

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070043.D
 Acq On : 13 Aug 2021 11:36
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 14 02:13:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:11:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	564768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1015220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	959450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	453736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129182	19.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.900%#
35) Dibromofluoromethane	7.909	113	129211	19.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.400%#
50) Toluene-d8	10.338	98	499801	19.592	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	39.180%#
62) 4-Bromofluorobenzene	12.626	95	165177	19.658	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	154503	23.902	ug/l	99
3) Chloromethane	2.209	50	198264	22.348	ug/l	99
4) Vinyl Chloride	2.344	62	209345	21.902	ug/l	99
5) Bromomethane	2.744	94	125887	20.931	ug/l	93
6) Chloroethane	2.909	64	129742	21.248	ug/l	99
7) Trichlorofluoromethane	3.262	101	242579	21.131	ug/l	93
8) Diethyl Ether	3.709	74	66778	20.326	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.085	101	154252	21.121	ug/l	100
10) Methyl Iodide	4.297	142	136472	20.437	ug/l	99
11) Tert butyl alcohol	5.220	59	36408	98.894	ug/l	96
12) 1,1-Dichloroethene	4.068	96	138282	20.609	ug/l	91
13) Acrolein	3.921	56	43031	101.749	ug/l	99
14) Allyl chloride	4.709	41	205549	20.531	ug/l	100
15) Acrylonitrile	5.415	53	156384	102.655	ug/l	99
16) Acetone	4.150	43	126492	103.371	ug/l	97
17) Carbon Disulfide	4.403	76	516228	21.280	ug/l	99
18) Methyl Acetate	4.721	43	77675	21.291	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	282148	20.262	ug/l	96
20) Methylene Chloride	4.962	84	230893	21.107	ug/l	98
21) trans-1,2-Dichloroethene	5.468	96	162663	20.871	ug/l	98
22) Diisopropyl ether	6.362	45	454770	21.598	ug/l	98
23) Vinyl Acetate	6.309	43	952375	99.803	ug/l	100
24) 1,1-Dichloroethane	6.262	63	302150	20.973	ug/l	99
25) 2-Butanone	7.214	43	169050	101.103	ug/l	92
26) 2,2-Dichloropropane	7.203	77	233259	20.795	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	171308	20.697	ug/l	99
28) Bromochloromethane	7.544	49	114909	21.919	ug/l	99
29) Tetrahydrofuran	7.562	42	113107	103.306	ug/l	98
30) Chloroform	7.709	83	293542	20.719	ug/l	98
31) Cyclohexane	7.979	56	272297	20.711	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	245969	20.775	ug/l	98
36) 1,1-Dichloropropene	8.109	75	232557	21.293	ug/l	98
37) Ethyl Acetate	7.291	43	81949	20.658	ug/l	98
38) Carbon Tetrachloride	8.097	117	212105	21.392	ug/l	97
39) Methylcyclohexane	9.350	83	258148	20.301	ug/l	94
40) Benzene	8.350	78	658340	20.782	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	41496	20.672	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	169944	20.933	ug/l	98
43) Isopropyl Acetate	8.450	43	154001	20.794	ug/l	100
44) Trichloroethene	9.108	130	160776	21.010	ug/l	95
45) 1,2-Dichloropropane	9.385	63	172702	20.988	ug/l	93
46) Dibromomethane	9.473	93	85509	21.395	ug/l	98
47) Bromodichloromethane	9.661	83	216859	20.973	ug/l	95
48) Methyl methacrylate	9.450	41	72852	20.628	ug/l	98
49) 1,4-Dioxane	9.456	88	18544	426.360	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	404628	105.073	ug/l	97
52) Toluene	10.403	92	404903	21.000	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	189751	20.718	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	232969	20.957	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	116522	20.577	ug/l	96
56) Ethyl methacrylate	10.655	69	130134	20.195	ug/l	99
57) 1,3-Dichloropropane	10.944	76	205242	20.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	334793	98.505	ug/l	100
59) 2-Hexanone	10.979	43	269659	104.560	ug/l	97
60) Dibromochloromethane	11.138	129	134439	20.725	ug/l	100
61) 1,2-Dibromoethane	11.238	107	108907	21.244	ug/l	100
64) Tetrachloroethene	10.873	164	129773	20.966	ug/l	99
65) Chlorobenzene	11.661	112	412090	20.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	149061	20.939	ug/l	99
67) Ethyl Benzene	11.738	91	728796	20.562	ug/l	99
68) m/p-Xylenes	11.850	106	583281	42.465	ug/l	100
69) o-Xylene	12.173	106	258346	20.845	ug/l	98
70) Styrene	12.185	104	459243	21.157	ug/l	99
71) Bromoform	12.350	173	73532	21.200	ug/l #	100
73) Isopropylbenzene	12.473	105	677277	20.469	ug/l	99
74) N-amyl acetate	12.279	43	141451	19.828	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	139411	21.117	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	166968	45.177	ug/l #	1
77) Bromobenzene	12.755	156	151663	20.651	ug/l	99
78) n-propylbenzene	12.814	91	892564	20.917	ug/l	99
79) 2-Chlorotoluene	12.897	91	506828	20.644	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	595818	21.152	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	36196	20.418	ug/l	97
82) 4-Chlorotoluene	12.997	91	539943	21.004	ug/l	100
83) tert-Butylbenzene	13.214	119	465153	20.316	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	594061	21.260	ug/l	98
85) sec-Butylbenzene	13.391	105	759936	20.716	ug/l	99
86) p-Isopropyltoluene	13.508	119	617434	20.834	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	325289	20.847	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	322716	20.881	ug/l	100
89) n-Butylbenzene	13.832	91	590581	20.307	ug/l	99
90) Hexachloroethane	14.102	117	129128	20.647	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	282486	21.128	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	20549	20.838	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	149577	20.117	ug/l	99
94) Hexachlorobutadiene	15.255	225	90609	20.630	ug/l	98
95) Naphthalene	15.391	128	260166	19.225	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	130029	20.034	ug/l	99

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ClientSampleId :
VSTDICC020

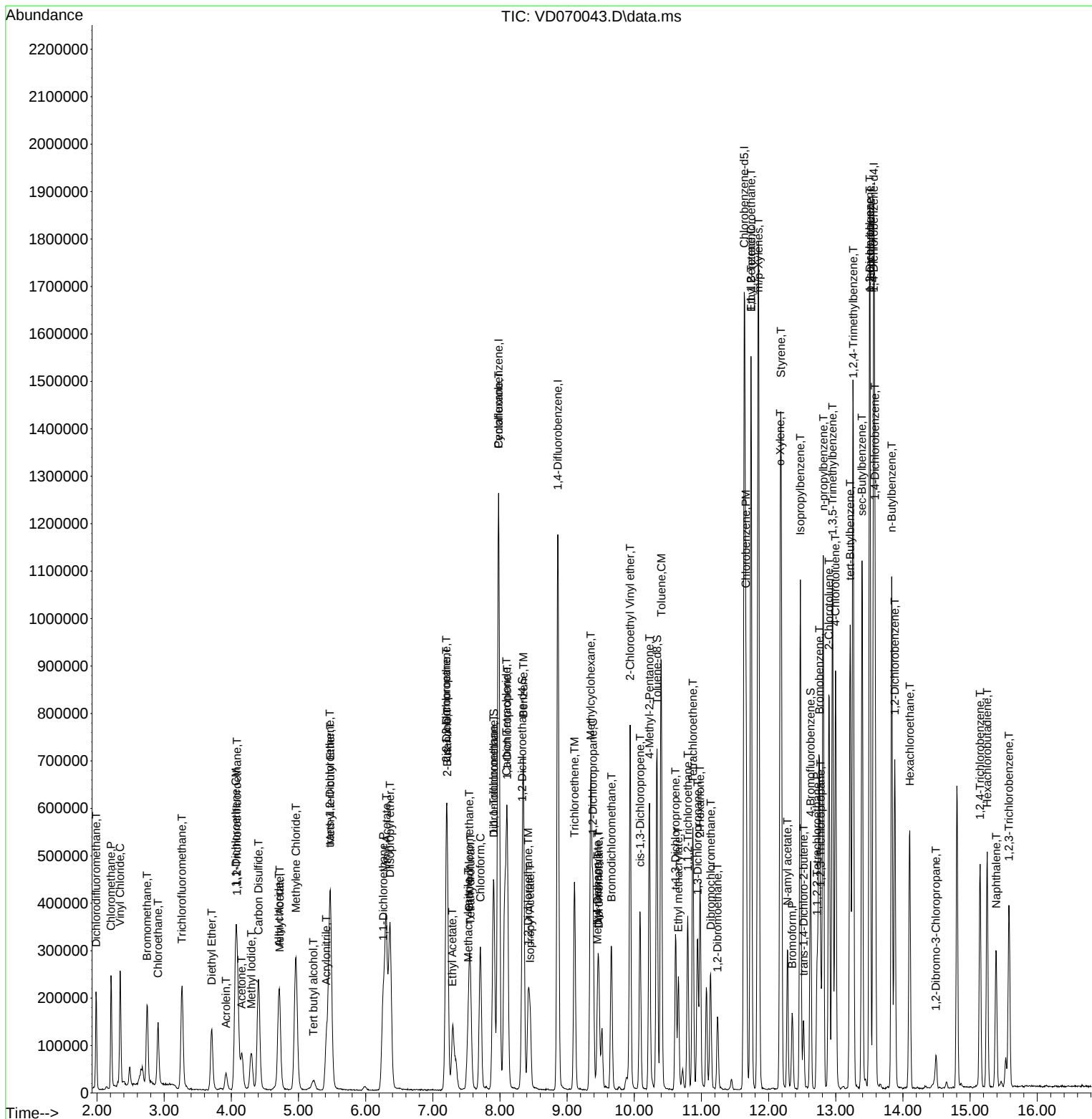
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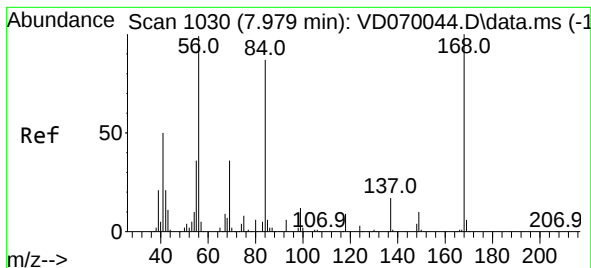
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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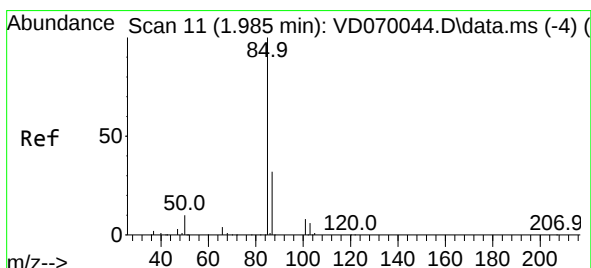
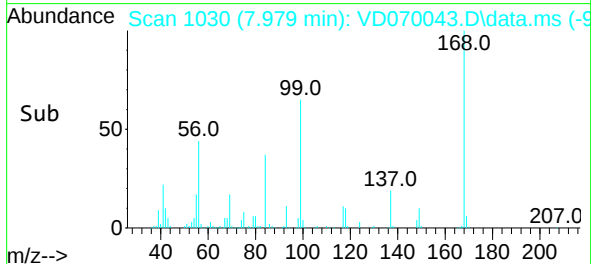
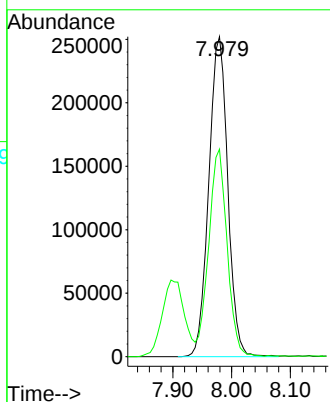
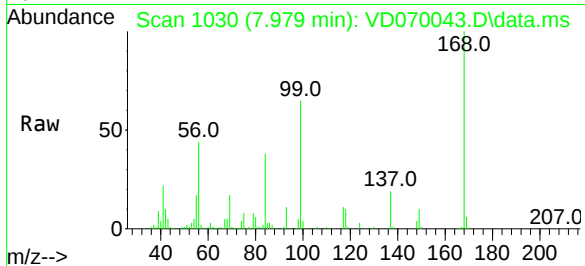




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070043.D
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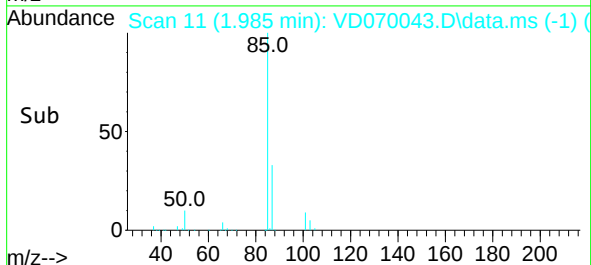
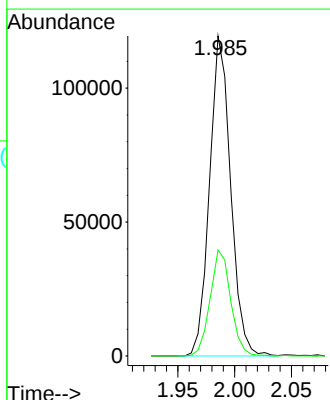
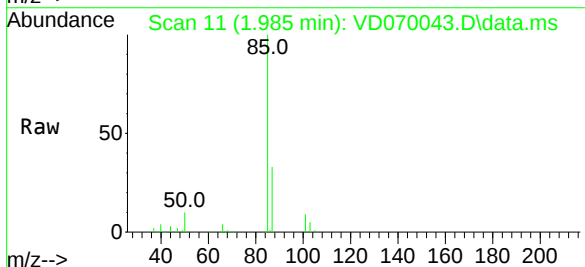
Instrument :
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ClientSampleId :
VSTDIC020

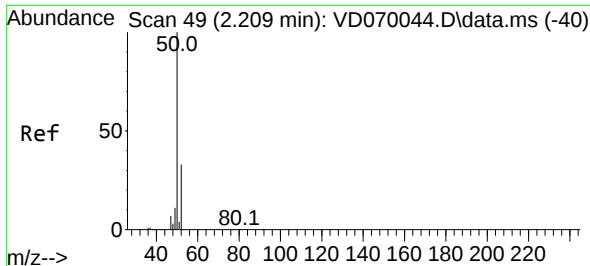
Tgt Ion:168 Resp: 564768
Ion Ratio Lower Upper
168 100
99 64.6 50.3 75.5



#2
Dichlorodifluoromethane
Concen: 23.902 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 85 Resp: 154503
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6

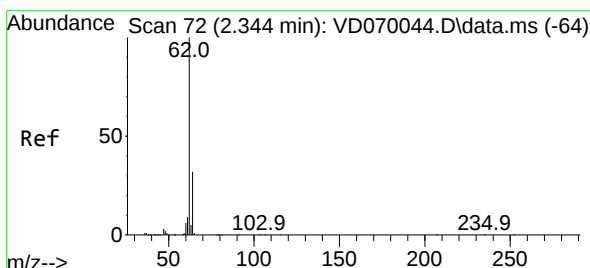
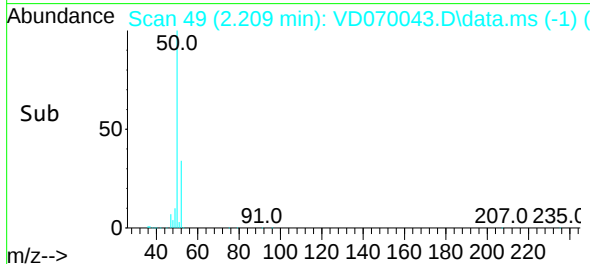
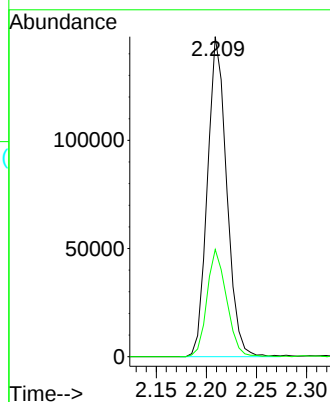
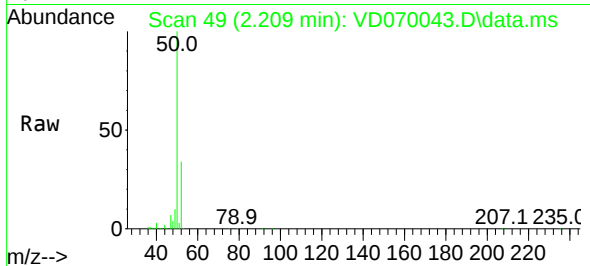




#3
Chloromethane
Concen: 22.348 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

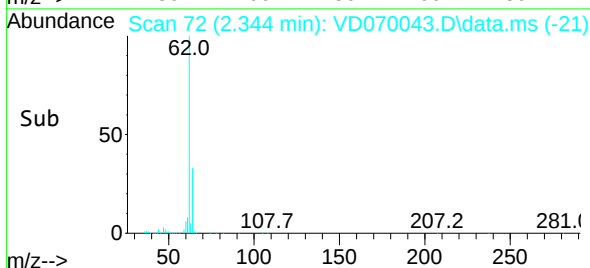
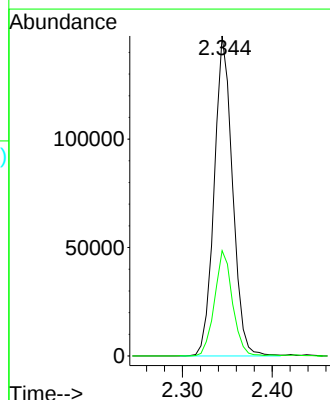
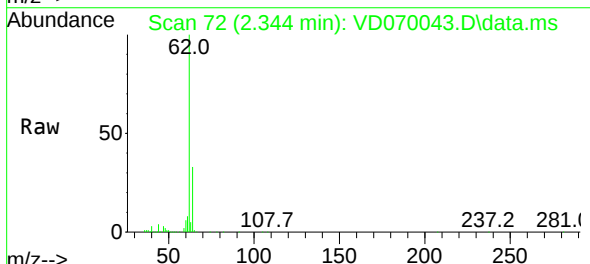
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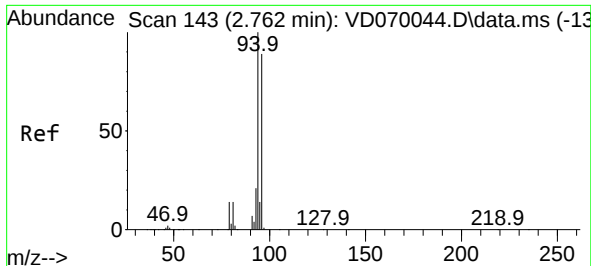
Tgt Ion: 50 Resp: 198264
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5



#4
Vinyl Chloride
Concen: 21.902 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 62 Resp: 209345
Ion Ratio Lower Upper
62 100
64 32.8 25.7 38.5

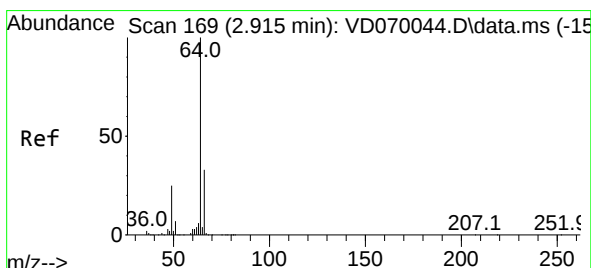
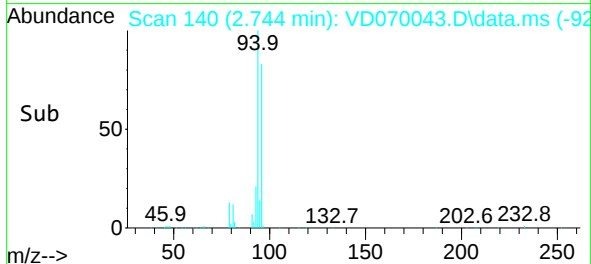
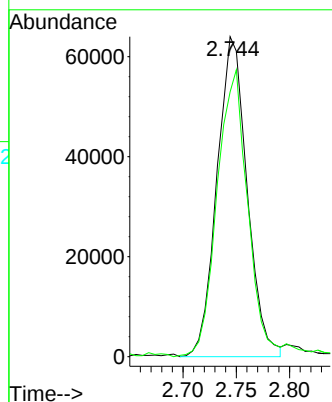
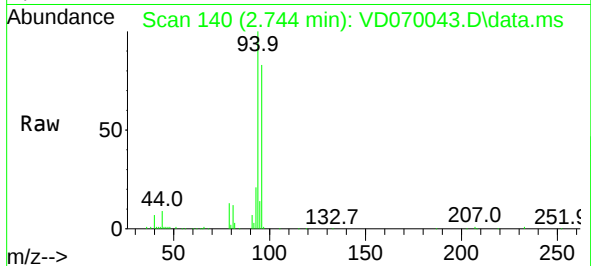




#5
Bromomethane
Concen: 20.931 ug/l
RT: 2.744 min Scan# 140
Delta R.T. -0.018 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

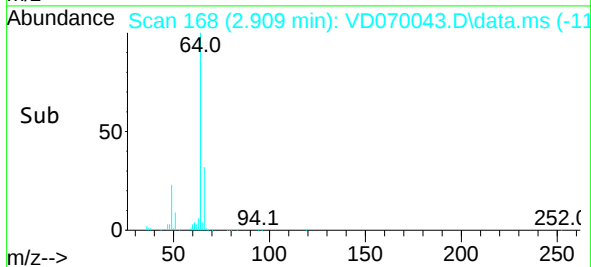
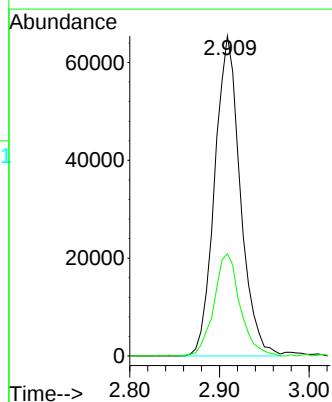
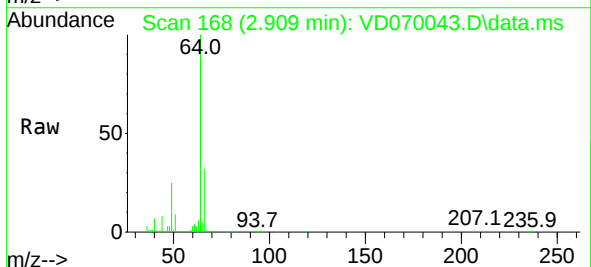
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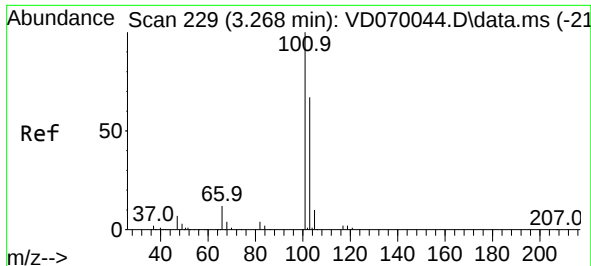
Tgt Ion: 94 Resp: 125887
Ion Ratio Lower Upper
94 100
96 82.3 70.9 106.3



#6
Chloroethane
Concen: 21.248 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD070043.D
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Tgt Ion: 64 Resp: 129742
Ion Ratio Lower Upper
64 100
66 31.9 26.0 39.0

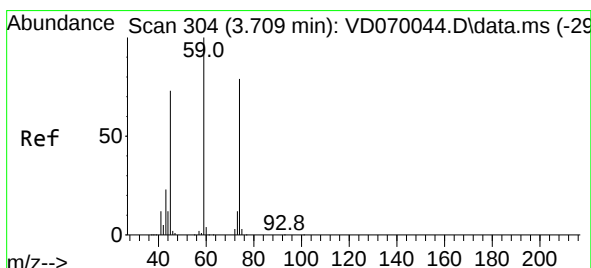
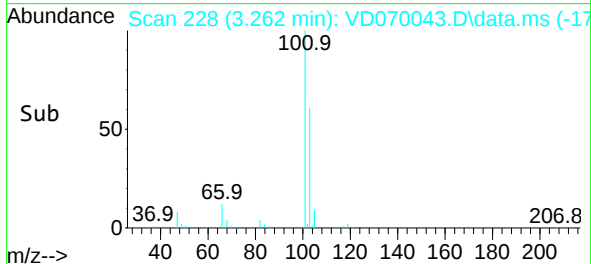
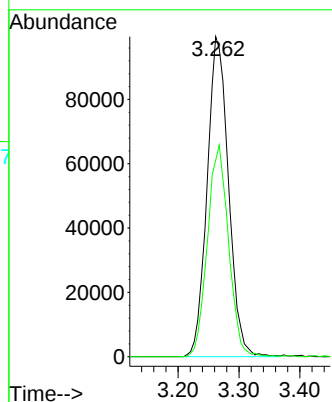
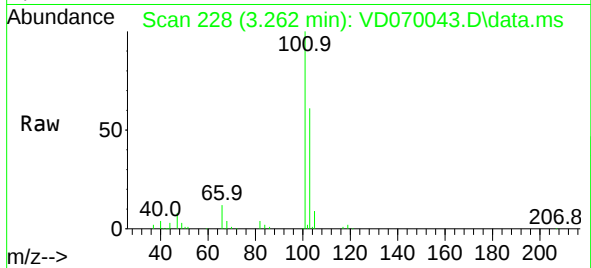




#7
Trichlorofluoromethane
Concen: 21.131 ug/l
RT: 3.262 min Scan# 228
Delta R.T. -0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

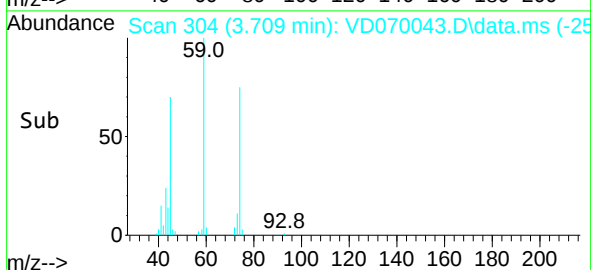
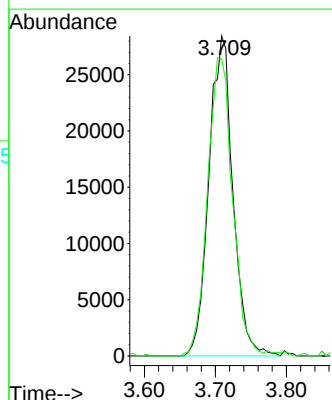
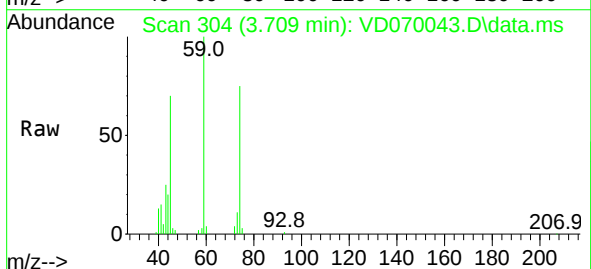
Instrument :
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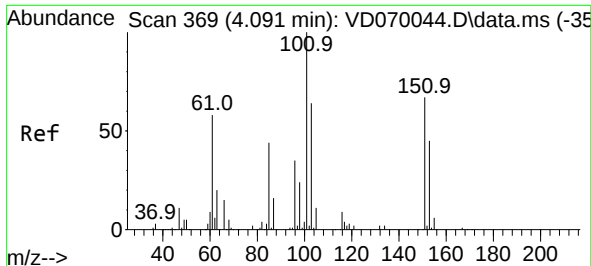
Tgt Ion:101 Resp: 242579
Ion Ratio Lower Upper
101 100
103 61.4 53.9 80.9



#8
Diethyl Ether
Concen: 20.326 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 74 Resp: 66778
Ion Ratio Lower Upper
74 100
45 97.1 48.6 145.9

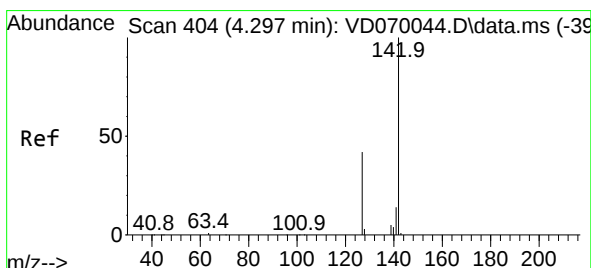
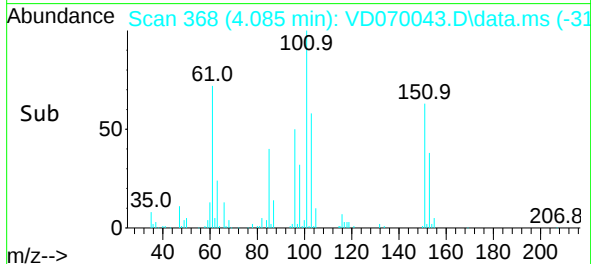
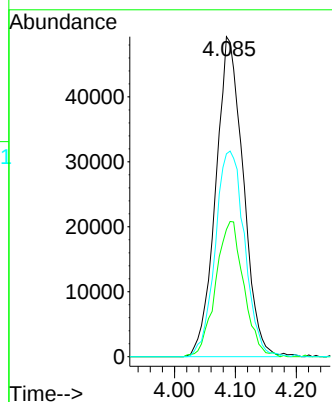
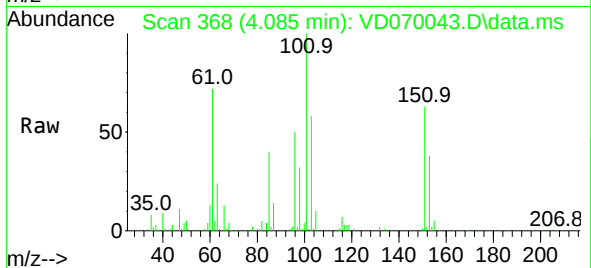




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.121 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

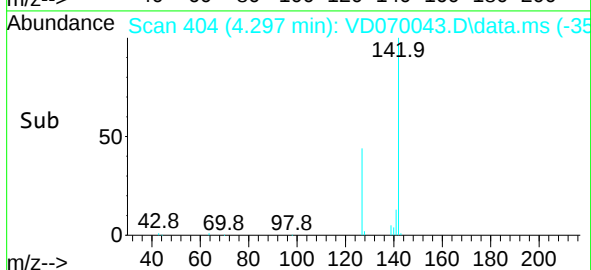
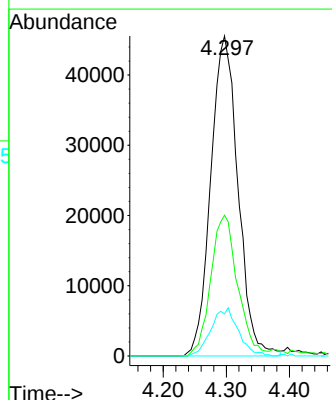
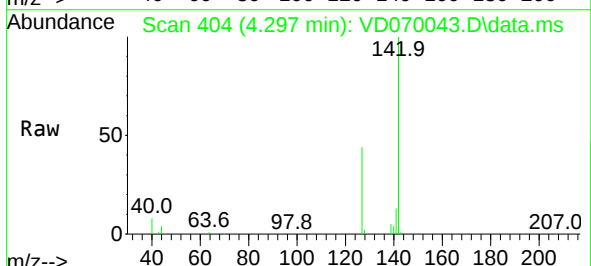
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

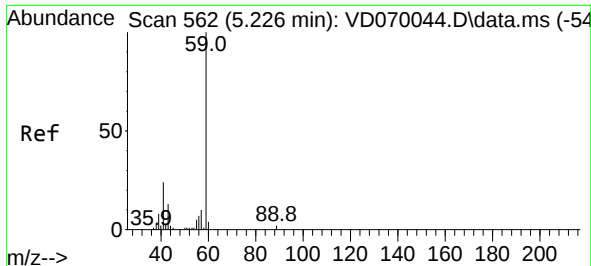
Tgt Ion:101 Resp: 154252
Ion Ratio Lower Upper
101 100
85 43.3 34.6 52.0
151 68.7 55.0 82.6



#10
Methyl Iodide
Concen: 20.437 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion:142 Resp: 136472
Ion Ratio Lower Upper
142 100
127 43.4 35.4 53.0
141 15.0 12.1 18.1

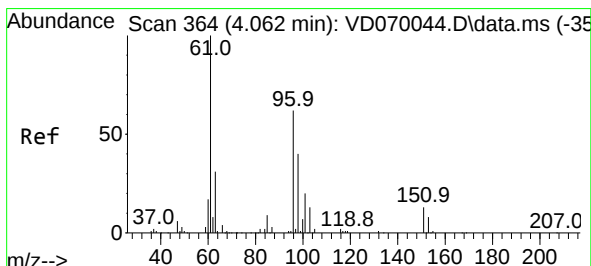
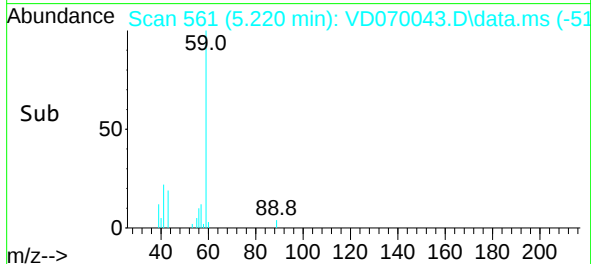
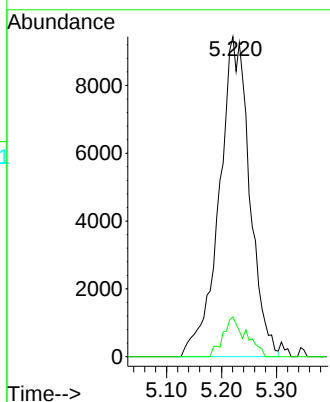
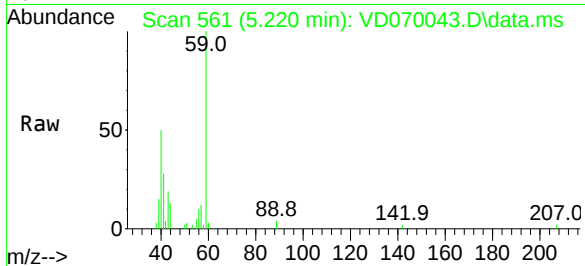




#11
Tert butyl alcohol
Concen: 98.894 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

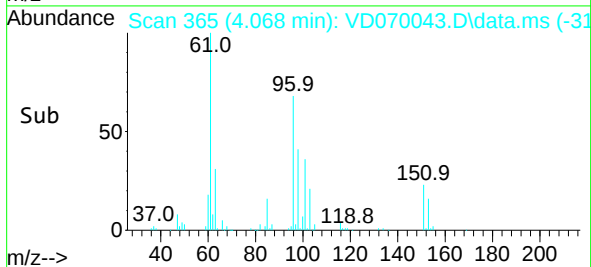
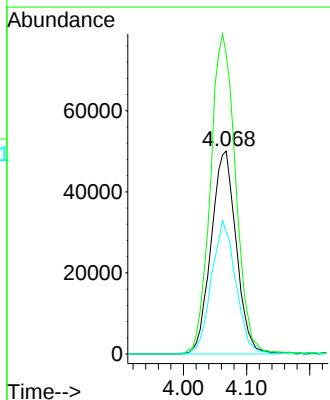
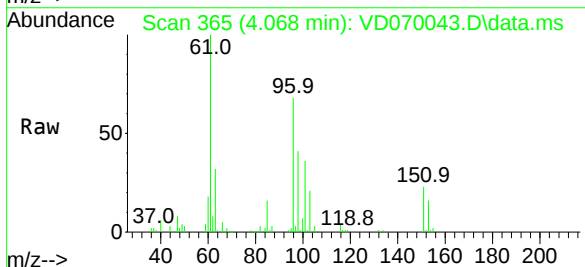
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

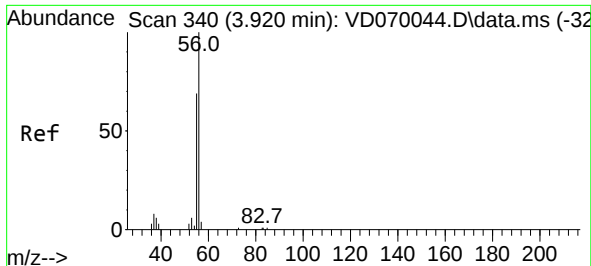
Tgt Ion: 59 Resp: 36408
Ion Ratio Lower Upper
59 100
57 9.3 8.8 13.2



#12
1,1-Dichloroethene
Concen: 20.609 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 96 Resp: 138282
Ion Ratio Lower Upper
96 100
61 147.7 129.1 193.7
98 60.1 52.0 78.0

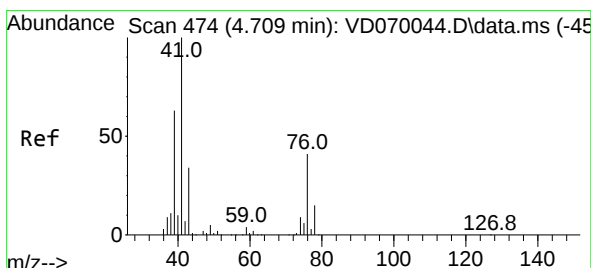
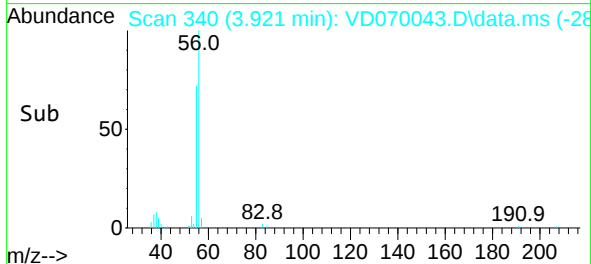
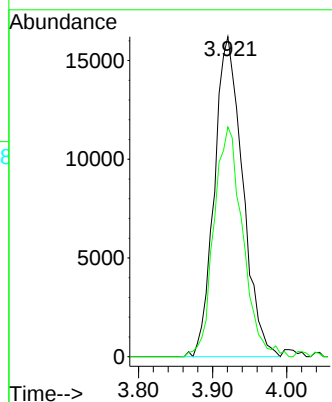
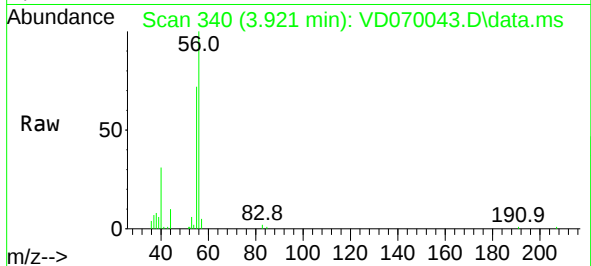




#13
Acrolein
Concen: 101.749 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

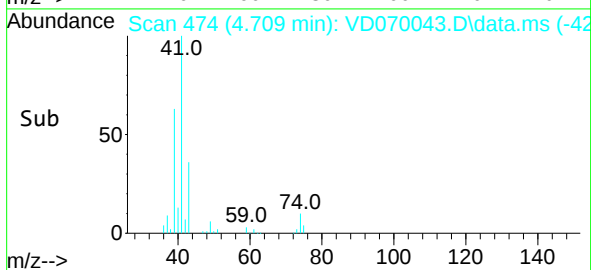
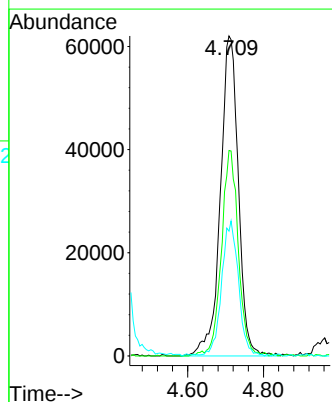
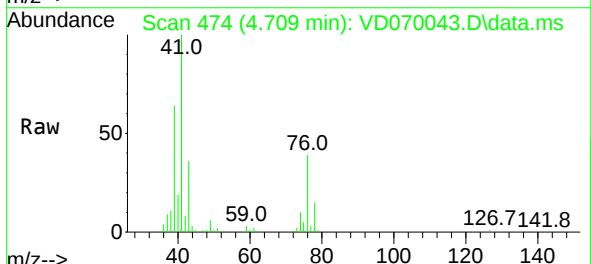
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

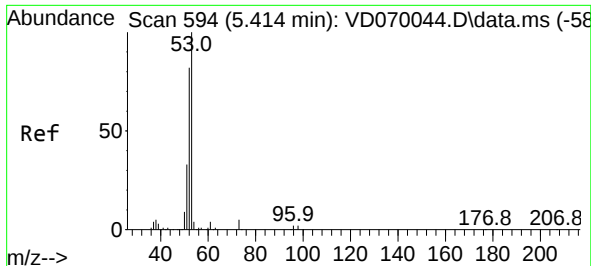
Tgt Ion: 56 Resp: 43031
Ion Ratio Lower Upper
56 100
55 72.8 57.4 86.0



#14
Allyl chloride
Concen: 20.531 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 41 Resp: 205549
Ion Ratio Lower Upper
41 100
39 60.3 47.9 71.9
76 39.3 31.6 47.4

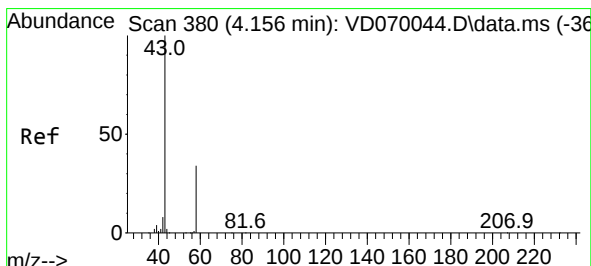
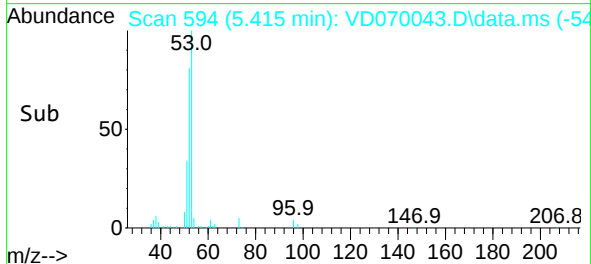
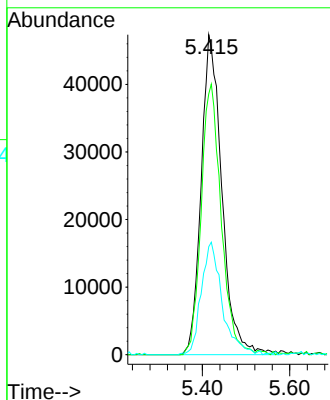
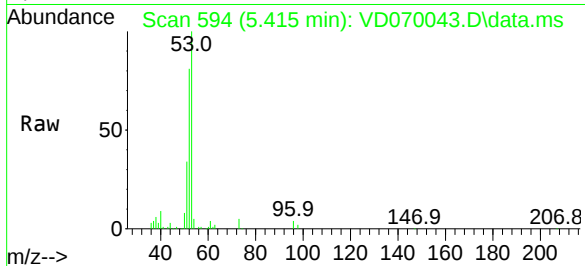




#15
Acrylonitrile
Concen: 102.655 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

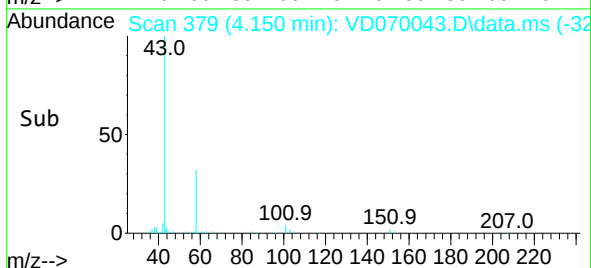
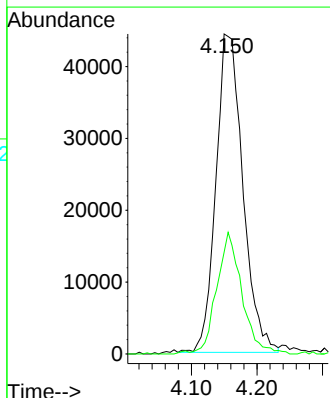
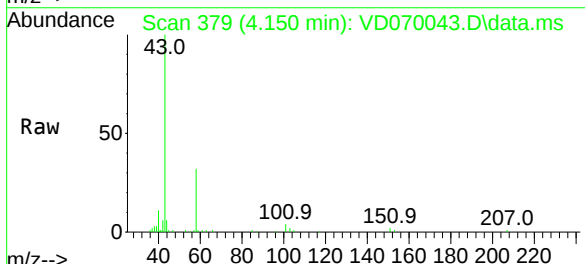
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

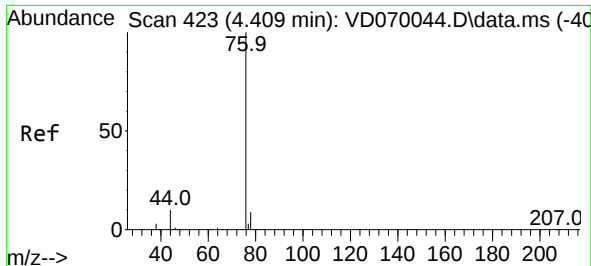
Tgt Ion:	53	Resp:	156384
Ion	Ratio	Lower	Upper
53	100		
52	81.4	64.5	96.7
51	35.3	28.2	42.4



#16
Acetone
Concen: 103.371 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion:	43	Resp:	126492
Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.8	40.2

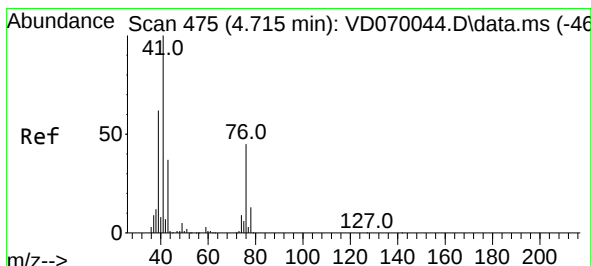
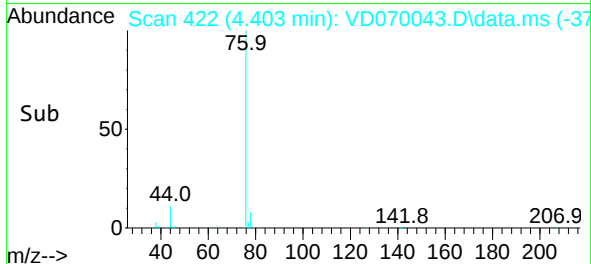
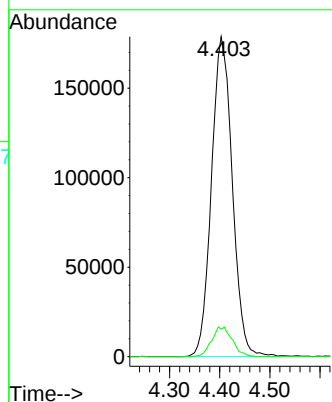
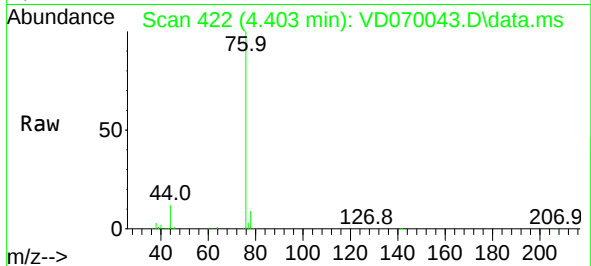




#17
Carbon Disulfide
Concen: 21.280 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

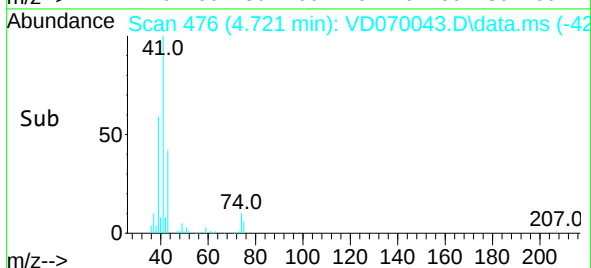
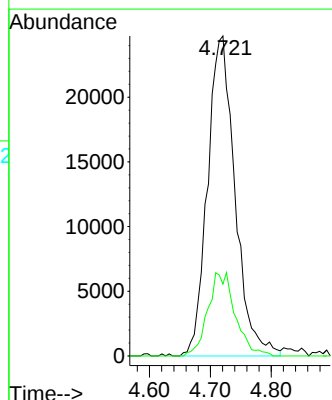
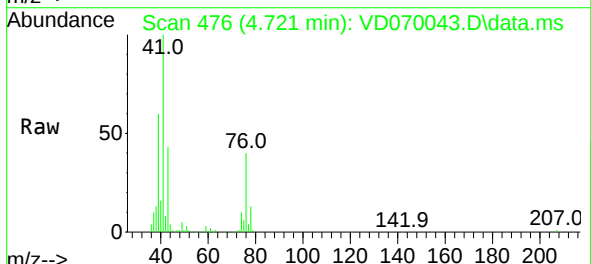
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

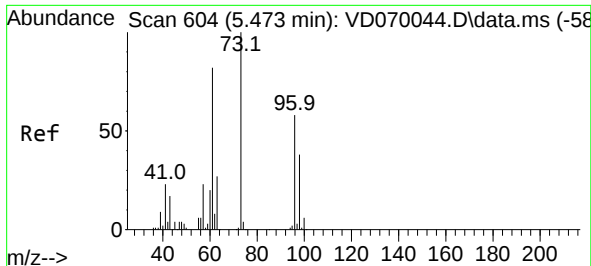
Tgt Ion: 76 Resp: 516228
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 21.291 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 43 Resp: 77675
Ion Ratio Lower Upper
43 100
74 26.0 20.2 30.2



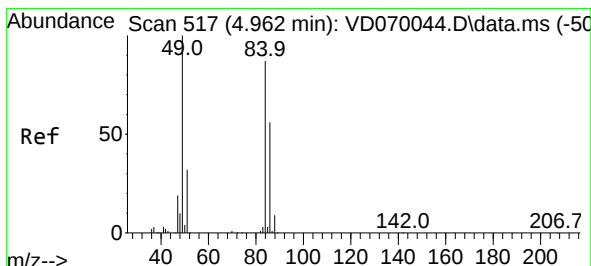
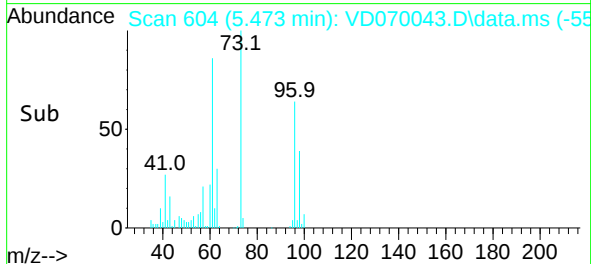
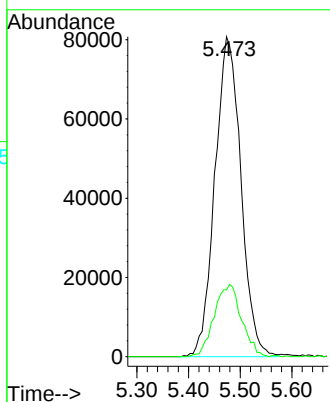
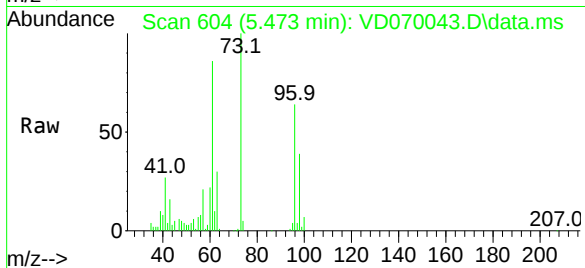


#19

Methyl tert-butyl Ether
Concen: 20.262 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

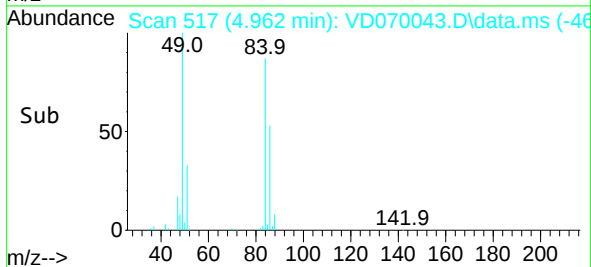
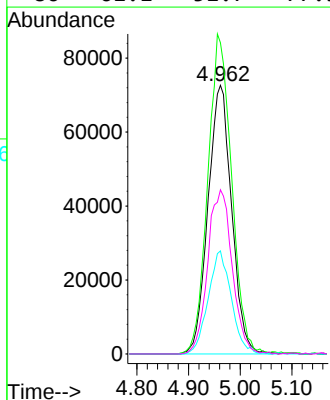
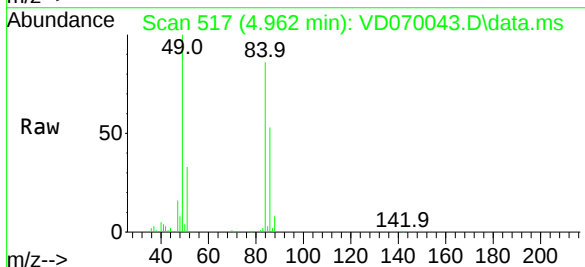
Tgt Ion: 73 Resp: 282148
Ion Ratio Lower Upper
73 100
57 20.9 18.2 27.4

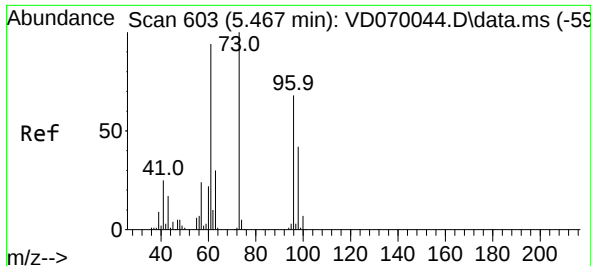


#20

Methylene Chloride
Concen: 21.107 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 84 Resp: 230893
Ion Ratio Lower Upper
84 100
49 115.9 92.5 138.7
51 38.4 29.7 44.5
86 61.1 51.7 77.5

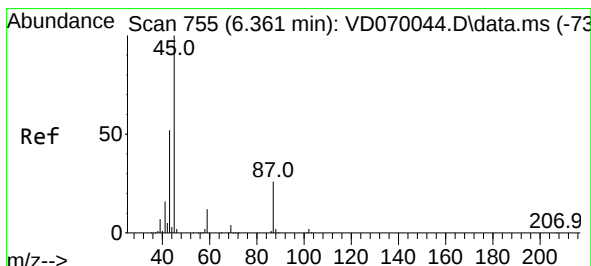
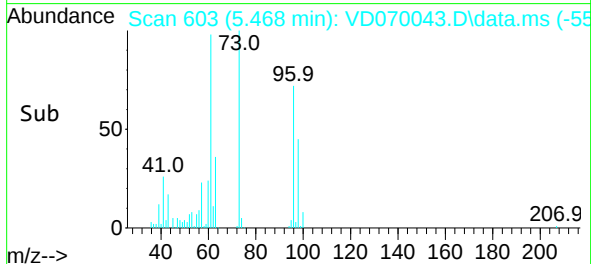
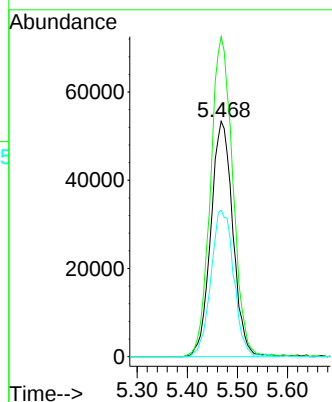
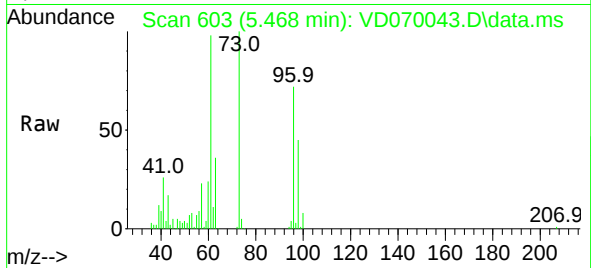




#21
trans-1,2-Dichloroethene
Concen: 20.871 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

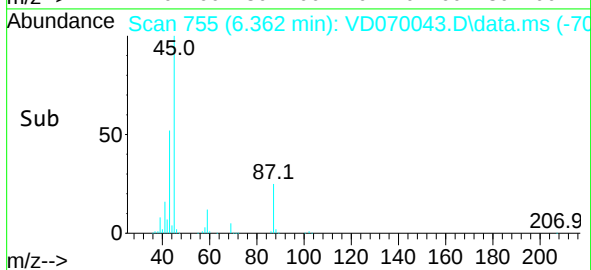
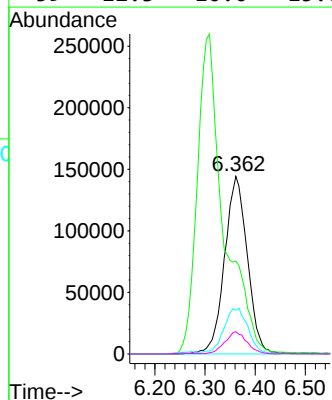
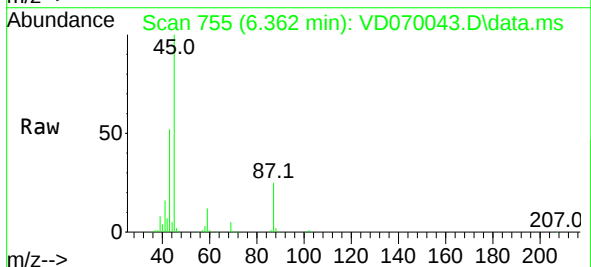
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

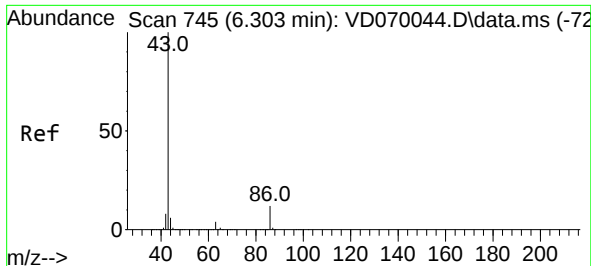
Tgt Ion: 96 Resp: 162663
Ion Ratio Lower Upper
96 100
61 136.0 111.0 166.4
98 62.3 49.0 73.4



#22
Diisopropyl ether
Concen: 21.598 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 45 Resp: 454770
Ion Ratio Lower Upper
45 100
43 51.2 41.7 62.5
87 24.6 21.0 31.4
59 12.3 10.0 15.0

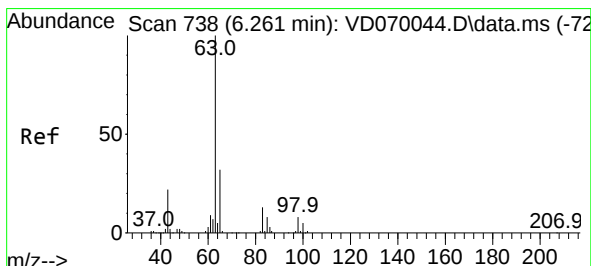
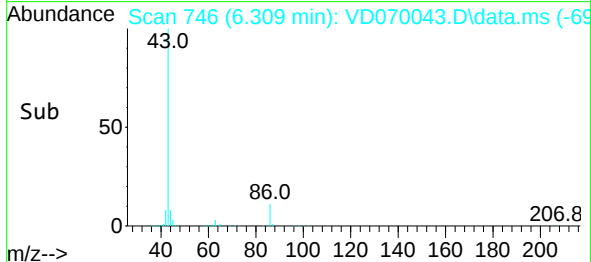
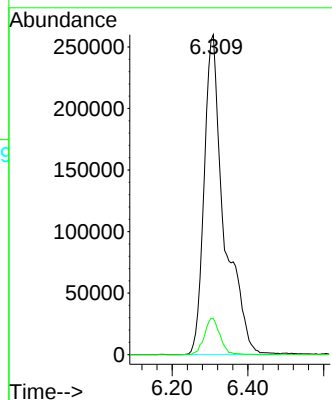
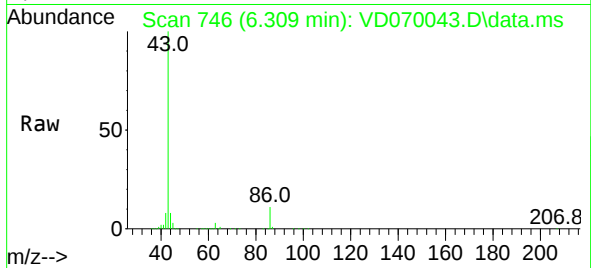




#23
 Vinyl Acetate
 Concen: 99.803 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD070043.D
 Acq: 13 Aug 2021 11:36

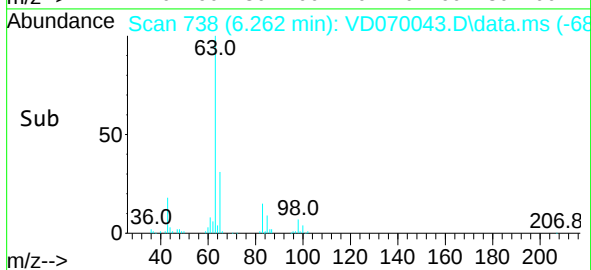
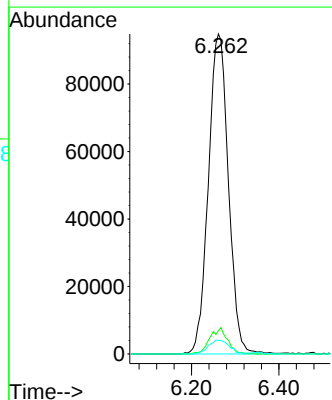
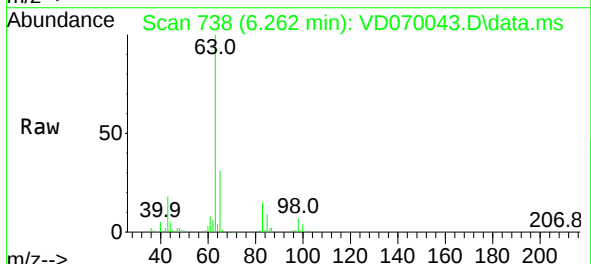
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

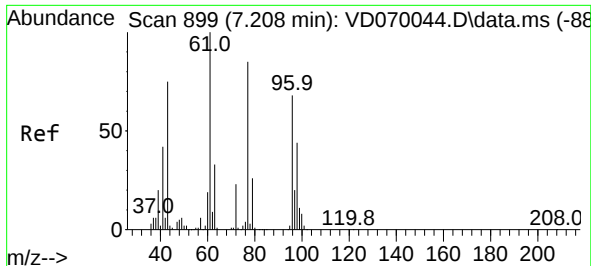
Tgt Ion: 43 Resp: 952375
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 20.973 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070043.D
 Acq: 13 Aug 2021 11:36

Tgt Ion: 63 Resp: 302150
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.2 2.3 6.9

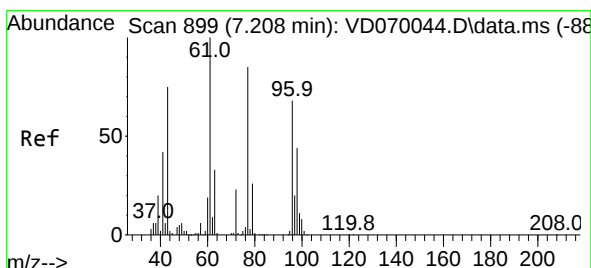
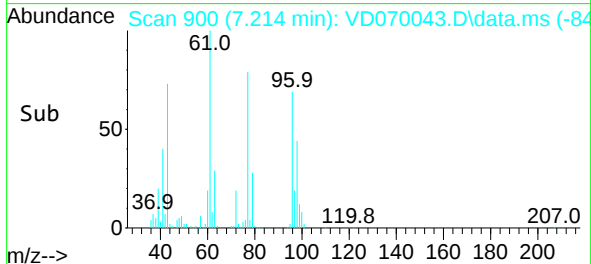
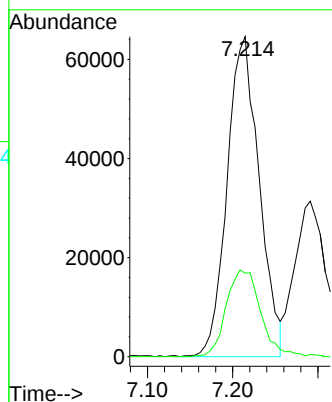
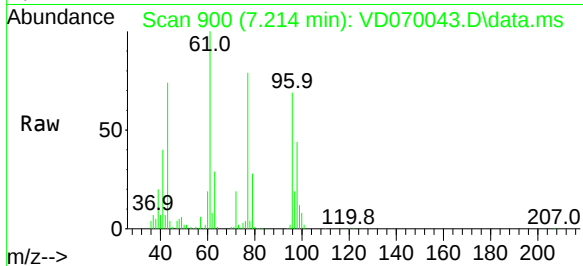




#25
2-Butanone
Concen: 101.103 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

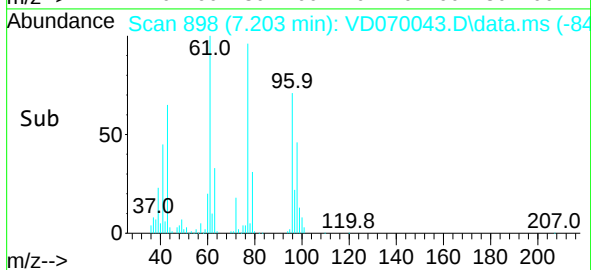
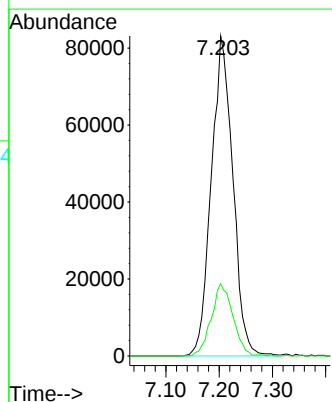
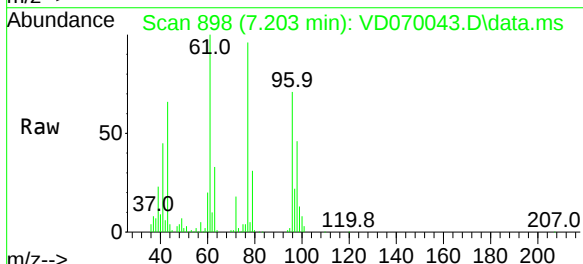
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

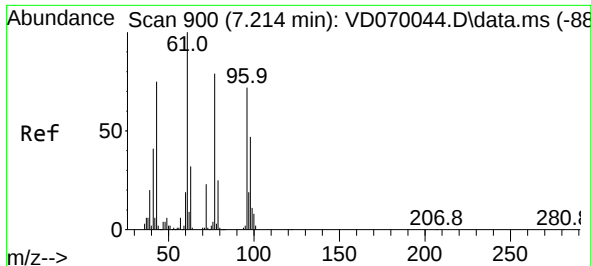
Tgt Ion: 43 Resp: 169050
Ion Ratio Lower Upper
43 100
72 26.1 24.2 36.4



#26
2,2-Dichloropropane
Concen: 20.795 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 77 Resp: 233259
Ion Ratio Lower Upper
77 100
97 22.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.697 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.012 min

Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

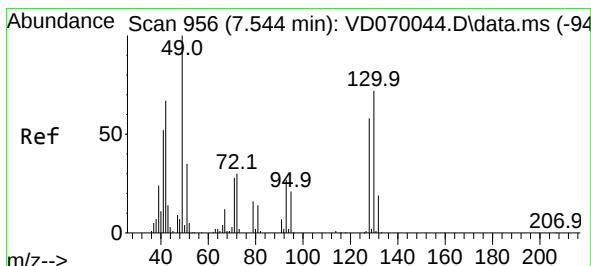
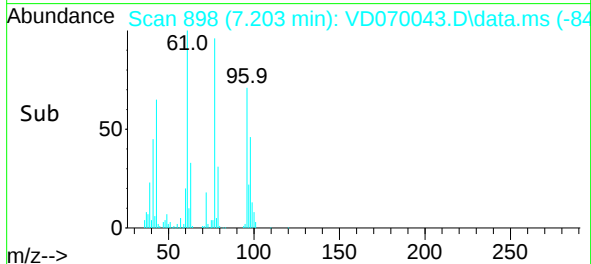
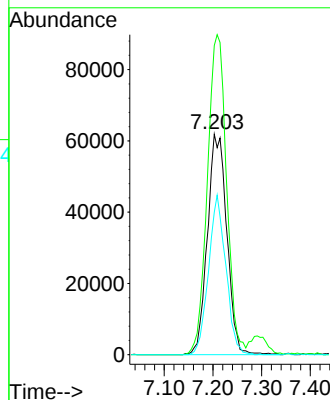
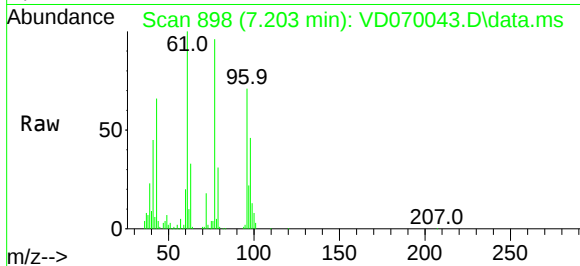
Tgt Ion: 96 Resp: 171308

Ion Ratio Lower Upper

96 100

61 143.0 0.0 288.2

98 64.4 0.0 129.6



#28

Bromochloromethane

Concen: 21.919 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.000 min

Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

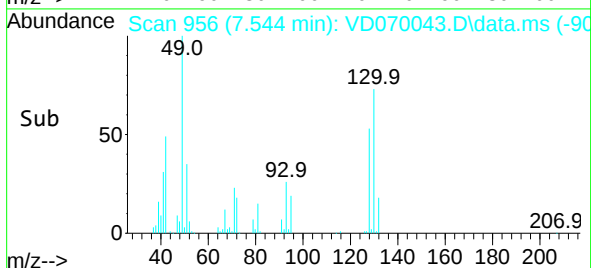
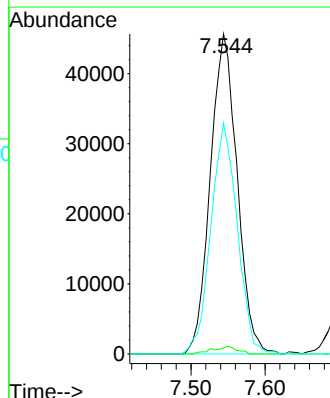
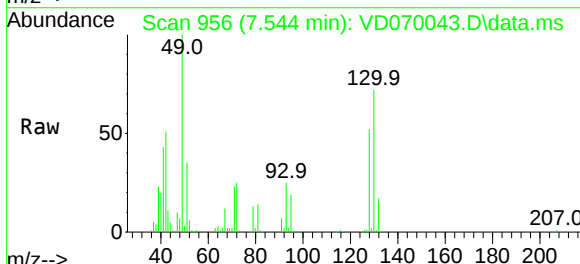
Tgt Ion: 49 Resp: 114909

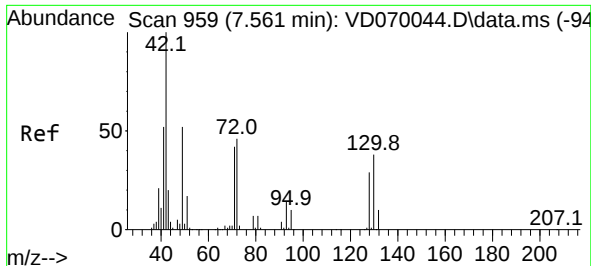
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 71.0 57.6 86.4





#29

Tetrahydrofuran

Concen: 103.306 ug/l

RT: 7.562 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

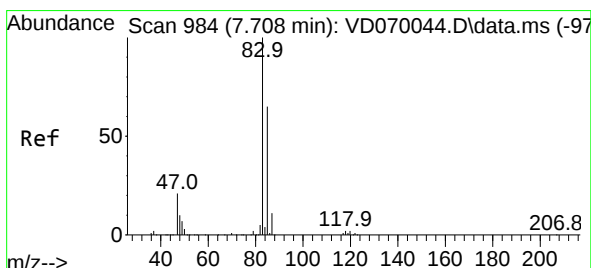
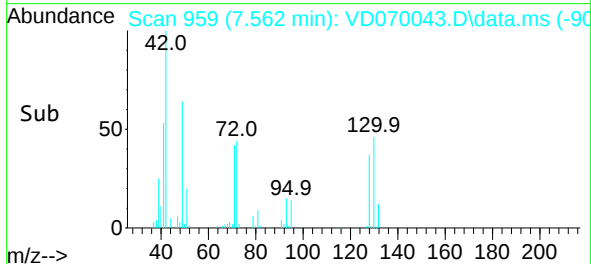
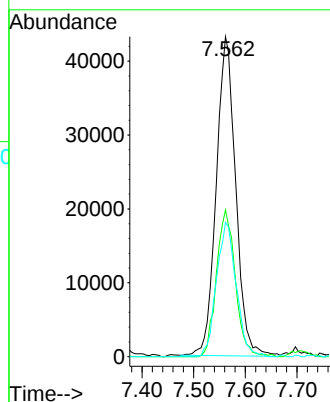
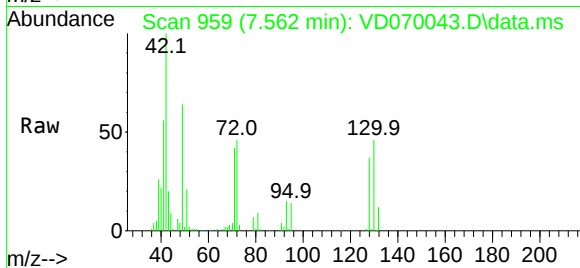
Tgt Ion: 42 Resp: 113107

Ion Ratio Lower Upper

42 100

72 44.4 37.5 56.3

71 42.6 33.6 50.4



#30

Chloroform

Concen: 20.719 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD070043.D

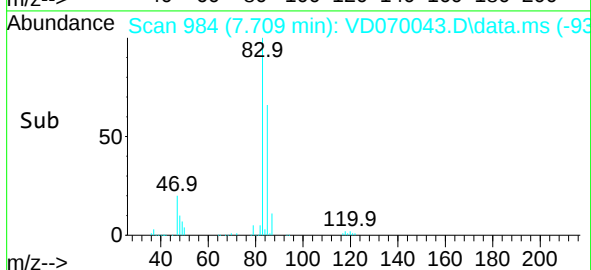
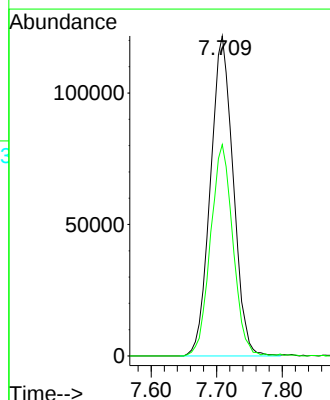
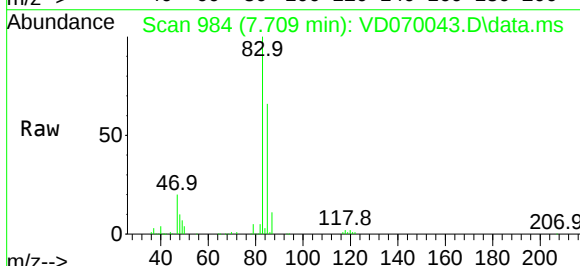
Acq: 13 Aug 2021 11:36

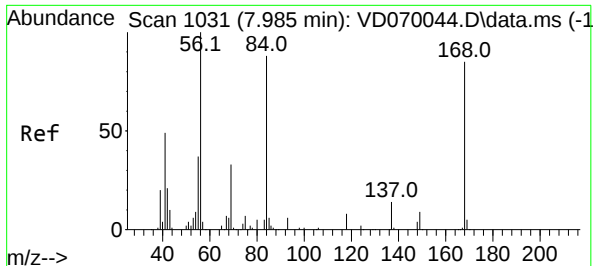
Tgt Ion: 83 Resp: 293542

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.8

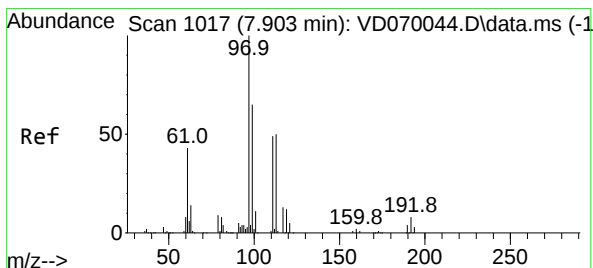
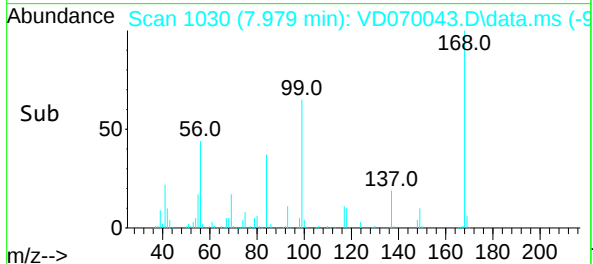
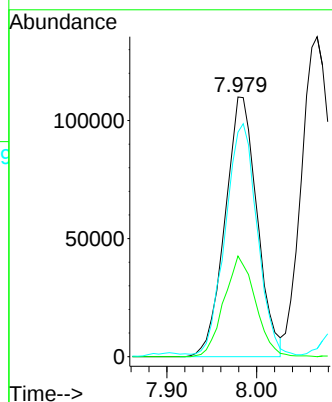
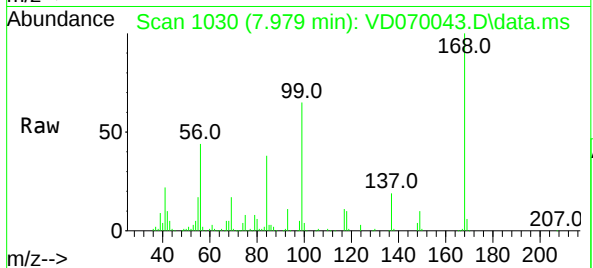




#31
Cyclohexane
Concen: 20.711 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

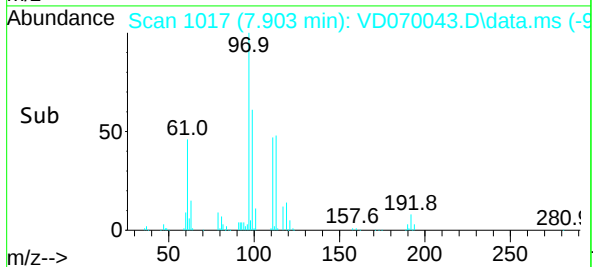
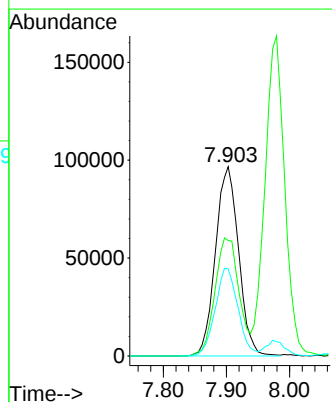
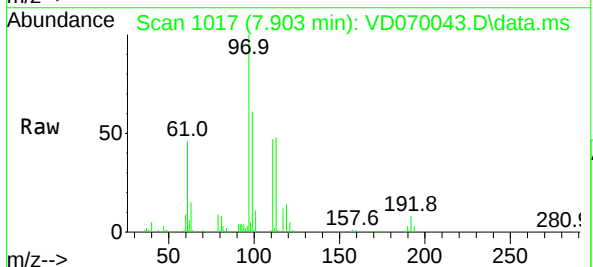
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

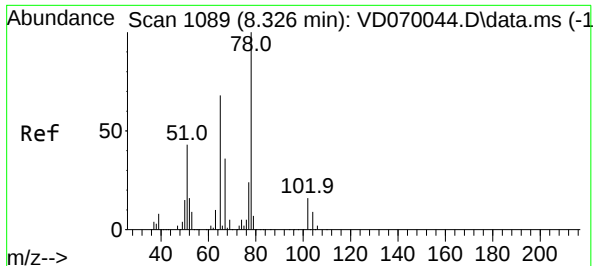
Tgt Ion: 56 Resp: 272297
Ion Ratio Lower Upper
56 100
69 38.7 26.7 40.1
84 85.5 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 20.775 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 97 Resp: 245969
Ion Ratio Lower Upper
97 100
99 65.1 52.4 78.6
61 45.6 34.4 51.6



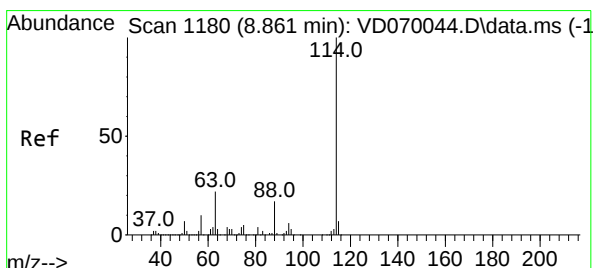
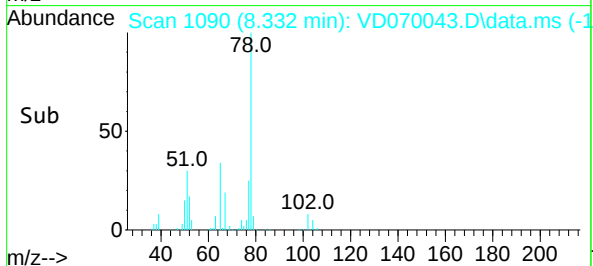
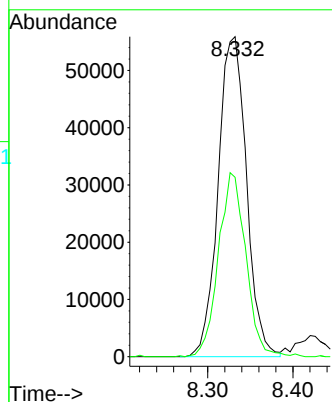
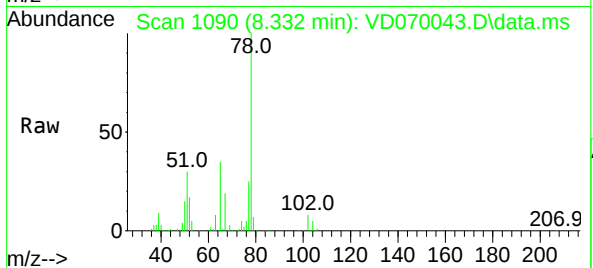


#33

1,2-Dichloroethane-d4
Concen: 19.448 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

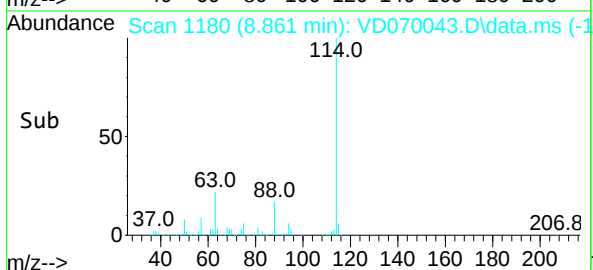
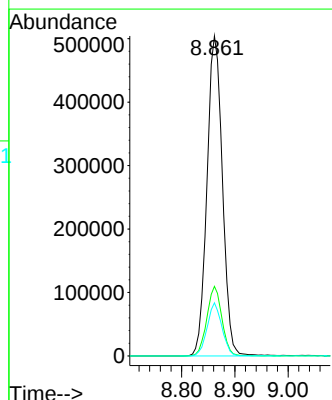
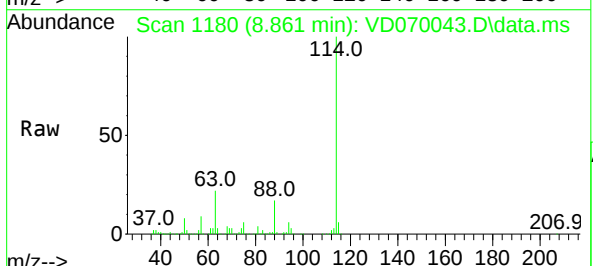
Tgt Ion: 65 Resp: 129182
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.8

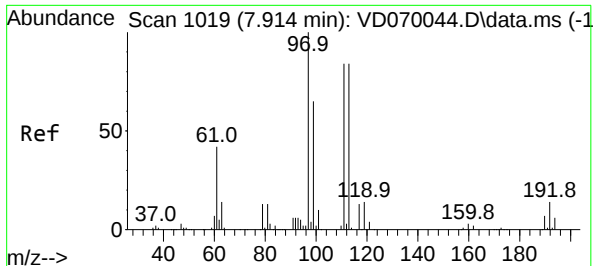


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 114 Resp: 1015220
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.6
88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 19.700 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

Tgt Ion:113 Resp: 129211

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.6

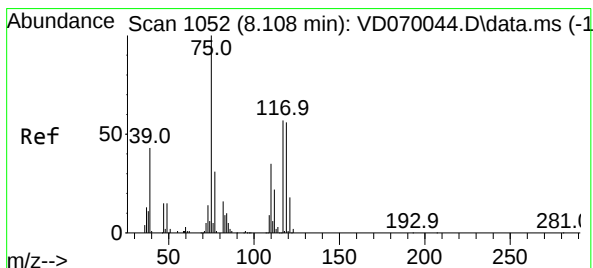
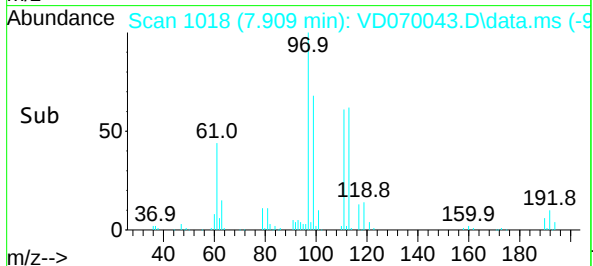
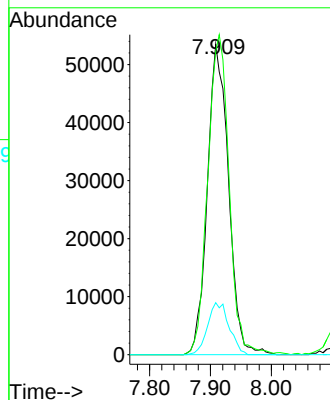
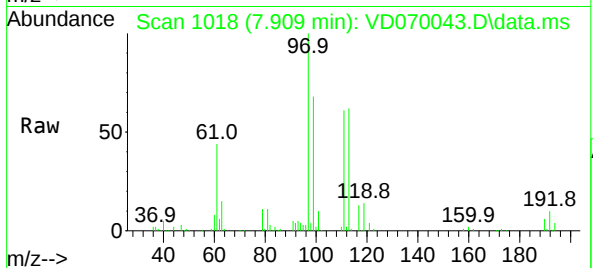
192 17.0 13.2 19.8

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020



#36

1,1-Dichloropropene

Concen: 21.293 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

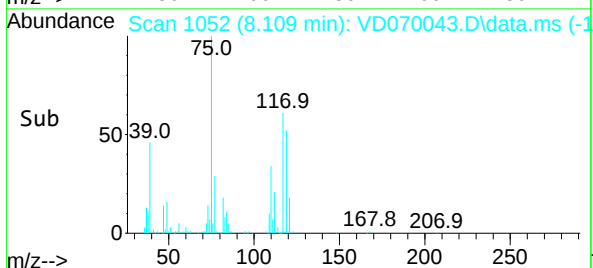
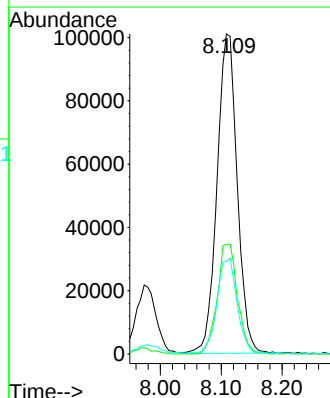
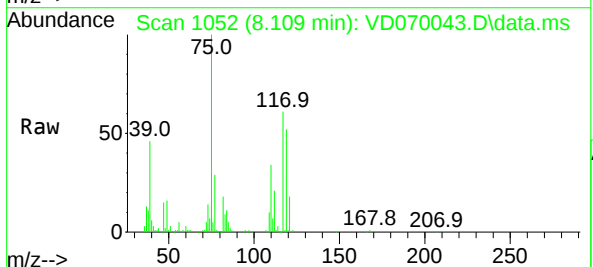
Tgt Ion: 75 Resp: 232557

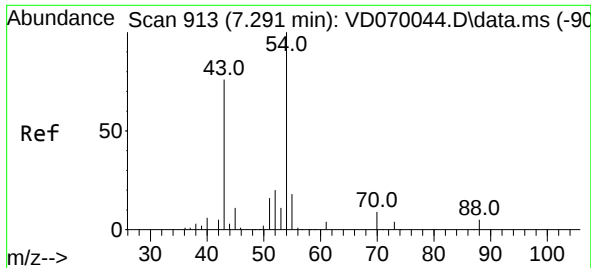
Ion Ratio Lower Upper

75 100

110 34.7 16.9 50.7

77 29.9 25.2 37.8





#37

Ethyl Acetate

Concen: 20.658 ug/l

RT: 7.291 min Scan# 913

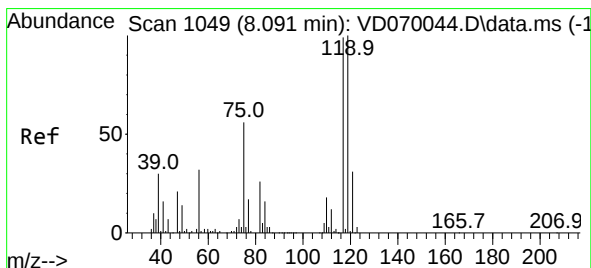
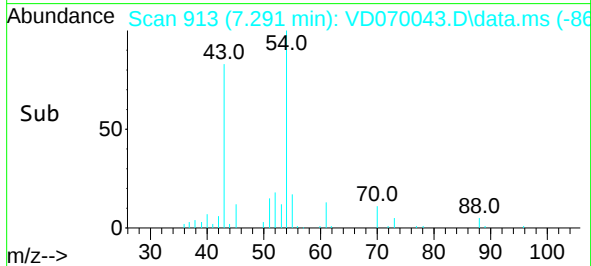
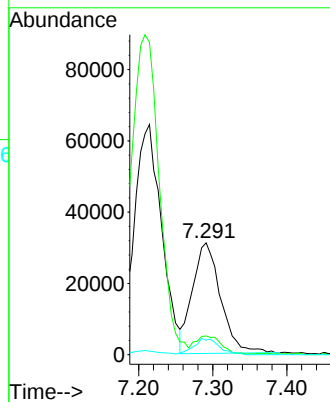
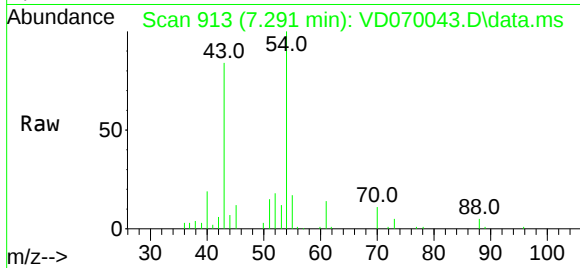
Delta R.T. 0.000 min

Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

Tgt Ion:	43	Resp:	81949
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.8	17.6
70	13.1	9.0	13.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



#38

Carbon Tetrachloride

Concen: 21.392 ug/l

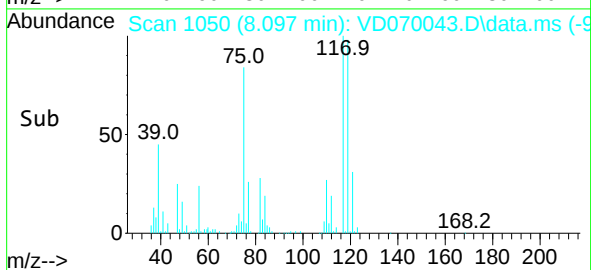
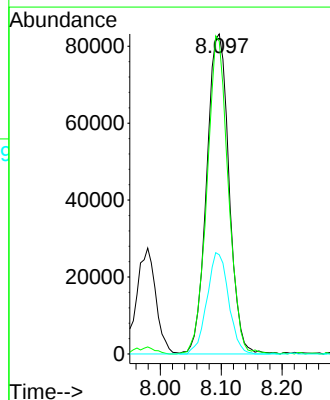
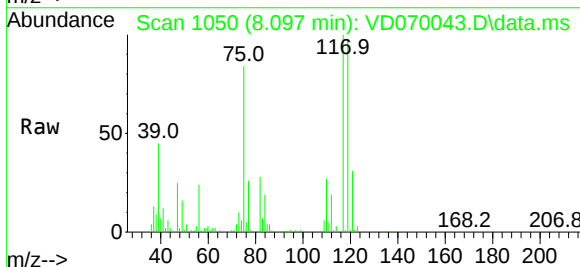
RT: 8.097 min Scan# 1050

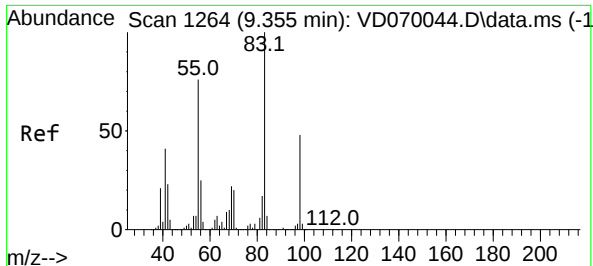
Delta R.T. 0.006 min

Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

Tgt Ion:	117	Resp:	212105
Ion	Ratio	Lower	Upper
117	100		
119	97.7	81.0	121.6
121	31.0	25.0	37.6





#39

Methylcyclohexane

Concen: 20.301 ug/l

RT: 9.350 min Scan# 1263

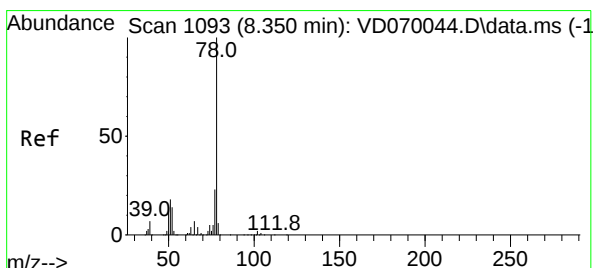
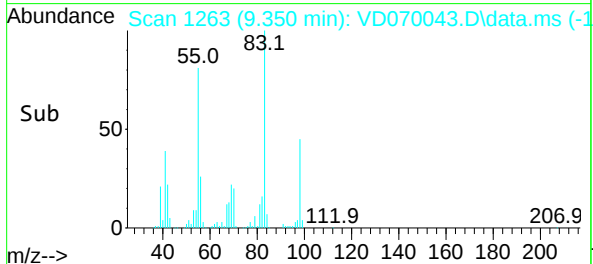
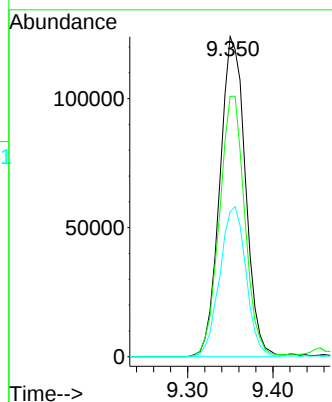
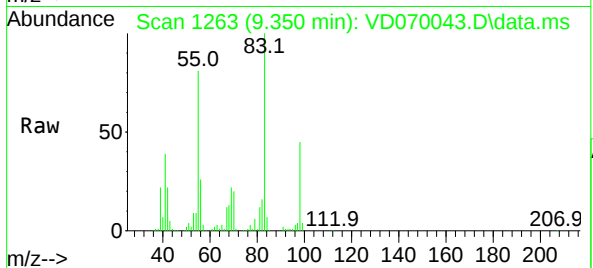
Delta R.T. -0.006 min

Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

Tgt Ion: 83 Resp: 258148

Ion	Ratio	Lower	Upper
83	100		
55	81.3	60.7	91.1
98	45.3	38.6	58.0



#40

Benzene

Concen: 20.782 ug/l

RT: 8.350 min Scan# 1093

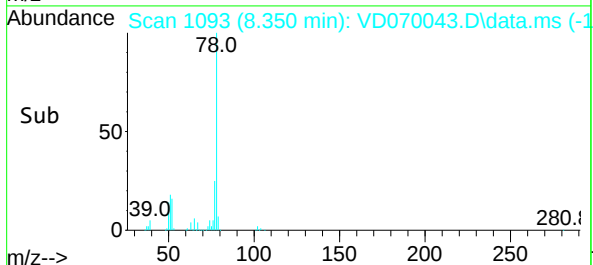
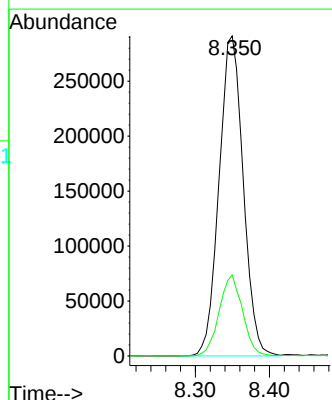
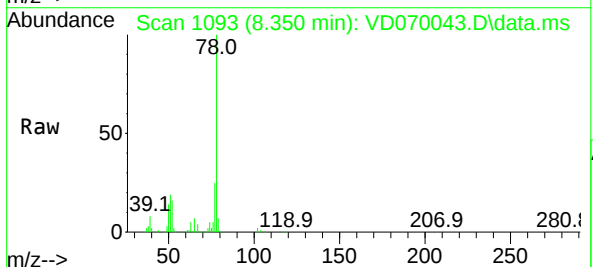
Delta R.T. 0.000 min

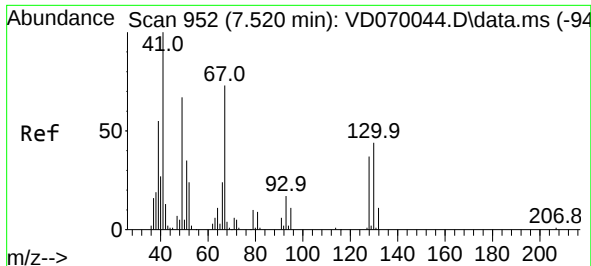
Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

Tgt Ion: 78 Resp: 658340

Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.6	27.8

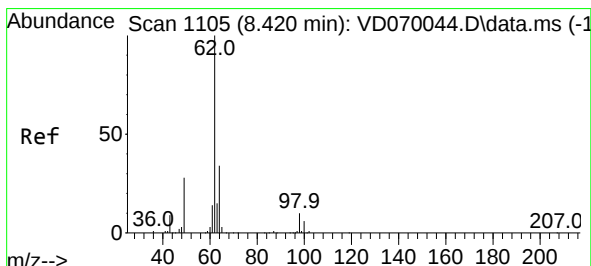
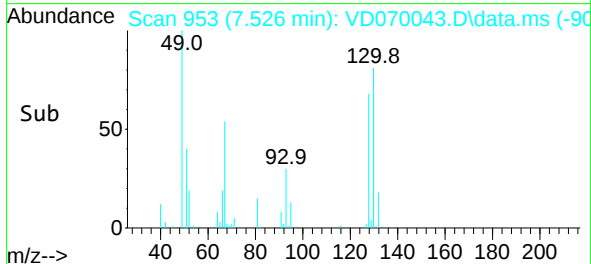
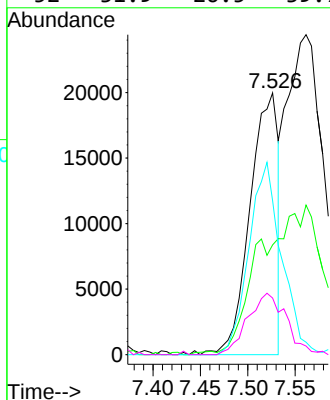
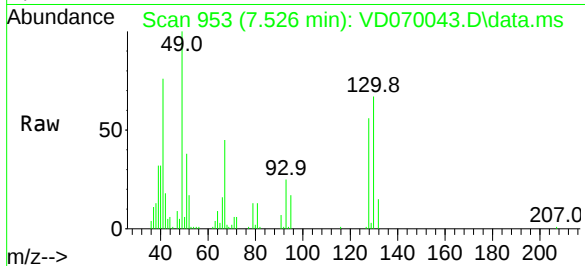




#41
Methacrylonitrile
Concen: 20.672 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

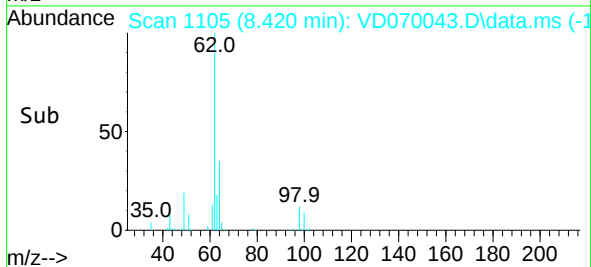
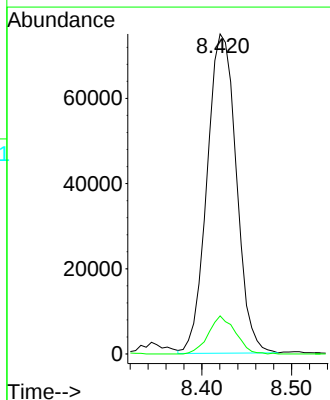
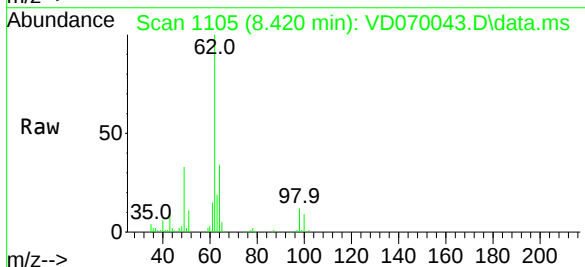
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

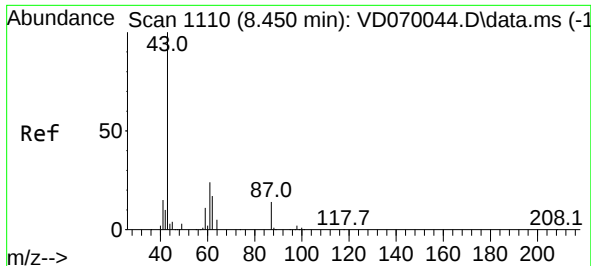
Tgt Ion: 41 Resp: 41496
Ion Ratio Lower Upper
41 100
39 34.7 47.7 71.5#
67 84.9 68.2 102.2
52 31.9 26.5 39.7



#42
1,2-Dichloroethane
Concen: 20.933 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 62 Resp: 169944
Ion Ratio Lower Upper
62 100
98 11.0 0.0 20.2

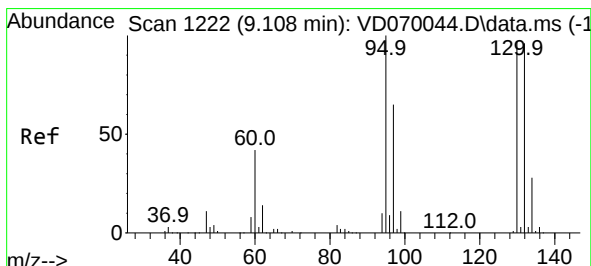
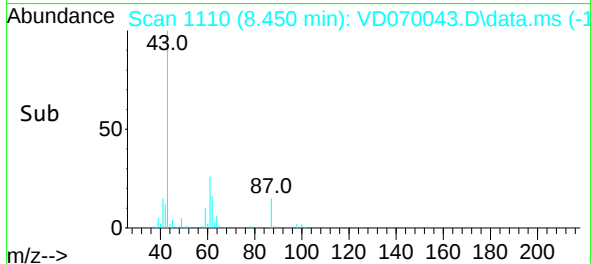
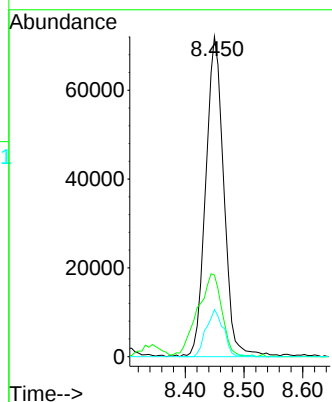
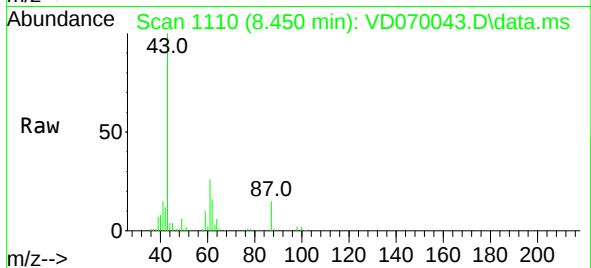




#43
Isopropyl Acetate
Concen: 20.794 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

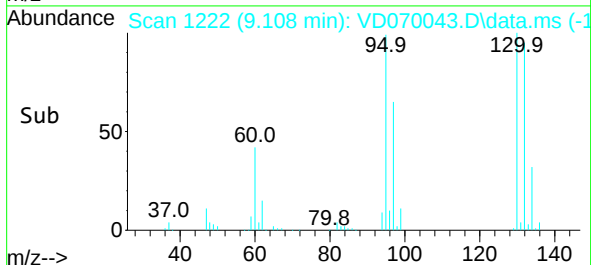
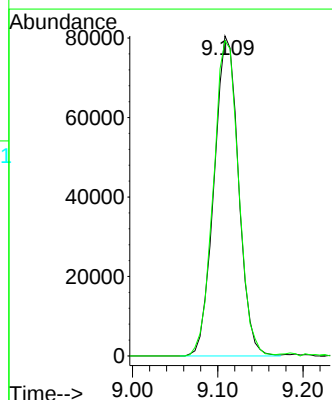
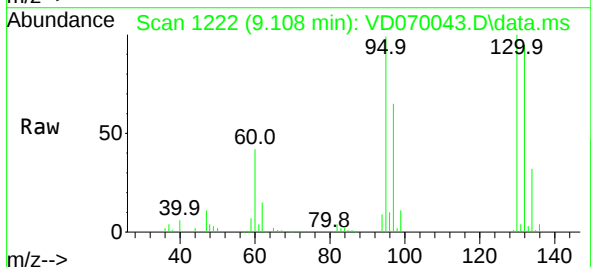
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

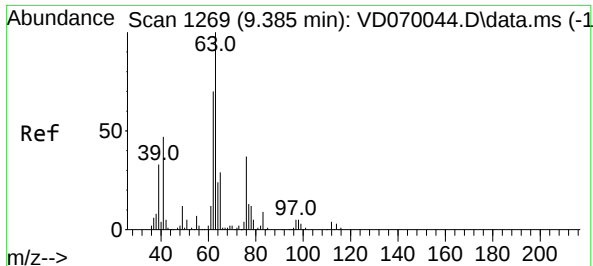
Tgt Ion: 43 Resp: 154001
Ion Ratio Lower Upper
43 100
61 34.9 27.7 41.5
87 14.3 11.5 17.3



#44
Trichloroethene
Concen: 21.010 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion:130 Resp: 160776
Ion Ratio Lower Upper
130 100
95 98.5 0.0 206.4



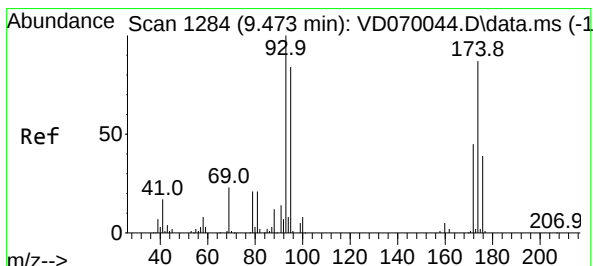
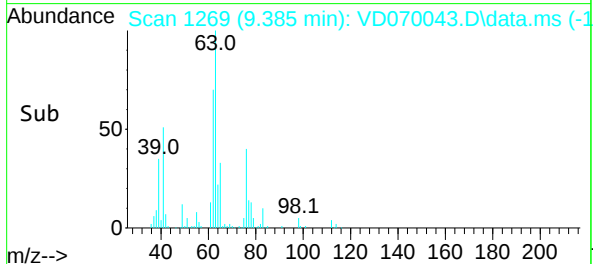
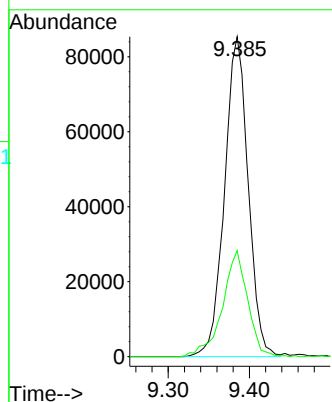
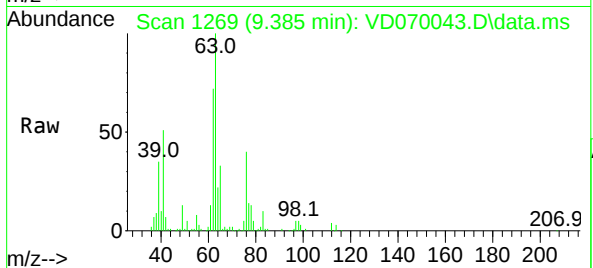


#45

1,2-Dichloropropane
Concen: 20.988 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

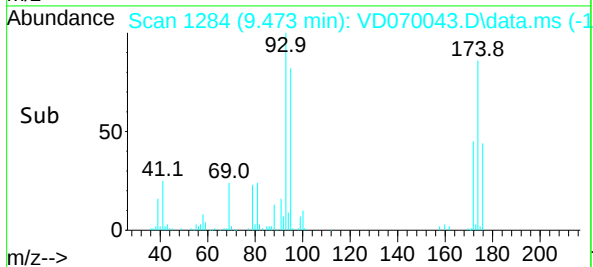
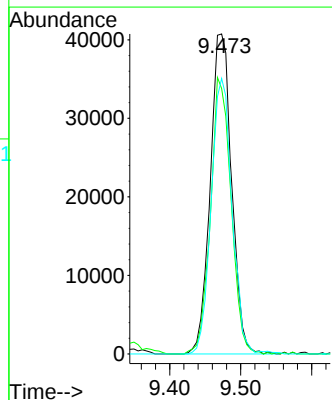
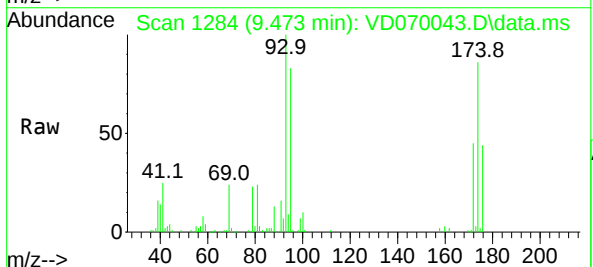
Tgt Ion: 63 Resp: 172702
Ion Ratio Lower Upper
63 100
65 33.1 23.4 35.0

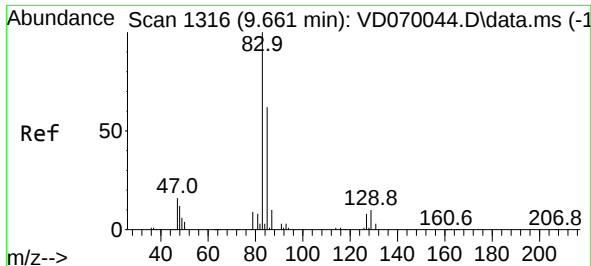


#46

Dibromomethane
Concen: 21.395 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 93 Resp: 85509
Ion Ratio Lower Upper
93 100
95 82.5 68.1 102.1
174 83.4 68.2 102.4

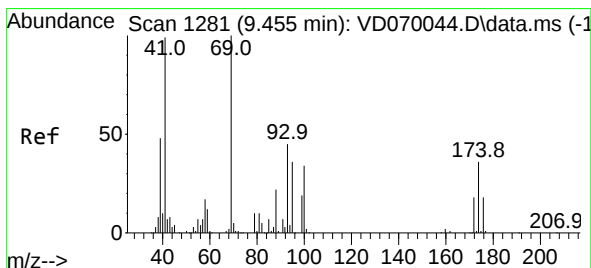
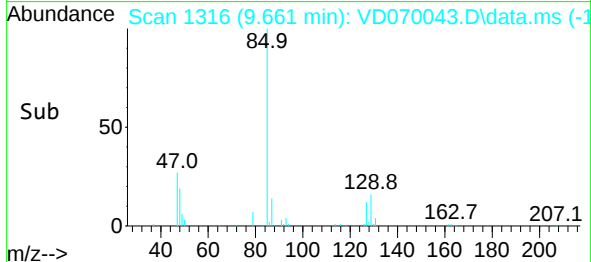
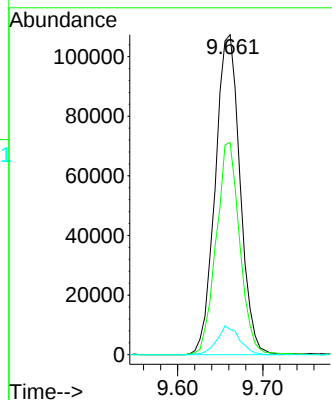
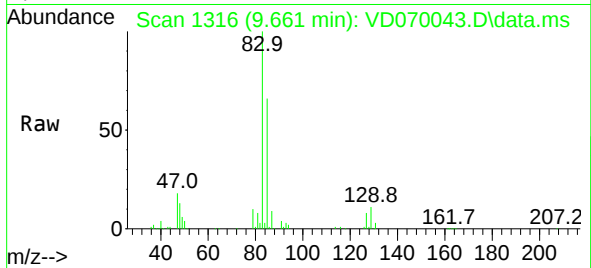




#47
Bromodichloromethane
Concen: 20.973 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

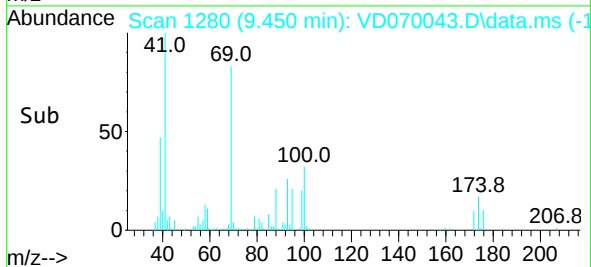
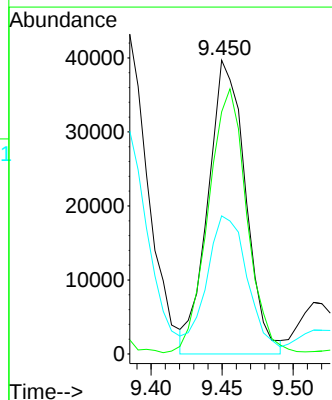
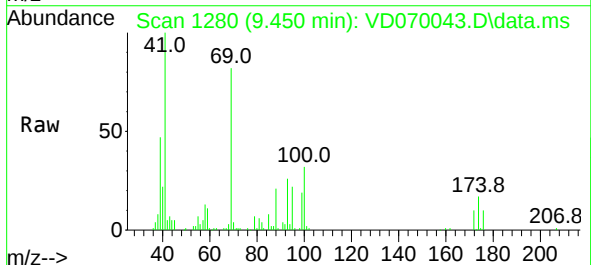
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

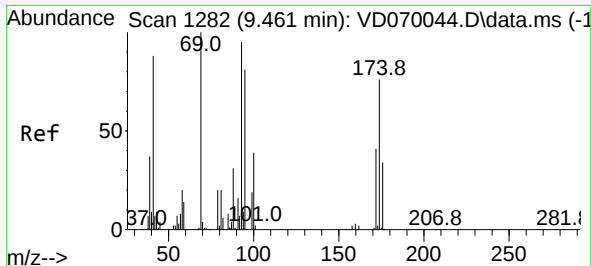
Tgt Ion: 83 Resp: 216859
Ion Ratio Lower Upper
83 100
85 66.3 49.6 74.4
127 7.9 6.8 10.2



#48
Methyl methacrylate
Concen: 20.628 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 41 Resp: 72852
Ion Ratio Lower Upper
41 100
69 91.9 74.6 111.8
39 46.3 35.9 53.9





#49

1,4-Dioxane

Concen: 426.360 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

Tgt Ion: 88 Resp: 18544

Ion Ratio Lower Upper

88 100

43 33.2 25.8 38.6

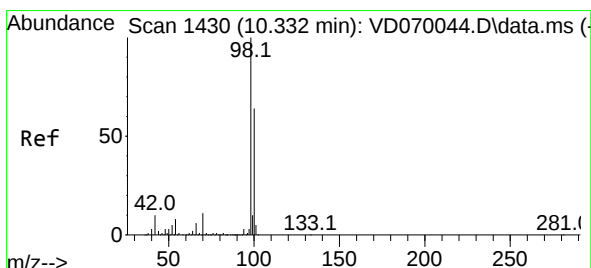
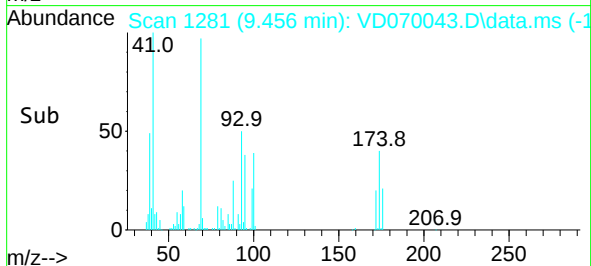
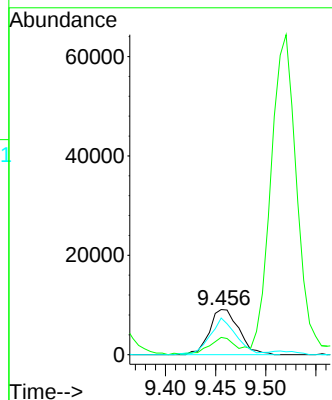
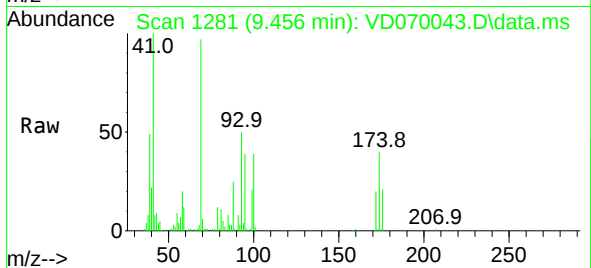
58 72.2 57.4 86.2

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020



#50

Toluene-d8

Concen: 19.592 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD070043.D

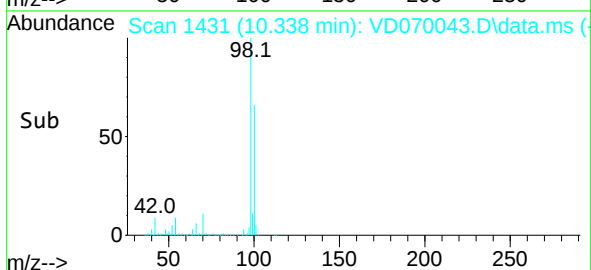
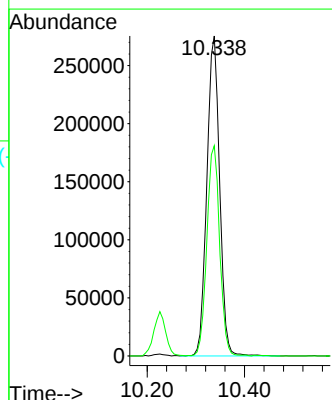
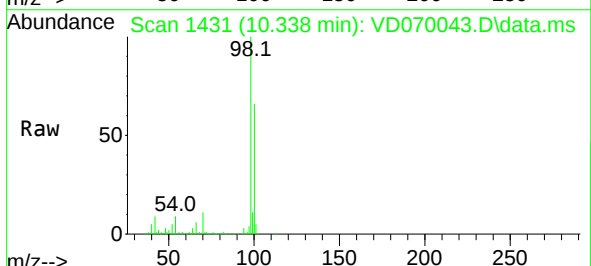
Acq: 13 Aug 2021 11:36

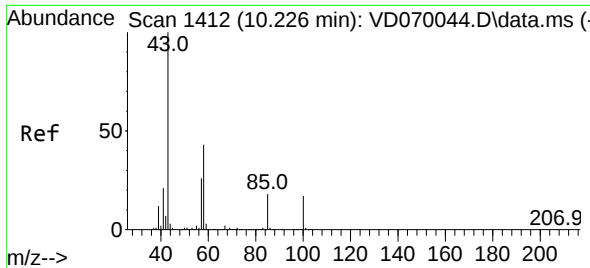
Tgt Ion: 98 Resp: 499801

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8

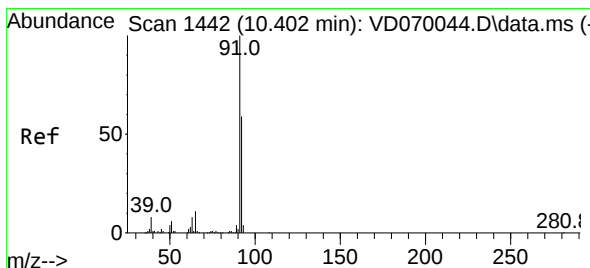
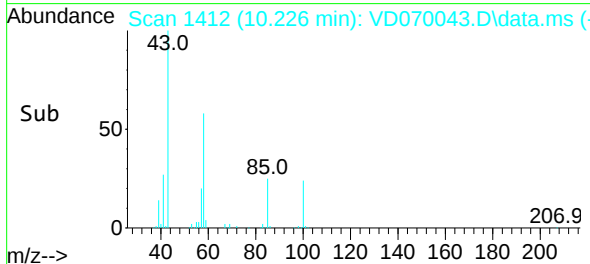
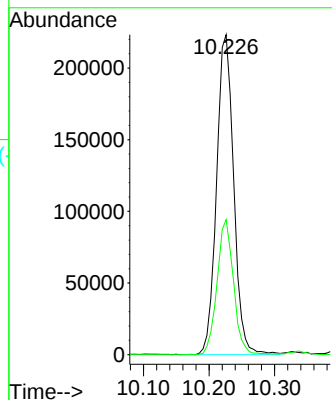
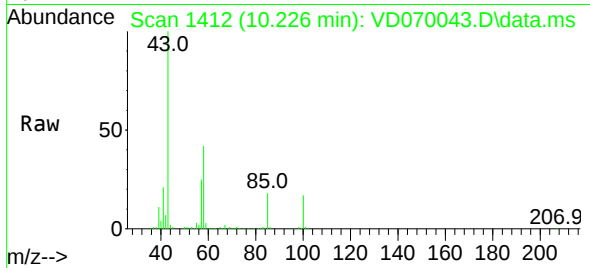




#51
4-Methyl-2-Pentanone
Concen: 105.073 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

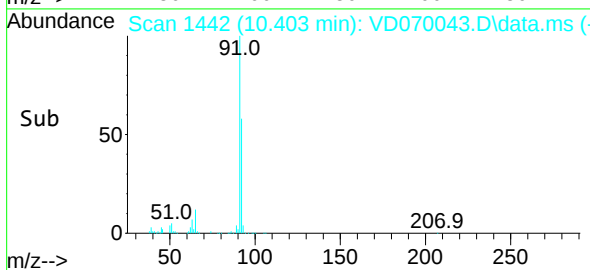
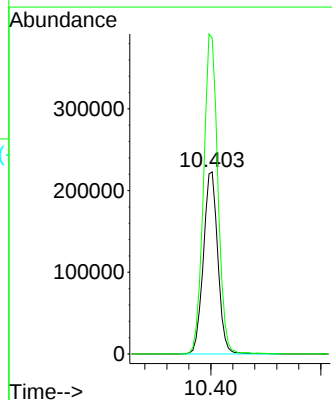
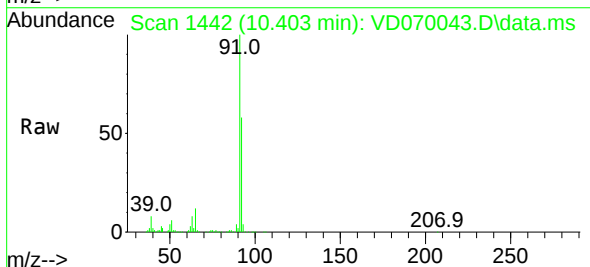
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

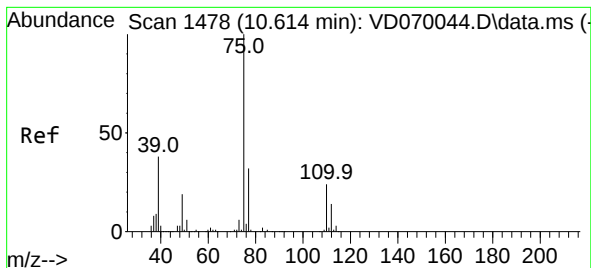
Tgt Ion: 43 Resp: 404628
Ion Ratio Lower Upper
43 100
58 40.5 33.9 50.9



#52
Toluene
Concen: 21.000 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 92 Resp: 404903
Ion Ratio Lower Upper
92 100
91 174.3 137.2 205.8

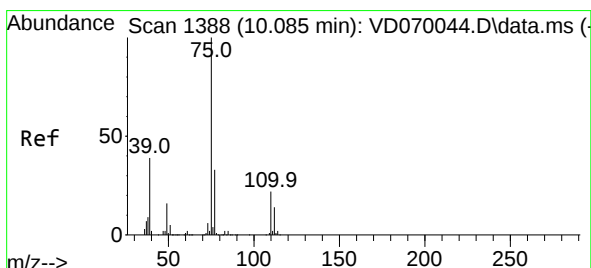
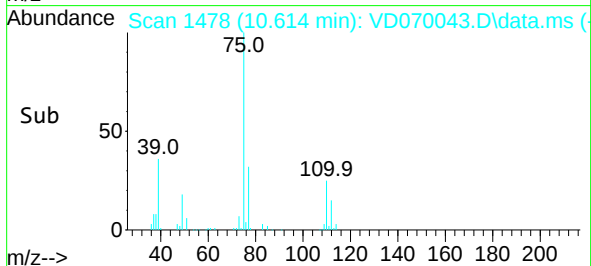
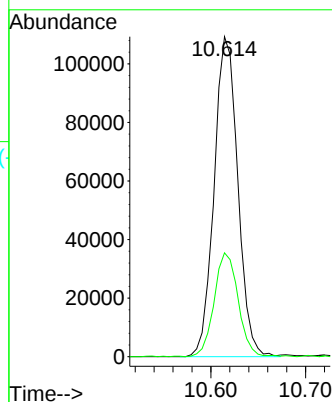
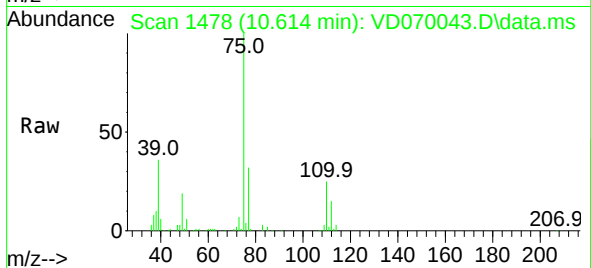




#53
 t-1,3-Dichloropropene
 Concen: 20.718 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD070043.D
 Acq: 13 Aug 2021 11:36

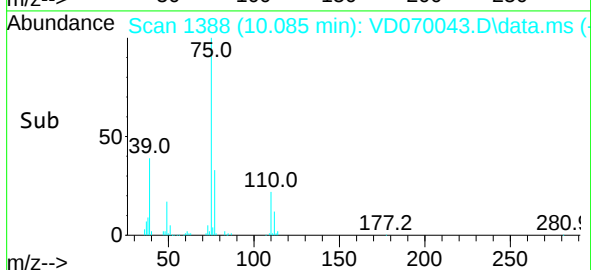
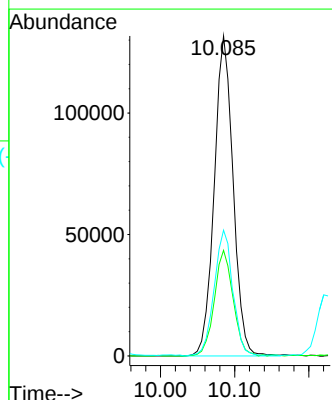
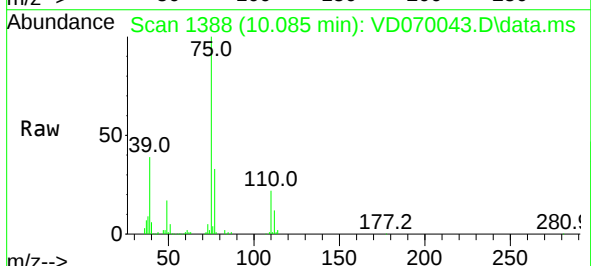
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

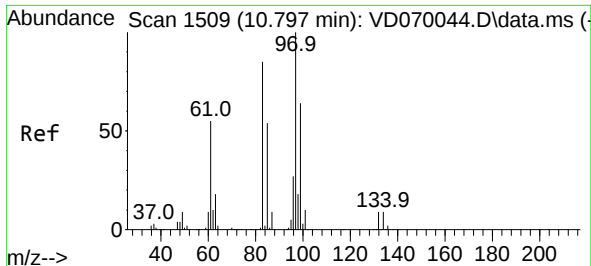
Tgt Ion: 75 Resp: 189751
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.957 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD070043.D
 Acq: 13 Aug 2021 11:36

Tgt Ion: 75 Resp: 232969
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.3 39.5
 39 39.2 31.4 47.2

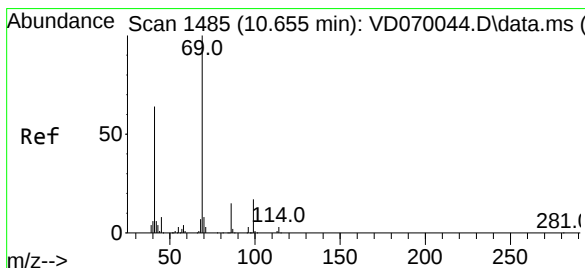
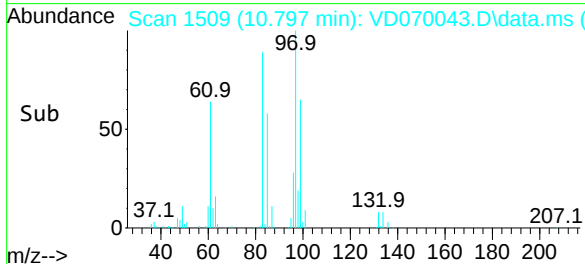
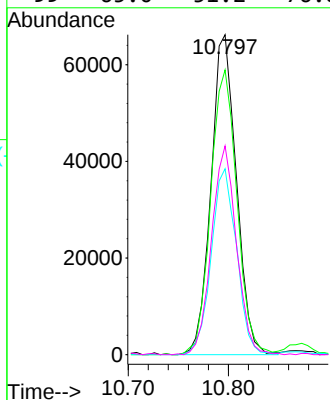
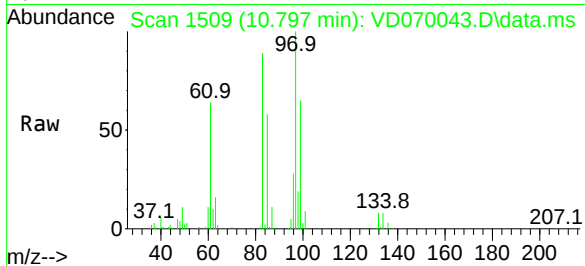




#55
1,1,2-Trichloroethane
Concen: 20.577 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

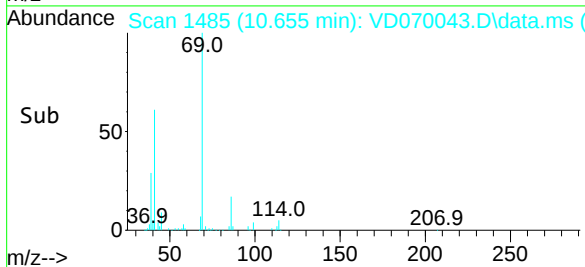
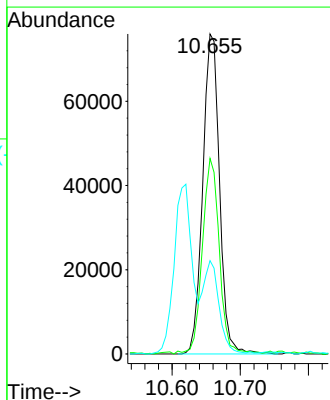
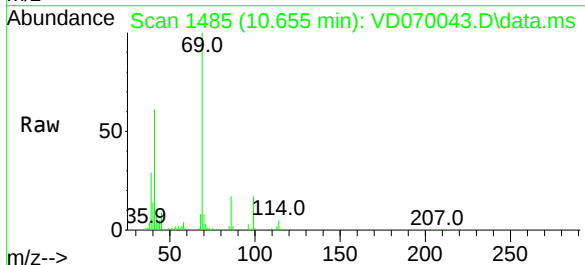
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

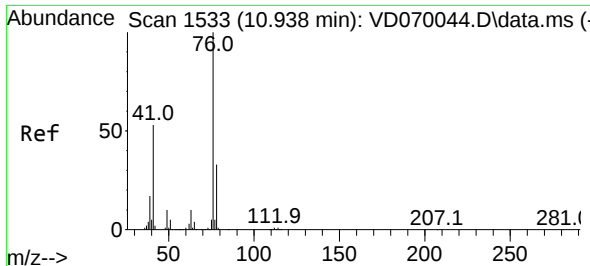
Tgt Ion:	97	Resp:	116522
Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.8	101.6
85	58.1	43.4	65.0
99	65.0	51.2	76.8



#56
Ethyl methacrylate
Concen: 20.195 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion:	69	Resp:	130134
Ion	Ratio	Lower	Upper
69	100		
41	61.9	48.9	73.3
39	27.4	21.6	32.4

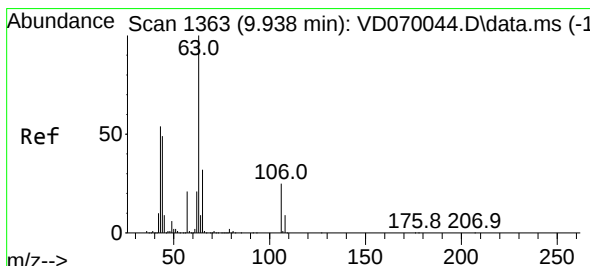
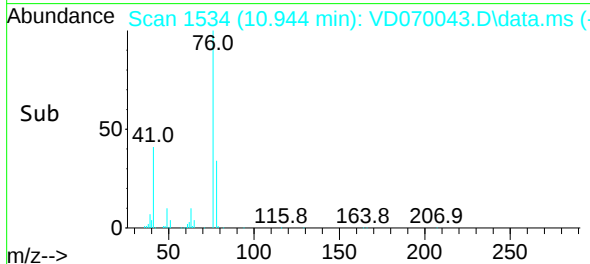
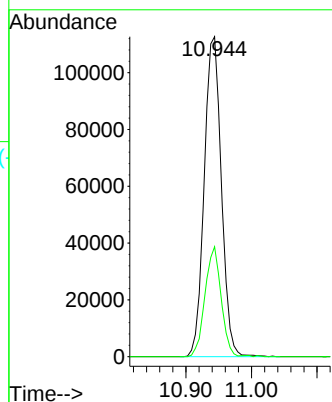
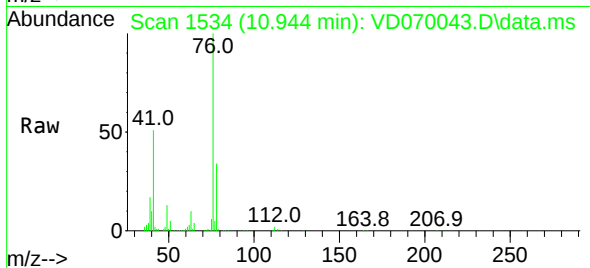




#57
1,3-Dichloropropane
Concen: 20.936 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

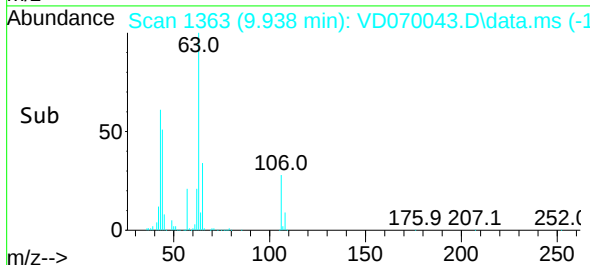
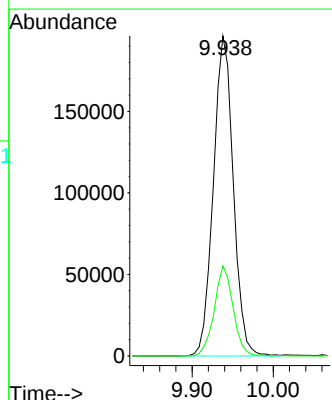
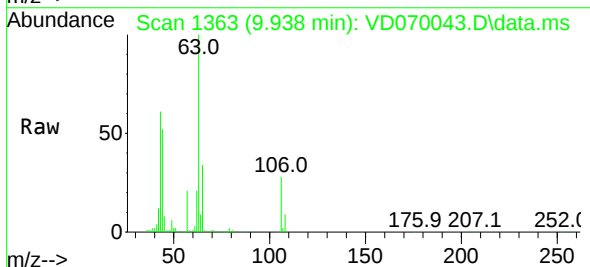
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

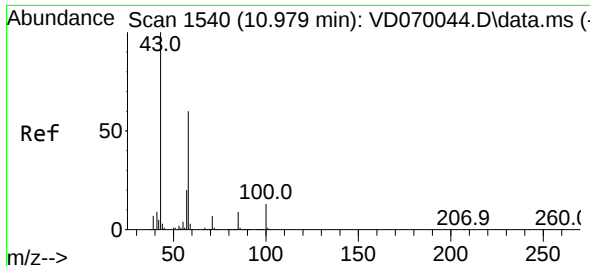
Tgt Ion: 76 Resp: 205242
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 98.505 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 63 Resp: 334793
Ion Ratio Lower Upper
63 100
106 26.5 21.2 31.8

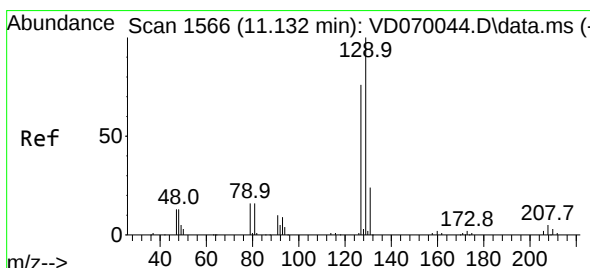
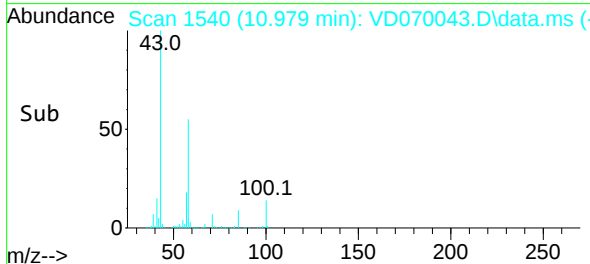
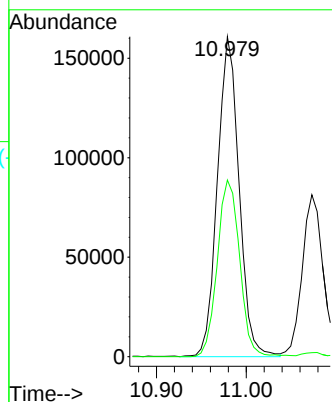
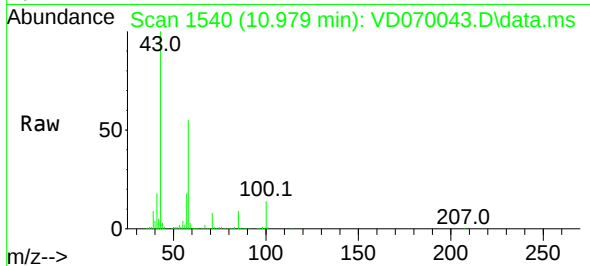




#59
2-Hexanone
Concen: 104.560 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

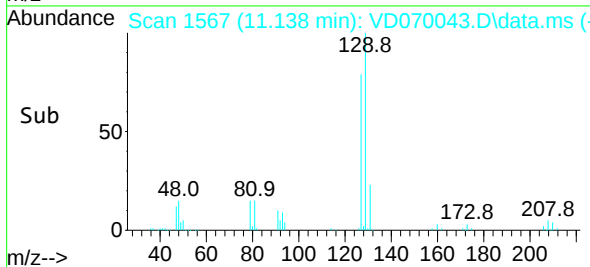
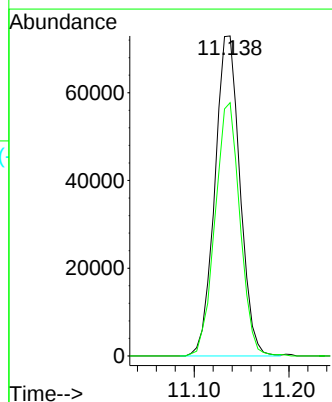
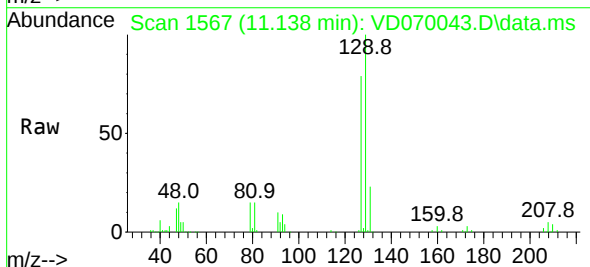
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

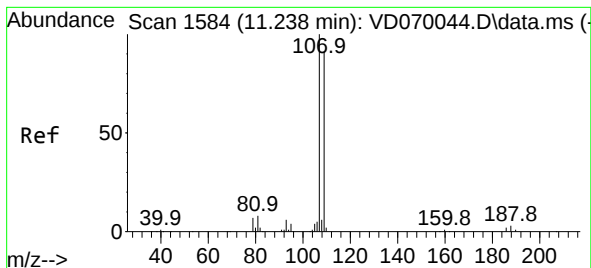
Tgt Ion: 43 Resp: 269659
Ion Ratio Lower Upper
43 100
58 57.0 29.5 88.5



#60
Dibromochloromethane
Concen: 20.725 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 129 Resp: 134439
Ion Ratio Lower Upper
129 100
127 78.4 39.4 118.2

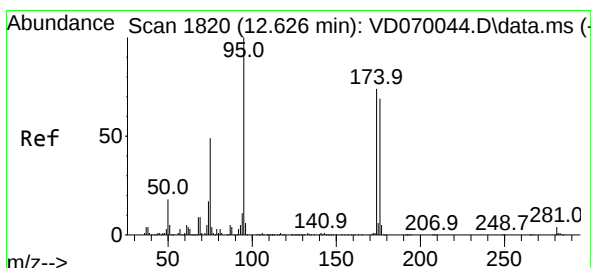
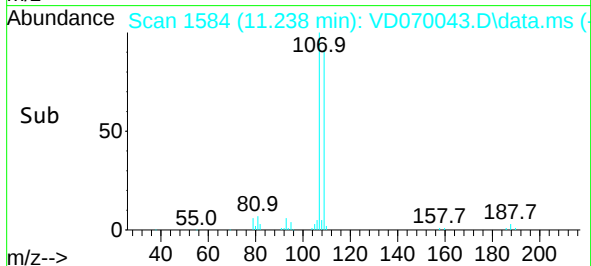
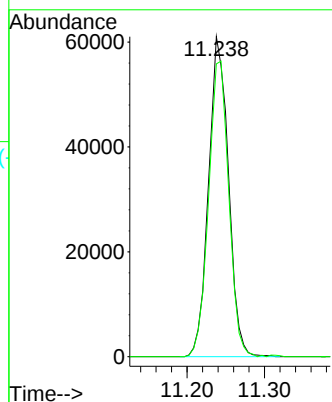
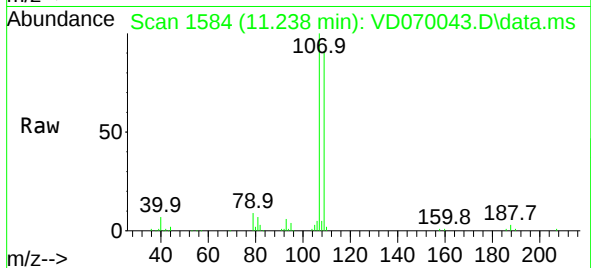




#61
1,2-Dibromoethane
Concen: 21.244 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

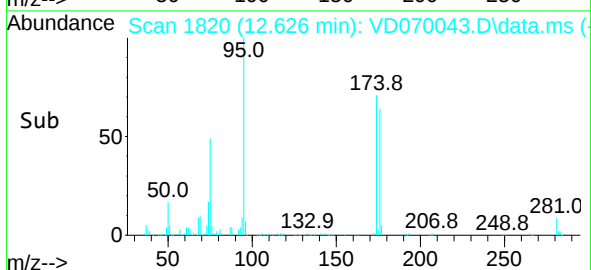
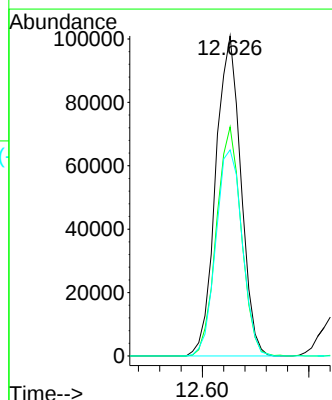
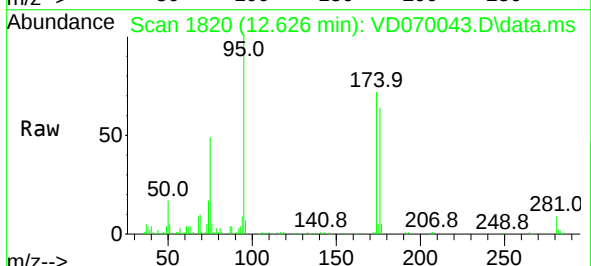
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

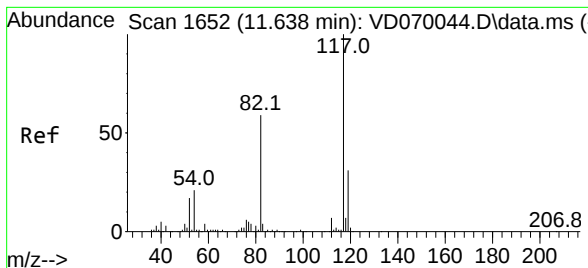
Tgt Ion:107 Resp: 108907
Ion Ratio Lower Upper
107 100
109 93.8 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 19.658 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 95 Resp: 165177
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.6
176 67.6 0.0 138.2

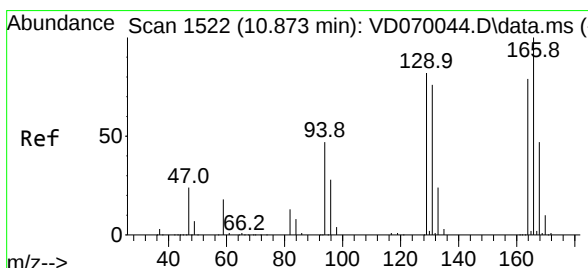
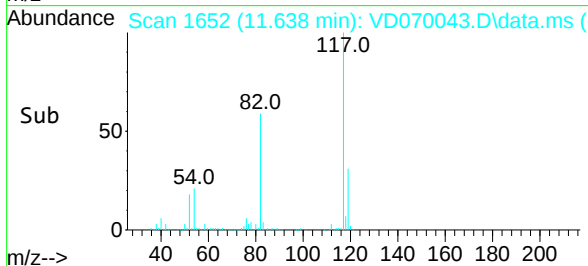
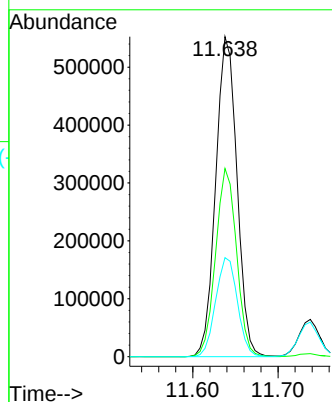
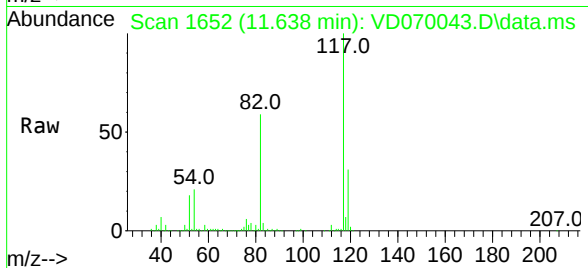




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

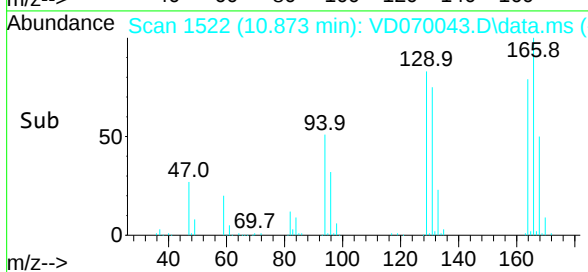
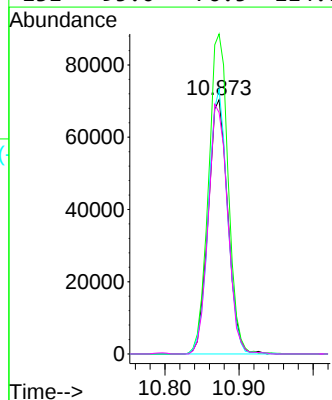
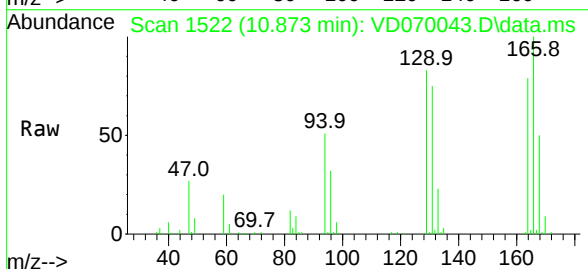
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

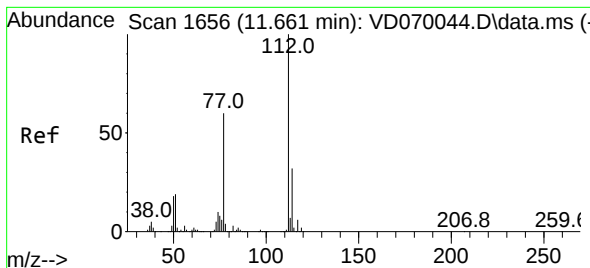
Tgt Ion:117 Resp: 959450
Ion Ratio Lower Upper
117 100
82 58.8 47.5 71.3
119 31.0 25.1 37.7



#64
Tetrachloroethene
Concen: 20.966 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion:164 Resp: 129773
Ion Ratio Lower Upper
164 100
166 125.9 101.3 151.9
129 104.2 82.9 124.3
131 95.0 76.5 114.7

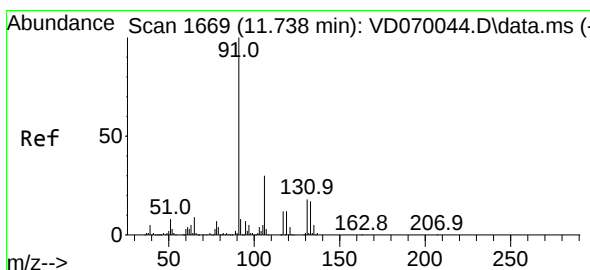
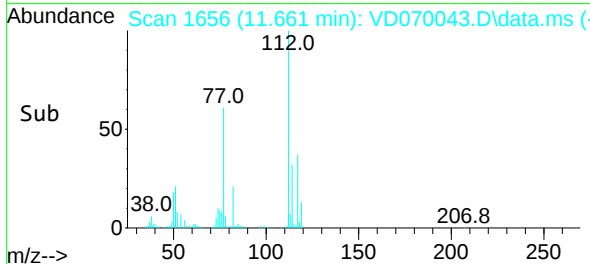
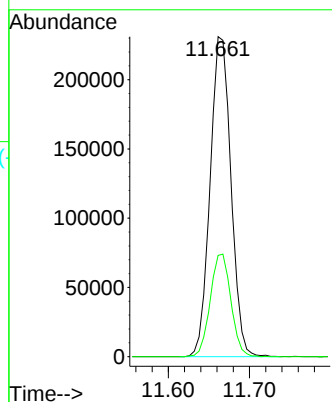
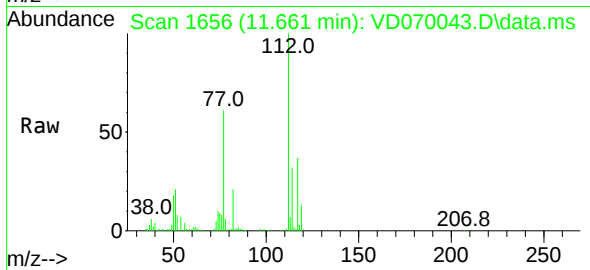




#65
Chlorobenzene
Concen: 20.557 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

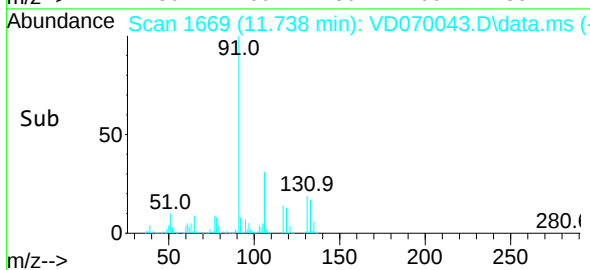
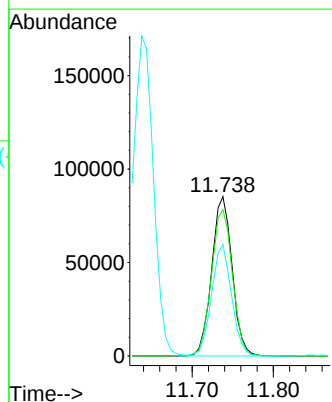
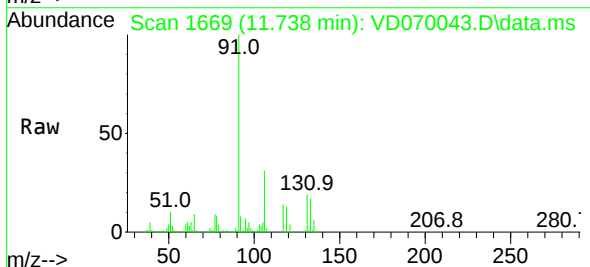
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

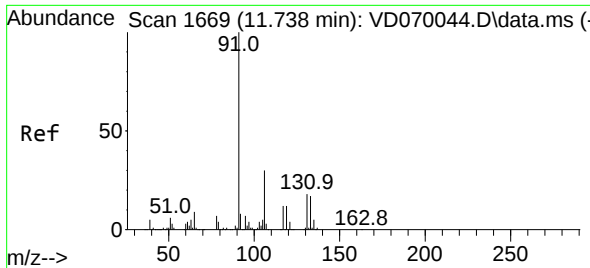
Tgt Ion:112 Resp: 412090
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.939 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion:131 Resp: 149061
Ion Ratio Lower Upper
131 100
133 94.1 47.4 142.2
119 68.9 34.0 102.0

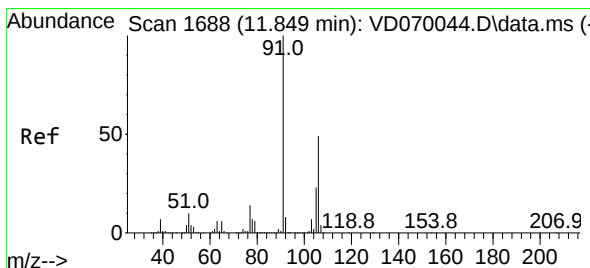
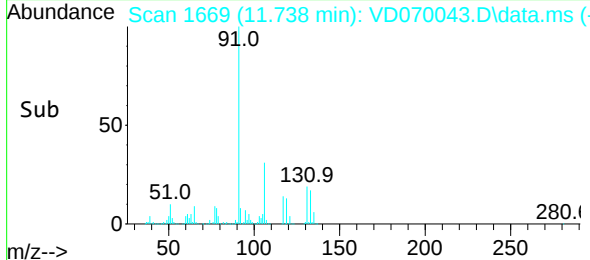
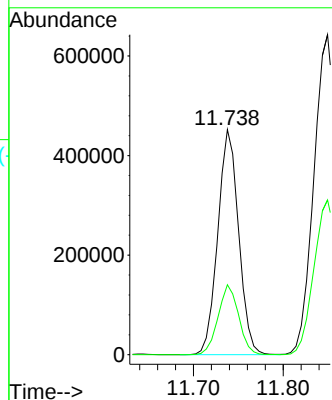
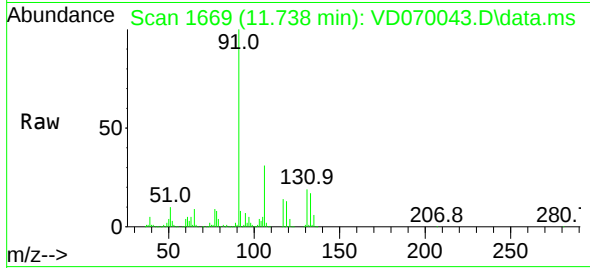




#67
Ethyl Benzene
Concen: 20.562 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

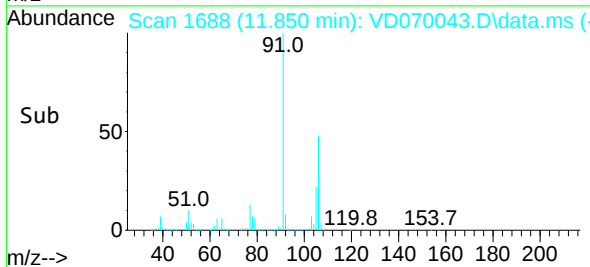
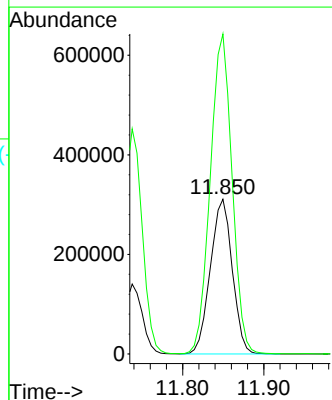
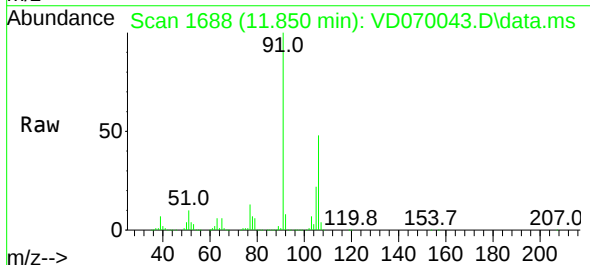
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

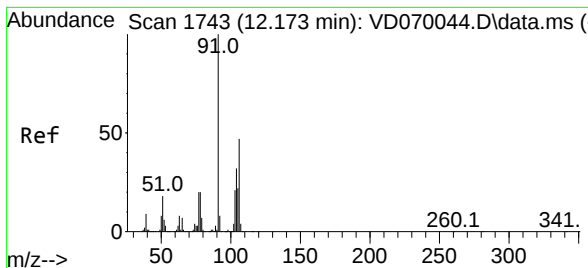
Tgt Ion: 91 Resp: 728796
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5



#68
m/p-Xylenes
Concen: 42.465 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 106 Resp: 583281
Ion Ratio Lower Upper
106 100
91 205.5 164.6 246.8

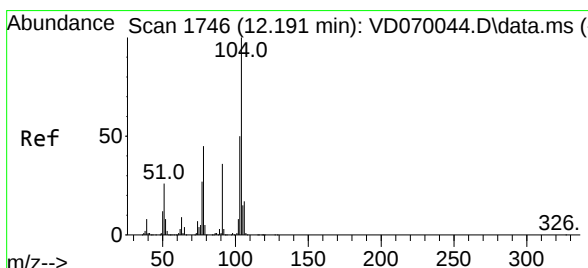
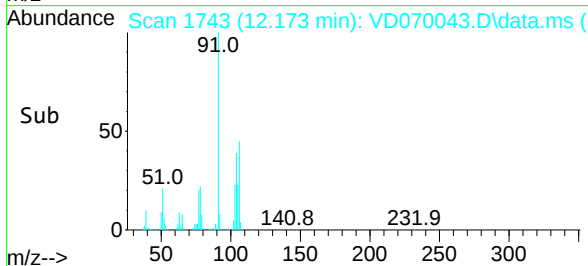
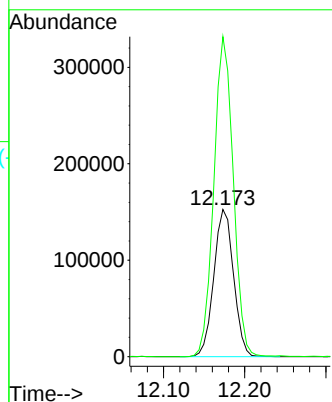
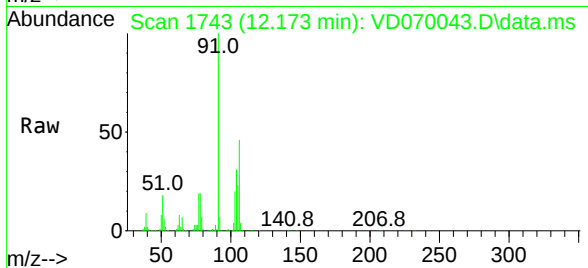




#69
o-Xylene
Concen: 20.845 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

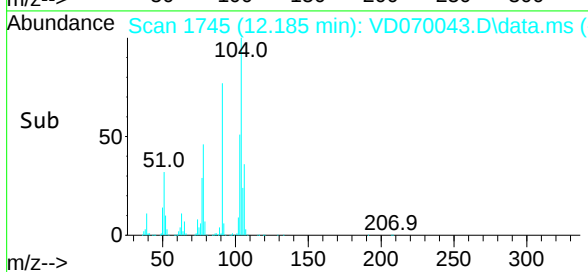
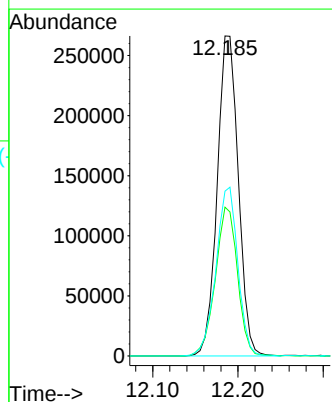
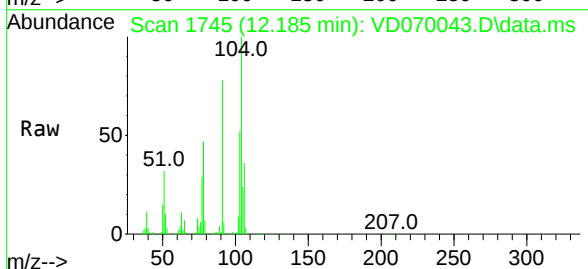
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

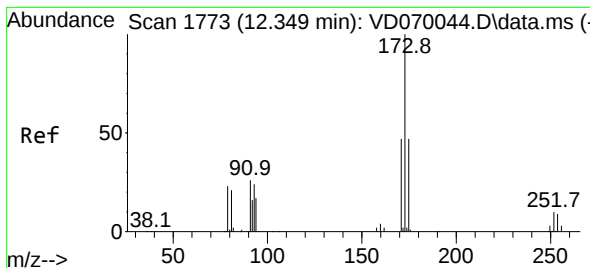
Tgt Ion:106 Resp: 258346
Ion Ratio Lower Upper
106 100
91 214.2 108.6 325.8



#70
Styrene
Concen: 21.157 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion:104 Resp: 459243
Ion Ratio Lower Upper
104 100
78 48.9 39.7 59.5
103 54.8 43.8 65.6





#71

Bromoform

Concen: 21.200 ug/l

RT: 12.350 min Scan# 1773

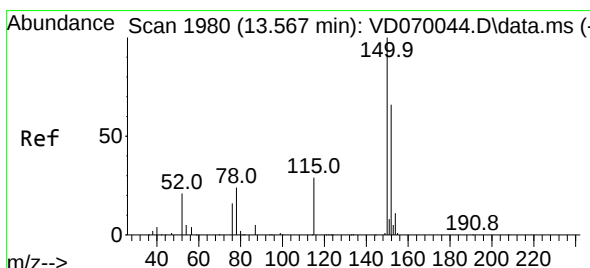
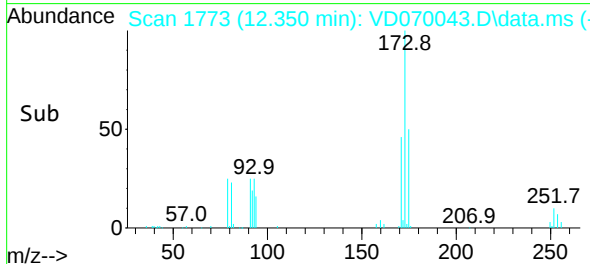
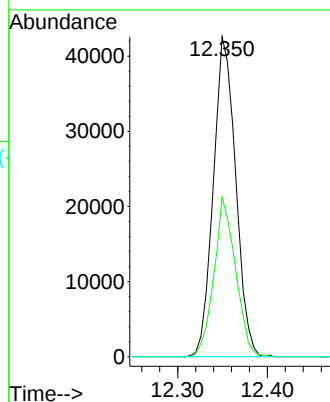
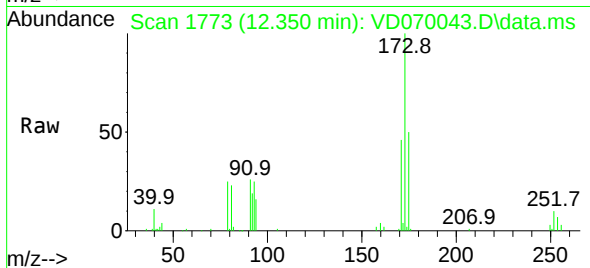
Delta R.T. 0.000 min

Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

Tgt Ion:	173	Resp:	73532
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.1	72.2
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

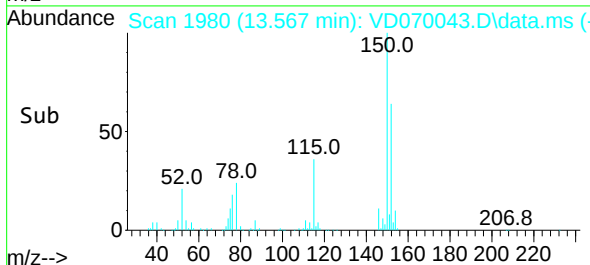
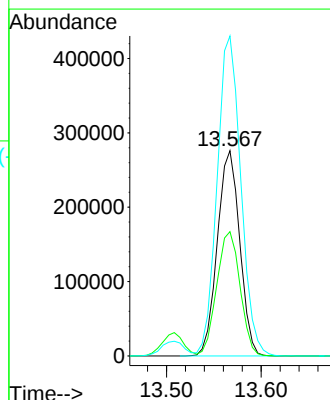
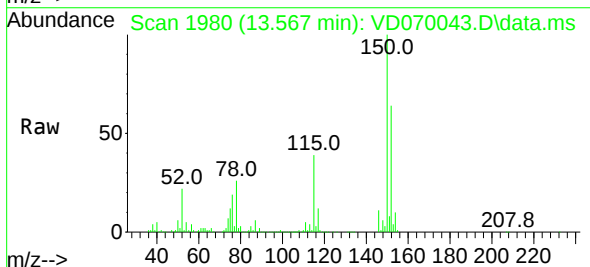
RT: 13.567 min Scan# 1980

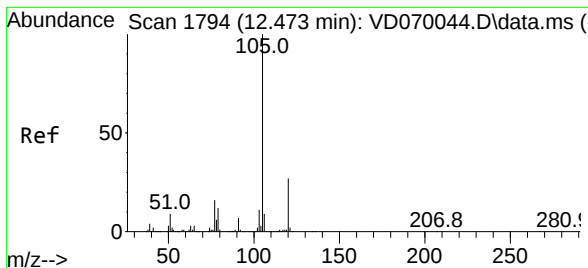
Delta R.T. 0.000 min

Lab File: VD070043.D

Acq: 13 Aug 2021 11:36

Tgt Ion:	152	Resp:	453736
Ion Ratio	Lower	Upper	
152	100		
115	63.2	31.2	93.6
150	164.9	0.0	352.0

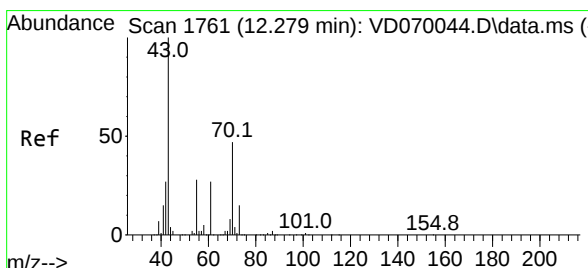
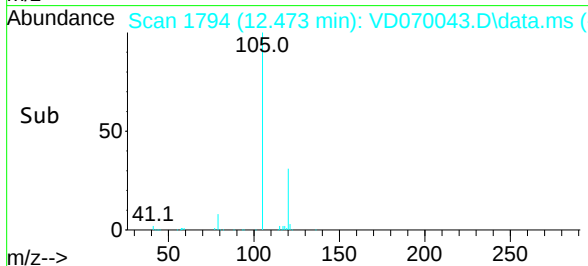
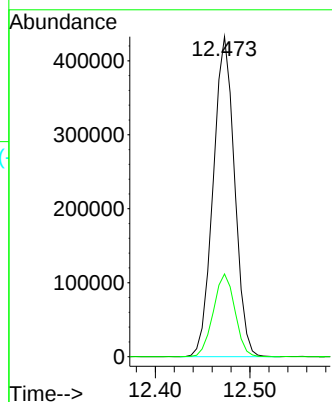
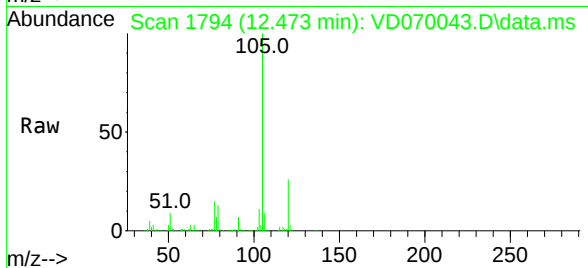




#73
Isopropylbenzene
Concen: 20.469 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

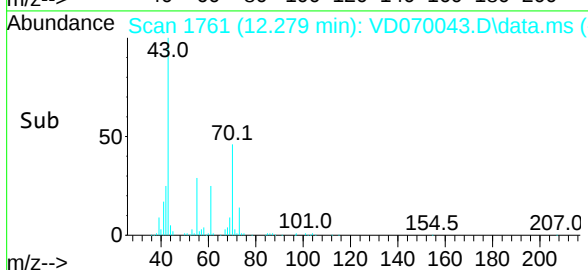
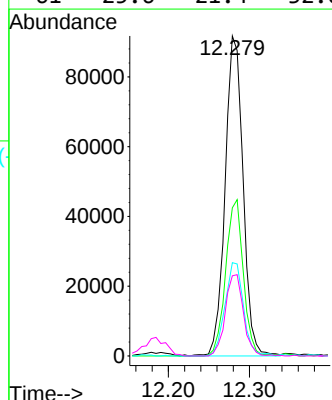
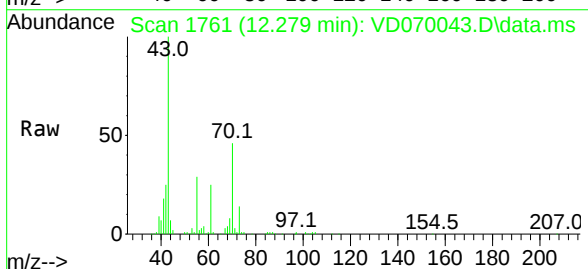
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

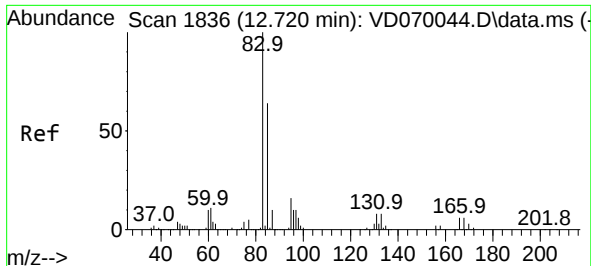
Tgt Ion:105 Resp: 677277
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.8



#74
N-ethyl acetate
Concen: 19.828 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 43 Resp: 141451
Ion Ratio Lower Upper
43 100
70 48.0 37.2 55.8
55 29.9 22.9 34.3
61 25.6 21.4 32.0

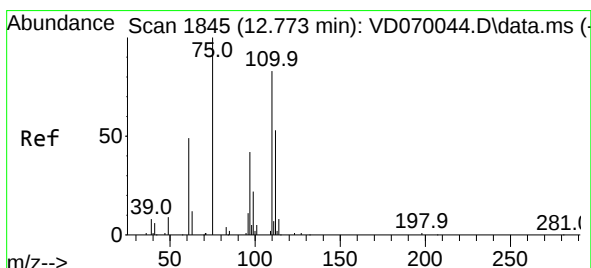
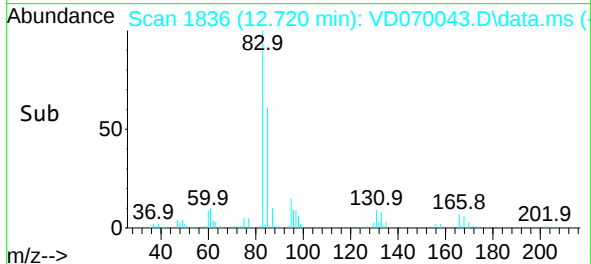
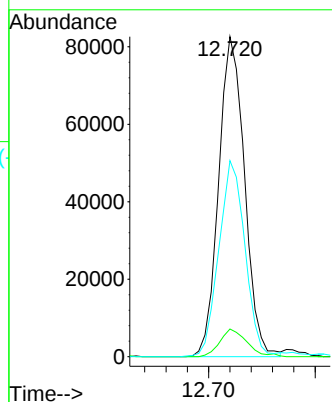
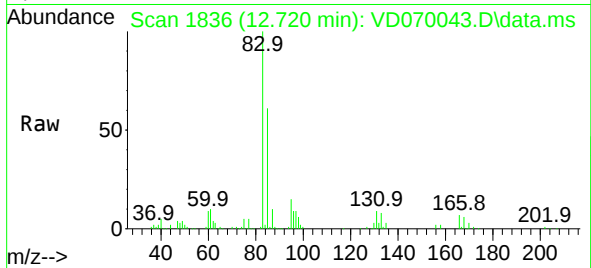




#75
1,1,2,2-Tetrachloroethane
Concen: 21.117 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

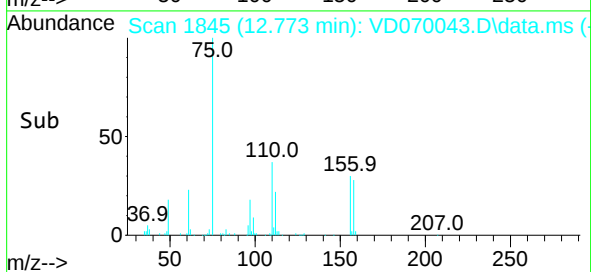
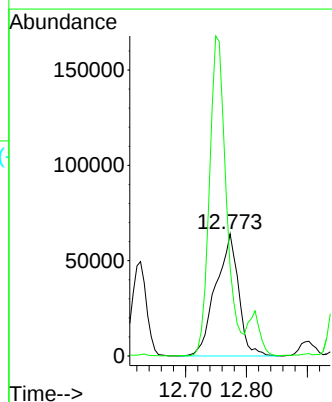
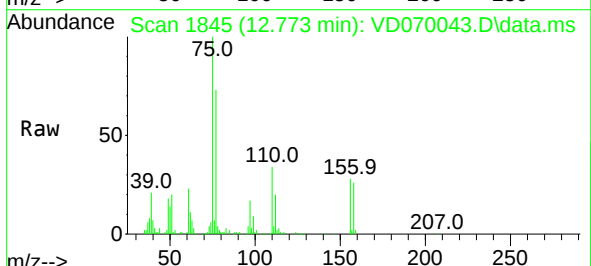
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

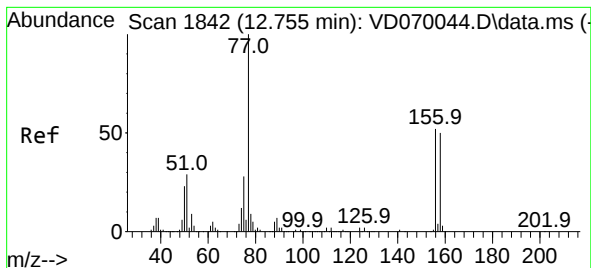
Tgt Ion: 83 Resp: 139411
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 61.7 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 45.177 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 75 Resp: 166968
Ion Ratio Lower Upper
75 100
77 0.0 182.4 547.2#

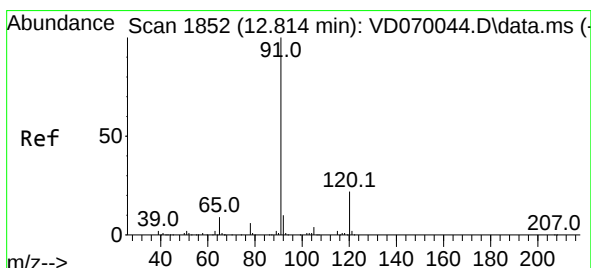
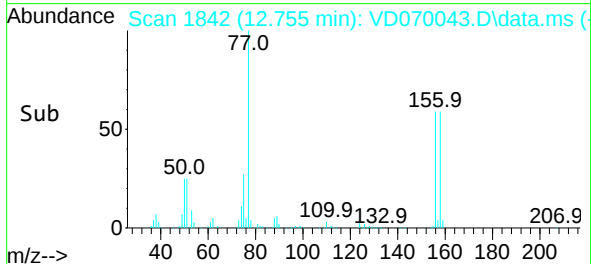
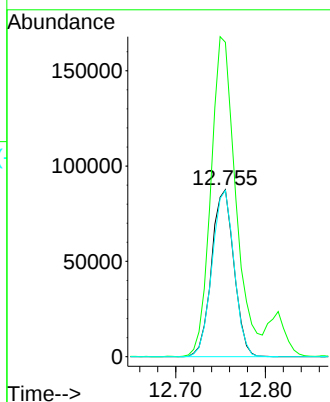
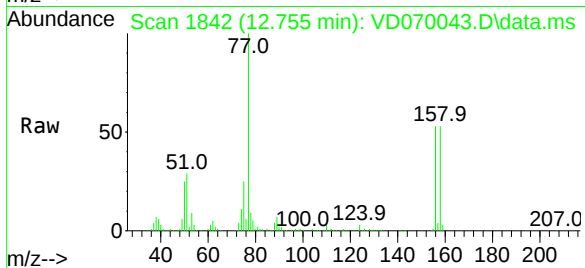




#77
Bromobenzene
Concen: 20.651 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

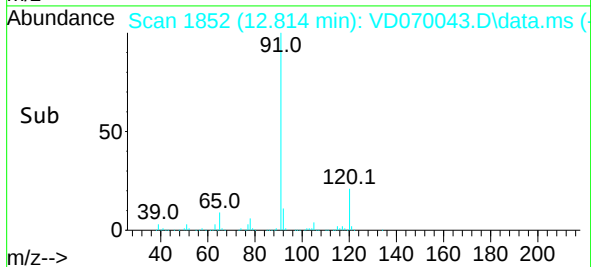
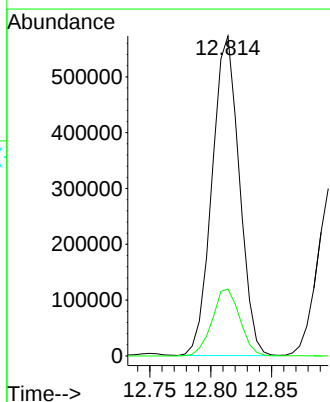
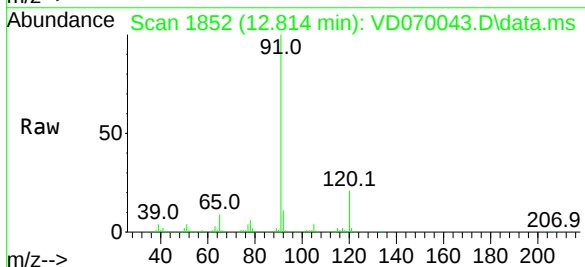
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

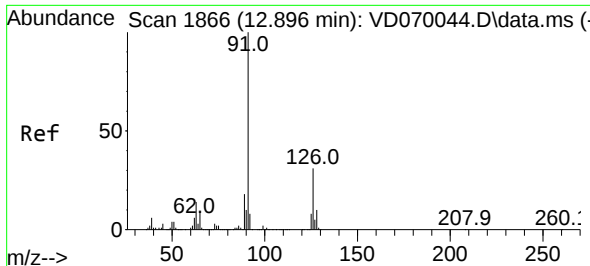
Tgt Ion:156 Resp: 151663
Ion Ratio Lower Upper
156 100
77 213.7 106.9 320.7
158 98.2 47.6 142.8



#78
n-propylbenzene
Concen: 20.917 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 91 Resp: 892564
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.9

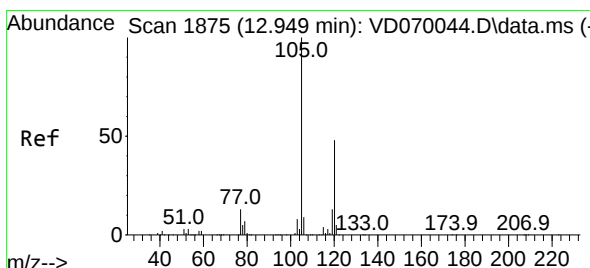
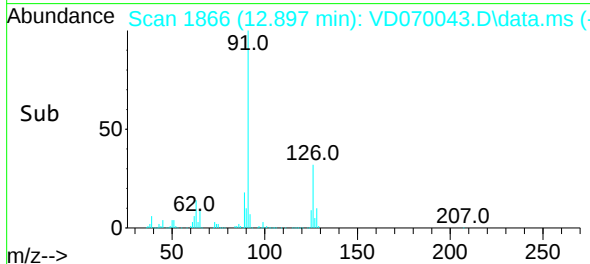
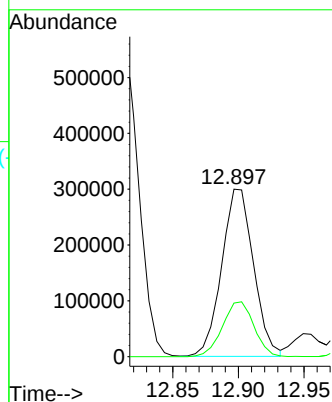
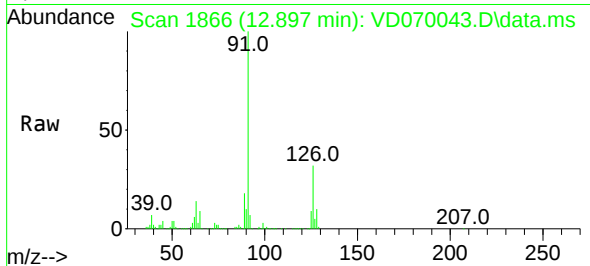




#79
2-Chlorotoluene
Concen: 20.644 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

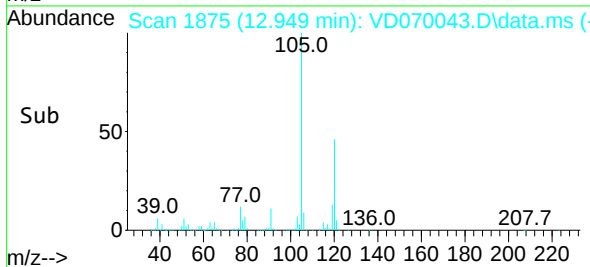
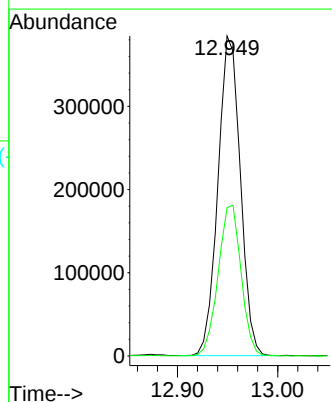
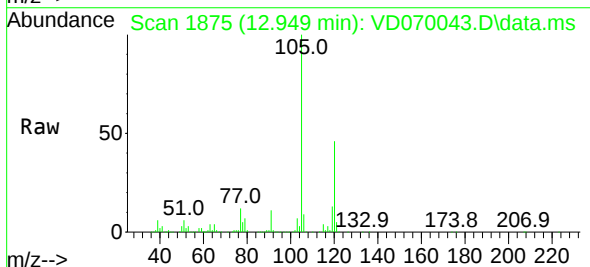
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

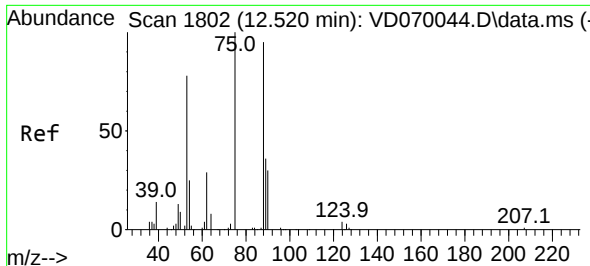
Tgt Ion: 91 Resp: 506828
Ion Ratio Lower Upper
91 100
126 32.5 16.0 48.0



#80
1,3,5-Trimethylbenzene
Concen: 21.152 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 105 Resp: 595818
Ion Ratio Lower Upper
105 100
120 48.5 24.5 73.5

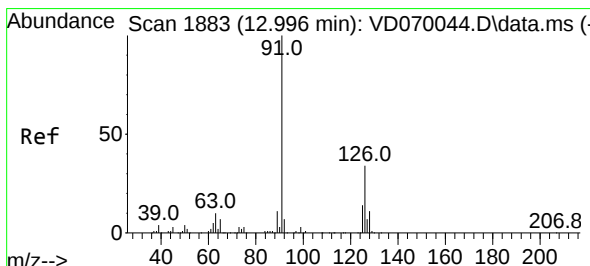
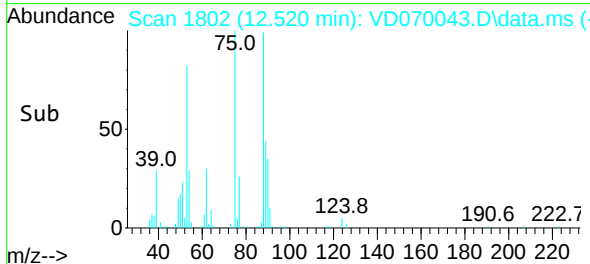
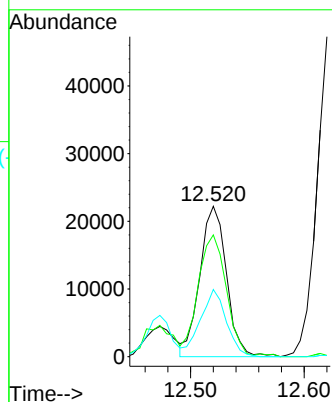
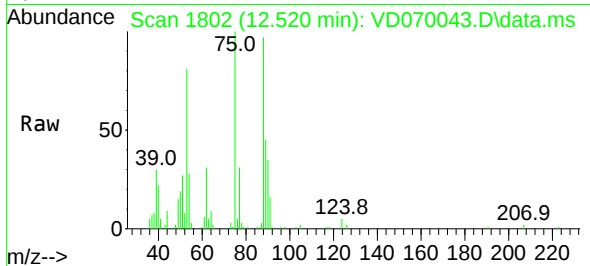




#81
trans-1,4-Dichloro-2-butene
Concen: 20.418 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

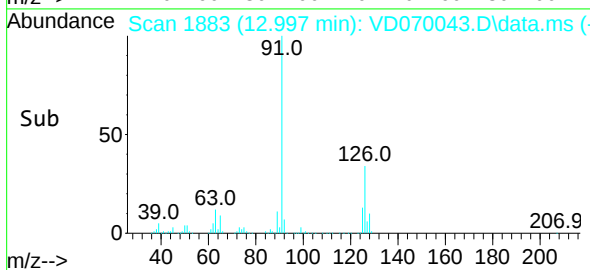
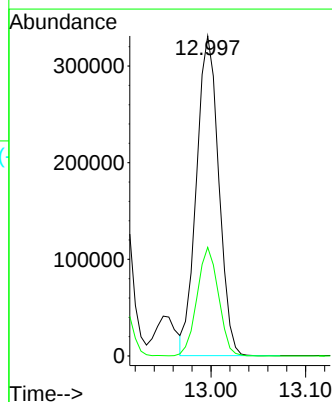
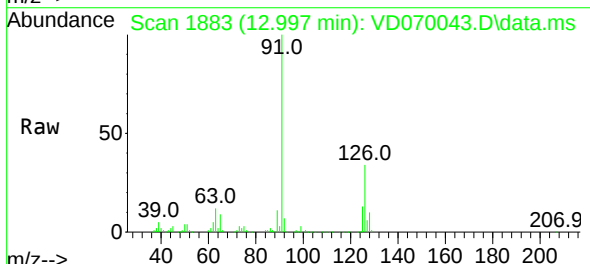
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

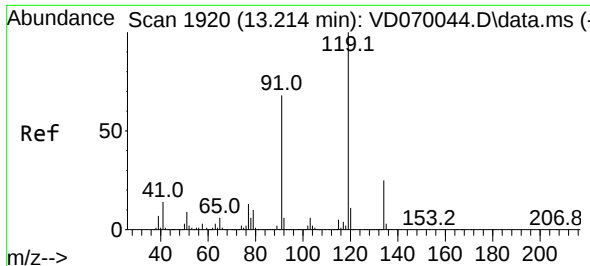
Tgt Ion: 75 Resp: 36196
Ion Ratio Lower Upper
75 100
53 83.8 64.5 96.7
89 43.8 33.7 50.5



#82
4-Chlorotoluene
Concen: 21.004 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 91 Resp: 539943
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

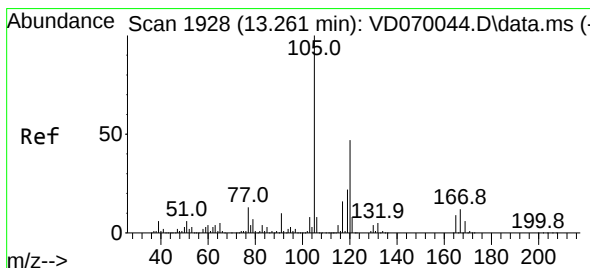
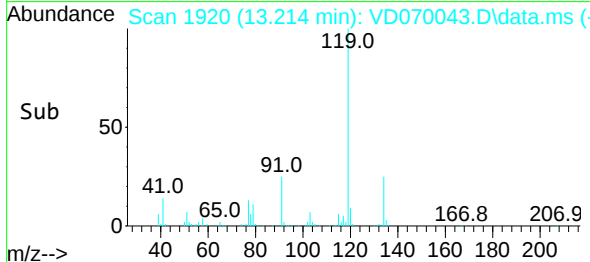
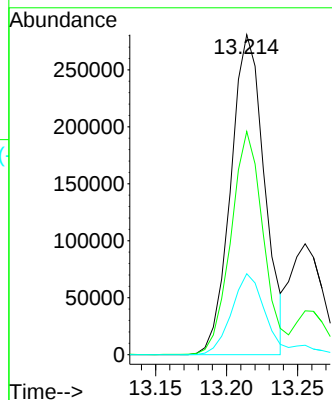
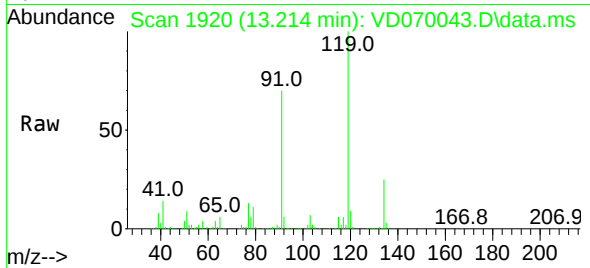




#83
tert-Butylbenzene
Concen: 20.316 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

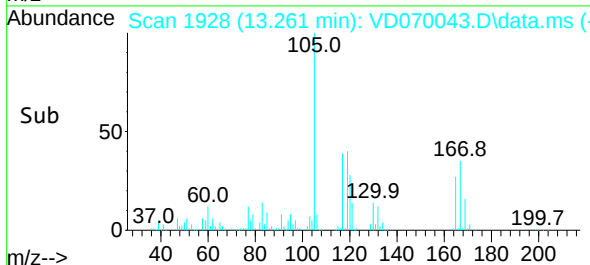
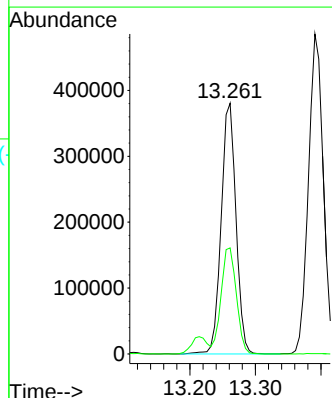
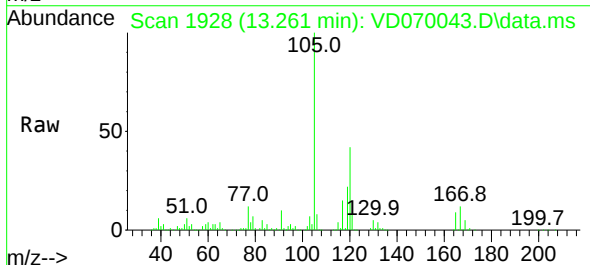
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

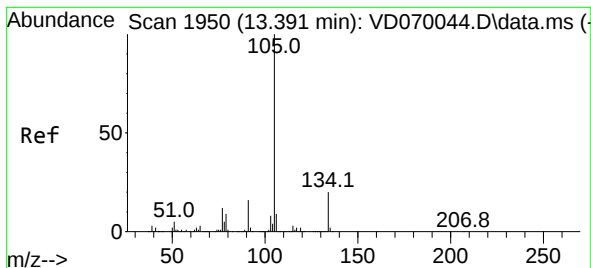
Tgt Ion:119 Resp: 465153
Ion Ratio Lower Upper
119 100
91 67.5 34.0 101.8
134 26.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 21.260 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion:105 Resp: 594061
Ion Ratio Lower Upper
105 100
120 43.7 22.5 67.5

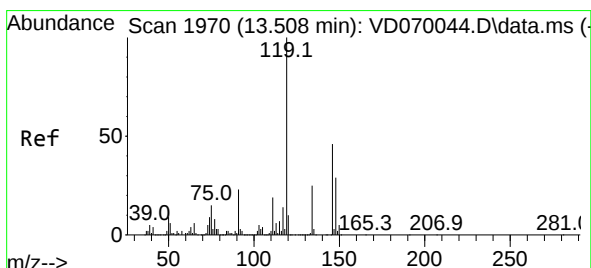
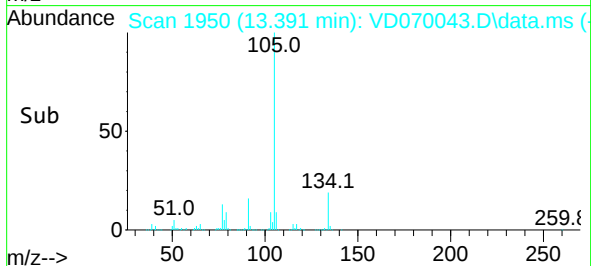
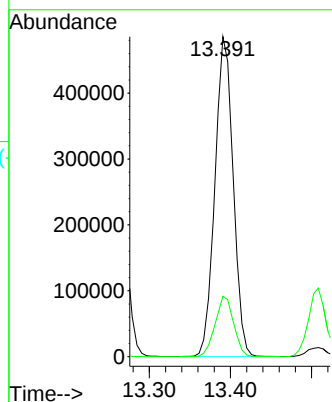
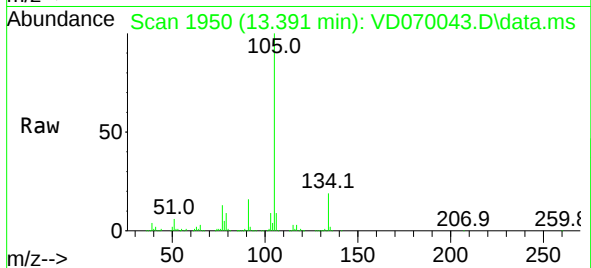




#85
 sec-Butylbenzene
 Concen: 20.716 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070043.D
 Acq: 13 Aug 2021 11:36

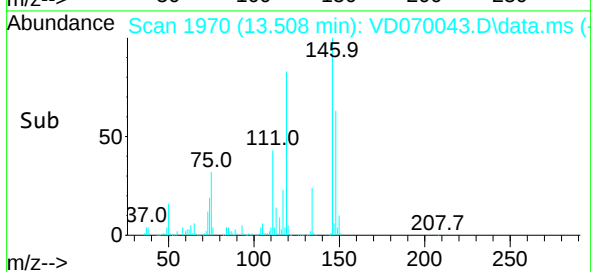
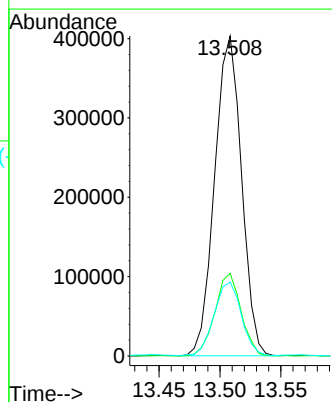
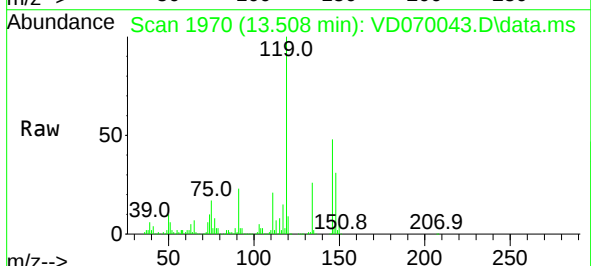
Instrument :
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 ClientSampleId :
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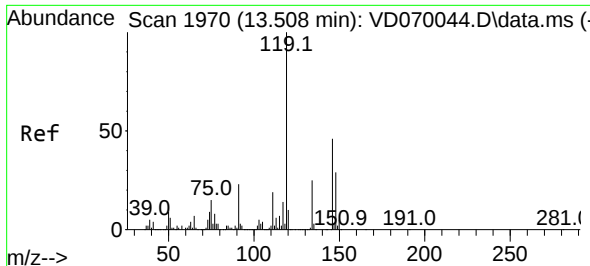
Tgt Ion:105 Resp: 759936
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.834 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD070043.D
 Acq: 13 Aug 2021 11:36

Tgt Ion:119 Resp: 617434
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 23.4 11.6 34.8

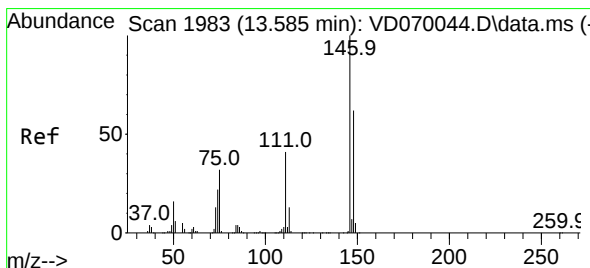
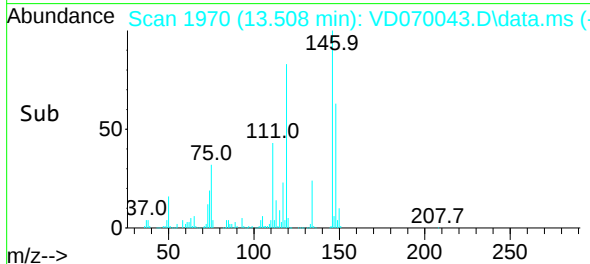
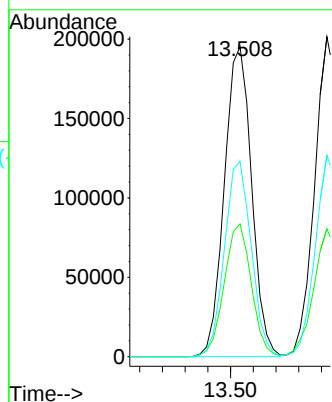
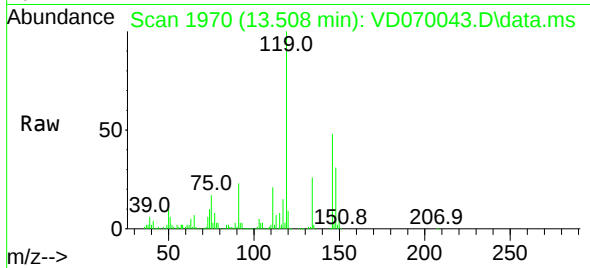




#87
1,3-Dichlorobenzene
Concen: 20.847 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

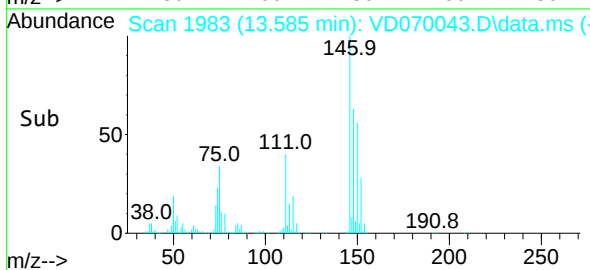
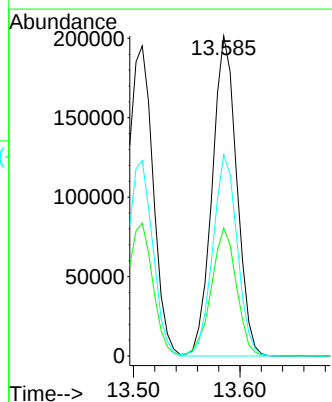
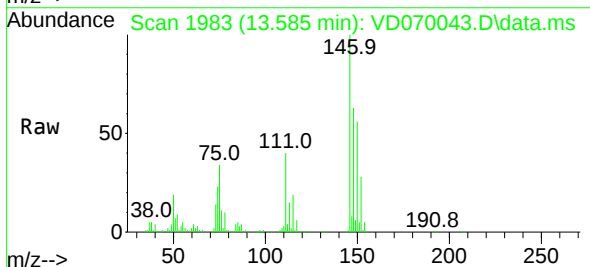
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

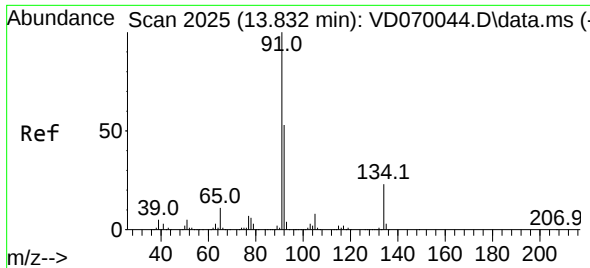
Tgt Ion:146 Resp: 325289
Ion Ratio Lower Upper
146 100
111 42.5 21.3 64.0
148 62.2 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 20.881 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion:146 Resp: 322716
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.8
148 62.5 31.3 93.9

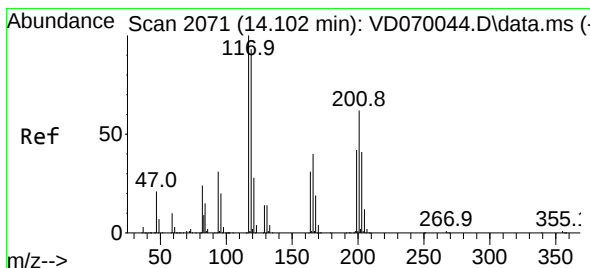
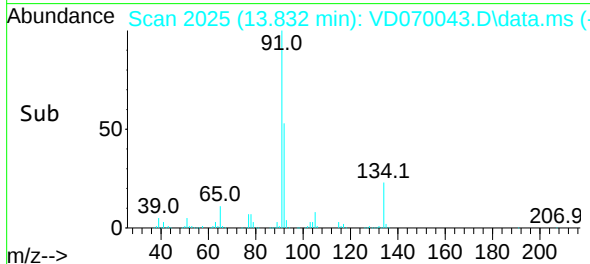
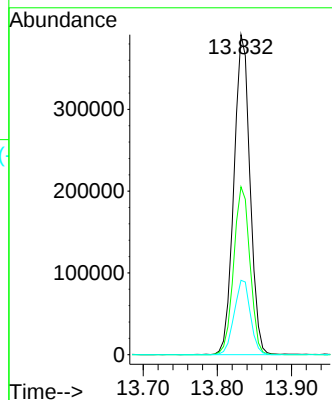
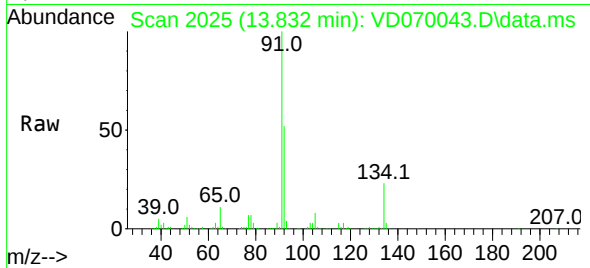




#89
n-Butylbenzene
Concen: 20.307 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

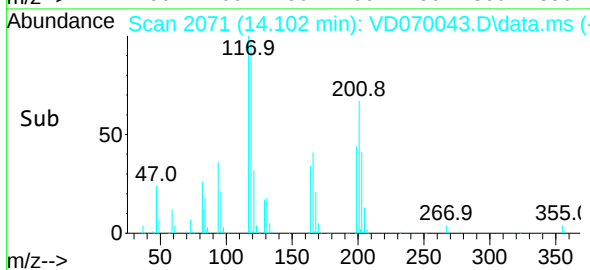
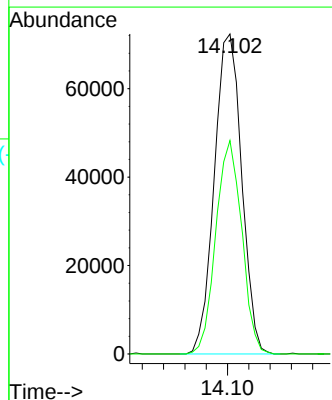
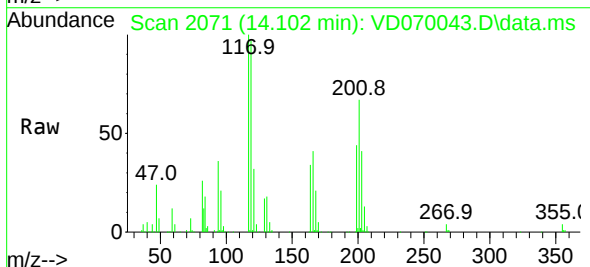
Instrument :
MSVOA_D
ClientSampleId :
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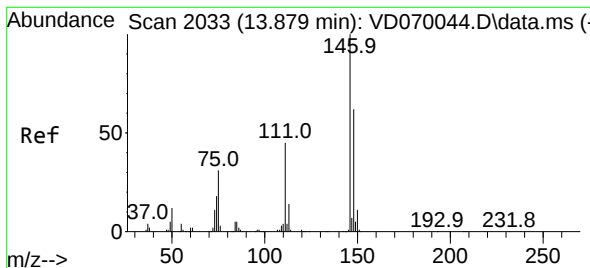
Tgt Ion: 91 Resp: 590581
Ion Ratio Lower Upper
91 100
92 52.9 27.1 81.3
134 23.5 11.8 35.3



#90
Hexachloroethane
Concen: 20.647 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 117 Resp: 129128
Ion Ratio Lower Upper
117 100
201 63.2 31.6 95.0

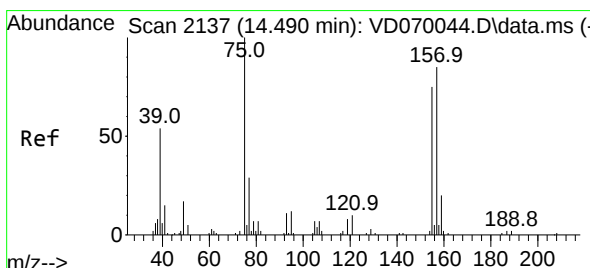
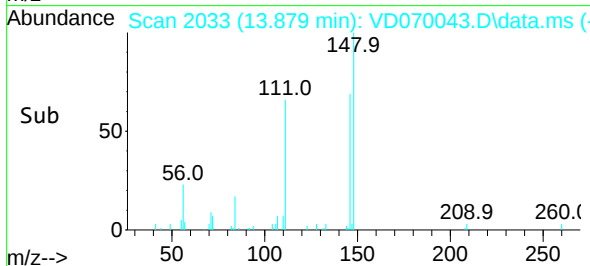
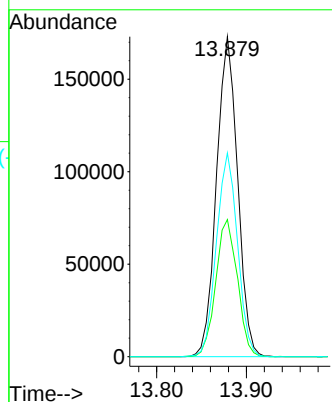
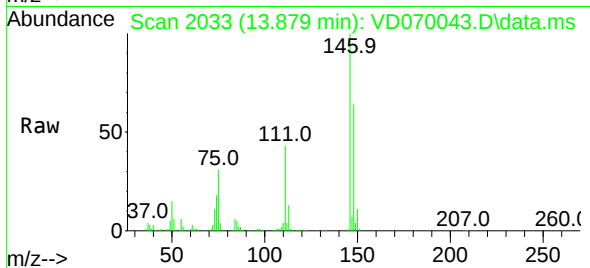




#91
1,2-Dichlorobenzene
Concen: 21.128 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

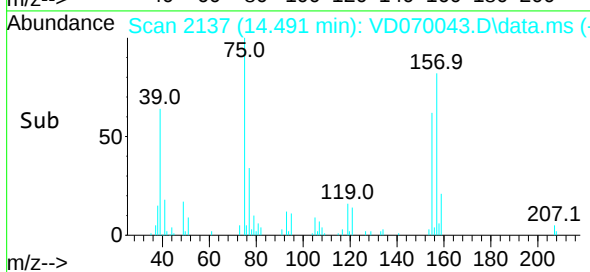
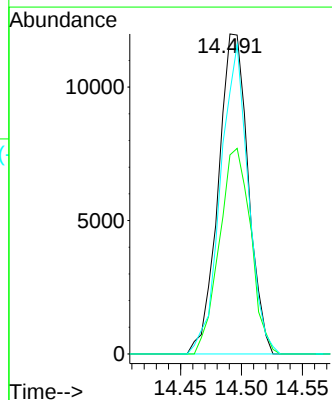
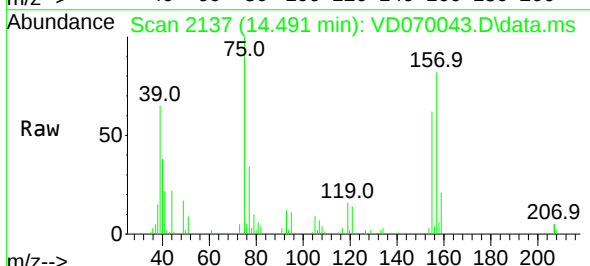
Instrument :
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ClientSampleId :
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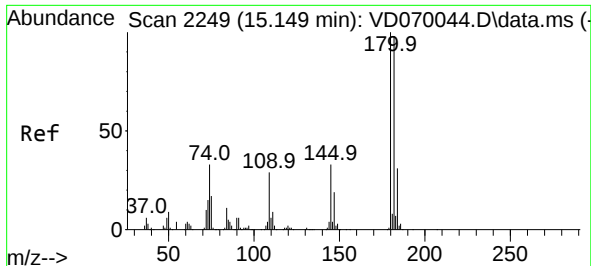
Tgt Ion:146 Resp: 282486
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.2
148 63.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.838 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion: 75 Resp: 20549
Ion Ratio Lower Upper
75 100
155 67.0 35.3 105.9
157 89.4 46.8 140.3

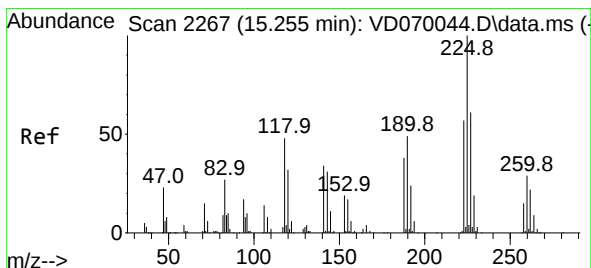
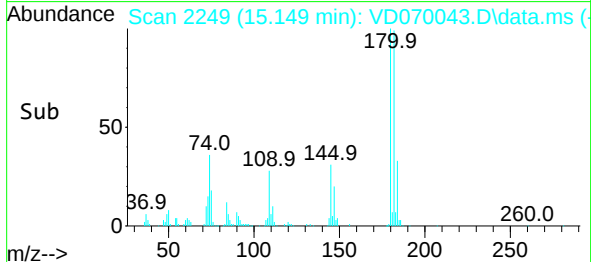
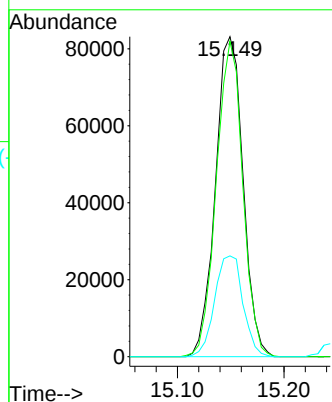
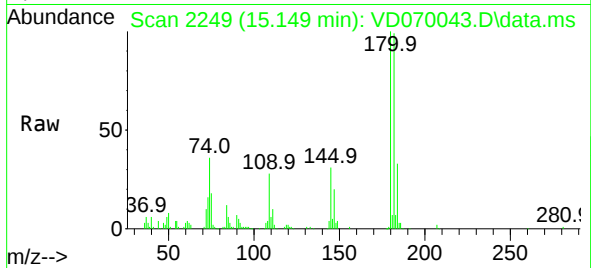




#93
1,2,4-Trichlorobenzene
Concen: 20.117 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

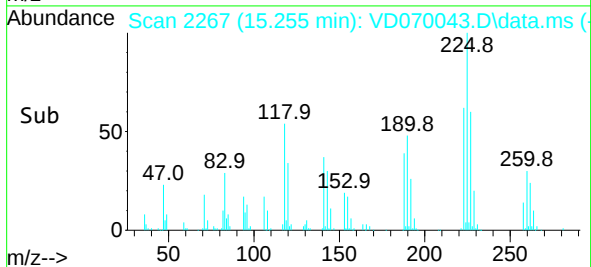
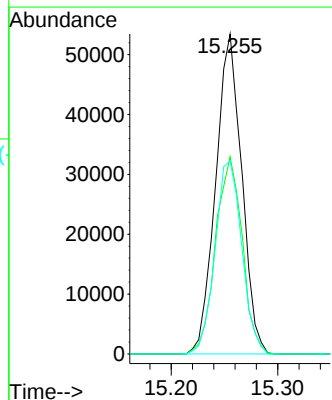
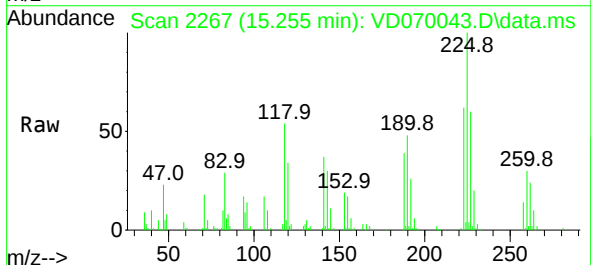
Instrument :
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ClientSampleId :
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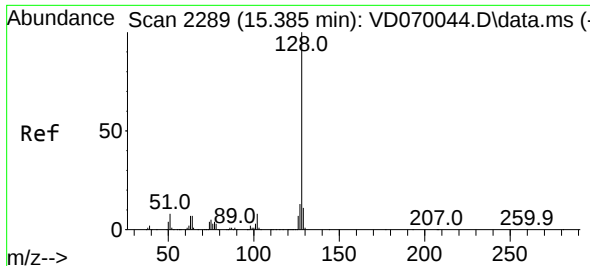
Tgt Ion:180 Resp: 149577
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.6
145 32.3 16.3 48.9



#94
Hexachlorobutadiene
Concen: 20.630 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion:225 Resp: 90609
Ion Ratio Lower Upper
225 100
223 63.0 30.5 91.5
227 61.8 31.4 94.2

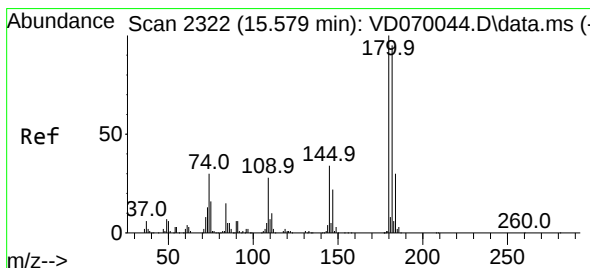
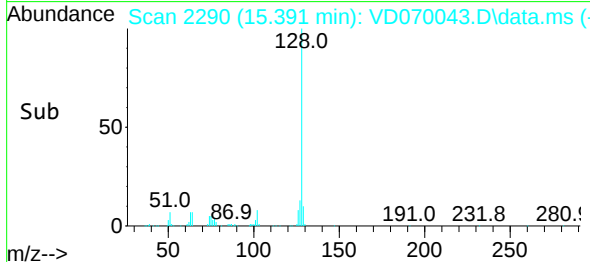
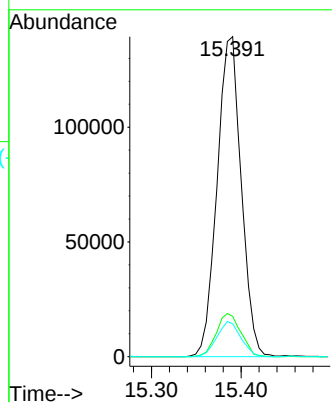
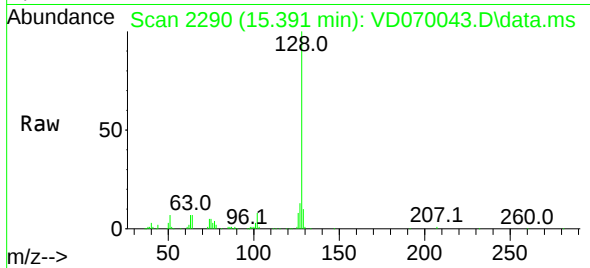




#95
Naphthalene
Concen: 19.225 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 260166
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 10.9 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 20.034 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070043.D
Acq: 13 Aug 2021 11:36

Tgt Ion:180 Resp: 130029
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.6
145 34.5 16.8 50.3

