

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072641.D
 Acq On : 20 Apr 2022 12:22
 Operator : VA/SY
 Sample : VD0420SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBS01

Quant Time: Apr 20 14:48:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	356622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	585486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	556076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204805	47.474	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.940%		
35) Dibromofluoromethane	7.914	113	222316	48.860	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.720%		
50) Toluene-d8	10.332	98	750945	47.479	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.960%		
62) 4-Bromofluorobenzene	12.620	95	300800	48.697	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	54591	19.288	ug/l	95
3) Chloromethane	2.209	50	47503	18.146	ug/l	97
4) Vinyl Chloride	2.350	62	51201	17.643	ug/l	92
5) Bromomethane	2.744	94	39854	19.756	ug/l	100
6) Chloroethane	2.909	64	39079	20.268	ug/l	94
7) Trichlorofluoromethane	3.268	101	136140	22.161	ug/l	88
8) Diethyl Ether	3.709	74	39319	21.537	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.085	101	93153	22.737	ug/l	94
10) Methyl Iodide	4.297	142	57246	17.602	ug/l	99
11) Tert butyl alcohol	5.209	59	68678	301.457	ug/l #	84
12) 1,1-Dichloroethene	4.062	96	66492	20.759	ug/l	82
13) Acrolein	3.920	56	13632	134.839	ug/l	98
14) Allyl chloride	4.709	41	111307	20.470	ug/l	88
15) Acrylonitrile	5.415	53	110494	121.023	ug/l	95
16) Acetone	4.156	43	88406	109.900	ug/l	91
17) Carbon Disulfide	4.409	76	82153	14.610	ug/l	98
18) Methyl Acetate	4.709	43	62741	27.685	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	222194	23.766	ug/l	99
20) Methylene Chloride	4.962	84	120974	25.261	ug/l #	84
21) trans-1,2-Dichloroethene	5.467	96	71577	18.786	ug/l	85
22) Diisopropyl ether	6.362	45	301995	23.466	ug/l #	90
23) Vinyl Acetate	6.303	43	677458	101.699	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	179507	23.148	ug/l	98
25) 2-Butanone	7.209	43	130983	117.733	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	164272	23.849	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	109019	22.416	ug/l	89
28) Bromochloromethane	7.538	49	70661	21.266	ug/l #	77
29) Tetrahydrofuran	7.561	42	78487	116.850	ug/l	92
30) Chloroform	7.708	83	210567	24.138	ug/l	91
31) Cyclohexane	7.979	56	105738	18.745	ug/l #	79
32) 1,1,1-Trichloroethane	7.897	97	173430	23.440	ug/l	95
36) 1,1-Dichloropropene	8.108	75	112983	20.118	ug/l	96
37) Ethyl Acetate	7.285	43	56095	23.267	ug/l #	94
38) Carbon Tetrachloride	8.091	117	146117	23.310	ug/l	97
39) Methylcyclohexane	9.355	83	111822	18.440	ug/l	95
40) Benzene	8.344	78	352097	22.158	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	39347	28.658	ug/l	95
42) 1,2-Dichloroethane	8.414	62	113177	23.302	ug/l	96
43) Isopropyl Acetate	8.450	43	112653	24.359	ug/l #	92
44) Trichloroethene	9.103	130	97844	21.689	ug/l	93
45) 1,2-Dichloropropane	9.379	63	107137	24.237	ug/l	98
46) Dibromomethane	9.467	93	53382	23.018	ug/l	96
47) Bromodichloromethane	9.655	83	164034	24.620	ug/l #	98
48) Methyl methacrylate	9.450	41	50726	22.593	ug/l #	85
49) 1,4-Dioxane	9.450	88	13386	485.221	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	313866	126.484	ug/l	92
52) Toluene	10.397	92	240567	22.788	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	138553	23.864	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	159549	23.243	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	89733	25.522	ug/l	96
56) Ethyl methacrylate	10.655	69	93626	22.332	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	140821	24.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	213795	123.167	ug/l	95
59) 2-Hexanone	10.979	43	201990	119.701	ug/l	93
60) Dibromochloromethane	11.132	129	112782	24.867	ug/l	99
61) 1,2-Dibromoethane	11.238	107	75854	24.299	ug/l	98
64) Tetrachloroethene	10.867	164	78891	21.714	ug/l	96
65) Chlorobenzene	11.661	112	286295	23.028	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	124532	25.054	ug/l	98
67) Ethyl Benzene	11.738	91	490842	22.626	ug/l	99
68) m/p-Xylenes	11.844	106	371440	45.132	ug/l	99
69) o-Xylene	12.173	106	181173	22.816	ug/l	95
70) Styrene	12.185	104	330623	23.625	ug/l	96
71) Bromoform	12.349	173	67335	25.554	ug/l #	99
73) Isopropylbenzene	12.467	105	520270	22.220	ug/l	100
74) N-amyl acetate	12.279	43	111614	22.719	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	104612	23.588	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	128149	40.526	ug/l #	100
77) Bromobenzene	12.749	156	121077	23.070	ug/l	93
78) n-propylbenzene	12.808	91	640125	22.662	ug/l	98
79) 2-Chlorotoluene	12.896	91	375470	22.729	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	456650	22.772	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	30896	23.975	ug/l	88
82) 4-Chlorotoluene	12.991	91	397927	23.129	ug/l	99
83) tert-Butylbenzene	13.208	119	410211	23.629	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	451068	23.002	ug/l	99
85) sec-Butylbenzene	13.391	105	616504	23.576	ug/l	99
86) p-Isopropyltoluene	13.502	119	499266	23.358	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	258319	23.754	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	256166	23.372	ug/l	99
89) n-Butylbenzene	13.832	91	481329	23.639	ug/l	99
90) Hexachloroethane	14.096	117	104217	23.817	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	230162	23.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	15509	23.645	ug/l	84
93) 1,2,4-Trichlorobenzene	15.143	180	138471	23.291	ug/l	98
94) Hexachlorobutadiene	15.249	225	85107	25.556	ug/l	99
95) Naphthalene	15.385	128	250343	21.670	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	126001	24.283	ug/l	99

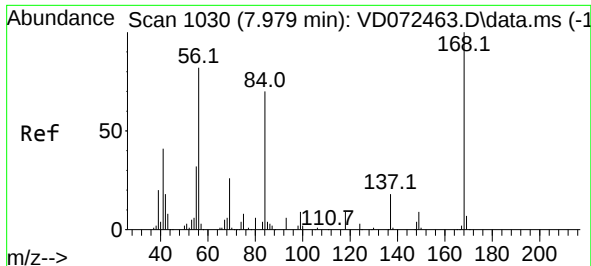
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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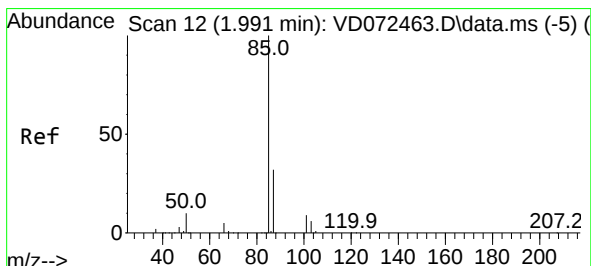
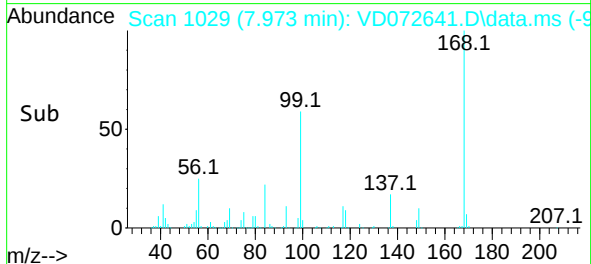
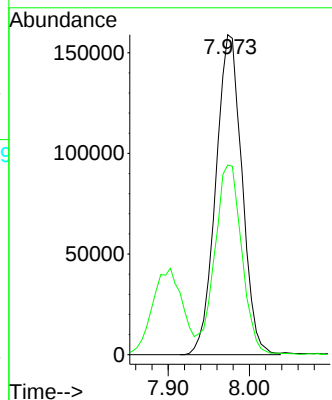
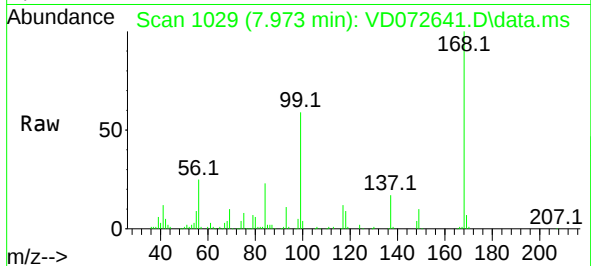
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

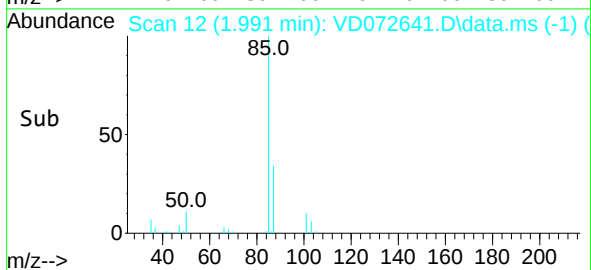
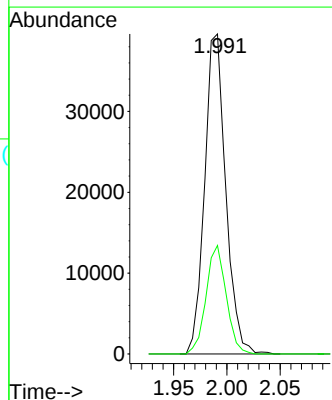
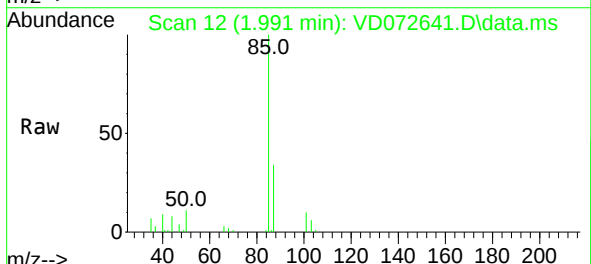
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ClientSampleId :
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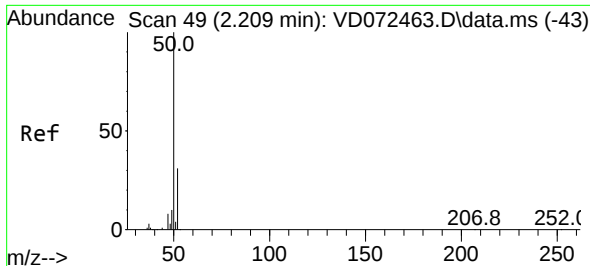
Tgt Ion:168 Resp: 356622
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 19.288 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 85 Resp: 54591
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.0

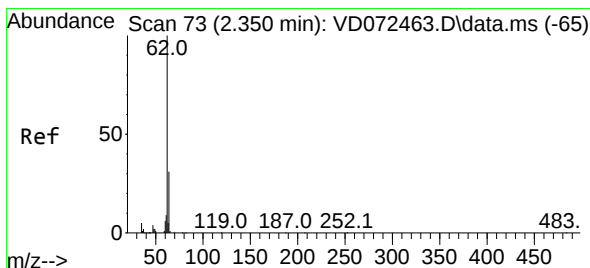
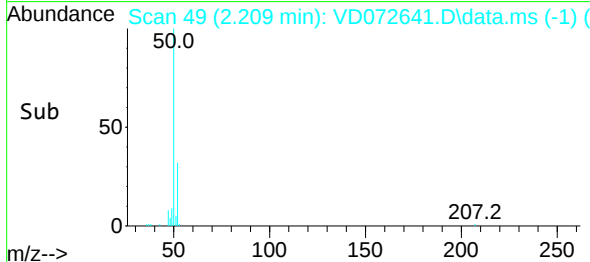
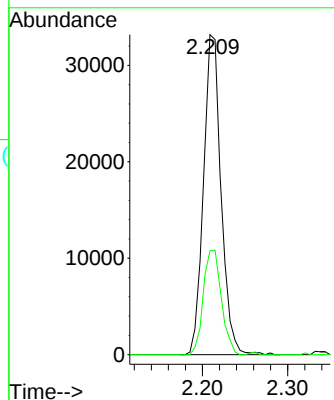
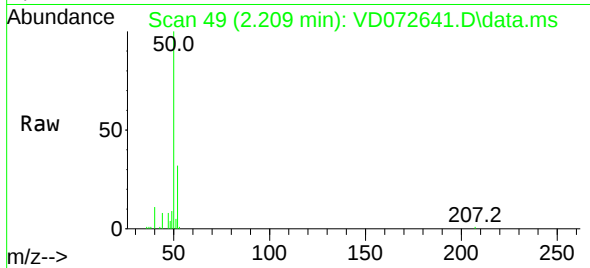




#3
Chloromethane
Concen: 18.146 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

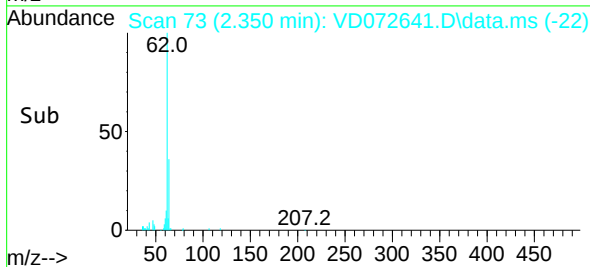
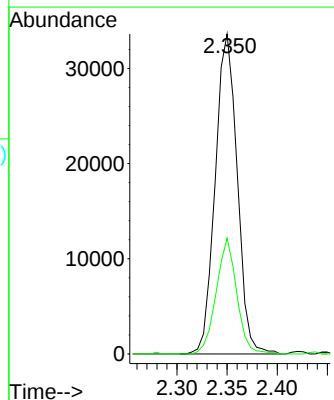
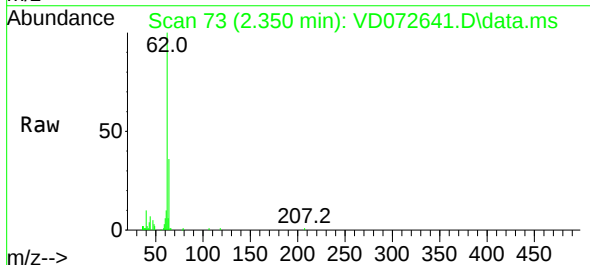
Instrument :
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ClientSampleId :
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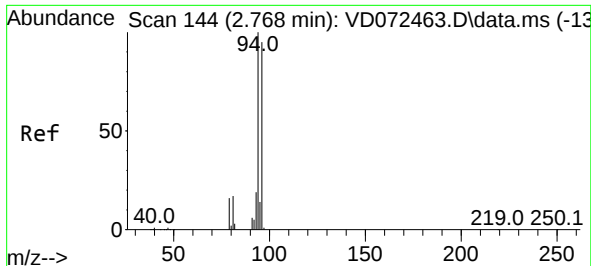
Tgt Ion: 50 Resp: 47503
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.0



#4
Vinyl Chloride
Concen: 17.643 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 62 Resp: 51201
Ion Ratio Lower Upper
62 100
64 36.2 25.4 38.0

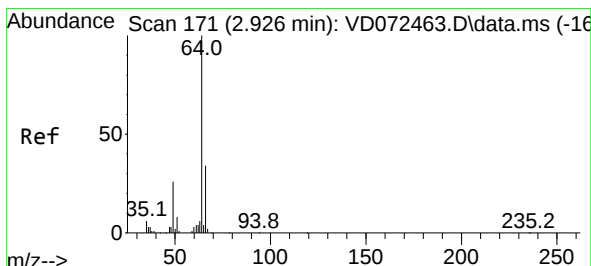
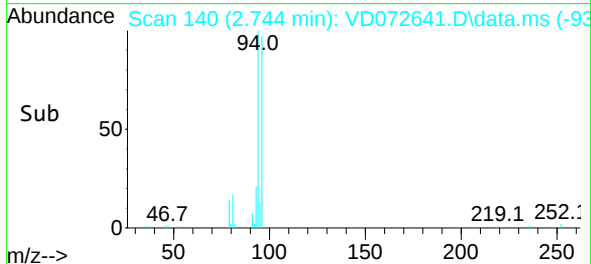
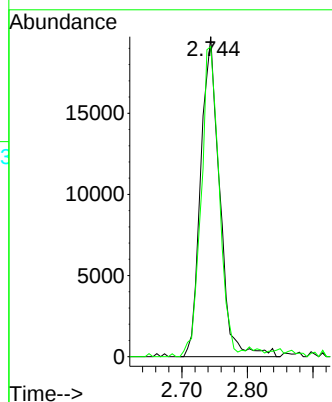
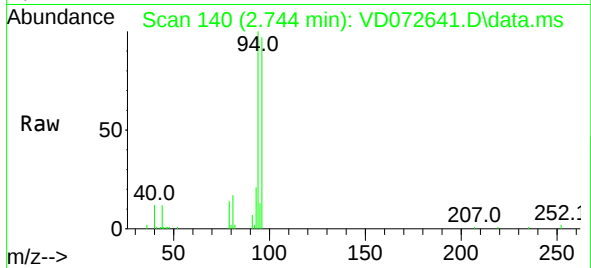




#5
Bromomethane
Concen: 19.756 ug/l
RT: 2.744 min Scan# 144
Delta R.T. -0.023 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

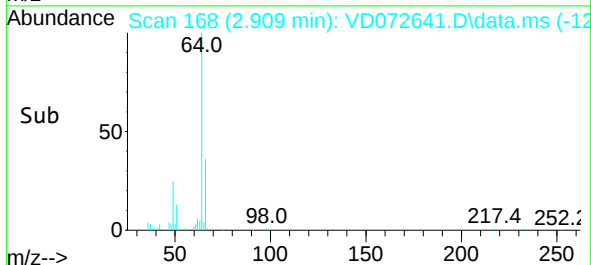
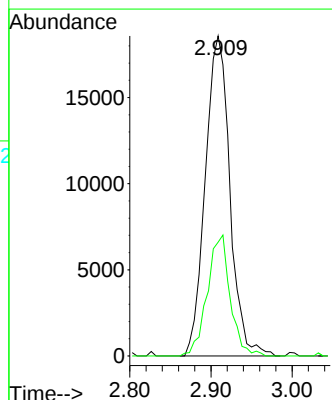
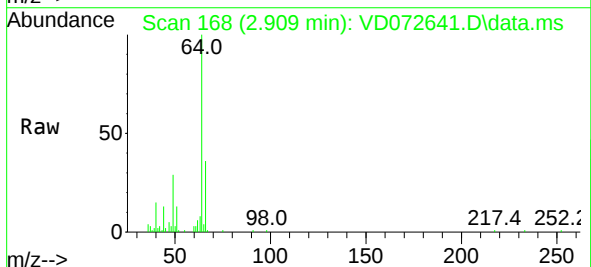
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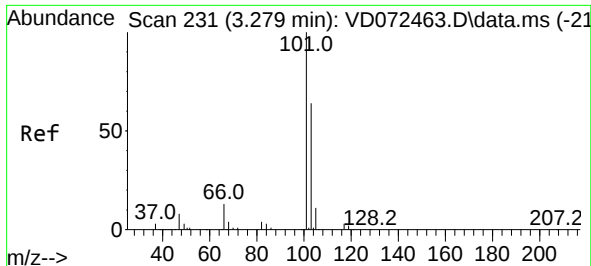
Tgt Ion: 94 Resp: 39854
Ion Ratio Lower Upper
94 100
96 96.9 77.6 116.4



#6
Chloroethane
Concen: 20.268 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.018 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 64 Resp: 39079
Ion Ratio Lower Upper
64 100
66 35.5 25.9 38.9

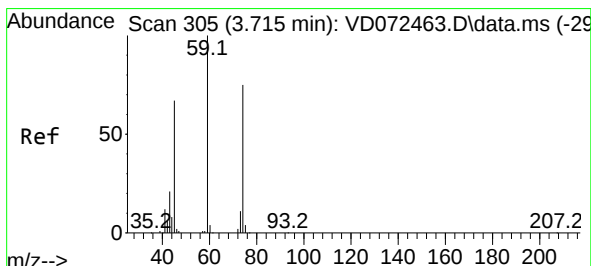
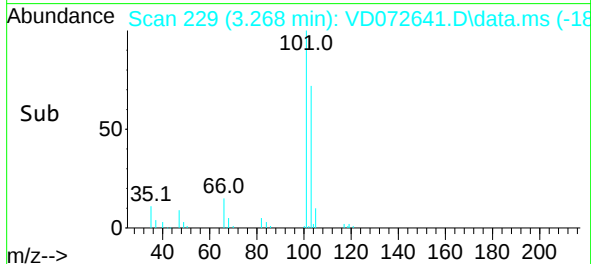
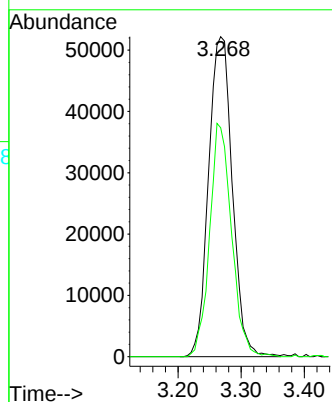
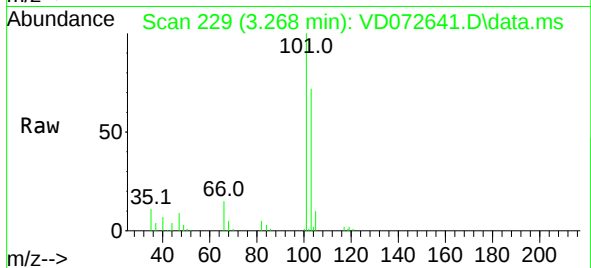




#7
 Trichlorofluoromethane
 Concen: 22.161 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD072641.D
 Acq: 20 Apr 2022 12:22

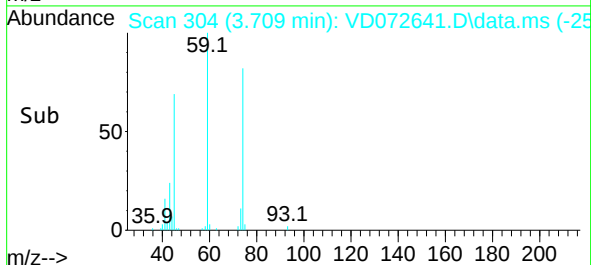
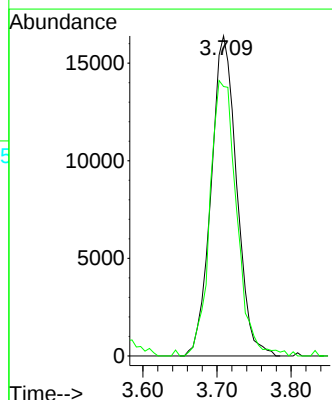
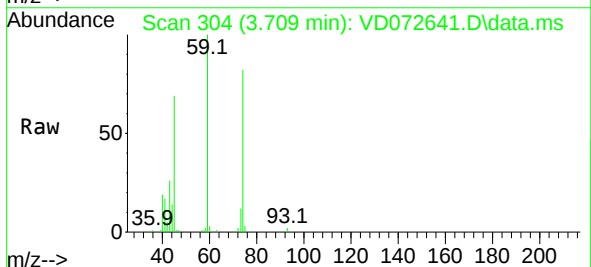
Instrument :
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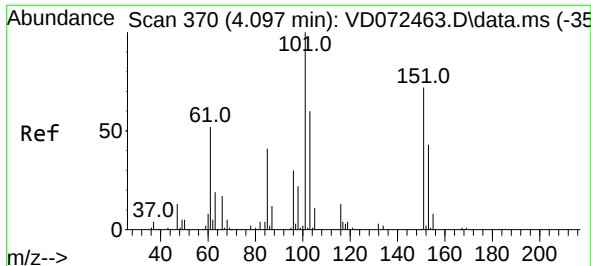
Tgt Ion:101 Resp: 136140
 Ion Ratio Lower Upper
 101 100
 103 71.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 21.537 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD072641.D
 Acq: 20 Apr 2022 12:22

Tgt Ion: 74 Resp: 39319
 Ion Ratio Lower Upper
 74 100
 45 90.2 52.6 157.8

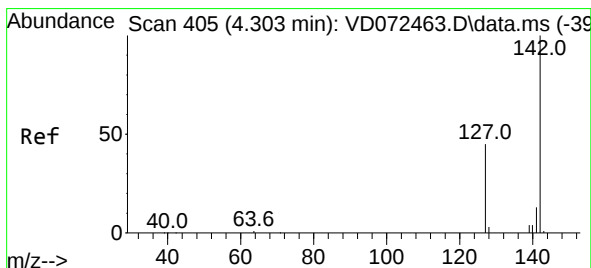
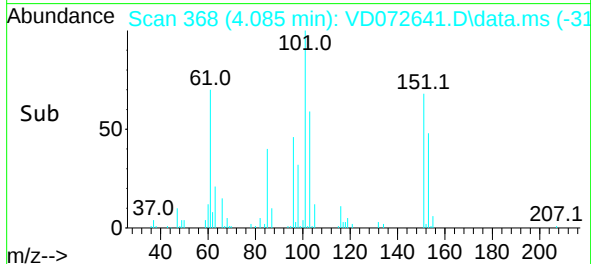
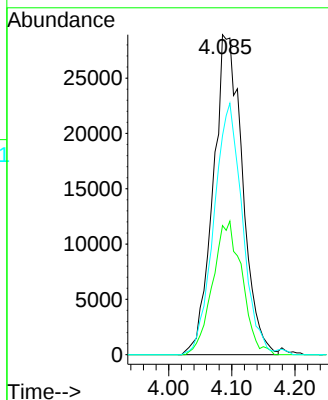
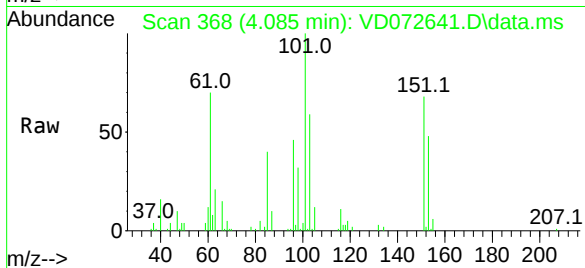




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.737 ug/l
RT: 4.085 min Scan# 311
Delta R.T. -0.012 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

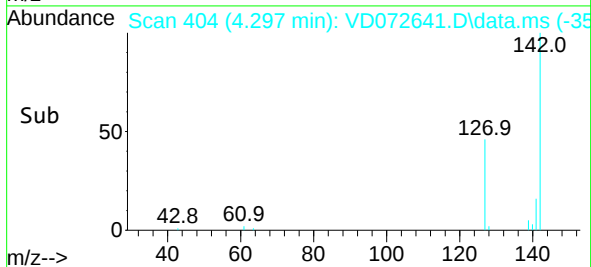
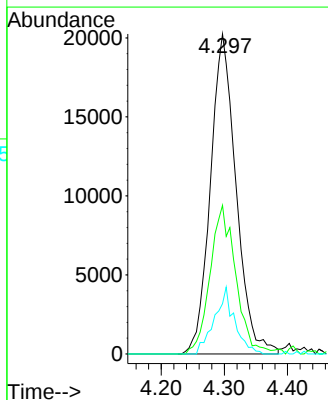
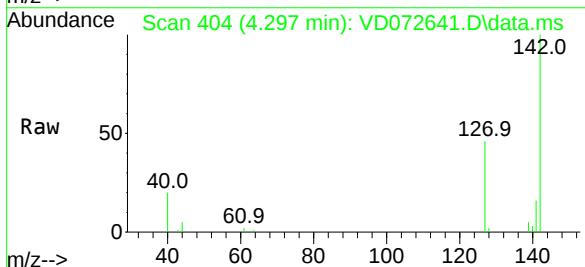
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

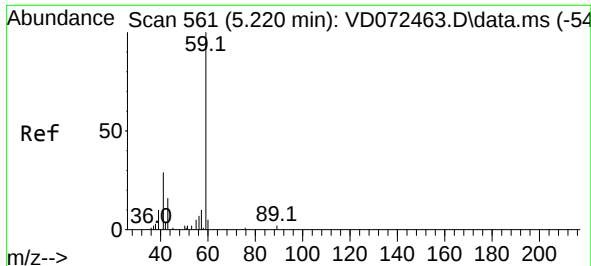
Tgt Ion:101 Resp: 93153
Ion Ratio Lower Upper
101 100
85 41.9 36.4 54.6
151 76.4 57.3 85.9



#10
Methyl Iodide
Concen: 17.602 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion:142 Resp: 57246
Ion Ratio Lower Upper
142 100
127 46.3 37.3 55.9
141 16.3 11.7 17.5

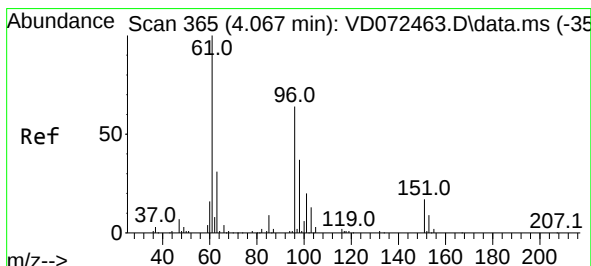
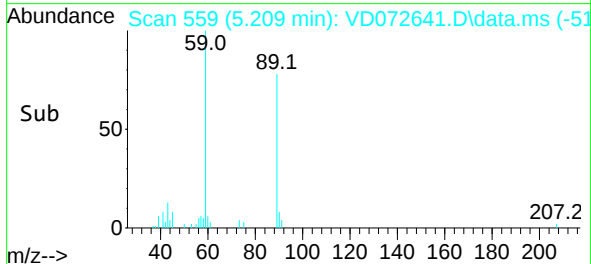
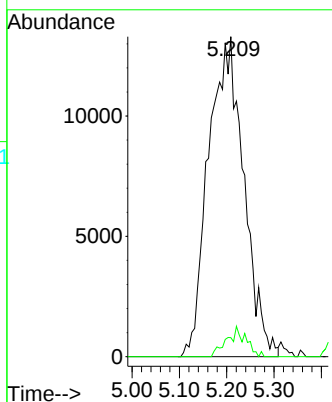
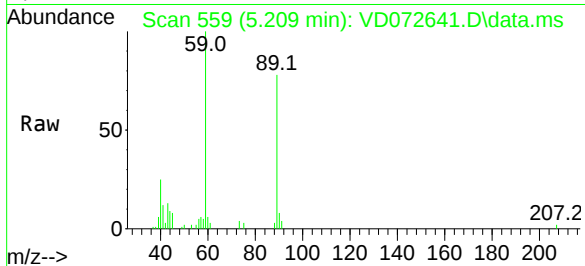




#11
Tert butyl alcohol
Concen: 301.457 ug/l
RT: 5.209 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

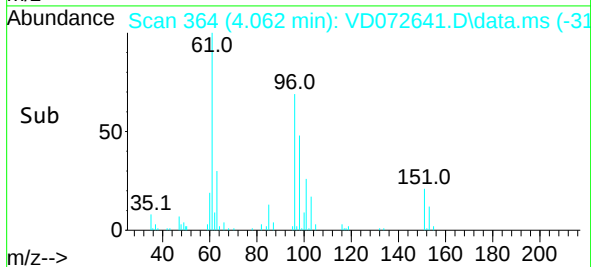
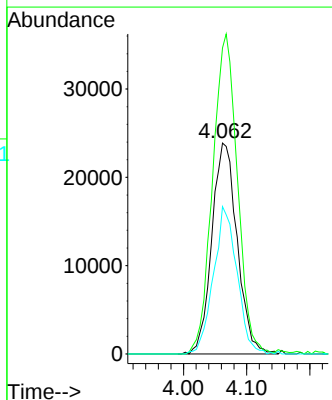
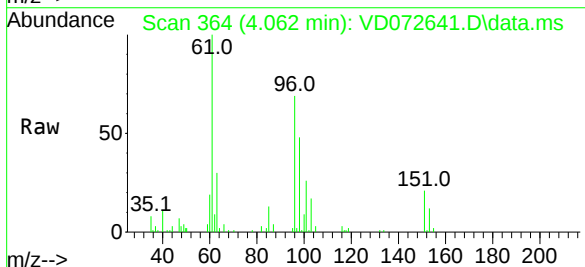
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

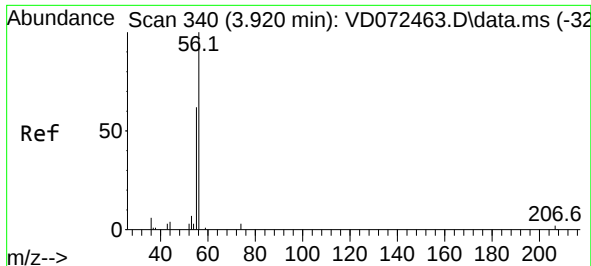
Tgt Ion: 59 Resp: 68678
Ion Ratio Lower Upper
59 100
57 3.6 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 20.759 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 96 Resp: 66492
Ion Ratio Lower Upper
96 100
61 145.2 138.5 207.7
98 69.9 48.6 73.0

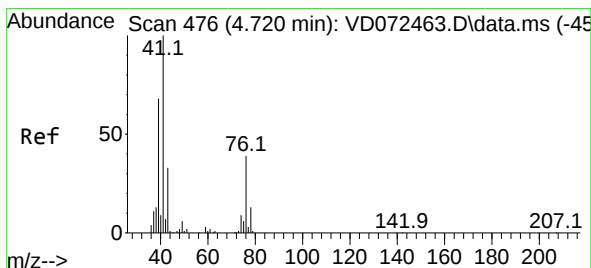
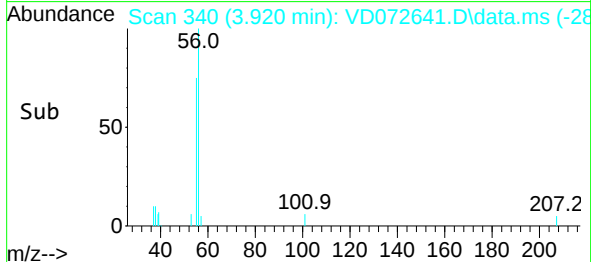
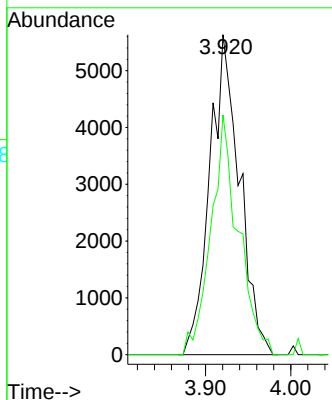
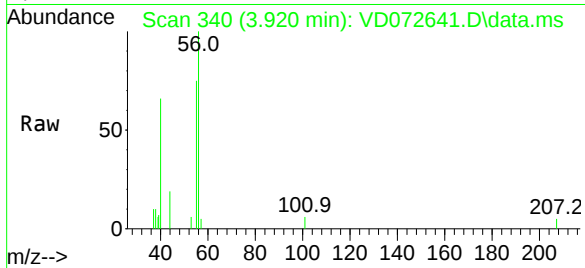




#13
Acrolein
Concen: 134.839 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

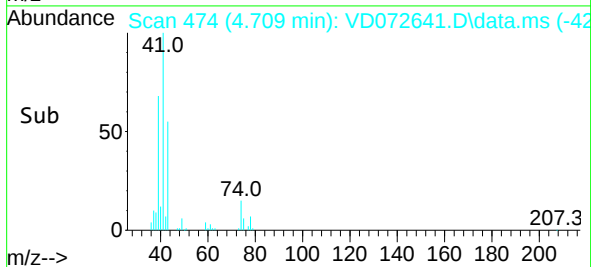
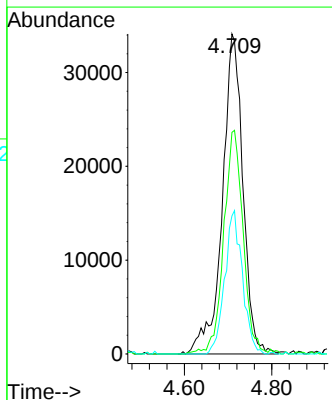
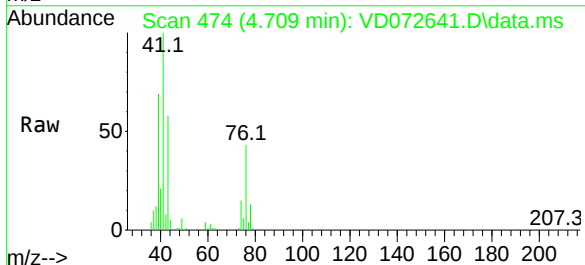
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

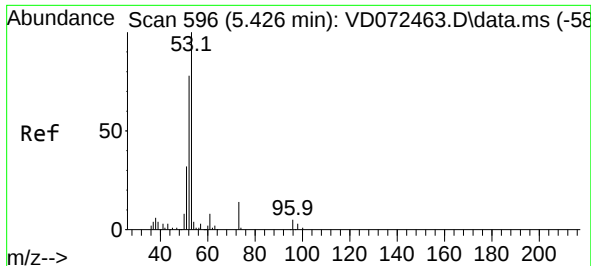
Tgt Ion: 56 Resp: 13632
Ion Ratio Lower Upper
56 100
55 69.5 57.1 85.7



#14
Allyl chloride
Concen: 20.470 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 41 Resp: 111307
Ion Ratio Lower Upper
41 100
39 63.8 59.3 88.9
76 38.5 25.7 38.5

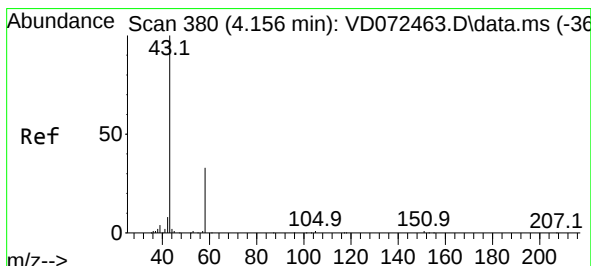
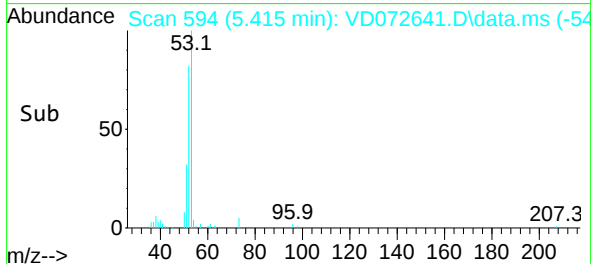
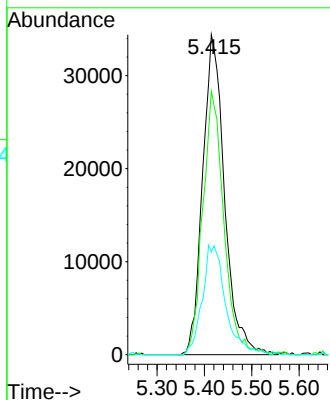
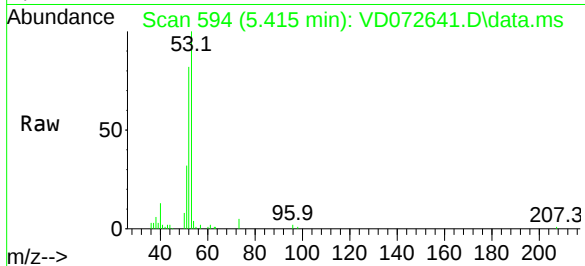




#15
Acrylonitrile
Concen: 121.023 ug/l
RT: 5.415 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

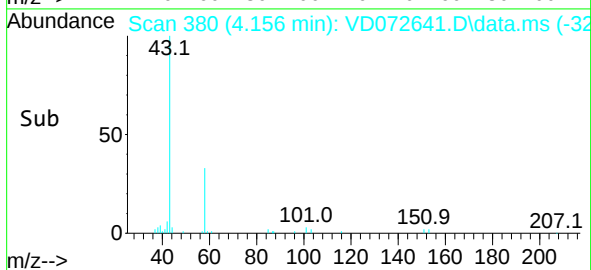
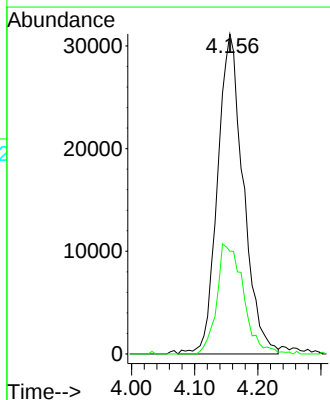
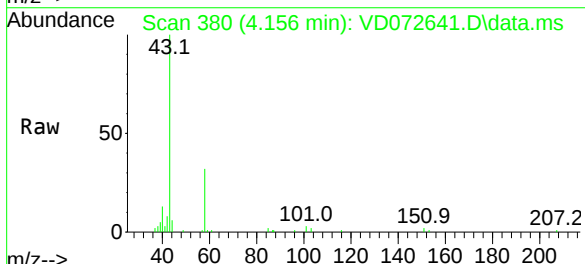
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

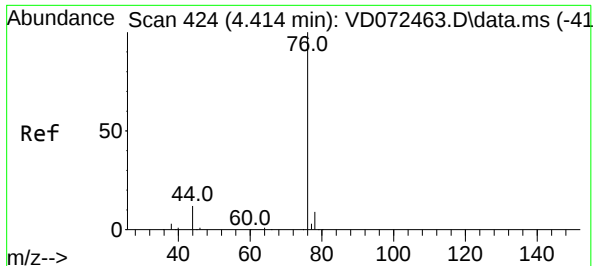
Tgt Ion: 53 Resp: 110494
Ion Ratio Lower Upper
53 100
52 78.8 67.2 100.8
51 36.5 30.3 45.5



#16
Acetone
Concen: 109.900 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 43 Resp: 88406
Ion Ratio Lower Upper
43 100
58 32.2 22.1 33.1

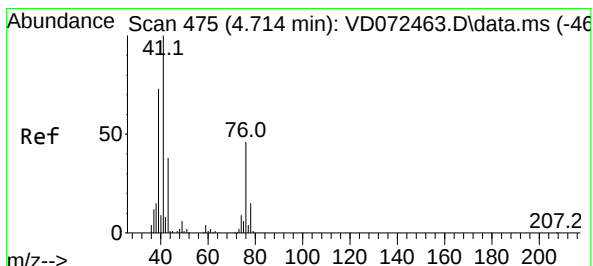
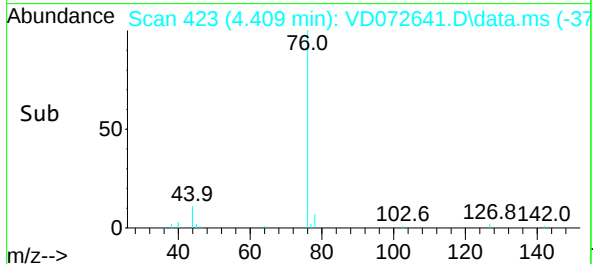
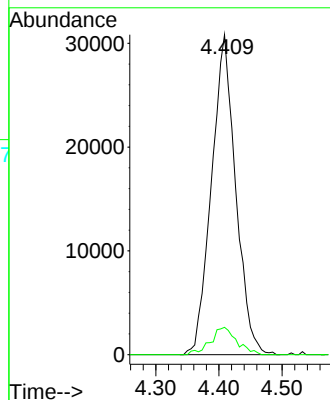
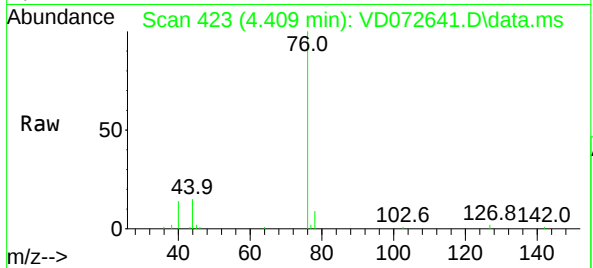




#17
Carbon Disulfide
Concen: 14.610 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

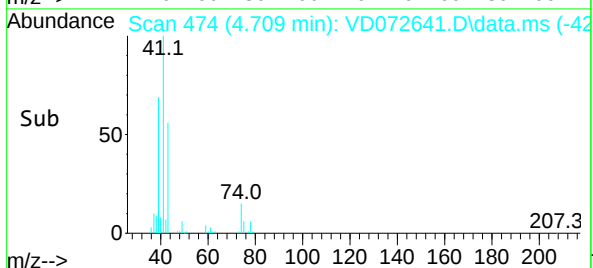
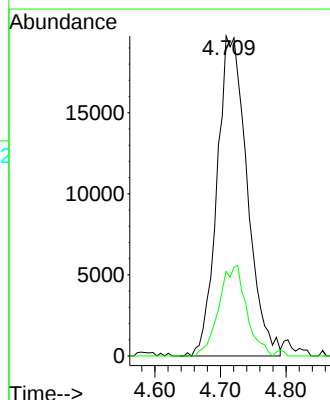
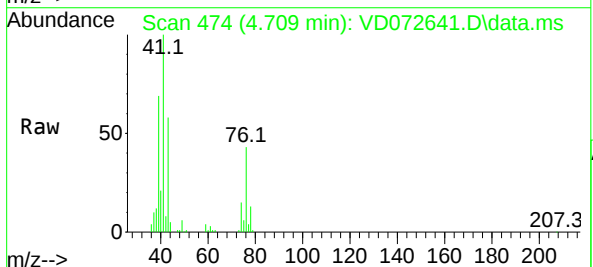
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

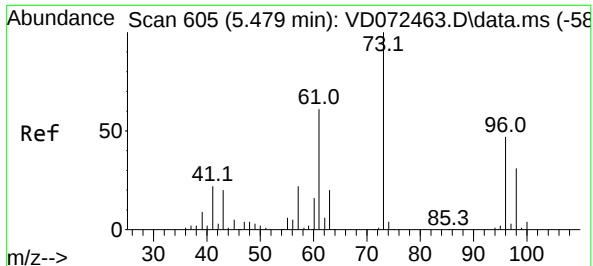
Tgt Ion: 76 Resp: 82153
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 27.685 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 43 Resp: 62741
Ion Ratio Lower Upper
43 100
74 26.0 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 23.766 ug/l

RT: 5.473 min Scan# 605

Delta R.T. -0.006 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

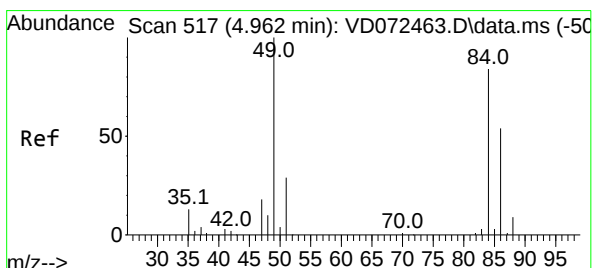
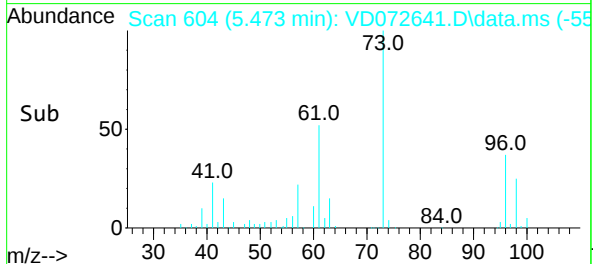
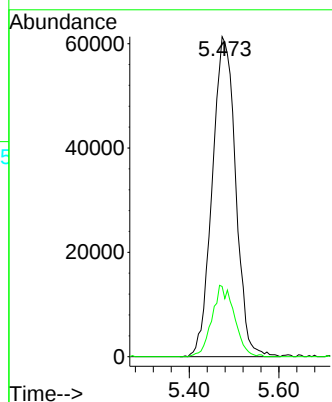
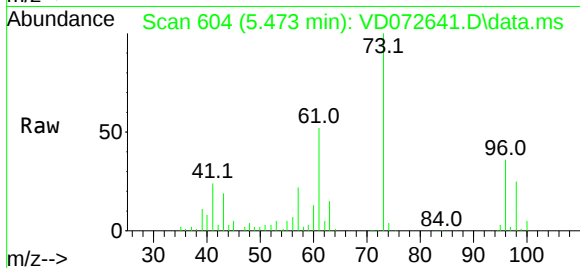
VD0420SBS01

Tgt Ion: 73 Resp: 222194

Ion Ratio Lower Upper

73 100

57 22.0 18.0 27.0



#20

Methylene Chloride

Concen: 25.261 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Tgt Ion: 84 Resp: 120974

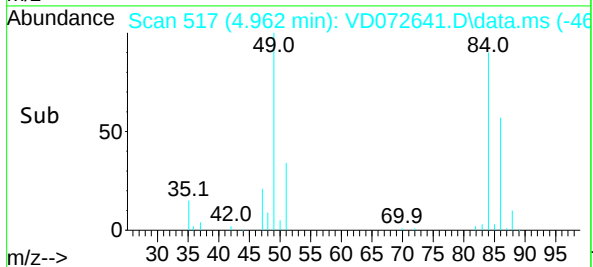
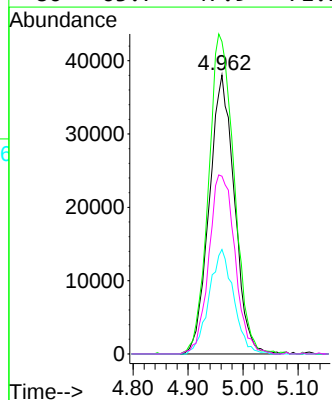
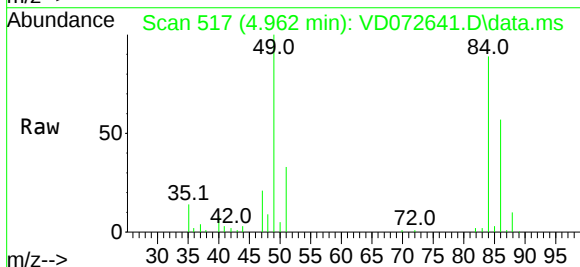
Ion Ratio Lower Upper

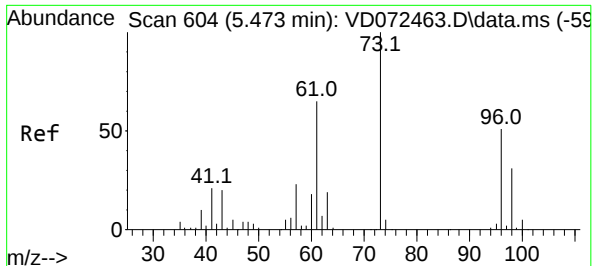
84 100

49 112.0 112.8 169.2#

51 37.5 32.6 48.8

86 63.7 47.9 71.9

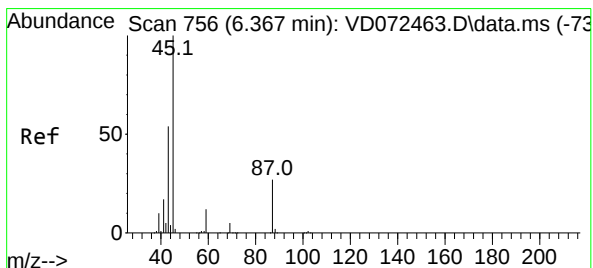
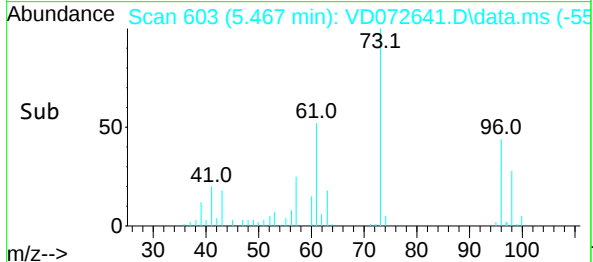
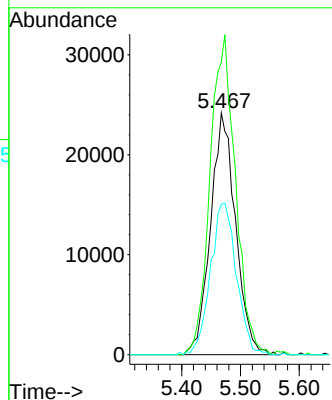
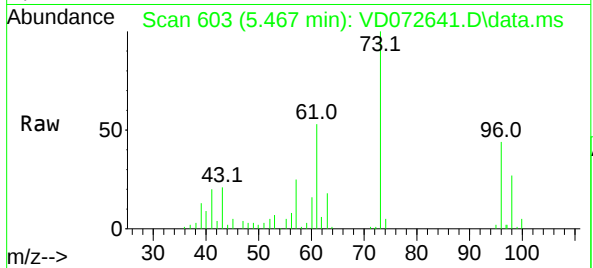




#21
trans-1,2-Dichloroethene
Concen: 18.786 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

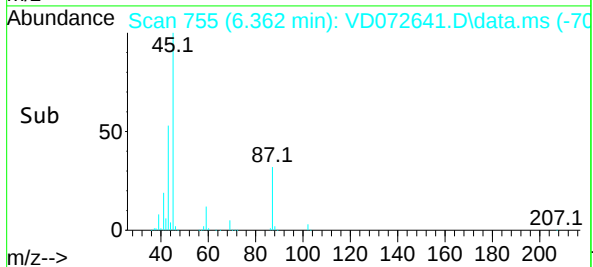
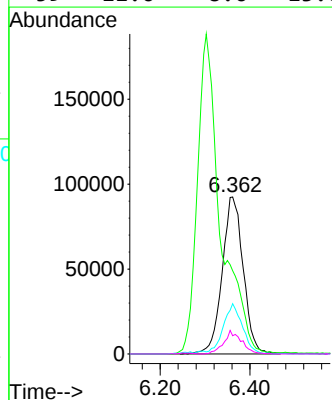
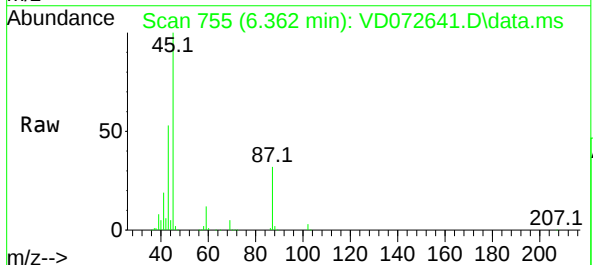
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

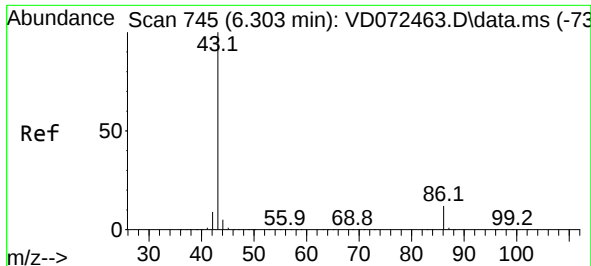
Tgt Ion: 96 Resp: 71577
Ion Ratio Lower Upper
96 100
61 121.0 117.9 176.9
98 62.2 49.4 74.2



#22
Diisopropyl ether
Concen: 23.466 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 45 Resp: 301995
Ion Ratio Lower Upper
45 100
43 52.3 46.6 70.0
87 31.9 18.4 27.6#
59 11.6 8.6 13.0

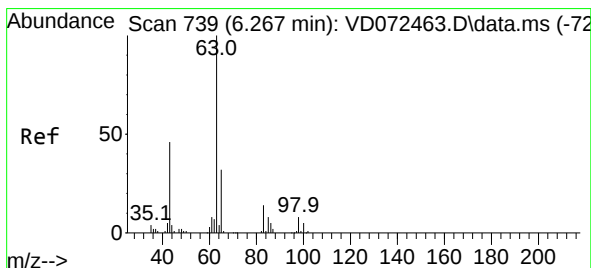
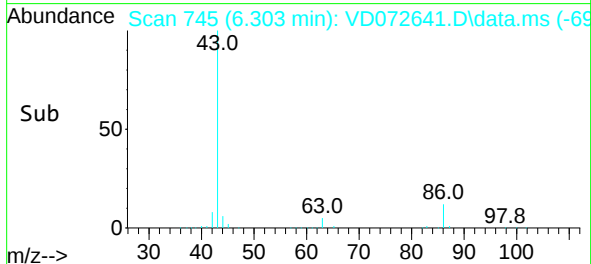
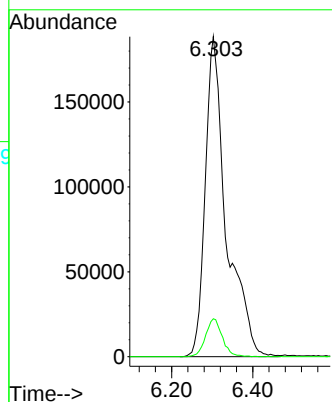
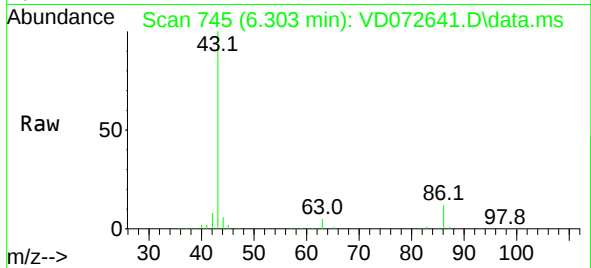




#23
 Vinyl Acetate
 Concen: 101.699 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072641.D
 Acq: 20 Apr 2022 12:22

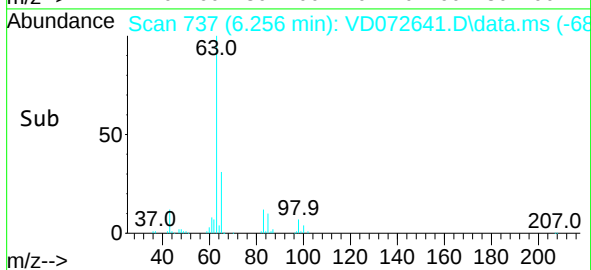
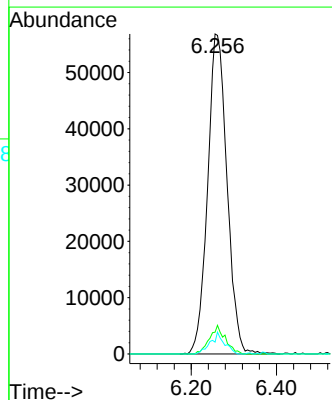
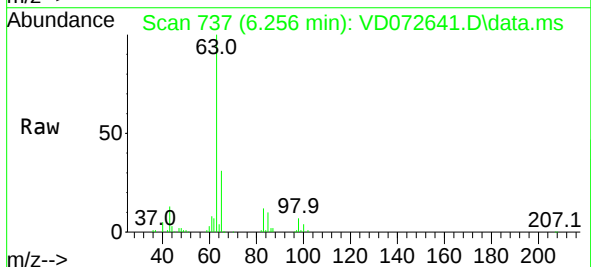
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBS01

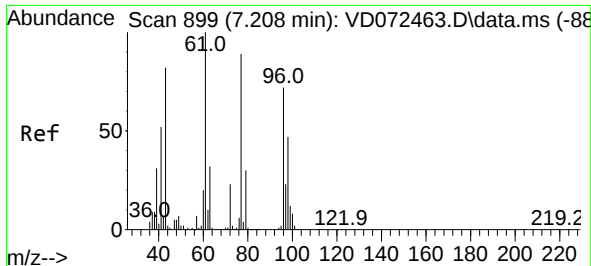
Tgt Ion: 43 Resp: 677458
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 23.148 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.012 min
 Lab File: VD072641.D
 Acq: 20 Apr 2022 12:22

Tgt Ion: 63 Resp: 179507
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 3.7 2.1 6.5

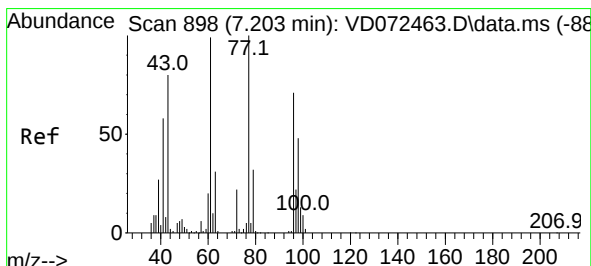
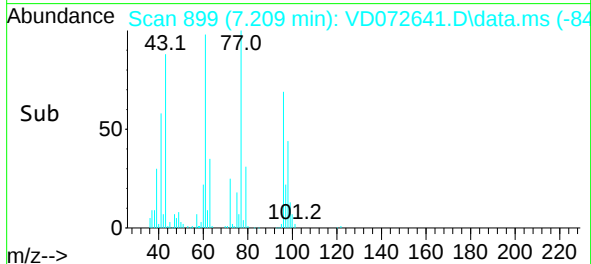
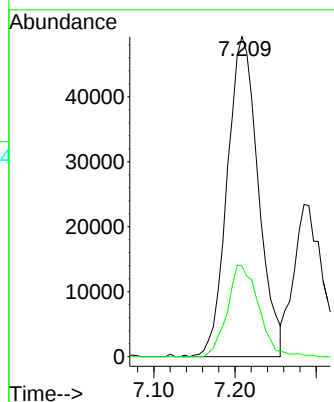
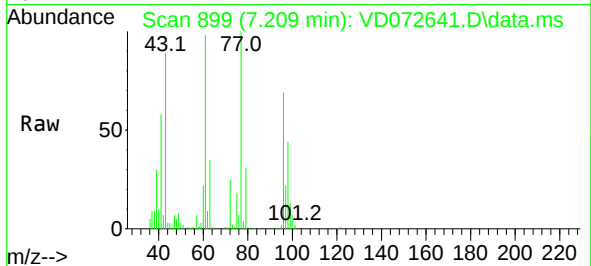




#25
2-Butanone
Concen: 117.733 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

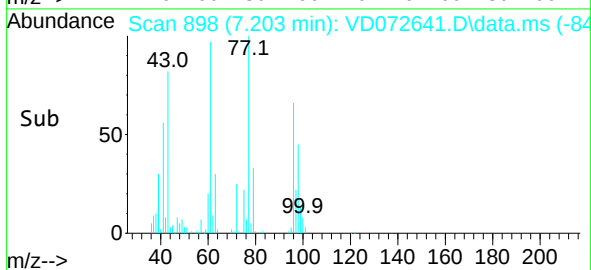
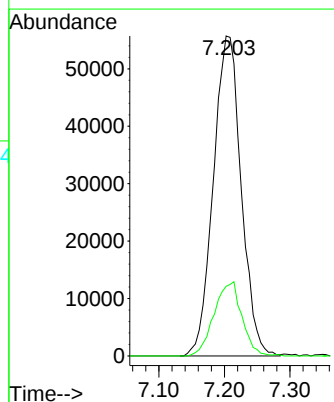
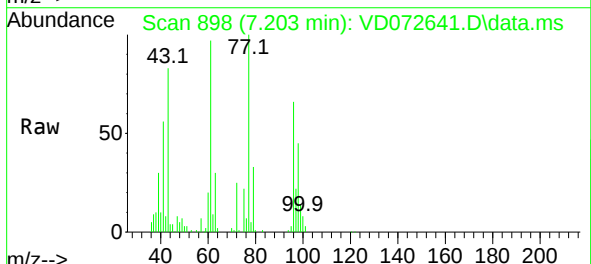
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

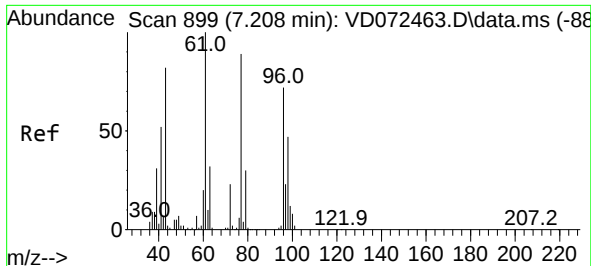
Tgt Ion: 43 Resp: 130983
Ion Ratio Lower Upper
43 100
72 28.4 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 23.849 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 77 Resp: 164272
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.4

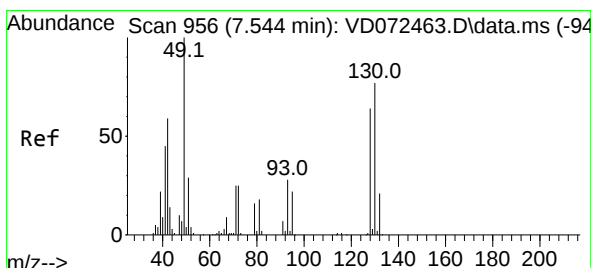
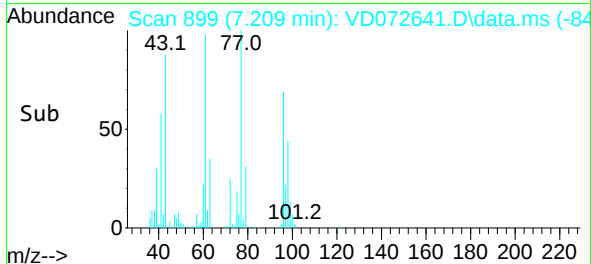
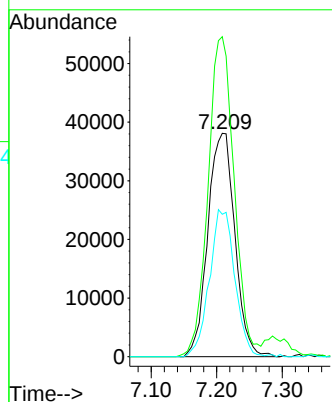
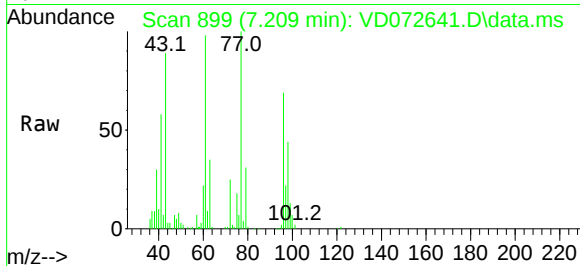




#27
 cis-1,2-Dichloroethene
 Concen: 22.416 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD072641.D
 Acq: 20 Apr 2022 12:22

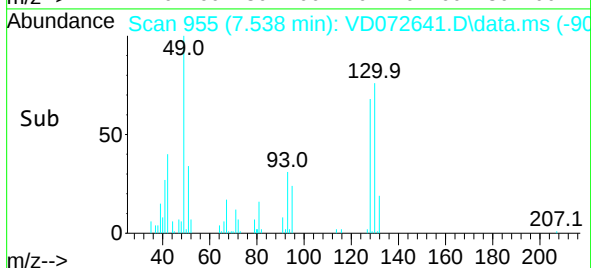
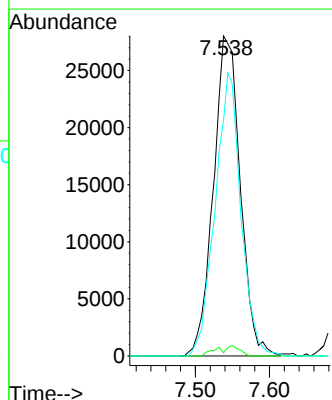
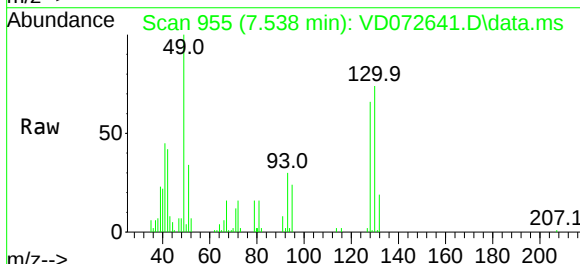
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBS01

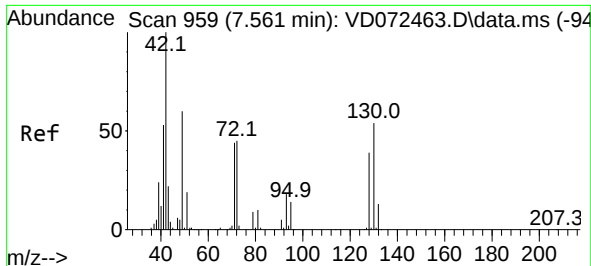
Tgt Ion: 96 Resp: 109019
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 313.8
 98 61.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.266 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072641.D
 Acq: 20 Apr 2022 12:22

Tgt Ion: 49 Resp: 70661
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.0
 130 84.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 116.850 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

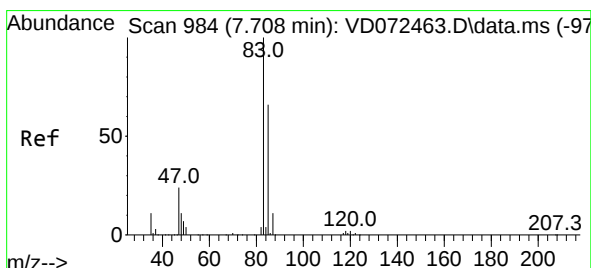
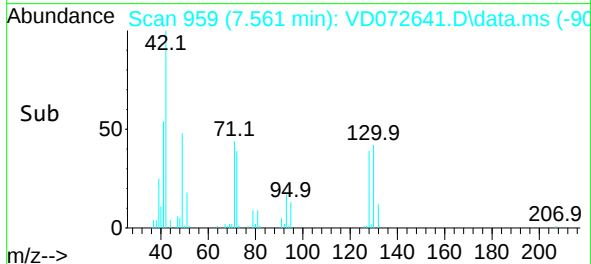
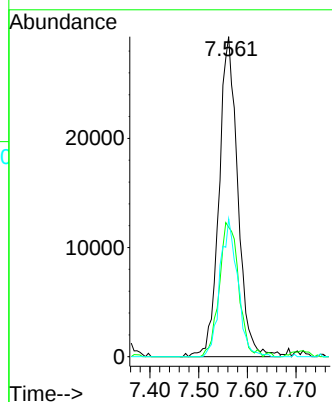
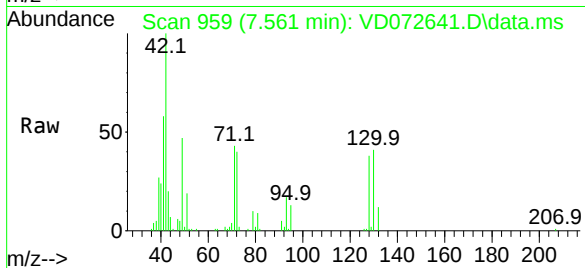
Tgt Ion: 42 Resp: 78487

Ion Ratio Lower Upper

42 100

72 43.3 30.7 46.1

71 40.6 28.6 43.0



#30

Chloroform

Concen: 24.138 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD072641.D

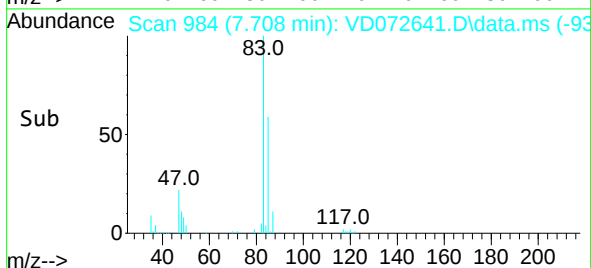
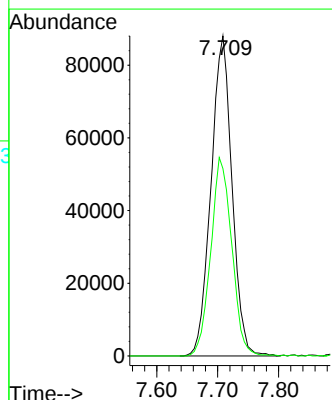
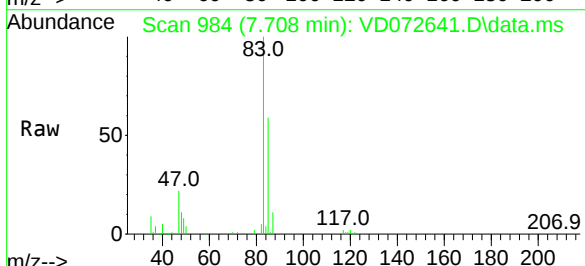
Acq: 20 Apr 2022 12:22

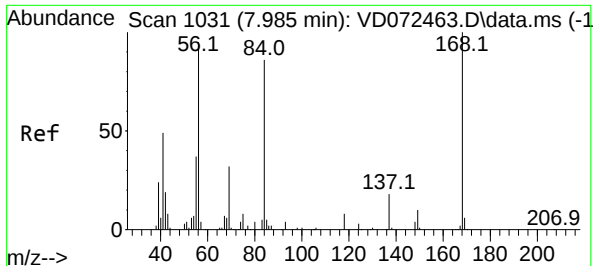
Tgt Ion: 83 Resp: 210567

Ion Ratio Lower Upper

83 100

85 58.5 52.7 79.1

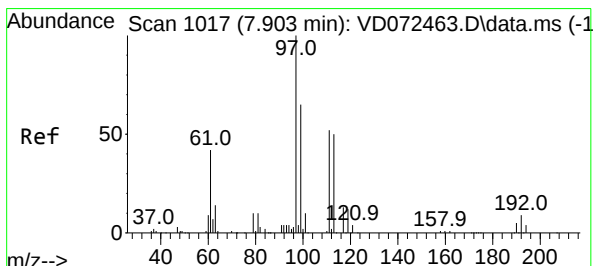
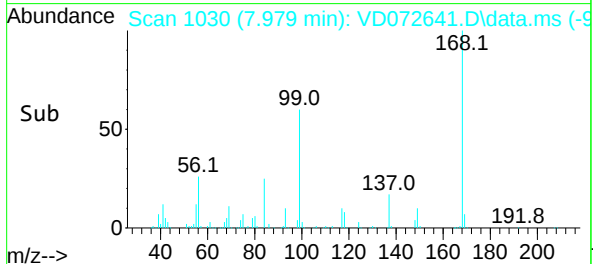
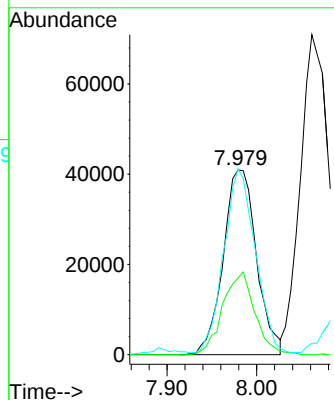
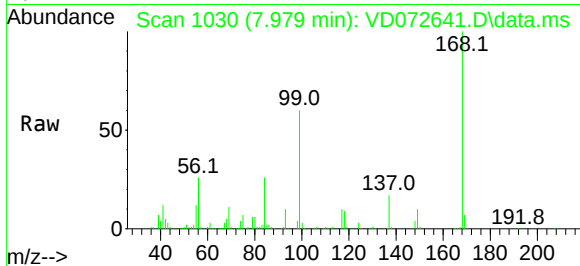




#31
Cyclohexane
Concen: 18.745 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

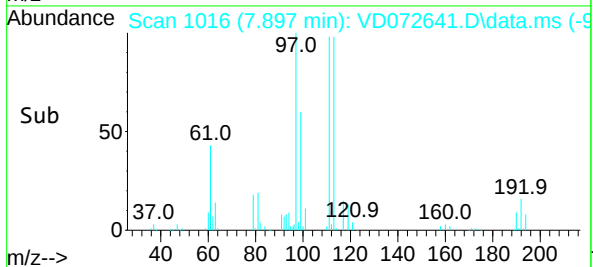
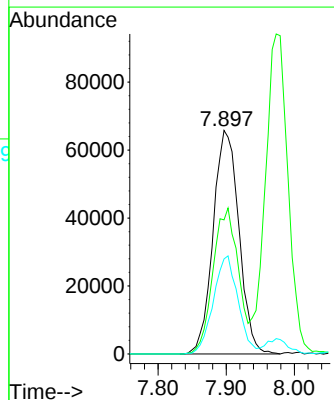
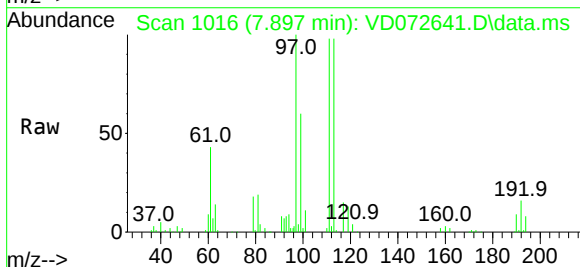
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

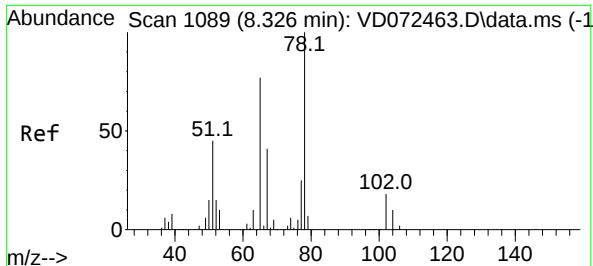
Tgt Ion: 56 Resp: 105738
Ion Ratio Lower Upper
56 100
69 40.5 25.4 38.2#
84 99.1 63.0 94.4#



#32
1,1,1-Trichloroethane
Concen: 23.440 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 97 Resp: 173430
Ion Ratio Lower Upper
97 100
99 63.8 52.4 78.6
61 41.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 47.474 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

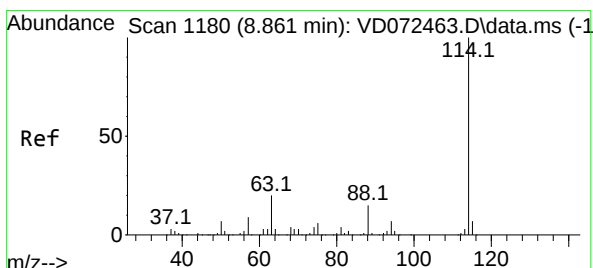
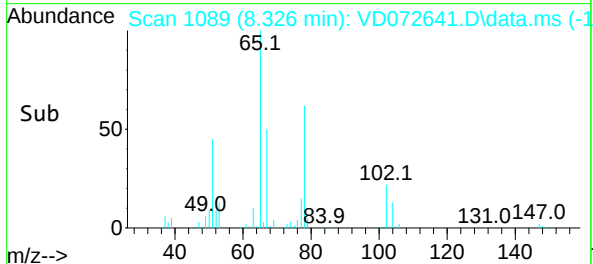
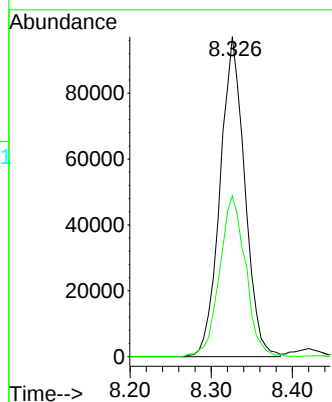
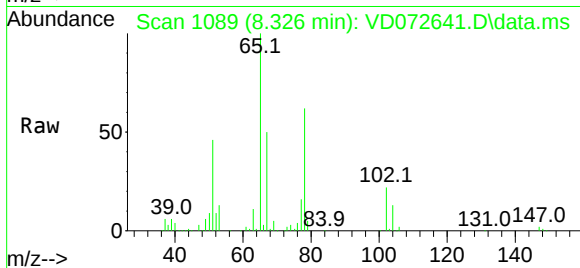
VD0420SBS01

Tgt Ion: 65 Resp: 204805

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

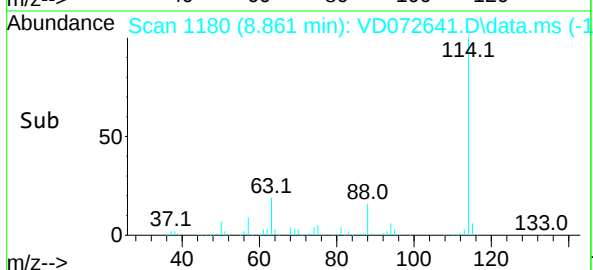
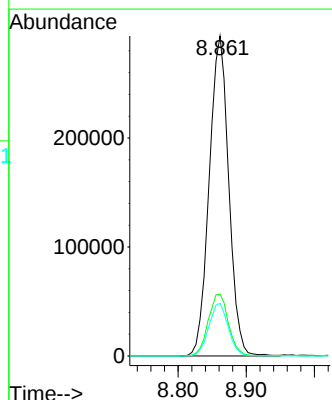
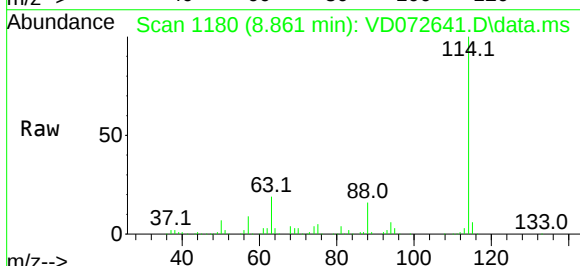
Tgt Ion: 114 Resp: 585486

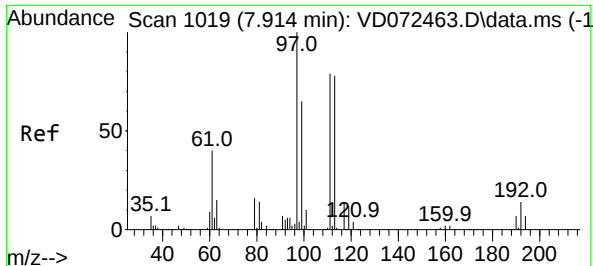
Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 16.5 0.0 33.2

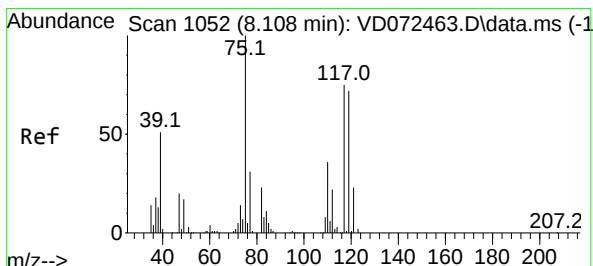
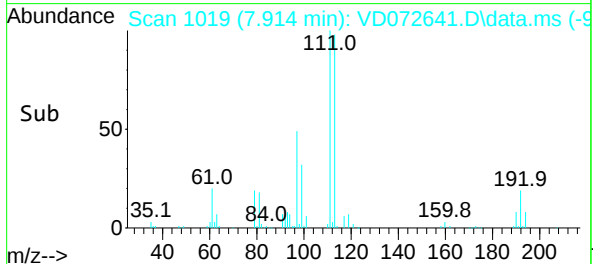
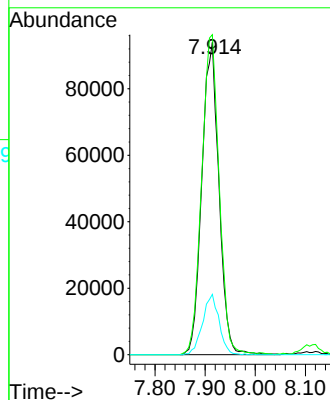
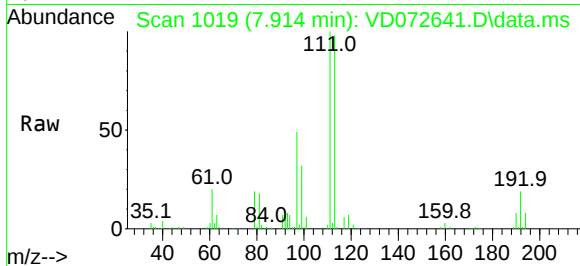




#35
Dibromofluoromethane
Concen: 48.860 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

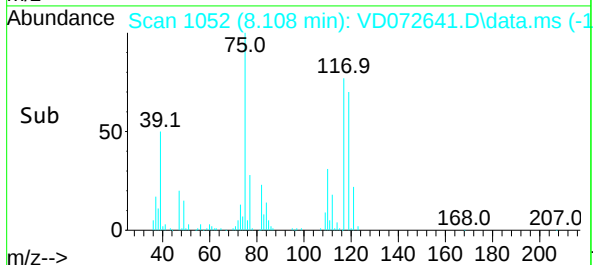
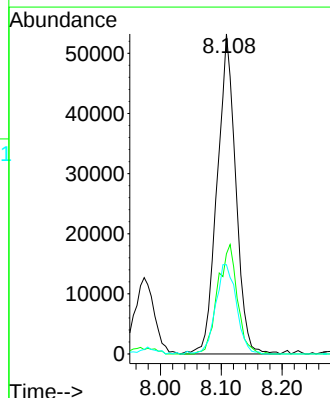
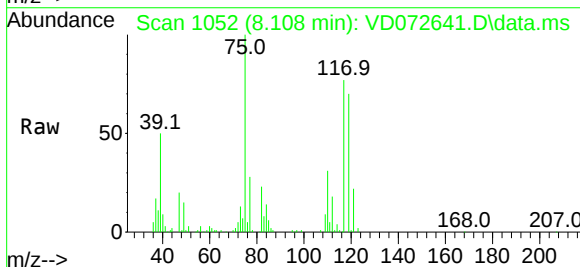
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

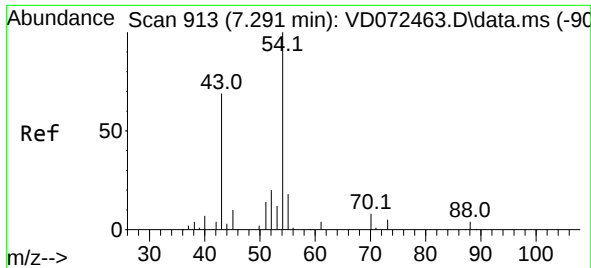
Tgt Ion:113 Resp: 222316
Ion Ratio Lower Upper
113 100
111 105.0 83.8 125.6
192 18.6 14.6 21.8



#36
1,1-Dichloropropene
Concen: 20.118 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 75 Resp: 112983
Ion Ratio Lower Upper
75 100
110 35.9 16.4 49.1
77 31.0 24.2 36.2

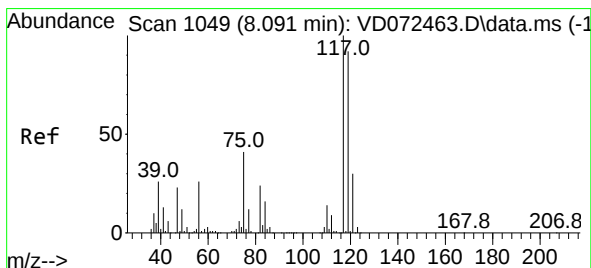
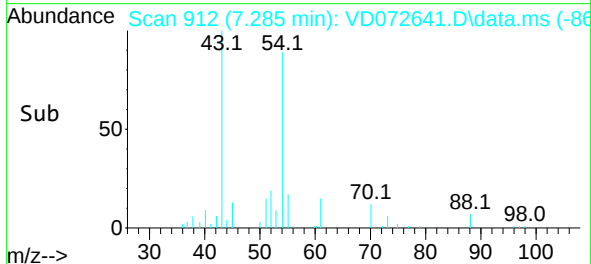
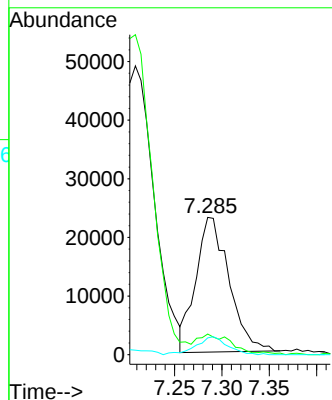
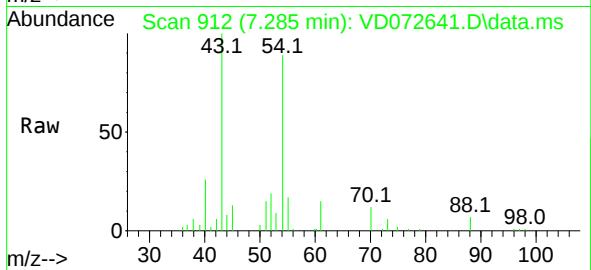




#37
Ethyl Acetate
Concen: 23.267 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

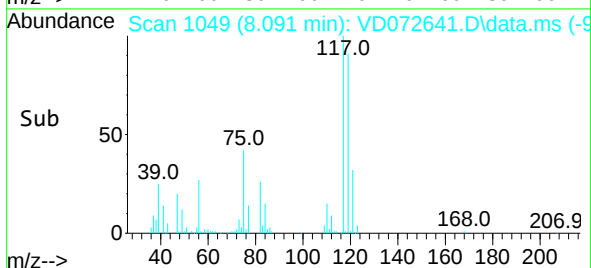
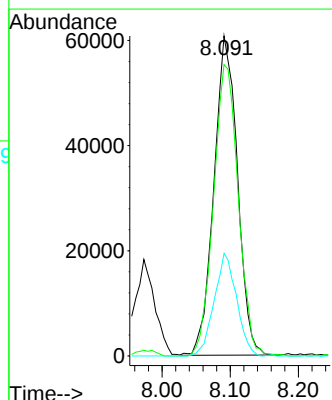
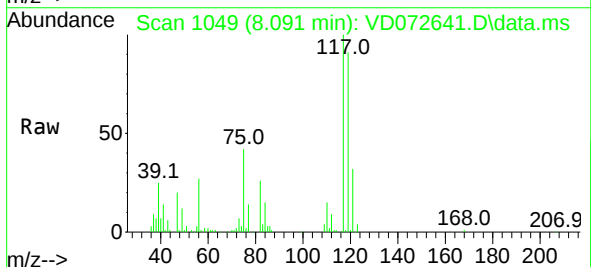
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

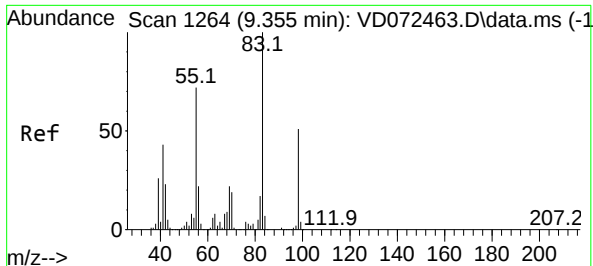
Tgt Ion: 43 Resp: 56095
Ion Ratio Lower Upper
43 100
61 12.9 9.8 14.8
70 12.6 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 23.310 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 117 Resp: 146117
Ion Ratio Lower Upper
117 100
119 91.3 75.8 113.6
121 32.1 24.5 36.7





#39

Methylcyclohexane

Concen: 18.440 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

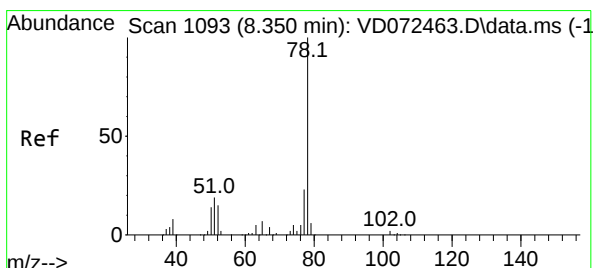
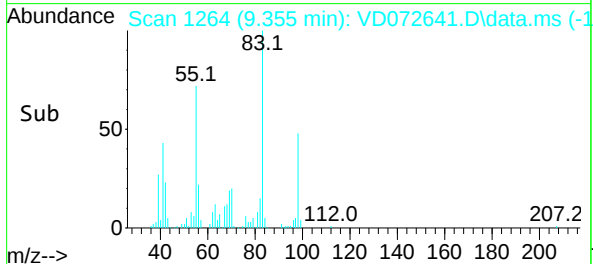
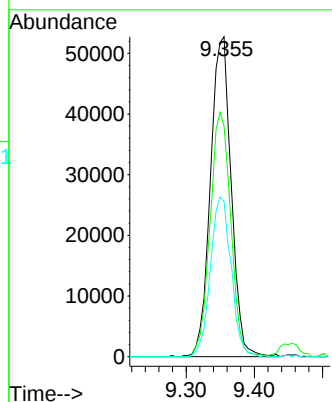
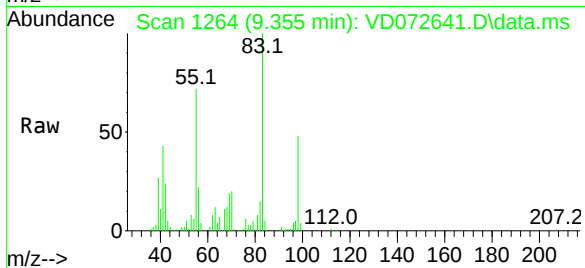
Tgt Ion: 83 Resp: 111822

Ion Ratio Lower Upper

83 100

55 72.1 63.2 94.8

98 48.5 38.2 57.4



#40

Benzene

Concen: 22.158 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072641.D

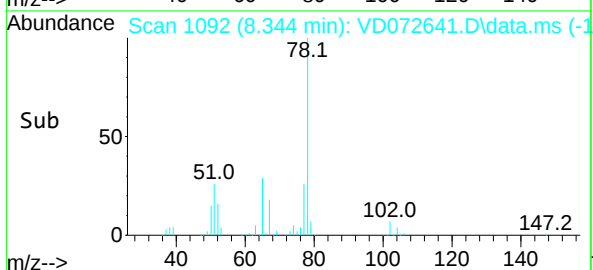
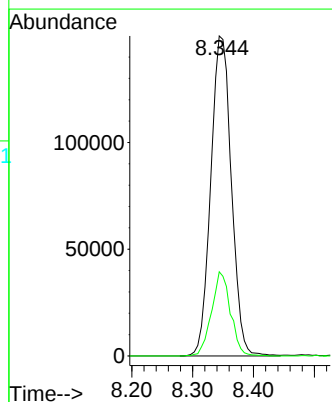
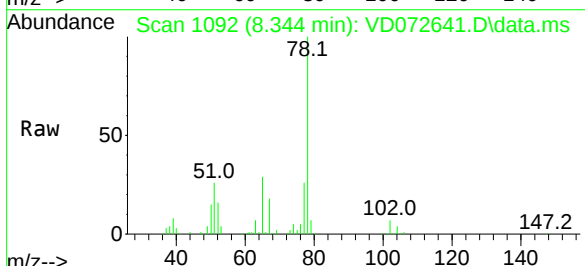
Acq: 20 Apr 2022 12:22

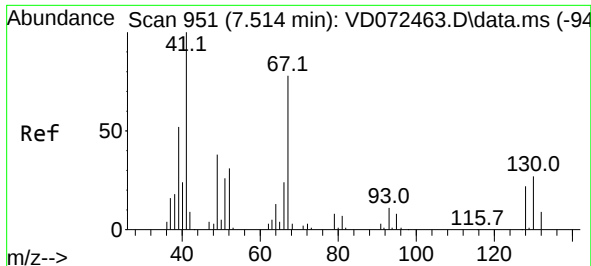
Tgt Ion: 78 Resp: 352097

Ion Ratio Lower Upper

78 100

77 26.3 19.1 28.7



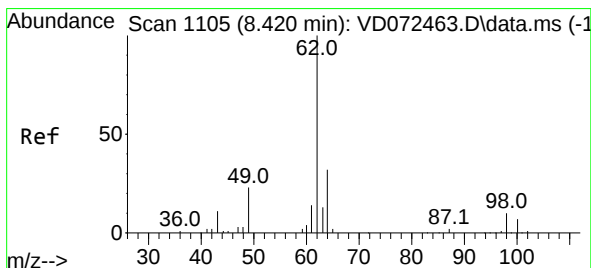
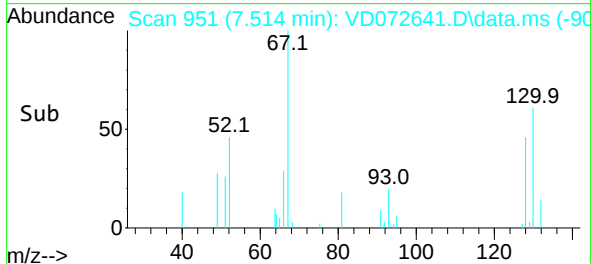
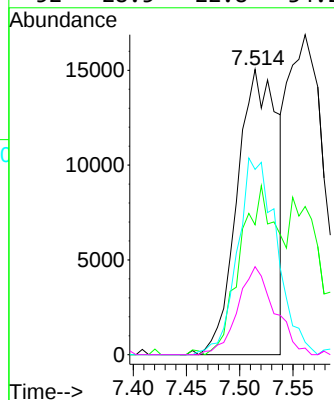
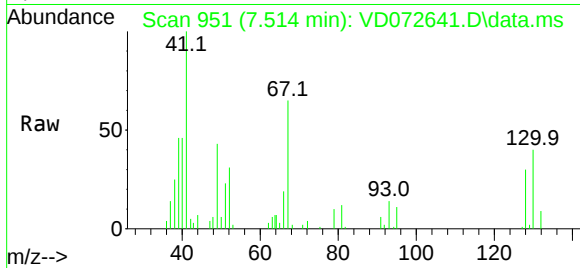


#41
Methacrylonitrile
Concen: 28.658 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

Tgt Ion: 41 Resp: 39347

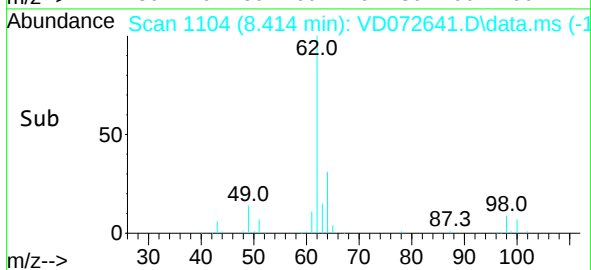
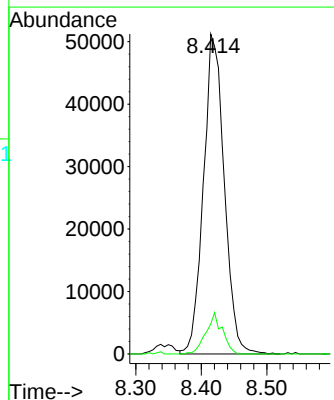
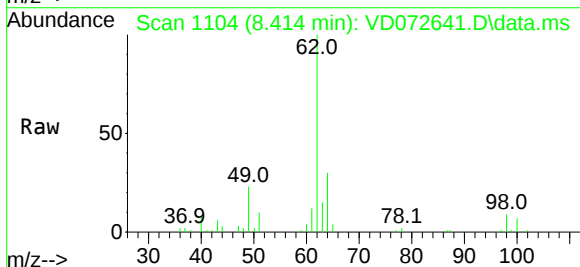
Ion	Ratio	Lower	Upper
41	100		
39	57.8	44.6	67.0
67	67.4	48.2	72.4
52	28.5	22.8	34.2

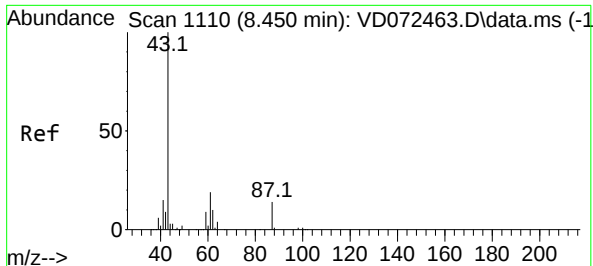


#42
1,2-Dichloroethane
Concen: 23.302 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 62 Resp: 113177

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	17.6





#43

Isopropyl Acetate

Concen: 24.359 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

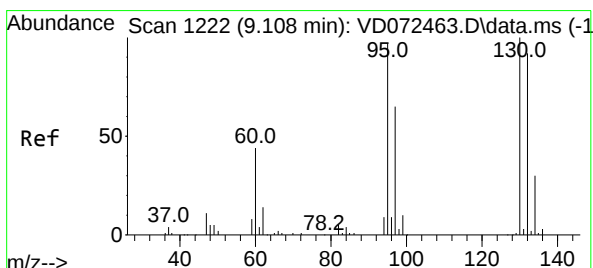
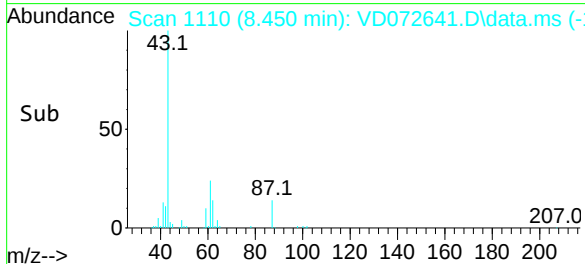
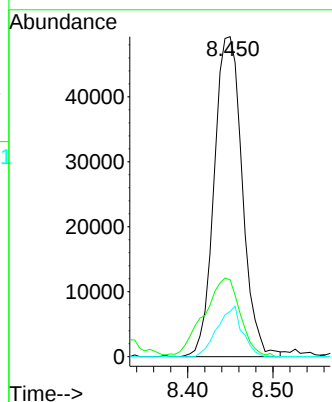
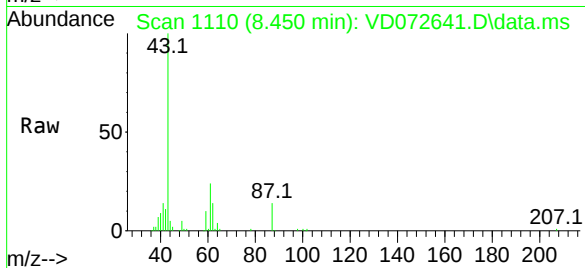
Tgt Ion: 43 Resp: 112653

Ion Ratio Lower Upper

43 100

61 32.0 22.4 33.6

87 14.0 8.7 13.1#



#44

Trichloroethene

Concen: 21.689 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD072641.D

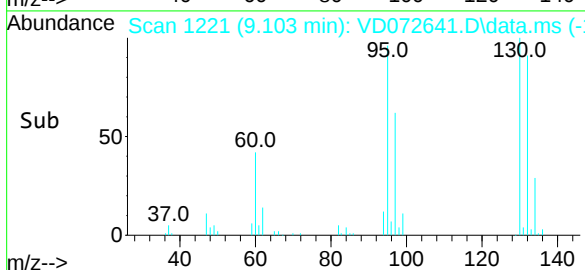
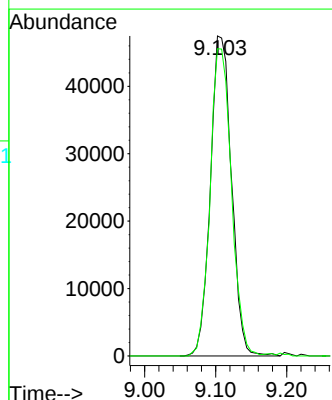
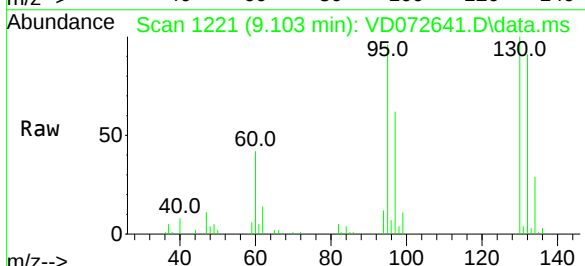
Acq: 20 Apr 2022 12:22

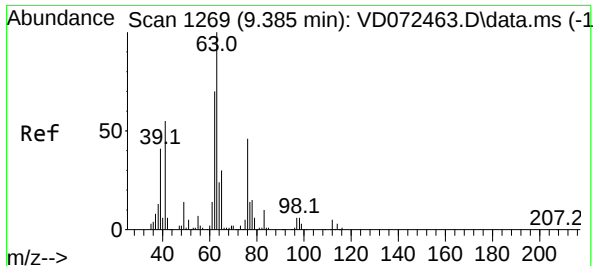
Tgt Ion:130 Resp: 97844

Ion Ratio Lower Upper

130 100

95 96.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 24.237 ug/l

RT: 9.379 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

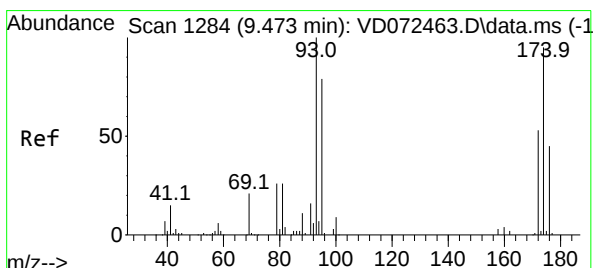
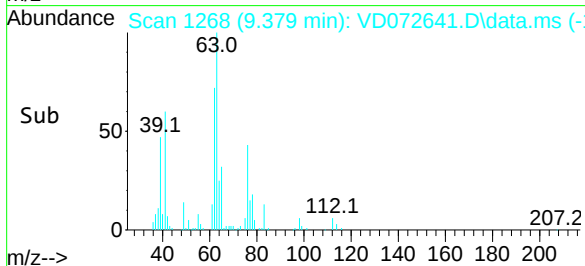
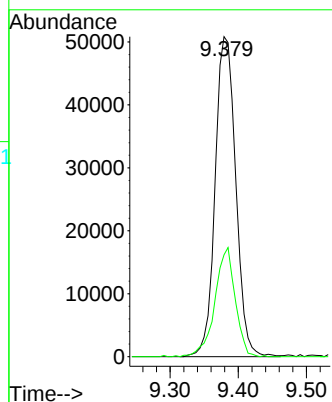
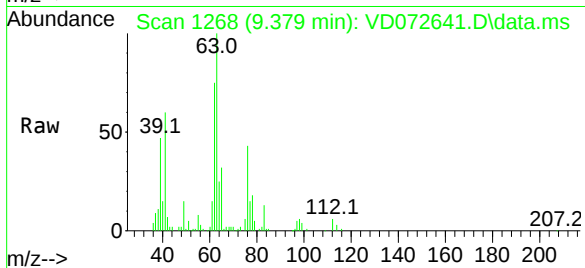
VD0420SBS01

Tgt Ion: 63 Resp: 107137

Ion Ratio Lower Upper

63 100

65 31.8 26.2 39.4



#46

Dibromomethane

Concen: 23.018 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

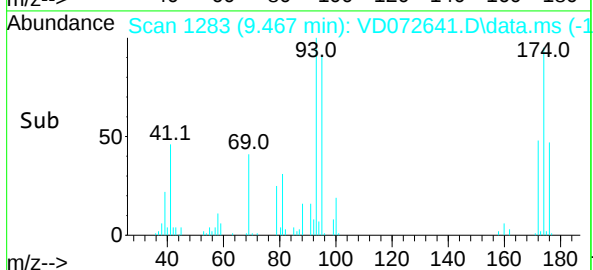
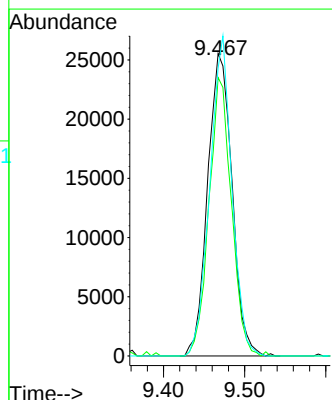
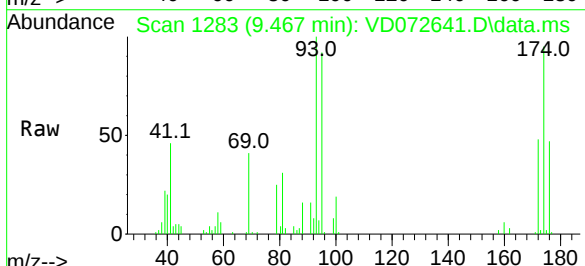
Tgt Ion: 93 Resp: 53382

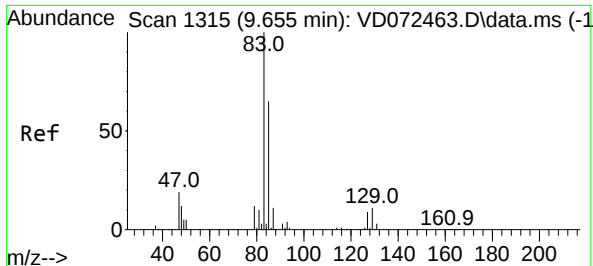
Ion Ratio Lower Upper

93 100

95 84.5 66.7 100.1

174 95.8 71.6 107.4





#47

Bromodichloromethane

Concen: 24.620 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

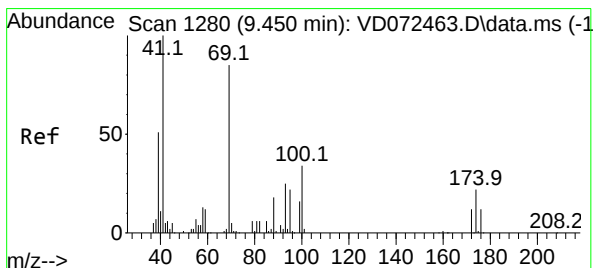
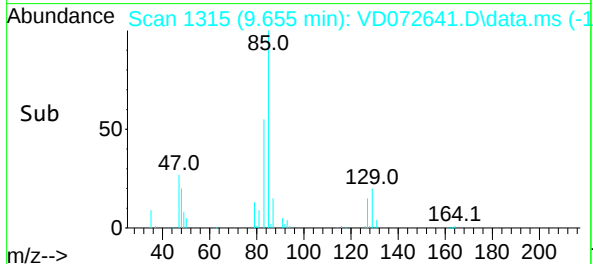
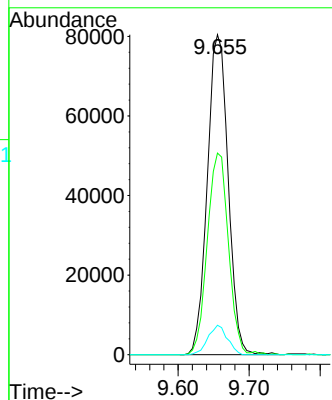
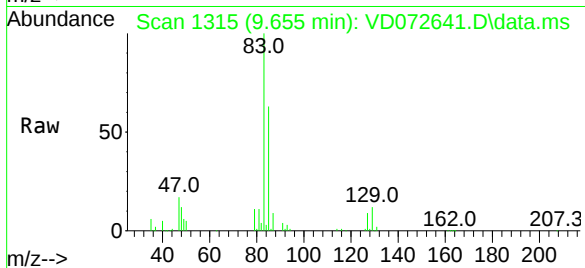
Tgt Ion: 83 Resp: 164034

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

127 9.2 6.1 9.1#



#48

Methyl methacrylate

Concen: 22.593 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

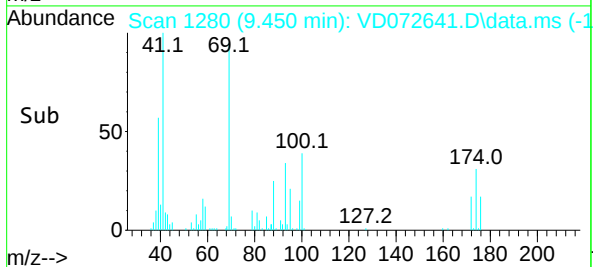
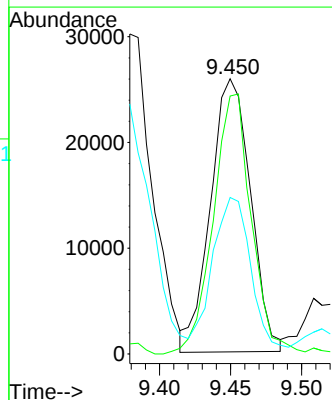
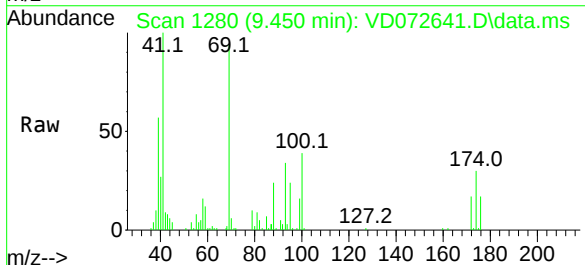
Tgt Ion: 41 Resp: 50726

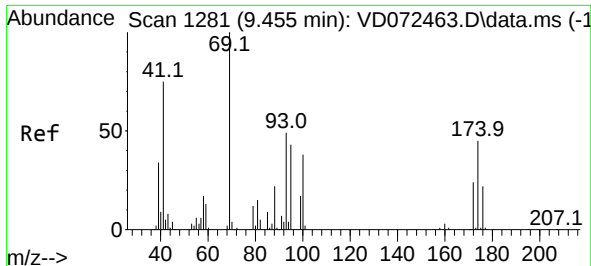
Ion Ratio Lower Upper

41 100

69 90.6 56.7 85.1#

39 56.0 42.7 64.1

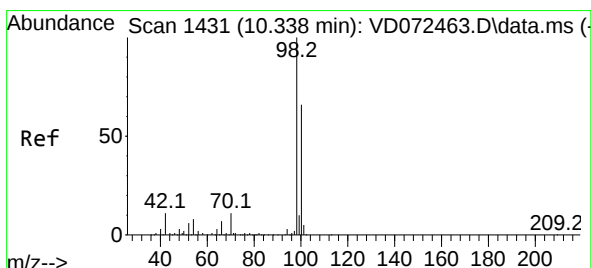
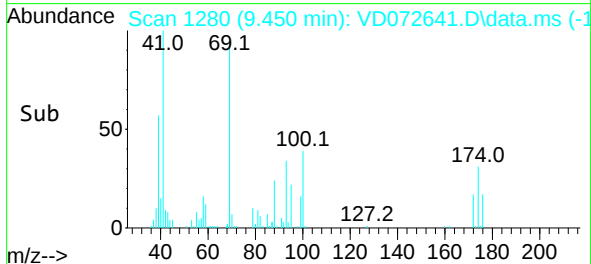
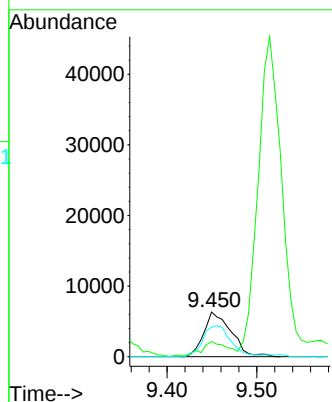
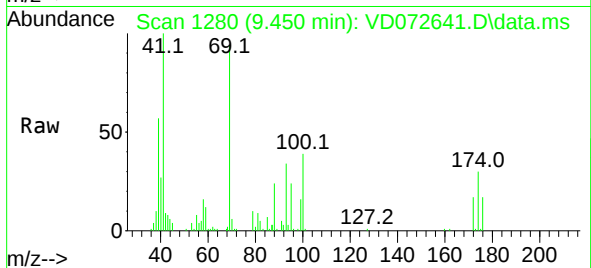




#49
1,4-Dioxane
Concen: 485.221 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

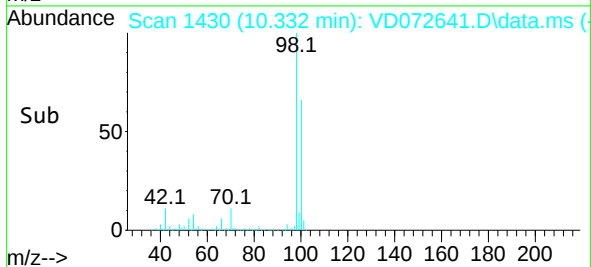
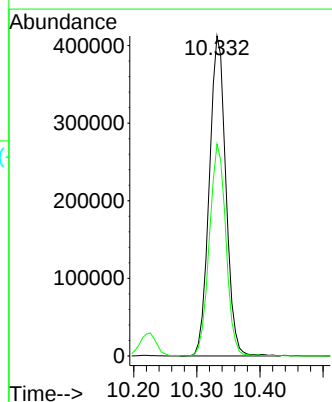
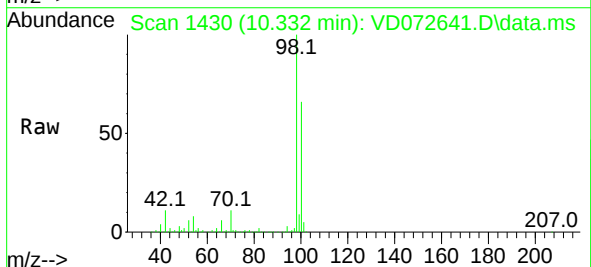
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

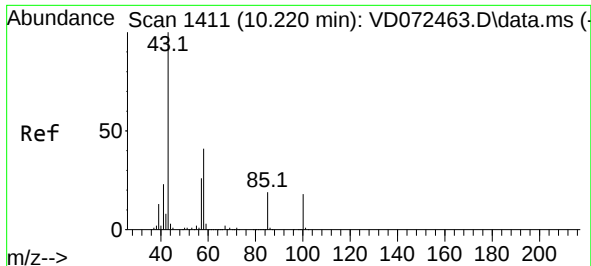
Tgt Ion: 88 Resp: 13386
Ion Ratio Lower Upper
88 100
43 34.1 31.0 46.4
58 72.1 58.1 87.1



#50
Toluene-d8
Concen: 47.479 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 98 Resp: 750945
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

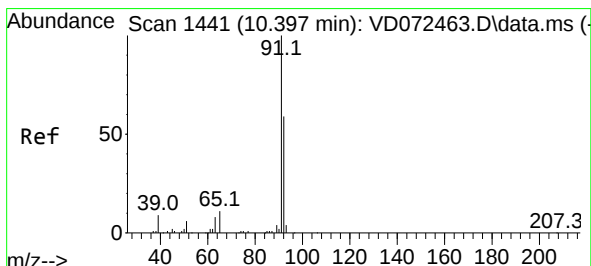
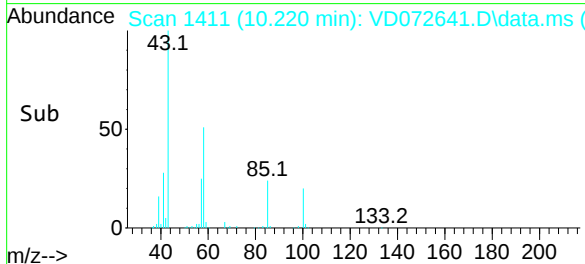
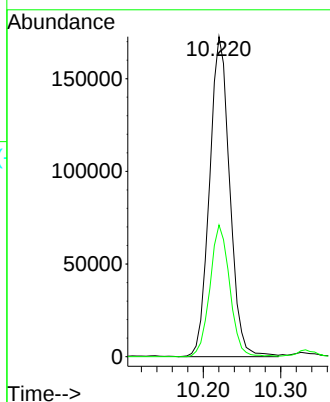
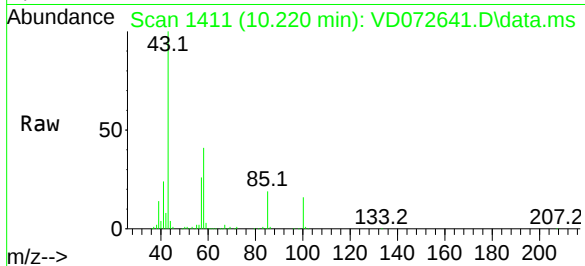




#51
4-Methyl-2-Pentanone
Concen: 126.484 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

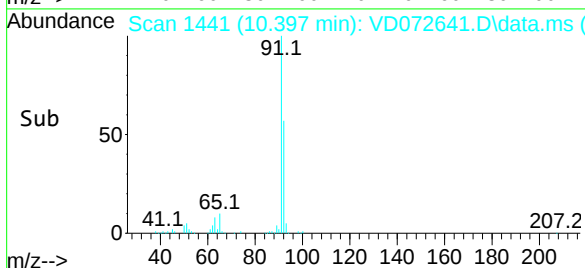
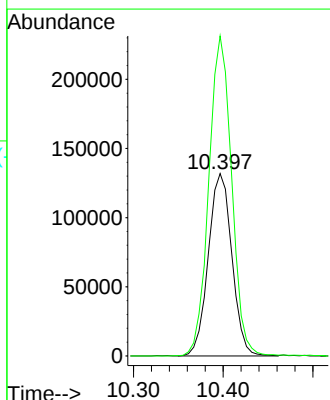
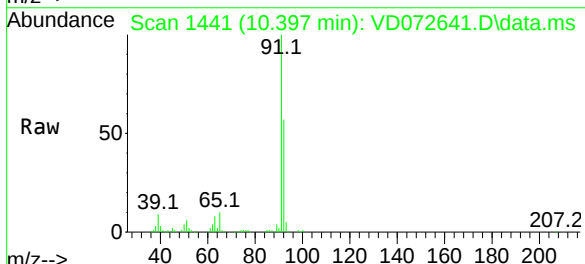
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

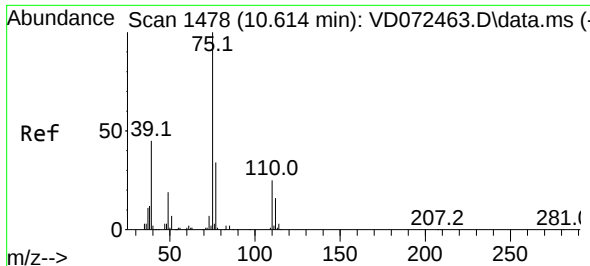
Tgt Ion: 43 Resp: 313866
Ion Ratio Lower Upper
43 100
58 40.3 28.6 43.0



#52
Toluene
Concen: 22.788 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 92 Resp: 240567
Ion Ratio Lower Upper
92 100
91 170.5 139.6 209.4

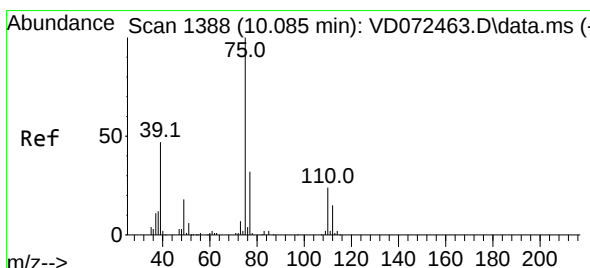
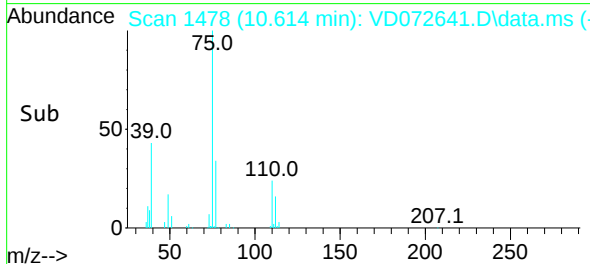
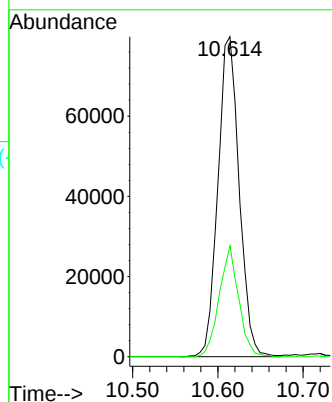
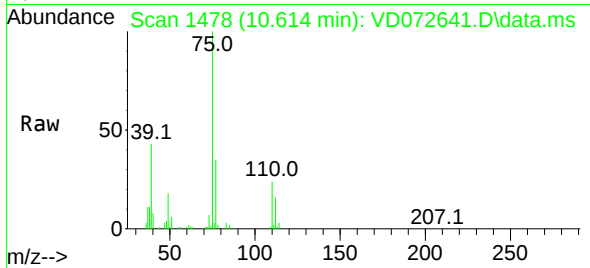




#53
 t-1,3-Dichloropropene
 Concen: 23.864 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD072641.D
 Acq: 20 Apr 2022 12:22

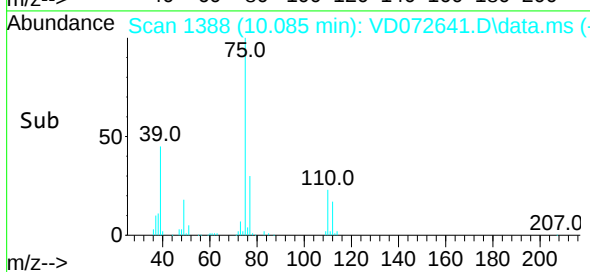
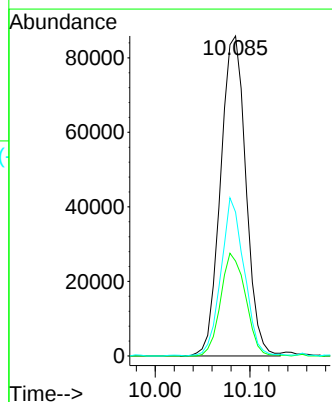
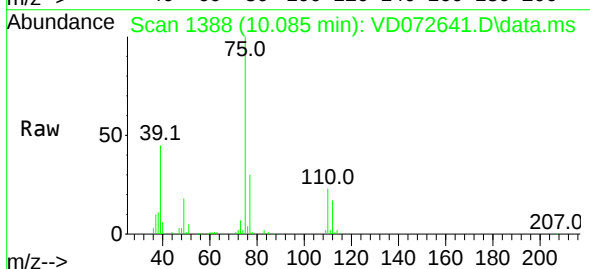
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBS01

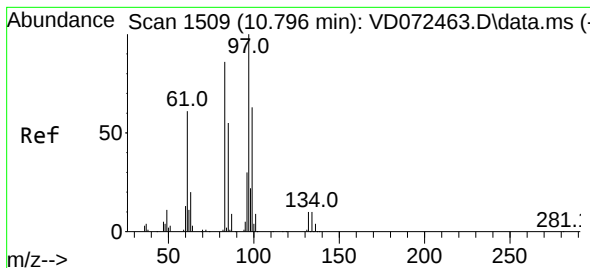
Tgt Ion: 75 Resp: 138553
 Ion Ratio Lower Upper
 75 100
 77 34.7 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 23.243 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD072641.D
 Acq: 20 Apr 2022 12:22

Tgt Ion: 75 Resp: 159549
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.8 37.2
 39 44.7 46.8 70.2#





#55

1,1,2-Trichloroethane

Concen: 25.522 ug/l

RT: 10.791 min Scan# 1509

Delta R.T. -0.006 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

Tgt Ion: 97 Resp: 89733

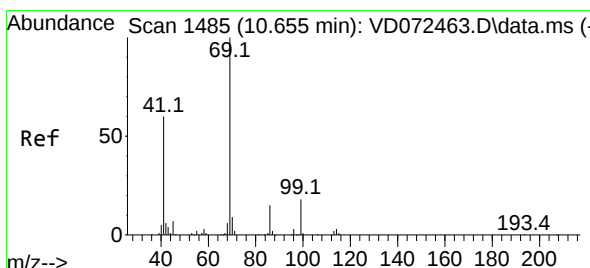
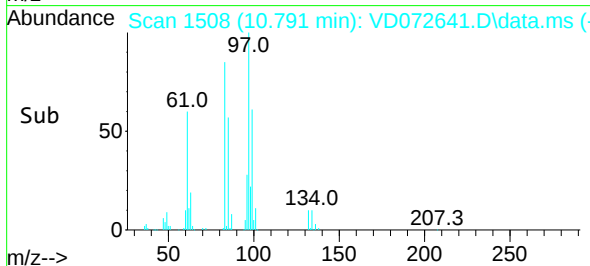
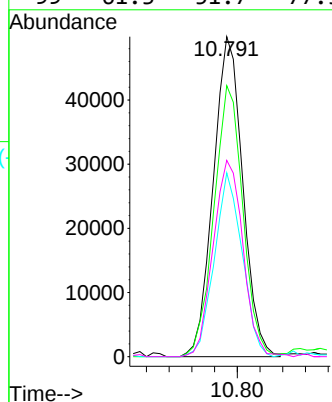
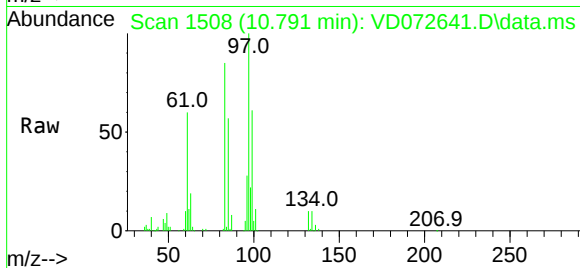
Ion Ratio Lower Upper

97 100

83 84.7 69.0 103.4

85 57.5 42.6 63.8

99 61.3 51.7 77.5



#56

Ethyl methacrylate

Concen: 22.332 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

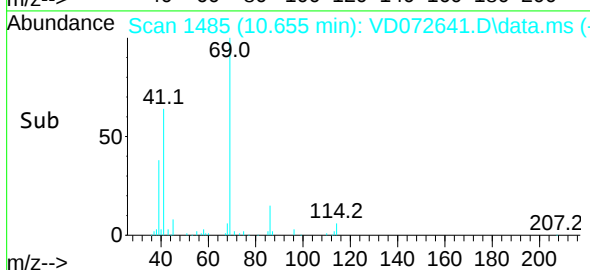
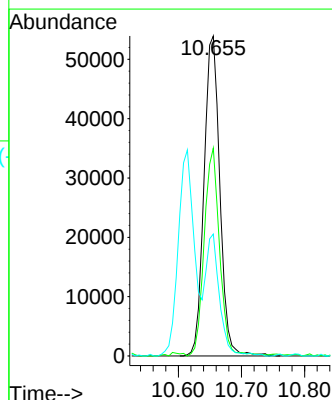
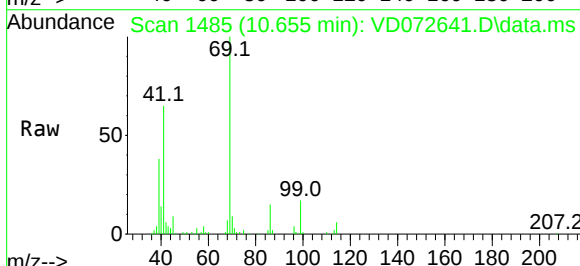
Tgt Ion: 69 Resp: 93626

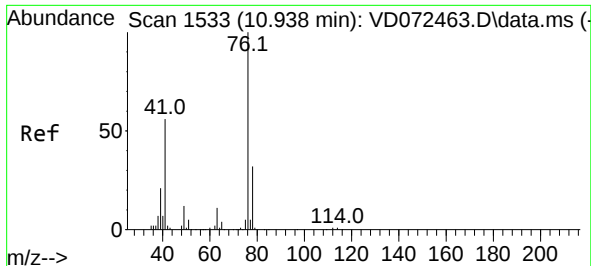
Ion Ratio Lower Upper

69 100

41 63.4 63.0 94.6

39 32.7 33.8 50.8#





#57

1,3-Dichloropropane

Concen: 24.227 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

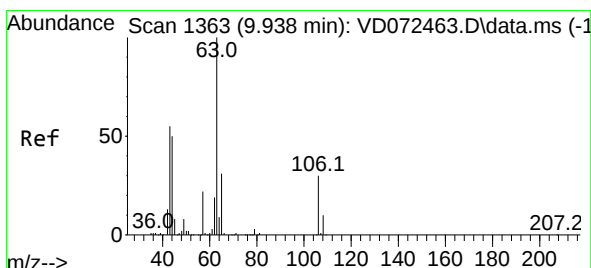
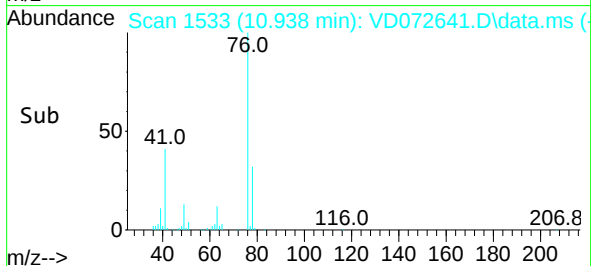
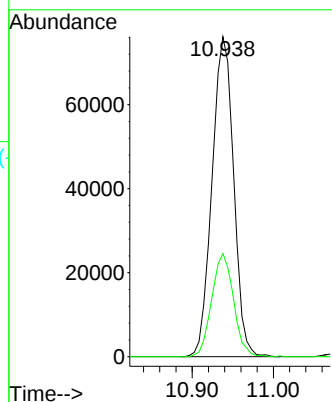
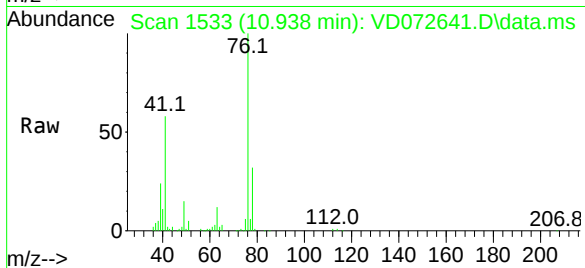
VD0420SBS01

Tgt Ion: 76 Resp: 140821

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 123.167 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072641.D

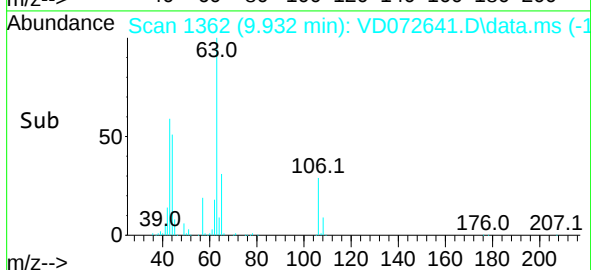
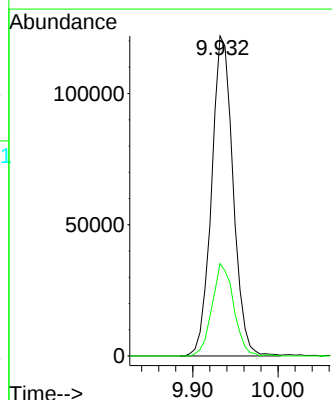
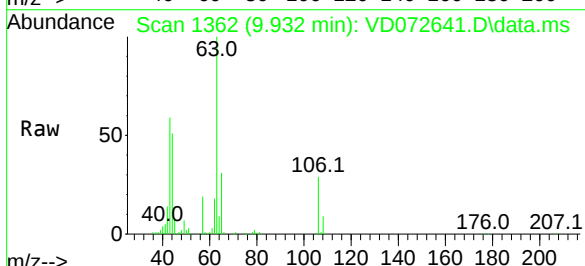
Acq: 20 Apr 2022 12:22

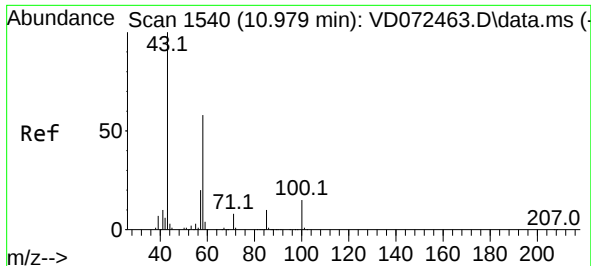
Tgt Ion: 63 Resp: 213795

Ion Ratio Lower Upper

63 100

106 29.1 21.4 32.0

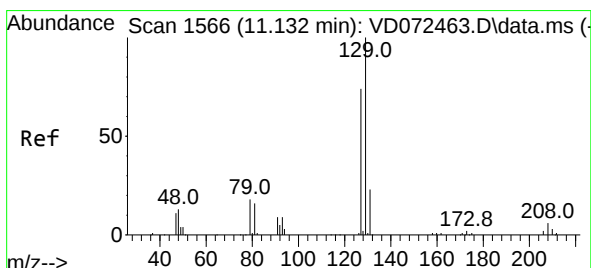
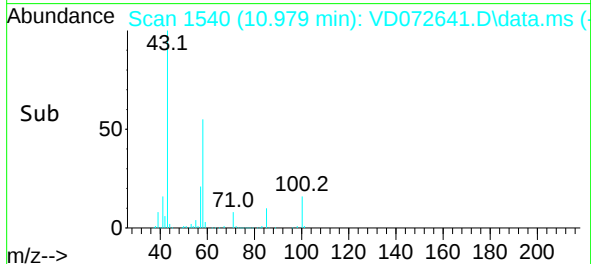
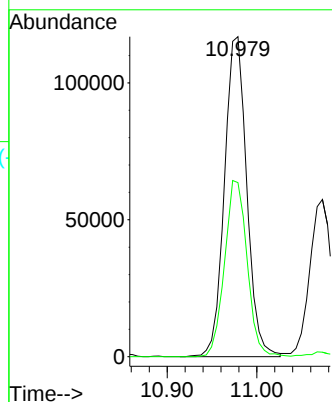
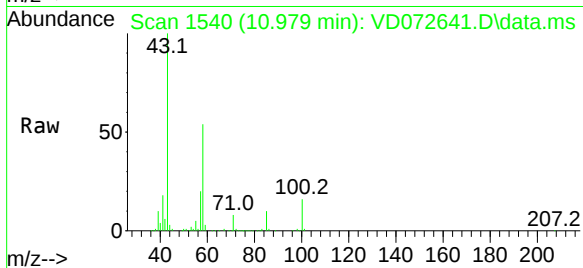




#59
2-Hexanone
Concen: 119.701 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

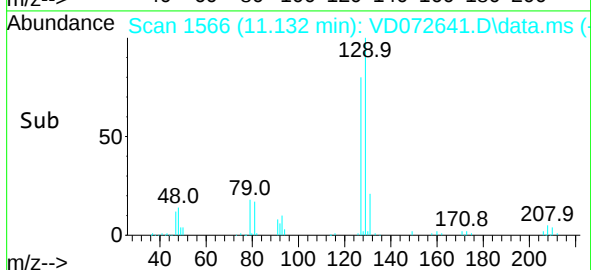
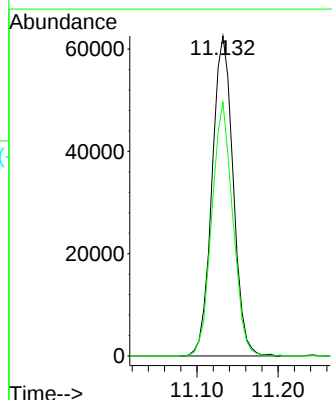
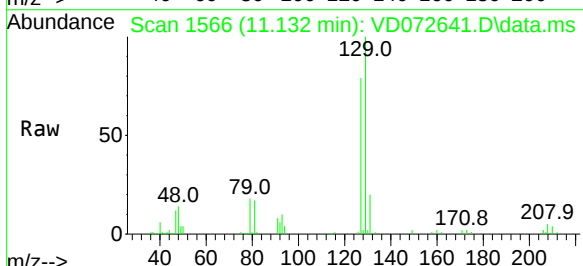
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

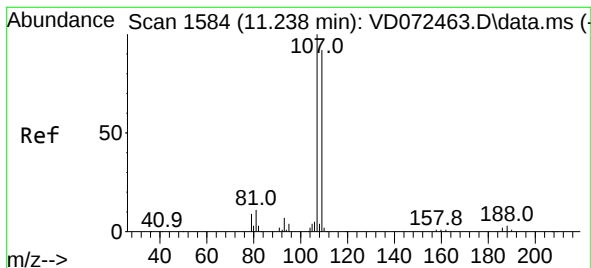
Tgt Ion: 43 Resp: 201990
Ion Ratio Lower Upper
43 100
58 55.7 25.3 75.9



#60
Dibromochloromethane
Concen: 24.867 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 129 Resp: 112782
Ion Ratio Lower Upper
129 100
127 78.8 39.2 117.6

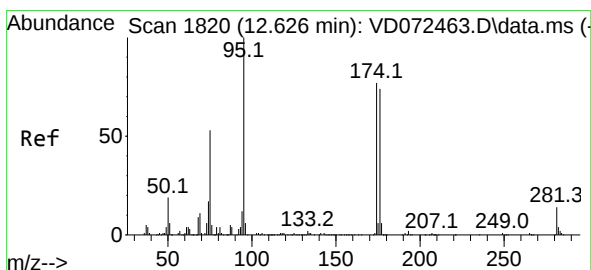
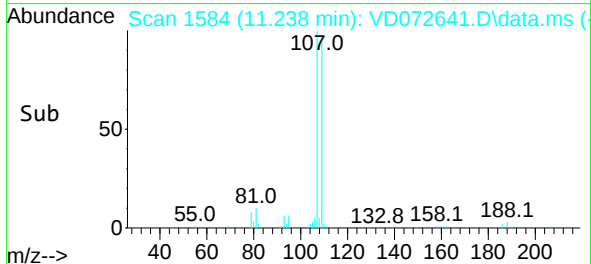
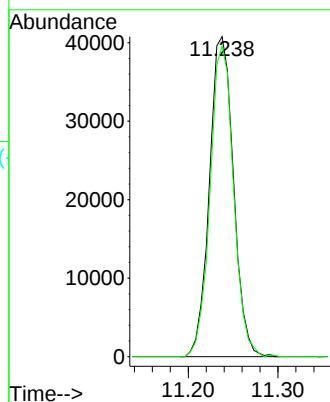
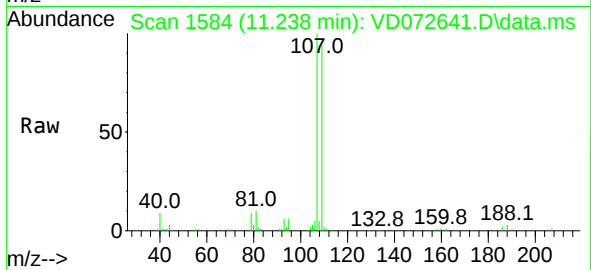




#61
1,2-Dibromoethane
Concen: 24.299 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

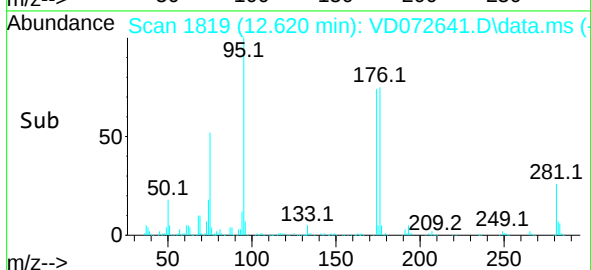
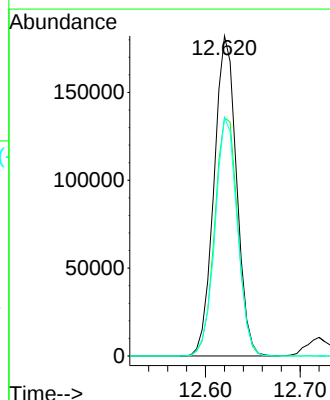
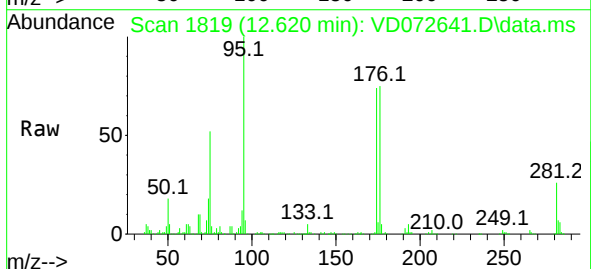
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

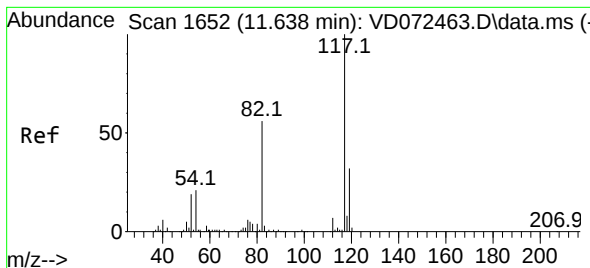
Tgt Ion:107 Resp: 75854
Ion Ratio Lower Upper
107 100
109 94.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.697 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 95 Resp: 300800
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.9 0.0 145.4

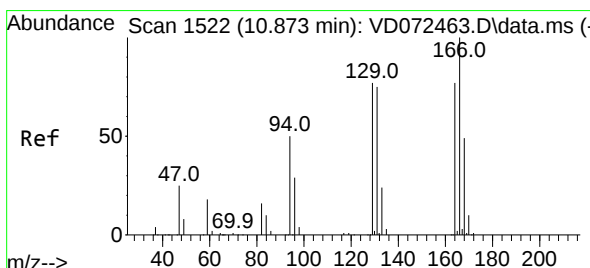
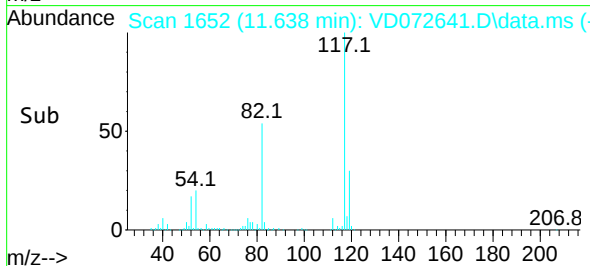
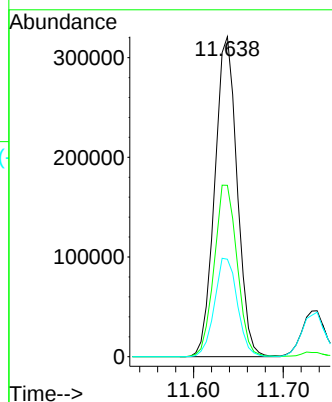
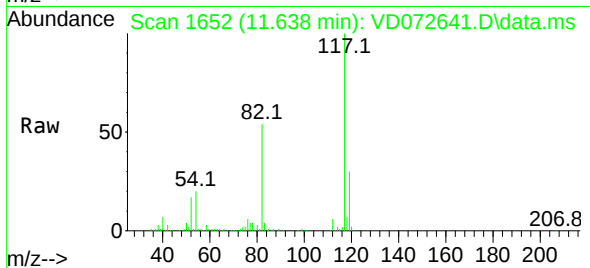




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

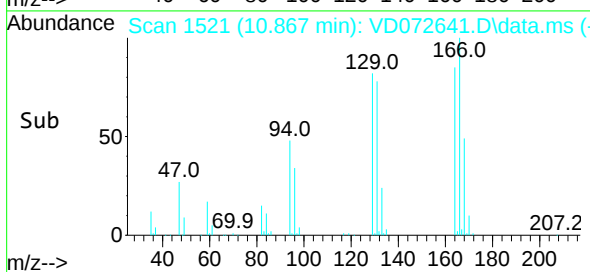
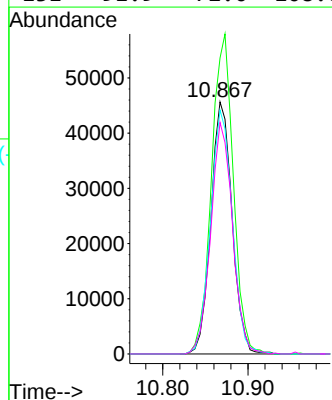
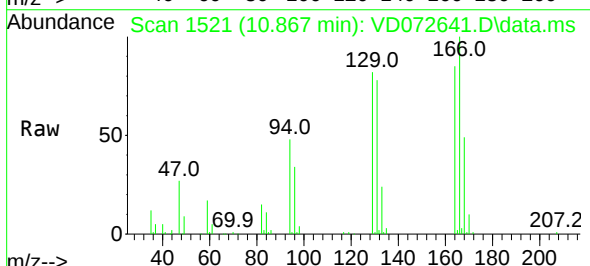
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

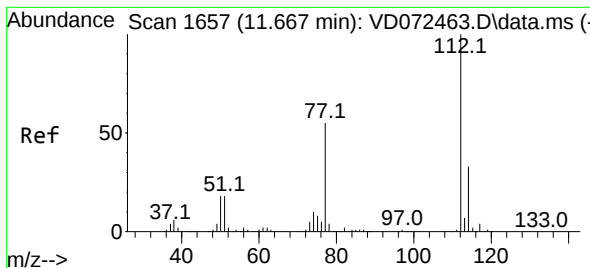
Tgt Ion:117 Resp: 556076
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 30.5 26.6 40.0



#64
Tetrachloroethene
Concen: 21.714 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion:164 Resp: 78891
Ion Ratio Lower Upper
164 100
166 117.5 98.5 147.7
129 96.8 74.6 111.8
131 91.9 72.0 108.0

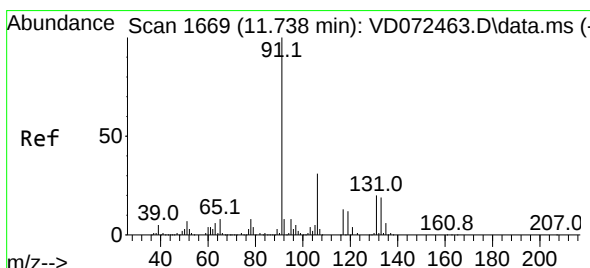
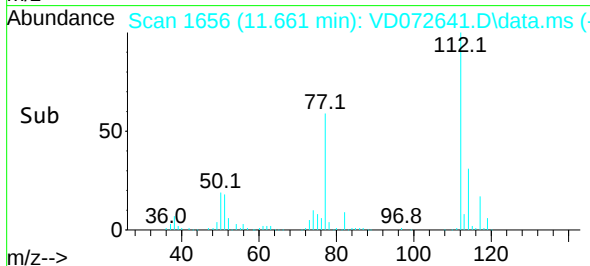
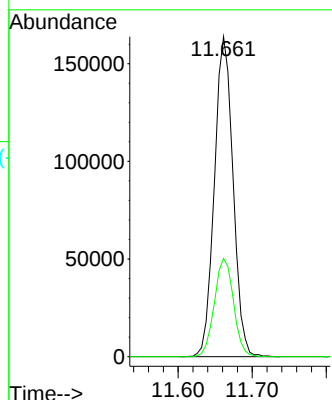
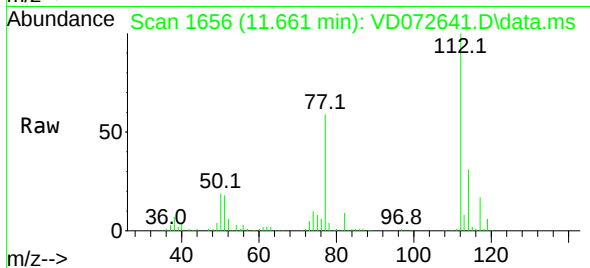




#65
Chlorobenzene
Concen: 23.028 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

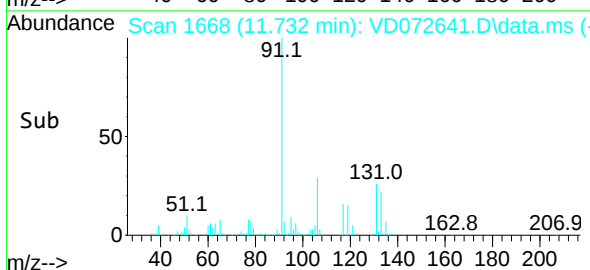
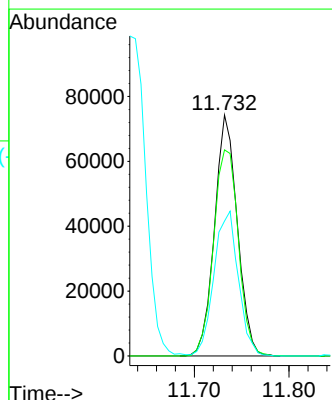
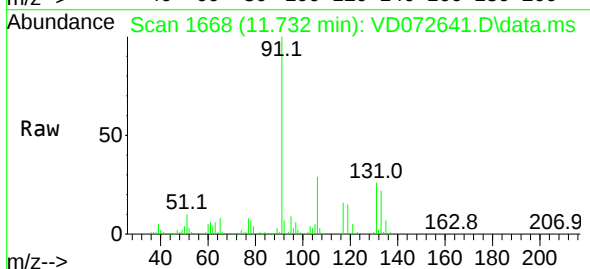
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

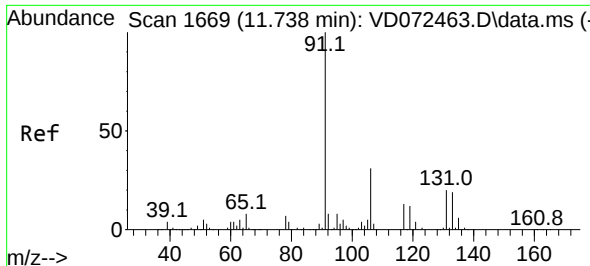
Tgt Ion:112 Resp: 286295
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 25.054 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion:131 Resp: 124532
Ion Ratio Lower Upper
131 100
133 93.3 48.1 144.3
119 64.1 31.9 95.9

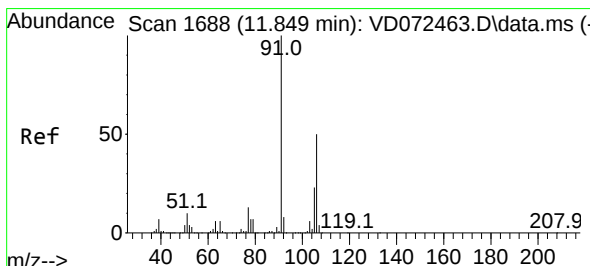
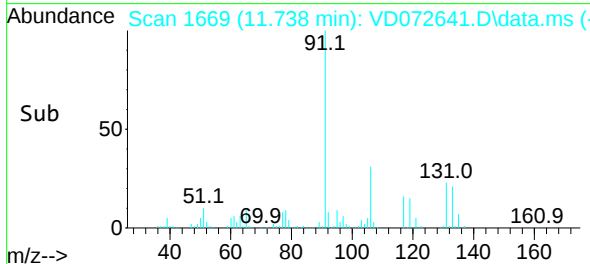
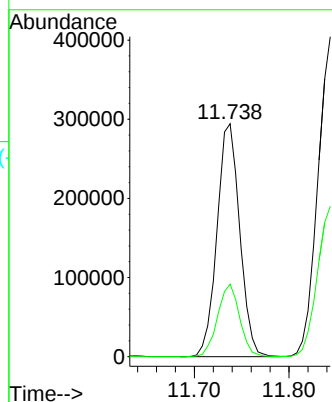
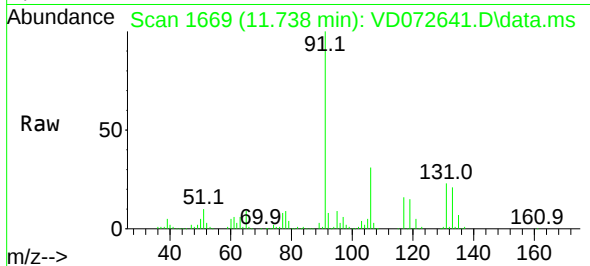




#67
Ethyl Benzene
Concen: 22.626 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

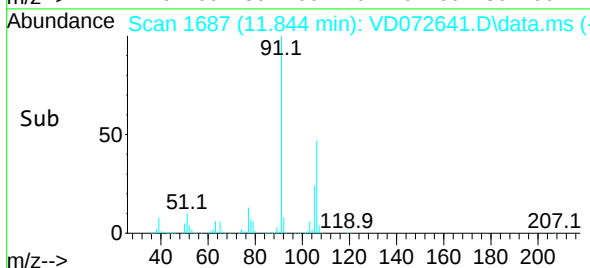
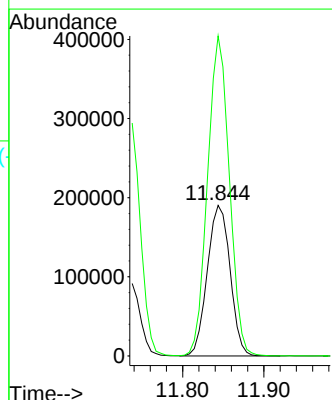
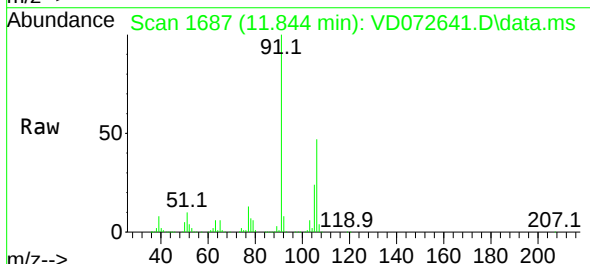
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

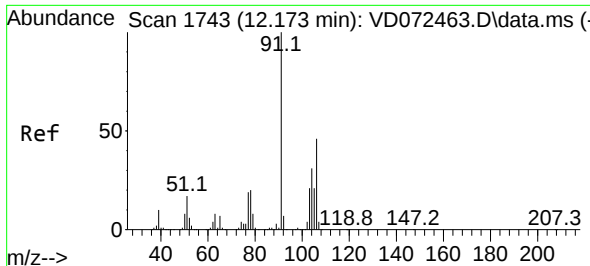
Tgt Ion: 91 Resp: 490842
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4



#68
m/p-Xylenes
Concen: 45.132 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 106 Resp: 371440
Ion Ratio Lower Upper
106 100
91 202.8 163.7 245.5

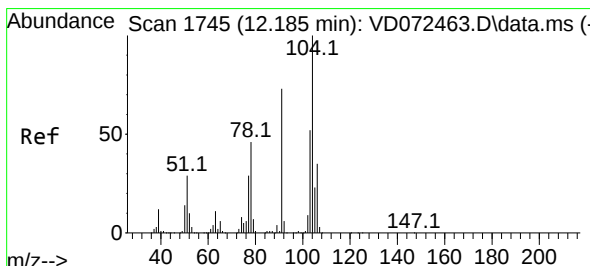
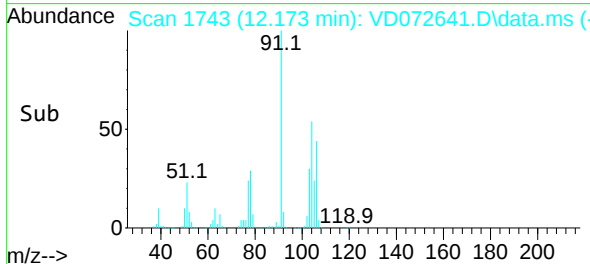
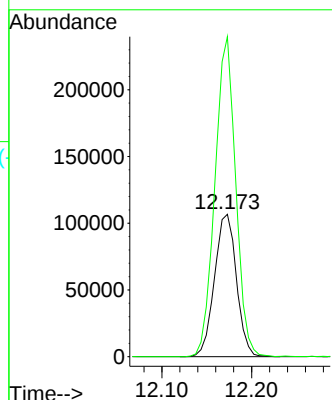
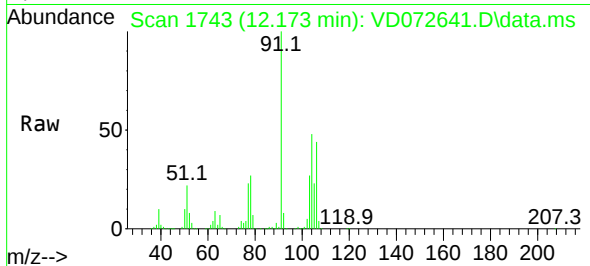




#69
o-Xylene
Concen: 22.816 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

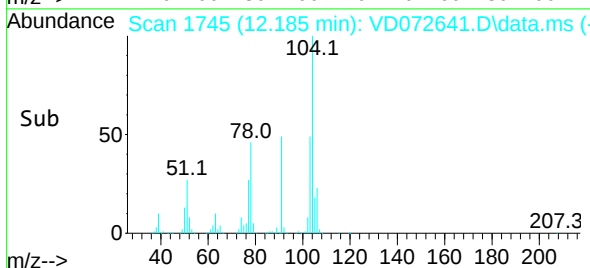
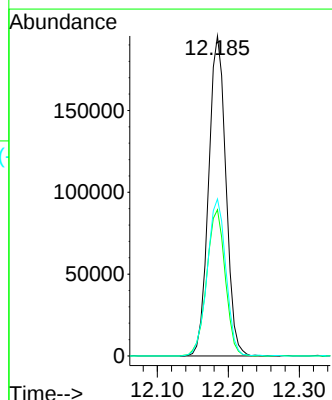
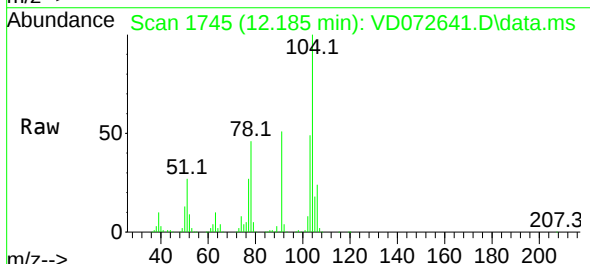
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

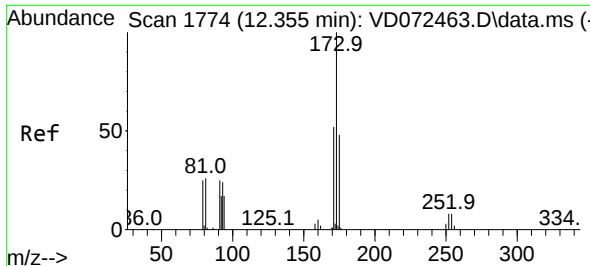
Tgt Ion:106 Resp: 181173
Ion Ratio Lower Upper
106 100
91 212.7 110.4 331.2



#70
Styrene
Concen: 23.625 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion:104 Resp: 330623
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 53.2 44.2 66.4

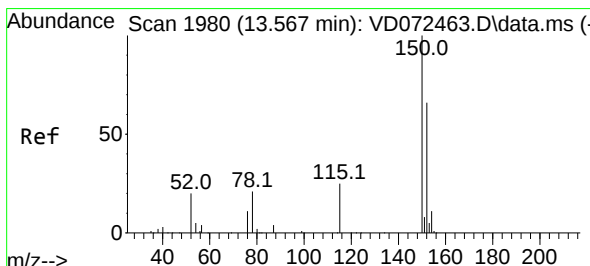
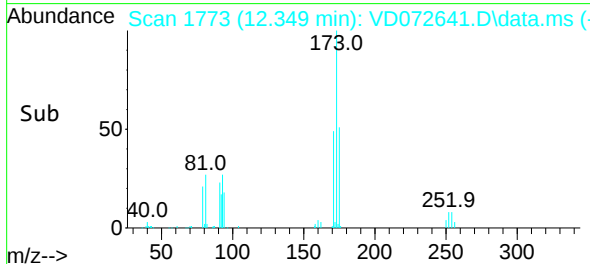
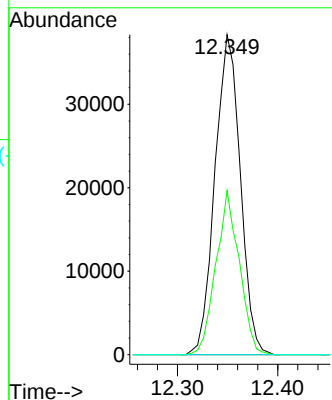
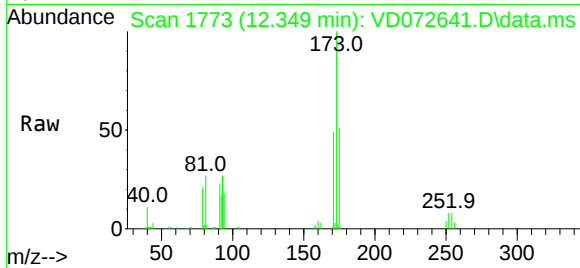




#71
Bromoform
Concen: 25.554 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

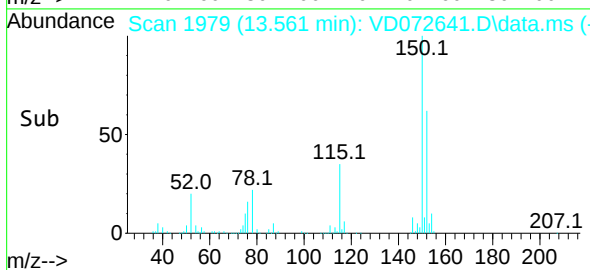
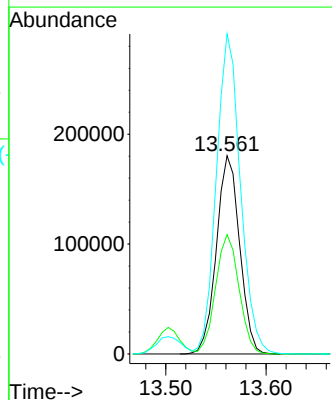
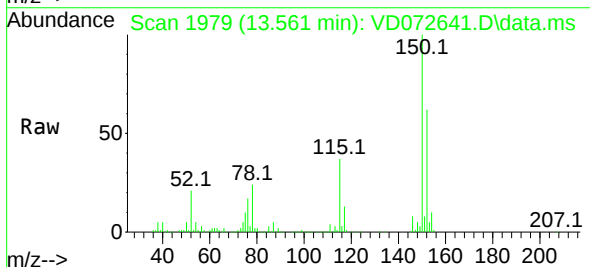
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

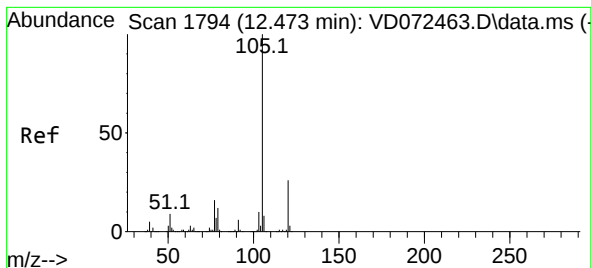
Tgt Ion:173 Resp: 67335
Ion Ratio Lower Upper
173 100
175 47.3 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion:152 Resp: 289926
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 167.6 0.0 348.6





#73

Isopropylbenzene

Concen: 22.220 ug/l

RT: 12.467 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

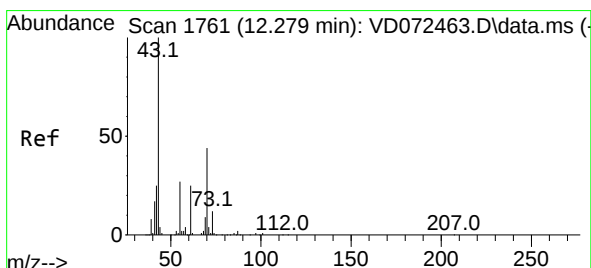
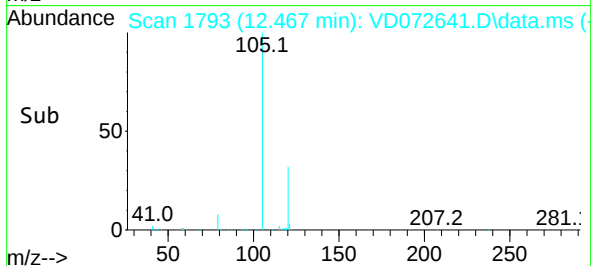
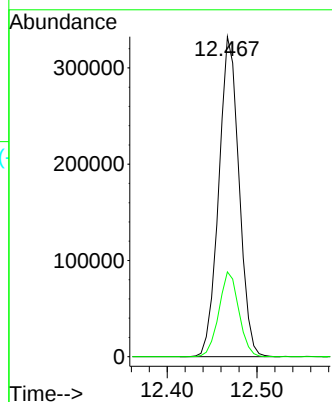
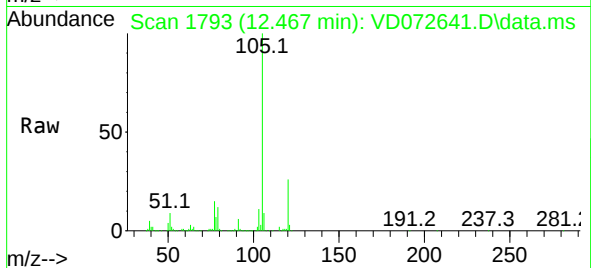
VD0420SBS01

Tgt Ion:105 Resp: 520270

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 22.719 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Tgt Ion: 43 Resp: 111614

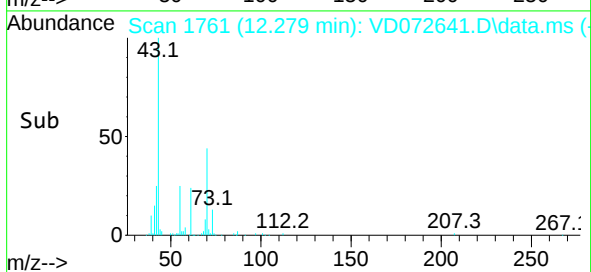
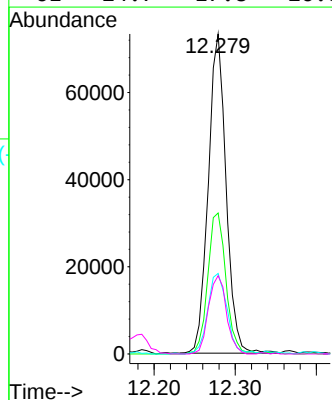
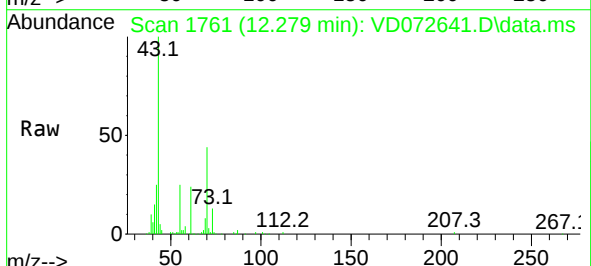
Ion Ratio Lower Upper

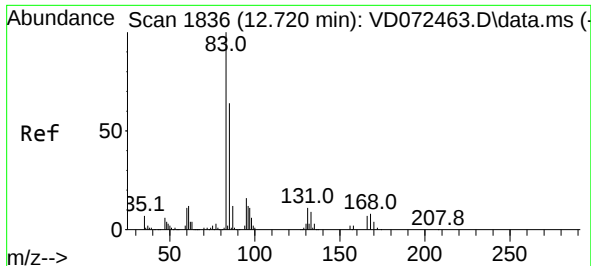
43 100

70 45.2 31.3 46.9

55 27.4 20.0 30.0

61 24.7 17.8 26.8

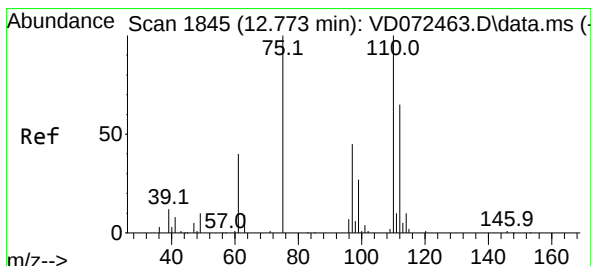
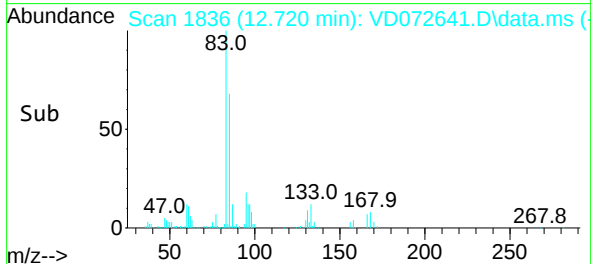
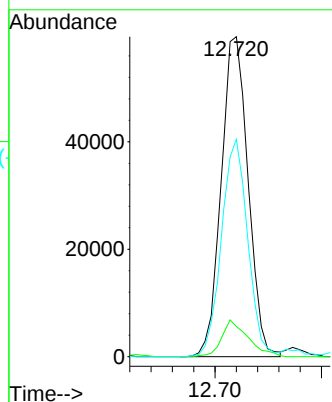
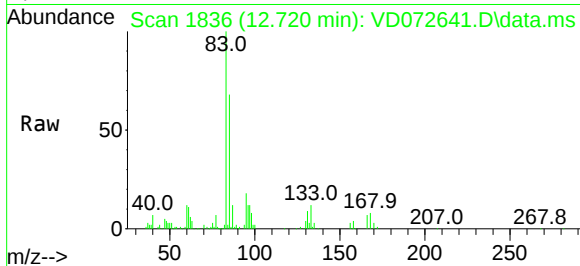




#75
1,1,2,2-Tetrachloroethane
Concen: 23.588 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

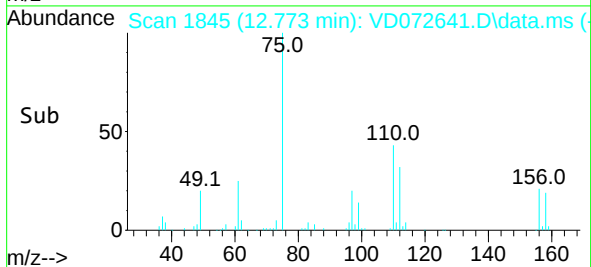
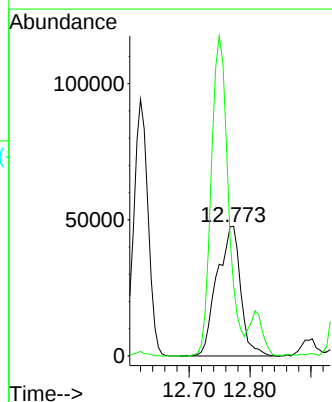
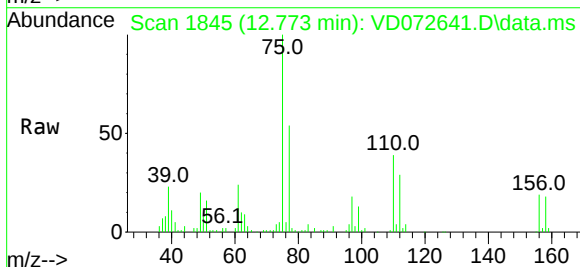
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

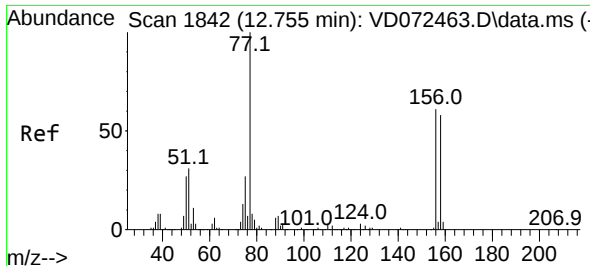
Tgt Ion: 83 Resp: 104612
Ion Ratio Lower Upper
83 100
131 11.2 5.0 14.9
85 66.3 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 40.526 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 75 Resp: 128149
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

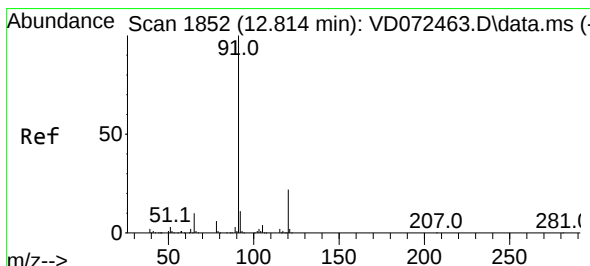
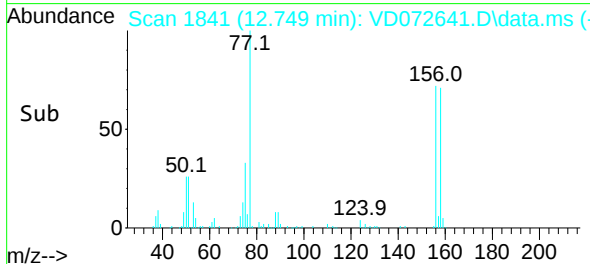
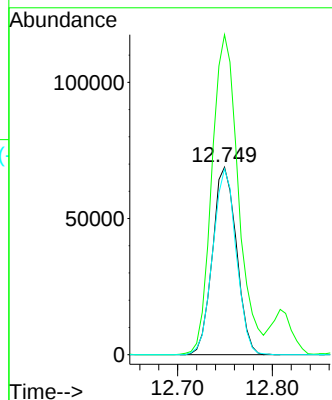
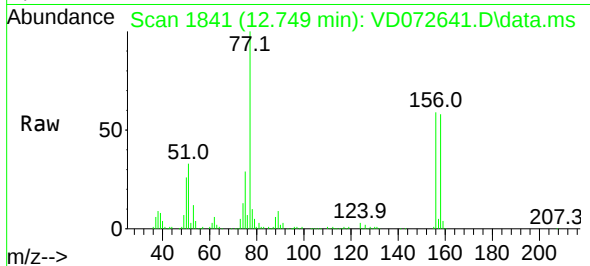




#77
Bromobenzene
Concen: 23.070 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

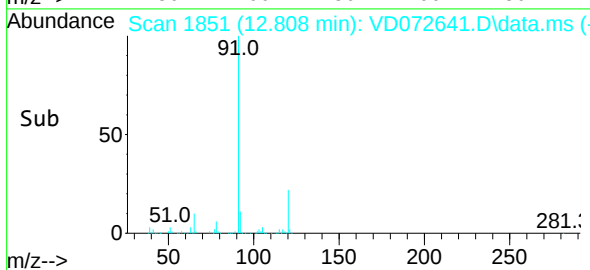
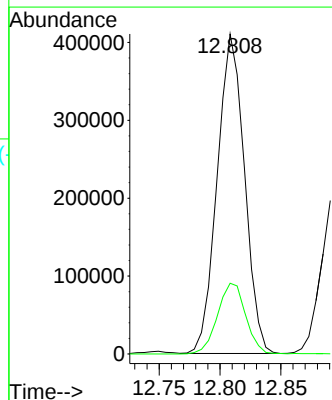
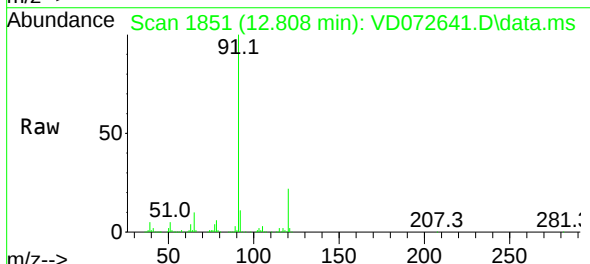
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

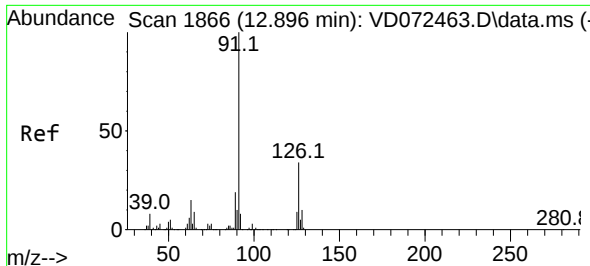
Tgt Ion:156 Resp: 121077
Ion Ratio Lower Upper
156 100
77 188.9 102.8 308.3
158 97.2 48.7 146.1



#78
n-propylbenzene
Concen: 22.662 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 91 Resp: 640125
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9

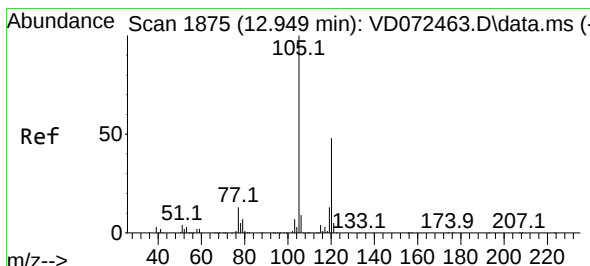
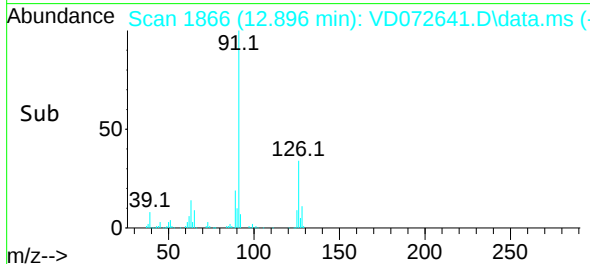
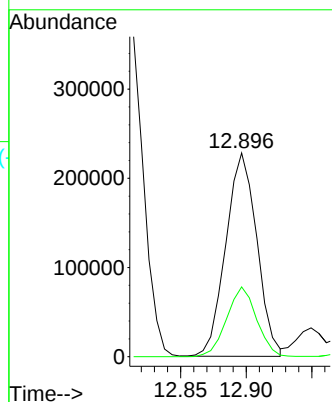
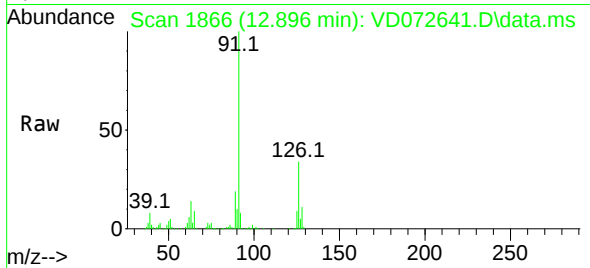




#79
2-Chlorotoluene
Concen: 22.729 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

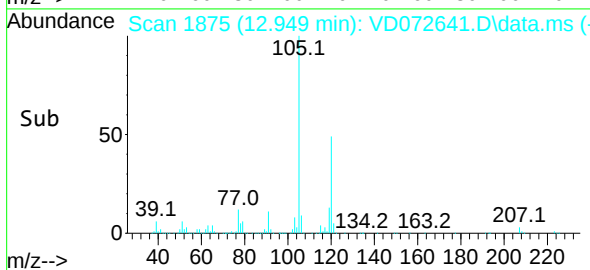
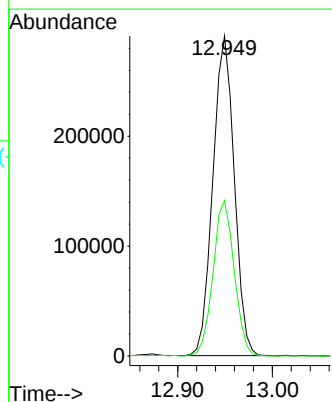
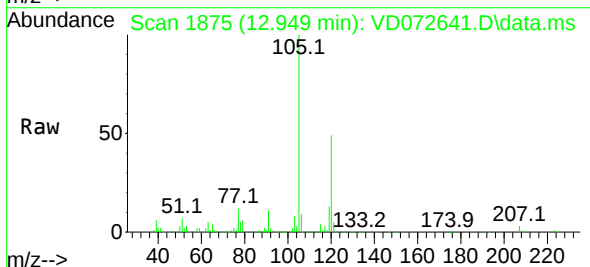
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

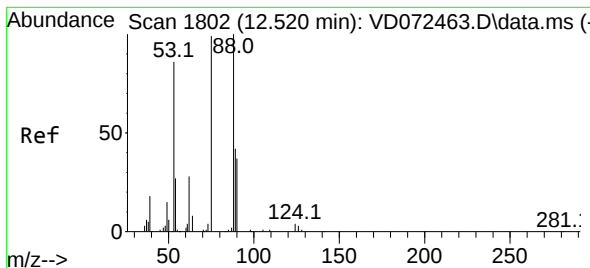
Tgt Ion: 91 Resp: 375470
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 22.772 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion:105 Resp: 456650
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

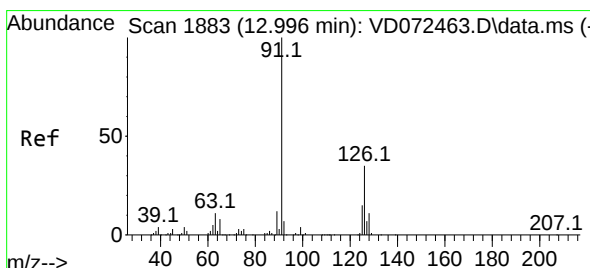
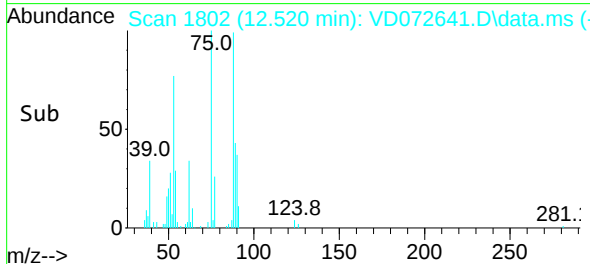
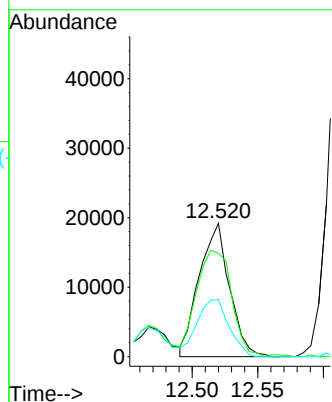
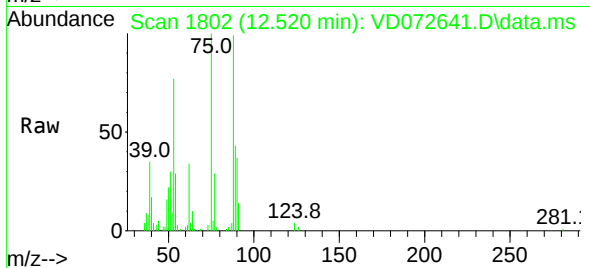




#81
trans-1,4-Dichloro-2-butene
Concen: 23.975 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

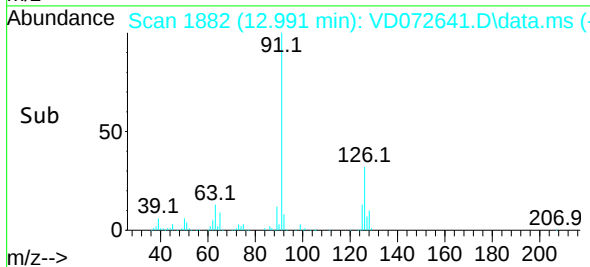
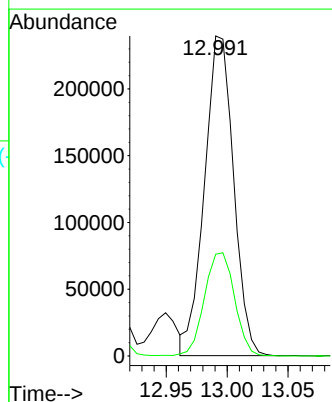
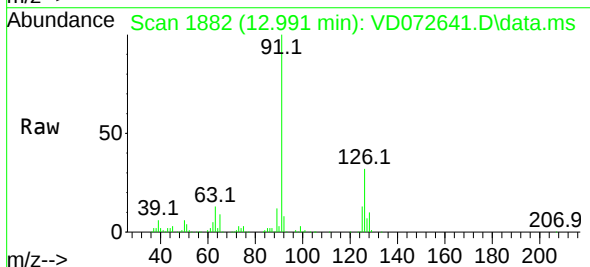
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

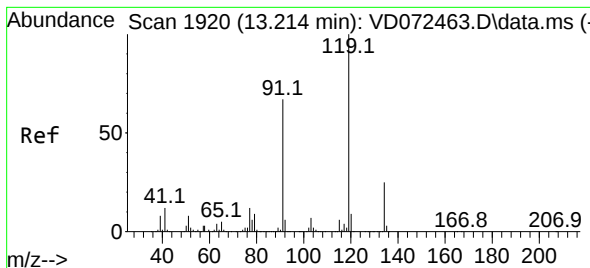
Tgt Ion: 75 Resp: 30896
Ion Ratio Lower Upper
75 100
53 92.0 86.5 129.7
89 45.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 23.129 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 91 Resp: 397927
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83

tert-Butylbenzene

Concen: 23.629 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. -0.006 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

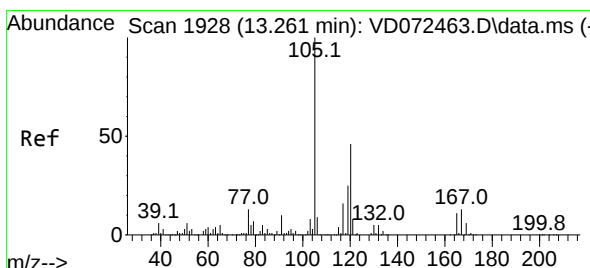
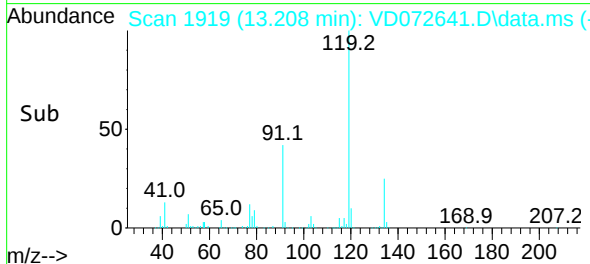
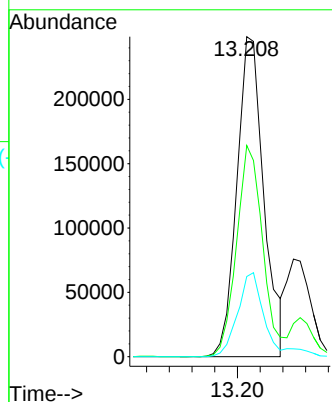
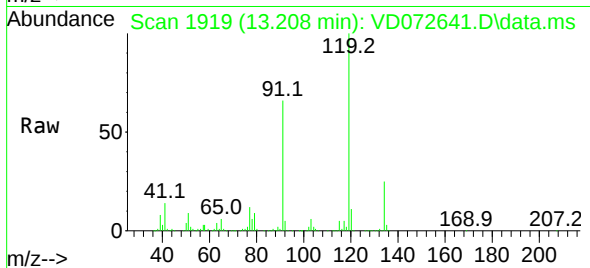
Tgt Ion:119 Resp: 410211

Ion Ratio Lower Upper

119 100

91 64.8 34.8 104.5

134 26.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 23.002 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD072641.D

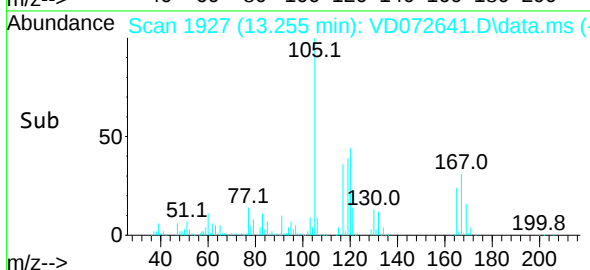
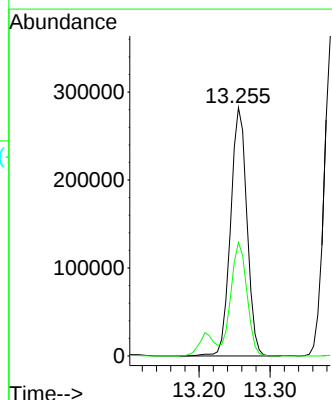
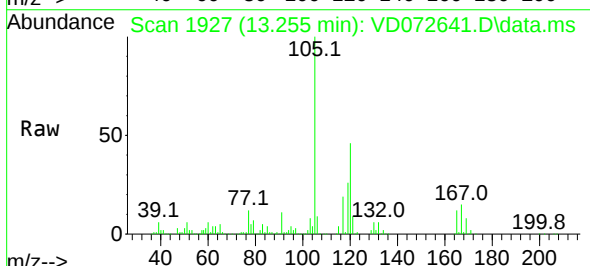
Acq: 20 Apr 2022 12:22

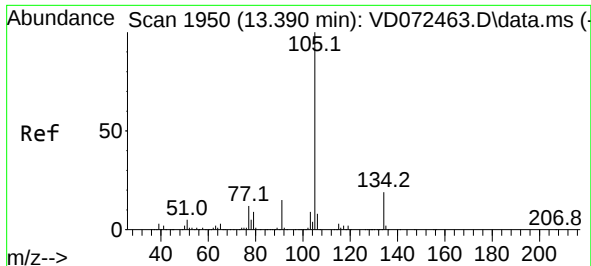
Tgt Ion:105 Resp: 451068

Ion Ratio Lower Upper

105 100

120 45.3 22.3 66.8

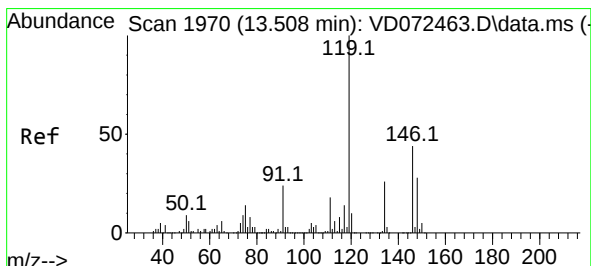
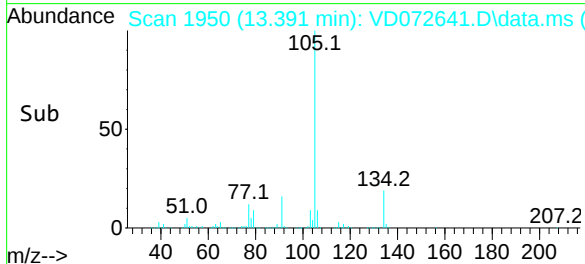
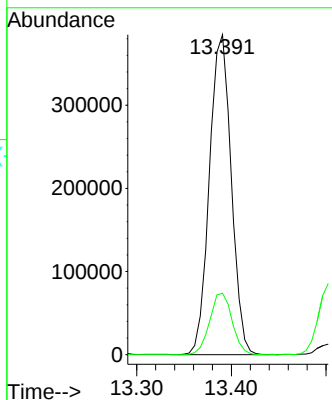
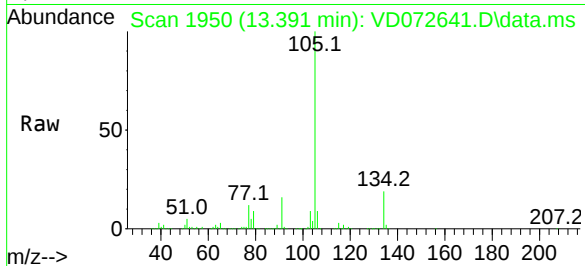




#85
 sec-Butylbenzene
 Concen: 23.576 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072641.D
 Acq: 20 Apr 2022 12:22

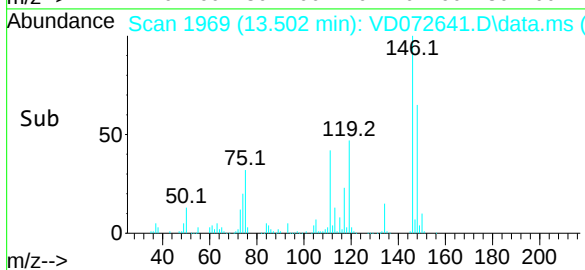
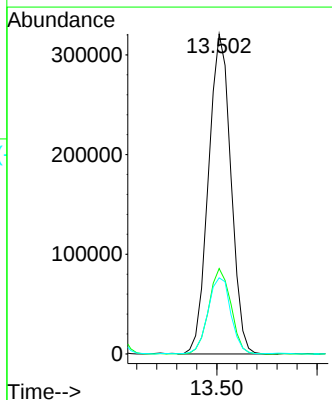
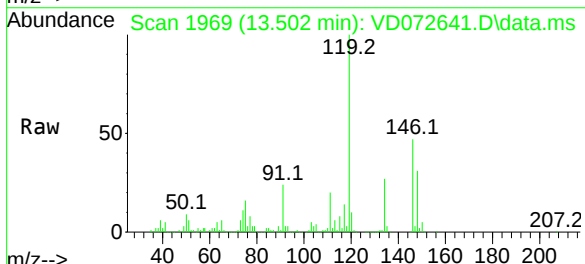
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBS01

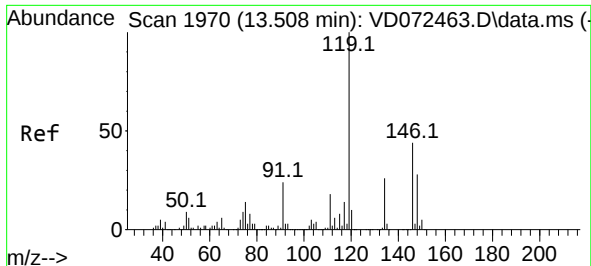
Tgt Ion:105 Resp: 616504
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 23.358 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072641.D
 Acq: 20 Apr 2022 12:22

Tgt Ion:119 Resp: 499266
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 24.2 12.1 36.3

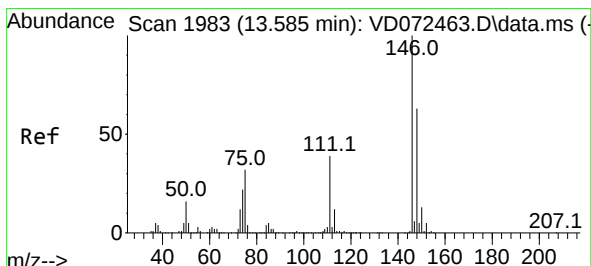
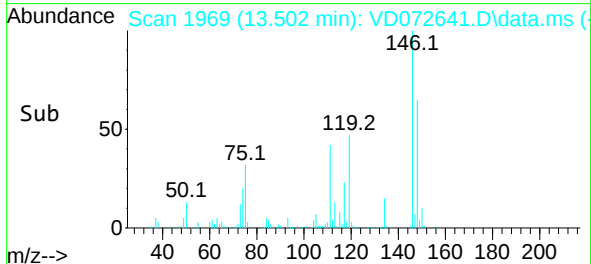
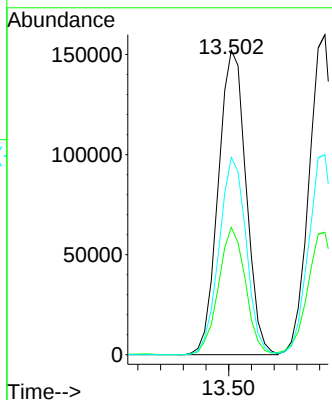
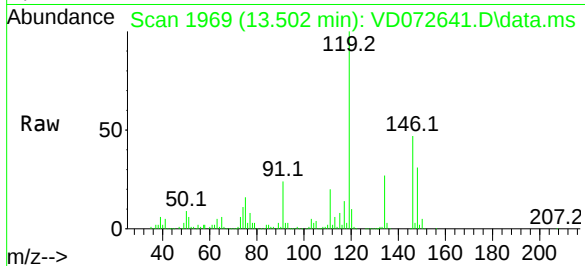




#87
1,3-Dichlorobenzene
Concen: 23.754 ug/l
RT: 13.502 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

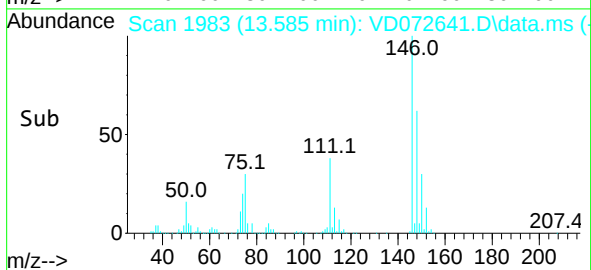
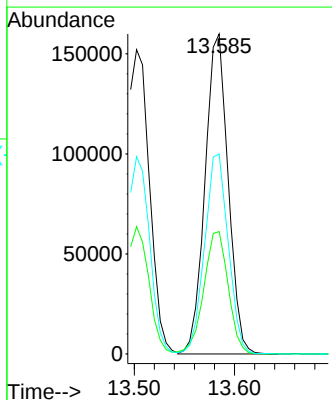
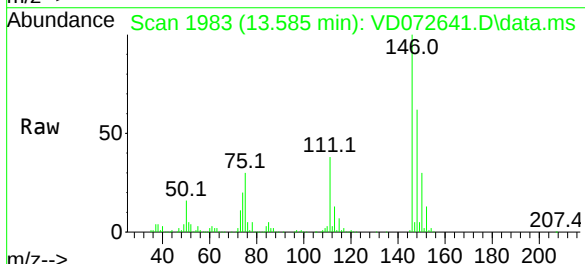
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

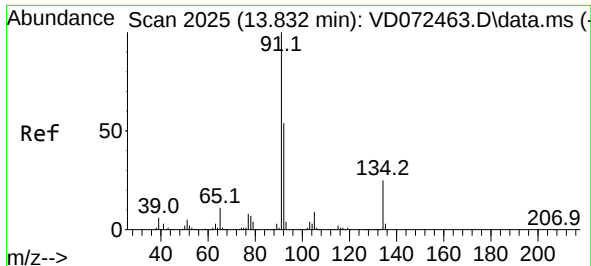
Tgt Ion:146 Resp: 258319
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.3
148 63.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 23.372 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion:146 Resp: 256166
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 64.2 31.7 95.1

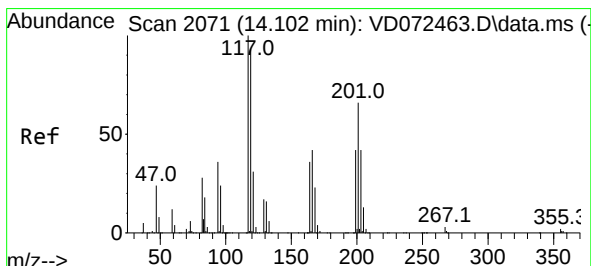
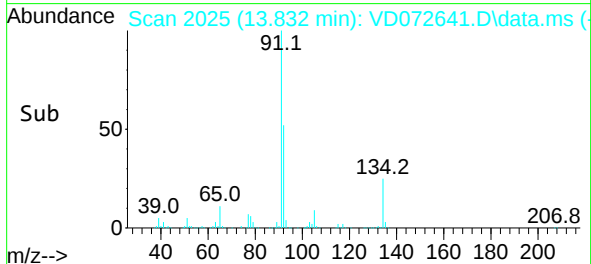
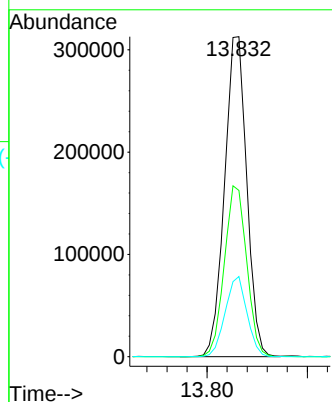
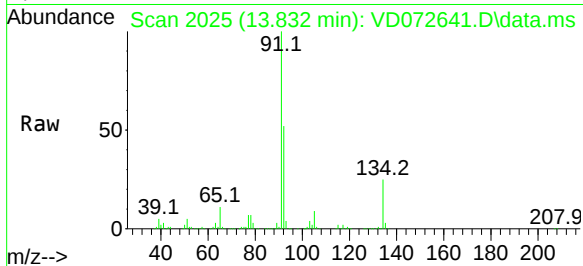




#89
n-Butylbenzene
Concen: 23.639 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

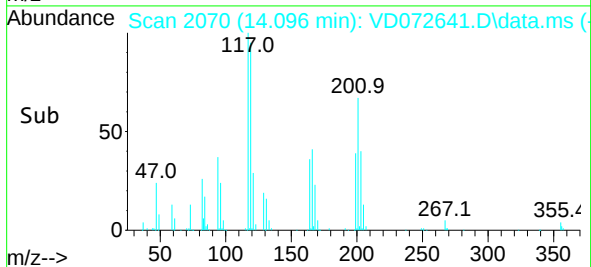
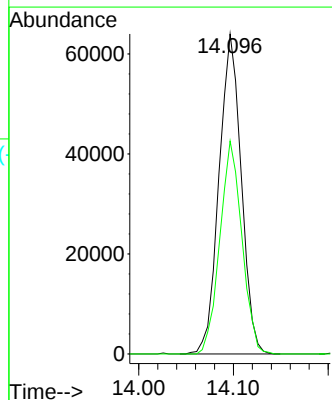
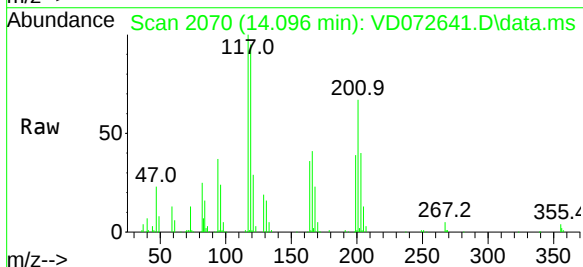
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

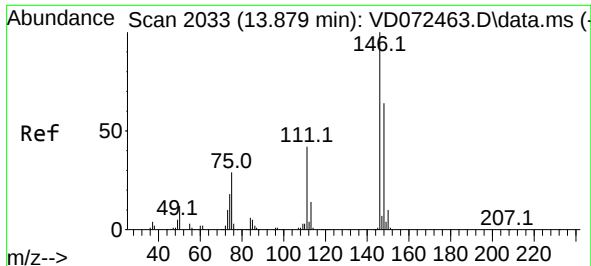
Tgt Ion: 91 Resp: 481329
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 24.6 12.3 36.9



#90
Hexachloroethane
Concen: 23.817 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 117 Resp: 104217
Ion Ratio Lower Upper
117 100
201 66.2 33.4 100.2

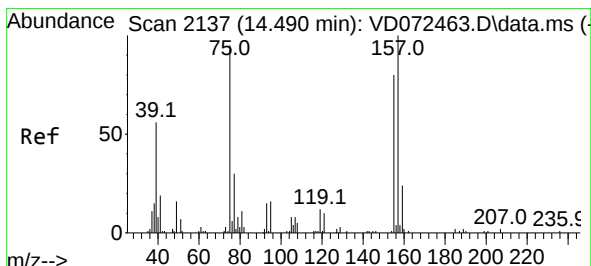
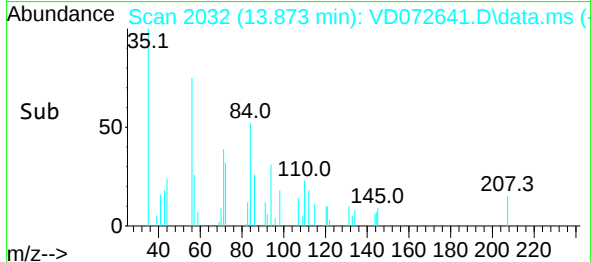
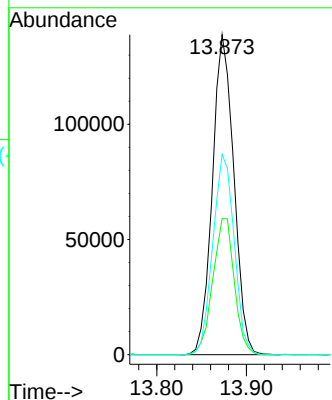
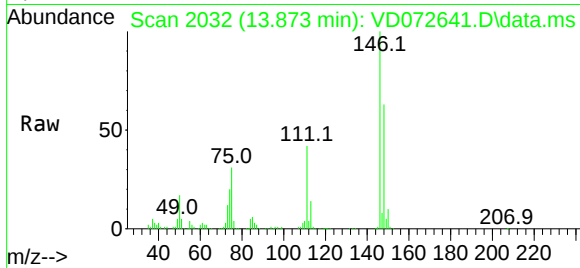




#91
1,2-Dichlorobenzene
Concen: 23.996 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

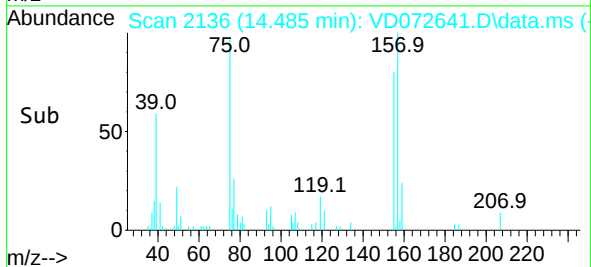
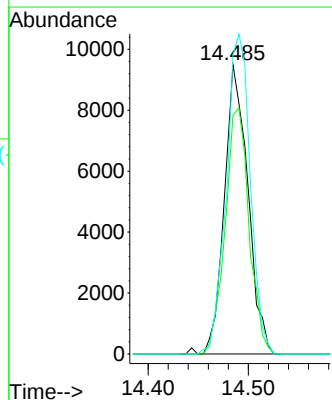
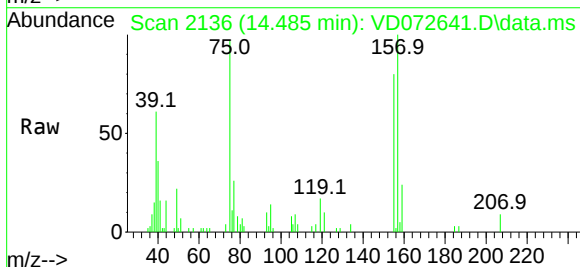
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

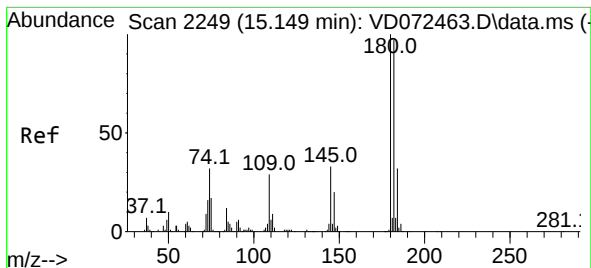
Tgt Ion:146 Resp: 230162
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.3
148 62.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.645 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072641.D
Acq: 20 Apr 2022 12:22

Tgt Ion: 75 Resp: 15509
Ion Ratio Lower Upper
75 100
155 86.0 36.8 110.3
157 112.9 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 23.291 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

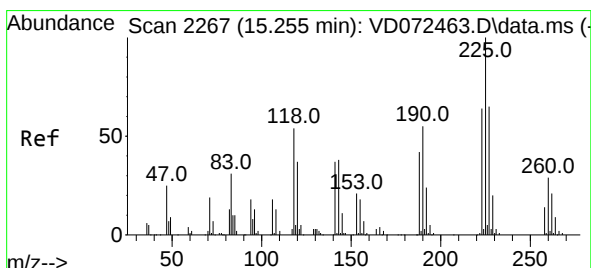
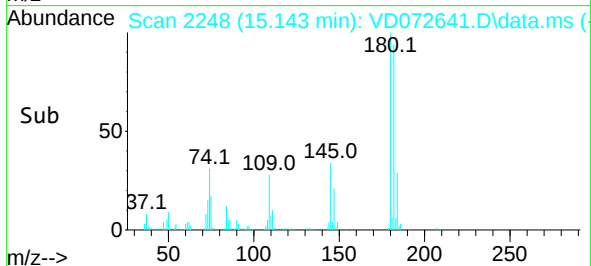
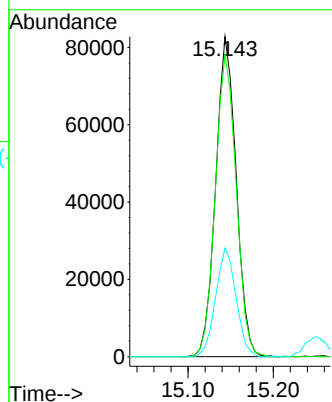
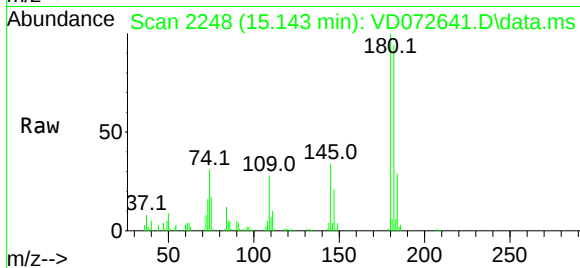
Tgt Ion:180 Resp: 138471

Ion Ratio Lower Upper

180 100

182 96.1 47.3 142.0

145 33.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 25.556 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

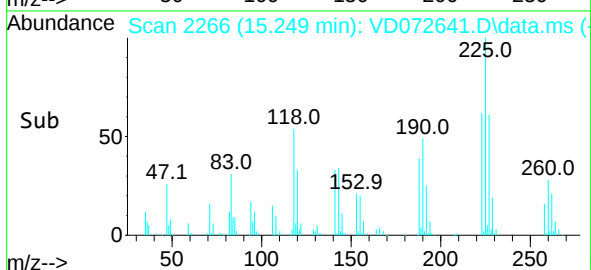
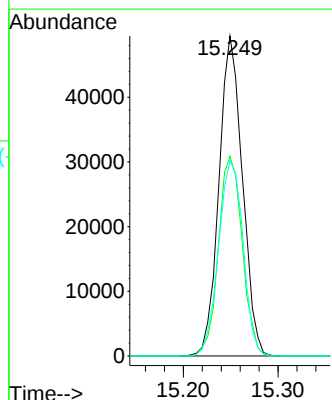
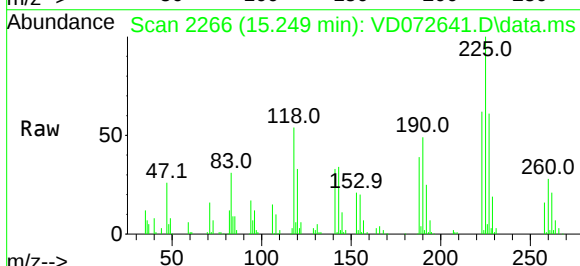
Tgt Ion:225 Resp: 85107

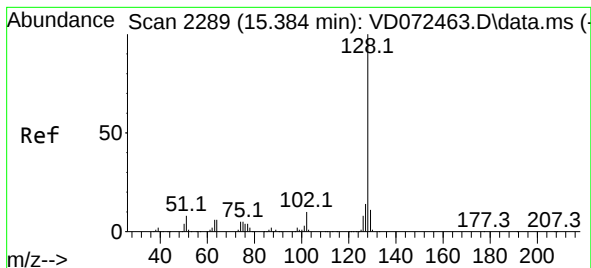
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.2

227 63.9 32.4 97.0





#95

Naphthalene

Concen: 21.670 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

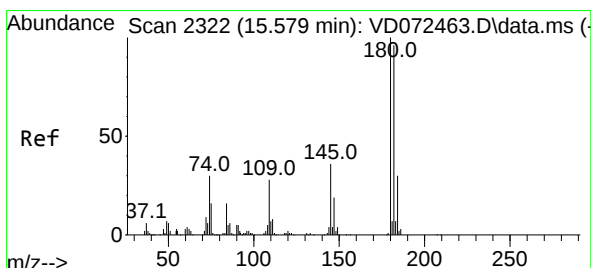
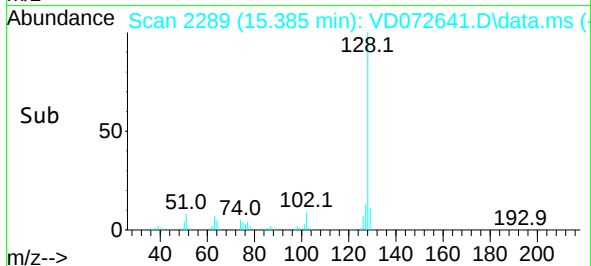
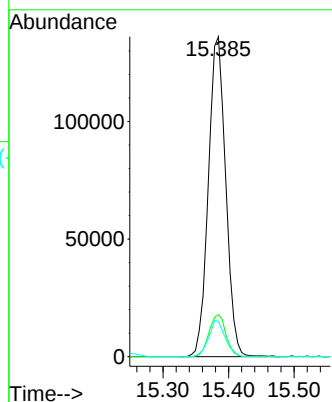
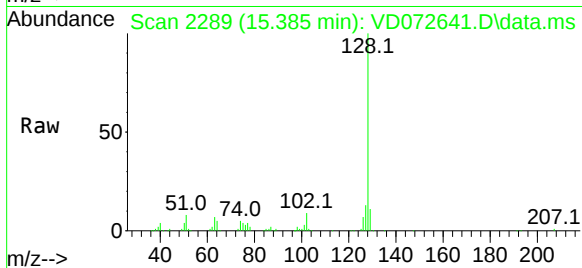
Tgt Ion:128 Resp: 250343

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 24.283 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD072641.D

Acq: 20 Apr 2022 12:22

Tgt Ion:180 Resp: 126001

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 35.0 17.1 51.3

