

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071864.D
 Acq On : 01 Feb 2022 11:27
 Operator : VA/SY
 Sample : VD0201SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBS01

Quant Time: Feb 02 07:05:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	380335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	634828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	580575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	270422	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	249568	51.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.840%	
35) Dibromofluoromethane	7.914	113	230303	55.190	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.380%	
50) Toluene-d8	10.338	98	891217	57.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.380%	
62) 4-Bromofluorobenzene	12.626	95	298031	54.762	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.520%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	103090	22.857	ug/l	98
3) Chloromethane	2.215	50	118348	21.917	ug/l	97
4) Vinyl Chloride	2.356	62	121179	21.435	ug/l	99
5) Bromomethane	2.768	94	78638	21.082	ug/l	92
6) Chloroethane	2.926	64	76113	21.245	ug/l	99
7) Trichlorofluoromethane	3.279	101	168427	20.789	ug/l	97
8) Diethyl Ether	3.715	74	37704	17.637	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	96614	21.138	ug/l	100
10) Methyl Iodide	4.309	142	87527	18.679	ug/l	99
11) Tert butyl alcohol	5.214	59	19548	32.026	ug/l #	93
12) 1,1-Dichloroethene	4.079	96	84159	20.141	ug/l #	94
13) Acrolein	3.926	56	39636	92.829	ug/l	94
14) Allyl chloride	4.726	41	161185	20.237	ug/l	99
15) Acrylonitrile	5.420	53	97328	89.581	ug/l	99
16) Acetone	4.162	43	97723	74.261	ug/l	92
17) Carbon Disulfide	4.420	76	295076	20.252	ug/l	97
18) Methyl Acetate	4.726	43	44467	15.629	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	181408	18.148	ug/l	99
20) Methylene Chloride	4.967	84	95576	17.465	ug/l	97
21) trans-1,2-Dichloroethene	5.479	96	98010	20.148	ug/l	98
22) Diisopropyl ether	6.367	45	316496	20.274	ug/l	96
23) Vinyl Acetate	6.308	43	791518	91.911	ug/l	98
24) 1,1-Dichloroethane	6.273	63	189827	20.863	ug/l	98
25) 2-Butanone	7.214	43	127762	83.282	ug/l	96
26) 2,2-Dichloropropane	7.214	77	150444	19.980	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	104104	19.926	ug/l	99
28) Bromochloromethane	7.550	49	62639	18.252	ug/l	98
29) Tetrahydrofuran	7.567	42	77577	85.465	ug/l	99
30) Chloroform	7.714	83	186715	20.086	ug/l	98
31) Cyclohexane	7.991	56	184819	20.138	ug/l #	92
32) 1,1,1-Trichloroethane	7.908	97	166508	20.308	ug/l	99
36) 1,1-Dichloropropene	8.114	75	151972	21.219	ug/l	98
37) Ethyl Acetate	7.291	43	57360	17.226	ug/l #	94
38) Carbon Tetrachloride	8.102	117	146960	20.749	ug/l	97
39) Methylcyclohexane	9.355	83	167559	20.191	ug/l	95
40) Benzene	8.350	78	398665	20.621	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	36785	19.527	ug/l	92
42) 1,2-Dichloroethane	8.426	62	119758	19.617	ug/l	99
43) Isopropyl Acetate	8.455	43	104398	17.444	ug/l	94
44) Trichloroethene	9.114	130	103687	20.771	ug/l	99
45) 1,2-Dichloropropane	9.385	63	101386	20.338	ug/l	91
46) Dibromomethane	9.479	93	50947	19.518	ug/l	99
47) Bromodichloromethane	9.661	83	136681	19.800	ug/l #	99
48) Methyl methacrylate	9.455	41	55211	17.431	ug/l	95
49) 1,4-Dioxane	9.461	88	10402	349.146	ug/l	90
51) 4-Methyl-2-Pentanone	10.226	43	272164	86.900	ug/l	98
52) Toluene	10.402	92	255136	21.222	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	117201	18.485	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	145050	19.517	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	65303	18.851	ug/l	92
56) Ethyl methacrylate	10.655	69	76039	17.728	ug/l	97
57) 1,3-Dichloropropane	10.944	76	119132	19.263	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	181924	90.102	ug/l	99
59) 2-Hexanone	10.979	43	184603	81.210	ug/l	96
60) Dibromochloromethane	11.138	129	81697	19.098	ug/l	98
61) 1,2-Dibromoethane	11.238	107	61659	18.474	ug/l	99
64) Tetrachloroethene	10.873	164	83243	20.270	ug/l	86
65) Chlorobenzene	11.667	112	247254	20.131	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	89226	19.969	ug/l	99
67) Ethyl Benzene	11.743	91	460589	20.380	ug/l	99
68) m/p-Xylenes	11.849	106	360623	41.951	ug/l	99
69) o-Xylene	12.173	106	161194	20.634	ug/l	97
70) Styrene	12.191	104	270713	20.105	ug/l	99
71) Bromoform	12.355	173	43774	18.348	ug/l #	96
73) Isopropylbenzene	12.473	105	433873	20.720	ug/l	100
74) N-amyl acetate	12.285	43	91784	17.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	72352	18.671	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	94748	33.246	ug/l #	100
77) Bromobenzene	12.755	156	93567	20.087	ug/l	97
78) n-propylbenzene	12.814	91	558619	21.275	ug/l	99
79) 2-Chlorotoluene	12.902	91	312903	21.029	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	368093	21.193	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	19249	16.607	ug/l	93
82) 4-Chlorotoluene	12.996	91	322835	20.854	ug/l	99
83) tert-Butylbenzene	13.214	119	310249	21.554	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	360394	21.094	ug/l	99
85) sec-Butylbenzene	13.390	105	475871	21.128	ug/l	100
86) p-Isopropyltoluene	13.508	119	388365	21.220	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	189455	20.030	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	185522	19.653	ug/l	96
89) n-Butylbenzene	13.832	91	374150	20.836	ug/l	100
90) Hexachloroethane	14.102	117	77130	21.201	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	160370	19.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10969	17.092	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	90703	19.182	ug/l	100
94) Hexachlorobutadiene	15.255	225	55717	21.610	ug/l	97
95) Naphthalene	15.384	128	153346	17.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	76724	18.930	ug/l	99

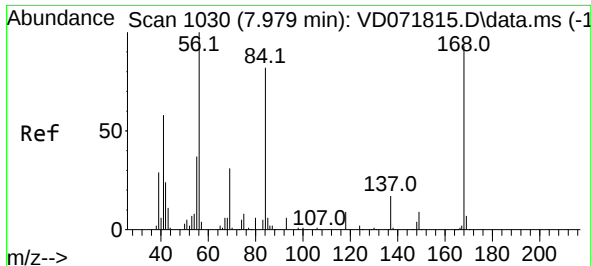
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
Data File : VD071864.D
Acq On : 01 Feb 2022 11:27
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

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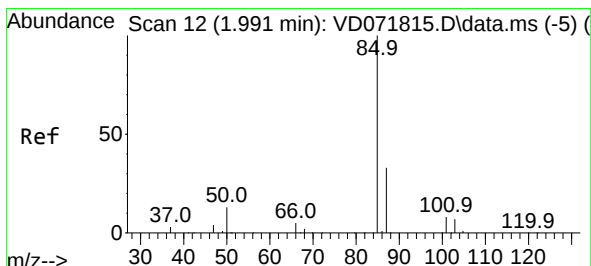
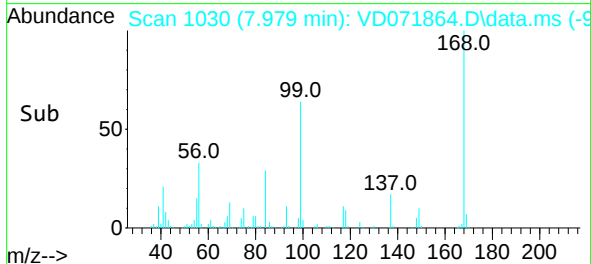
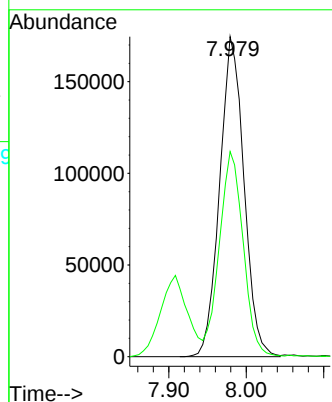
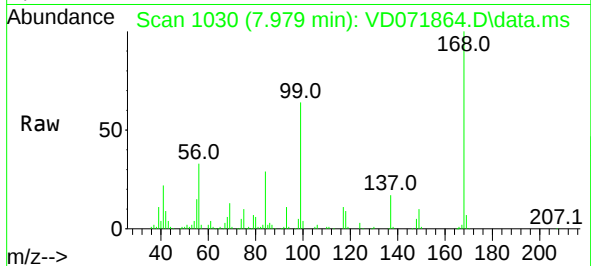
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

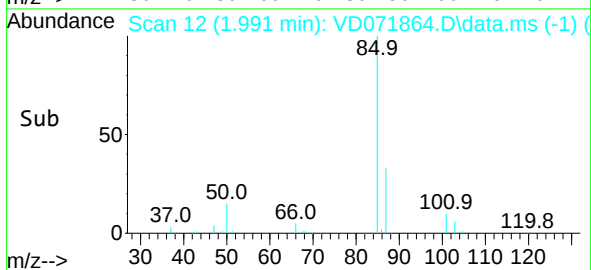
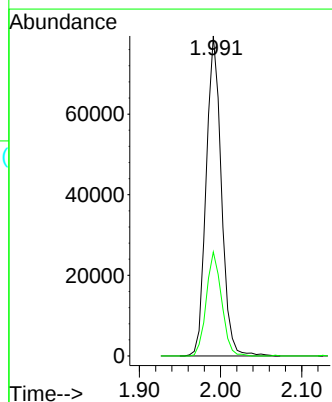
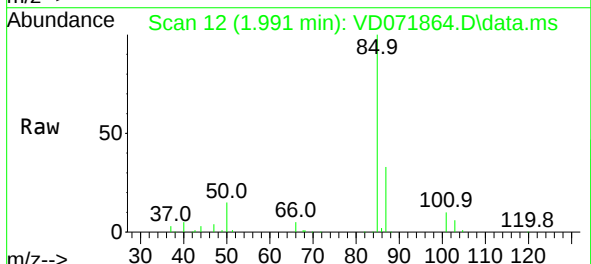
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

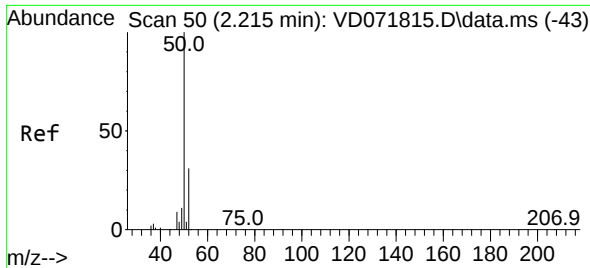
Tgt Ion:168 Resp: 380335
Ion Ratio Lower Upper
168 100
99 63.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 22.857 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 85 Resp: 103090
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0

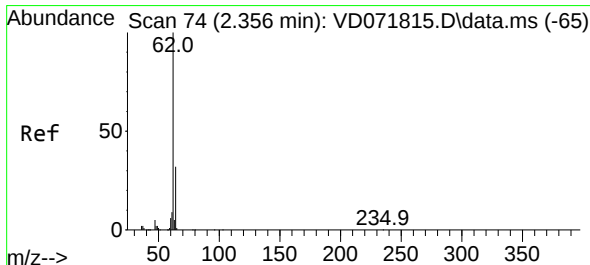
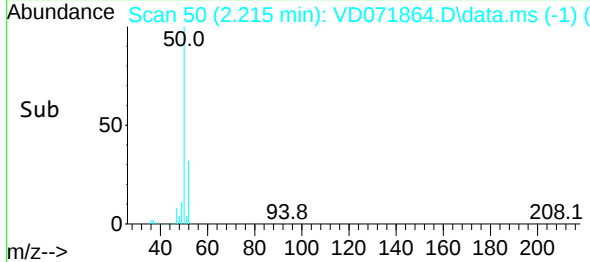
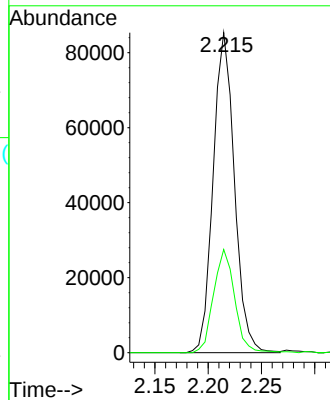
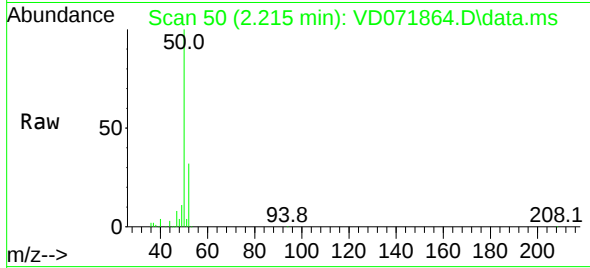




#3
Chloromethane
Concen: 21.917 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

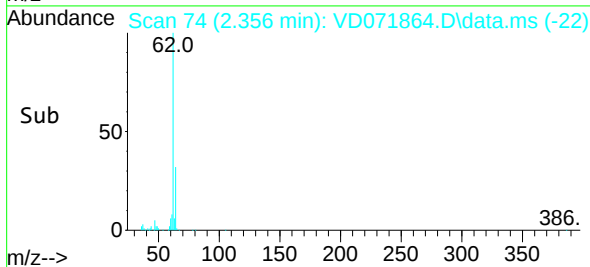
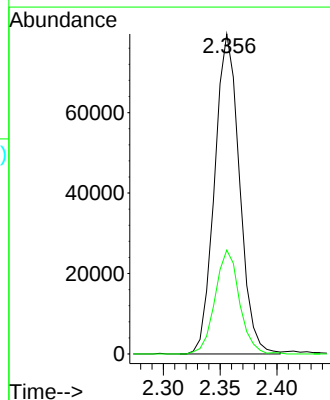
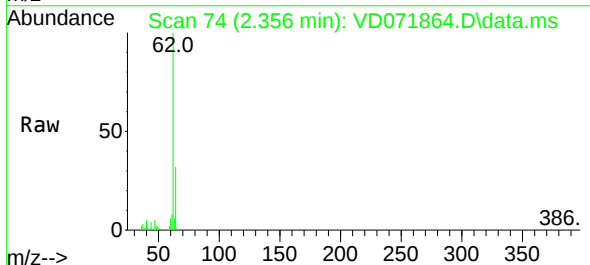
Instrument :
MSVOA_D
ClientSampleId :
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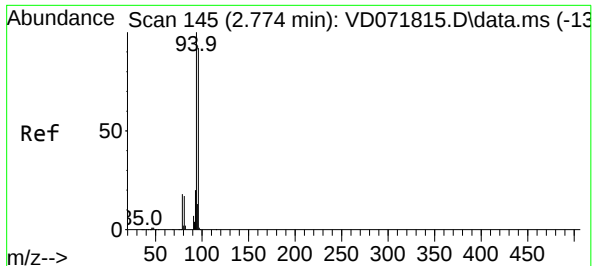
Tgt Ion: 50 Resp: 118348
Ion Ratio Lower Upper
50 100
52 32.3 27.4 41.0



#4
Vinyl Chloride
Concen: 21.435 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 62 Resp: 121179
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0

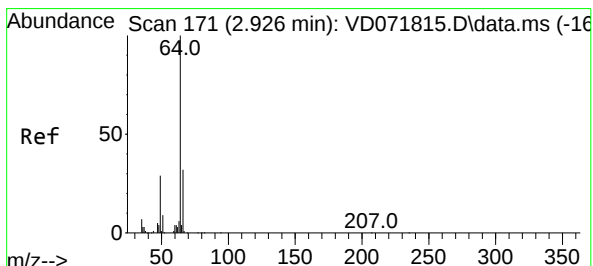
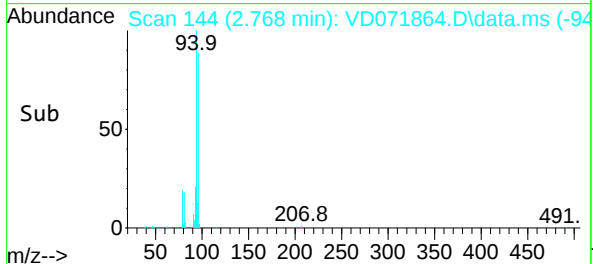
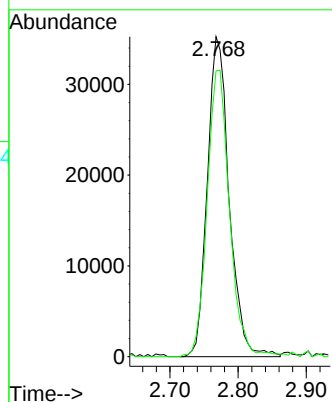
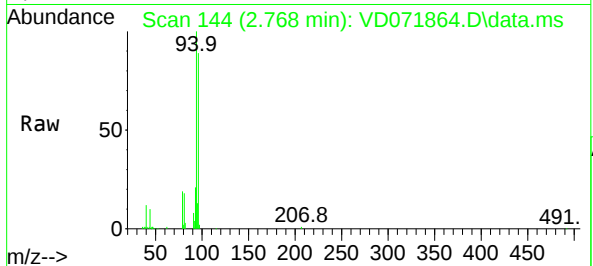




#5
Bromomethane
Concen: 21.082 ug/l
RT: 2.768 min Scan# 145
Delta R.T. -0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

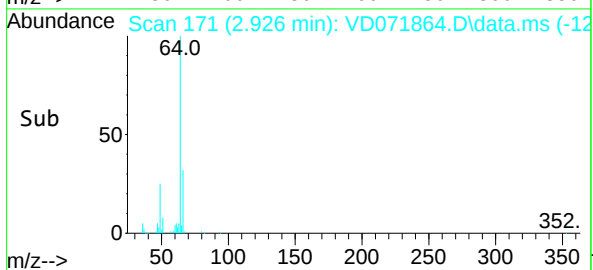
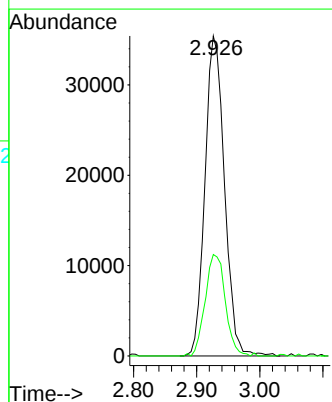
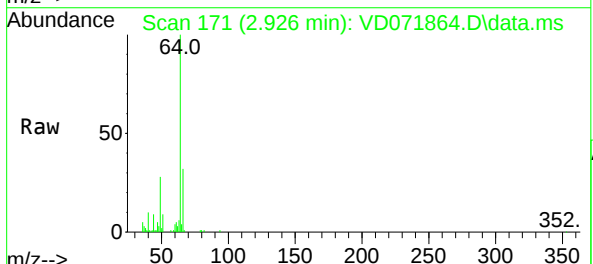
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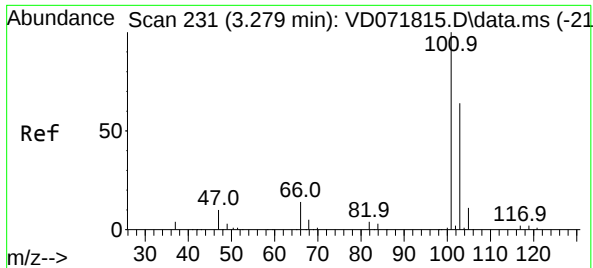
Tgt Ion: 94 Resp: 78638
Ion Ratio Lower Upper
94 100
96 89.3 77.6 116.4



#6
Chloroethane
Concen: 21.245 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 64 Resp: 76113
Ion Ratio Lower Upper
64 100
66 31.7 25.9 38.9

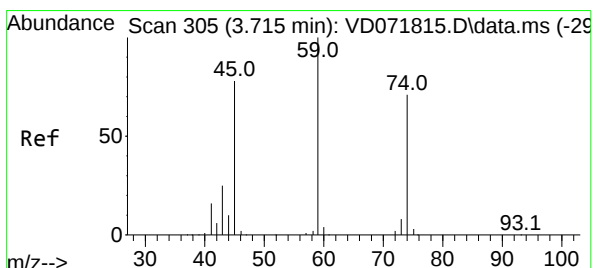
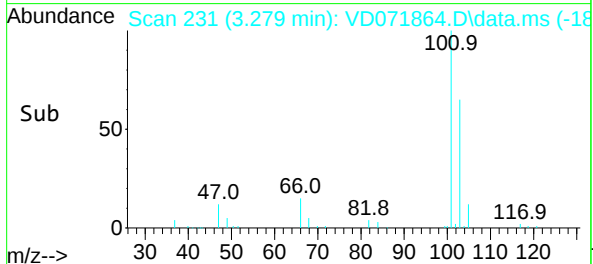
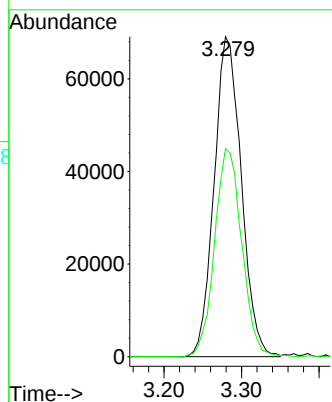
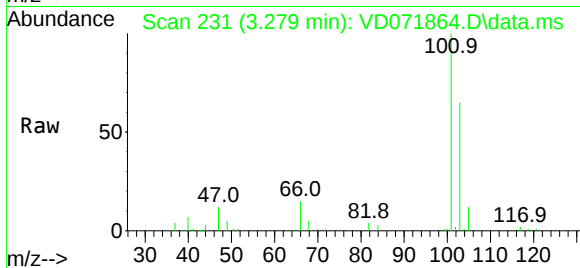




#7
Trichlorofluoromethane
Concen: 20.789 ug/l
RT: 3.279 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

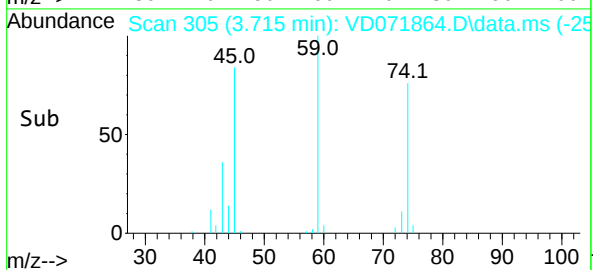
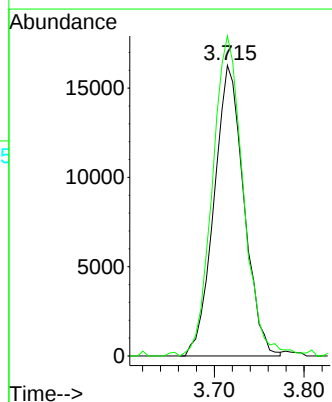
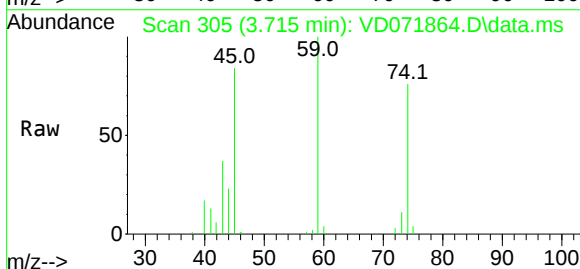
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

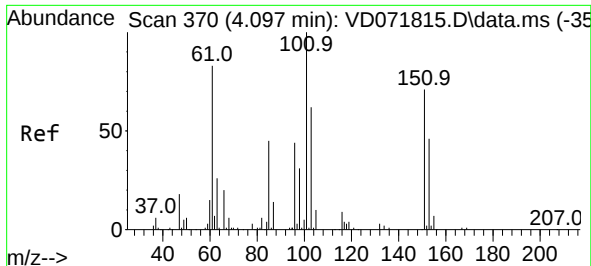
Tgt Ion:101 Resp: 168427
Ion Ratio Lower Upper
101 100
103 65.1 50.1 75.1



#8
Diethyl Ether
Concen: 17.637 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 74 Resp: 37704
Ion Ratio Lower Upper
74 100
45 113.7 52.6 157.8

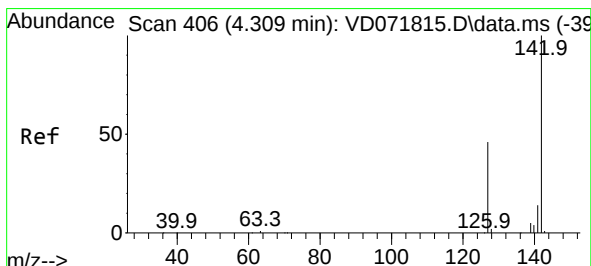
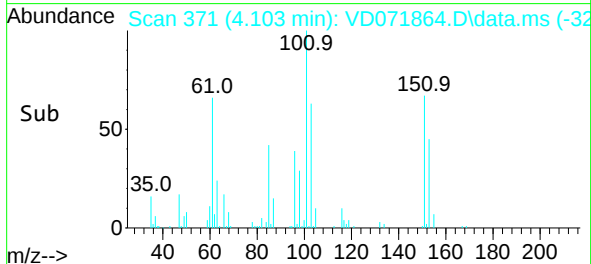
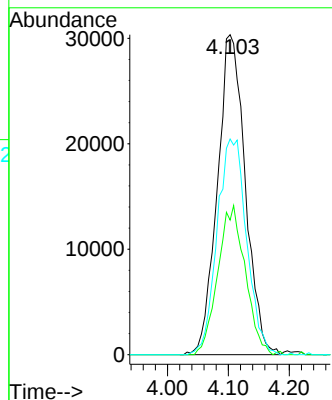
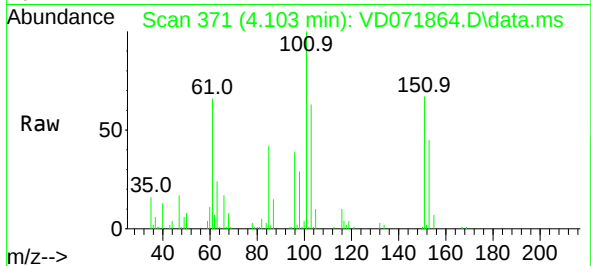




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.138 ug/l
 RT: 4.103 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

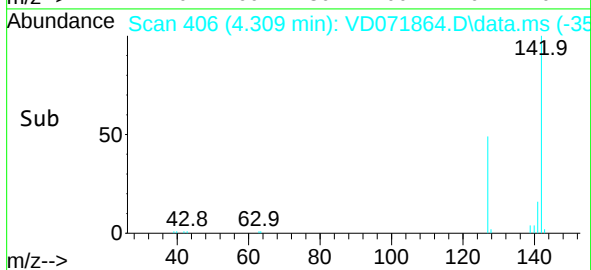
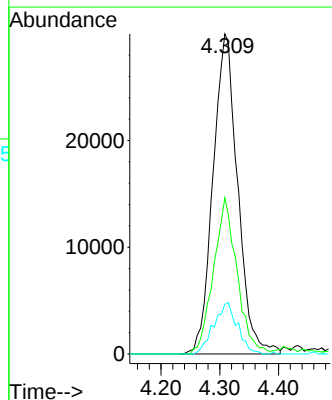
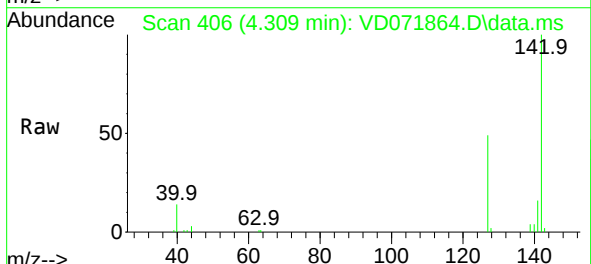
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBSD01

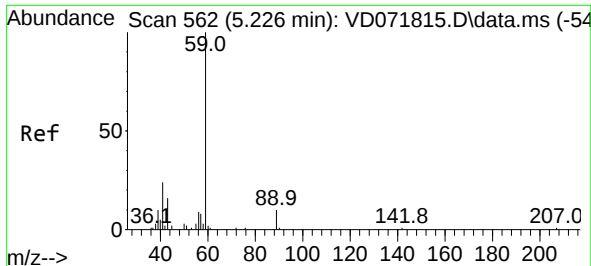
Tgt Ion:101 Resp: 96614
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.4 54.6
 151 71.4 57.3 85.9



#10
 Methyl Iodide
 Concen: 18.679 ug/l
 RT: 4.309 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

Tgt Ion:142 Resp: 87527
 Ion Ratio Lower Upper
 142 100
 127 46.5 37.3 55.9
 141 15.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 32.026 ug/l

RT: 5.214 min Scan# 5

Delta R.T. -0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

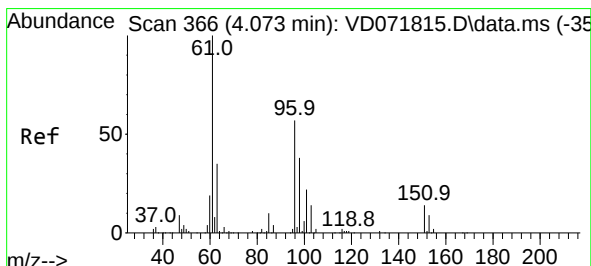
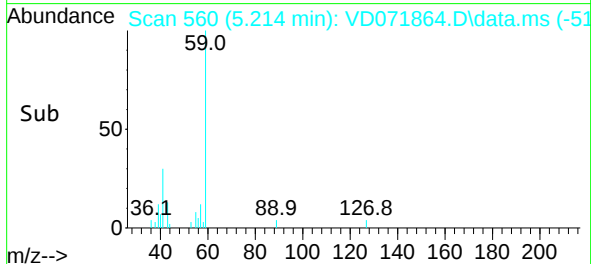
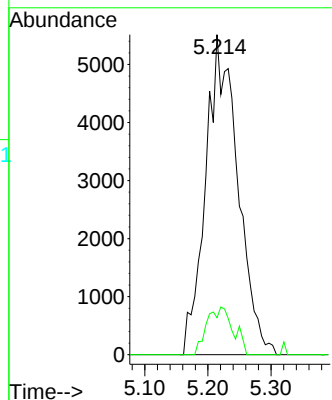
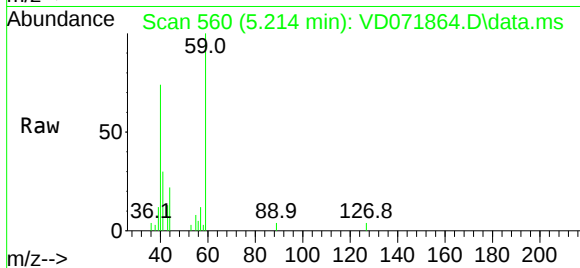
VD0201SBS01

Tgt Ion: 59 Resp: 19548

Ion Ratio Lower Upper

59 100

57 12.1 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 20.141 ug/l

RT: 4.079 min Scan# 367

Delta R.T. 0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

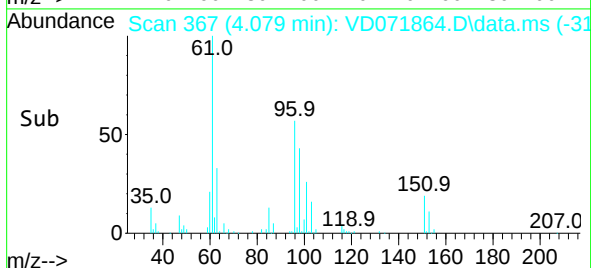
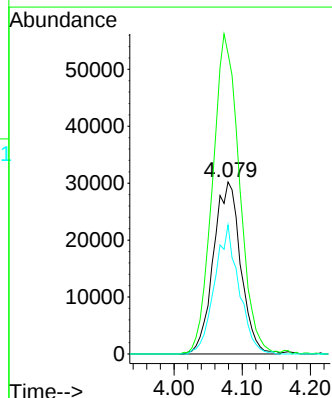
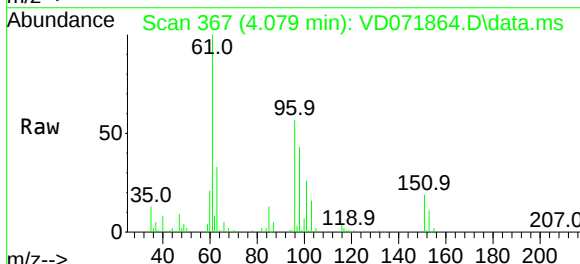
Tgt Ion: 96 Resp: 84159

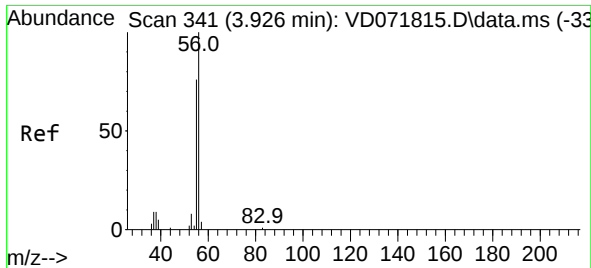
Ion Ratio Lower Upper

96 100

61 174.7 138.5 207.7

98 74.9 48.6 73.0#

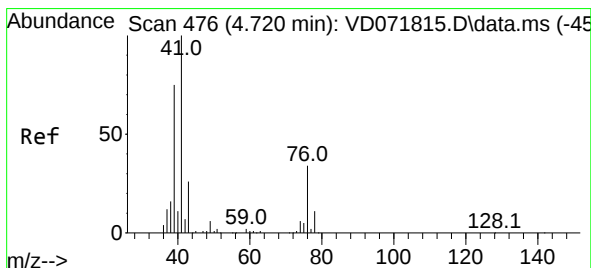
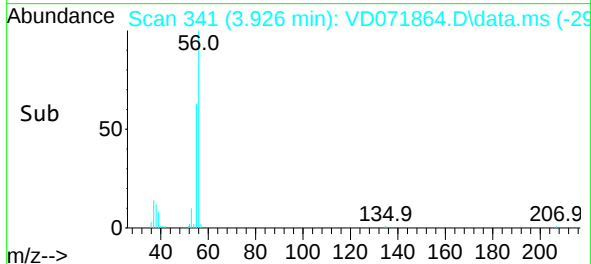
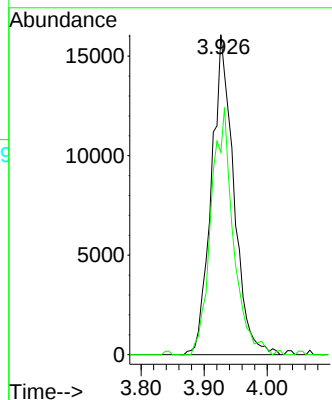
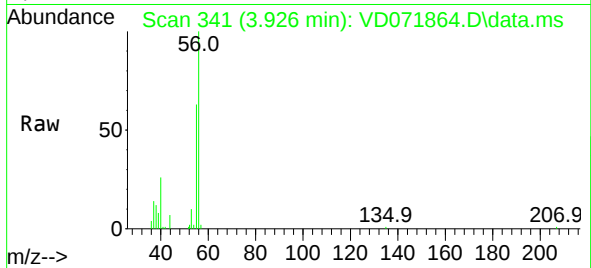




#13
Acrolein
Concen: 92.829 ug/l
RT: 3.926 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

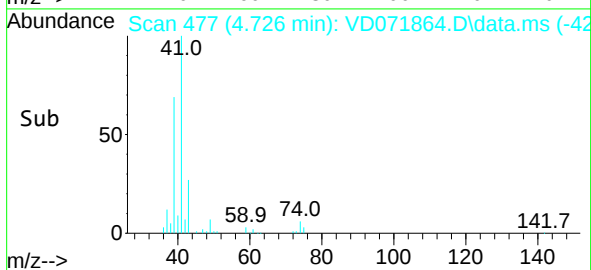
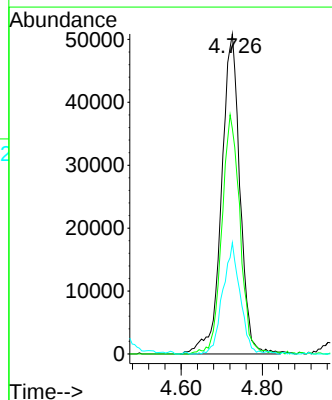
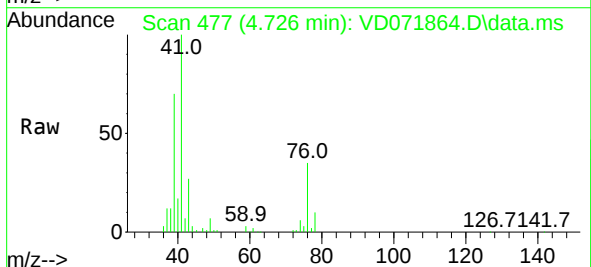
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

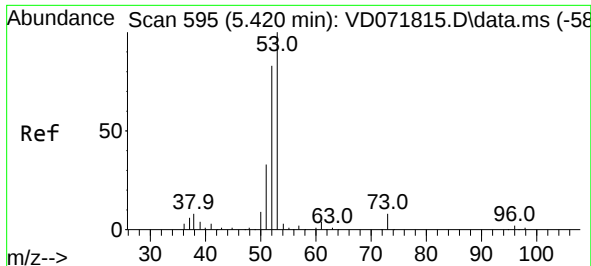
Tgt Ion: 56 Resp: 39636
Ion Ratio Lower Upper
56 100
55 76.6 57.1 85.7



#14
Allyl chloride
Concen: 20.237 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 41 Resp: 161185
Ion Ratio Lower Upper
41 100
39 73.6 59.3 88.9
76 32.5 25.7 38.5

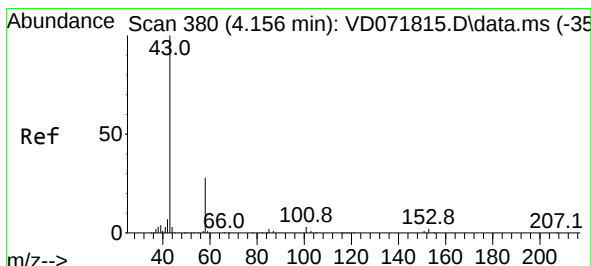
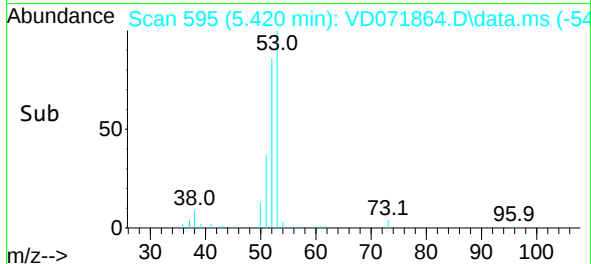
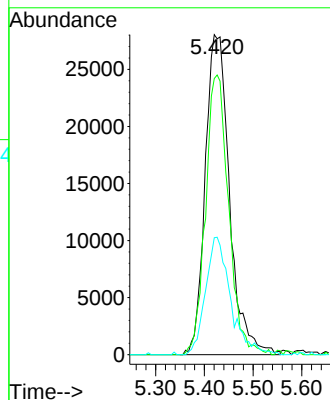
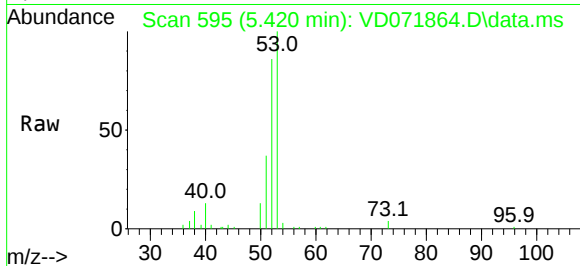




#15
Acrylonitrile
Concen: 89.581 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

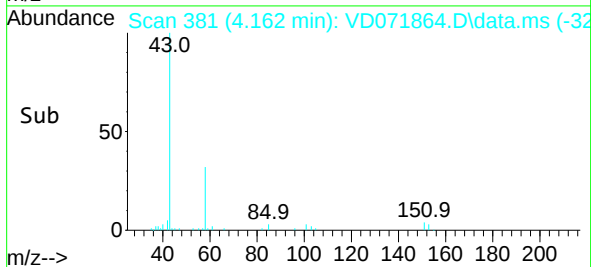
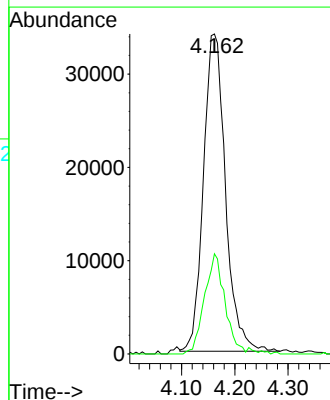
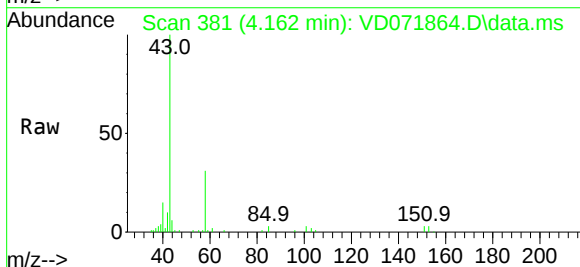
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

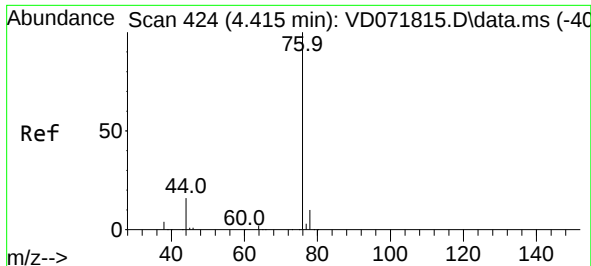
Tgt Ion: 53 Resp: 97328
Ion Ratio Lower Upper
53 100
52 83.0 67.2 100.8
51 37.9 30.3 45.5



#16
Acetone
Concen: 74.261 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 43 Resp: 97723
Ion Ratio Lower Upper
43 100
58 31.6 22.1 33.1

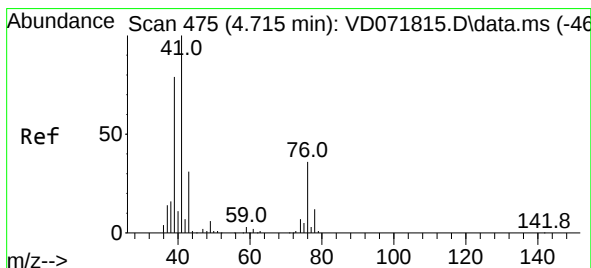
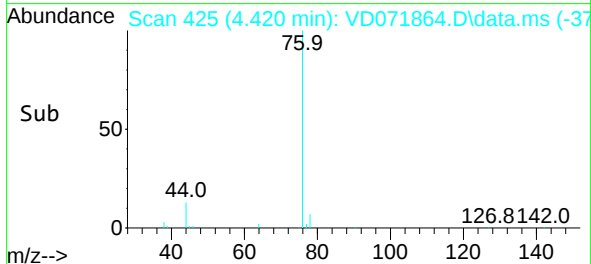
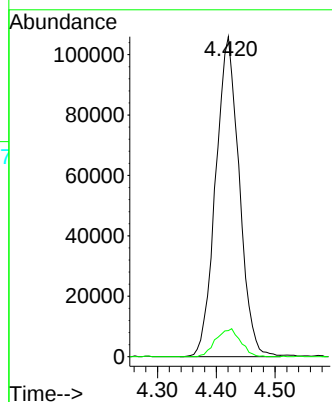
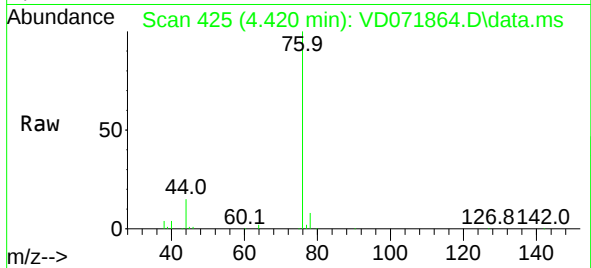




#17
Carbon Disulfide
Concen: 20.252 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

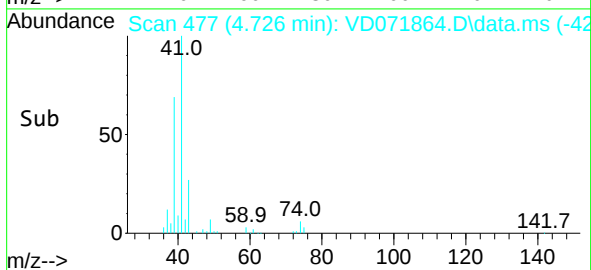
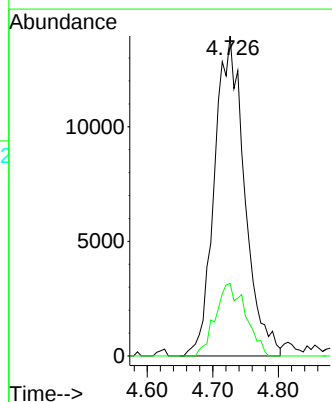
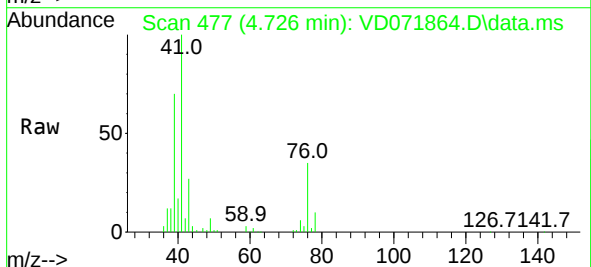
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

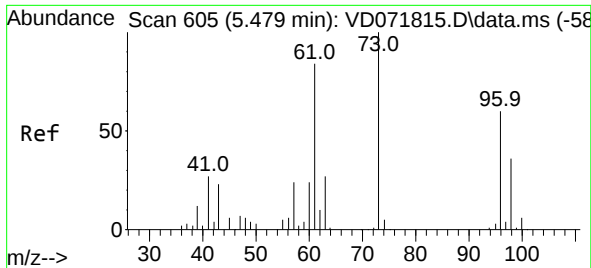
Tgt Ion: 76 Resp: 295076
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 15.629 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 43 Resp: 44467
Ion Ratio Lower Upper
43 100
74 22.8 16.7 25.1

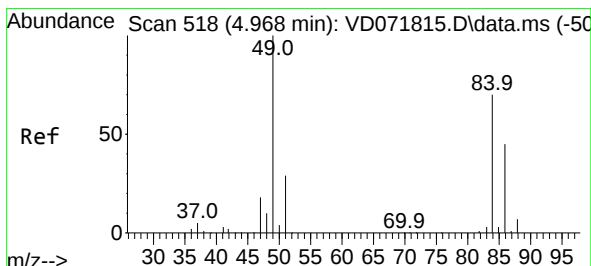
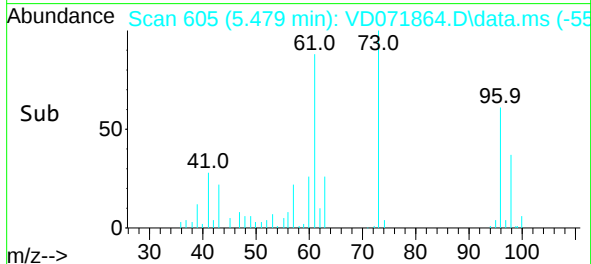
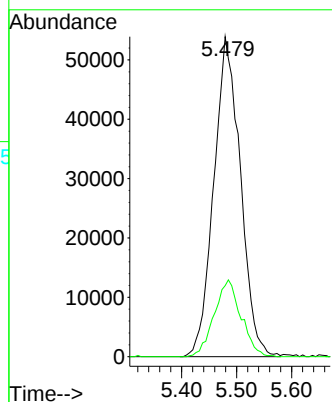
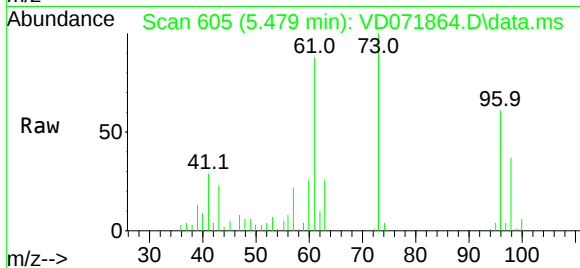




#19
Methyl tert-butyl Ether
Concen: 18.148 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

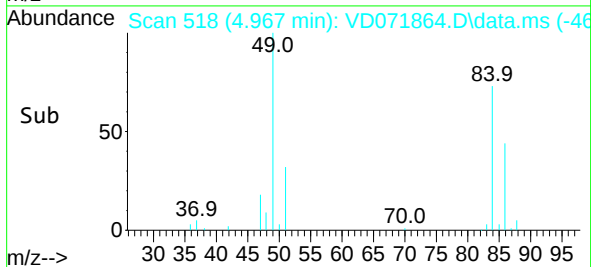
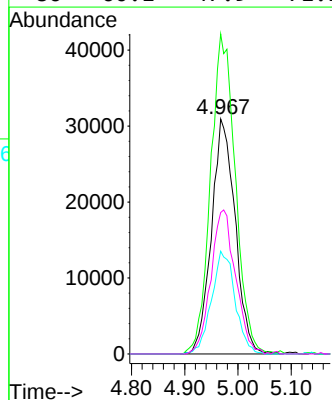
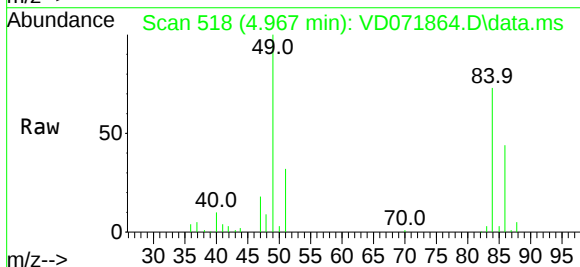
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

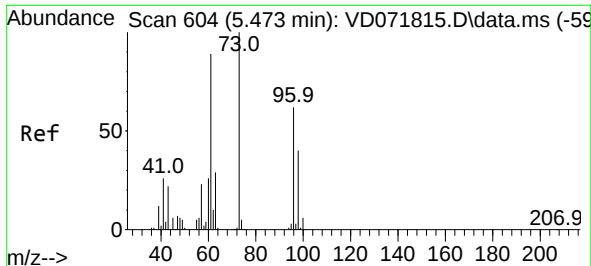
Tgt Ion: 73 Resp: 181408
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 17.465 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 84 Resp: 95576
Ion Ratio Lower Upper
84 100
49 136.1 112.8 169.2
51 43.7 32.6 48.8
86 60.1 47.9 71.9

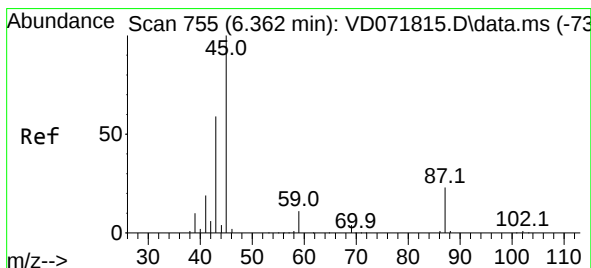
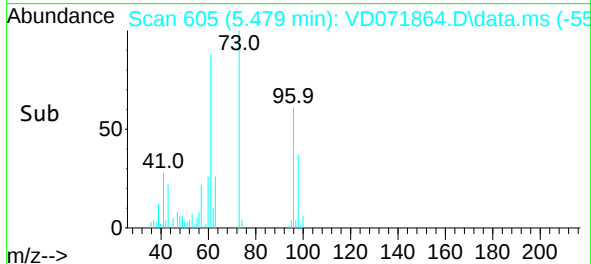
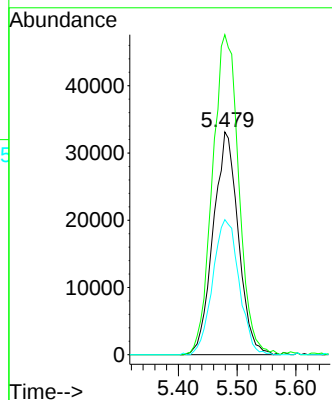
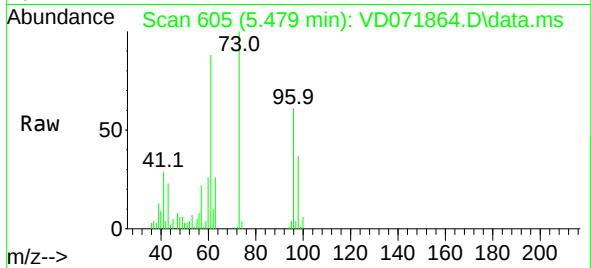




#21
trans-1,2-Dichloroethene
Concen: 20.148 ug/l
RT: 5.479 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

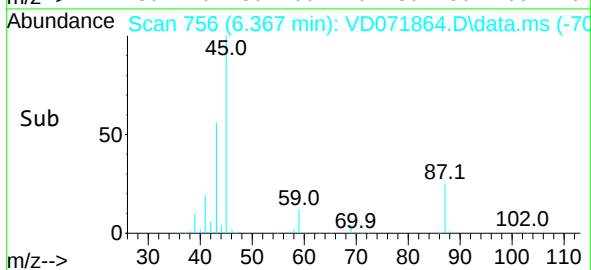
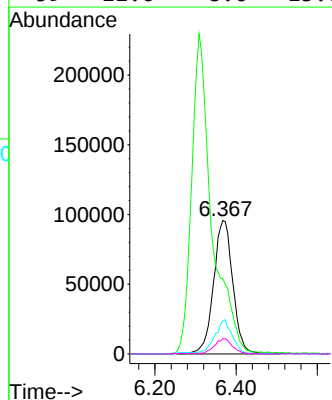
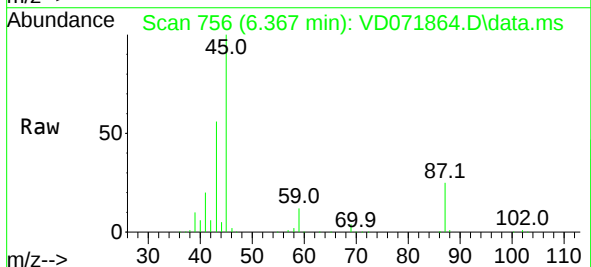
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

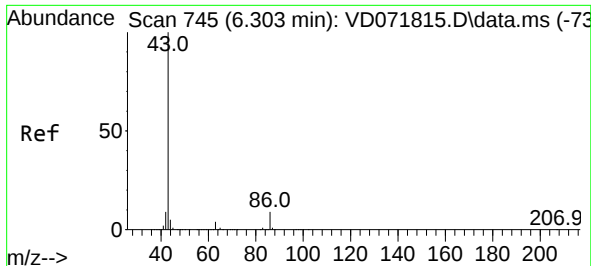
Tgt Ion: 96 Resp: 98010
Ion Ratio Lower Upper
96 100
61 143.7 117.9 176.9
98 60.7 49.4 74.2



#22
Diisopropyl ether
Concen: 20.274 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 45 Resp: 316496
Ion Ratio Lower Upper
45 100
43 55.4 46.6 70.0
87 25.2 18.4 27.6
59 11.6 8.6 13.0

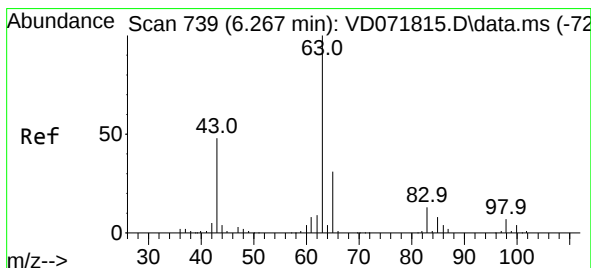
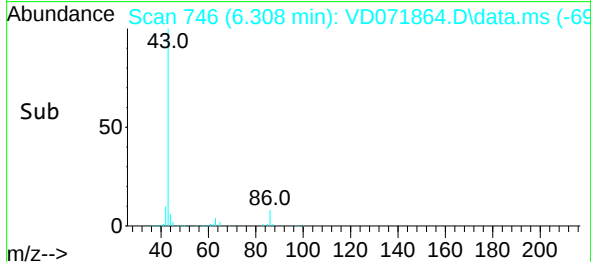
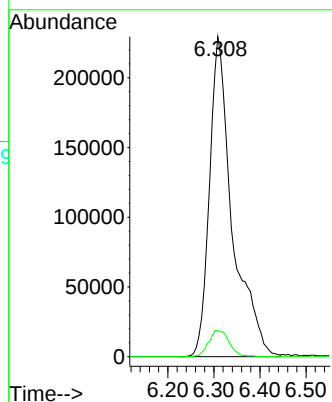
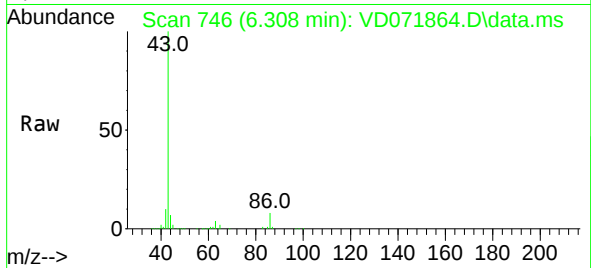




#23
 Vinyl Acetate
 Concen: 91.911 ug/l
 RT: 6.308 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

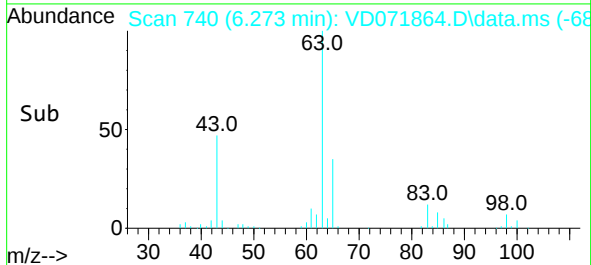
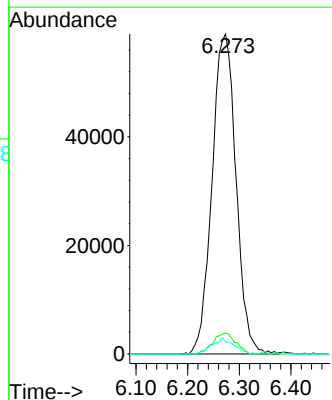
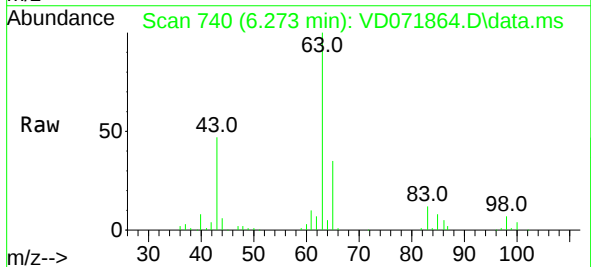
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBSD01

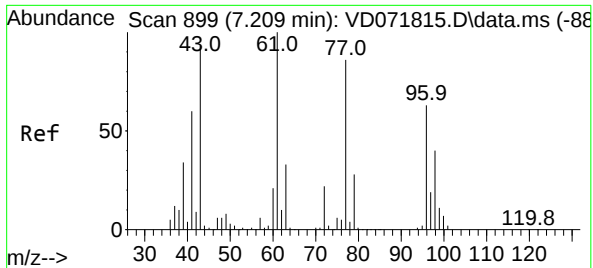
Tgt Ion: 43 Resp: 791518
 Ion Ratio Lower Upper
 43 100
 86 8.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 20.863 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.006 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

Tgt Ion: 63 Resp: 189827
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 3.8 2.1 6.5

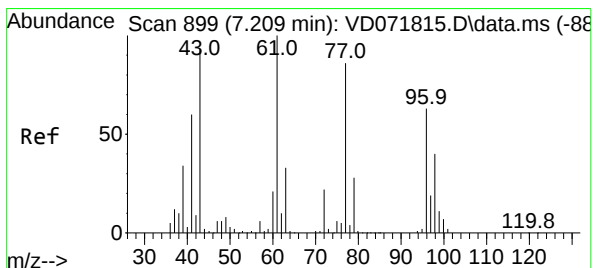
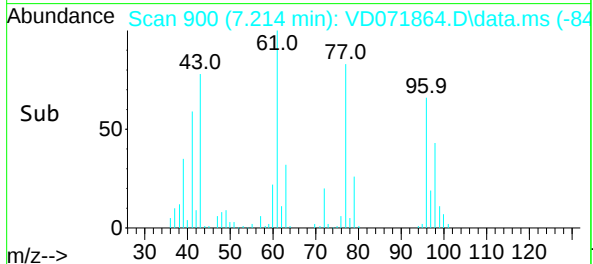
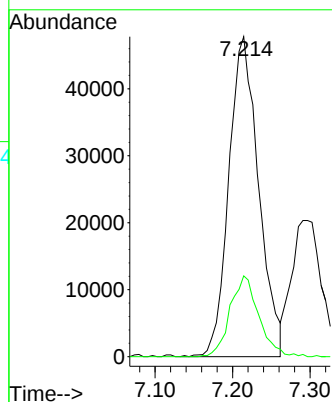
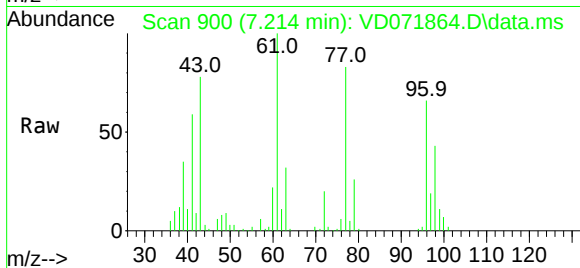




#25
2-Butanone
Concen: 83.282 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

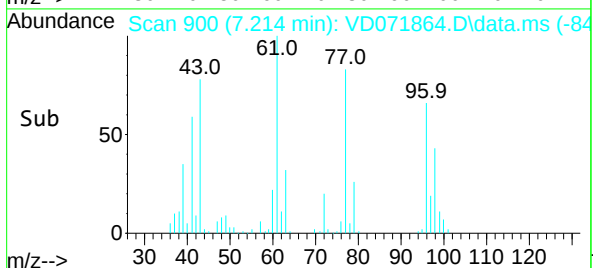
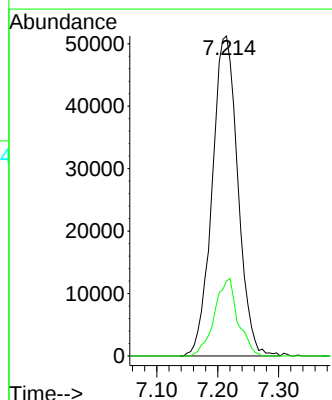
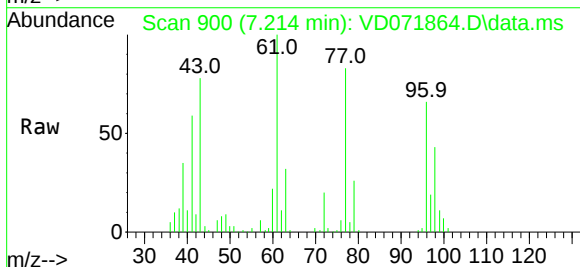
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

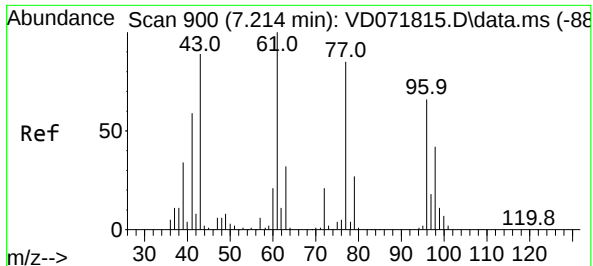
Tgt Ion: 43 Resp: 127762
Ion Ratio Lower Upper
43 100
72 25.3 18.6 27.8



#26
2,2-Dichloropropane
Concen: 19.980 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 77 Resp: 150444
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.4

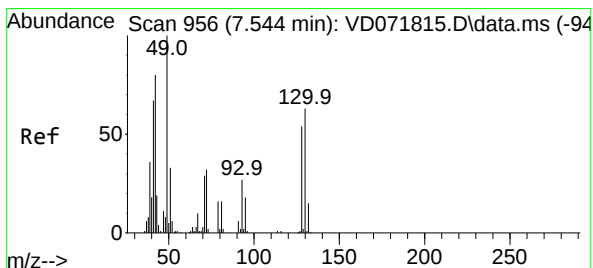
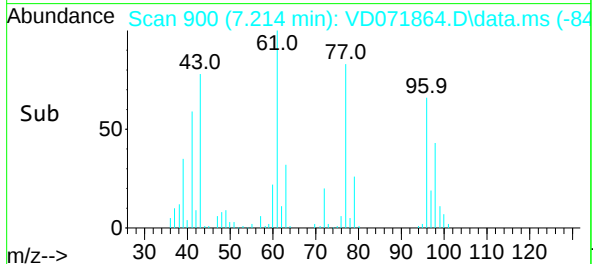
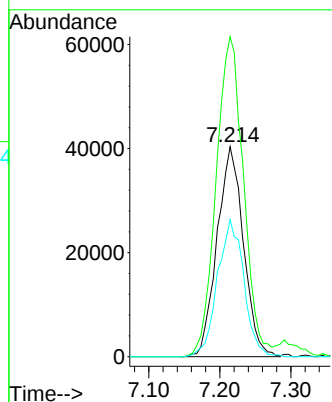
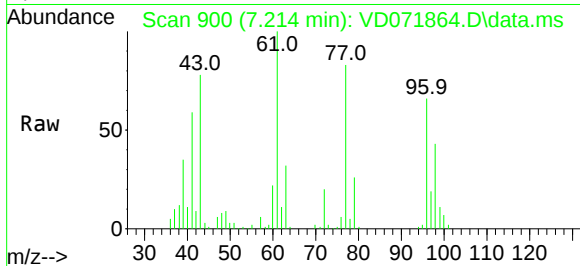




#27
 cis-1,2-Dichloroethene
 Concen: 19.926 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. -0.000 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

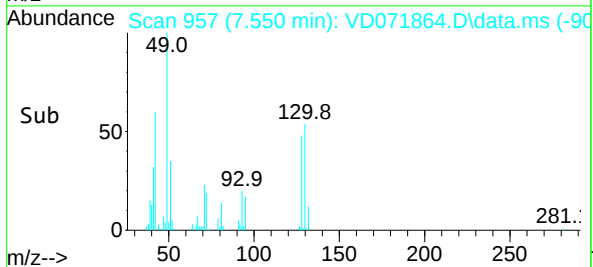
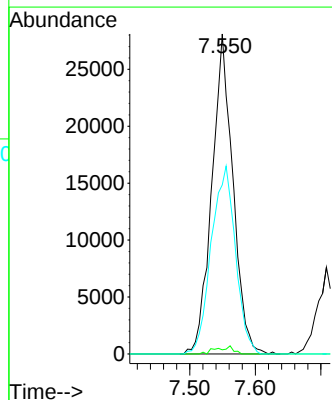
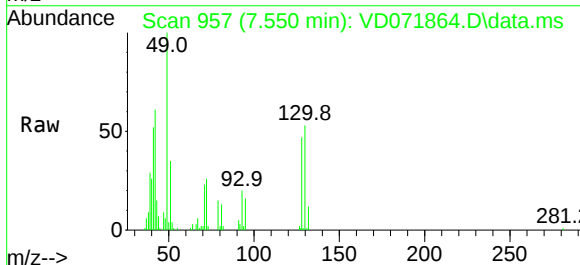
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBSD01

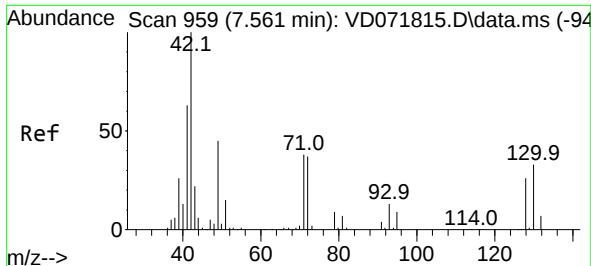
Tgt Ion: 96 Resp: 104104
 Ion Ratio Lower Upper
 96 100
 61 157.8 0.0 313.8
 98 65.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.252 ug/l
 RT: 7.550 min Scan# 957
 Delta R.T. -0.000 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

Tgt Ion: 49 Resp: 62639
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 67.4 52.6 79.0





#29

Tetrahydrofuran

Concen: 85.465 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBSD01

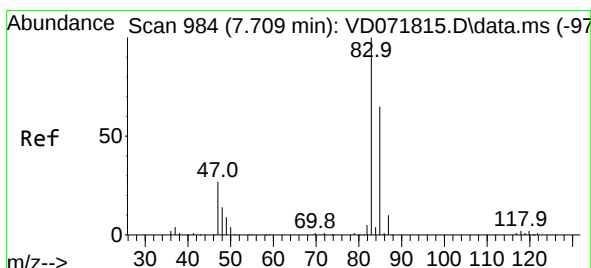
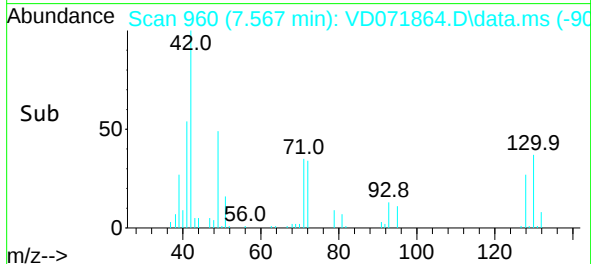
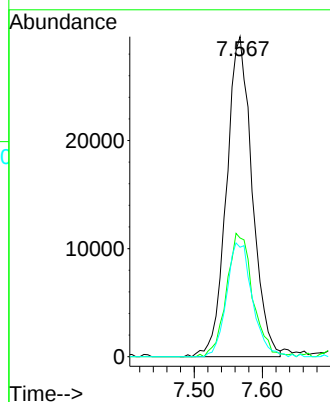
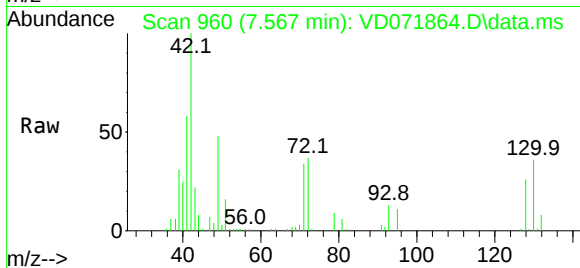
Tgt Ion: 42 Resp: 77577

Ion Ratio Lower Upper

42 100

72 39.5 30.7 46.1

71 35.6 28.6 43.0



#30

Chloroform

Concen: 20.086 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.006 min

Lab File: VD071864.D

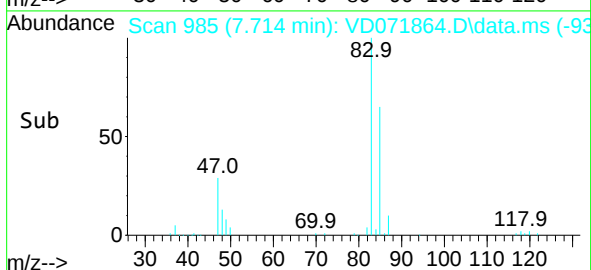
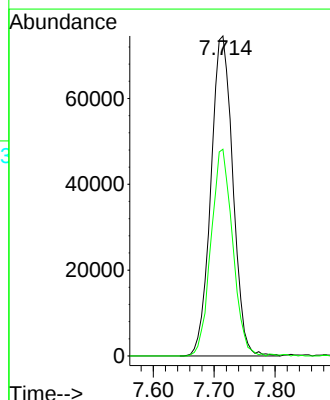
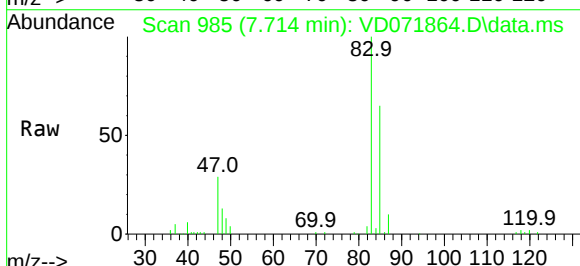
Acq: 01 Feb 2022 11:27

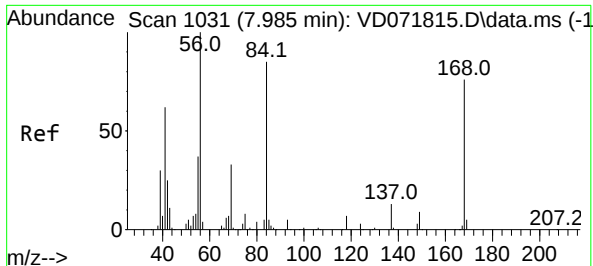
Tgt Ion: 83 Resp: 186715

Ion Ratio Lower Upper

83 100

85 64.6 52.7 79.1





#31

Cyclohexane

Concen: 20.138 ug/l

RT: 7.991 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBSD01

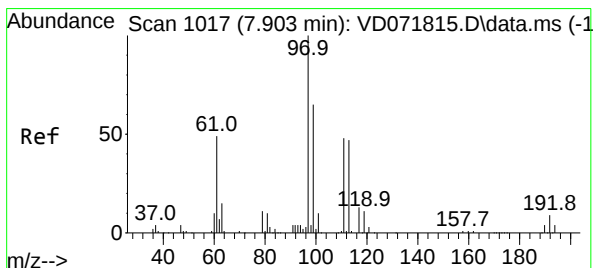
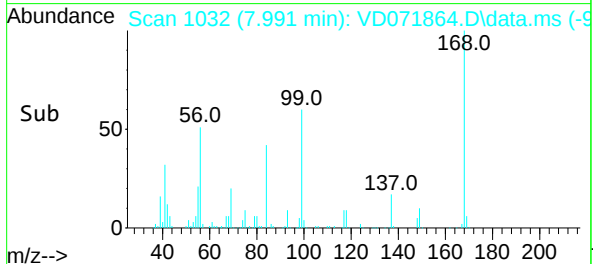
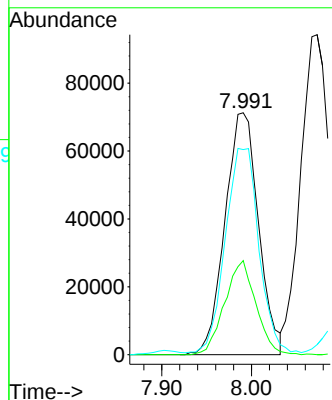
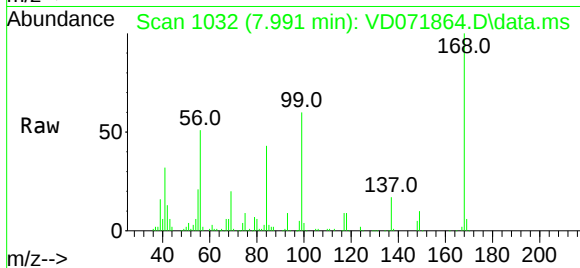
Tgt Ion: 56 Resp: 184819

Ion Ratio Lower Upper

56 100

69 38.9 25.4 38.2#

84 83.9 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 20.308 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

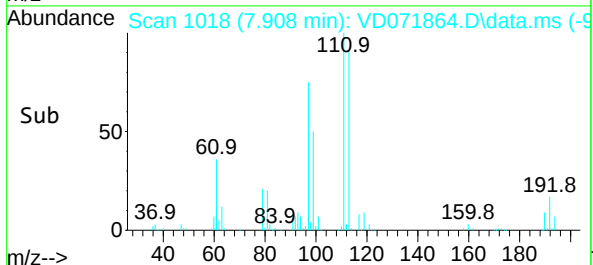
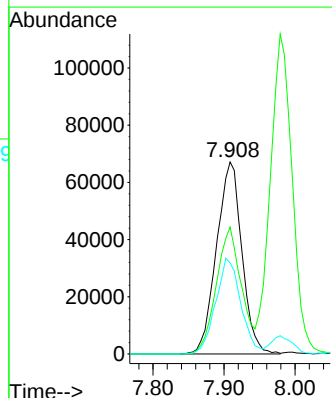
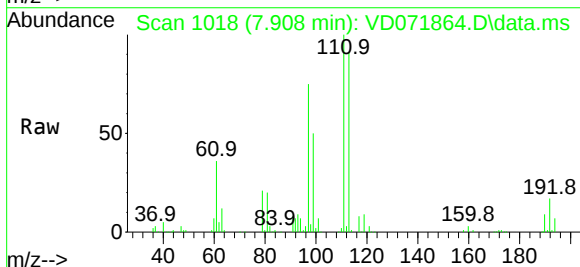
Tgt Ion: 97 Resp: 166508

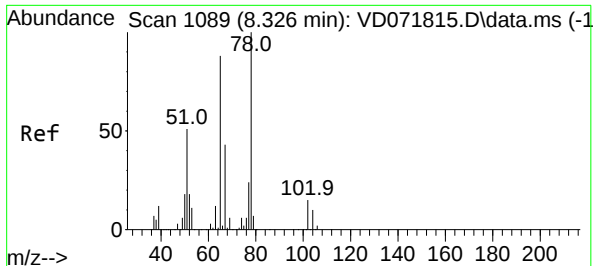
Ion Ratio Lower Upper

97 100

99 65.5 52.4 78.6

61 49.3 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 51.915 ug/l

RT: 8.332 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

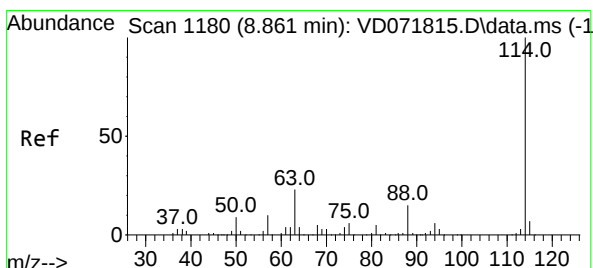
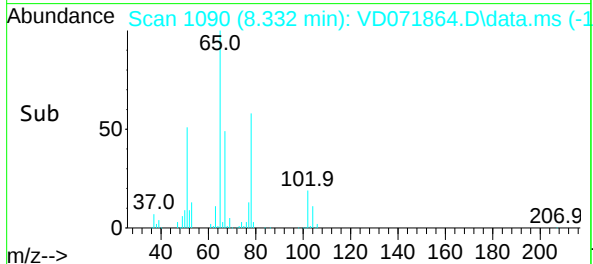
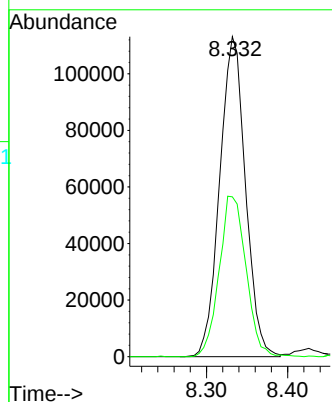
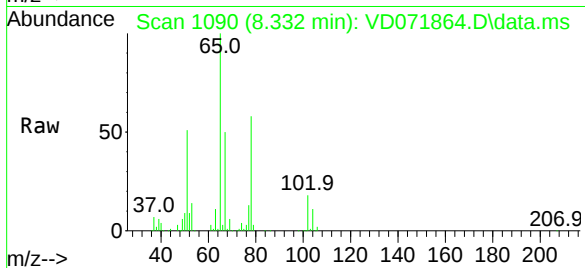
VD0201SBSD01

Tgt Ion: 65 Resp: 249568

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

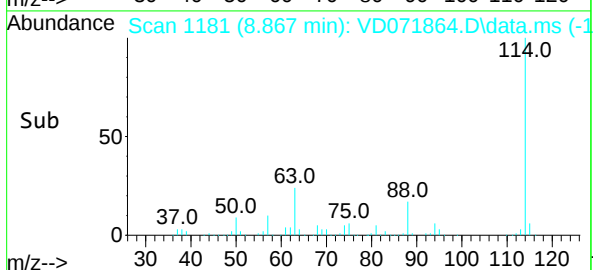
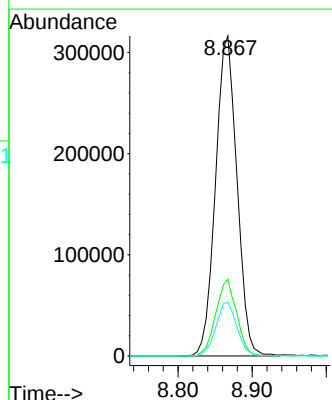
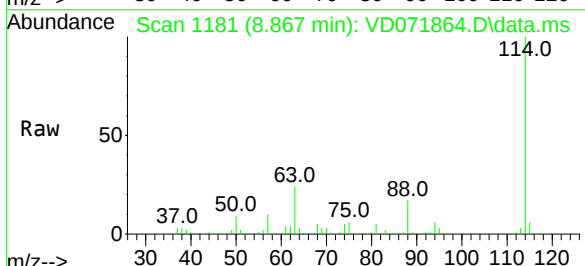
Tgt Ion: 114 Resp: 634828

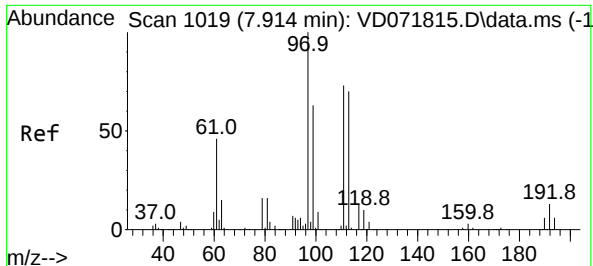
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.6

88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.190 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071864.D

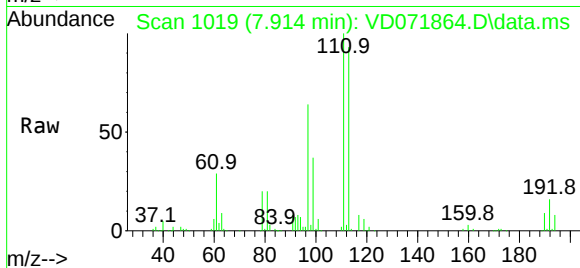
Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBSD01



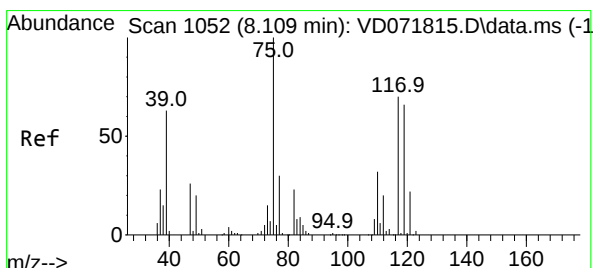
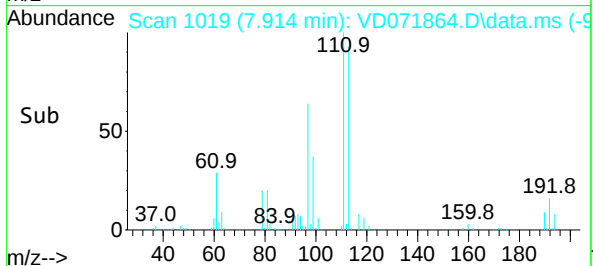
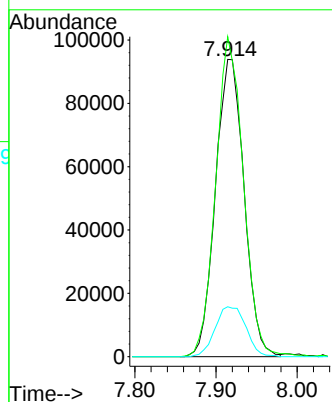
Tgt Ion:113 Resp: 230303

Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 18.1 14.6 21.8



#36

1,1-Dichloropropene

Concen: 21.219 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

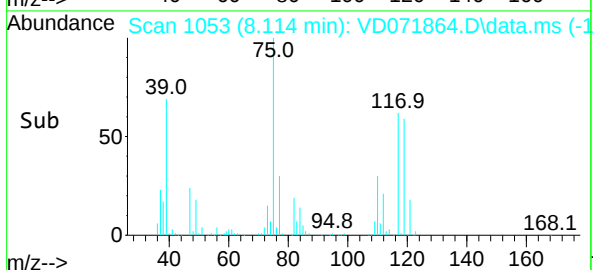
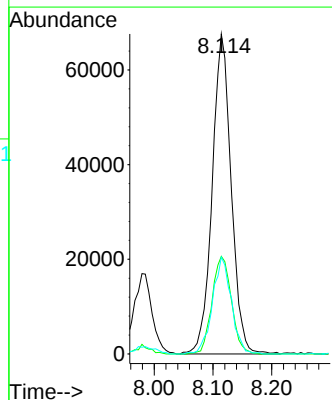
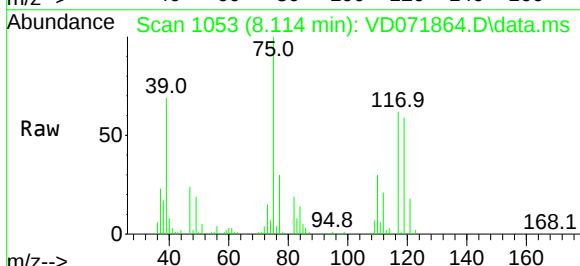
Tgt Ion: 75 Resp: 151972

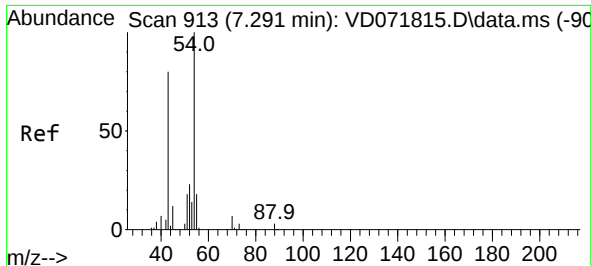
Ion Ratio Lower Upper

75 100

110 31.0 16.4 49.1

77 30.1 24.2 36.2

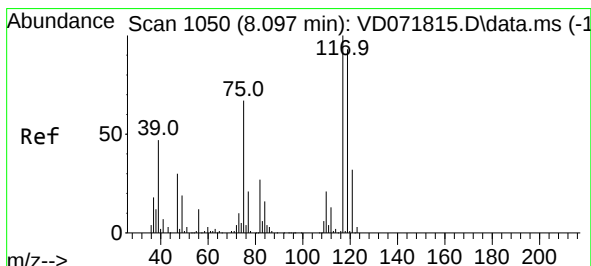
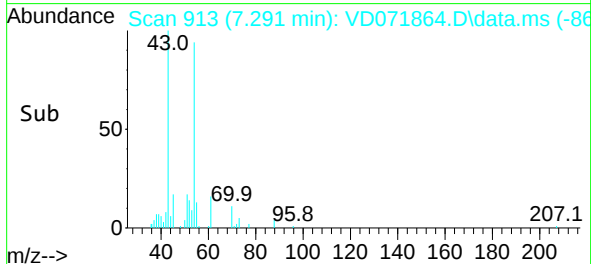
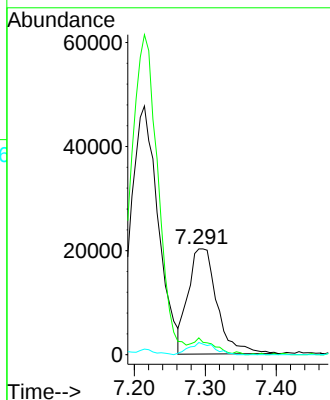
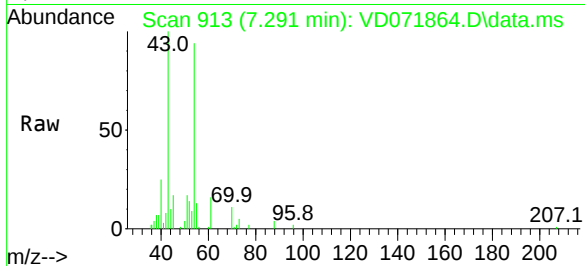




#37
Ethyl Acetate
Concen: 17.226 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

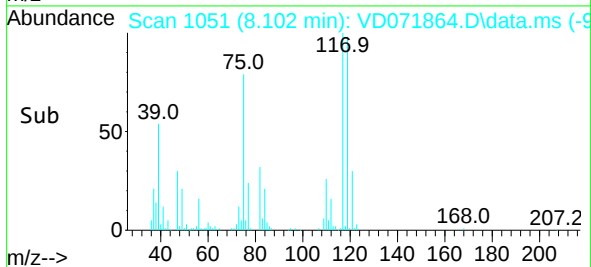
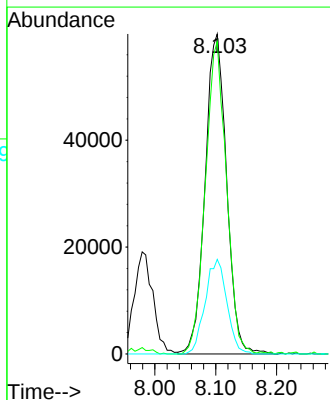
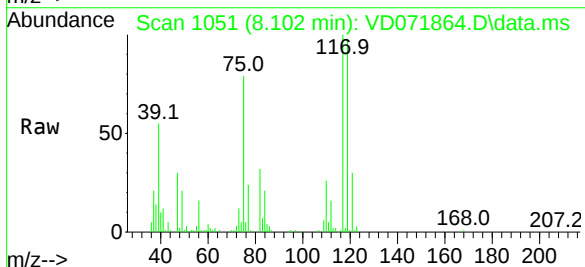
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBS01

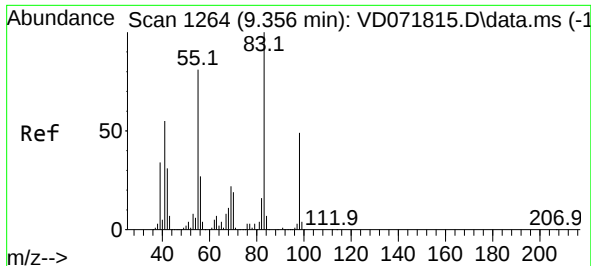
Tgt Ion: 43 Resp: 57360
Ion Ratio Lower Upper
43 100
61 9.0 9.8 14.8#
70 9.9 6.9 10.3



#38
Carbon Tetrachloride
Concen: 20.749 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 117 Resp: 146960
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.6
121 29.5 24.5 36.7





#39

Methylcyclohexane

Concen: 20.191 ug/l

RT: 9.355 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071864.D

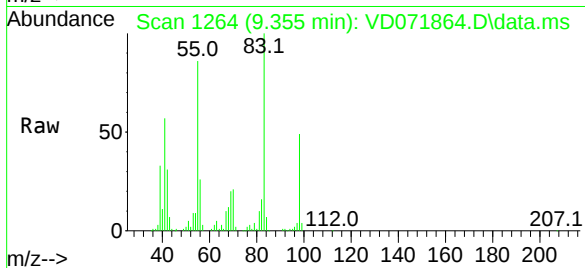
Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBSD01



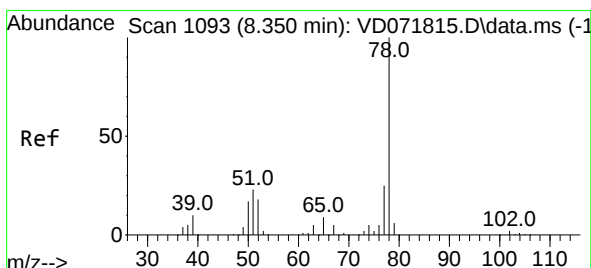
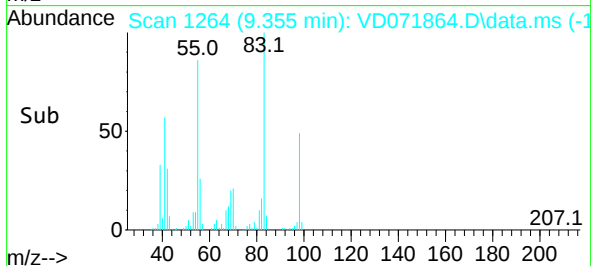
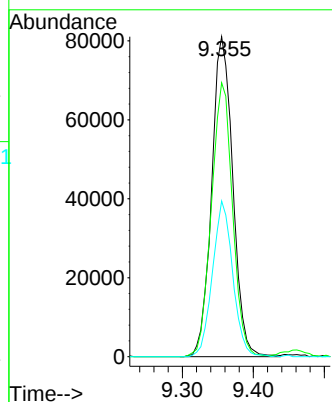
Tgt Ion: 83 Resp: 167559

Ion Ratio Lower Upper

83 100

55 85.6 63.2 94.8

98 48.6 38.2 57.4



#40

Benzene

Concen: 20.621 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071864.D

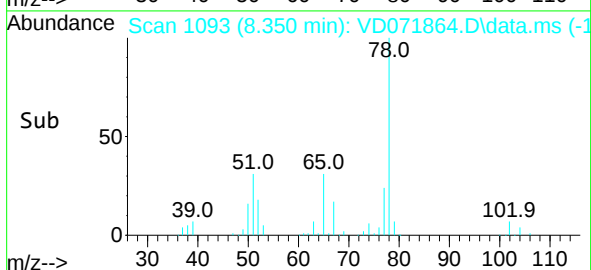
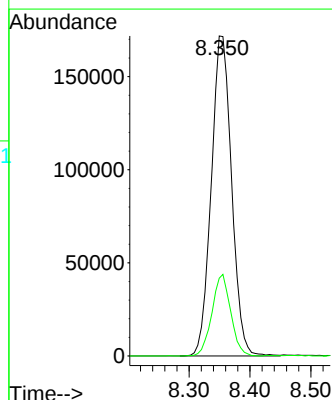
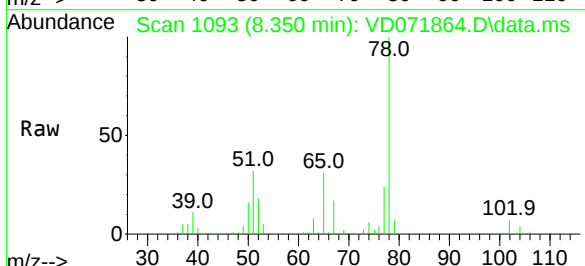
Acq: 01 Feb 2022 11:27

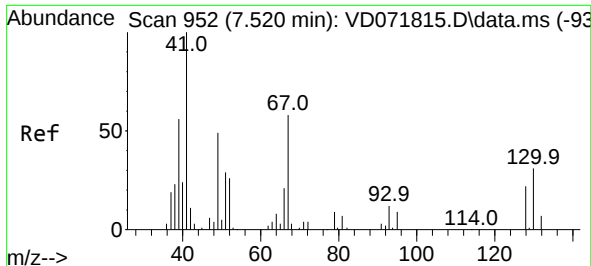
Tgt Ion: 78 Resp: 398665

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

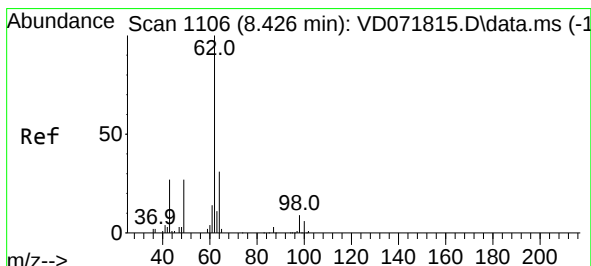
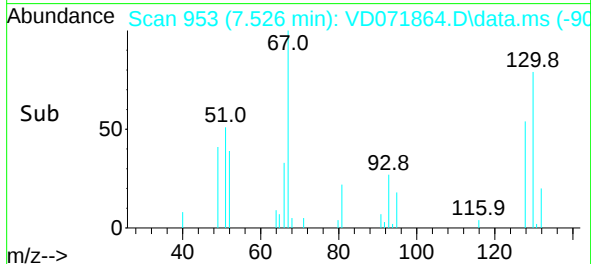
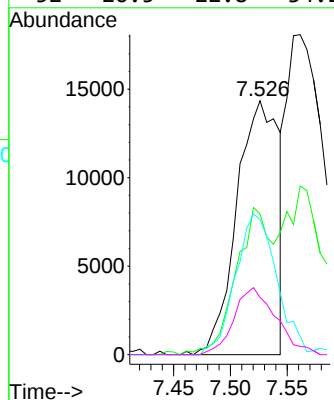
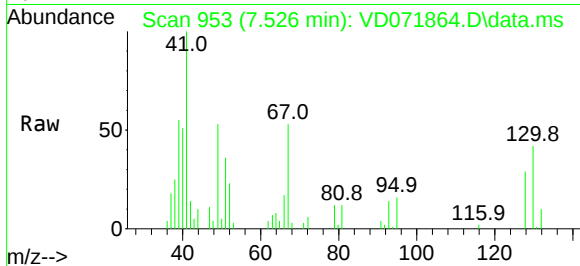




#41
Methacrylonitrile
Concen: 19.527 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

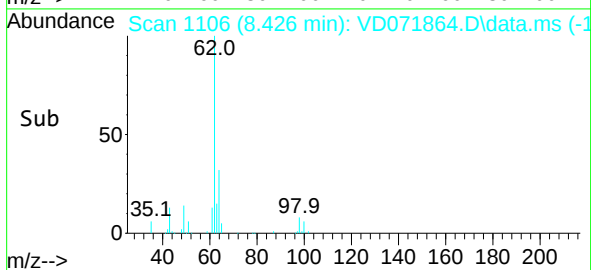
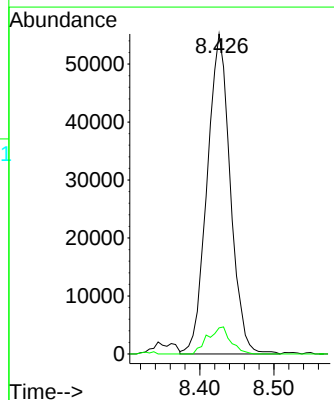
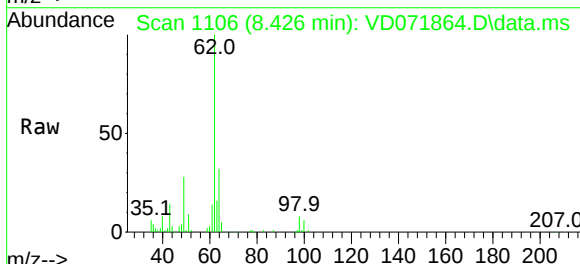
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

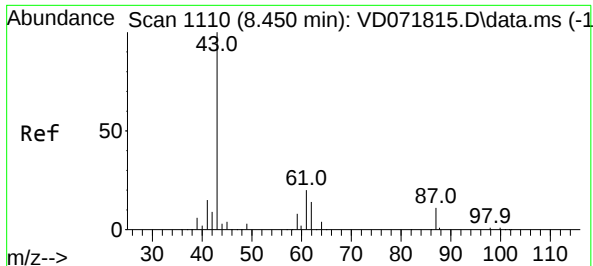
Tgt Ion:	41	Resp:	36785
Ion	Ratio	Lower	Upper
41	100		
39	48.7	44.6	67.0
67	54.8	48.2	72.4
52	26.5	22.8	34.2



#42
1,2-Dichloroethane
Concen: 19.617 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion:	62	Resp:	119758
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6





#43

Isopropyl Acetate

Concen: 17.444 ug/l

RT: 8.455 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBSD01

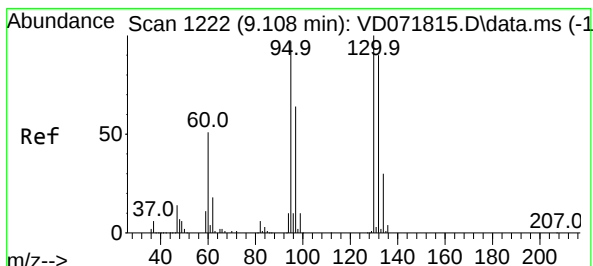
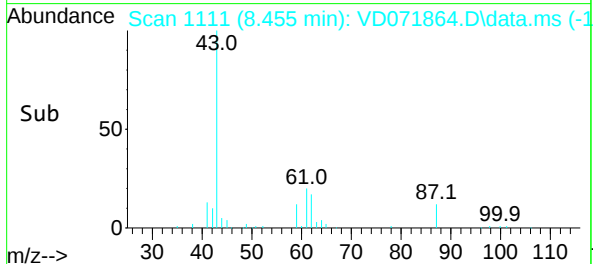
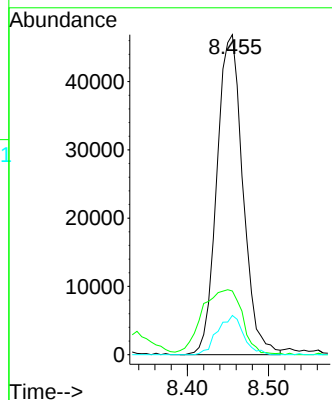
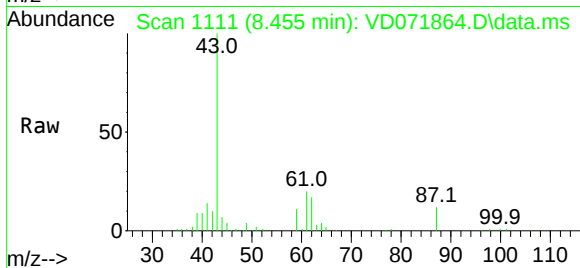
Tgt Ion: 43 Resp: 104398

Ion Ratio Lower Upper

43 100

61 31.7 22.4 33.6

87 12.2 8.7 13.1



#44

Trichloroethene

Concen: 20.771 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD071864.D

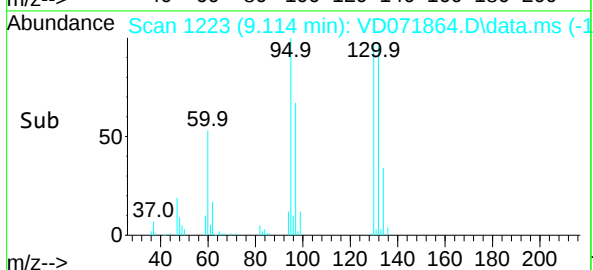
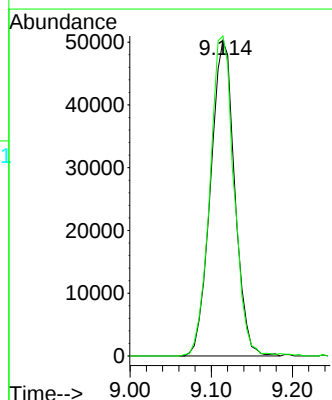
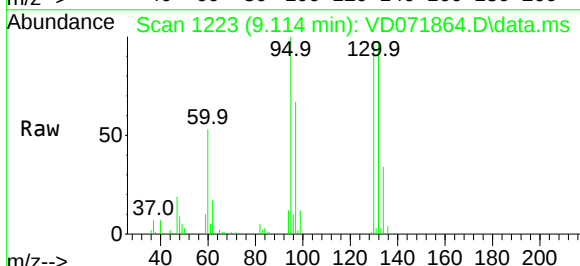
Acq: 01 Feb 2022 11:27

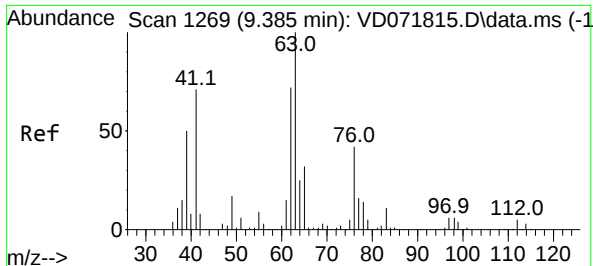
Tgt Ion:130 Resp: 103687

Ion Ratio Lower Upper

130 100

95 101.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.338 ug/l

RT: 9.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

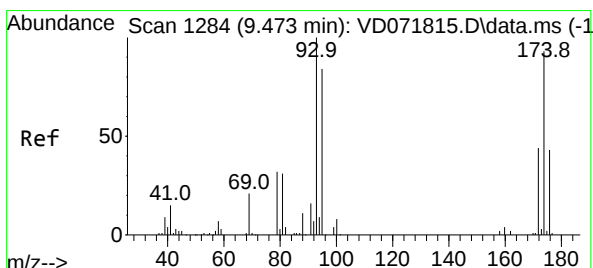
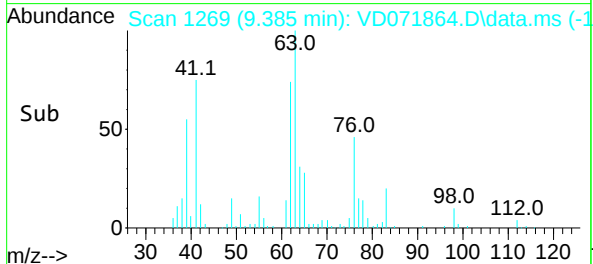
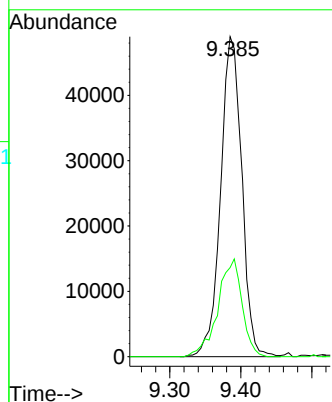
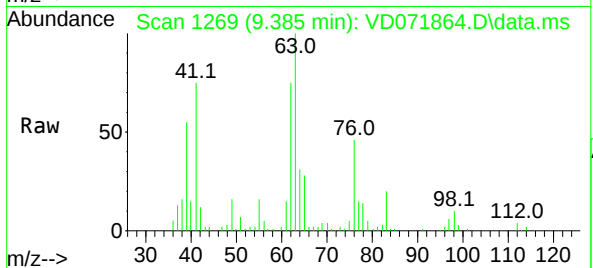
VD0201SBSD01

Tgt Ion: 63 Resp: 101386

Ion Ratio Lower Upper

63 100

65 27.9 26.2 39.4



#46

Dibromomethane

Concen: 19.518 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

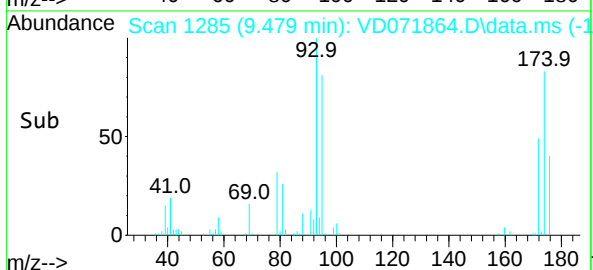
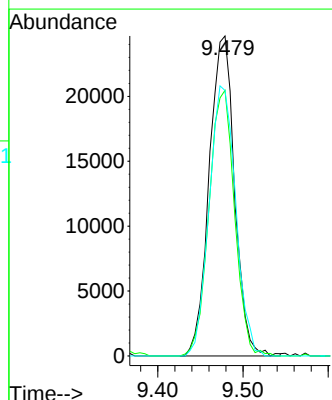
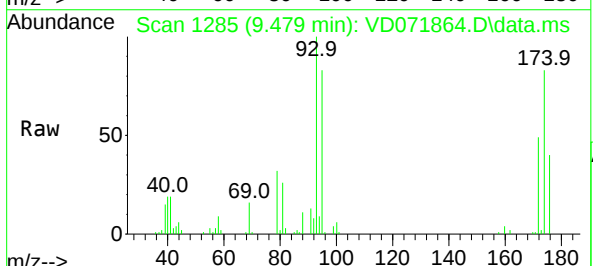
Tgt Ion: 93 Resp: 50947

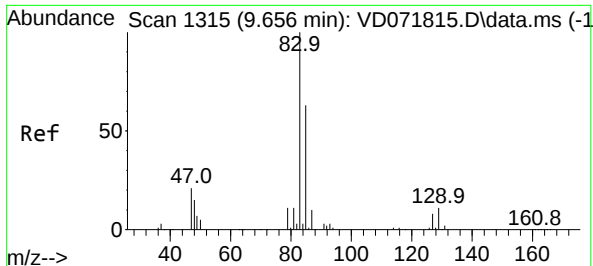
Ion Ratio Lower Upper

93 100

95 83.8 66.7 100.1

174 88.3 71.6 107.4





#47

Bromodichloromethane

Concen: 19.800 ug/l

RT: 9.661 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBSD01

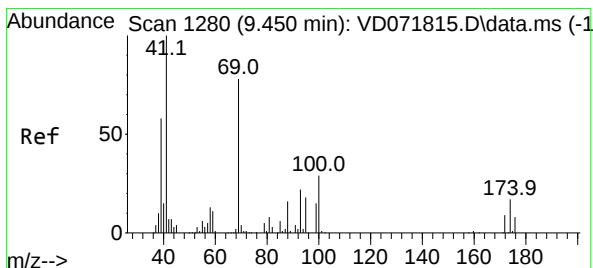
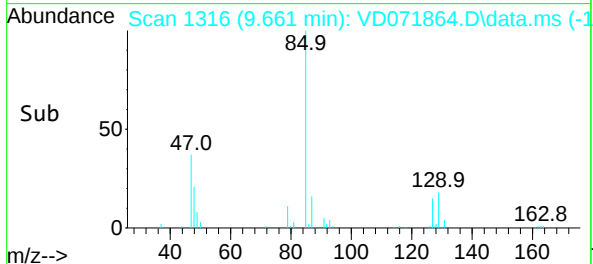
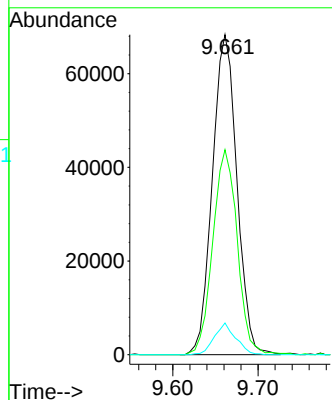
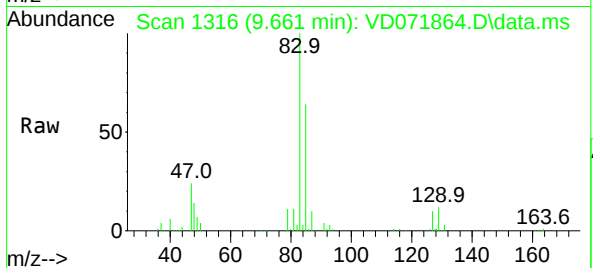
Tgt Ion: 83 Resp: 136681

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.0

127 9.9 6.1 9.1#



#48

Methyl methacrylate

Concen: 17.431 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

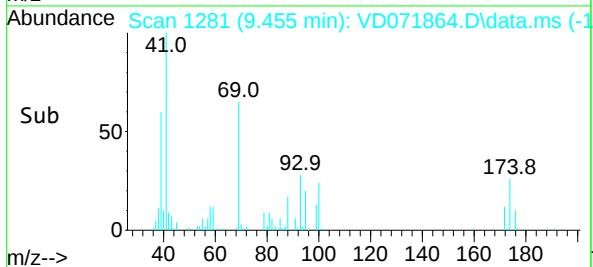
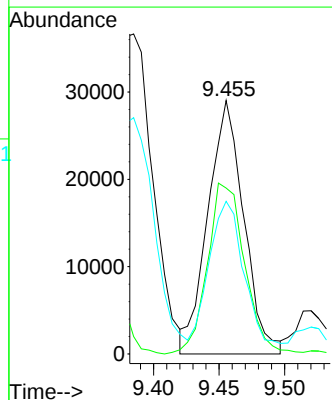
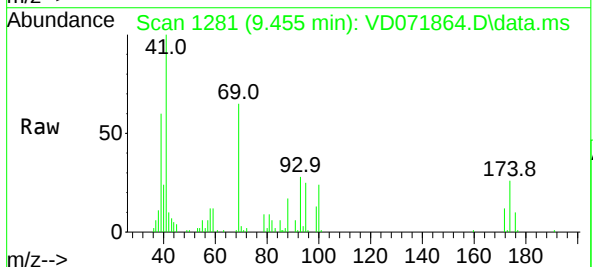
Tgt Ion: 41 Resp: 55211

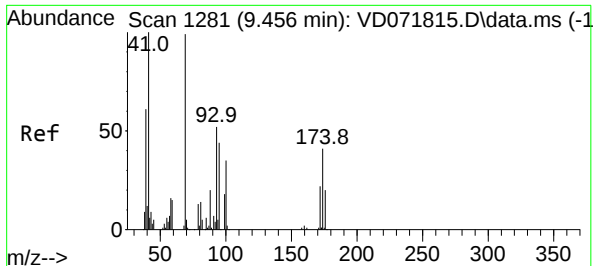
Ion Ratio Lower Upper

41 100

69 70.0 56.7 85.1

39 61.3 42.7 64.1





#49

1,4-Dioxane

Concen: 349.146 ug/l

RT: 9.461 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071864.D

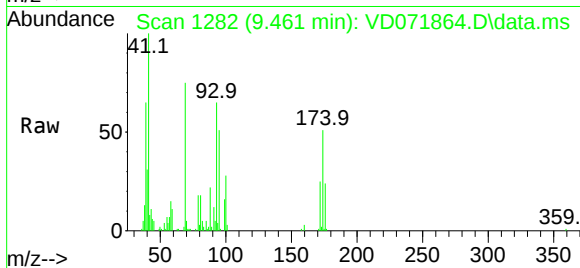
Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBSD01



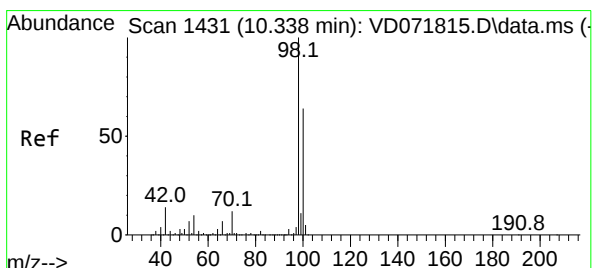
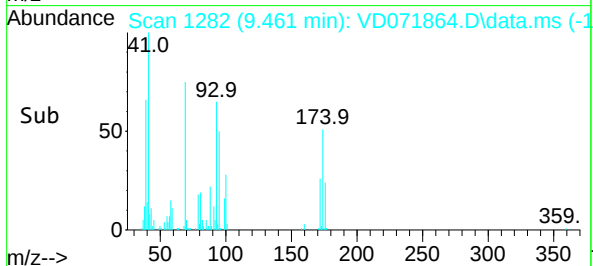
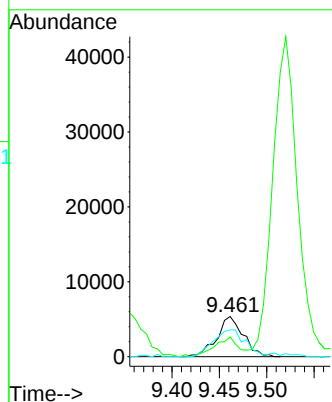
Tgt Ion: 88 Resp: 10402

Ion Ratio Lower Upper

88 100

43 44.5 31.0 46.4

58 81.8 58.1 87.1



#50

Toluene-d8

Concen: 57.186 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071864.D

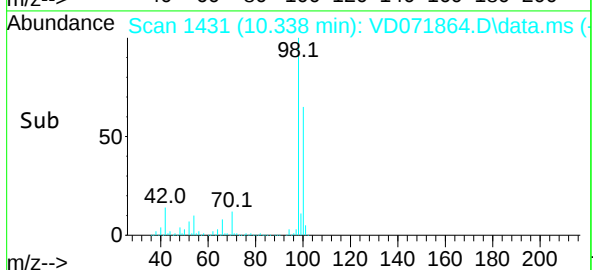
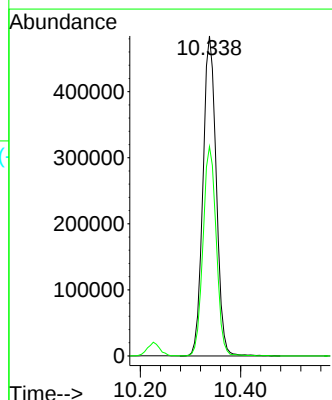
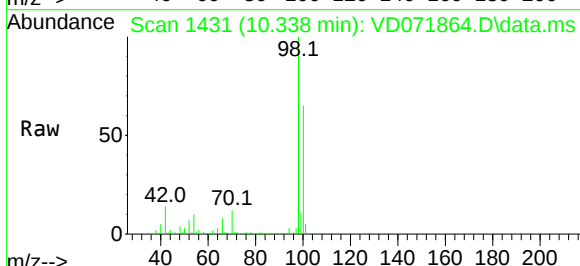
Acq: 01 Feb 2022 11:27

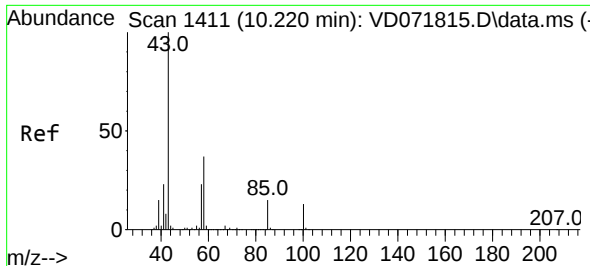
Tgt Ion: 98 Resp: 891217

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6

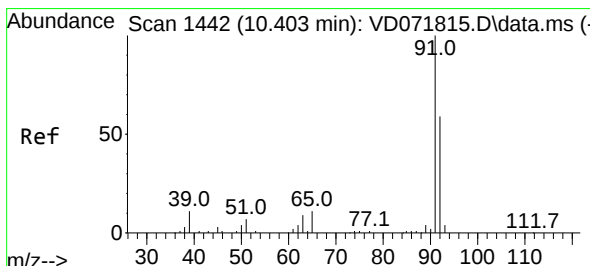
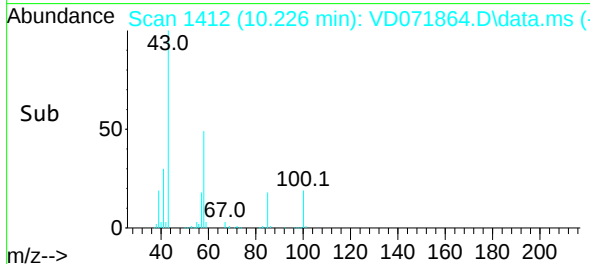
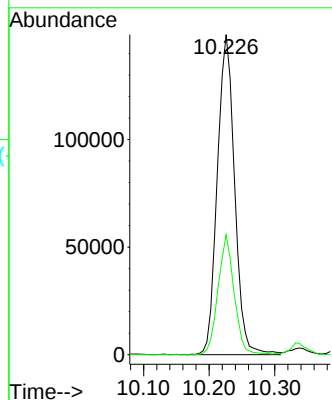
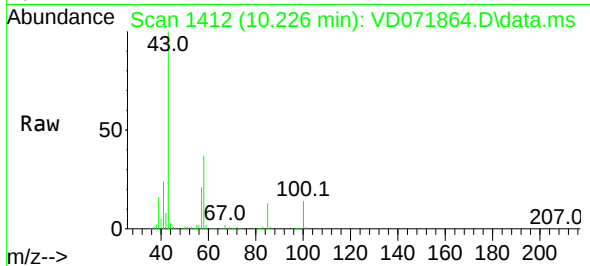




#51
4-Methyl-2-Pentanone
Concen: 86.900 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

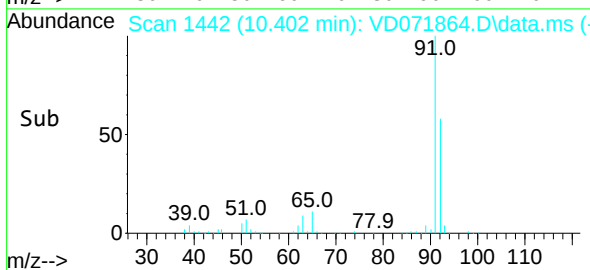
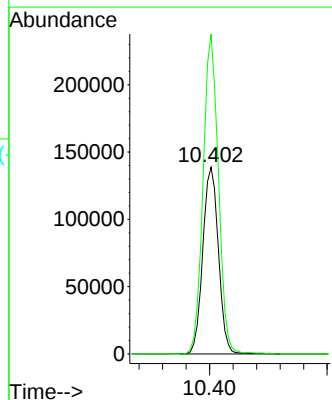
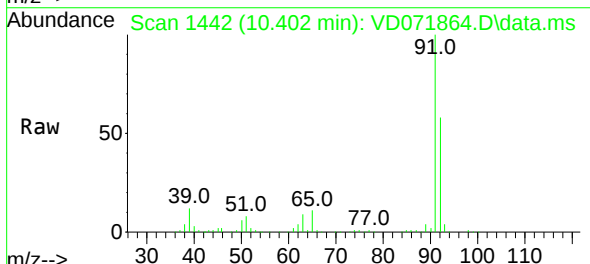
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

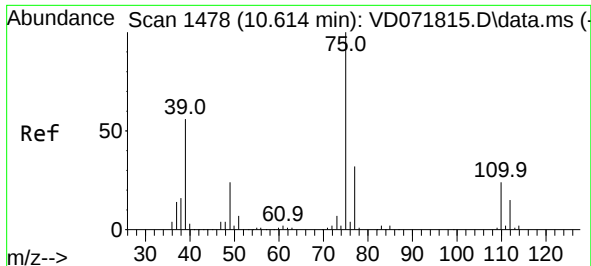
Tgt Ion: 43 Resp: 272164
Ion Ratio Lower Upper
43 100
58 34.9 28.6 43.0



#52
Toluene
Concen: 21.222 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 92 Resp: 255136
Ion Ratio Lower Upper
92 100
91 168.3 139.6 209.4

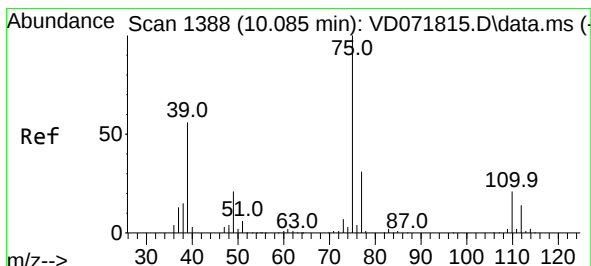
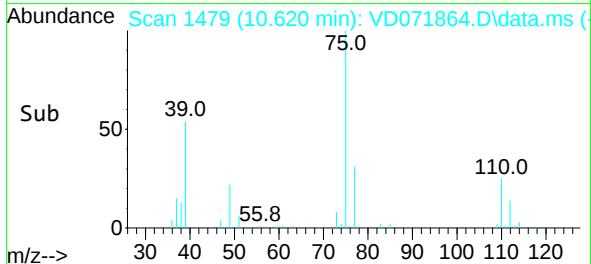
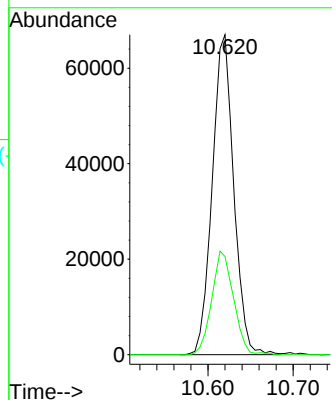
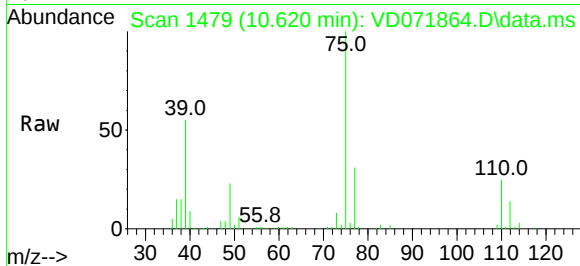




#53
 t-1,3-Dichloropropene
 Concen: 18.485 ug/l
 RT: 10.620 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

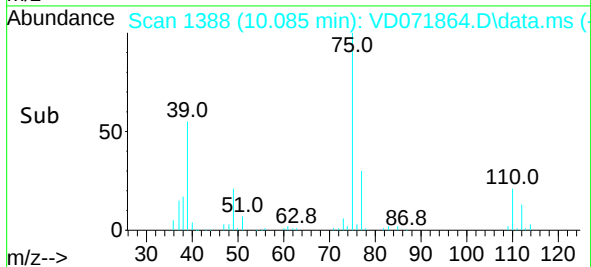
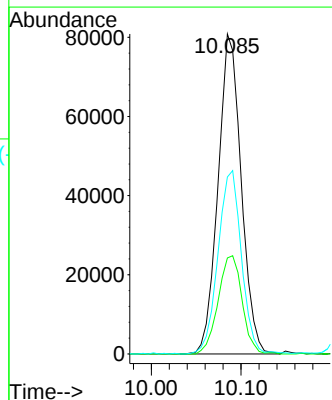
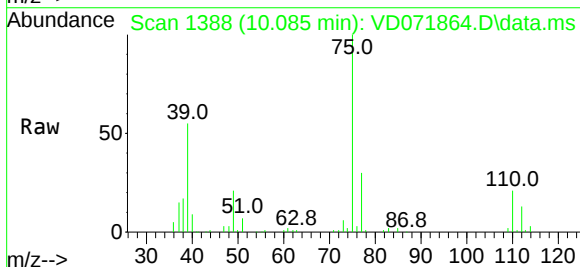
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBSD01

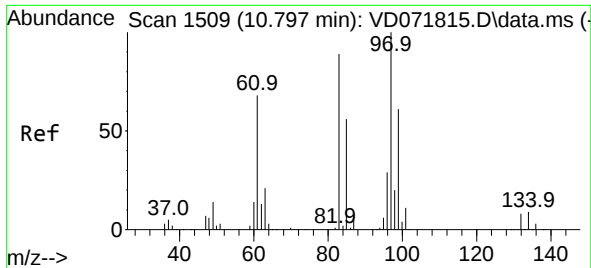
Tgt Ion: 75 Resp: 117201
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.517 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

Tgt Ion: 75 Resp: 145050
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.8 37.2
 39 55.3 46.8 70.2

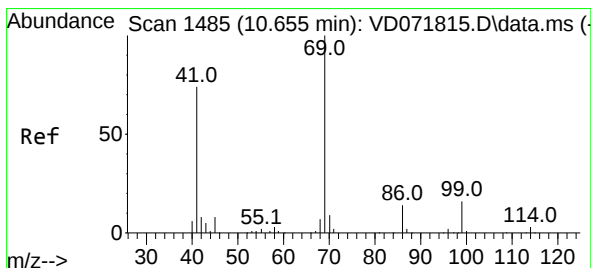
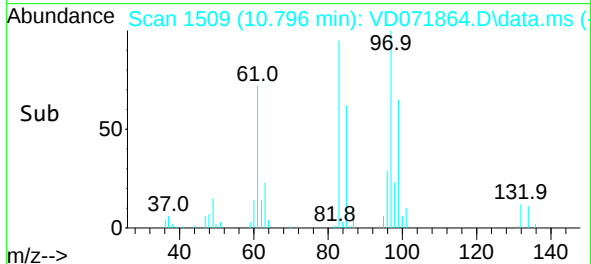
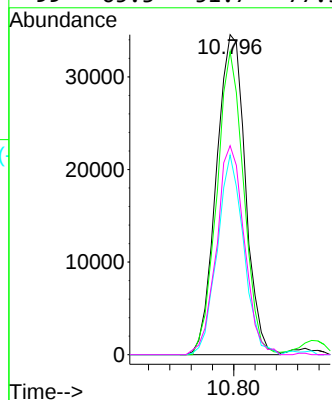
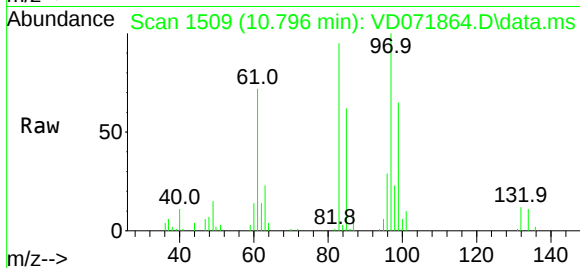




#55
1,1,2-Trichloroethane
Concen: 18.851 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

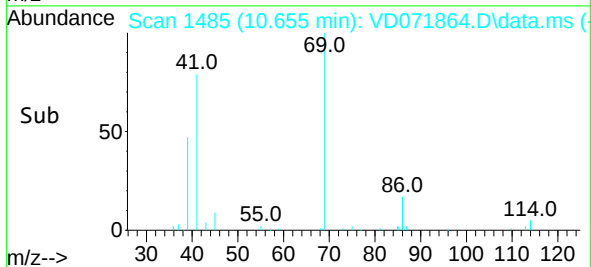
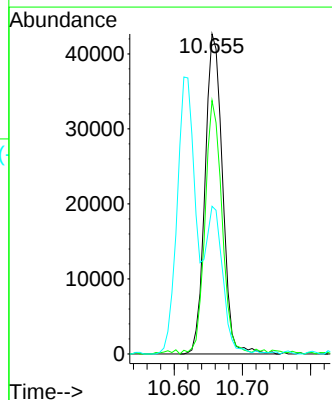
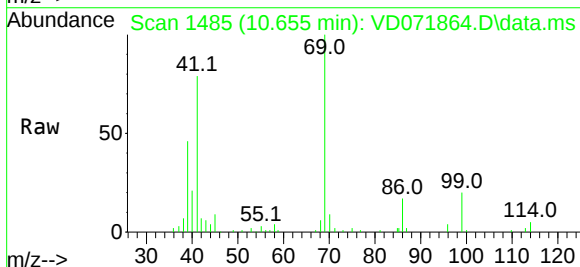
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

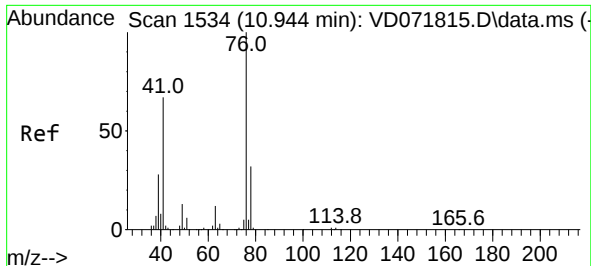
Tgt Ion:	97	Resp:	65303
Ion	Ratio	Lower	Upper
97	100		
83	94.7	69.0	103.4
85	62.4	42.6	63.8
99	65.3	51.7	77.5



#56
Ethyl methacrylate
Concen: 17.728 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion:	69	Resp:	76039
Ion	Ratio	Lower	Upper
69	100		
41	77.2	63.0	94.6
39	39.6	33.8	50.8





#57

1,3-Dichloropropane

Concen: 19.263 ug/l

RT: 10.944 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

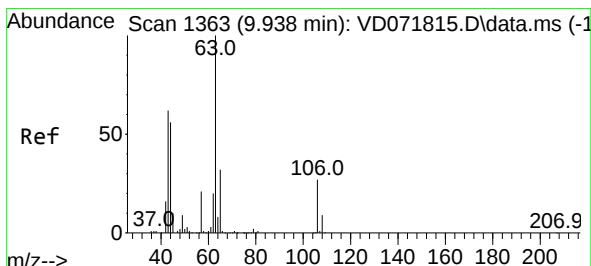
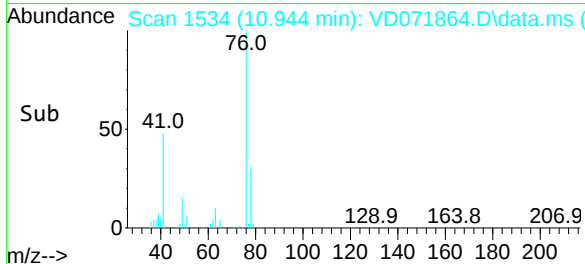
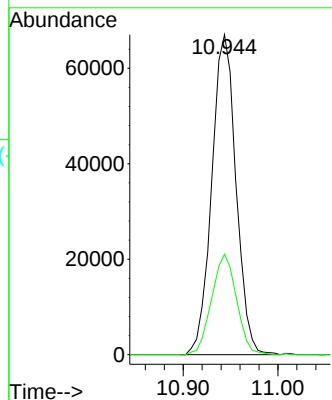
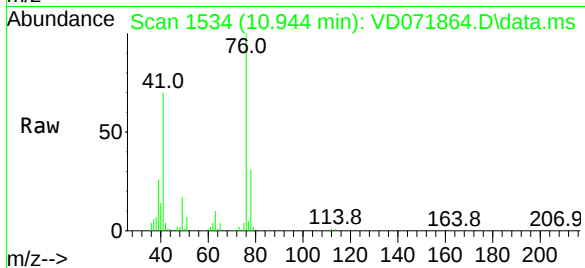
VD0201SBSD01

Tgt Ion: 76 Resp: 119132

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.102 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071864.D

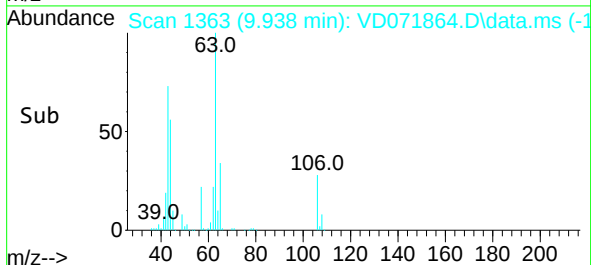
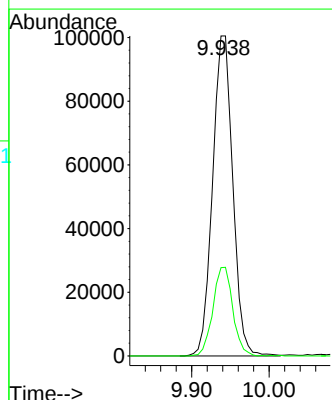
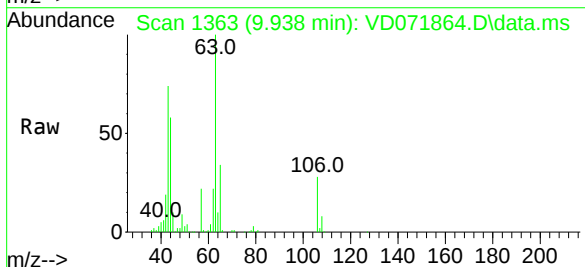
Acq: 01 Feb 2022 11:27

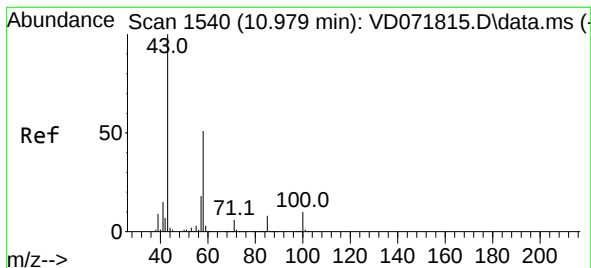
Tgt Ion: 63 Resp: 181924

Ion Ratio Lower Upper

63 100

106 27.3 21.4 32.0

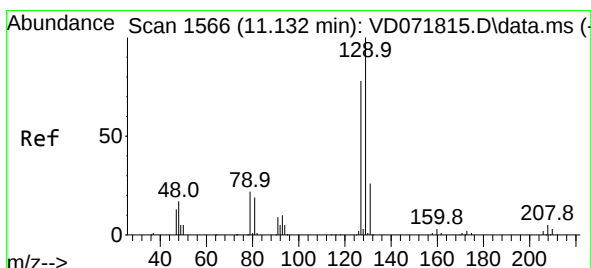
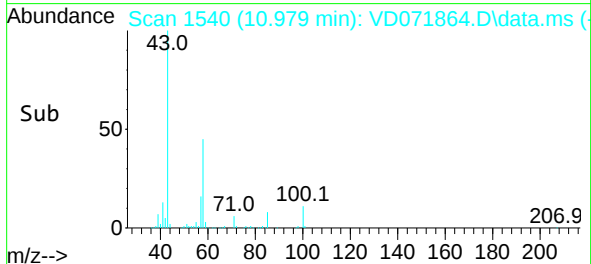
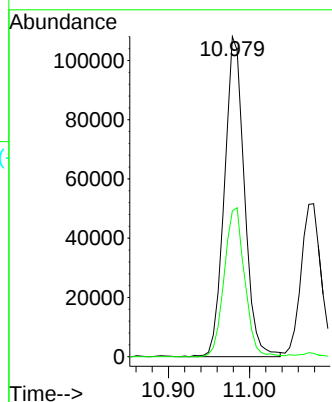
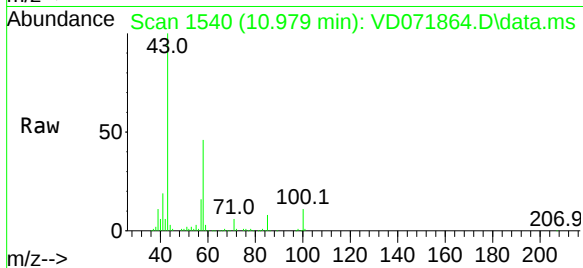




#59
2-Hexanone
Concen: 81.210 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

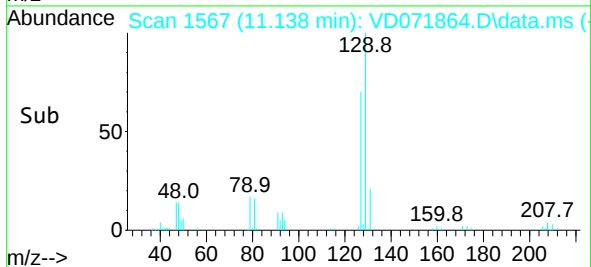
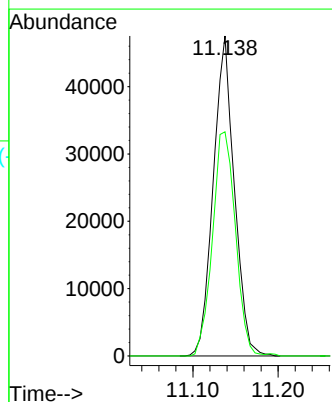
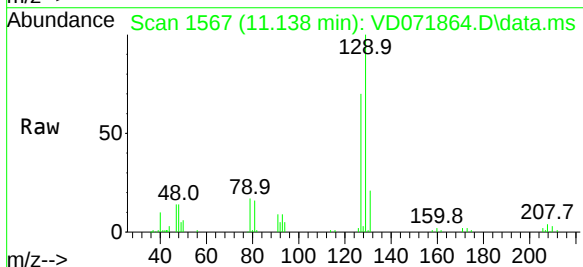
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

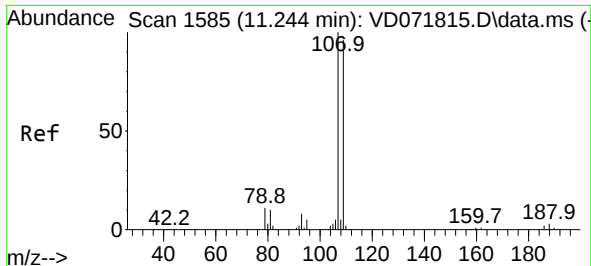
Tgt Ion: 43 Resp: 184603
Ion Ratio Lower Upper
43 100
58 47.6 25.3 75.9



#60
Dibromochloromethane
Concen: 19.098 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 129 Resp: 81697
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6

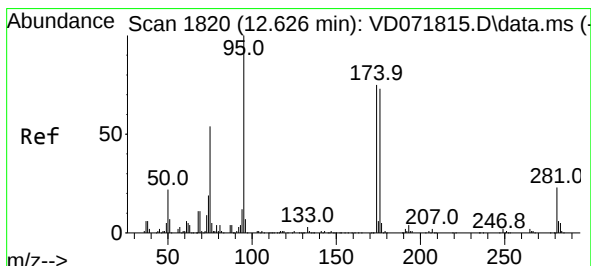
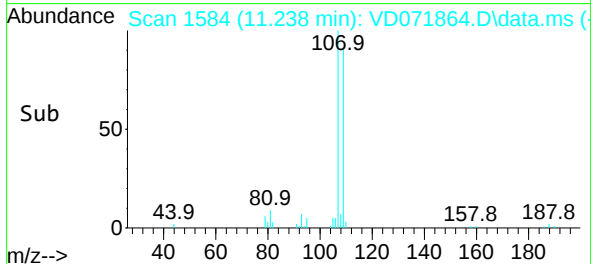
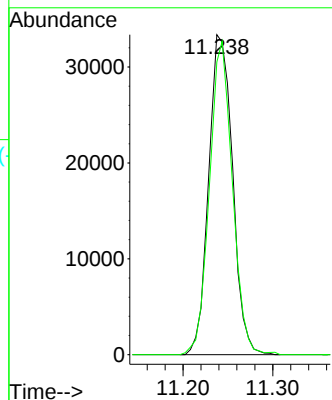
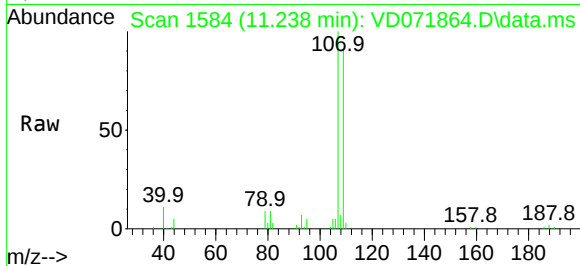




#61
1,2-Dibromoethane
Concen: 18.474 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

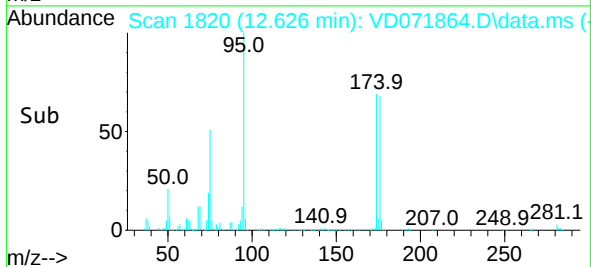
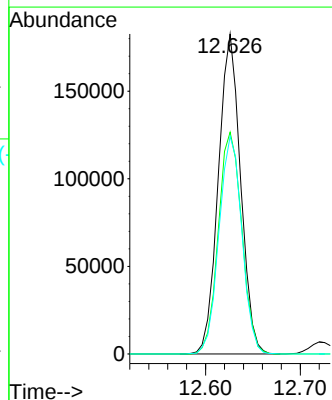
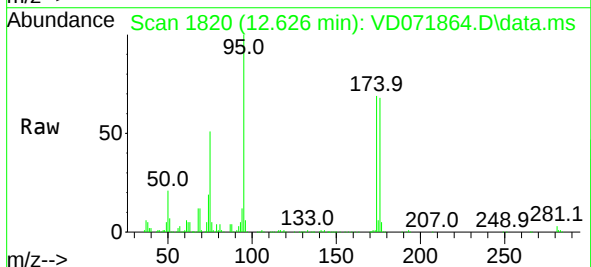
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

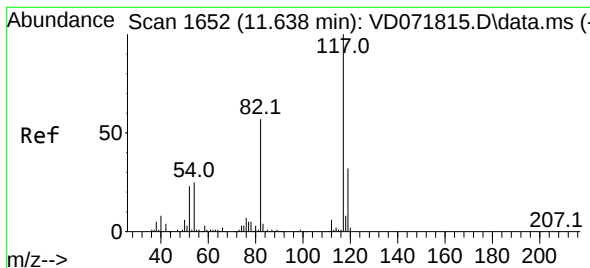
Tgt Ion:107 Resp: 61659
Ion Ratio Lower Upper
107 100
109 94.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 54.762 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 95 Resp: 298031
Ion Ratio Lower Upper
95 100
174 73.0 0.0 152.8
176 69.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.644 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBS01

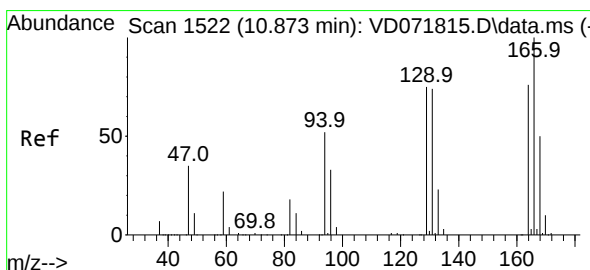
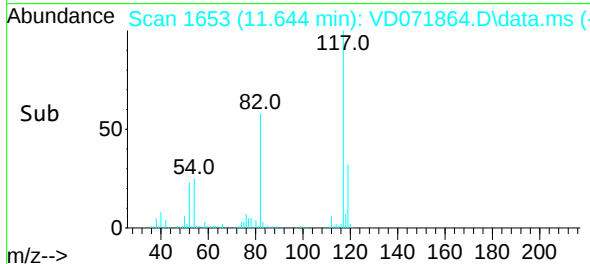
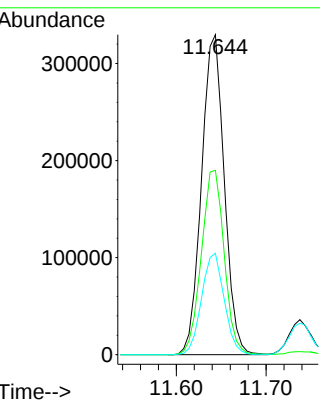
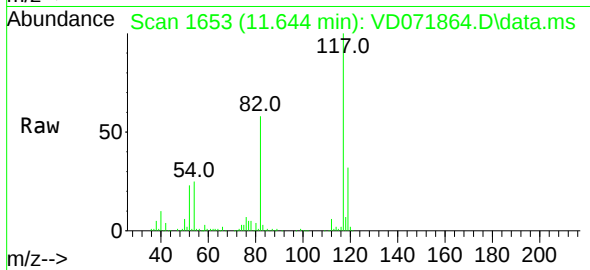
Tgt Ion:117 Resp: 580575

Ion Ratio Lower Upper

117 100

82 57.6 45.3 67.9

119 31.7 26.6 40.0



#64

Tetrachloroethene

Concen: 20.270 ug/l

RT: 10.873 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Tgt Ion:164 Resp: 83243

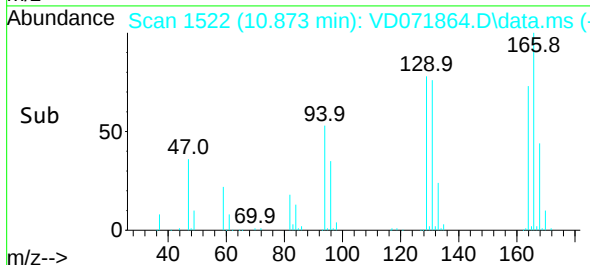
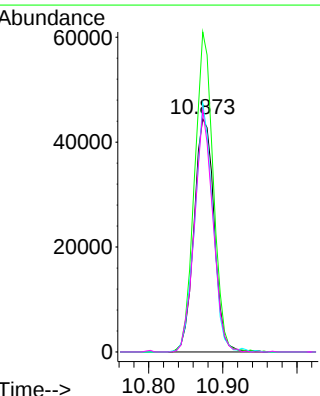
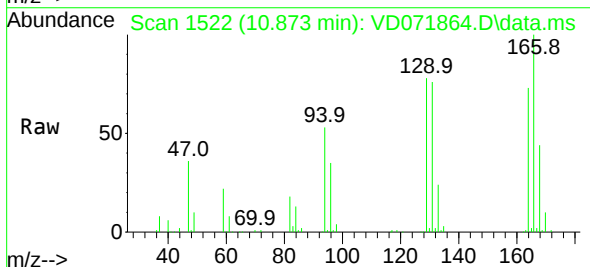
Ion Ratio Lower Upper

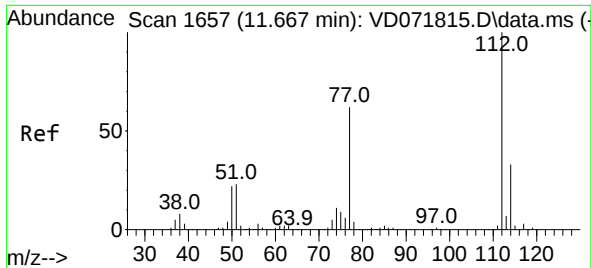
164 100

166 137.3 98.5 147.7

129 106.6 74.6 111.8

131 103.7 72.0 108.0

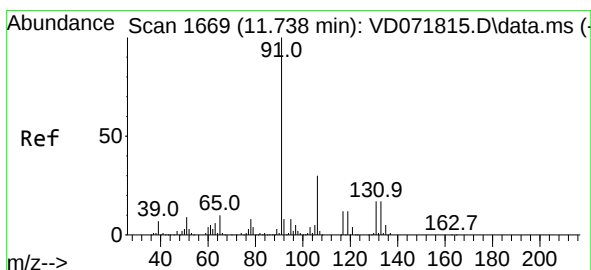
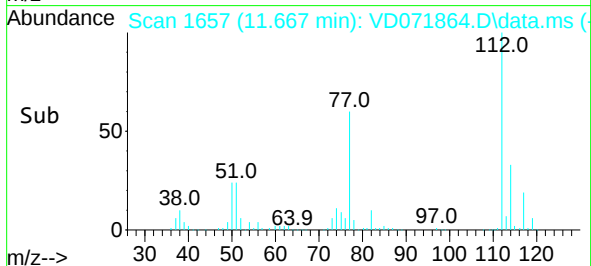
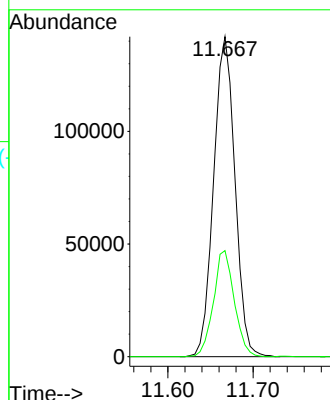
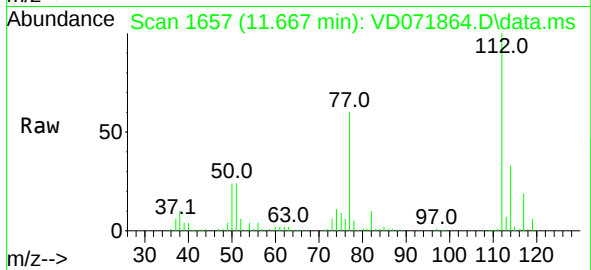




#65
Chlorobenzene
Concen: 20.131 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

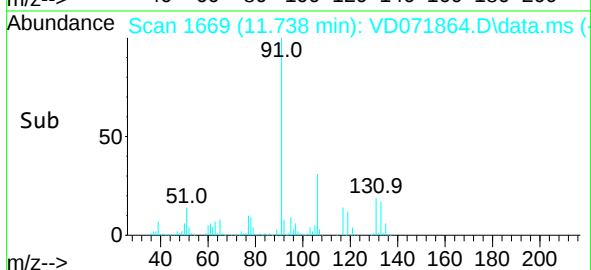
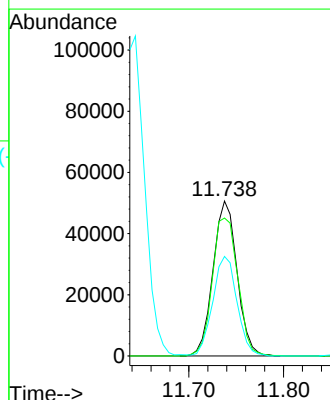
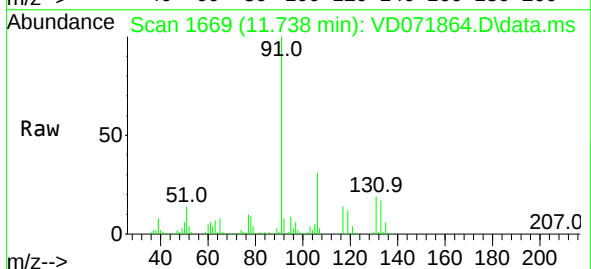
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

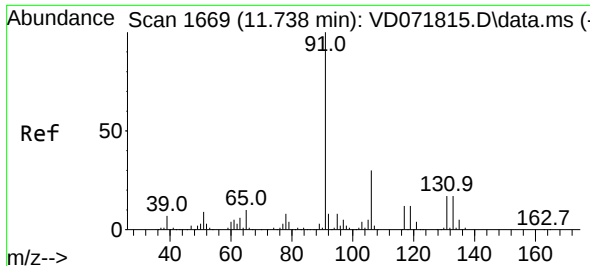
Tgt Ion:112 Resp: 247254
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.969 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion:131 Resp: 89226
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 64.9 31.9 95.9

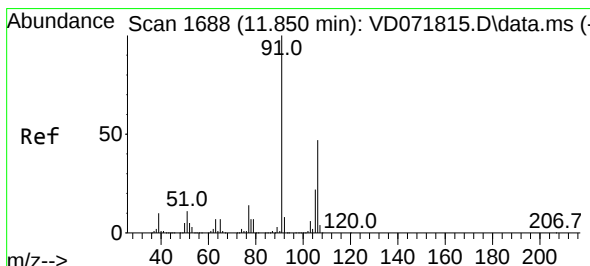
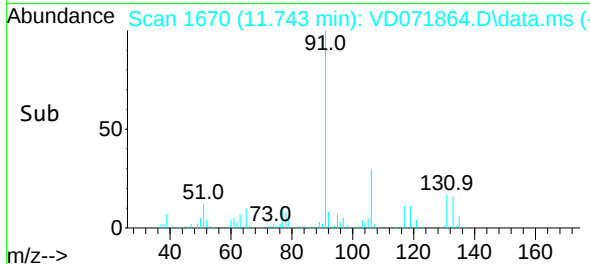
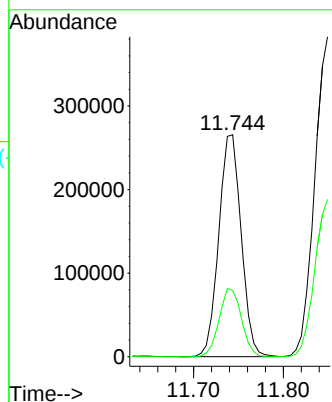
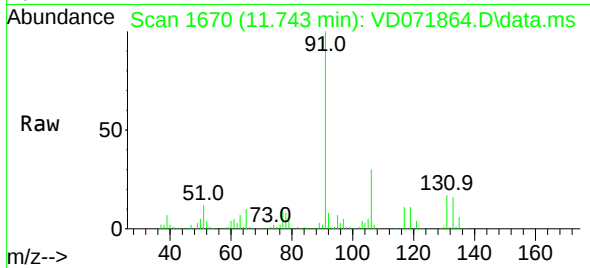




#67
Ethyl Benzene
Concen: 20.380 ug/l
RT: 11.743 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

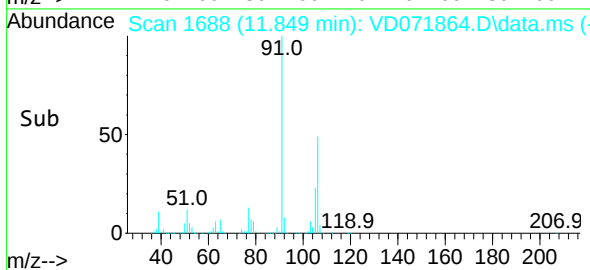
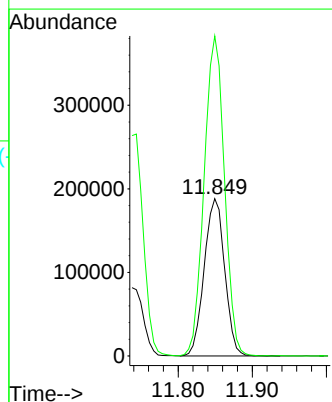
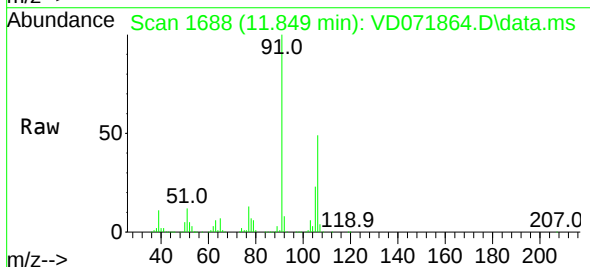
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

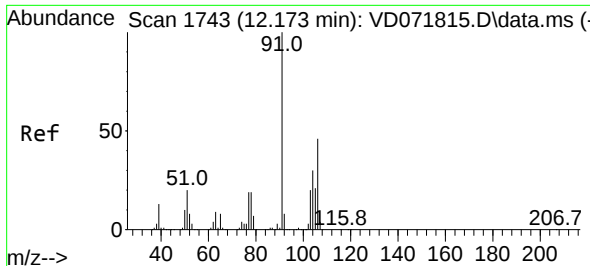
Tgt Ion: 91 Resp: 460589
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4



#68
m/p-Xylenes
Concen: 41.951 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion:106 Resp: 360623
Ion Ratio Lower Upper
106 100
91 202.3 163.7 245.5

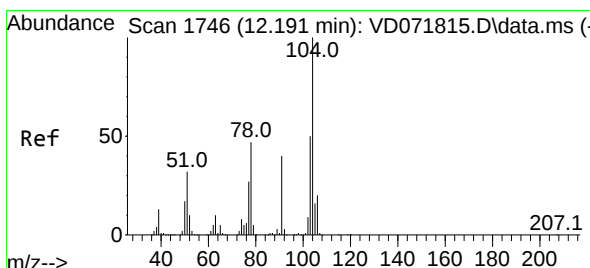
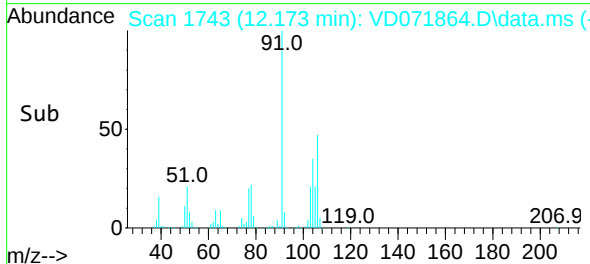
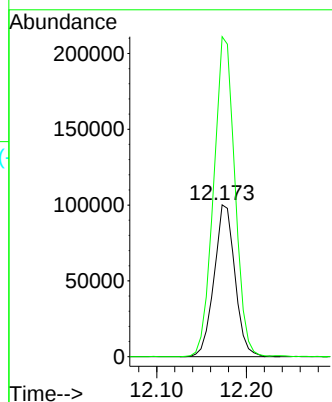
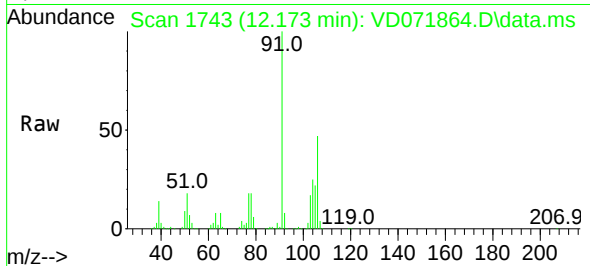




#69
o-Xylene
Concen: 20.634 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

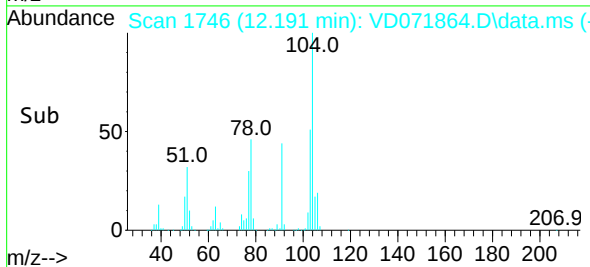
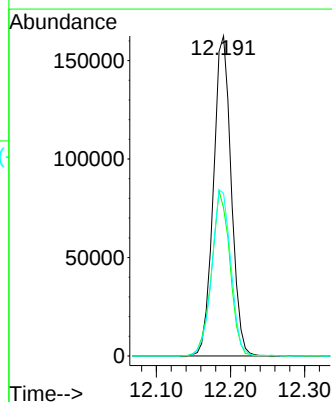
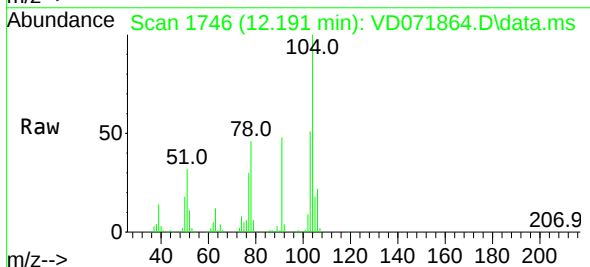
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

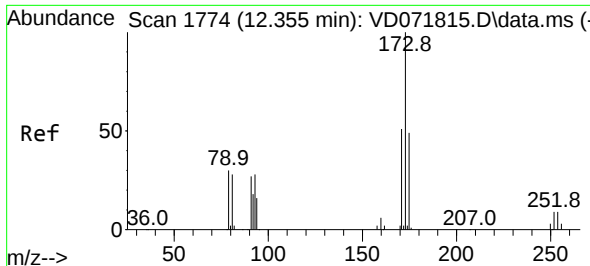
Tgt Ion:106 Resp: 161194
Ion Ratio Lower Upper
106 100
91 215.4 110.4 331.2



#70
Styrene
Concen: 20.105 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion:104 Resp: 270713
Ion Ratio Lower Upper
104 100
78 53.2 41.8 62.8
103 55.5 44.2 66.4

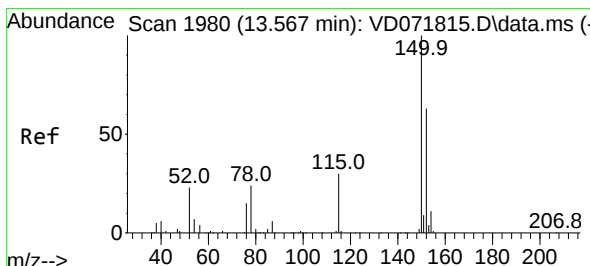
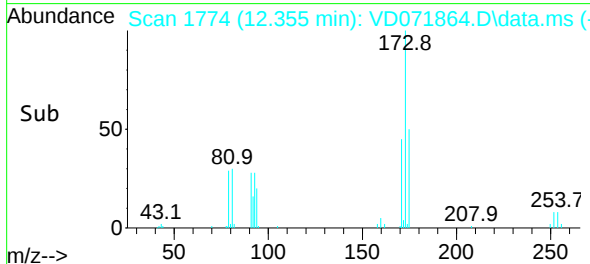
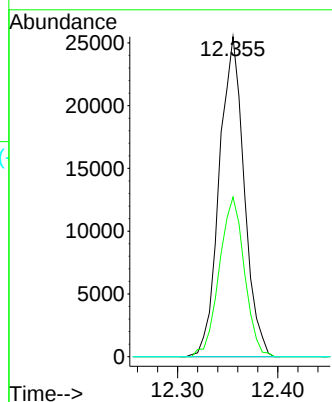
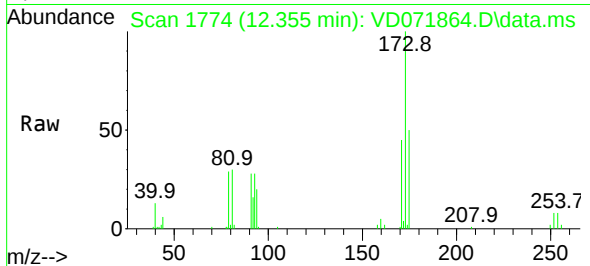




#71
Bromoform
Concen: 18.348 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

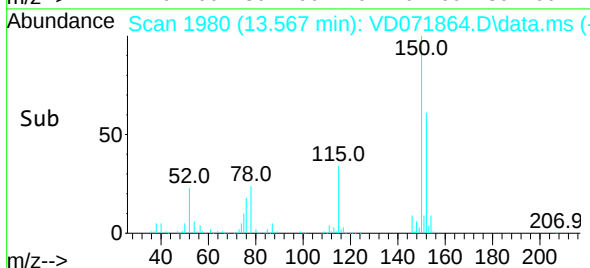
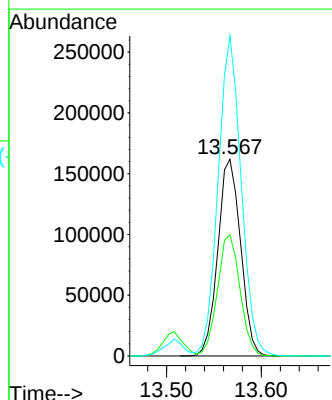
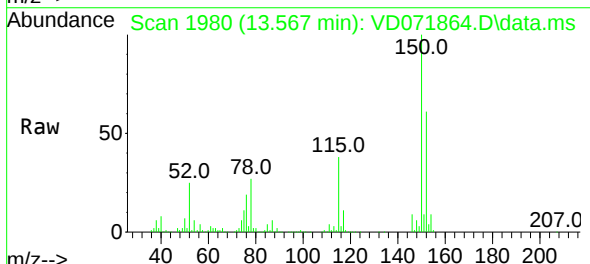
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

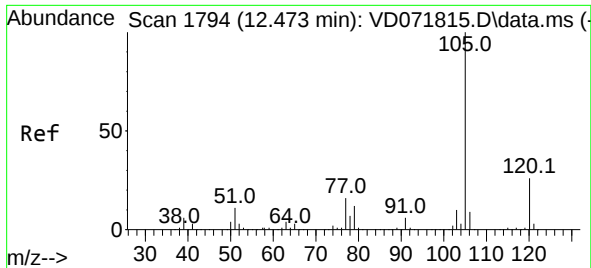
Tgt Ion:173 Resp: 43774
Ion Ratio Lower Upper
173 100
175 50.4 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion:152 Resp: 270422
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 165.3 0.0 348.6

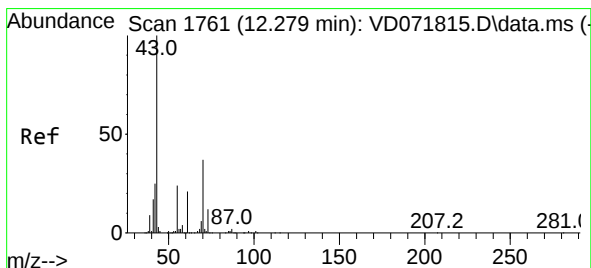
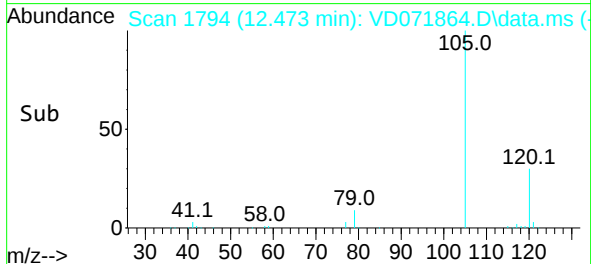
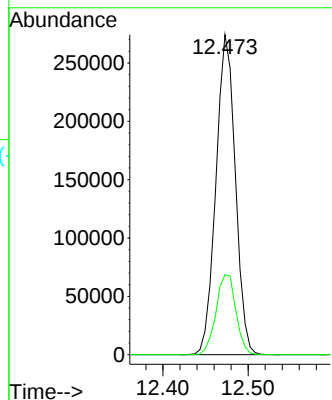
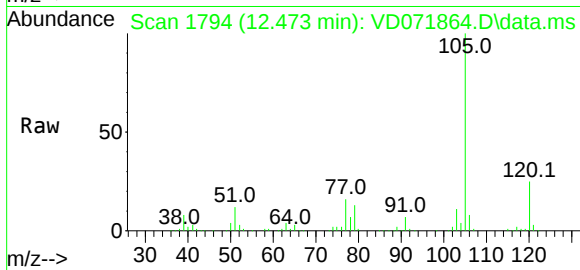




#73
Isopropylbenzene
Concen: 20.720 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

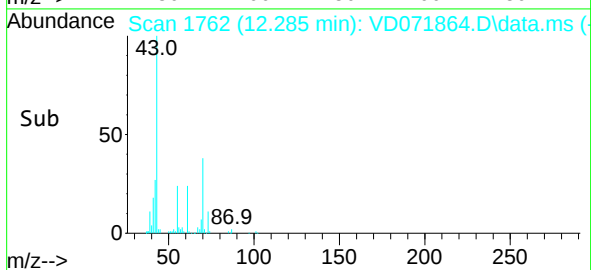
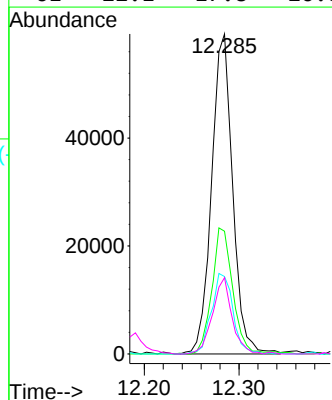
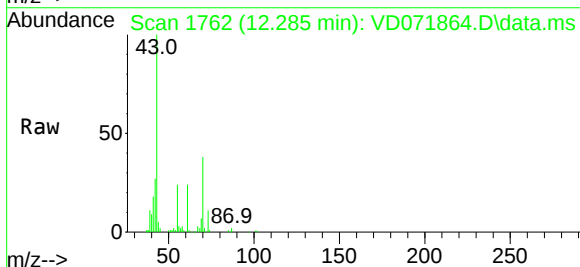
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

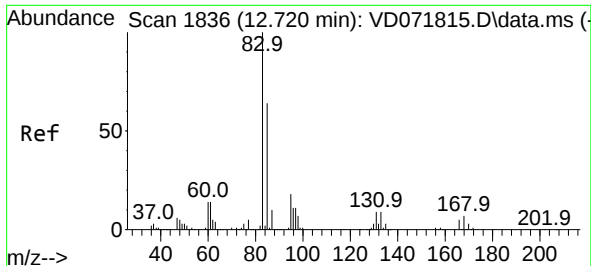
Tgt Ion:105 Resp: 433873
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



#74
N-ethyl acetate
Concen: 17.823 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 43 Resp: 91784
Ion Ratio Lower Upper
43 100
70 39.3 31.3 46.9
55 25.8 20.0 30.0
61 22.1 17.8 26.8

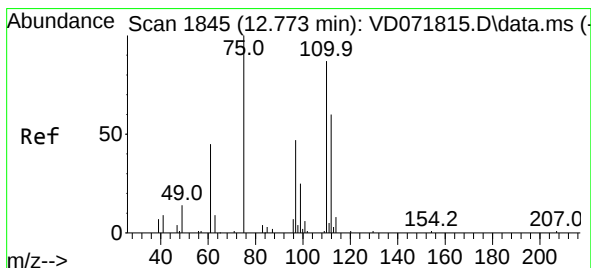
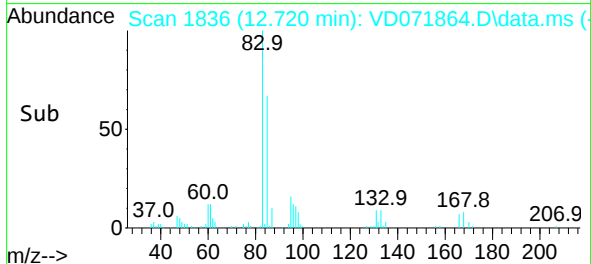
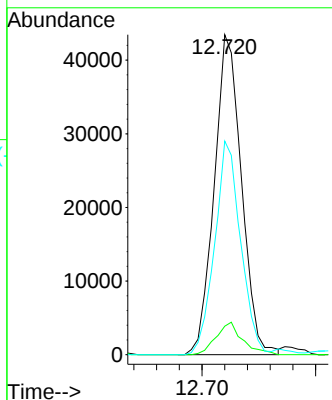
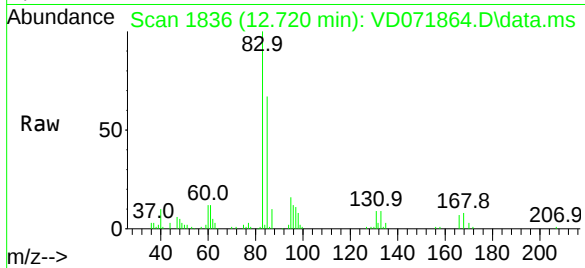




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.671 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

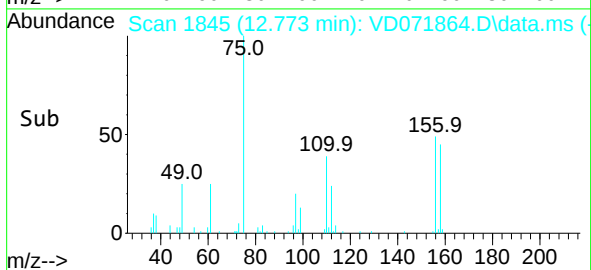
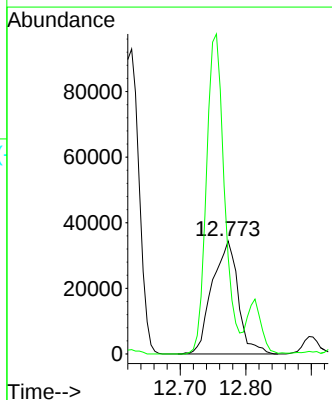
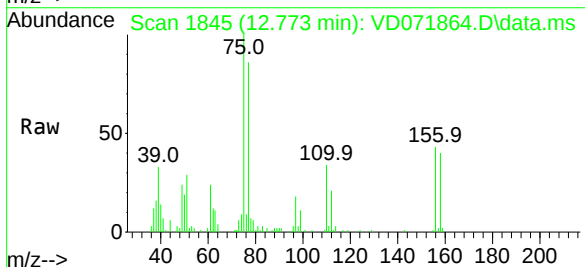
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBSD01

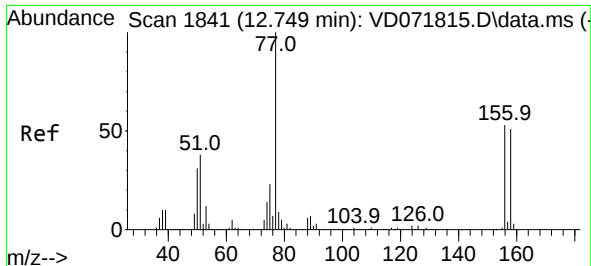
Tgt Ion: 83 Resp: 72352
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 63.8 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 33.246 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

Tgt Ion: 75 Resp: 94748
 Ion Ratio Lower Upper
 75 100
 77 196.5 0.0 0.0#

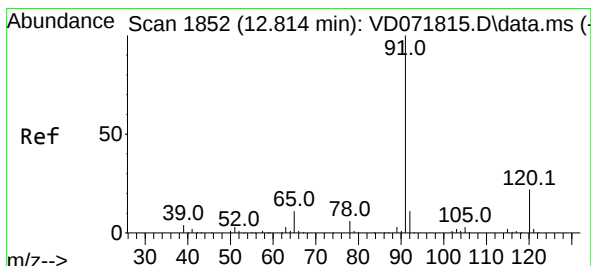
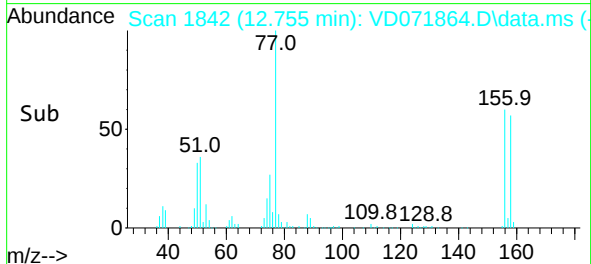
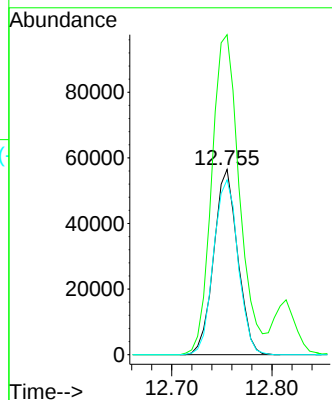
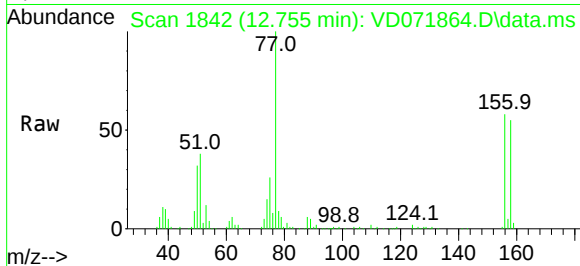




#77
Bromobenzene
Concen: 20.087 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

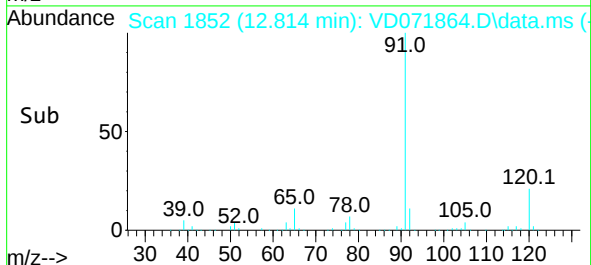
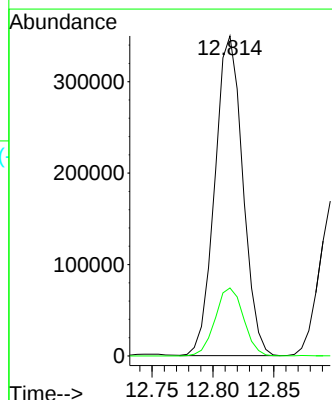
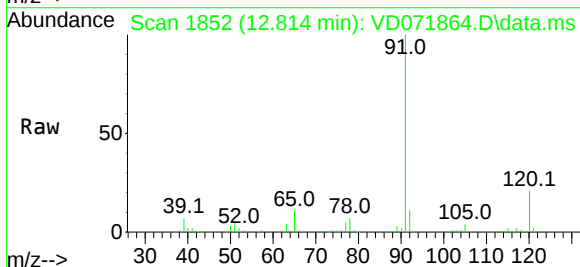
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

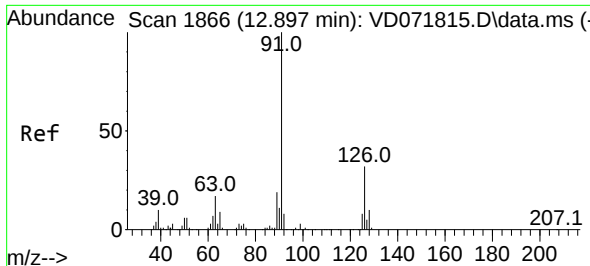
Tgt Ion:156 Resp: 93567
Ion Ratio Lower Upper
156 100
77 199.0 102.8 308.3
158 96.9 48.7 146.1



#78
n-propylbenzene
Concen: 21.275 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 91 Resp: 558619
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.9

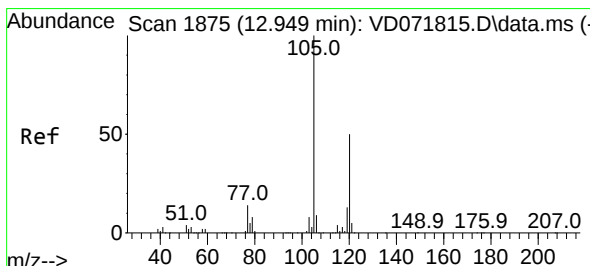
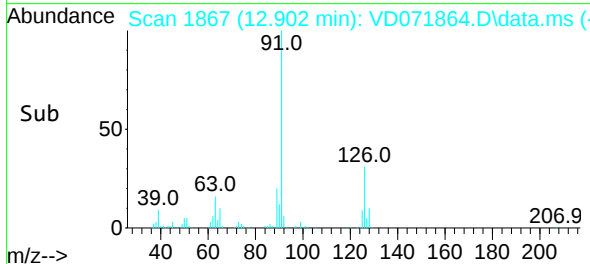
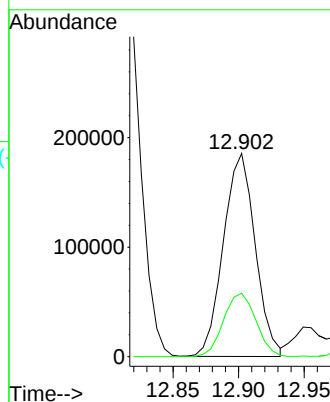
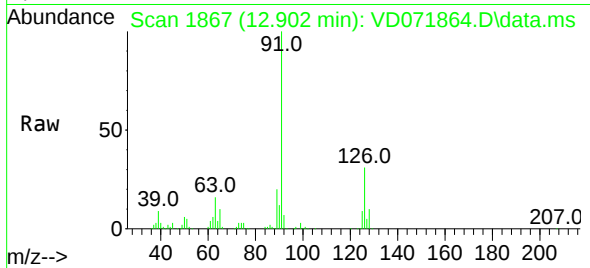




#79
2-Chlorotoluene
Concen: 21.029 ug/l
RT: 12.902 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

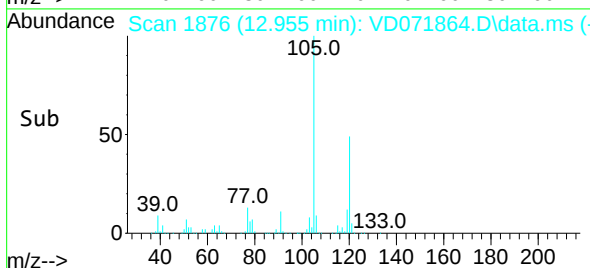
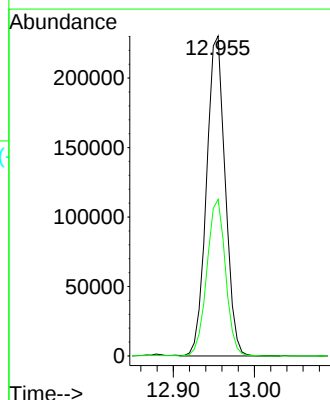
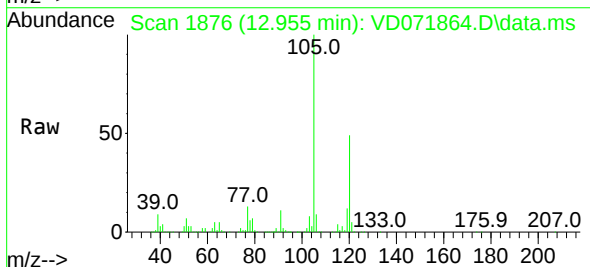
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

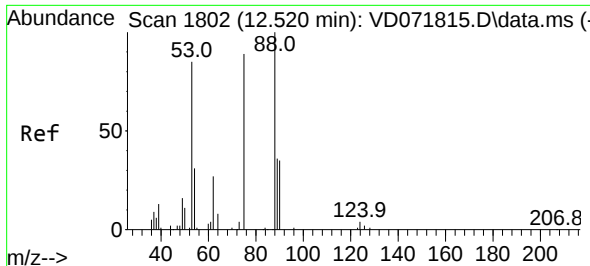
Tgt Ion: 91 Resp: 312903
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 21.193 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 105 Resp: 368093
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

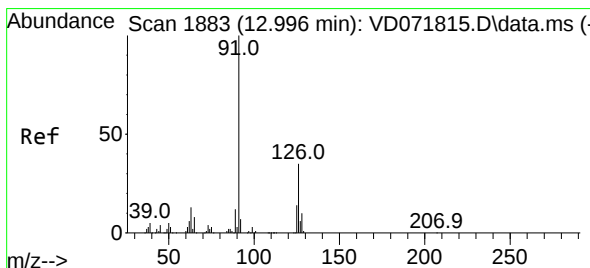
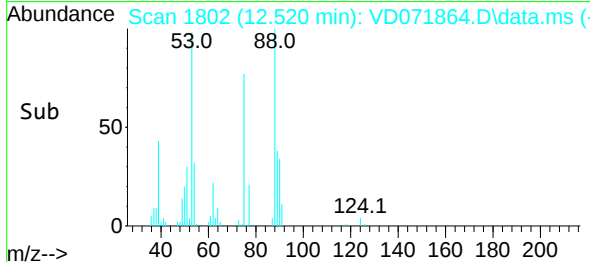
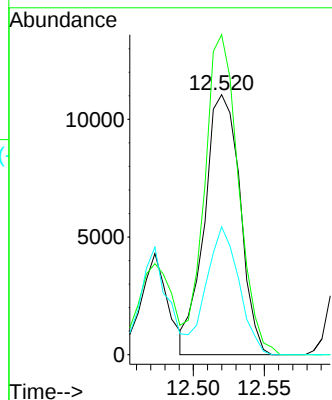
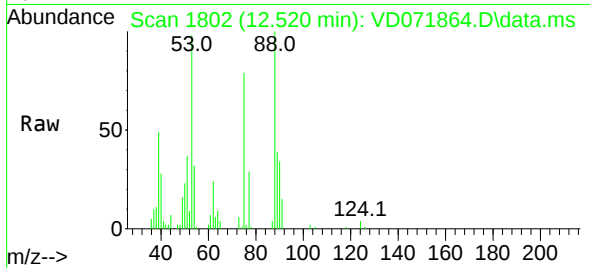




#81
trans-1,4-Dichloro-2-butene
Concen: 16.607 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

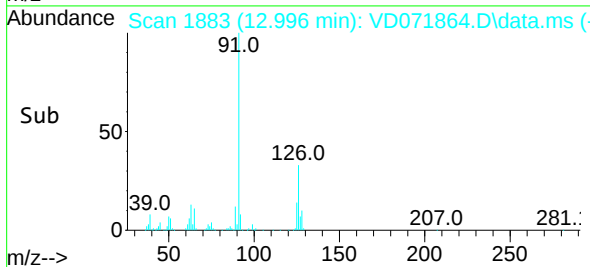
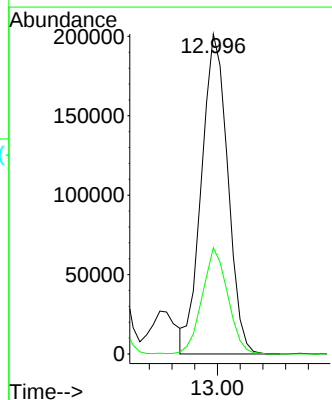
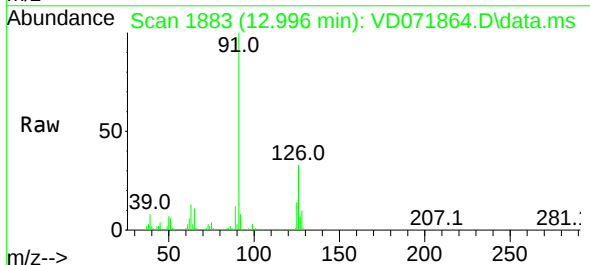
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

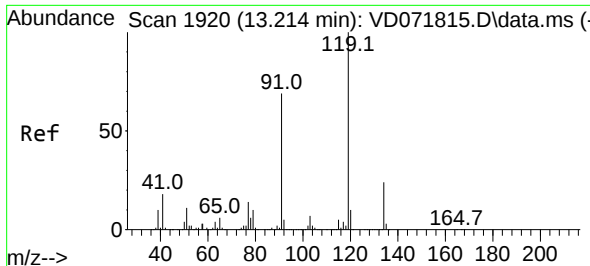
Tgt Ion: 75 Resp: 19249
Ion Ratio Lower Upper
75 100
53 117.3 86.5 129.7
89 44.4 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.854 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 91 Resp: 322835
Ion Ratio Lower Upper
91 100
126 32.5 16.5 49.5

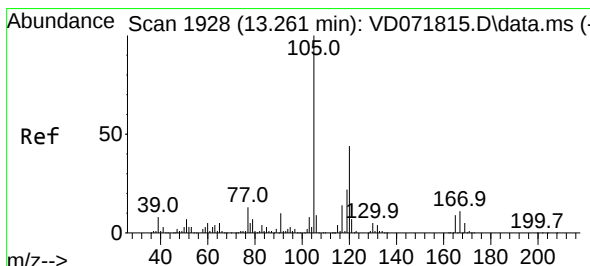
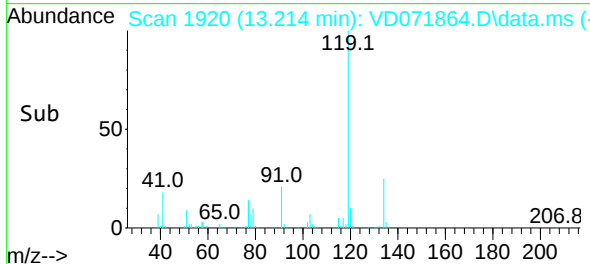
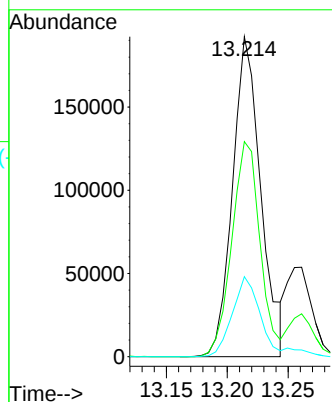
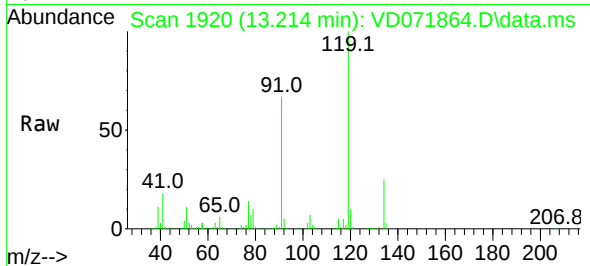




#83
tert-Butylbenzene
Concen: 21.554 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

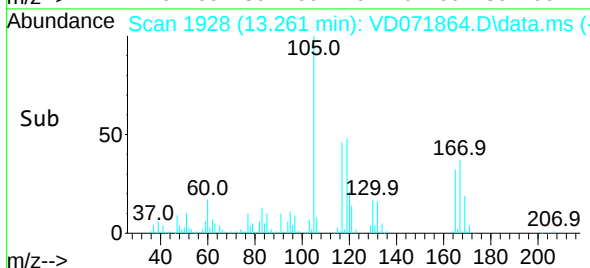
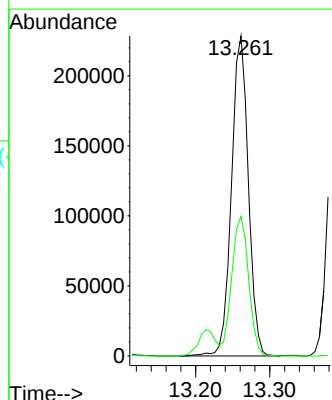
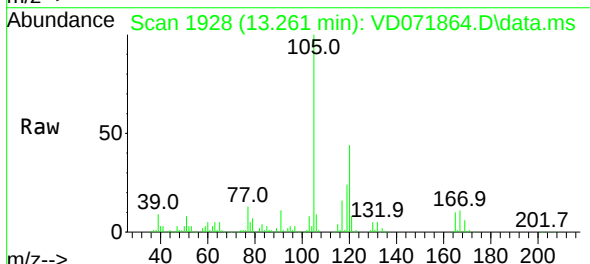
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

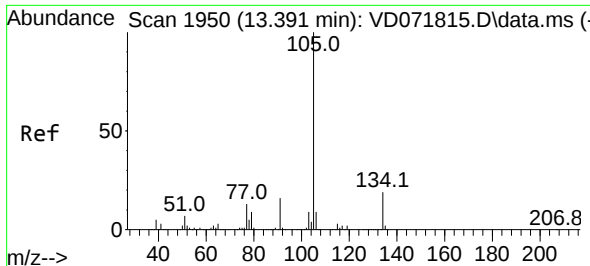
Tgt Ion:119 Resp: 310249
Ion Ratio Lower Upper
119 100
91 67.4 34.8 104.5
134 26.3 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.094 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion:105 Resp: 360394
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8

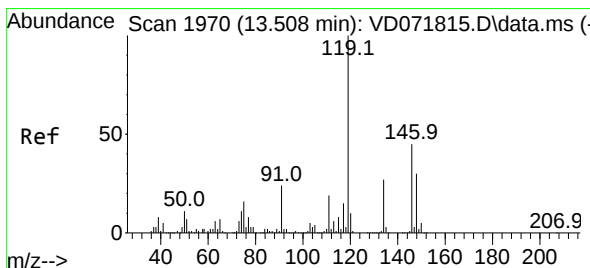
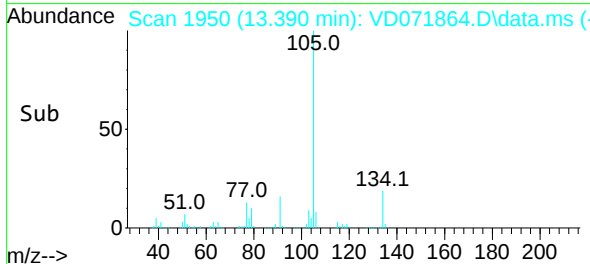
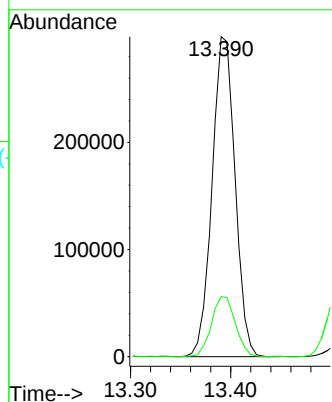
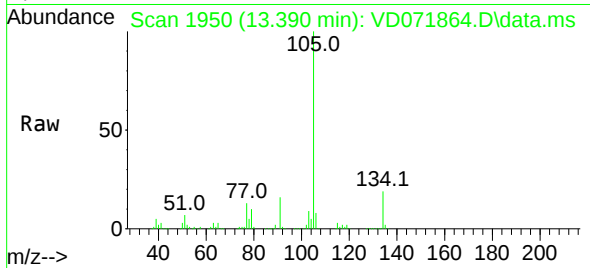




#85
 sec-Butylbenzene
 Concen: 21.128 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

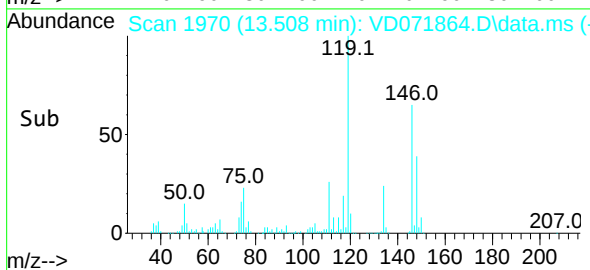
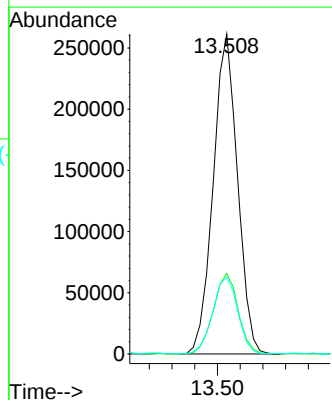
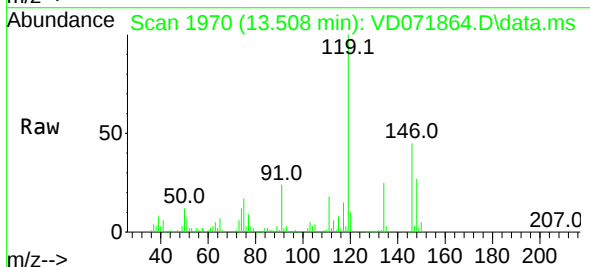
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBSD01

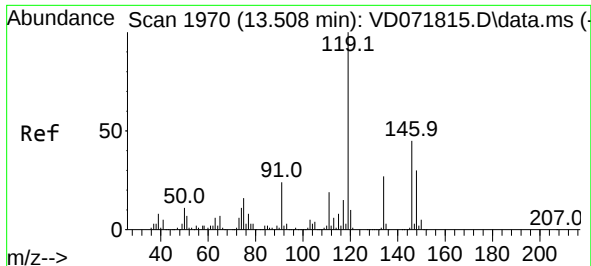
Tgt Ion:105 Resp: 475871
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 21.220 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071864.D
 Acq: 01 Feb 2022 11:27

Tgt Ion:119 Resp: 388365
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.030 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. -0.000 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBSD01

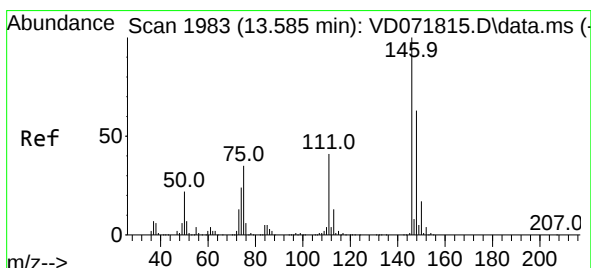
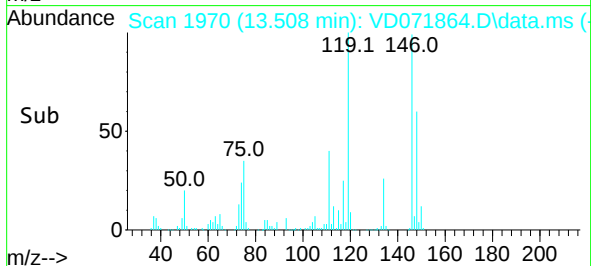
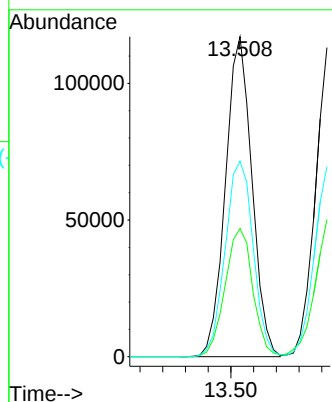
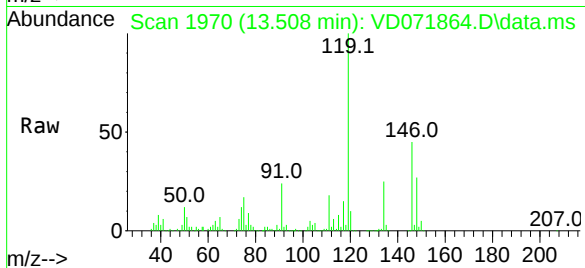
Tgt Ion:146 Resp: 189455

Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.3

148 64.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.653 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

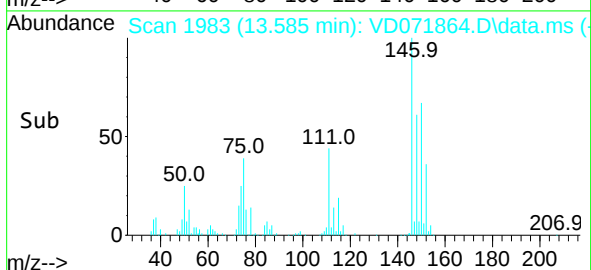
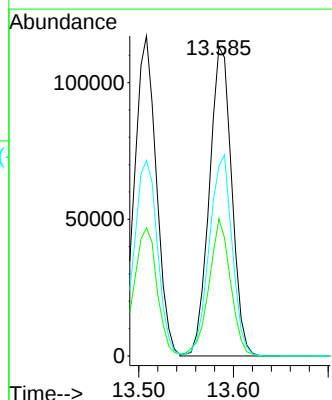
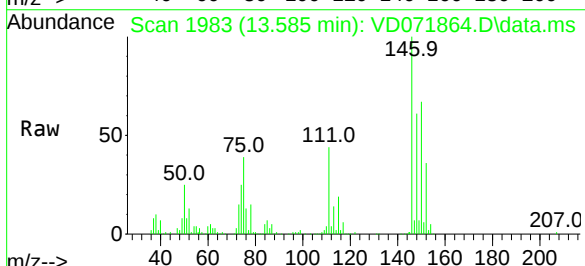
Tgt Ion:146 Resp: 185522

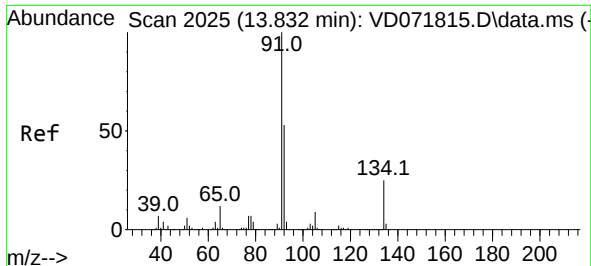
Ion Ratio Lower Upper

146 100

111 42.8 20.3 60.9

148 66.4 31.7 95.1

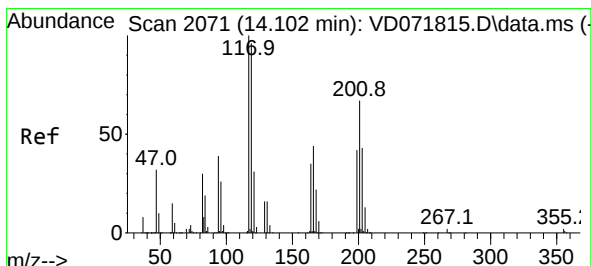
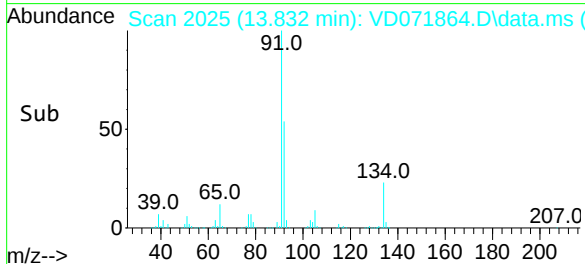
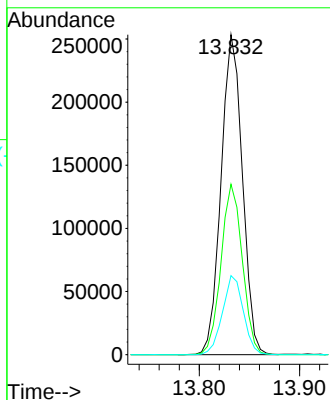
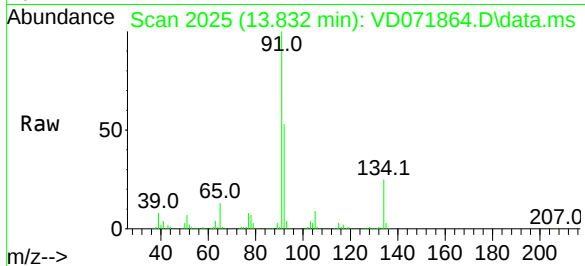




#89
n-Butylbenzene
Concen: 20.836 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

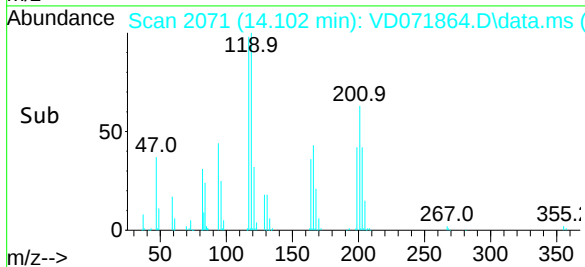
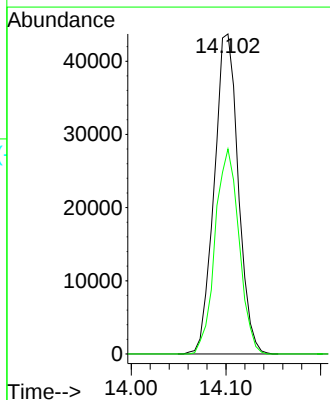
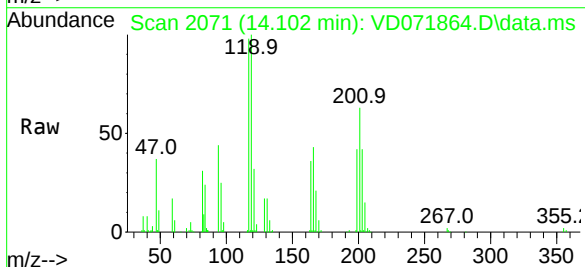
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBS01

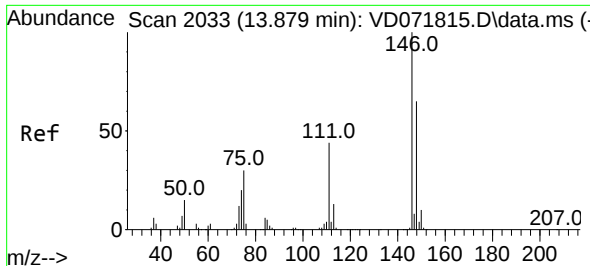
Tgt Ion: 91 Resp: 374150
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 24.1 12.3 36.9



#90
Hexachloroethane
Concen: 21.201 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion: 117 Resp: 77130
Ion Ratio Lower Upper
117 100
201 63.8 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 19.812 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBS01

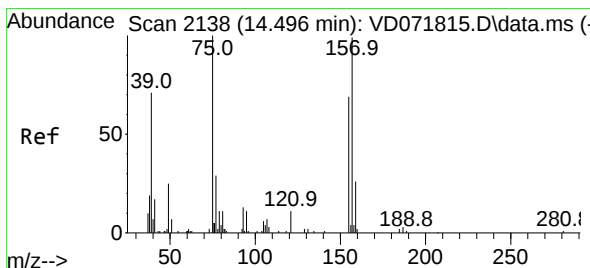
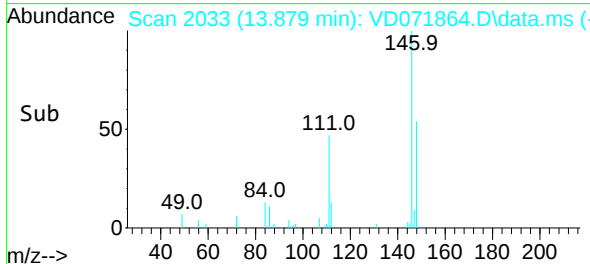
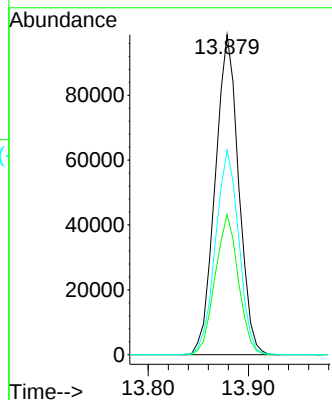
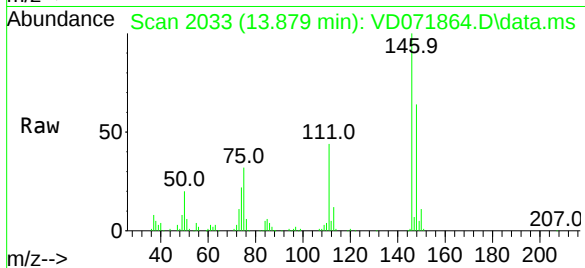
Tgt Ion:146 Resp: 160370

Ion Ratio Lower Upper

146 100

111 43.2 21.1 63.3

148 63.7 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.092 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

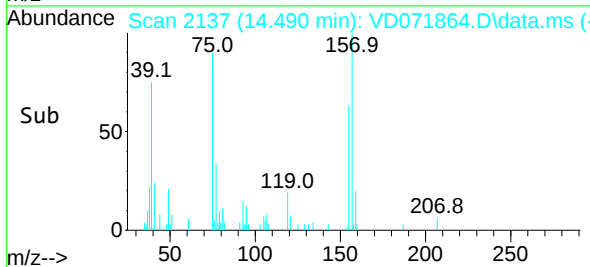
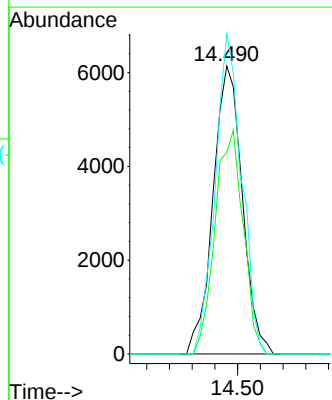
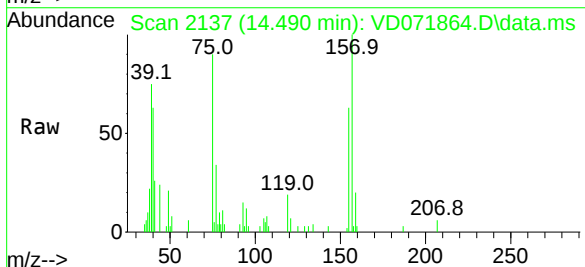
Tgt Ion: 75 Resp: 10969

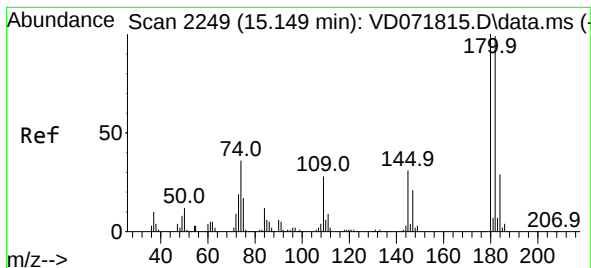
Ion Ratio Lower Upper

75 100

155 74.6 36.8 110.3

157 100.4 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 19.182 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBSD01

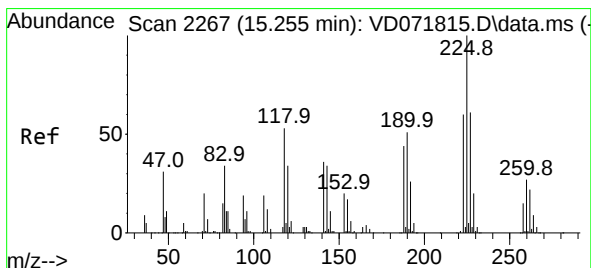
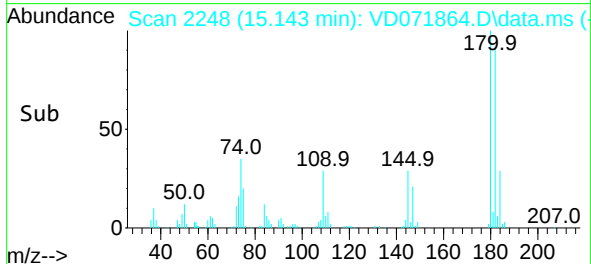
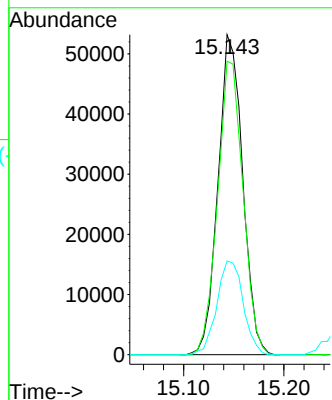
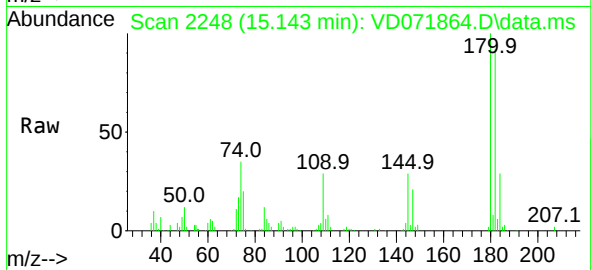
Tgt Ion:180 Resp: 90703

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 31.4 16.2 48.5



#94

Hexachlorobutadiene

Concen: 21.610 ug/l

RT: 15.255 min Scan# 2267

Delta R.T. 0.006 min

Lab File: VD071864.D

Acq: 01 Feb 2022 11:27

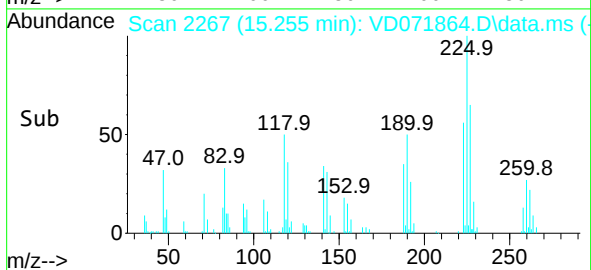
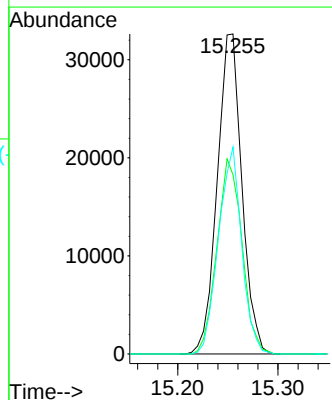
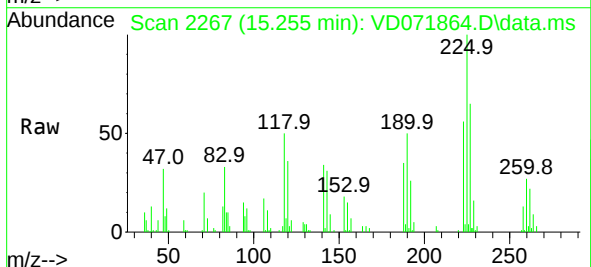
Tgt Ion:225 Resp: 55717

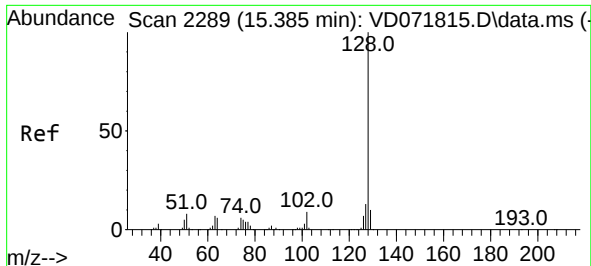
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.2

227 60.6 32.4 97.0

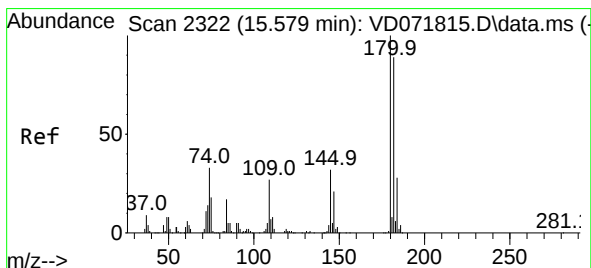
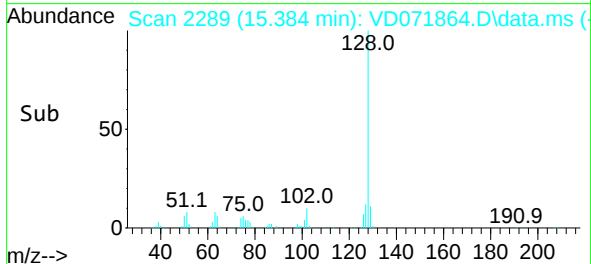
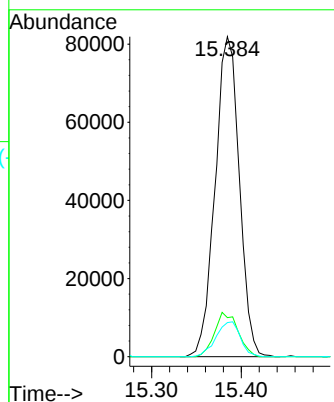
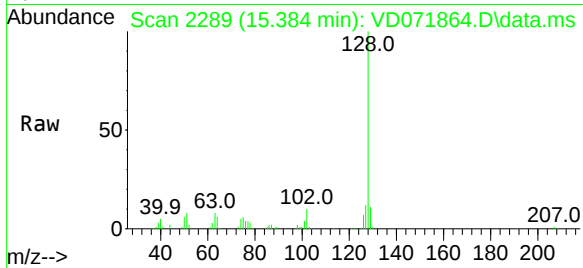




#95
Naphthalene
Concen: 17.303 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD0201SBSD01

Tgt Ion:128 Resp: 153346
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 18.930 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071864.D
Acq: 01 Feb 2022 11:27

Tgt Ion:180 Resp: 76724
Ion Ratio Lower Upper
180 100
182 96.3 47.6 142.9
145 33.7 17.1 51.3

