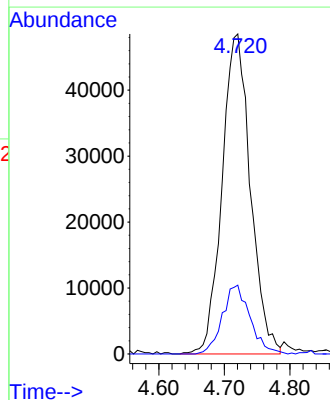
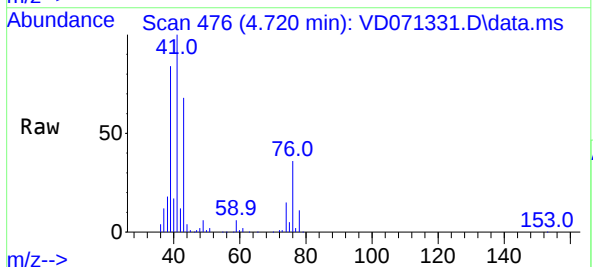
Instrument :
MSVOA_D
ClientSampleId :

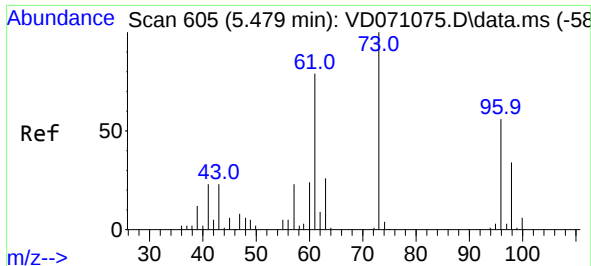
Tgt Ion: 76 Resp: 302393
Ion Ratio Lower Upper
76 100
78 10.5 7.8 11.8



#18
Methyl Acetate
Concen: 69.223 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 43 Resp: 145928
Ion Ratio Lower Upper
43 100
74 20.9 19.3 28.9

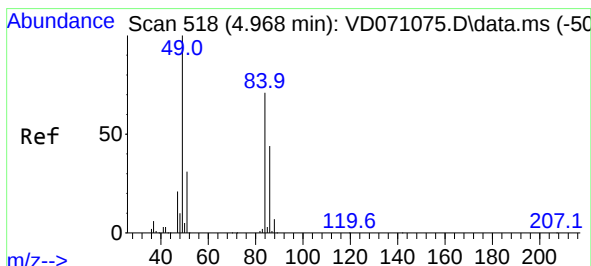
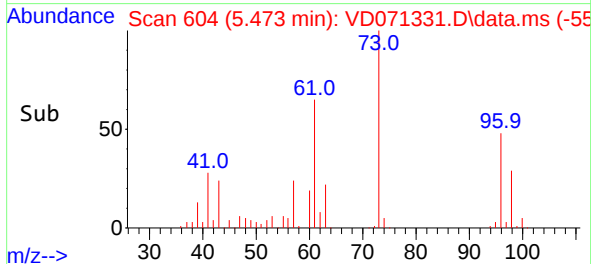
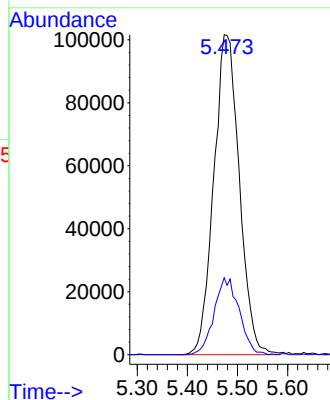
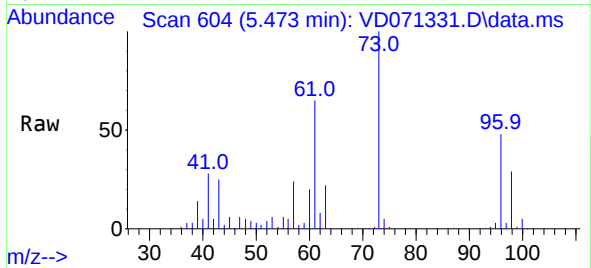




#19
Methyl tert-butyl Ether
Concen: 64.988 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

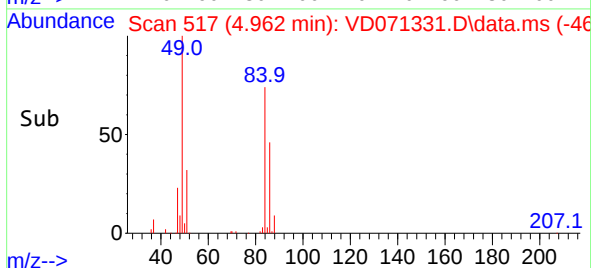
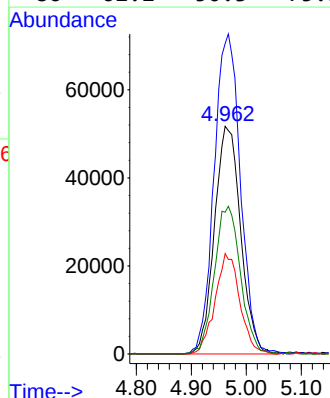
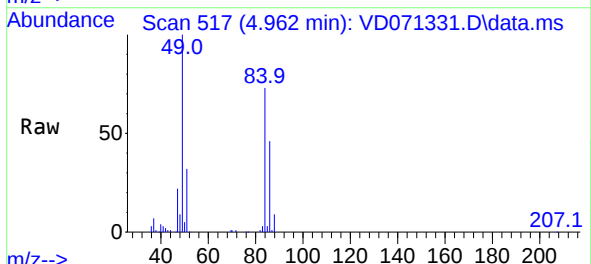
Instrument :
MSVOA_D
ClientSampleId :

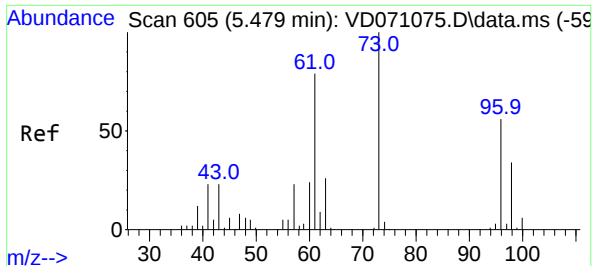
Tgt Ion: 73 Resp: 360028
Ion Ratio Lower Upper
73 100
57 24.1 18.9 28.3



#20
Methylene Chloride
Concen: 60.340 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 84 Resp: 171480
Ion Ratio Lower Upper
84 100
49 136.3 95.8 143.6
51 44.0 30.9 46.3
86 62.2 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 55.360 ug/l

RT: 5.473 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

Instrument :

MSVOA_D

ClientSampleId :

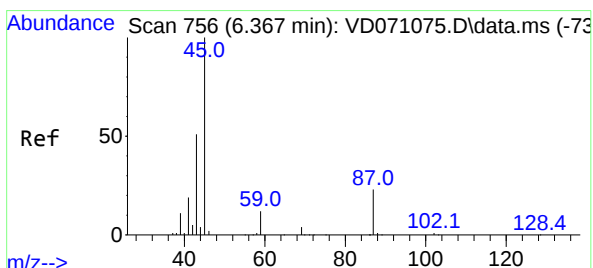
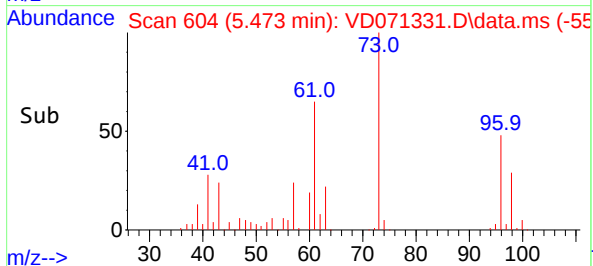
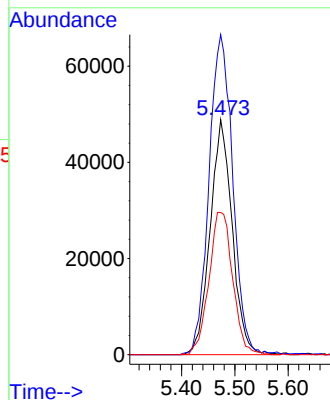
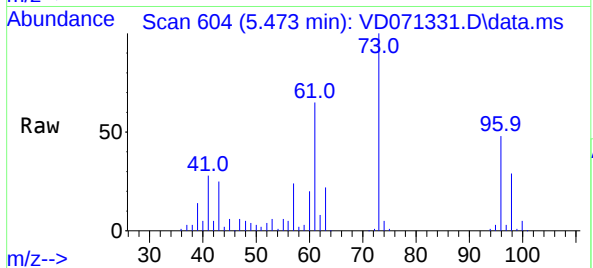
Tgt Ion: 96 Resp: 140869

Ion Ratio Lower Upper

96 100

61 136.1 102.1 153.1

98 60.5 50.1 75.1



#22

Diisopropyl ether

Concen: 64.357 ug/l

RT: 6.361 min Scan# 755

Delta R.T. -0.006 min

Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

Tgt Ion: 45 Resp: 553635

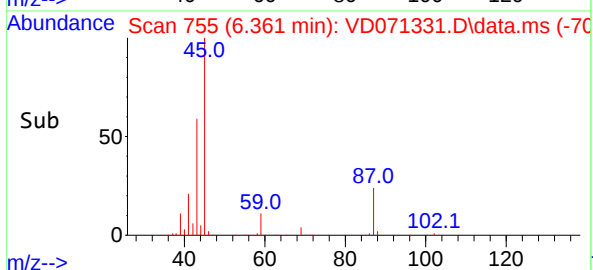
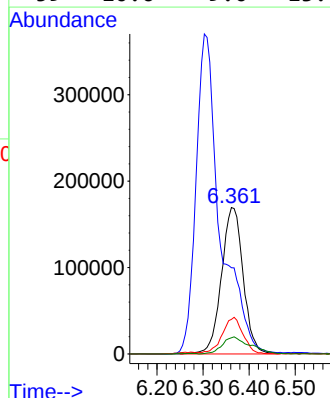
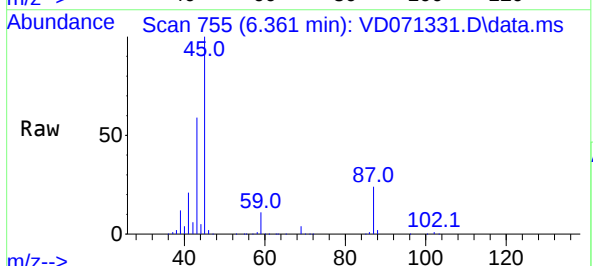
Ion Ratio Lower Upper

45 100

43 57.7 39.6 59.4

87 23.5 21.2 31.8

59 10.6 9.0 13.6

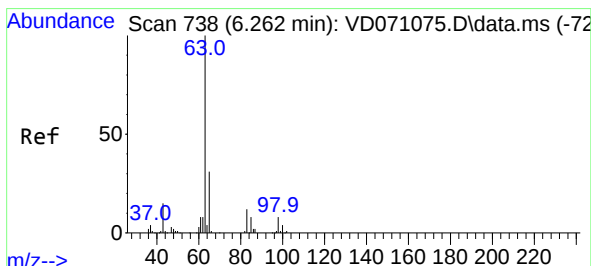
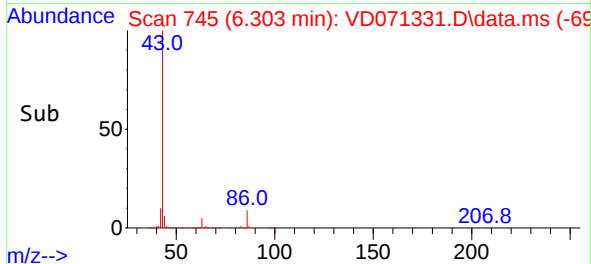
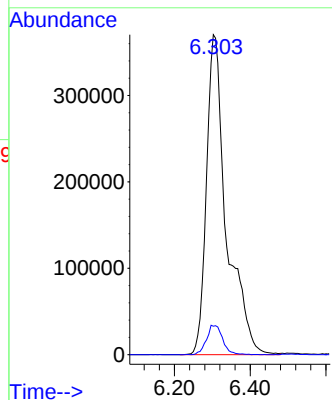
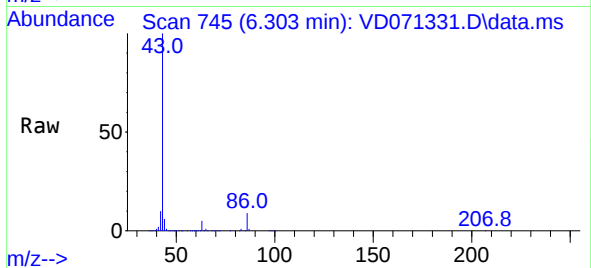




#23
 Vinyl Acetate
 Concen: 286.545 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071331.D
 Acq: 14 Dec 2021 20:09

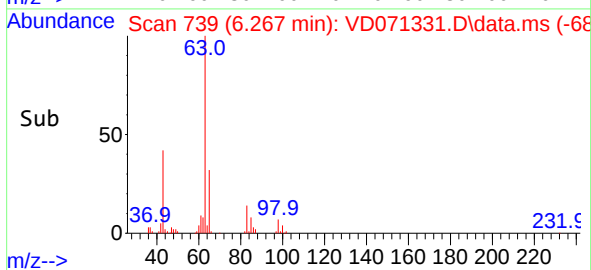
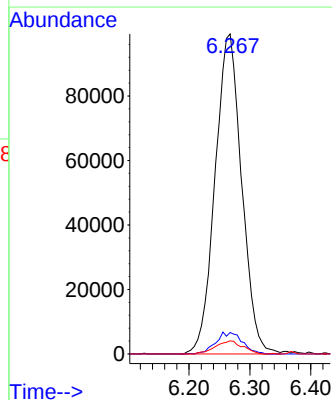
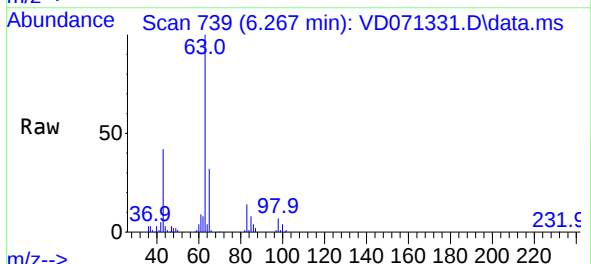
Instrument :
 MSVOA_D
 ClientSampleId :

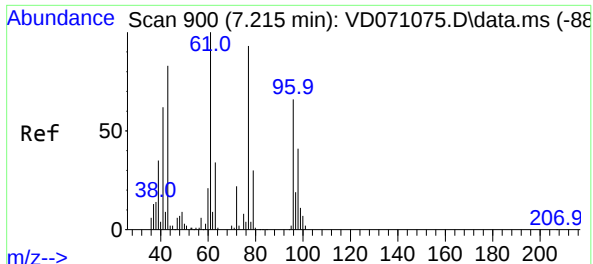
Tgt Ion: 43 Resp: 1353780
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 60.909 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071331.D
 Acq: 14 Dec 2021 20:09

Tgt Ion: 63 Resp: 301377
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.1 2.1 6.3

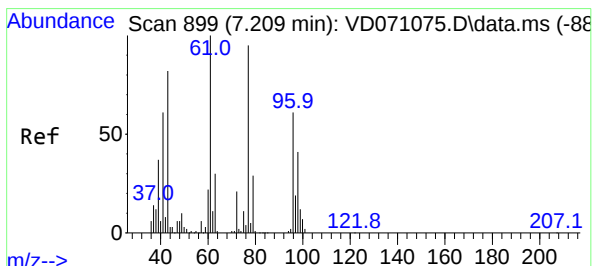
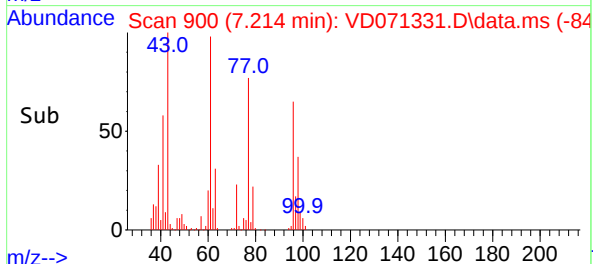
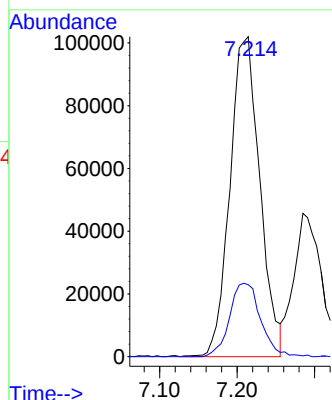
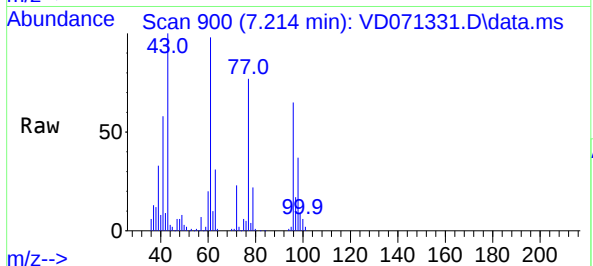




#25
2-Butanone
Concen: 305.483 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.001 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

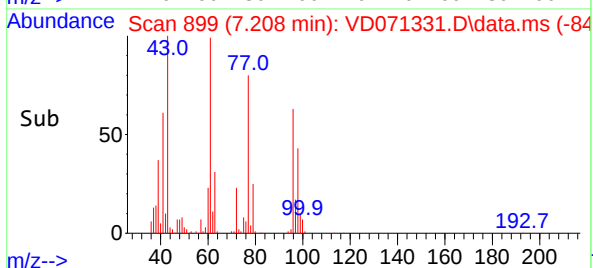
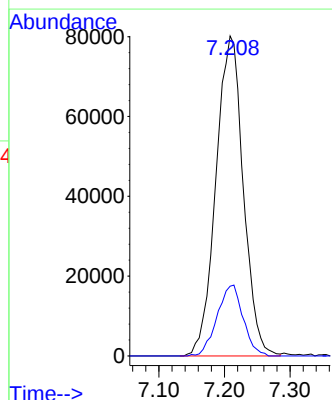
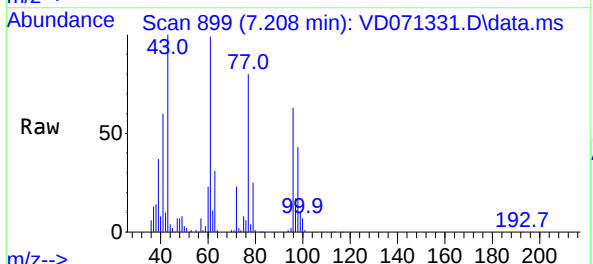
Instrument :
MSVOA_D
ClientSampleId :

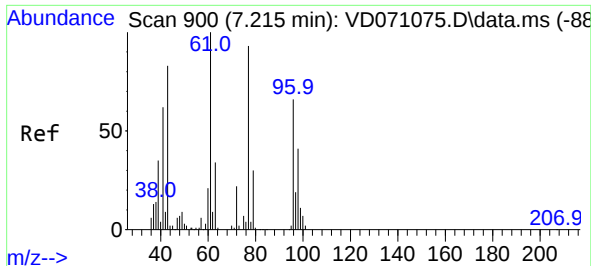
Tgt Ion: 43 Resp: 273901
Ion Ratio Lower Upper
43 100
72 22.5 23.8 35.6#



#26
2,2-Dichloropropane
Concen: 51.652 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 77 Resp: 232399
Ion Ratio Lower Upper
77 100
97 21.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 59.894 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.001 min

Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

Instrument :

MSVOA_D

ClientSampleId :

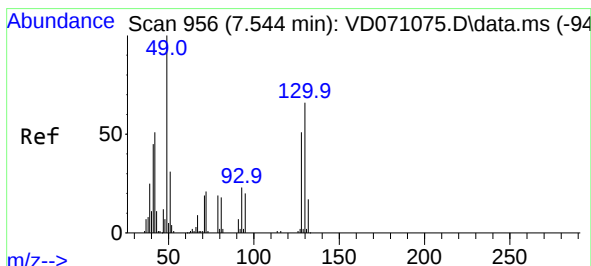
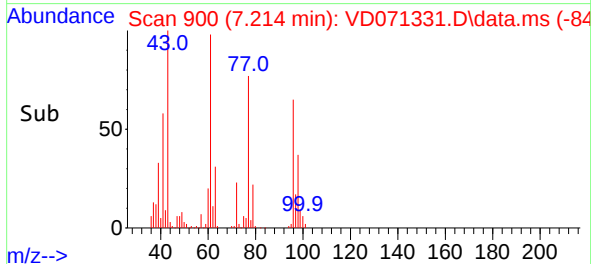
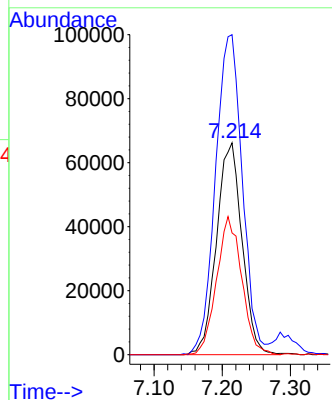
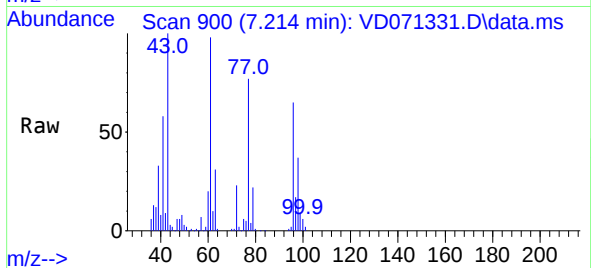
Tgt Ion: 96 Resp: 172421

Ion Ratio Lower Upper

96 100

61 159.0 0.0 288.6

98 64.2 0.0 129.2



#28

Bromochloromethane

Concen: 62.756 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

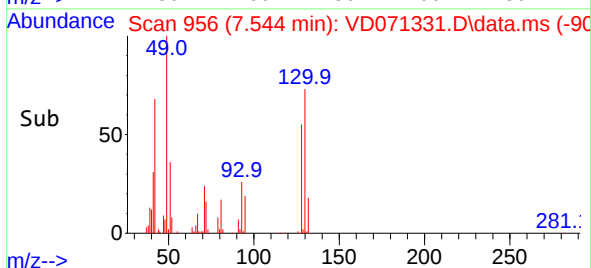
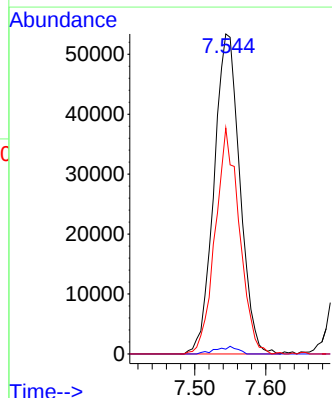
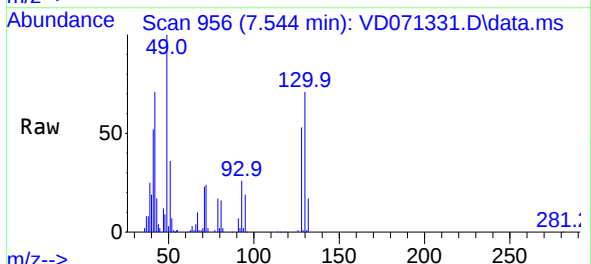
Tgt Ion: 49 Resp: 134870

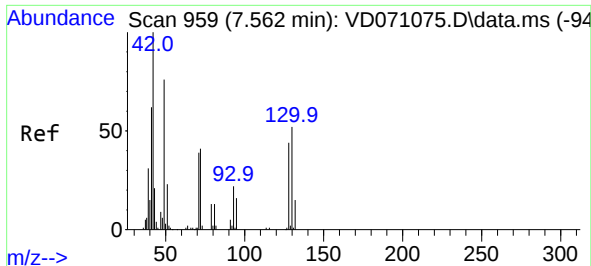
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

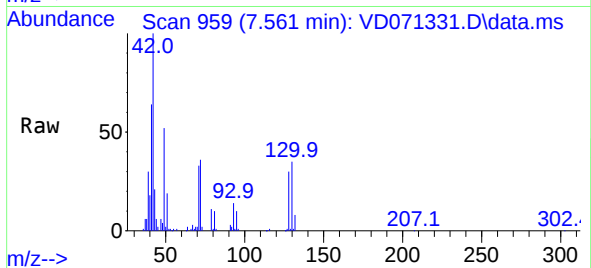
130 66.1 60.2 90.2



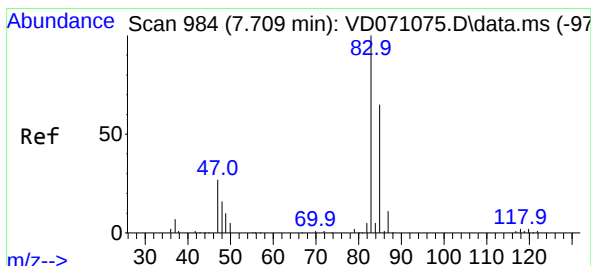
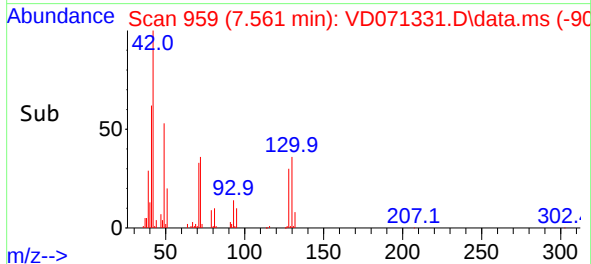
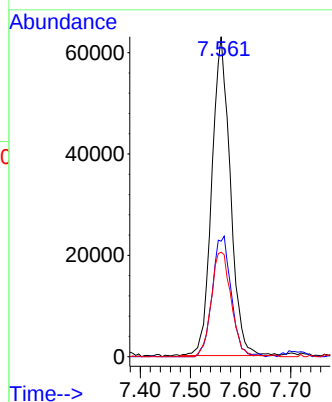


#29
Tetrahydrofuran
Concen: 355.569 ug/l
RT: 7.561 min Scan# 91
Delta R.T. -0.001 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

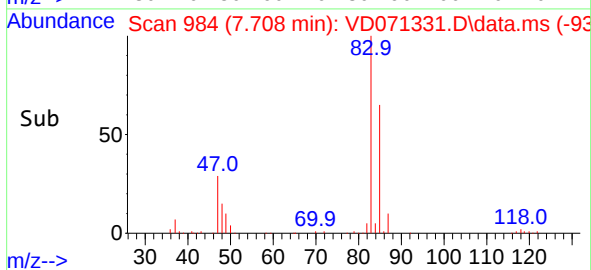
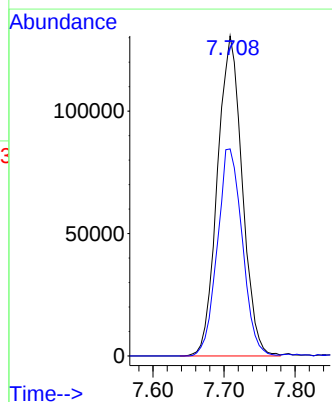
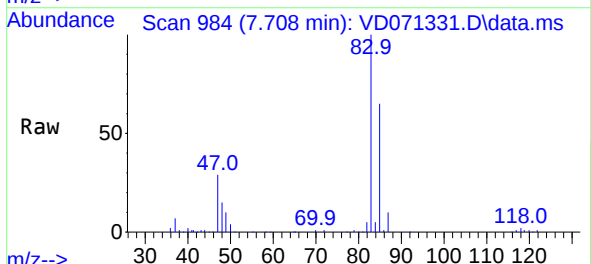


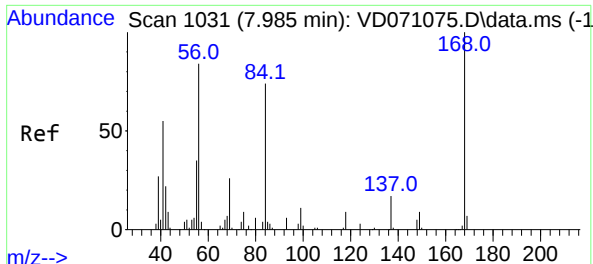
Tgt Ion: 42 Resp: 161319
Ion Ratio Lower Upper
42 100
72 38.3 33.7 50.5
71 35.3 32.7 49.1



#30
Chloroform
Concen: 63.828 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.001 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

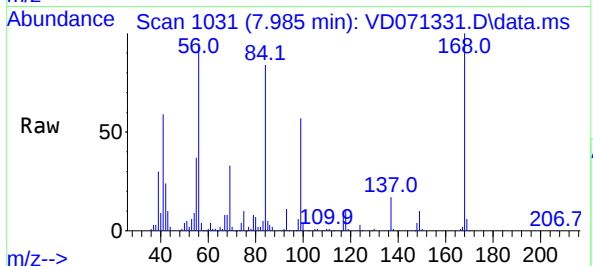
Tgt Ion: 83 Resp: 316956
Ion Ratio Lower Upper
83 100
85 64.7 51.0 76.6



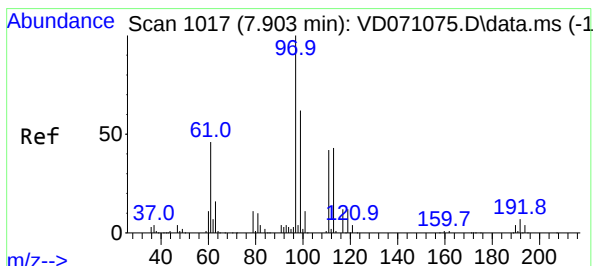
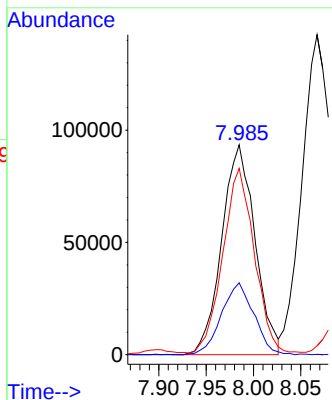
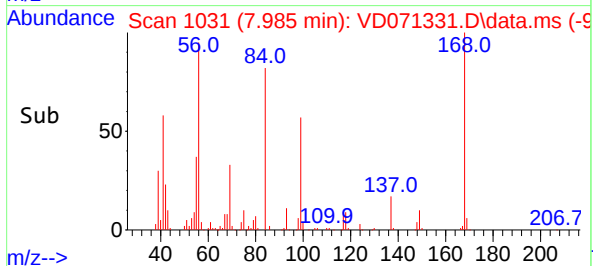


#31
Cyclohexane
Concen: 47.023 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

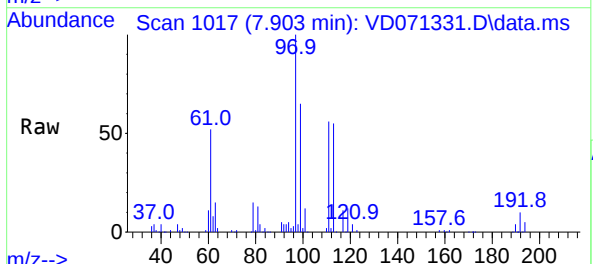
Instrument :
MSVOA_D
ClientSampleId :



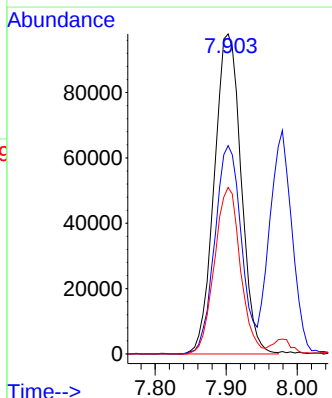
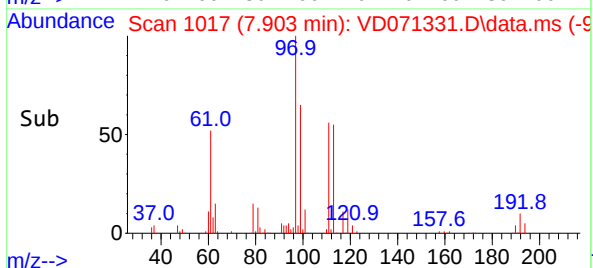
Tgt Ion: 56 Resp: 228534
Ion Ratio Lower Upper
56 100
69 34.2 25.9 38.9
84 87.7 64.3 96.5

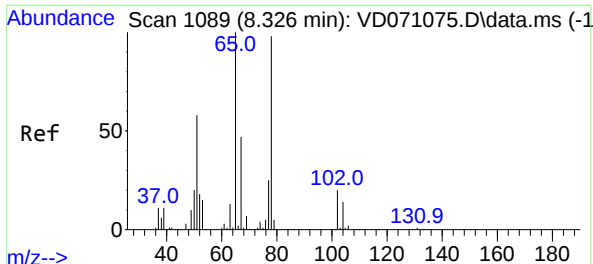


#32
1,1,1-Trichloroethane
Concen: 57.617 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09



Tgt Ion: 97 Resp: 256877
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 50.3 33.0 49.4#

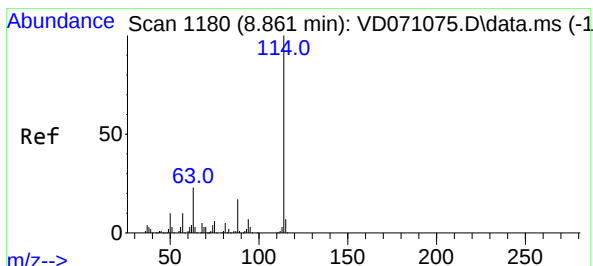
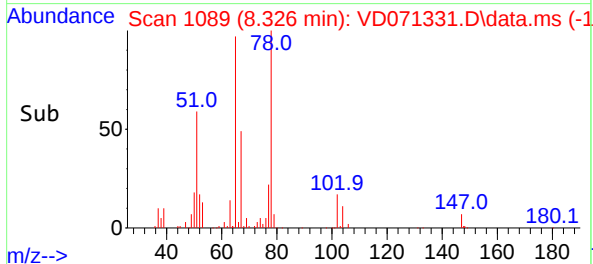
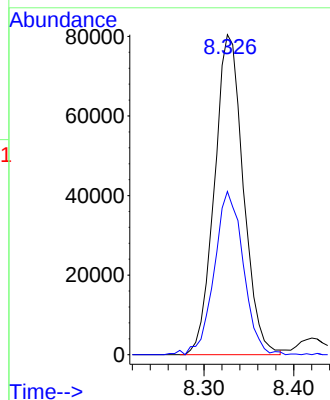
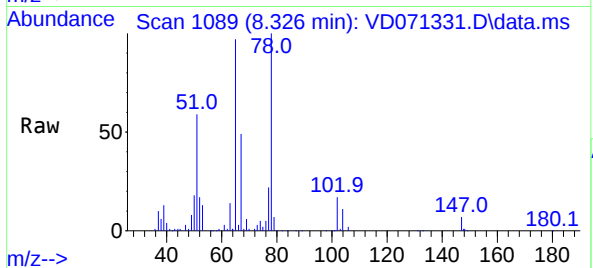




#33
1,2-Dichloroethane-d4
Concen: 62.782 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

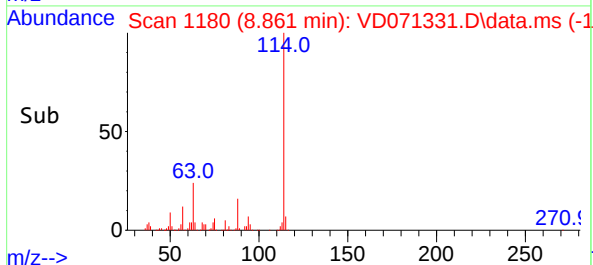
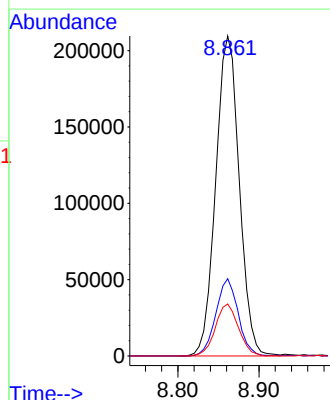
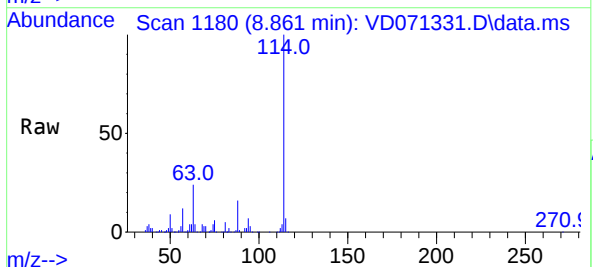
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 179379
Ion Ratio Lower Upper
65 100
67 51.5 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: VD071331.D
Acq: 14 Dec 2021 20:09

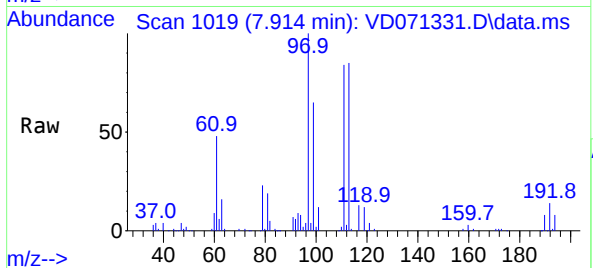
Tgt Ion:114 Resp: 422251
Ion Ratio Lower Upper
114 100
63 24.2 0.0 41.8
88 16.3 0.0 32.8



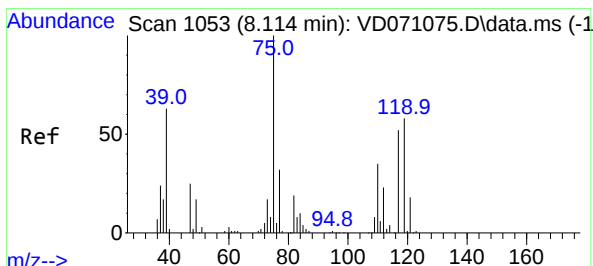
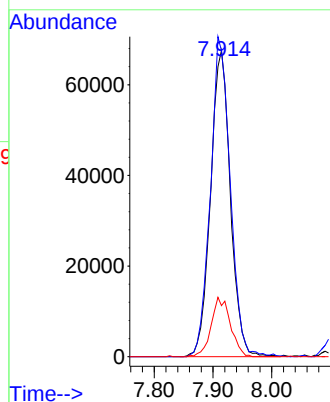
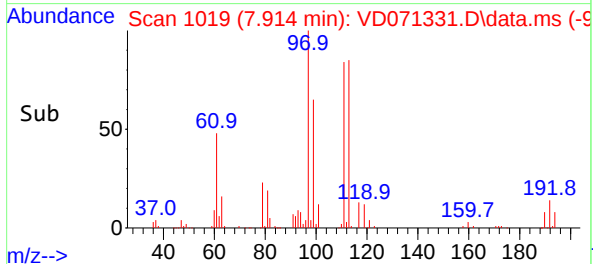


#35
Dibromofluoromethane
Concen: 58.846 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

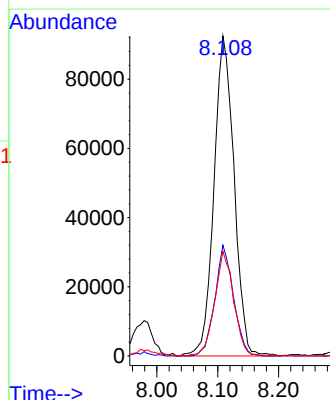
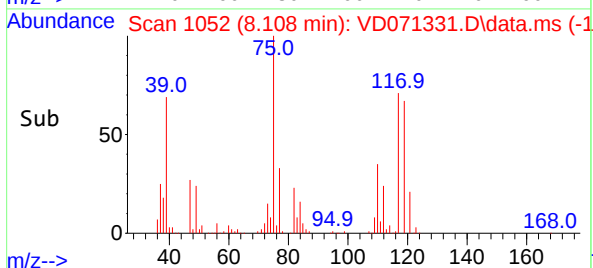
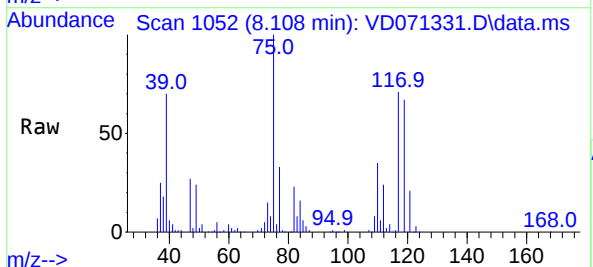


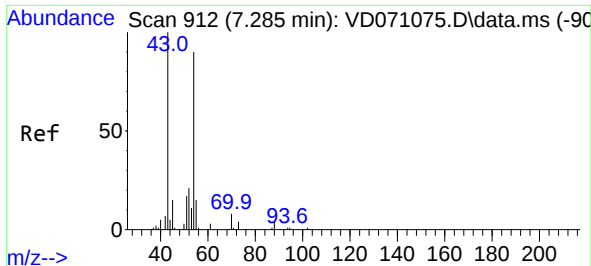
Tgt Ion:113 Resp: 158227
Ion Ratio Lower Upper
113 100
111 104.6 82.0 123.0
192 18.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 53.788 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

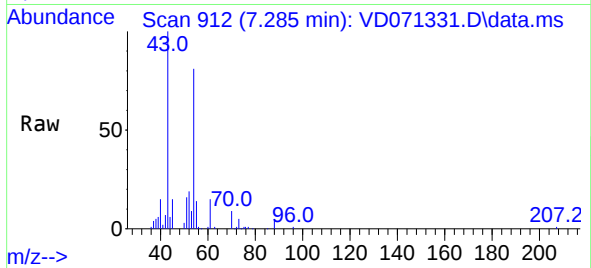
Tgt Ion: 75 Resp: 212273
Ion Ratio Lower Upper
75 100
110 32.0 17.8 53.4
77 30.8 24.8 37.2



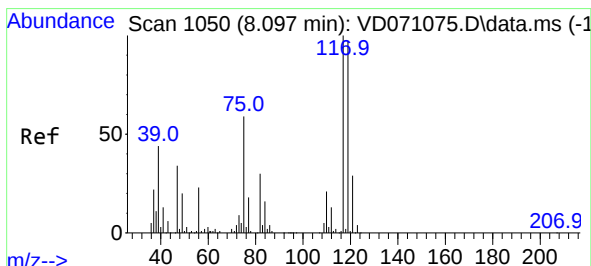
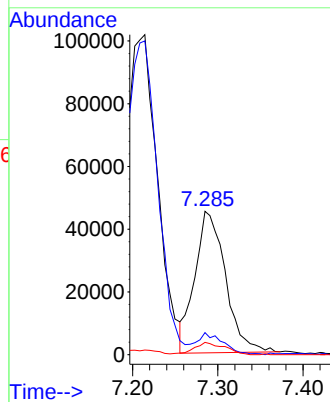
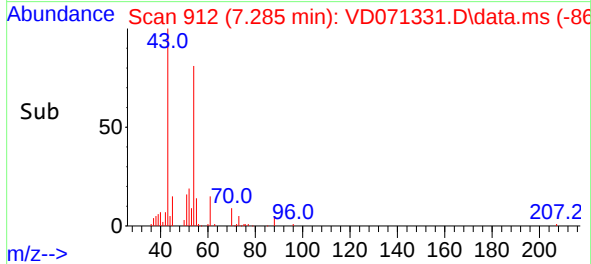


#37
Ethyl Acetate
Concen: 66.346 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

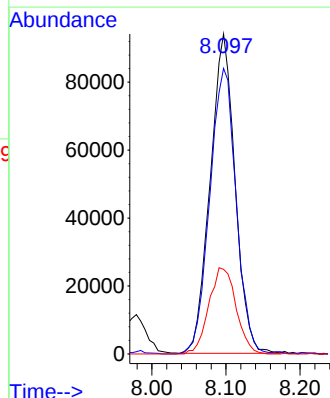
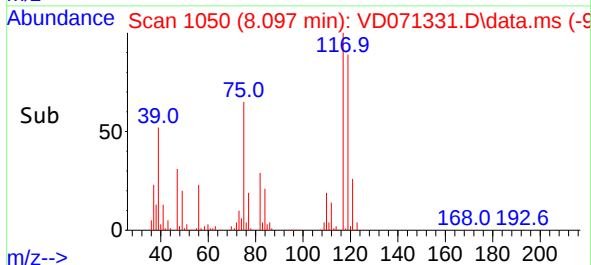
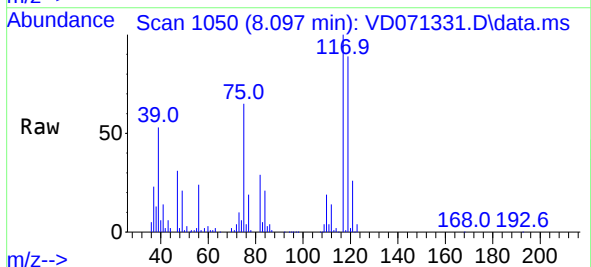


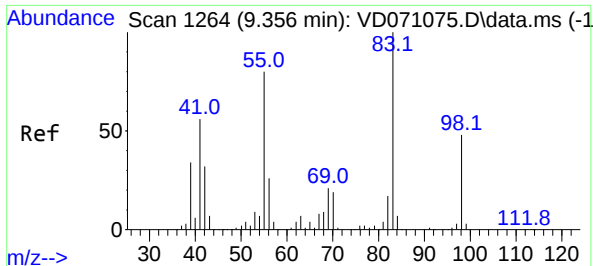
Tgt Ion: 43 Resp: 113102
Ion Ratio Lower Upper
43 100
61 13.0 13.0 19.6#
70 8.6 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 56.351 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 117 Resp: 219218
Ion Ratio Lower Upper
117 100
119 89.2 75.8 113.6
121 26.5 23.6 35.4





#39

Methylcyclohexane

Concen: 47.854 ug/l

RT: 9.355 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

Instrument :

MSVOA_D

ClientSampleId :

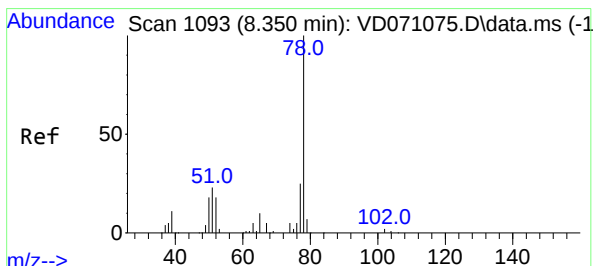
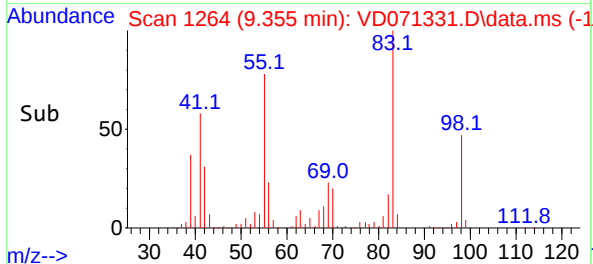
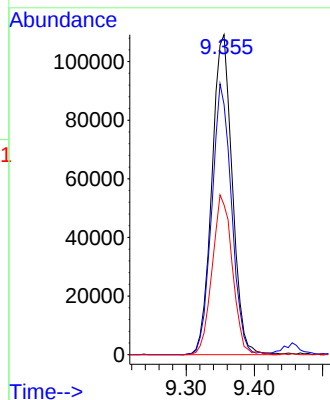
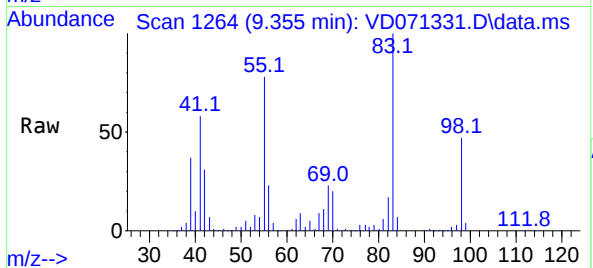
Tgt Ion: 83 Resp: 227149

Ion Ratio Lower Upper

83 100

55 78.2 65.8 98.8

98 46.8 38.7 58.1



#40

Benzene

Concen: 57.215 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071331.D

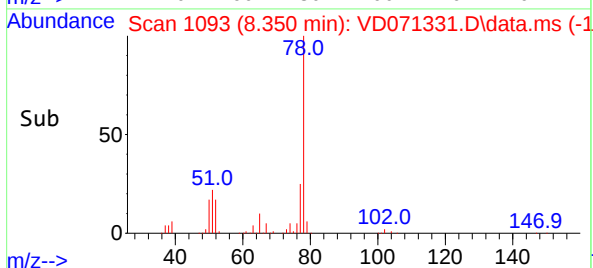
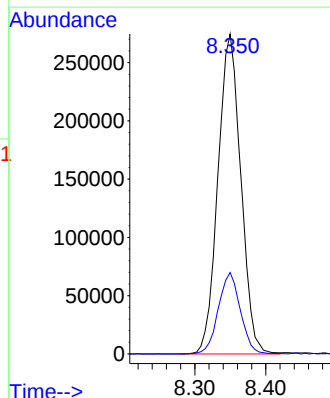
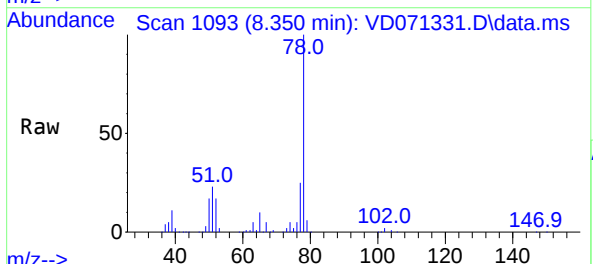
Acq: 14 Dec 2021 20:09

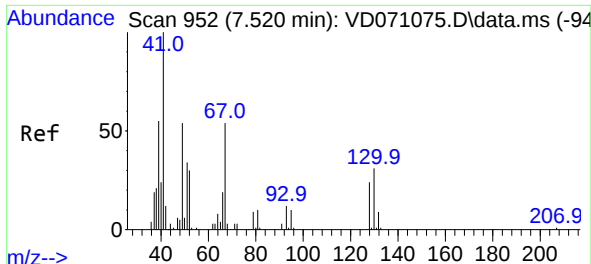
Tgt Ion: 78 Resp: 613336

Ion Ratio Lower Upper

78 100

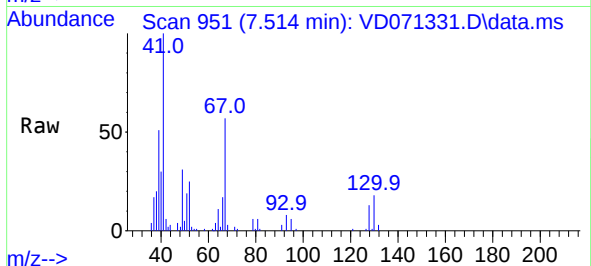
77 25.4 19.1 28.7



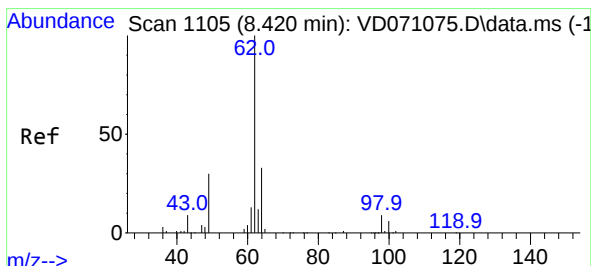
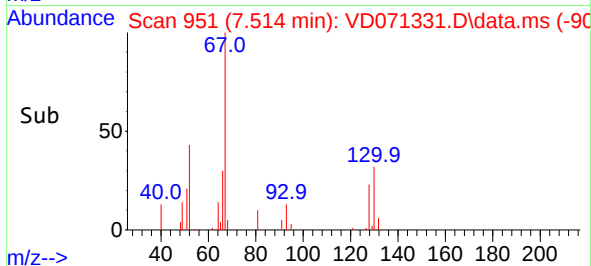
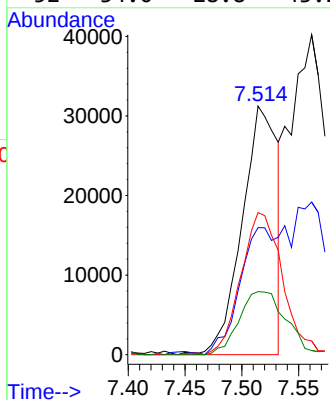


#41
Methacrylonitrile
Concen: 72.931 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

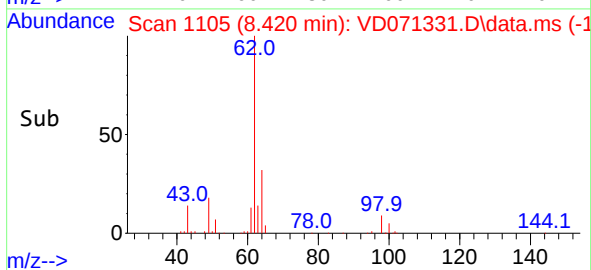
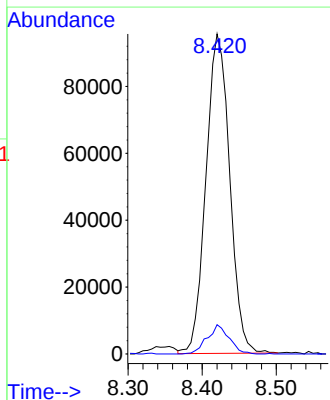
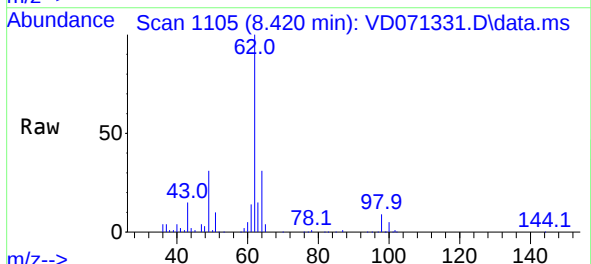


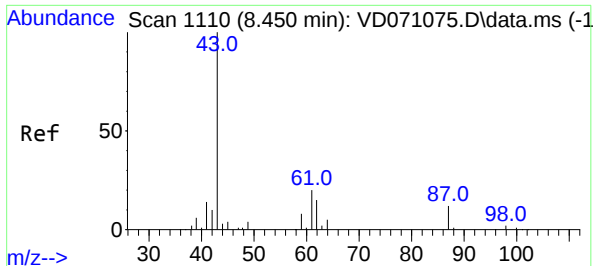
Tgt Ion: 41 Resp: 67239
Ion Ratio Lower Upper
41 100
39 54.8 60.2 90.4#
67 68.1 74.8 112.2#
52 34.0 28.8 43.2



#42
1,2-Dichloroethane
Concen: 65.024 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 62 Resp: 212769
Ion Ratio Lower Upper
62 100
98 8.4 0.0 21.8

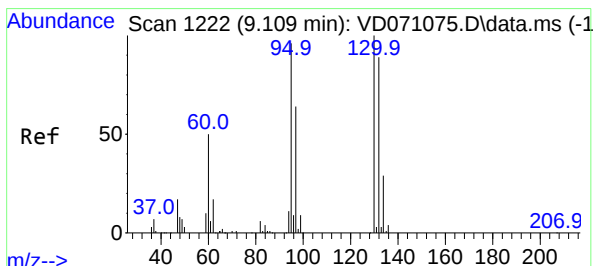
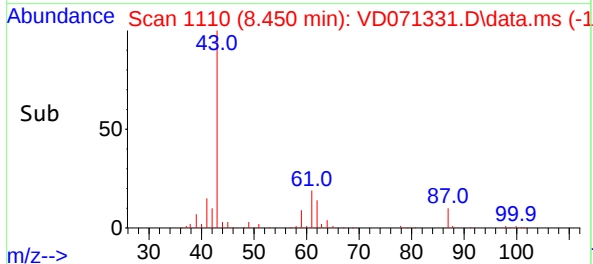
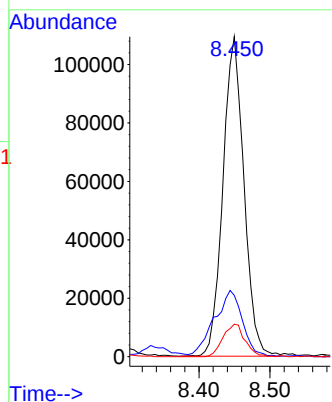
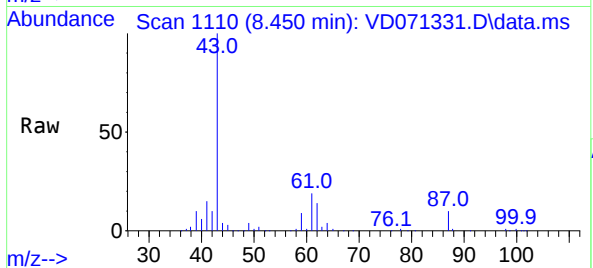




#43
Isopropyl Acetate
Concen: 58.813 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

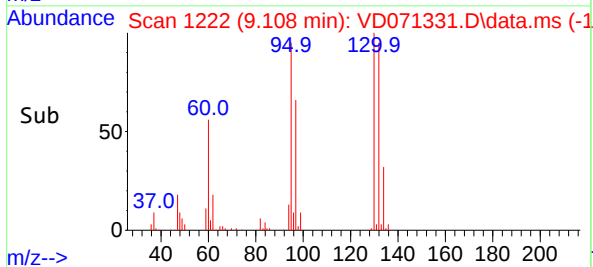
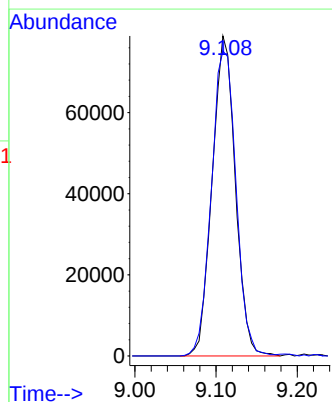
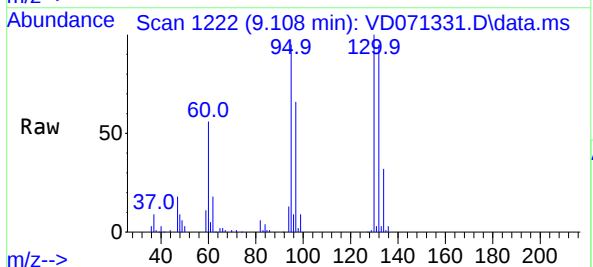
Instrument :
MSVOA_D
ClientSampleId :

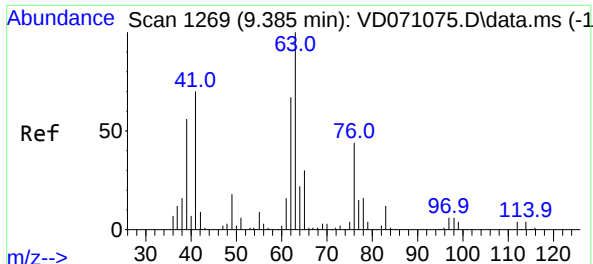
Tgt Ion: 43 Resp: 224469
Ion Ratio Lower Upper
43 100
61 27.5 28.2 42.4#
87 10.6 10.7 16.1#



#44
Trichloroethene
Concen: 54.754 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion:130 Resp: 156496
Ion Ratio Lower Upper
130 100
95 95.3 0.0 193.2





#45

1,2-Dichloropropane

Concen: 62.894 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

Instrument :

MSVOA_D

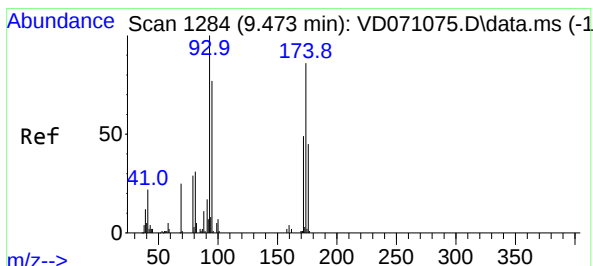
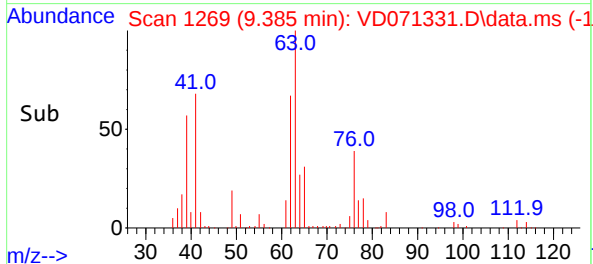
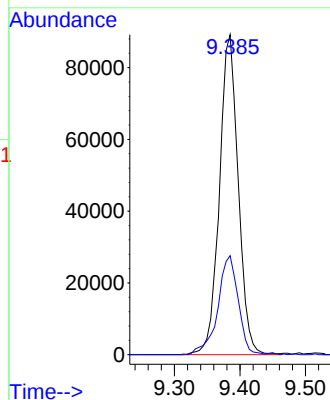
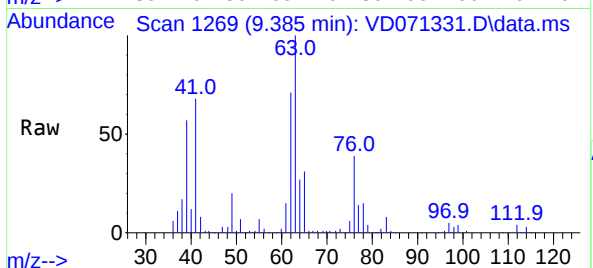
ClientSampleId :

Tgt Ion: 63 Resp: 177305

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.2



#46

Dibromomethane

Concen: 64.214 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

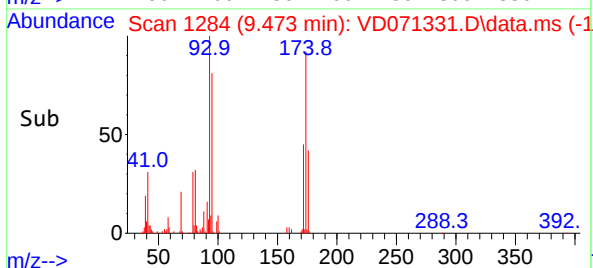
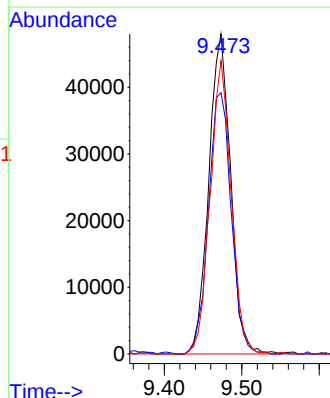
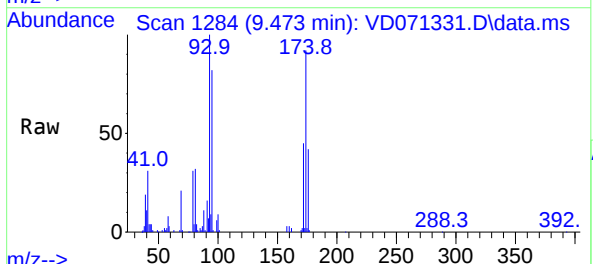
Tgt Ion: 93 Resp: 93920

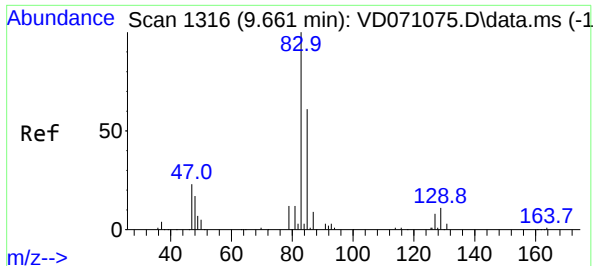
Ion Ratio Lower Upper

93 100

95 85.0 66.1 99.1

174 88.4 78.6 117.8

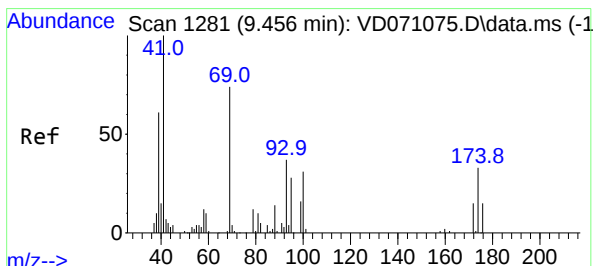
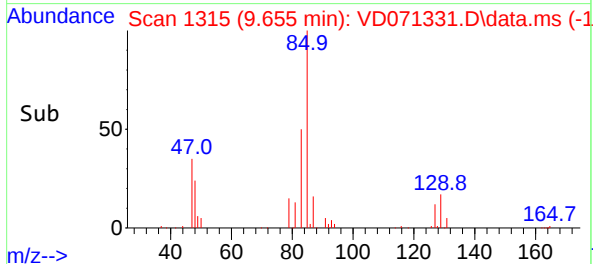
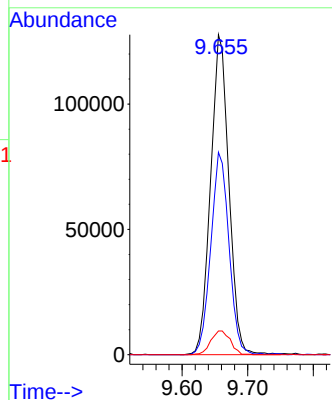
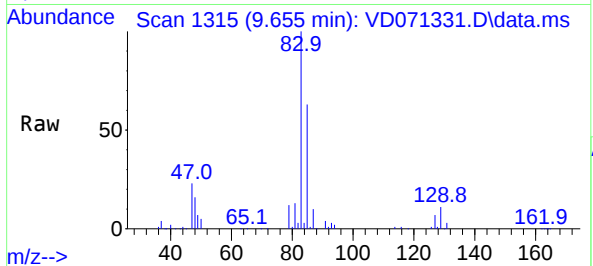




#47
Bromodichloromethane
Concen: 63.792 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

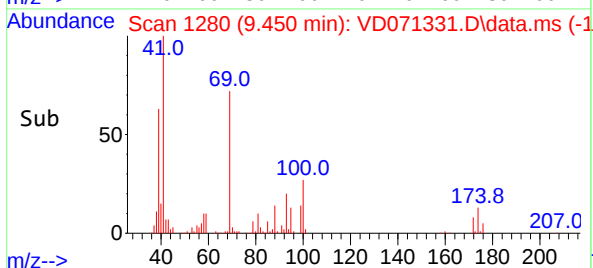
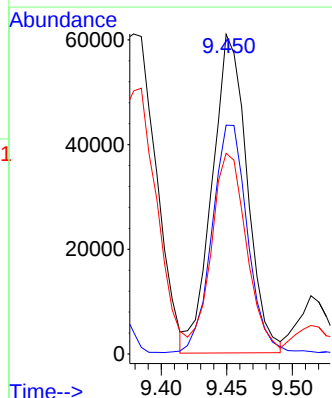
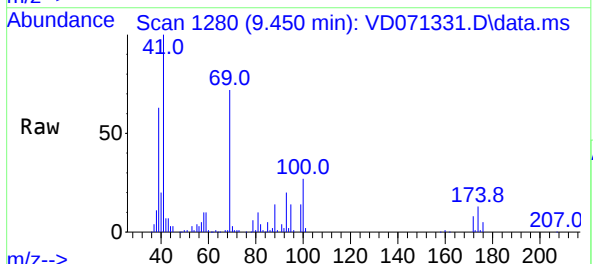
Instrument :
MSVOA_D
ClientSampleId :

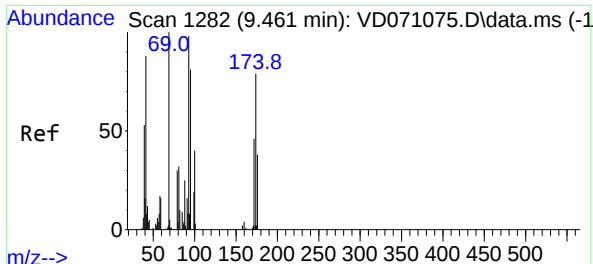
Tgt Ion: 83 Resp: 246749
Ion Ratio Lower Upper
83 100
85 63.3 50.0 75.0
127 7.4 7.3 10.9



#48
Methyl methacrylate
Concen: 67.658 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 41 Resp: 112900
Ion Ratio Lower Upper
41 100
69 74.1 69.8 104.6
39 63.3 35.6 53.4#

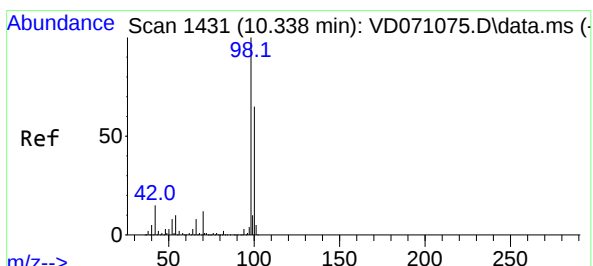
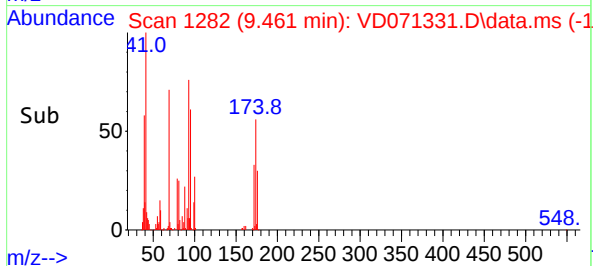
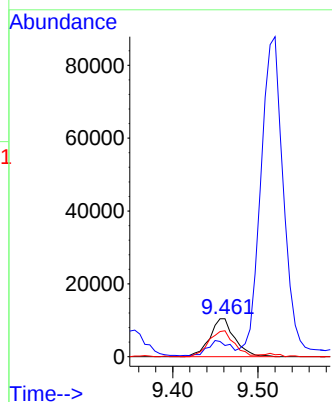
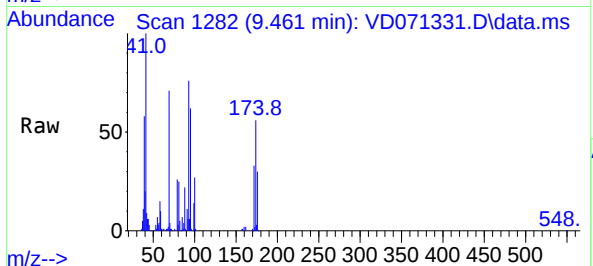




#49
1,4-Dioxane
Concen: 1500.502 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

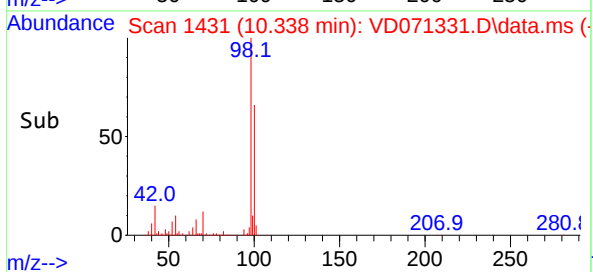
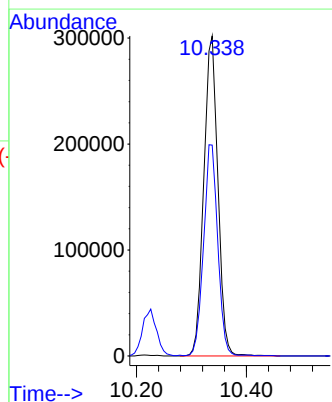
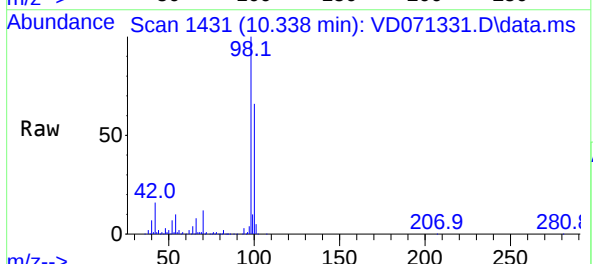
Instrument :
MSVOA_D
ClientSampleId :

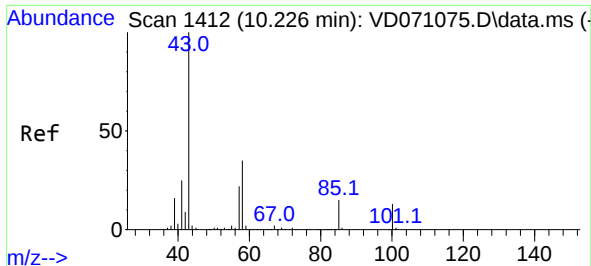
Tgt Ion: 88 Resp: 21185
Ion Ratio Lower Upper
88 100
43 37.8 28.9 43.3
58 69.3 56.3 84.5



#50
Toluene-d8
Concen: 52.567 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 98 Resp: 537892
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6

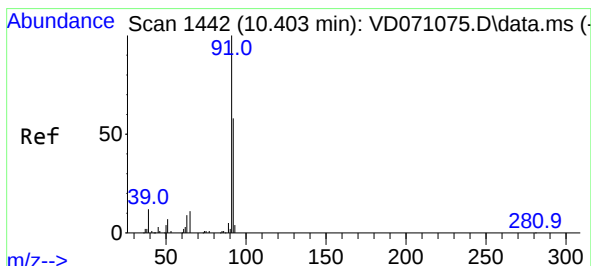
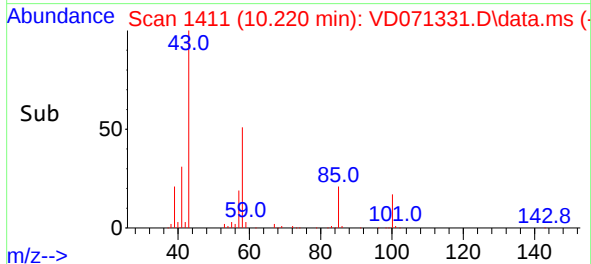
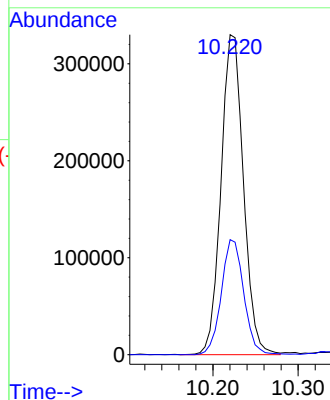
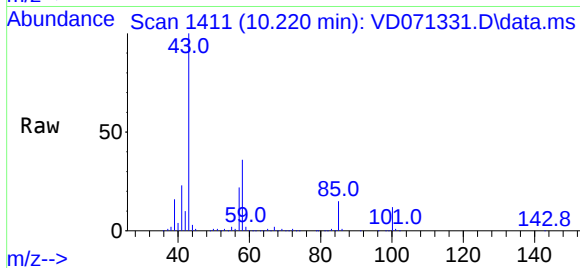




#51
4-Methyl-2-Pentanone
Concen: 306.267 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

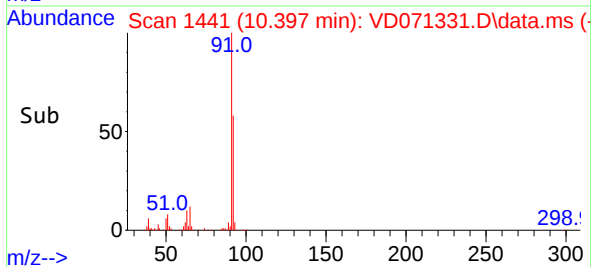
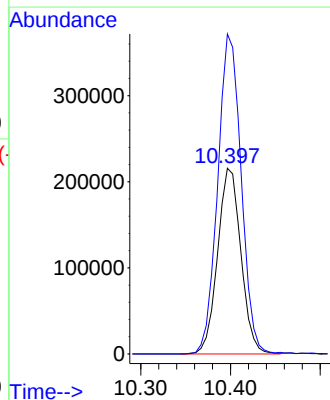
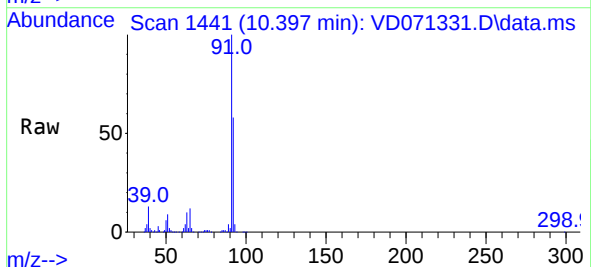
Instrument :
MSVOA_D
ClientSampleId :

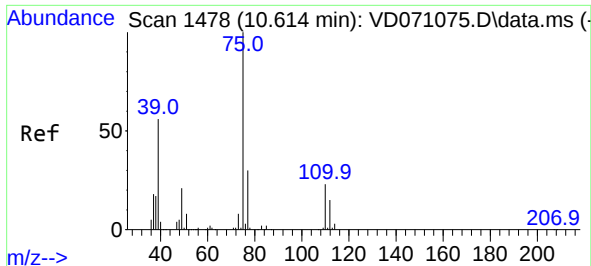
Tgt Ion: 43 Resp: 603856
Ion Ratio Lower Upper
43 100
58 36.0 33.1 49.7



#52
Toluene
Concen: 57.157 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 92 Resp: 388759
Ion Ratio Lower Upper
92 100
91 173.9 140.7 211.1

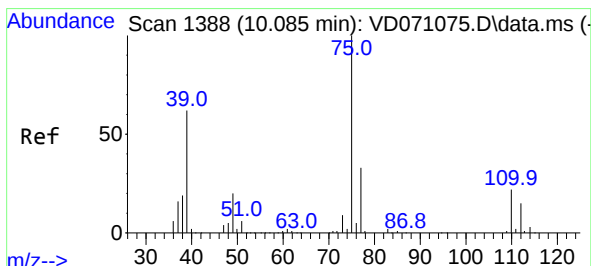
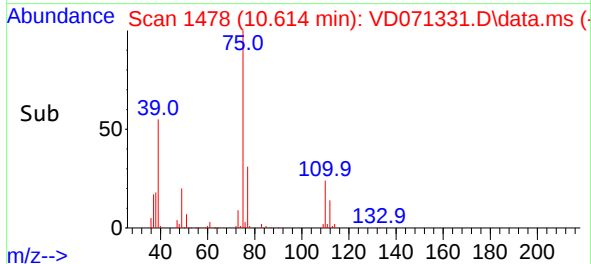
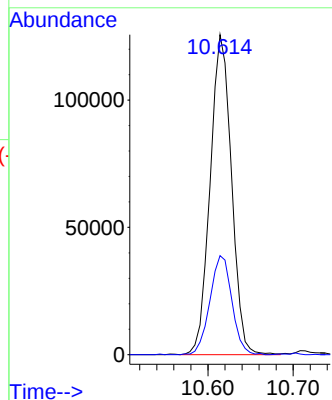
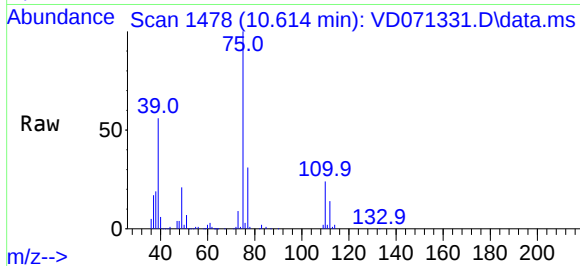




#53
 t-1,3-Dichloropropene
 Concen: 61.435 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071331.D
 Acq: 14 Dec 2021 20:09

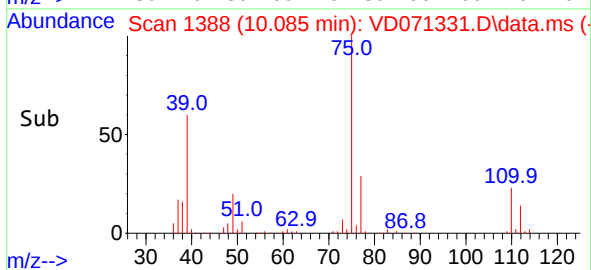
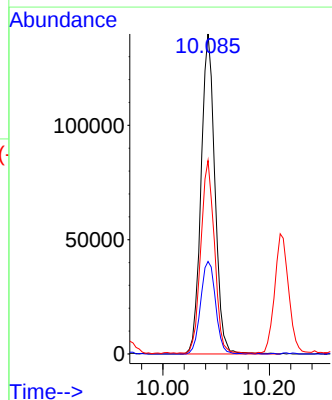
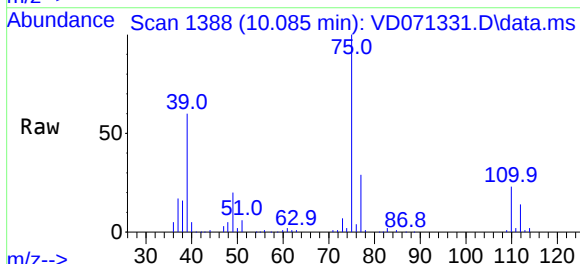
Instrument :
 MSVOA_D
 ClientSampleId :

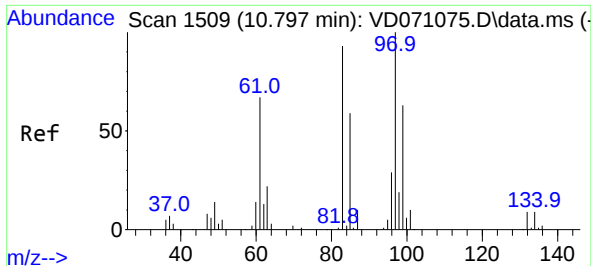
Tgt Ion: 75 Resp: 218481
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 59.591 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071331.D
 Acq: 14 Dec 2021 20:09

Tgt Ion: 75 Resp: 251731
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.0 37.6
 39 60.1 31.6 47.4#



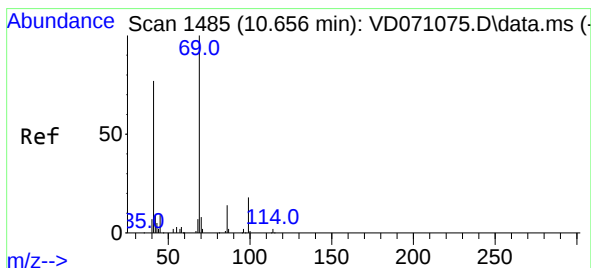
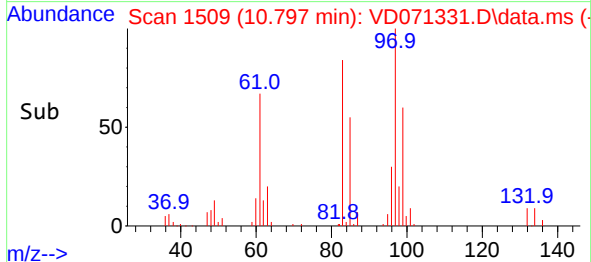
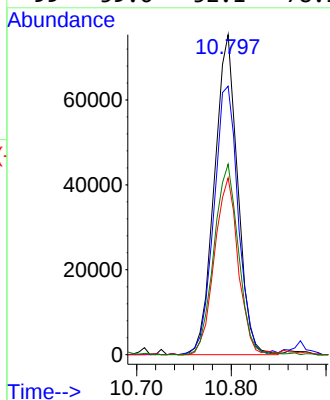
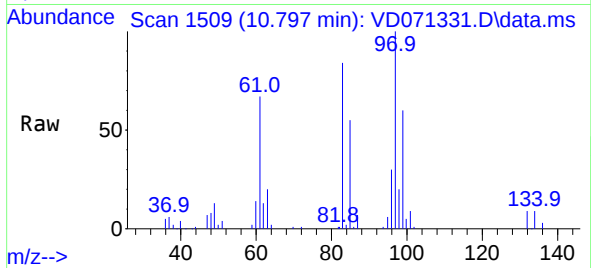


#55
1,1,2-Trichloroethane
Concen: 67.161 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.001 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 128864

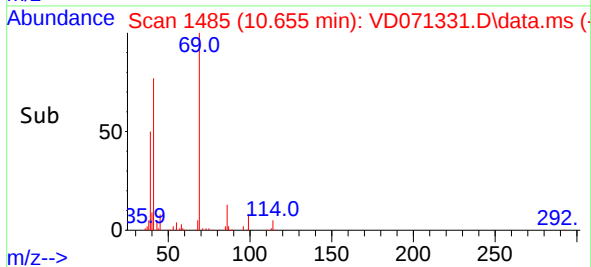
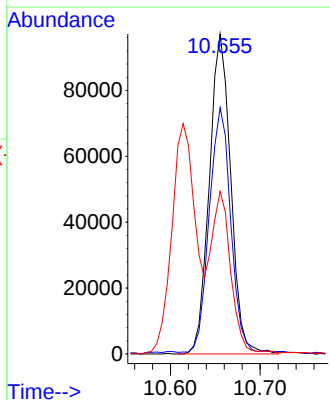
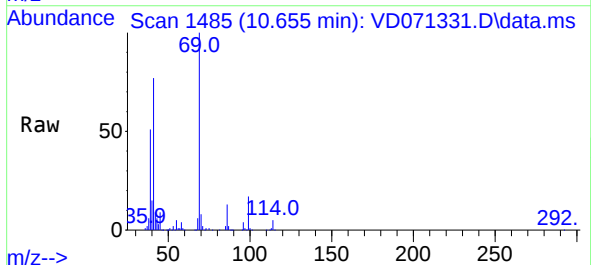
Ion	Ratio	Lower	Upper
97	100		
83	83.9	65.2	97.8
85	55.3	43.4	65.0
99	59.6	52.1	78.1

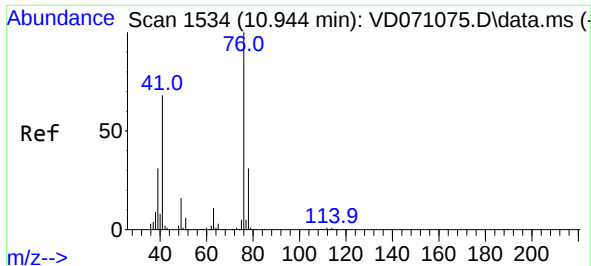


#56
Ethyl methacrylate
Concen: 57.270 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 69 Resp: 160915

Ion	Ratio	Lower	Upper
69	100		
41	77.9	50.2	75.2#
39	46.0	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 66.278 ug/l

RT: 10.938 min Scan# 1534

Delta R.T. -0.006 min

Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

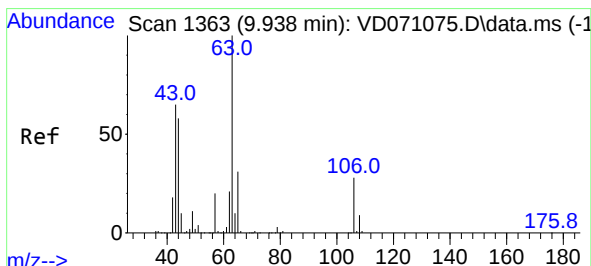
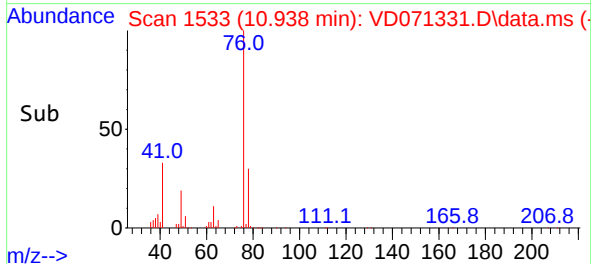
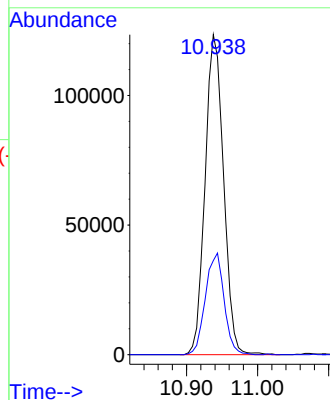
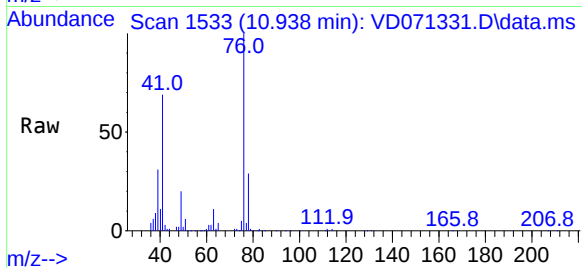
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 76 Resp: 223397

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6



#58

2-Chloroethyl Vinyl ether

Concen: 287.097 ug/l

RT: 9.938 min Scan# 1363

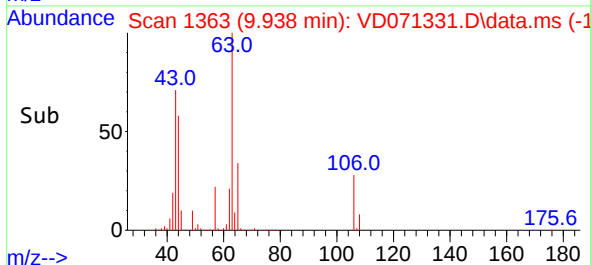
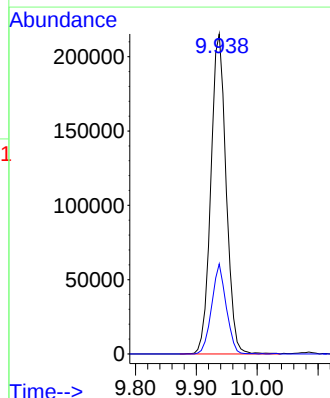
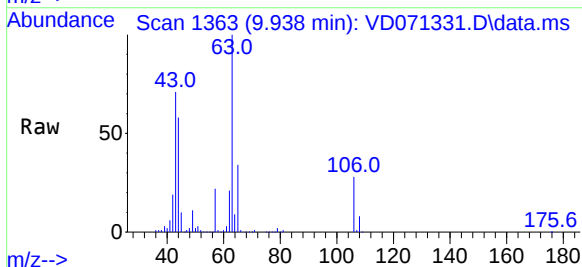
Delta R.T. -0.000 min

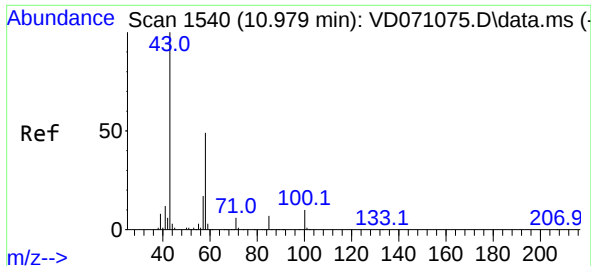
Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

Tgt Ion: 63 Resp: 374848

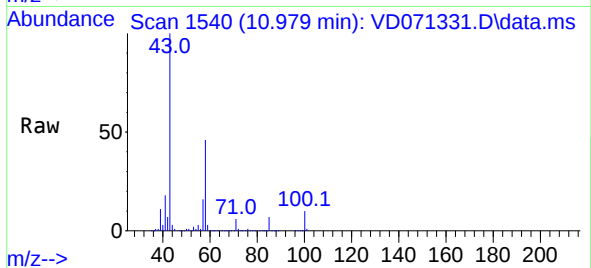
Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.0	31.4



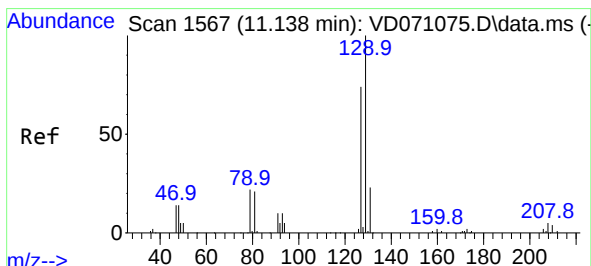
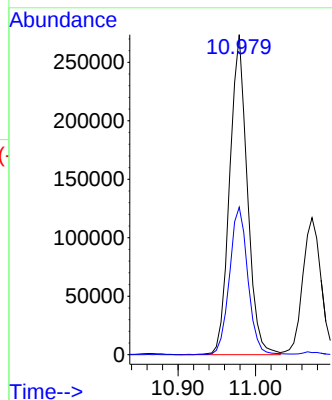
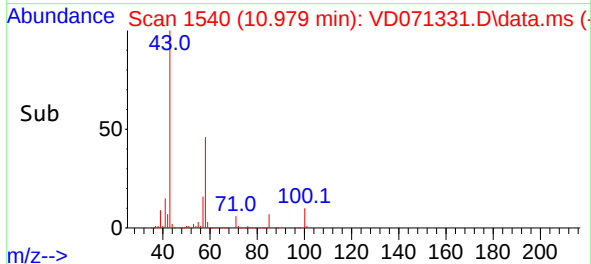


#59
2-Hexanone
Concen: 292.380 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

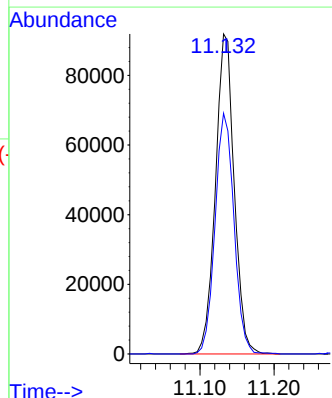
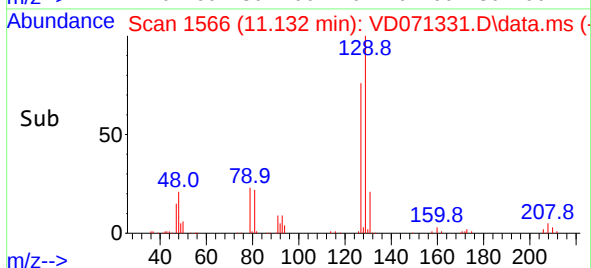
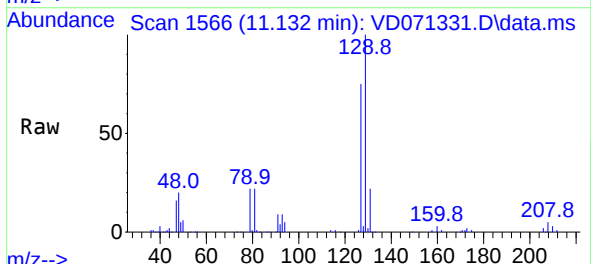


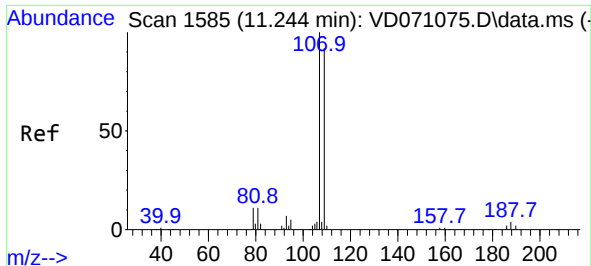
Tgt Ion: 43 Resp: 433354
Ion Ratio Lower Upper
43 100
58 48.0 28.7 86.1



#60
Dibromochloromethane
Concen: 67.648 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 129 Resp: 161319
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.6

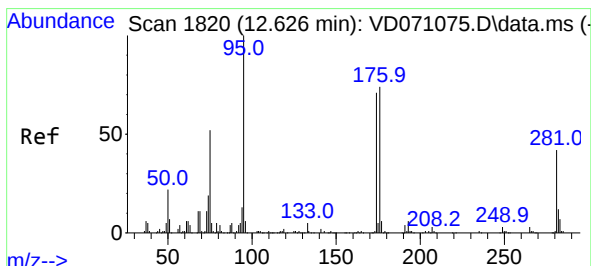
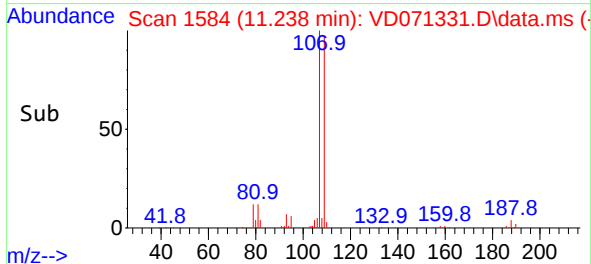
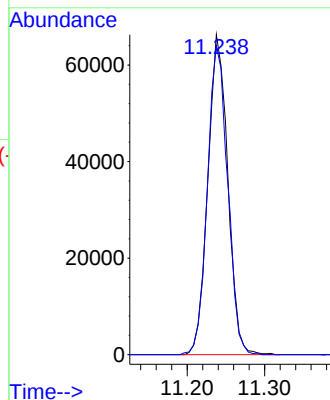
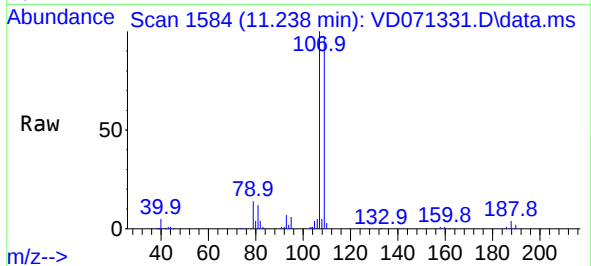




#61
1,2-Dibromoethane
Concen: 64.308 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

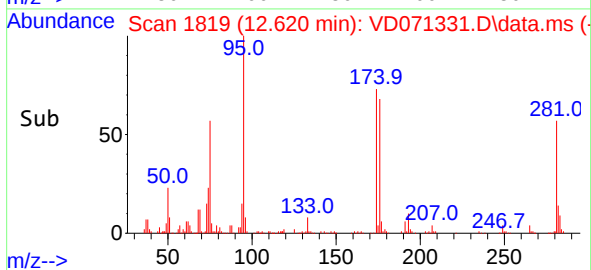
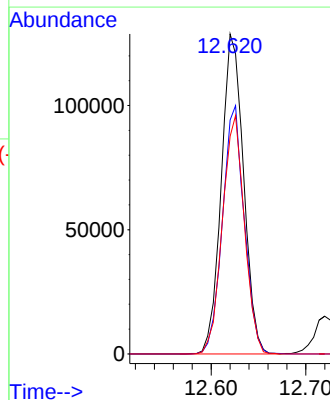
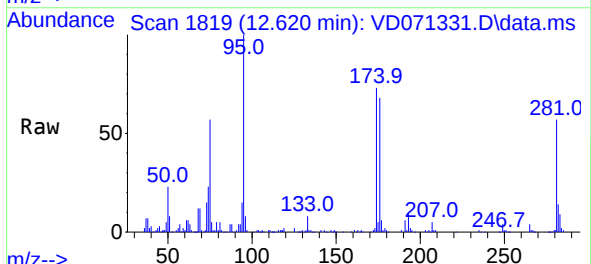
Instrument :
MSVOA_D
ClientSampleId :

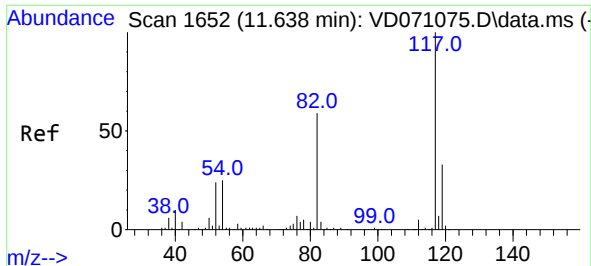
Tgt Ion:107 Resp: 118503
Ion Ratio Lower Upper
107 100
109 97.7 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 59.232 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

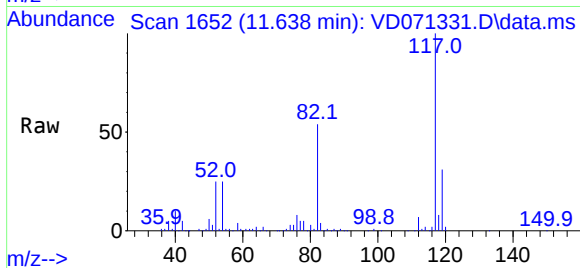
Tgt Ion: 95 Resp: 210094
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 73.8 0.0 154.0



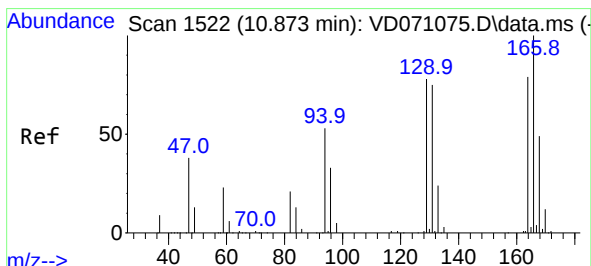
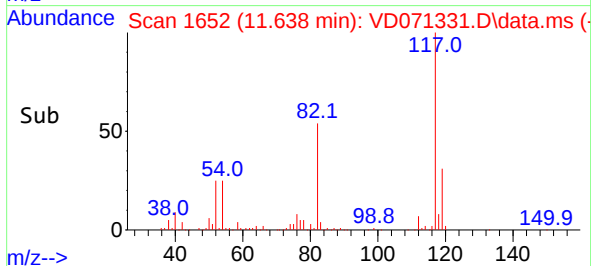
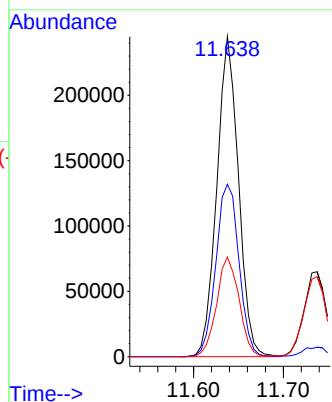


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

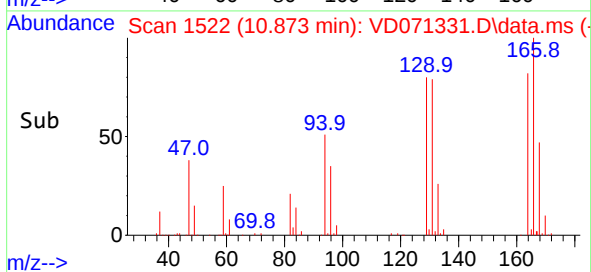
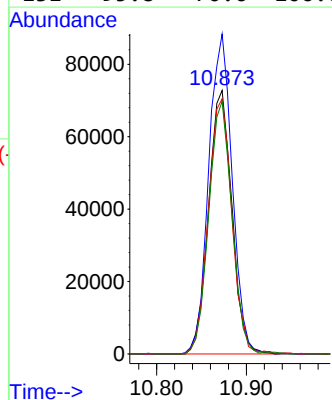
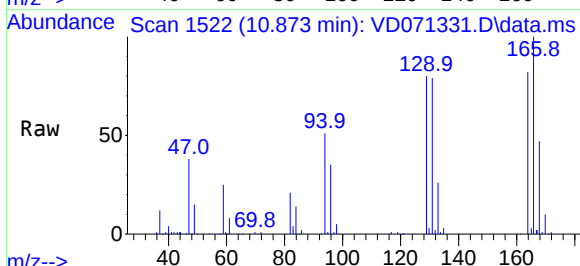


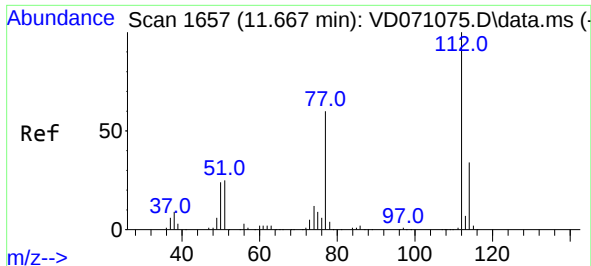
Tgt Ion:117 Resp: 410369
Ion Ratio Lower Upper
117 100
82 53.9 44.7 67.1
119 31.1 26.2 39.4



#64
Tetrachloroethene
Concen: 50.603 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion:164 Resp: 131833
Ion Ratio Lower Upper
164 100
166 121.4 102.6 153.8
129 96.8 75.4 113.0
131 95.8 70.6 106.0

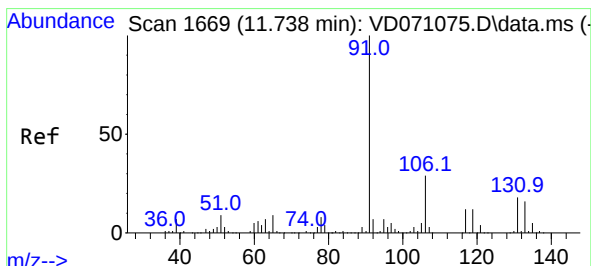
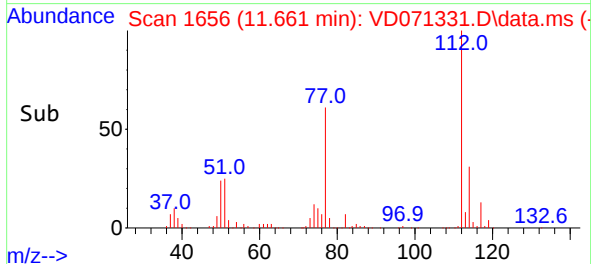
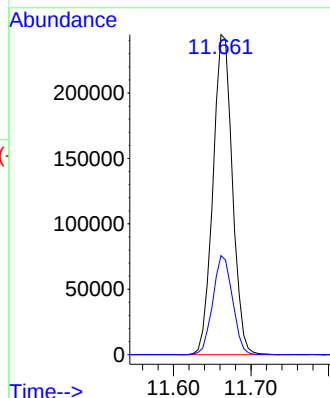
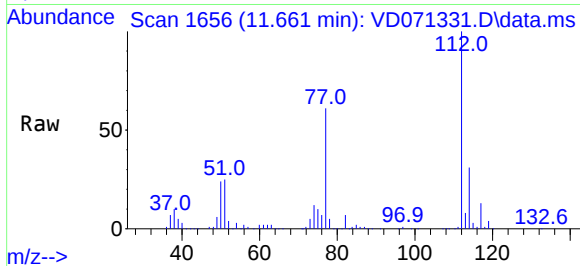




#65
Chlorobenzene
Concen: 55.854 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

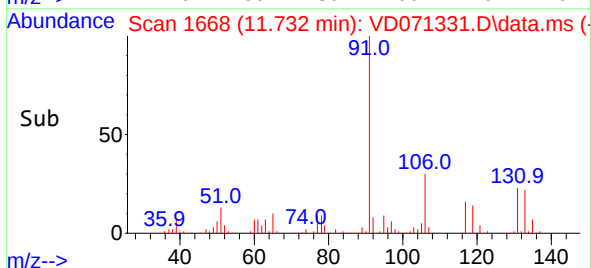
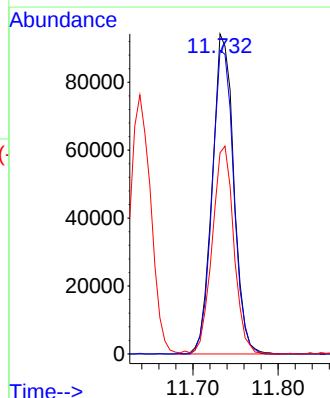
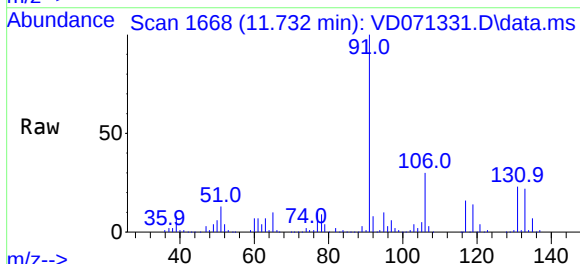
Instrument :
MSVOA_D
ClientSampleId :

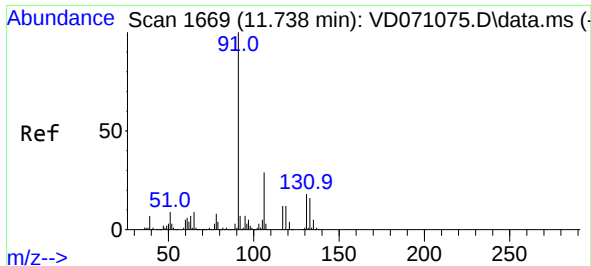
Tgt Ion:112 Resp: 425275
Ion Ratio Lower Upper
112 100
114 31.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 59.350 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion:131 Resp: 164999
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 65.4 33.5 100.4

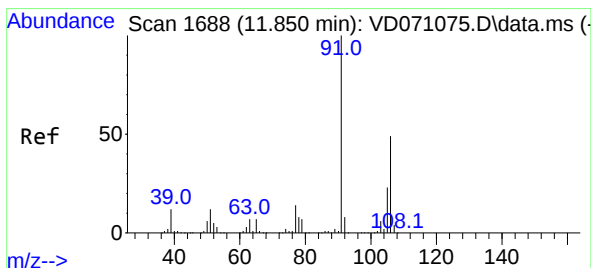
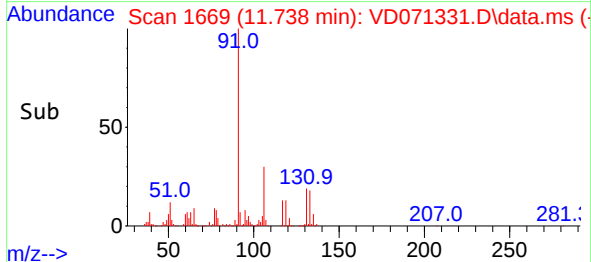
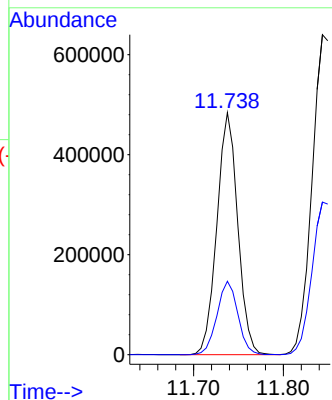
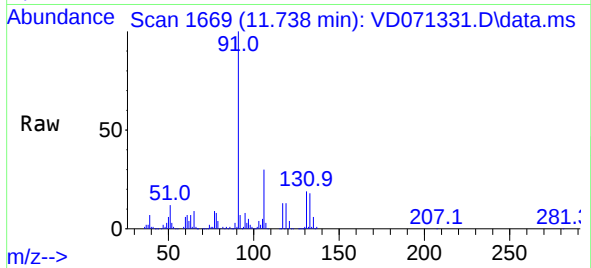




#67
Ethyl Benzene
Concen: 54.425 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

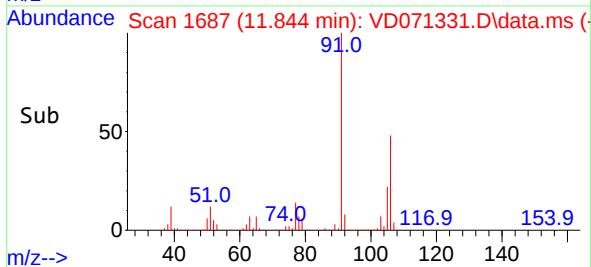
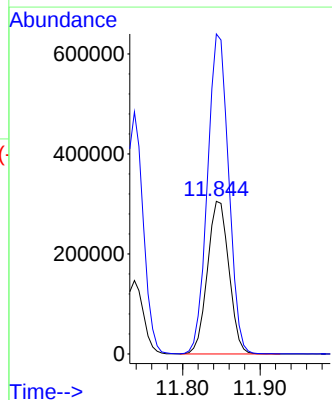
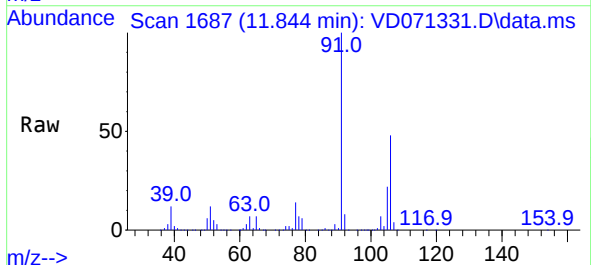
Instrument :
MSVOA_D
ClientSampleId :

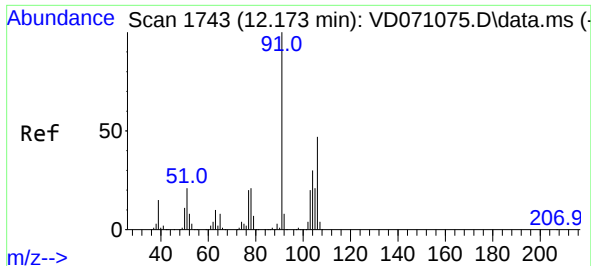
Tgt Ion: 91 Resp: 780118
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8



#68
m/p-Xylenes
Concen: 108.608 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion:106 Resp: 587727
Ion Ratio Lower Upper
106 100
91 206.5 160.1 240.1

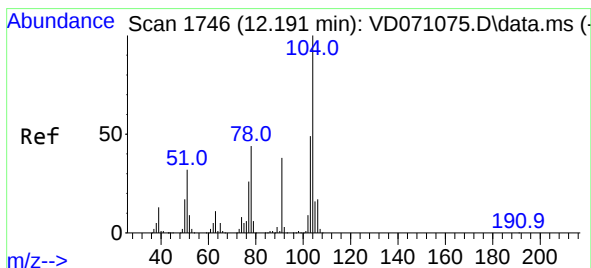
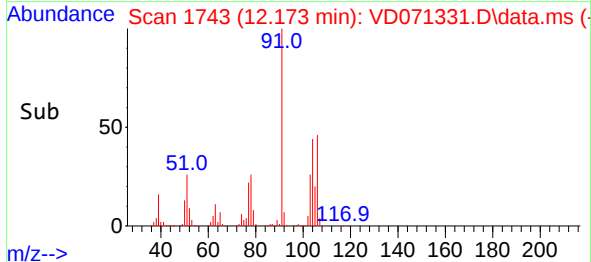
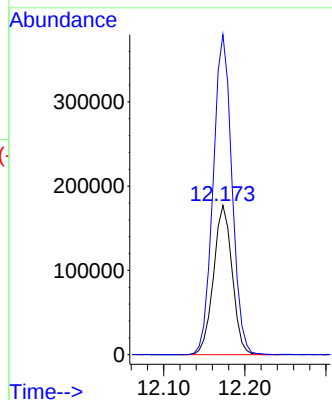
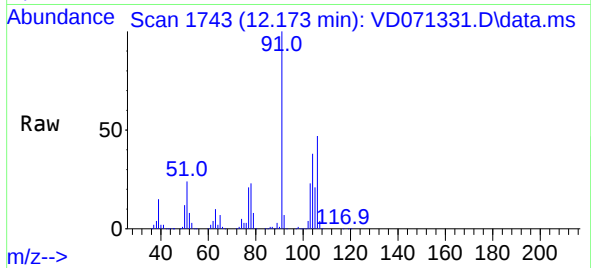




#69
o-Xylene
Concen: 55.570 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

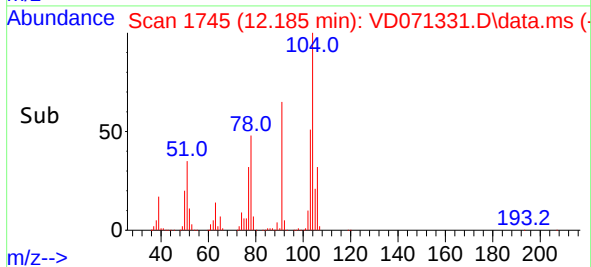
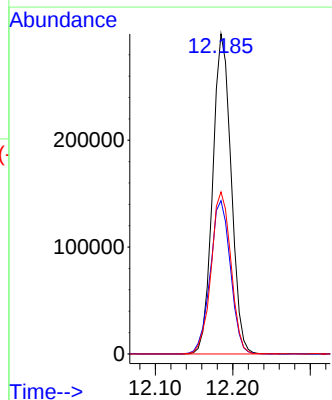
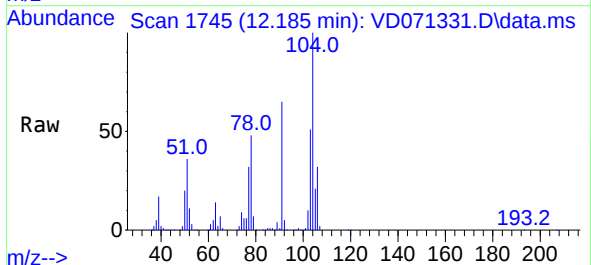
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 282637
Ion Ratio Lower Upper
106 100
91 216.5 106.3 319.0



#70
Styrene
Concen: 57.786 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion:104 Resp: 495339
Ion Ratio Lower Upper
104 100
78 52.5 39.4 59.0
103 54.2 43.4 65.0

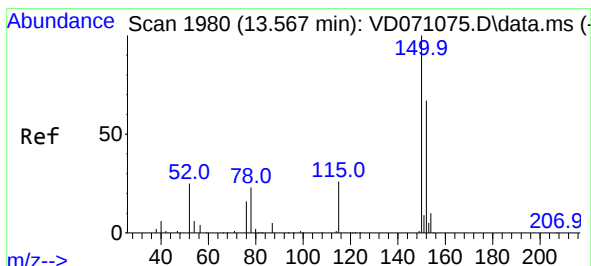
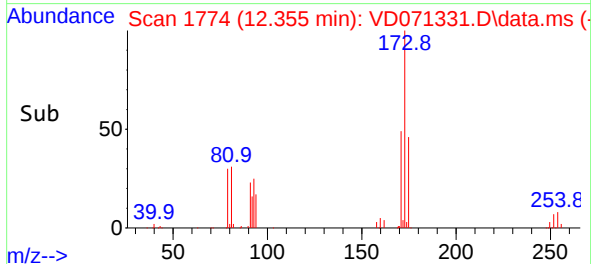
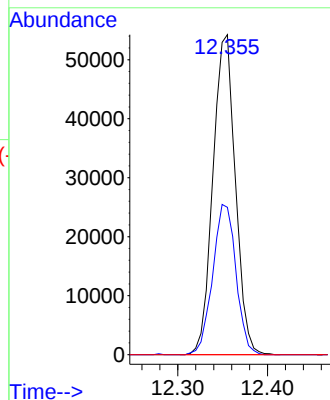
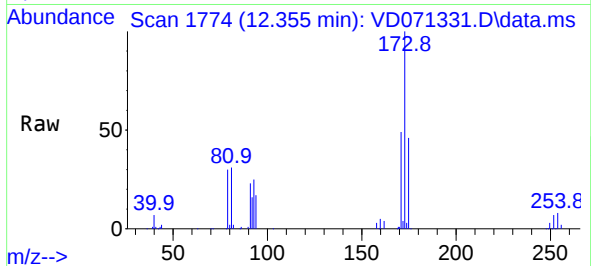




#71
Bromoform
Concen: 65.364 ug/l
RT: 12.355 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

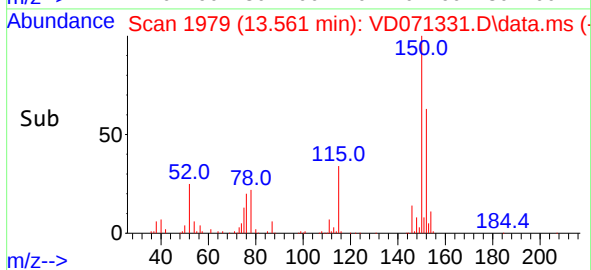
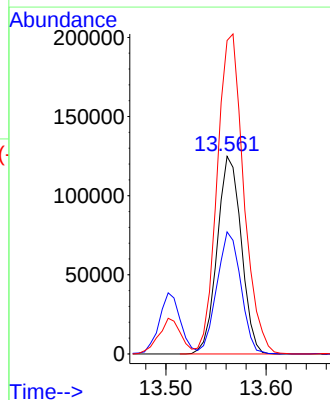
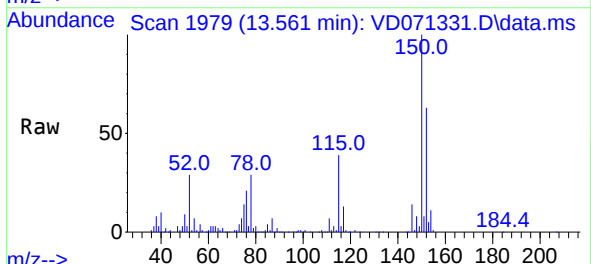
Instrument :
MSVOA_D
ClientSampleId :

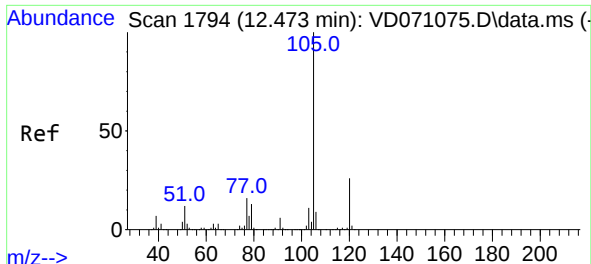
Tgt Ion:173 Resp: 94141
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion:152 Resp: 208257
Ion Ratio Lower Upper
152 100
115 61.5 29.8 89.3
150 178.3 0.0 349.2

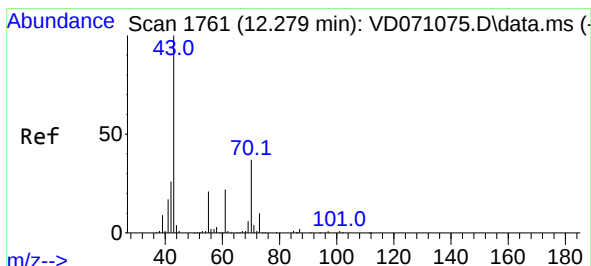
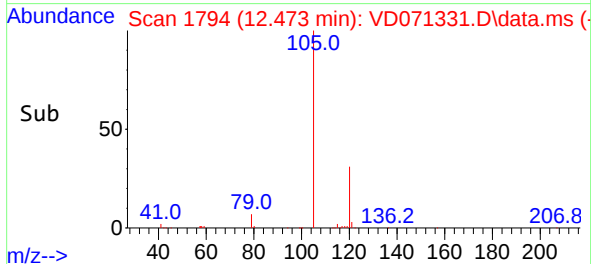
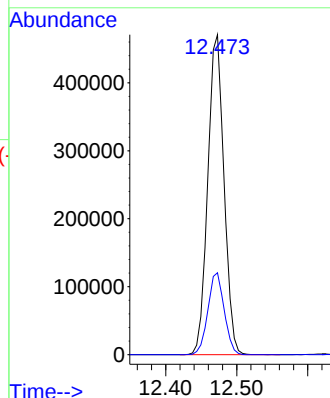
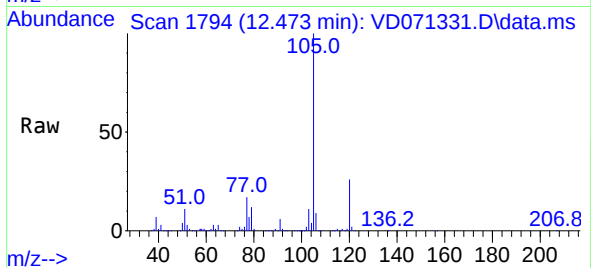




#73
Isopropylbenzene
Concen: 49.482 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

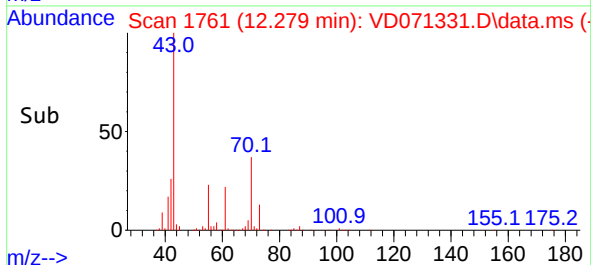
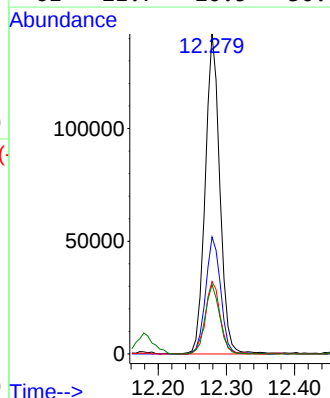
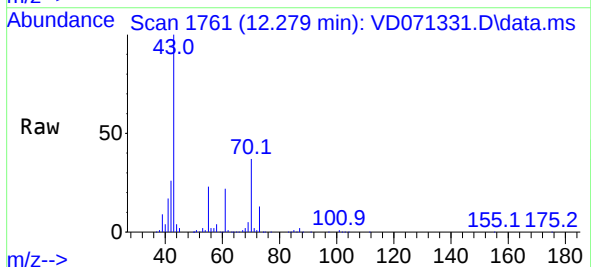
Instrument :
MSVOA_D
ClientSampleId :

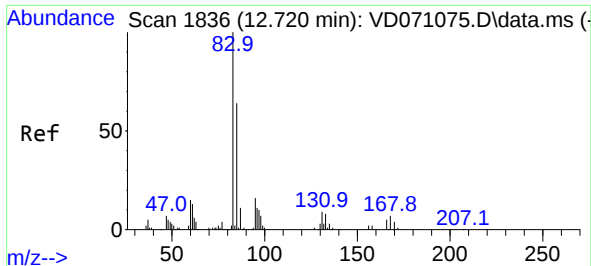
Tgt Ion:105 Resp: 746169
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5



#74
N-ethyl acetate
Concen: 51.104 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 43 Resp: 211573
Ion Ratio Lower Upper
43 100
70 37.5 36.6 55.0
55 23.1 22.5 33.7
61 21.7 20.5 30.7

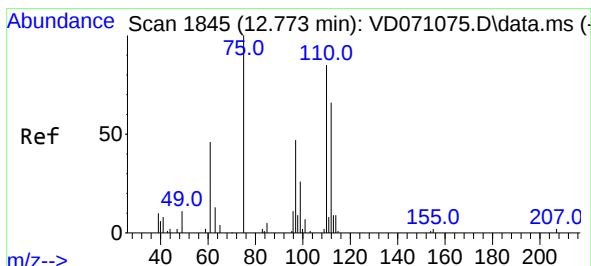
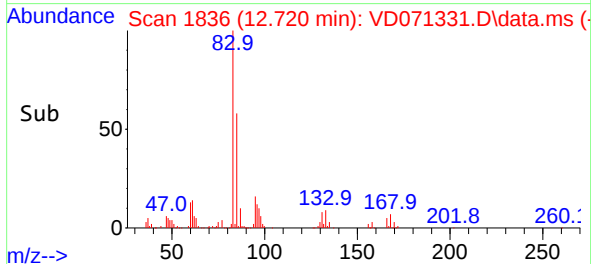
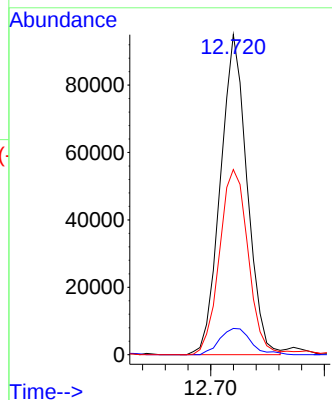
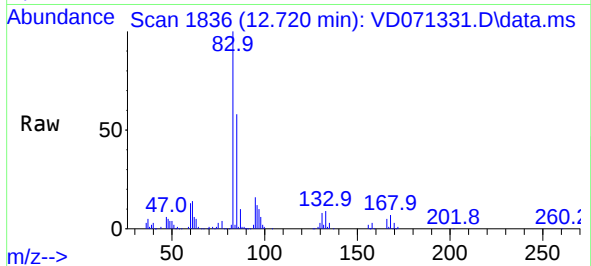




#75
1,1,2,2-Tetrachloroethane
Concen: 62.371 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

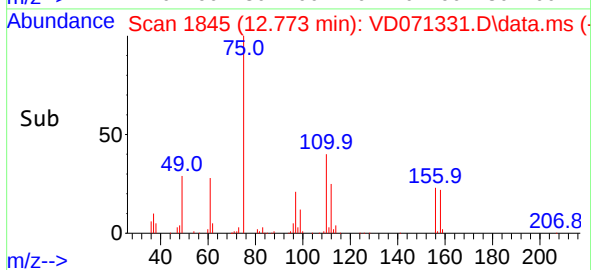
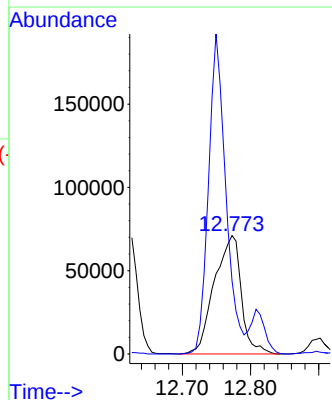
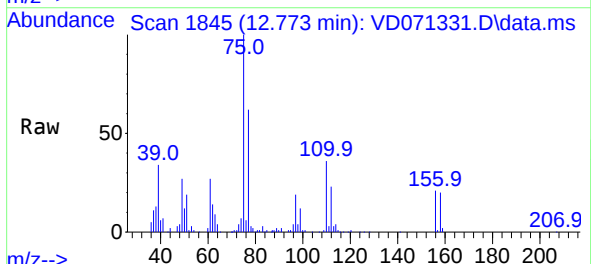
Instrument :
MSVOA_D
ClientSampleId :

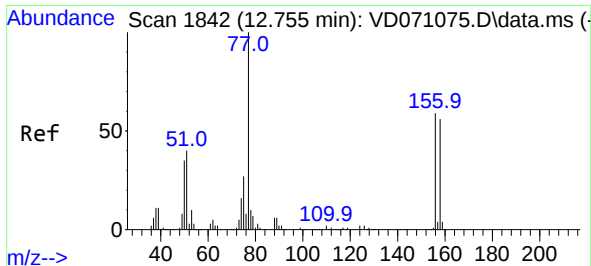
Tgt Ion: 83 Resp: 154885
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 62.3 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 98.374 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 75 Resp: 195192
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

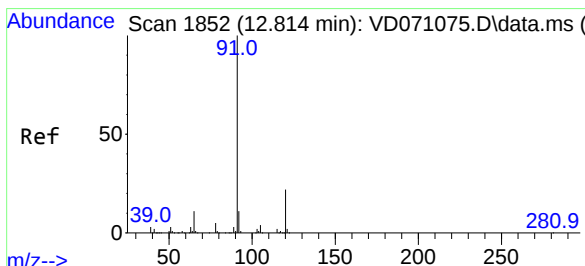
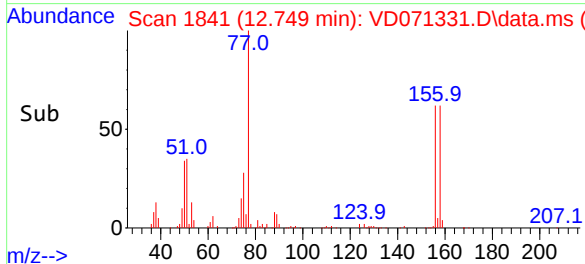
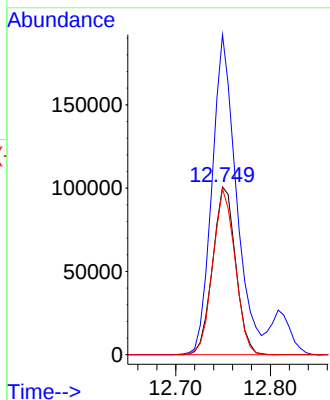
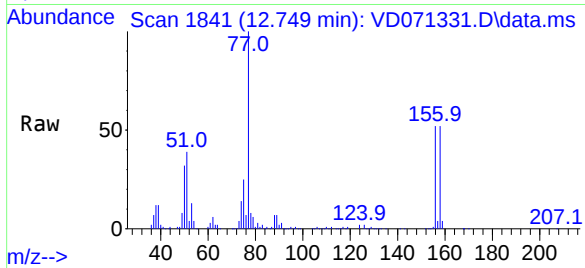




#77
Bromobenzene
Concen: 52.047 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

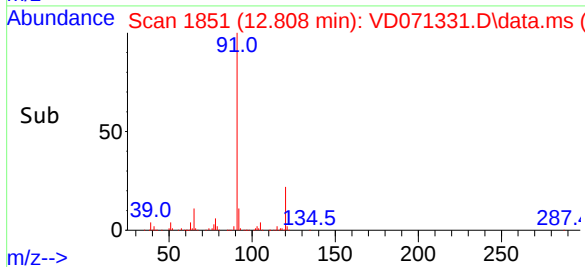
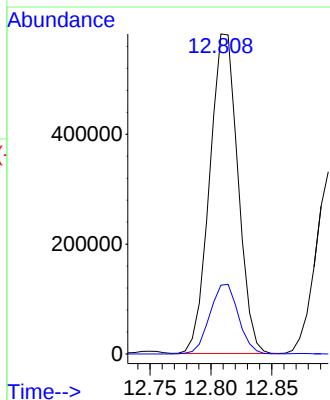
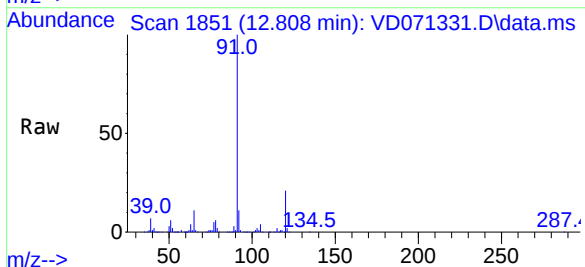
Instrument :
MSVOA_D
ClientSampleId :

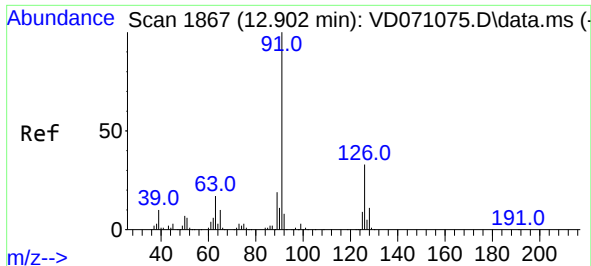
Tgt Ion:156 Resp: 169998
Ion Ratio Lower Upper
156 100
77 200.8 96.6 289.8
158 96.2 49.1 147.4



#78
n-propylbenzene
Concen: 50.109 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 91 Resp: 941006
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

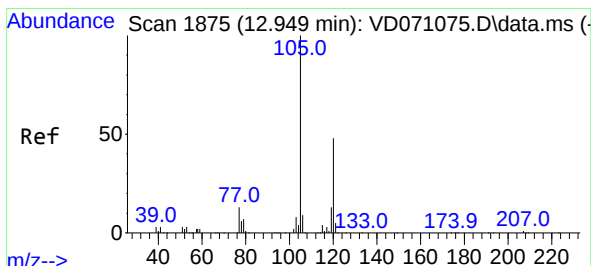
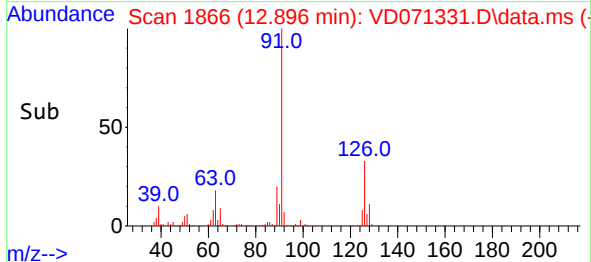
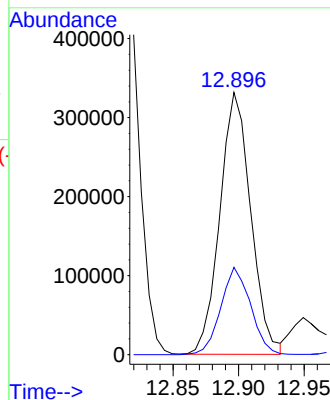
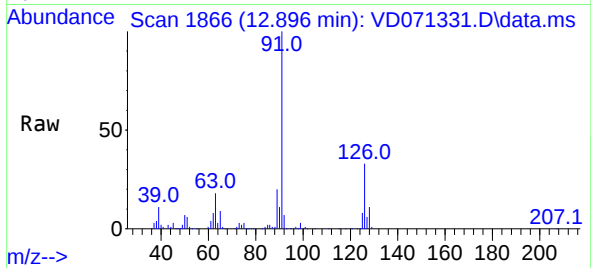




#79
2-Chlorotoluene
Concen: 51.574 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

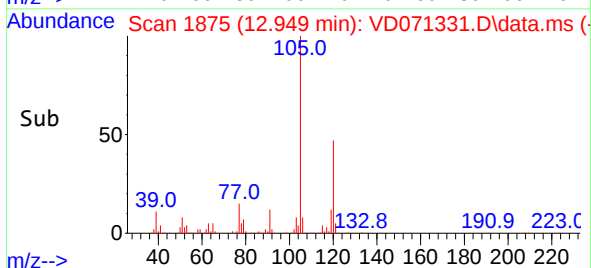
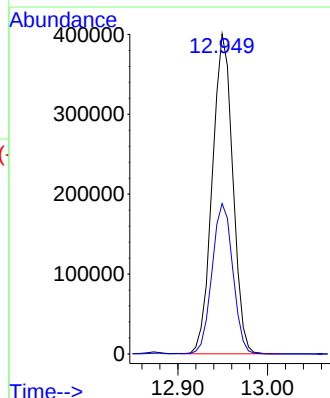
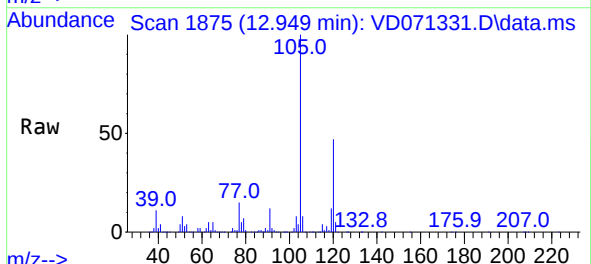
Instrument :
MSVOA_D
ClientSampleId :

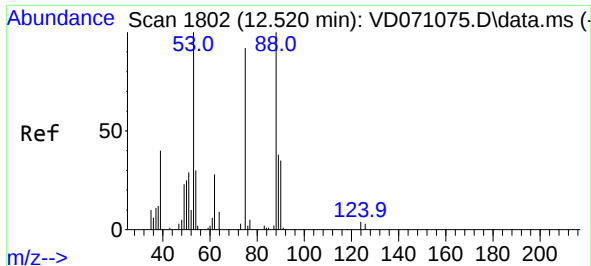
Tgt Ion: 91 Resp: 543582
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 51.006 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion:105 Resp: 634249
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.8

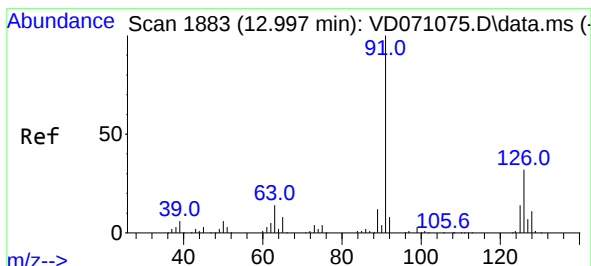
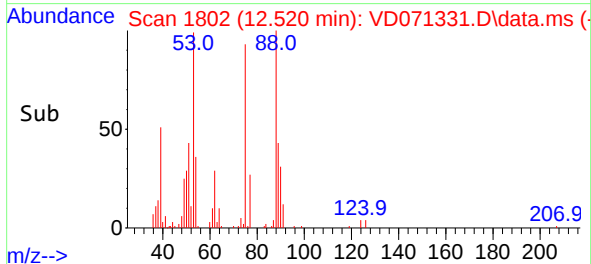
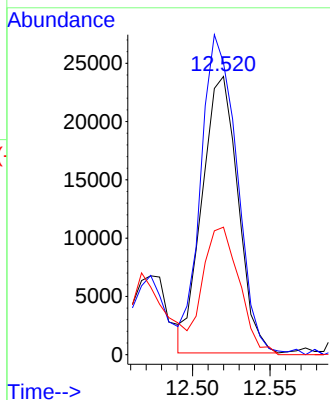
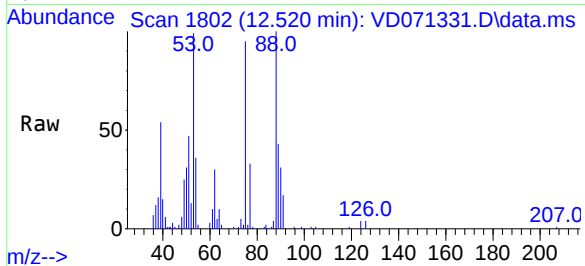




#81
trans-1,4-Dichloro-2-butene
Concen: 45.488 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

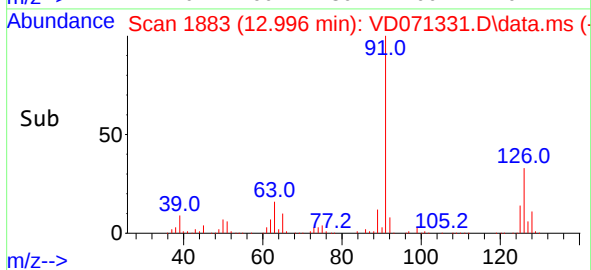
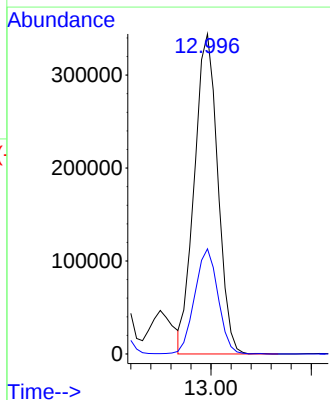
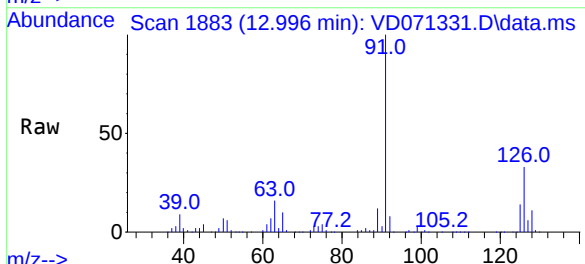
Instrument :
MSVOA_D
ClientSampleId :

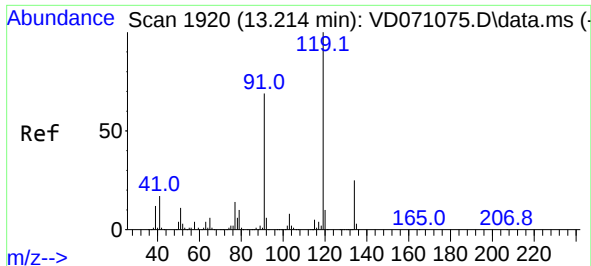
Tgt Ion: 75 Resp: 38089
Ion Ratio Lower Upper
75 100
53 115.0 62.6 94.0#
89 46.6 34.5 51.7



#82
4-Chlorotoluene
Concen: 51.094 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion: 91 Resp: 559073
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1

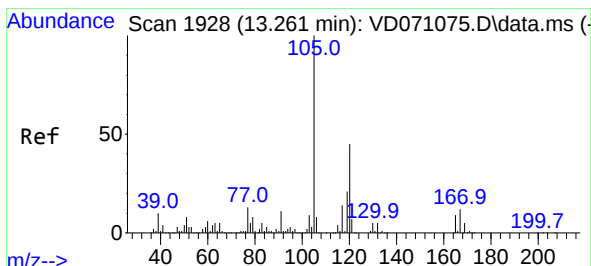
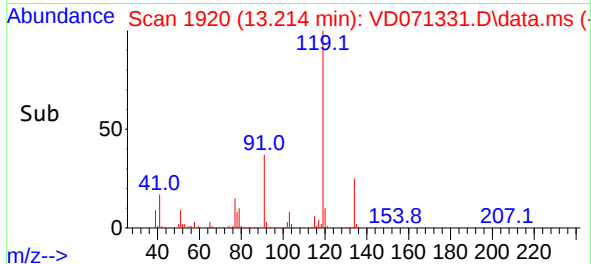
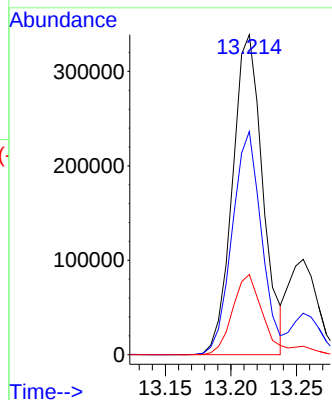
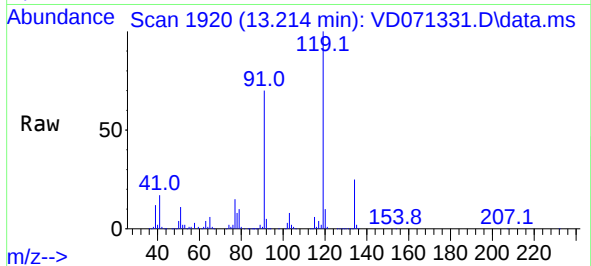




#83
tert-Butylbenzene
Concen: 50.986 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

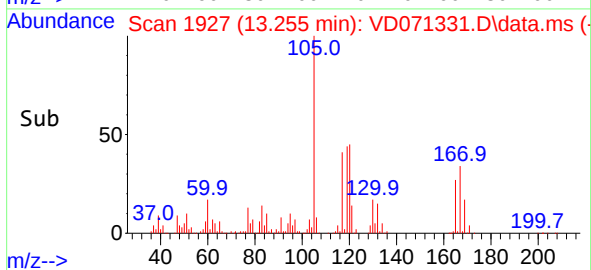
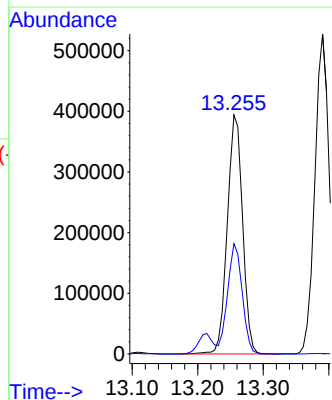
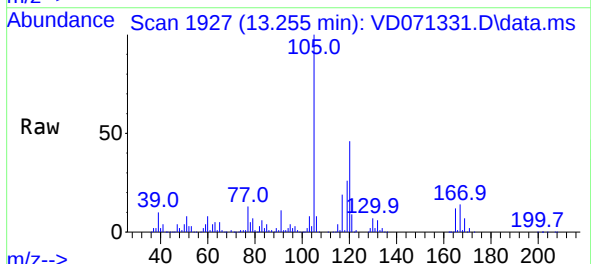
Instrument :
MSVOA_D
ClientSampleId :

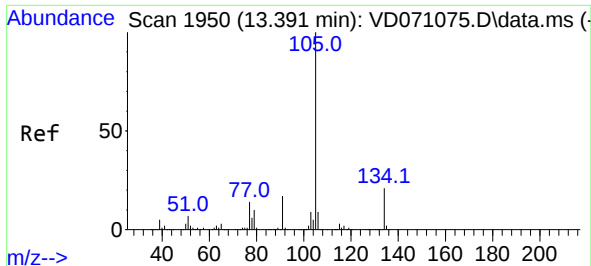
Tgt Ion:119 Resp: 544485
Ion Ratio Lower Upper
119 100
91 67.6 32.5 97.5
134 26.5 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 52.410 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion:105 Resp: 636274
Ion Ratio Lower Upper
105 100
120 43.9 22.9 68.7

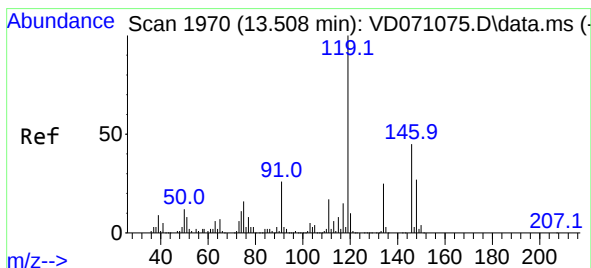
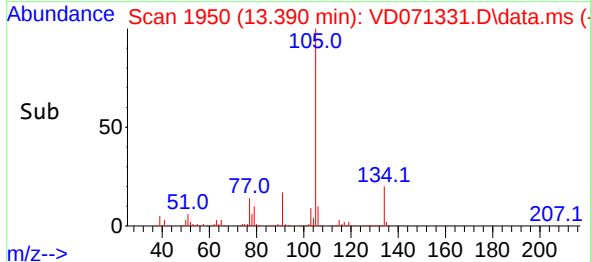
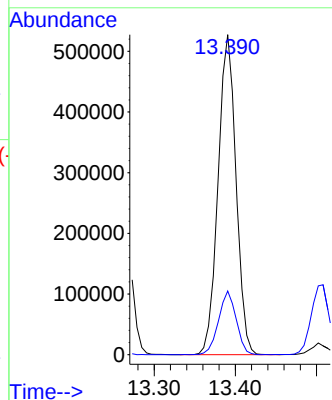
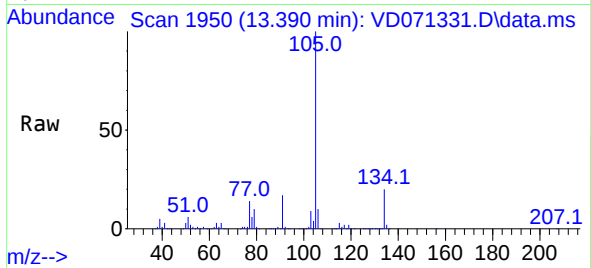




#85
 sec-Butylbenzene
 Concen: 49.778 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071331.D
 Acq: 14 Dec 2021 20:09

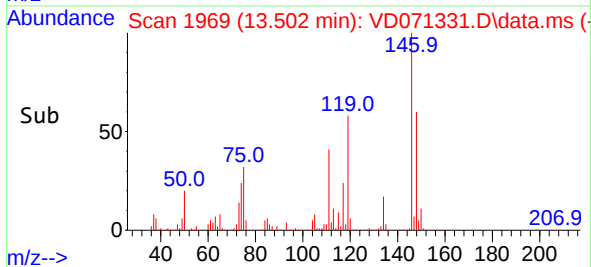
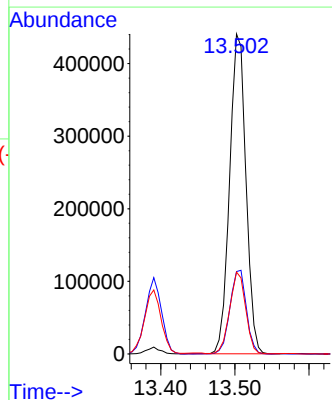
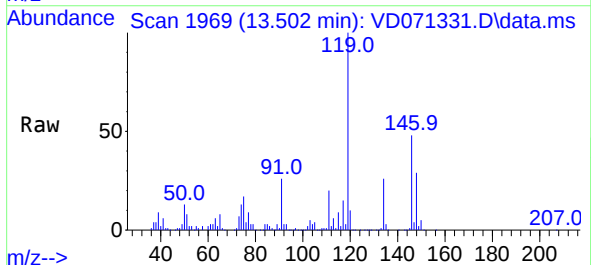
Instrument :
 MSVOA_D
 ClientSampleId :

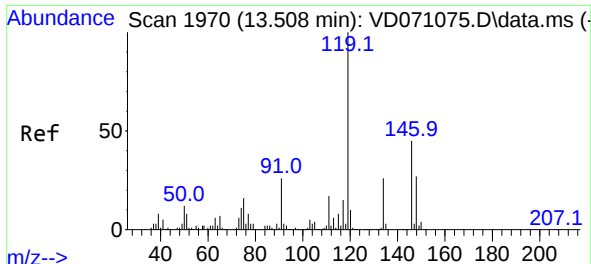
Tgt Ion:105 Resp: 811913
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.508 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071331.D
 Acq: 14 Dec 2021 20:09

Tgt Ion:119 Resp: 673797
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 24.9 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 53.651 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

Instrument :

MSVOA_D

ClientSampleId :

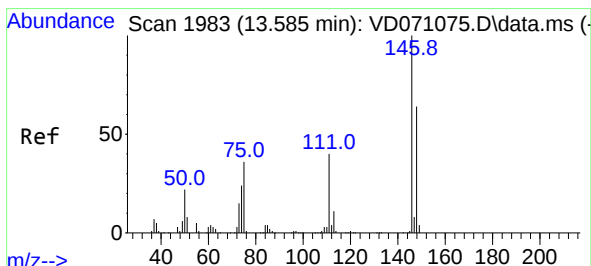
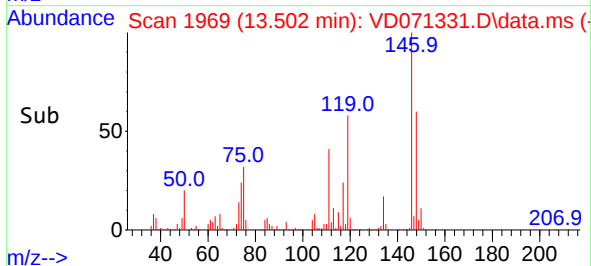
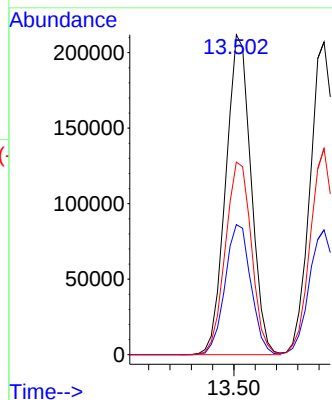
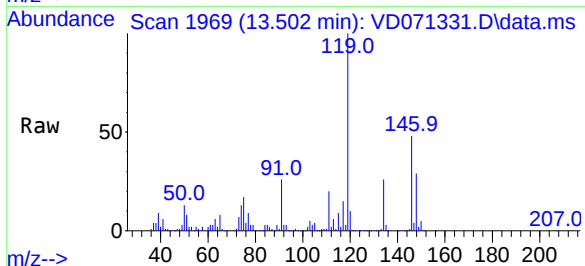
Tgt Ion:146 Resp: 348832

Ion Ratio Lower Upper

146 100

111 41.7 19.8 59.4

148 62.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 53.017 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD071331.D

Acq: 14 Dec 2021 20:09

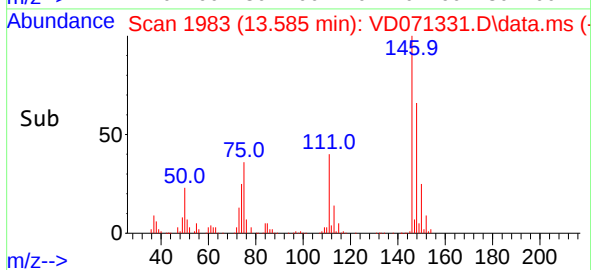
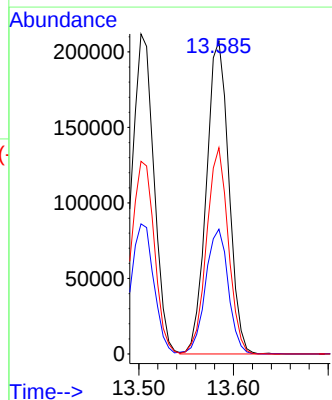
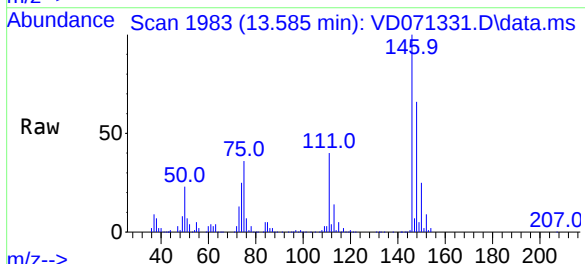
Tgt Ion:146 Resp: 341516

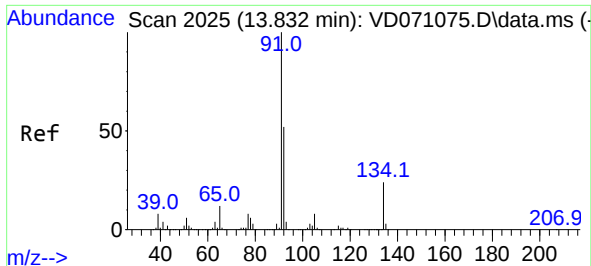
Ion Ratio Lower Upper

146 100

111 40.3 19.6 58.8

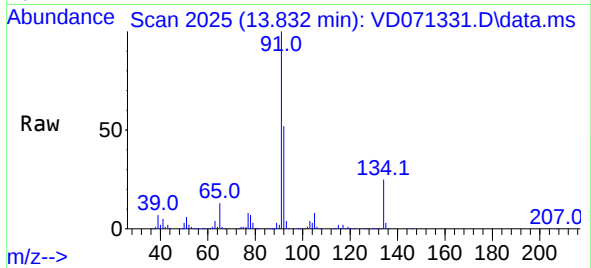
148 63.9 31.5 94.5



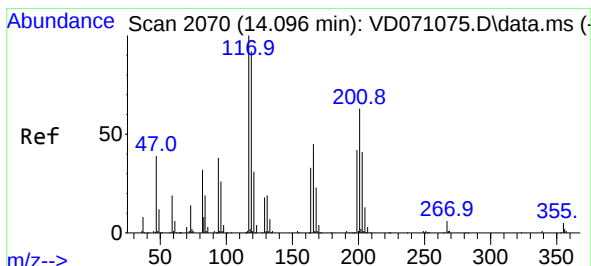
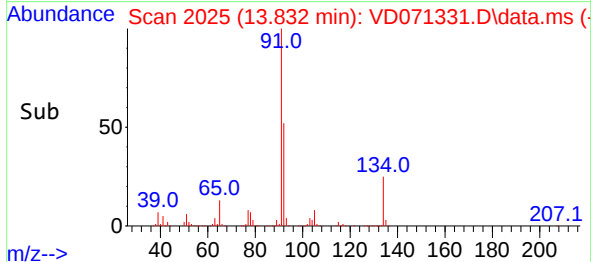
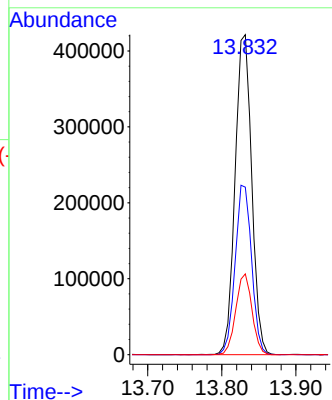


#89
n-Butylbenzene
Concen: 50.360 ug/l
RT: 13.832 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

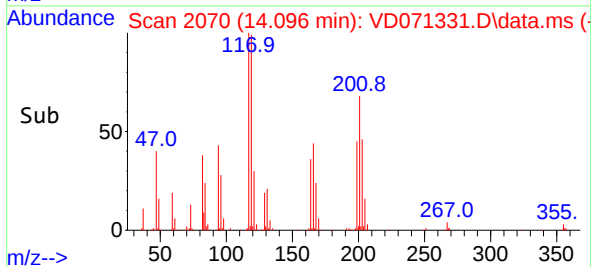
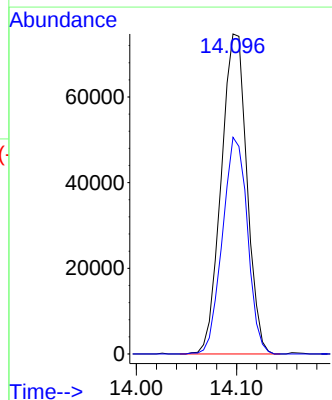
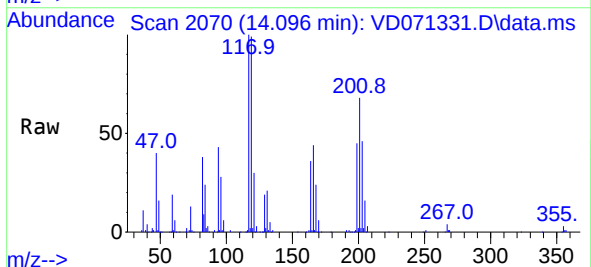


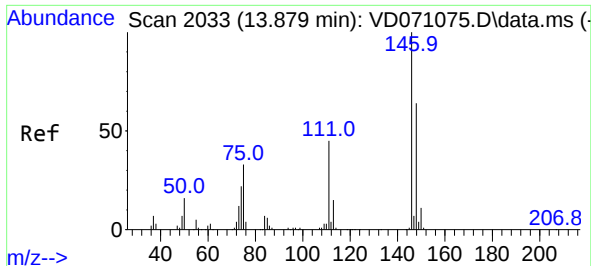
Tgt Ion: 91 Resp: 655824
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 24.7 12.3 36.9



#90
Hexachloroethane
Concen: 52.520 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

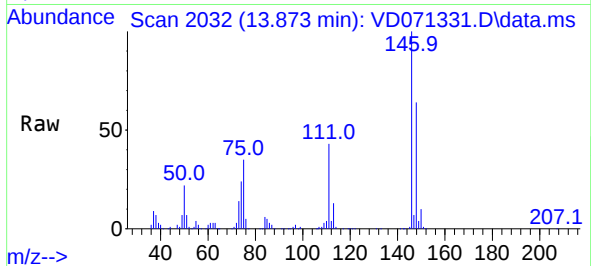
Tgt Ion: 117 Resp: 132818
Ion Ratio Lower Upper
117 100
201 66.0 36.0 108.1



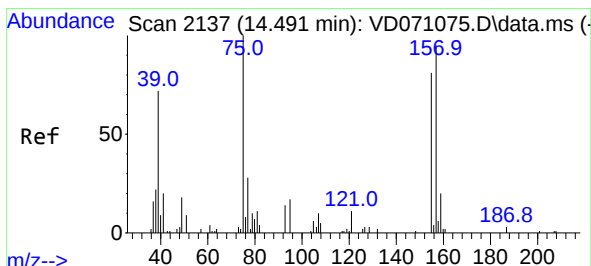
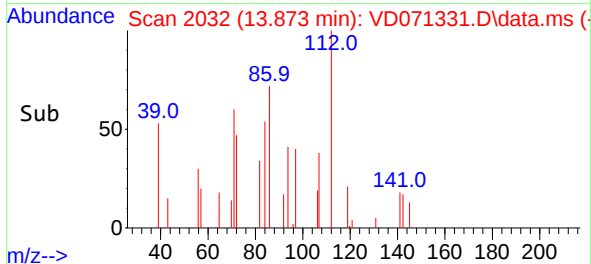
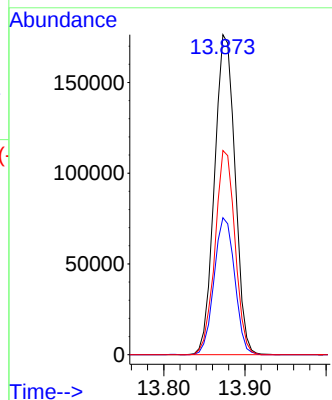


#91
1,2-Dichlorobenzene
Concen: 56.101 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

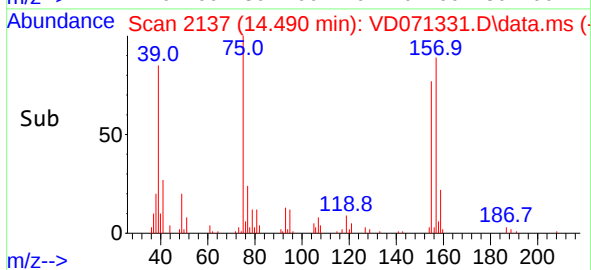
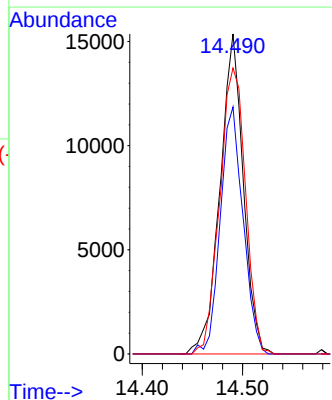
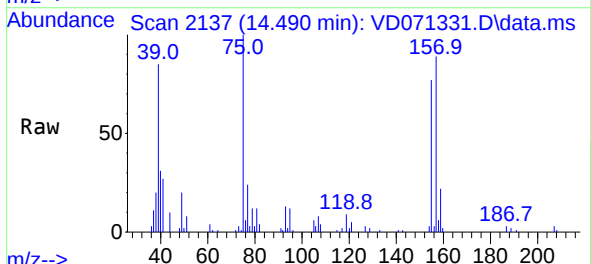


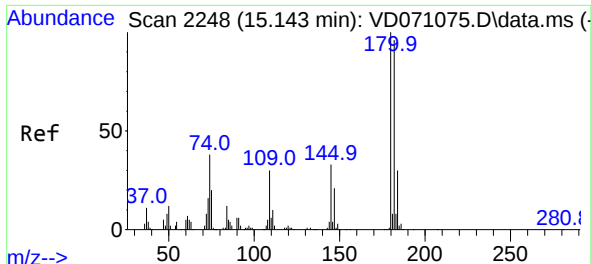
Tgt Ion:146 Resp: 310197
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.2
148 62.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.270 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

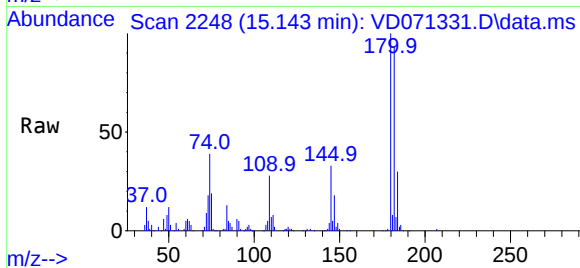
Tgt Ion: 75 Resp: 24778
Ion Ratio Lower Upper
75 100
155 75.4 40.0 120.0
157 98.8 49.8 149.3



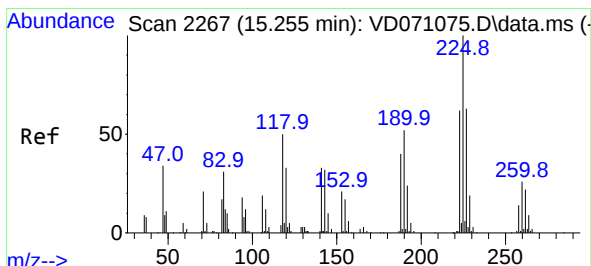
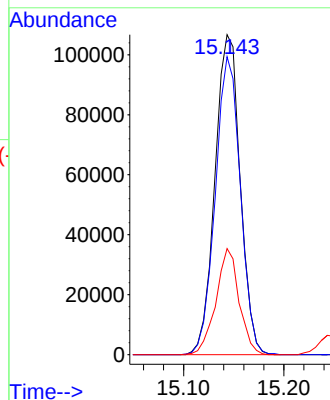
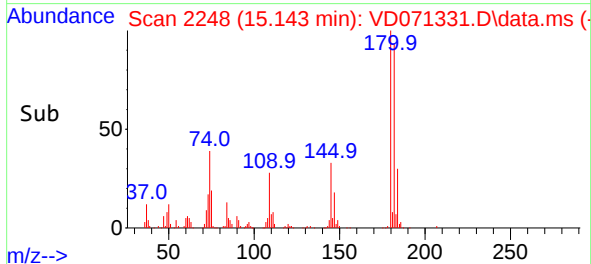


#93
1,2,4-Trichlorobenzene
Concen: 53.981 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

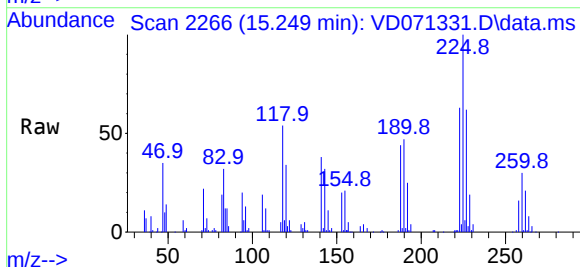
Instrument :
MSVOA_D
ClientSampleId :



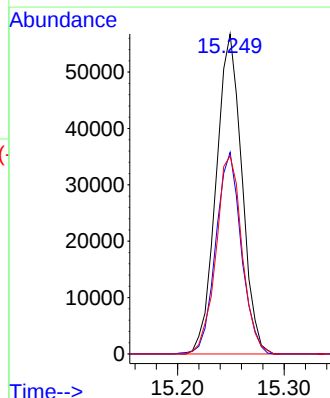
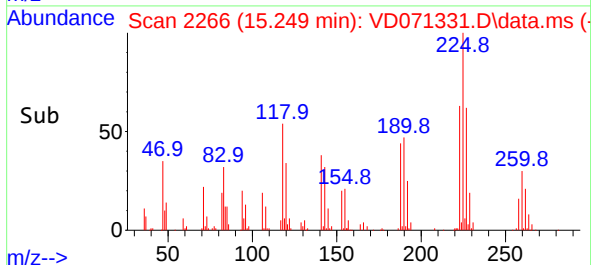
Tgt Ion:180 Resp: 186179
Ion Ratio Lower Upper
180 100
182 92.7 48.2 144.6
145 30.5 15.4 46.2



#94
Hexachlorobutadiene
Concen: 48.810 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09



Tgt Ion:225 Resp: 95251
Ion Ratio Lower Upper
225 100
223 62.2 31.8 95.3
227 62.4 31.6 94.8

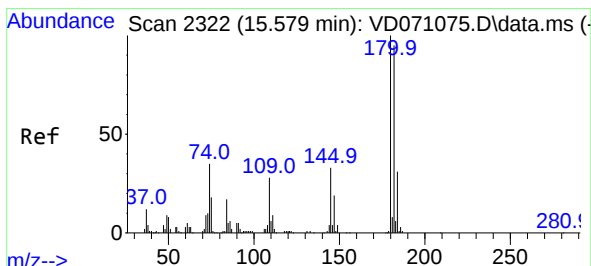
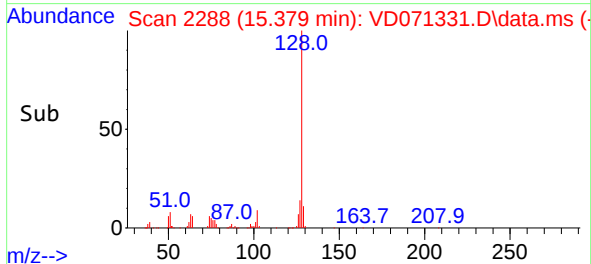
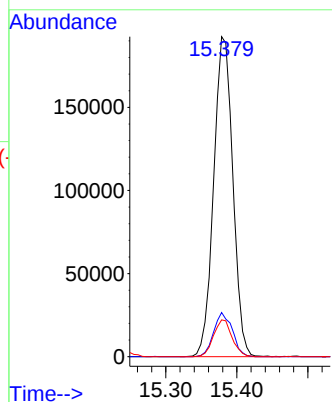
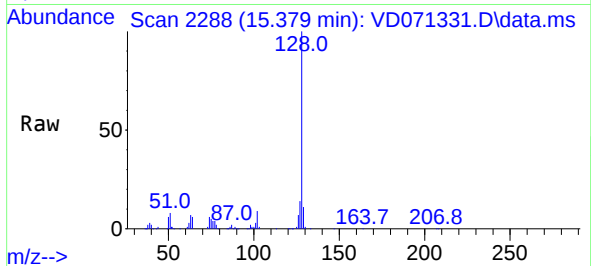




#95
Naphthalene
Concen: 59.204 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 359959
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.128 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD071331.D
Acq: 14 Dec 2021 20:09

Tgt Ion:180 Resp: 164418
Ion Ratio Lower Upper
180 100
182 93.2 46.7 140.1
145 32.2 15.9 47.6

