

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072115.D
 Acq On : 28 Feb 2022 11:42
 Operator : VA/SY
 Sample : VD0228SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0228SBS01

Quant Time: Feb 28 16:27:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	474805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	774364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	715049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	346573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262663	53.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.660%	
35) Dibromofluoromethane	7.914	113	257103	54.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.600%	
50) Toluene-d8	10.338	98	986649	56.709	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.420%	
62) 4-Bromofluorobenzene	12.620	95	353681	55.341	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	86984	19.430	ug/l	98
3) Chloromethane	2.209	50	79886	19.880	ug/l	97
4) Vinyl Chloride	2.350	62	75327	18.639	ug/l	95
5) Bromomethane	2.756	94	46248	16.858	ug/l	99
6) Chloroethane	2.921	64	47337	18.531	ug/l	98
7) Trichlorofluoromethane	3.274	101	152592	19.516	ug/l	98
8) Diethyl Ether	3.709	74	42304	18.980	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	96187	19.690	ug/l	99
10) Methyl Iodide	4.297	142	73411	15.750	ug/l	99
11) Tert butyl alcohol	5.209	59	29651	105.515	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	79193	18.252	ug/l	95
13) Acrolein	3.926	56	39403	71.107	ug/l	98
14) Allyl chloride	4.715	41	138716	18.242	ug/l	99
15) Acrylonitrile	5.426	53	113757	94.430	ug/l	99
16) Acetone	4.156	43	99939	93.892	ug/l	100
17) Carbon Disulfide	4.409	76	168361	14.417	ug/l #	95
18) Methyl Acetate	4.721	43	57906	20.741	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	214194	20.292	ug/l	94
20) Methylene Chloride	4.968	84	104420	19.711	ug/l	89
21) trans-1,2-Dichloroethene	5.479	96	87671	17.982	ug/l	97
22) Diisopropyl ether	6.367	45	323319	20.362	ug/l	95
23) Vinyl Acetate	6.303	43	840582	99.130	ug/l	99
24) 1,1-Dichloroethane	6.268	63	188800	19.986	ug/l	100
25) 2-Butanone	7.215	43	139931	95.117	ug/l	100
26) 2,2-Dichloropropane	7.209	77	157670	20.858	ug/l	99
27) cis-1,2-Dichloroethene	7.215	96	110307	19.748	ug/l	98
28) Bromochloromethane	7.544	49	79903	19.842	ug/l	99
29) Tetrahydrofuran	7.562	42	87539	93.237	ug/l	97
30) Chloroform	7.709	83	200012	20.622	ug/l	96
31) Cyclohexane	7.979	56	149797	17.219	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	170746	20.457	ug/l	98
36) 1,1-Dichloropropene	8.109	75	130650	18.384	ug/l	100
37) Ethyl Acetate	7.291	43	63688	19.326	ug/l	99
38) Carbon Tetrachloride	8.097	117	145274	19.944	ug/l	99
39) Methylcyclohexane	9.356	83	146699	17.637	ug/l	99
40) Benzene	8.350	78	386958	19.296	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	35652	17.446	ug/l	94
42) 1,2-Dichloroethane	8.426	62	119007	19.784	ug/l	99
43) Isopropyl Acetate	8.450	43	120727	19.672	ug/l	98
44) Trichloroethene	9.109	130	107216	19.616	ug/l	99
45) 1,2-Dichloropropane	9.385	63	106889	19.982	ug/l	97
46) Dibromomethane	9.473	93	54249	19.217	ug/l	99
47) Bromodichloromethane	9.661	83	150347	20.646	ug/l	98
48) Methyl methacrylate	9.450	41	56154	18.114	ug/l #	87
49) 1,4-Dioxane	9.456	88	12815	382.671	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	313349	96.345	ug/l	99
52) Toluene	10.397	92	254878	19.861	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	136751	20.534	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	163555	20.750	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	81993	20.639	ug/l	96
56) Ethyl methacrylate	10.656	69	92175	19.430	ug/l	98
57) 1,3-Dichloropropane	10.938	76	137669	20.050	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	218354	102.883	ug/l	100
59) 2-Hexanone	10.979	43	209564	94.466	ug/l	100
60) Dibromochloromethane	11.138	129	104076	20.979	ug/l	98
61) 1,2-Dibromoethane	11.238	107	73693	19.412	ug/l	99
64) Tetrachloroethene	10.873	164	89493	19.824	ug/l	96
65) Chlorobenzene	11.661	112	279991	20.204	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	110234	21.432	ug/l	99
67) Ethyl Benzene	11.738	91	490964	20.148	ug/l	99
68) m/p-Xylenes	11.844	106	381417	40.888	ug/l	99
69) o-Xylene	12.173	106	178400	20.330	ug/l	98
70) Styrene	12.185	104	313517	20.819	ug/l	99
71) Bromoform	12.350	173	61003	20.680	ug/l #	97
73) Isopropylbenzene	12.473	105	503485	21.158	ug/l	100
74) N-amyl acetate	12.279	43	115825	20.158	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	91641	19.479	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	116521	35.494	ug/l #	100
77) Bromobenzene	12.750	156	114941	20.627	ug/l	99
78) n-propylbenzene	12.808	91	619451	21.179	ug/l	100
79) 2-Chlorotoluene	12.897	91	348059	20.561	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	432191	21.751	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	28347	21.624	ug/l	98
82) 4-Chlorotoluene	12.997	91	368515	20.916	ug/l	99
83) tert-Butylbenzene	13.214	119	371312	21.750	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	425985	21.809	ug/l	100
85) sec-Butylbenzene	13.391	105	559456	21.512	ug/l	100
86) p-Isopropyltoluene	13.508	119	467437	21.853	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	236008	20.951	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	235327	20.791	ug/l	98
89) n-Butylbenzene	13.832	91	439449	21.606	ug/l	100
90) Hexachloroethane	14.097	117	86438	20.132	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	209136	21.171	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	14782	20.169	ug/l	98
93) 1,2,4-Trichlorobenzene	15.144	180	133571	22.013	ug/l	100
94) Hexachlorobutadiene	15.249	225	74586	22.354	ug/l	99
95) Naphthalene	15.385	128	226078	20.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	113936	21.770	ug/l	97

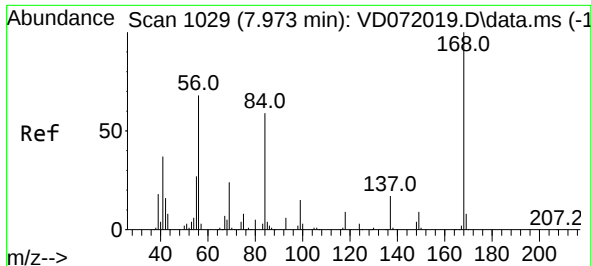
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Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

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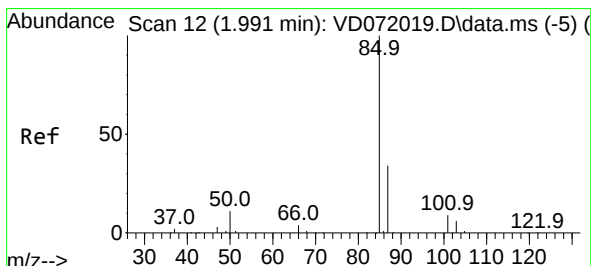
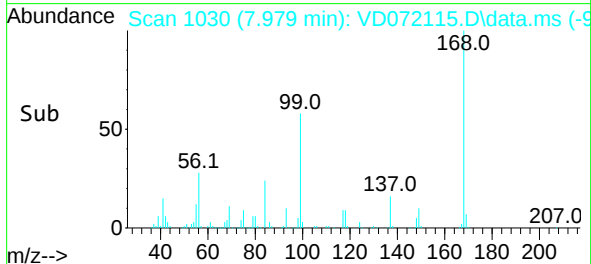
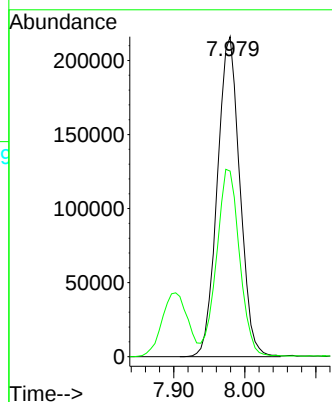
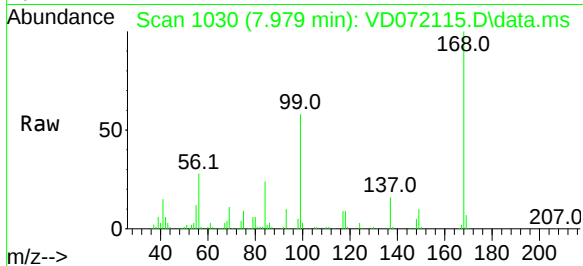
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

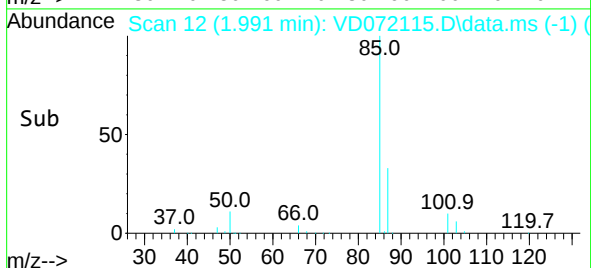
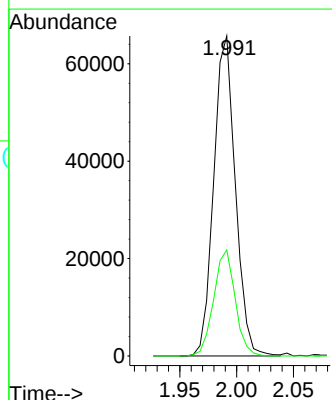
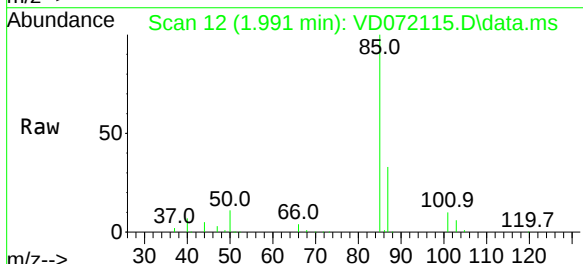
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ClientSampleId :
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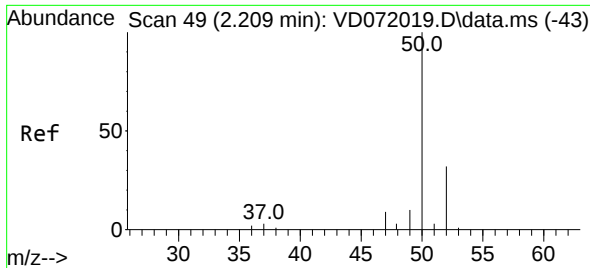
Tgt Ion:168 Resp: 474805
Ion Ratio Lower Upper
168 100
99 57.8 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 19.430 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 85 Resp: 86984
Ion Ratio Lower Upper
85 100
87 33.1 17.0 51.0

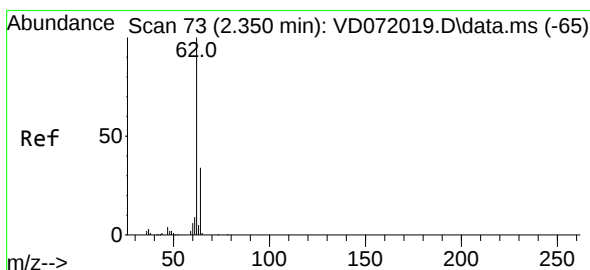
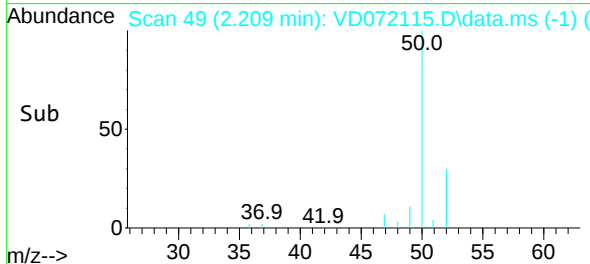
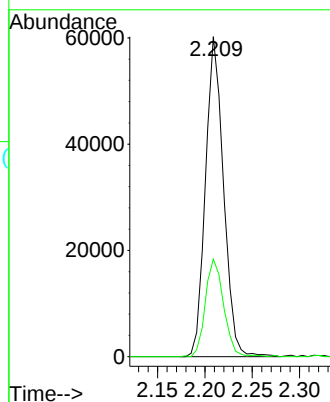
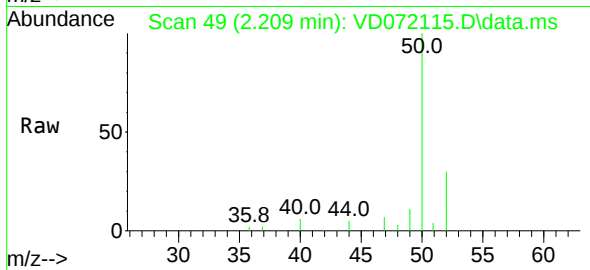




#3
Chloromethane
Concen: 19.880 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

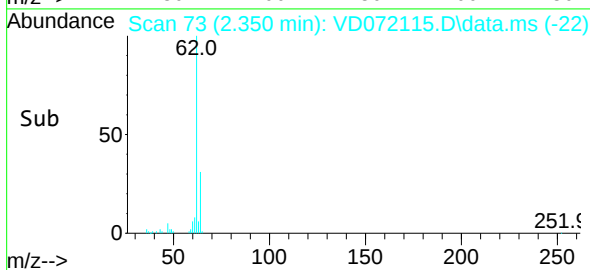
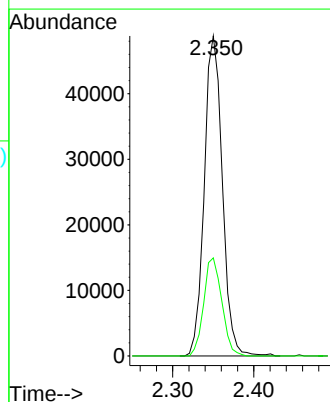
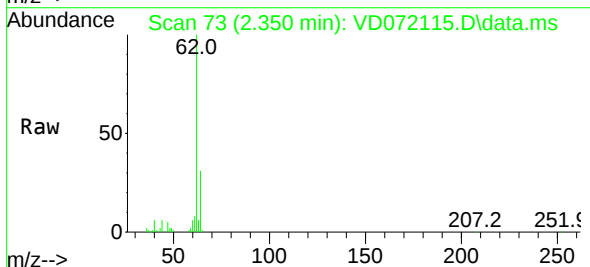
Instrument :
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ClientSampleId :
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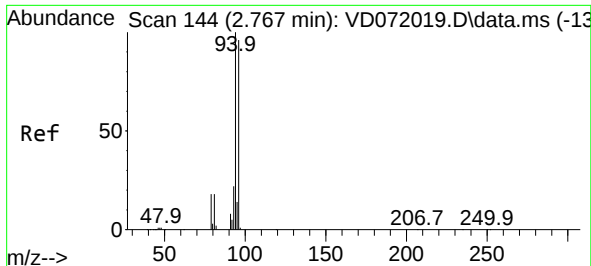
Tgt Ion: 50 Resp: 79886
Ion Ratio Lower Upper
50 100
52 30.5 25.5 38.3



#4
Vinyl Chloride
Concen: 18.639 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 62 Resp: 75327
Ion Ratio Lower Upper
62 100
64 30.7 27.0 40.6

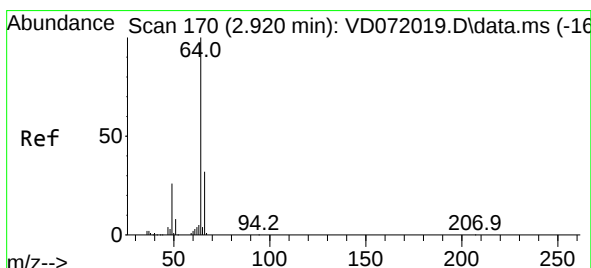
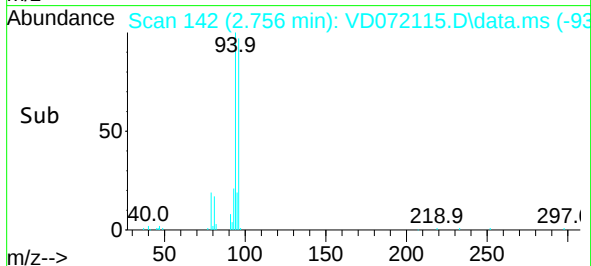
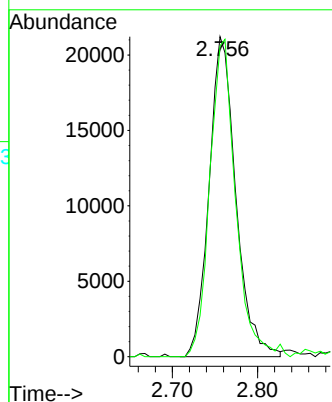
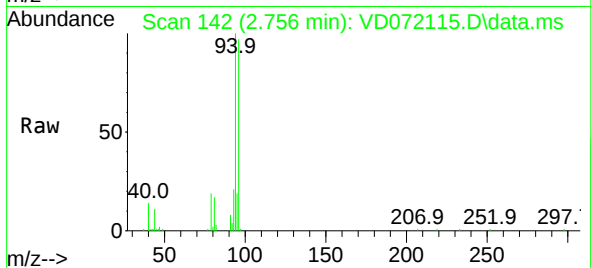




#5
Bromomethane
Concen: 16.858 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.011 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

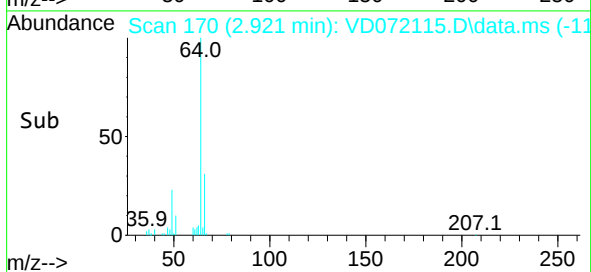
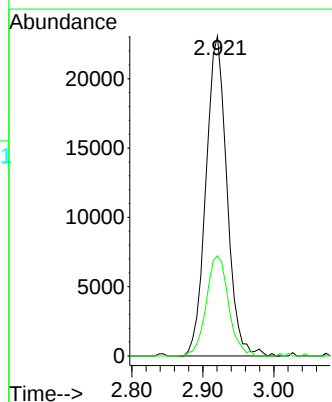
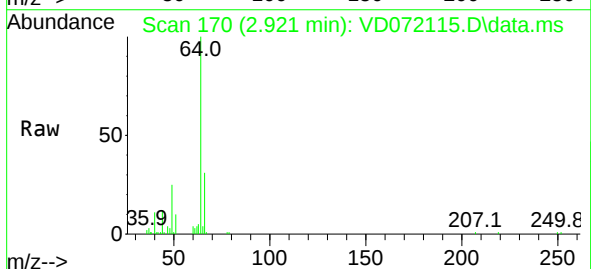
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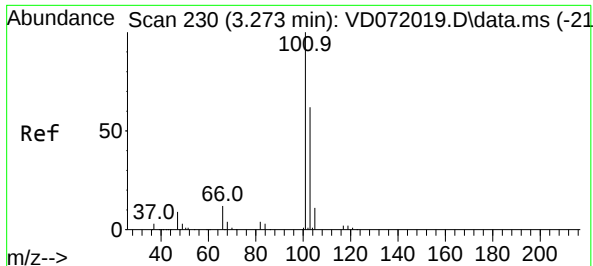
Tgt Ion: 94 Resp: 46248
Ion Ratio Lower Upper
94 100
96 97.1 76.8 115.2



#6
Chloroethane
Concen: 18.531 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 64 Resp: 47337
Ion Ratio Lower Upper
64 100
66 31.3 25.9 38.9

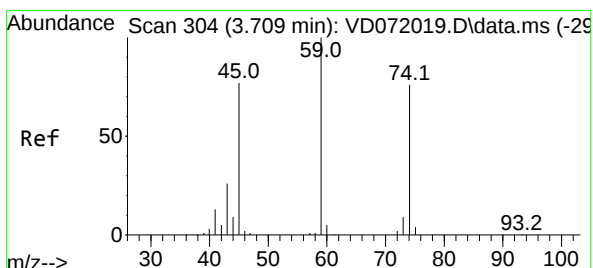
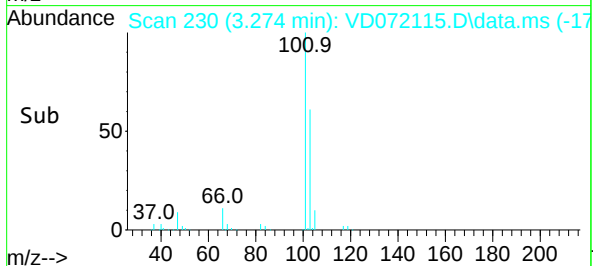
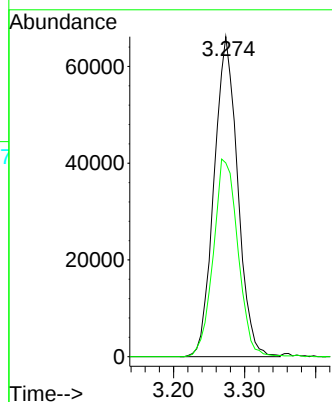
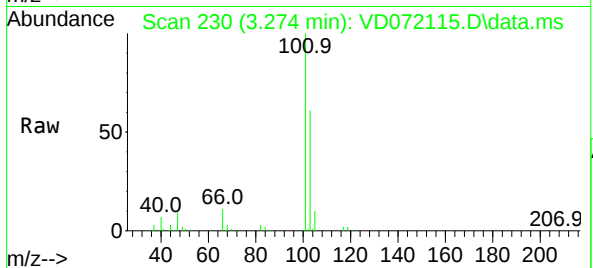




#7
Trichlorofluoromethane
Concen: 19.516 ug/l
RT: 3.274 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

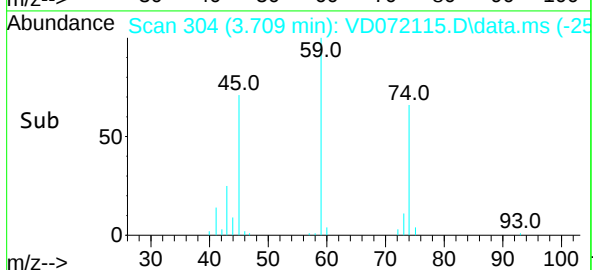
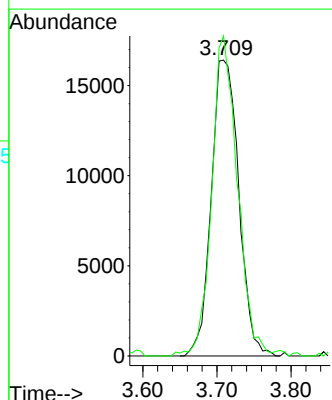
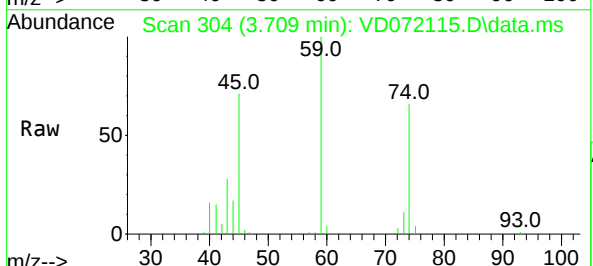
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

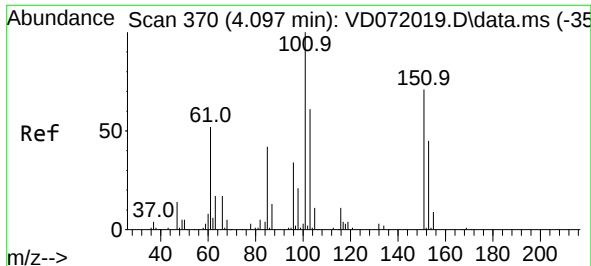
Tgt Ion:101 Resp: 152592
Ion Ratio Lower Upper
101 100
103 60.6 49.4 74.2



#8
Diethyl Ether
Concen: 18.980 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 74 Resp: 42304
Ion Ratio Lower Upper
74 100
45 101.0 50.9 152.8

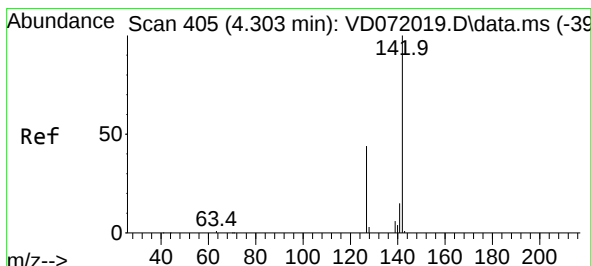
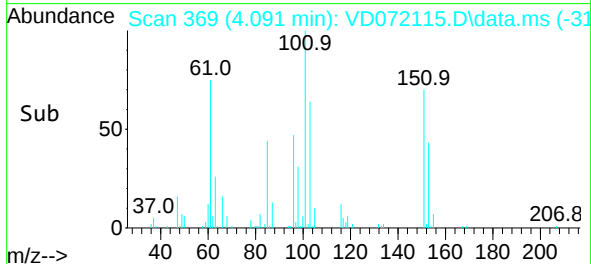
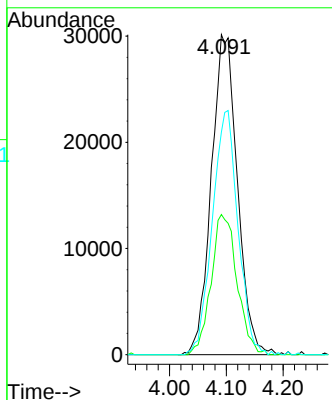
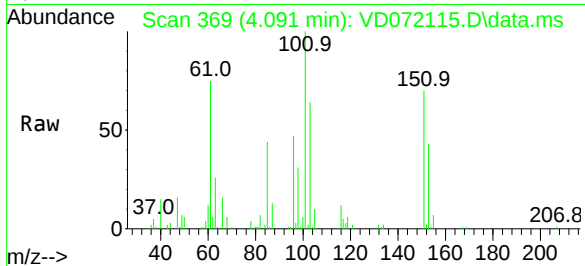




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.690 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

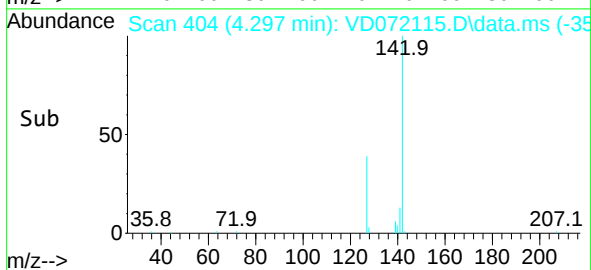
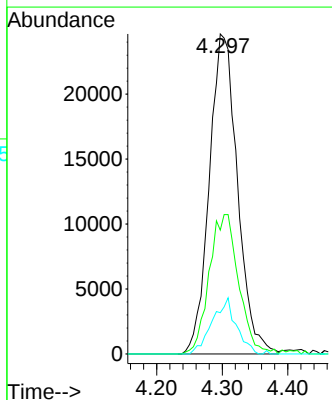
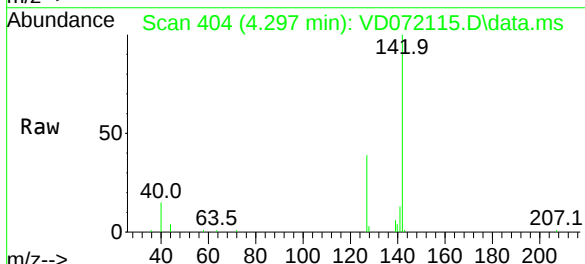
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

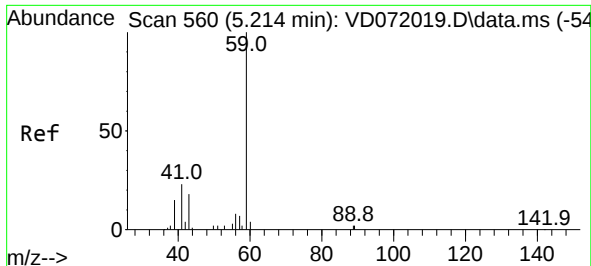
Tgt Ion:101 Resp: 96187
Ion Ratio Lower Upper
101 100
85 43.6 34.1 51.1
151 75.1 59.8 89.6



#10
Methyl Iodide
Concen: 15.750 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion:142 Resp: 73411
Ion Ratio Lower Upper
142 100
127 45.5 35.8 53.8
141 15.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 105.515 ug/l

RT: 5.209 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

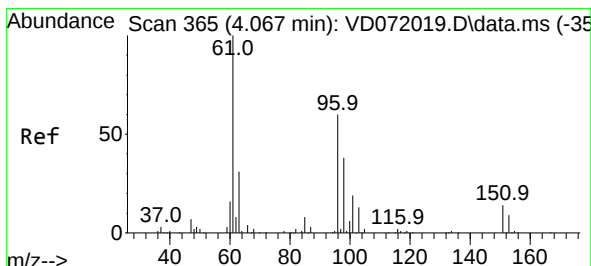
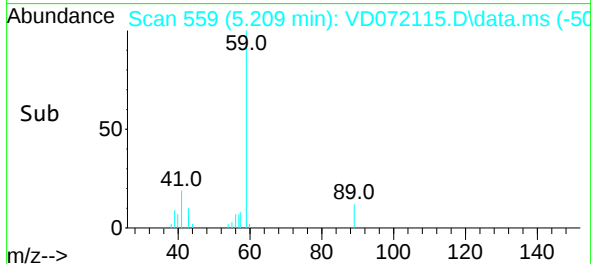
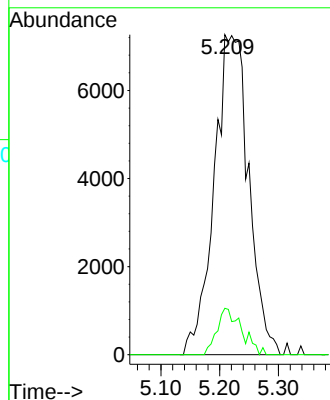
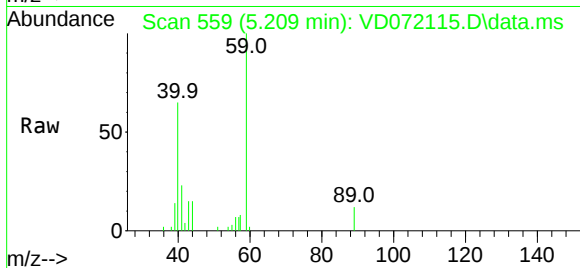
VD0228SBS01

Tgt Ion: 59 Resp: 29651

Ion Ratio Lower Upper

59 100

57 10.3 5.4 8.2#



#12

1,1-Dichloroethene

Concen: 18.252 ug/l

RT: 4.068 min Scan# 365

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

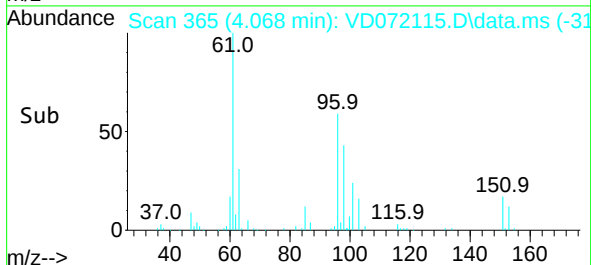
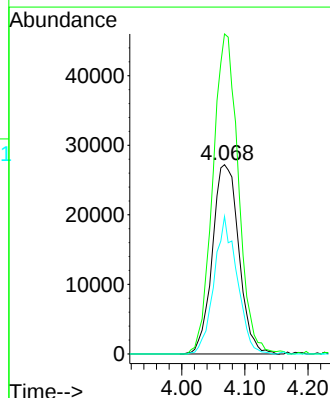
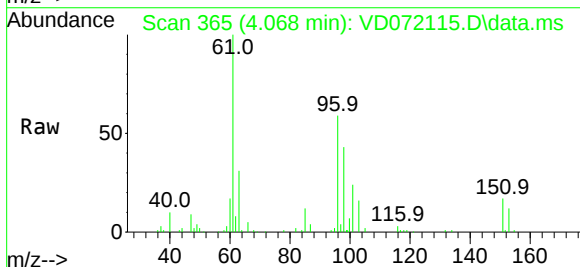
Tgt Ion: 96 Resp: 79193

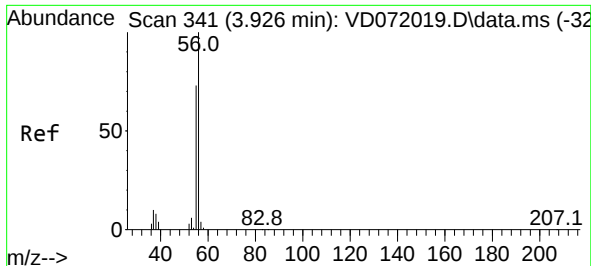
Ion Ratio Lower Upper

96 100

61 169.1 132.8 199.2

98 72.6 50.1 75.1

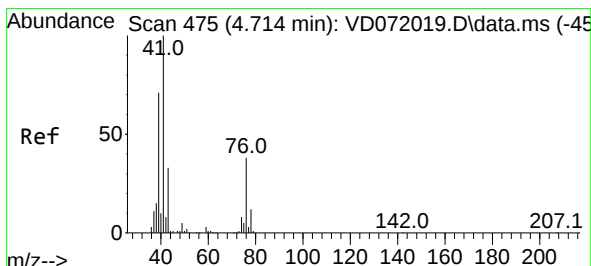
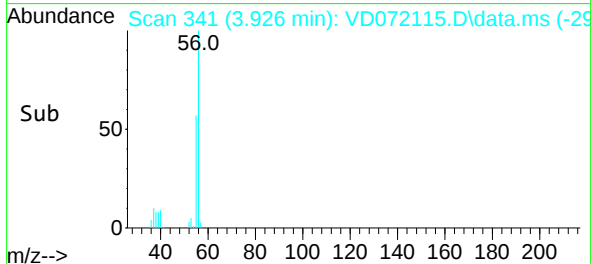
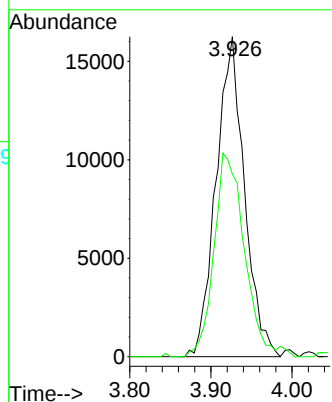
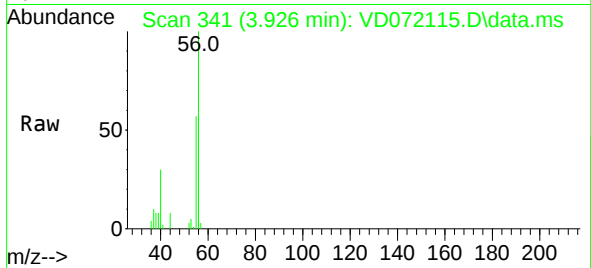




#13
Acrolein
Concen: 71.107 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

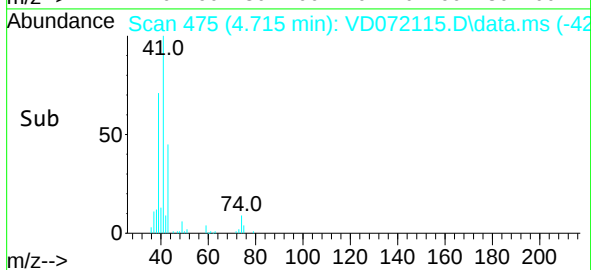
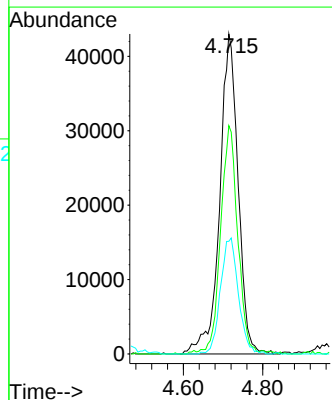
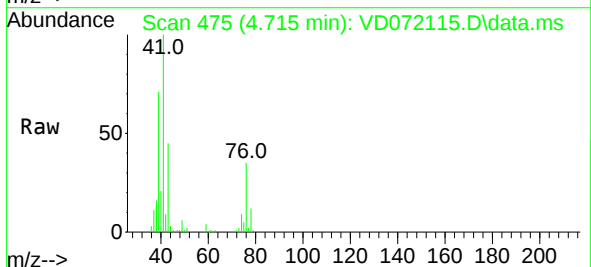
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

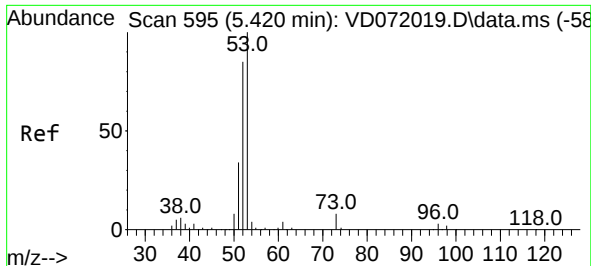
Tgt Ion: 56 Resp: 39403
Ion Ratio Lower Upper
56 100
55 68.5 55.8 83.6



#14
Allyl chloride
Concen: 18.242 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 41 Resp: 138716
Ion Ratio Lower Upper
41 100
39 66.3 52.2 78.2
76 35.3 28.1 42.1

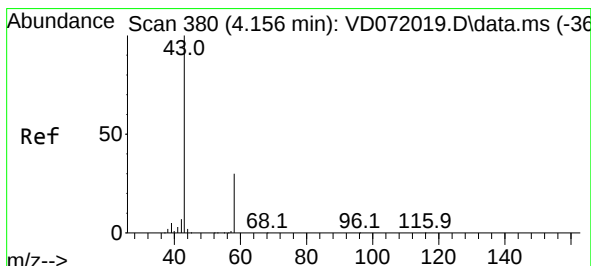
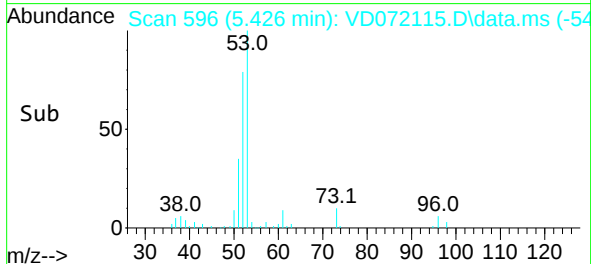
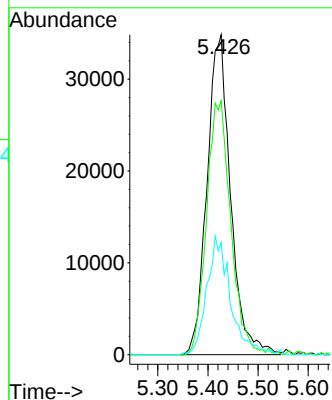
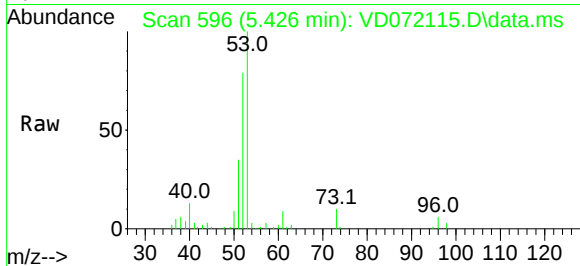




#15
Acrylonitrile
Concen: 94.430 ug/l
RT: 5.426 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

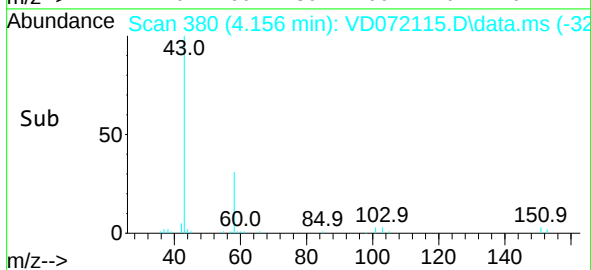
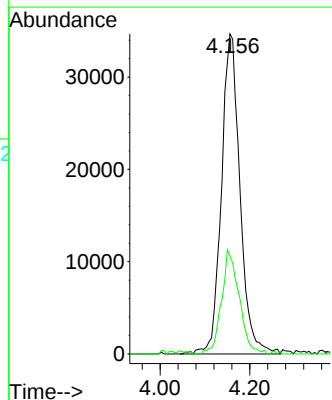
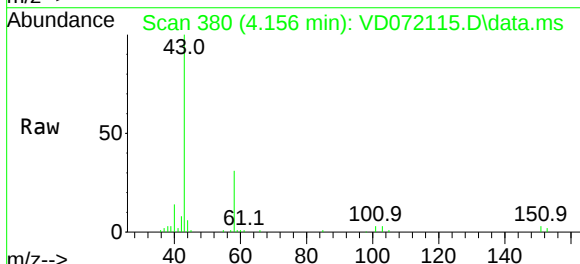
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

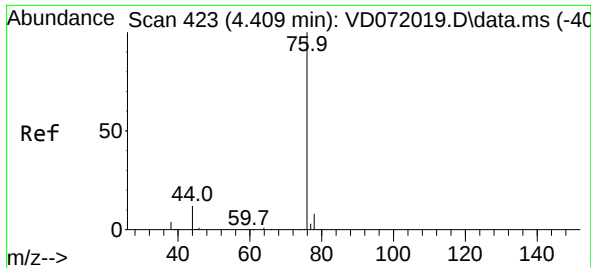
Tgt Ion: 53 Resp: 113757
Ion Ratio Lower Upper
53 100
52 81.1 65.8 98.6
51 37.3 29.4 44.0



#16
Acetone
Concen: 93.892 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 43 Resp: 99939
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.6

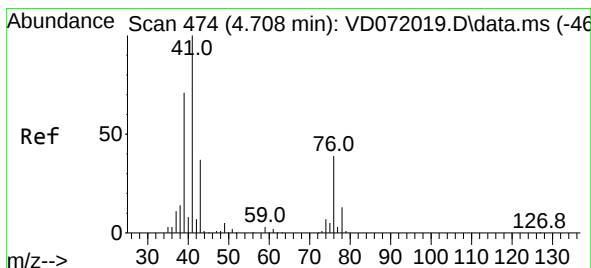
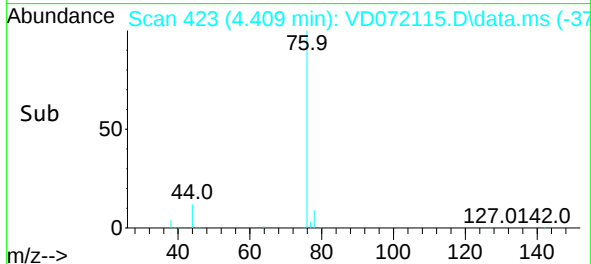
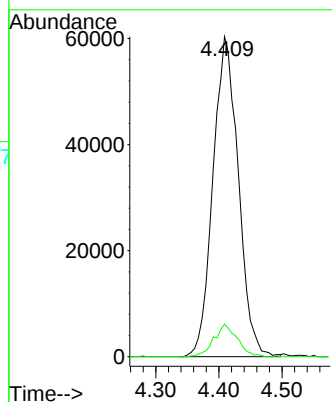
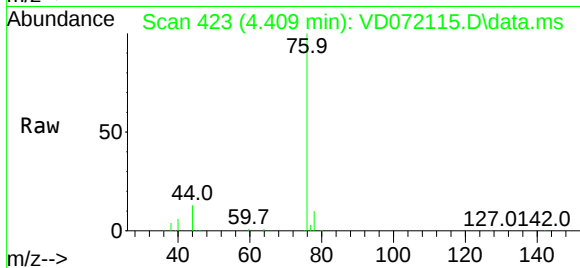




#17
Carbon Disulfide
Concen: 14.417 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

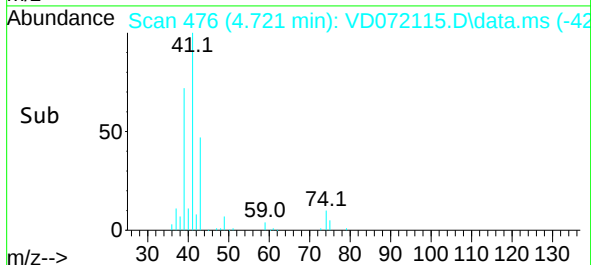
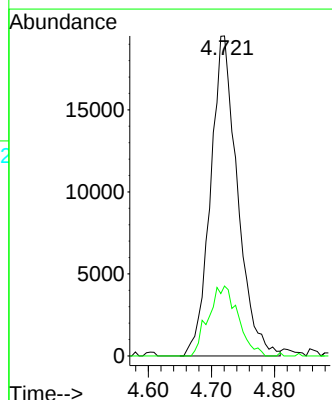
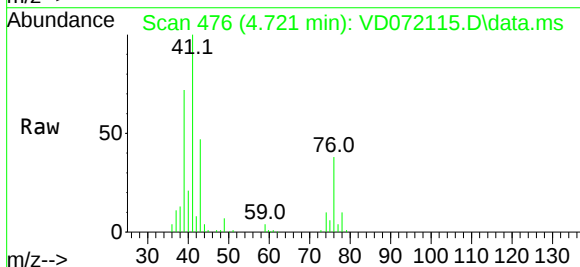
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

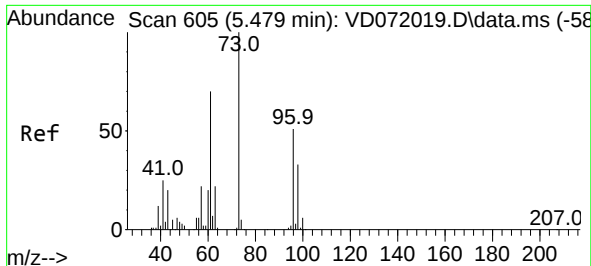
Tgt Ion: 76 Resp: 168361
Ion Ratio Lower Upper
76 100
78 10.1 6.7 10.1#



#18
Methyl Acetate
Concen: 20.741 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.013 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 43 Resp: 57906
Ion Ratio Lower Upper
43 100
74 24.0 18.6 27.8

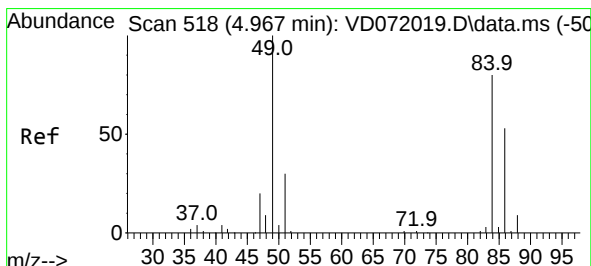
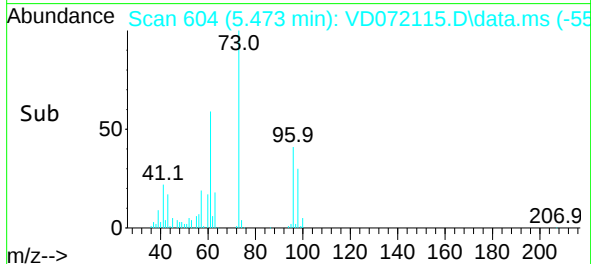
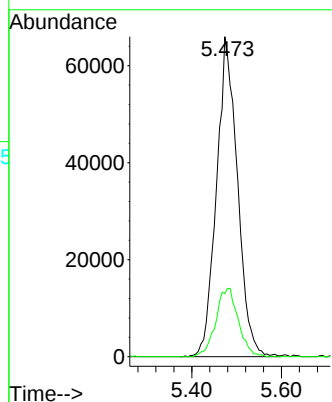
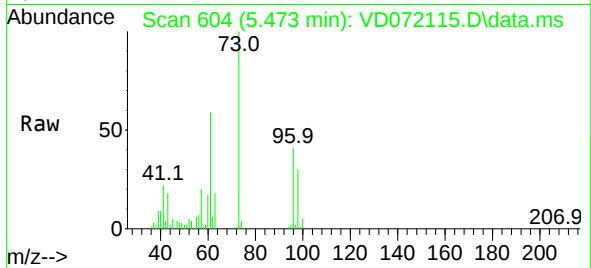




#19
Methyl tert-butyl Ether
Concen: 20.292 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

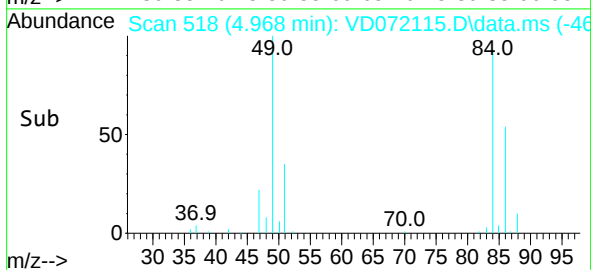
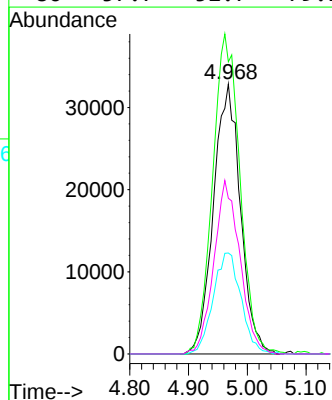
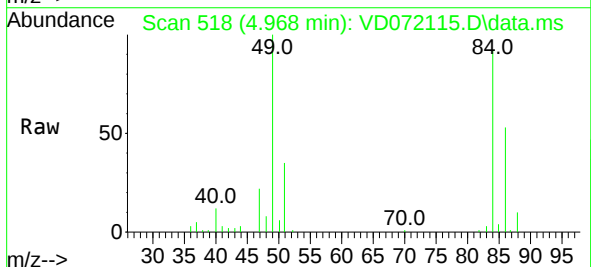
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

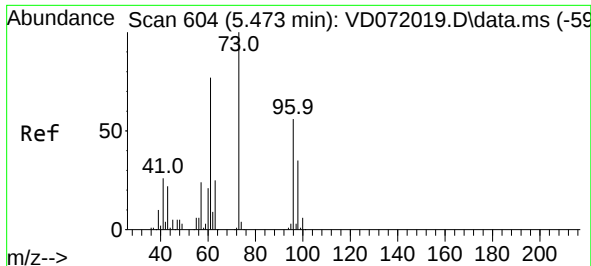
Tgt Ion: 73 Resp: 214194
Ion Ratio Lower Upper
73 100
57 19.7 18.0 27.0



#20
Methylene Chloride
Concen: 19.711 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 84 Resp: 104420
Ion Ratio Lower Upper
84 100
49 108.2 100.0 150.0
51 37.4 30.2 45.4
86 57.7 52.7 79.1

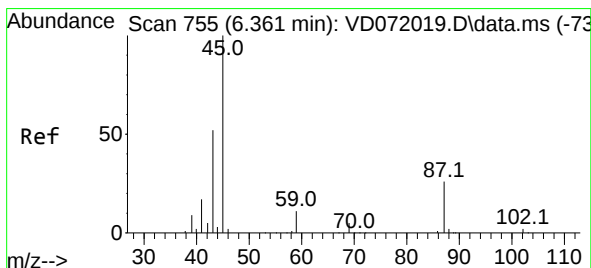
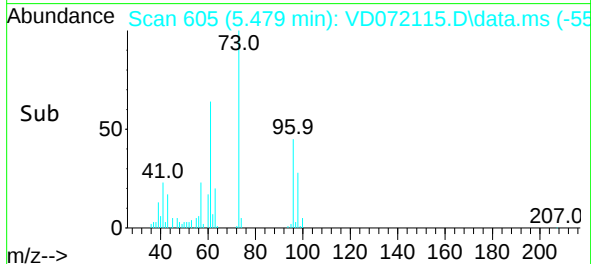
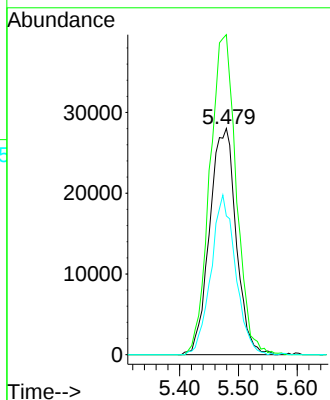
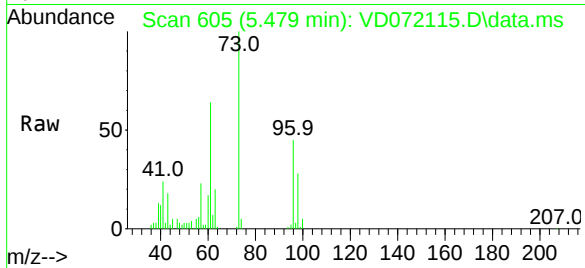




#21
trans-1,2-Dichloroethene
Concen: 17.982 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

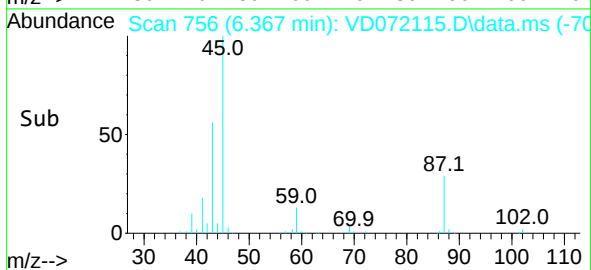
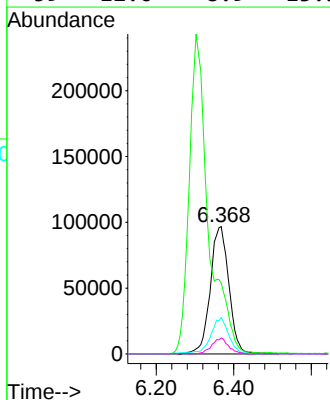
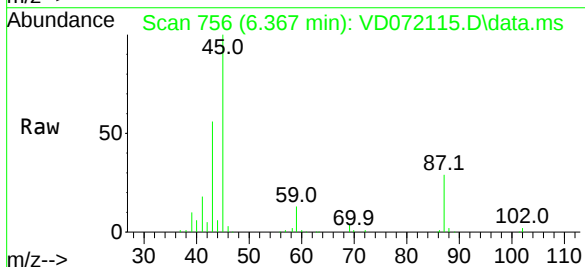
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

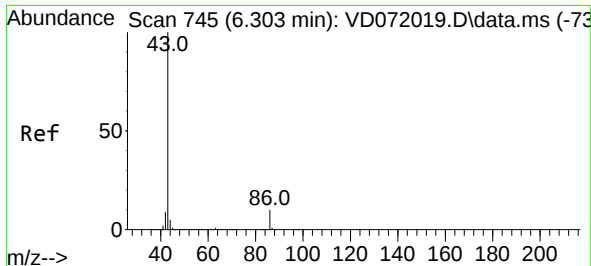
Tgt Ion: 96 Resp: 87671
Ion Ratio Lower Upper
96 100
61 141.5 109.4 164.0
98 61.3 49.6 74.4



#22
Diisopropyl ether
Concen: 20.362 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 45 Resp: 323319
Ion Ratio Lower Upper
45 100
43 55.0 41.3 61.9
87 28.5 20.4 30.6
59 12.6 8.9 13.3

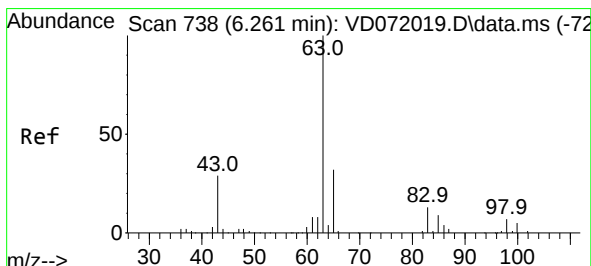
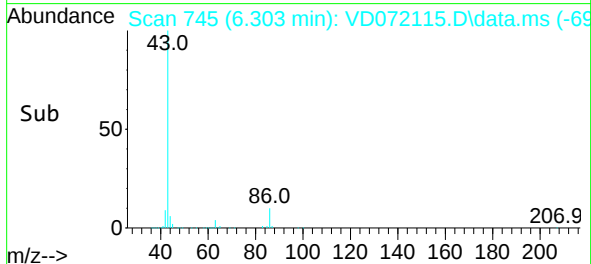
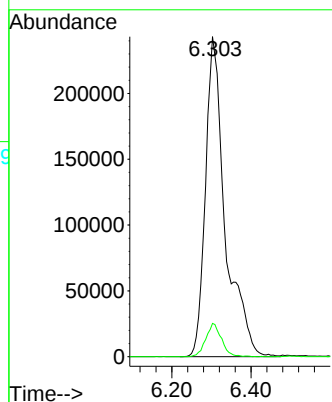
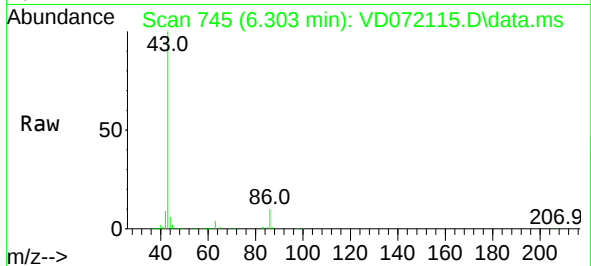




#23
 Vinyl Acetate
 Concen: 99.130 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072115.D
 Acq: 28 Feb 2022 11:42

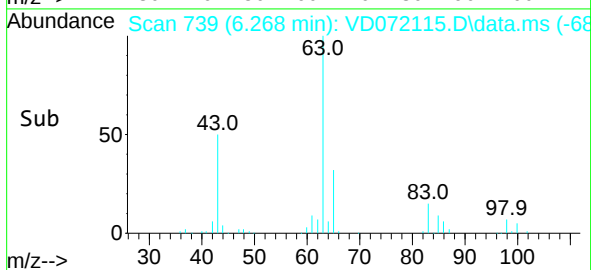
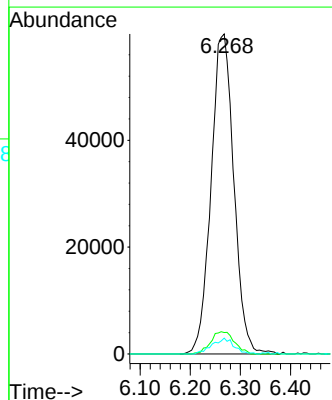
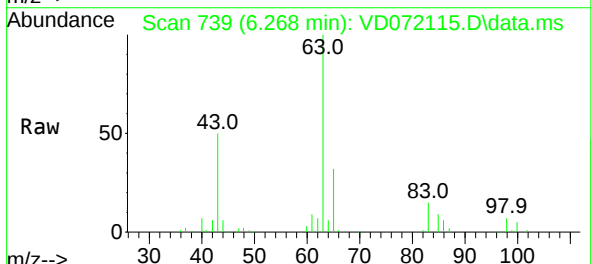
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0228SBS01

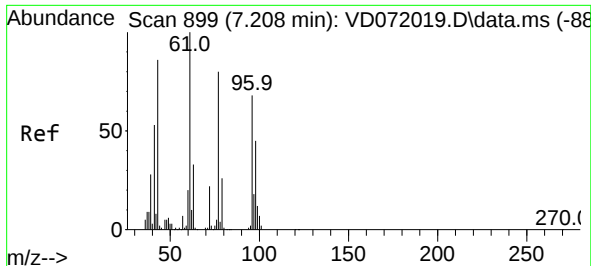
Tgt Ion: 43 Resp: 840582
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 19.986 ug/l
 RT: 6.268 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD072115.D
 Acq: 28 Feb 2022 11:42

Tgt Ion: 63 Resp: 188800
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 5.0 2.4 7.1

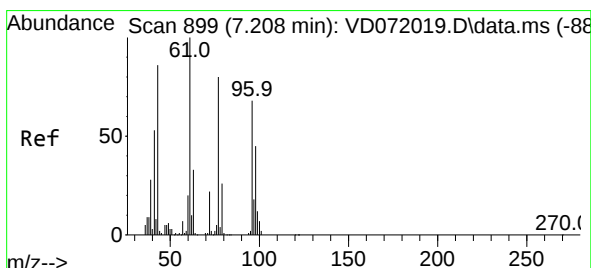
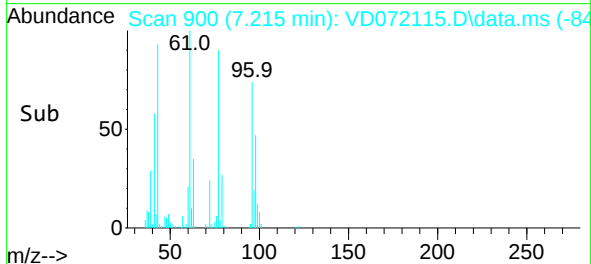
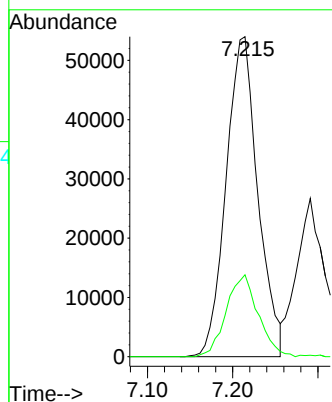
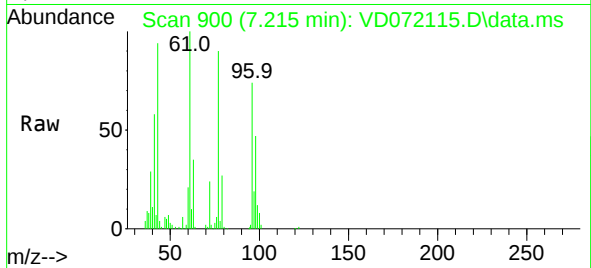




#25
2-Butanone
Concen: 95.117 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

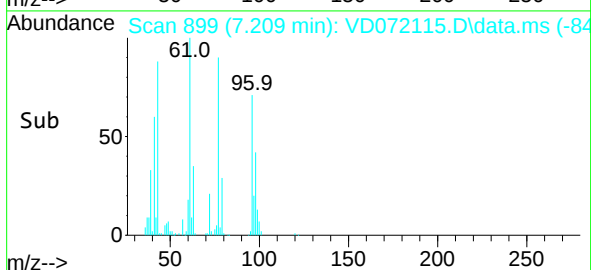
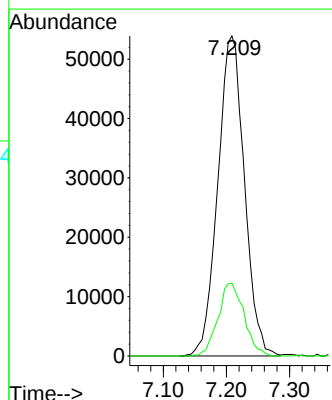
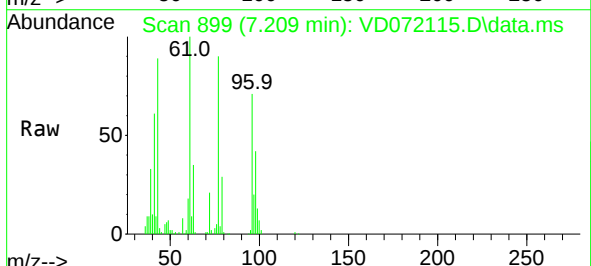
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

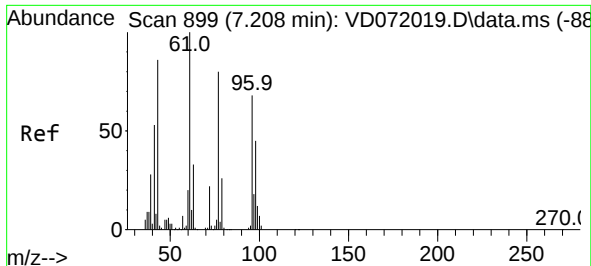
Tgt Ion: 43 Resp: 139931
Ion Ratio Lower Upper
43 100
72 25.6 20.3 30.5



#26
2,2-Dichloropropane
Concen: 20.858 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 77 Resp: 157670
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1

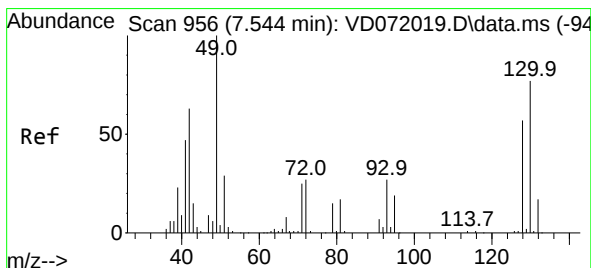
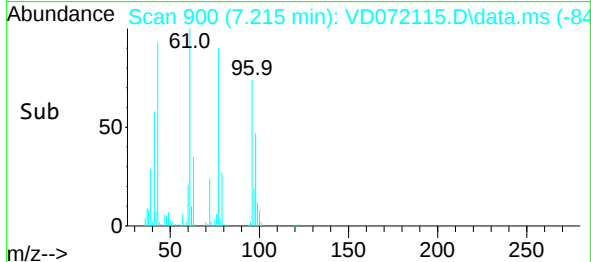
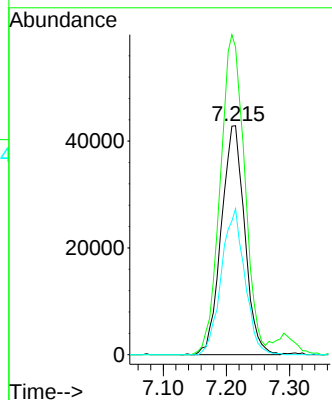
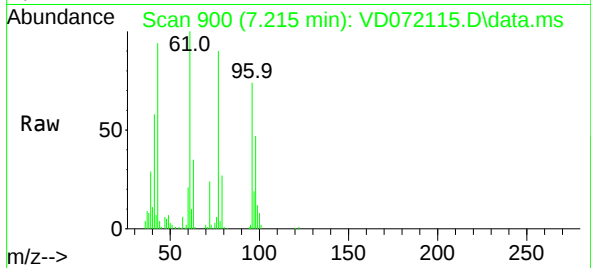




#27
cis-1,2-Dichloroethene
Concen: 19.748 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

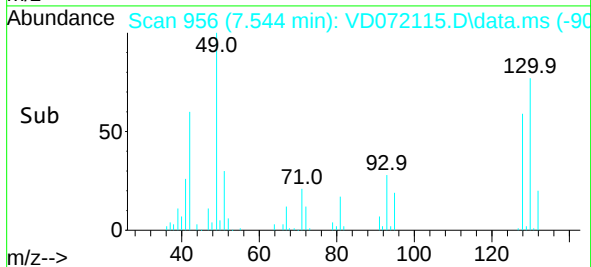
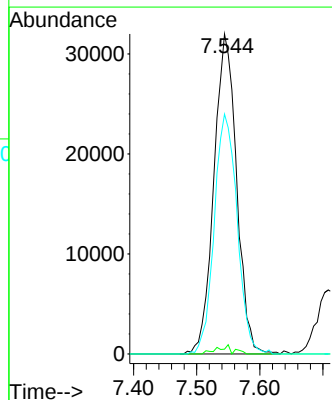
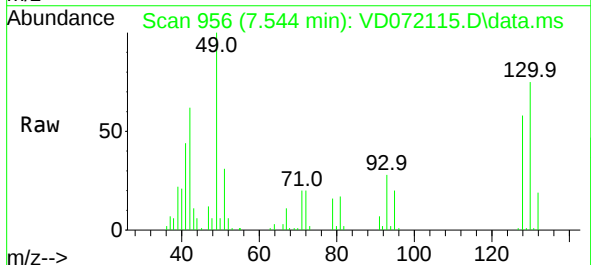
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

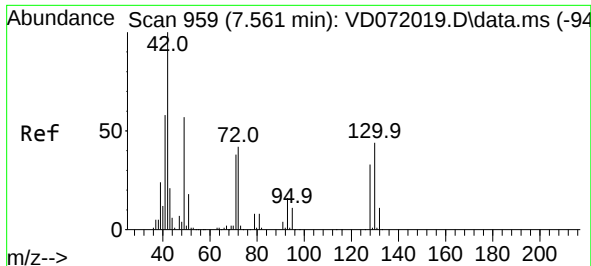
Tgt Ion: 96 Resp: 110307
Ion Ratio Lower Upper
96 100
61 145.4 0.0 295.6
98 63.7 0.0 129.8



#28
Bromochloromethane
Concen: 19.842 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 49 Resp: 79903
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 75.8 61.1 91.7





#29

Tetrahydrofuran

Concen: 93.237 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBS01

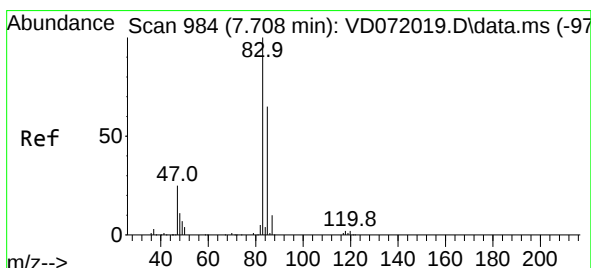
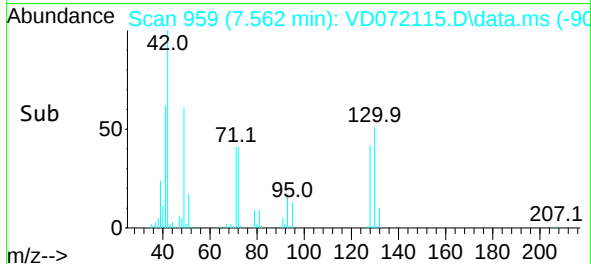
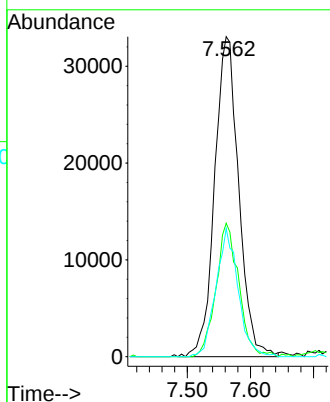
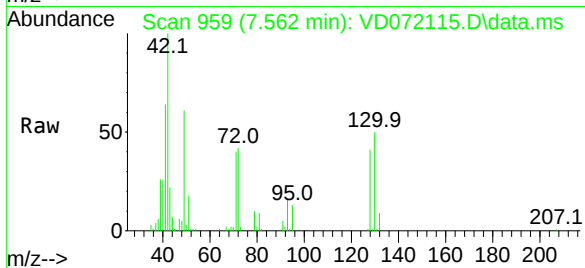
Tgt Ion: 42 Resp: 87539

Ion Ratio Lower Upper

42 100

72 39.5 33.6 50.4

71 37.0 31.0 46.4



#30

Chloroform

Concen: 20.622 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD072115.D

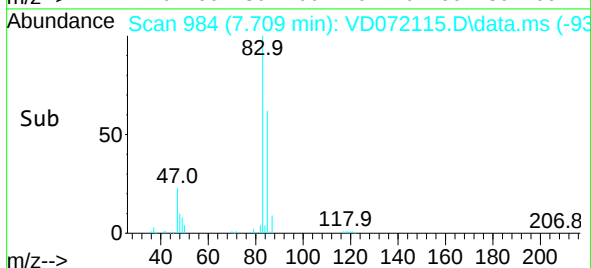
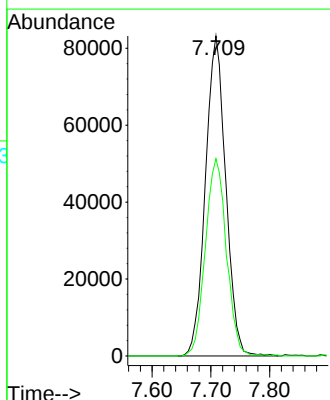
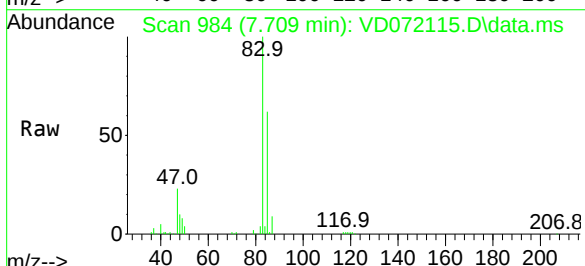
Acq: 28 Feb 2022 11:42

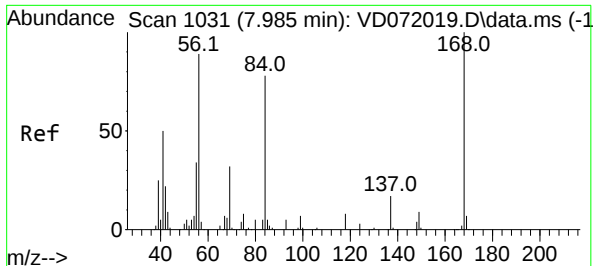
Tgt Ion: 83 Resp: 200012

Ion Ratio Lower Upper

83 100

85 61.6 52.2 78.2





#31

Cyclohexane

Concen: 17.219 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBS01

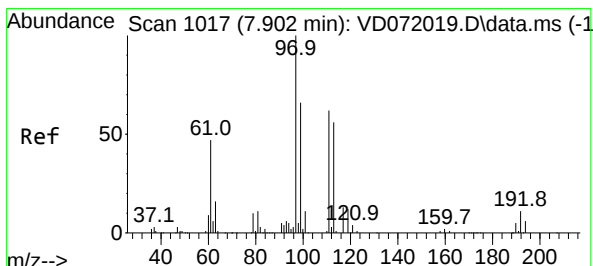
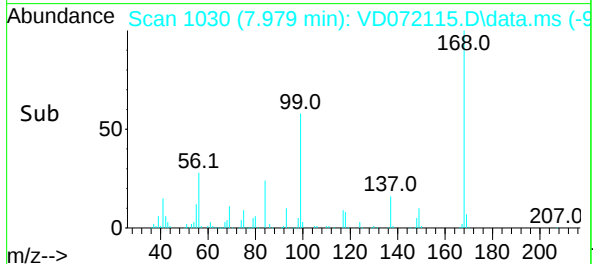
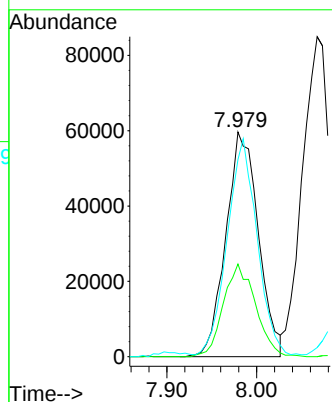
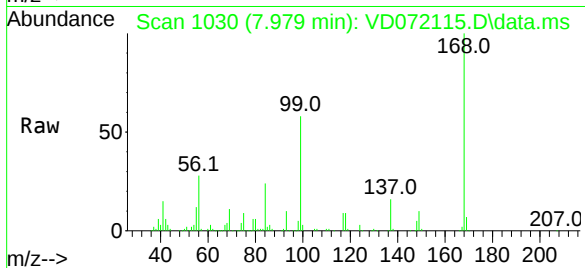
Tgt Ion: 56 Resp: 149797

Ion Ratio Lower Upper

56 100

69 41.3 28.9 43.3

84 86.5 70.6 105.8



#32

1,1,1-Trichloroethane

Concen: 20.457 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

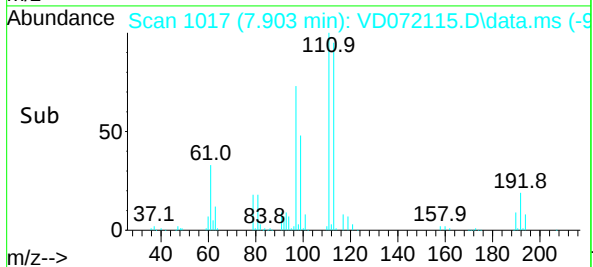
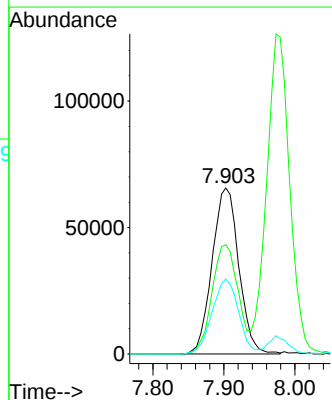
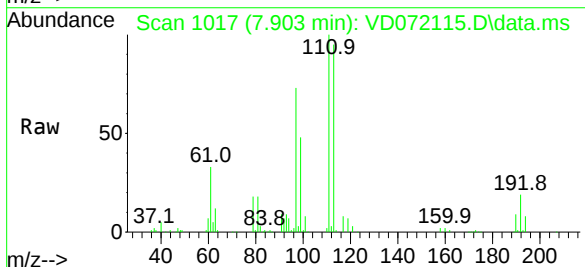
Tgt Ion: 97 Resp: 170746

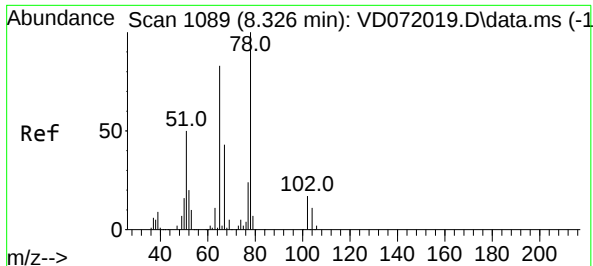
Ion Ratio Lower Upper

97 100

99 65.4 51.2 76.8

61 44.4 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 53.331 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

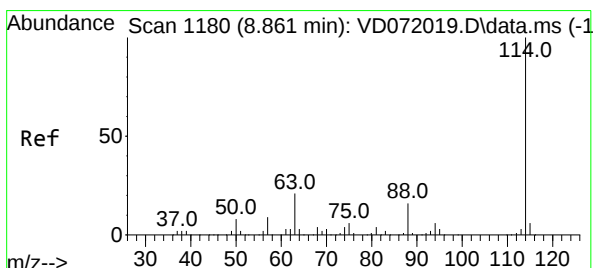
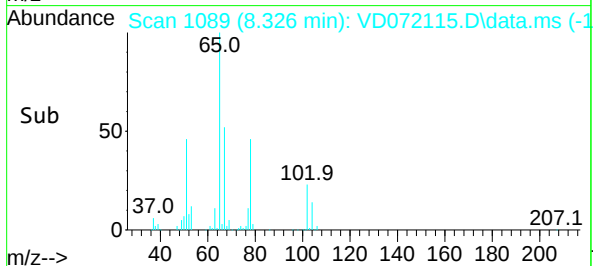
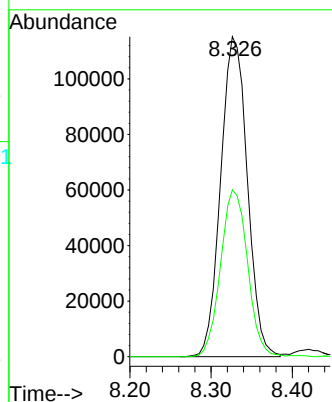
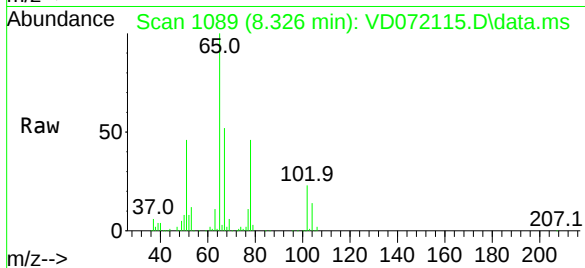
VD0228SBS01

Tgt Ion: 65 Resp: 262663

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

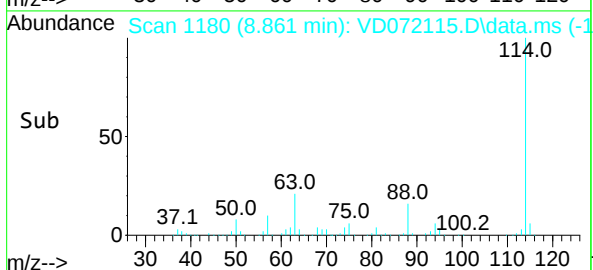
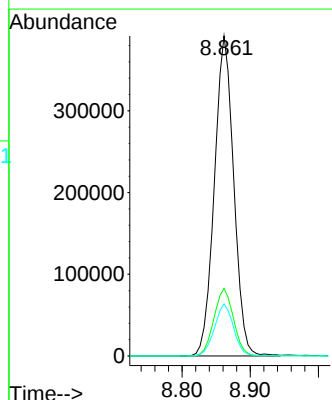
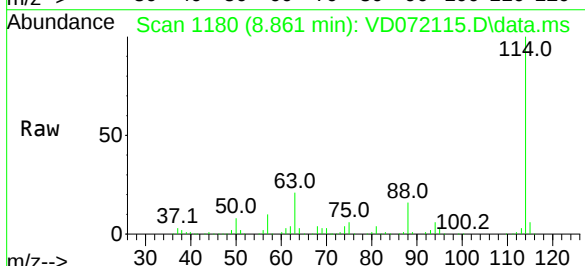
Tgt Ion: 114 Resp: 774364

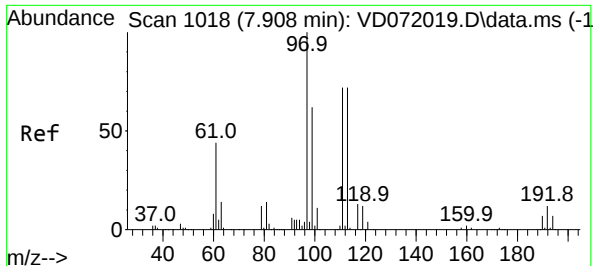
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.2

88 16.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 54.800 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBS01

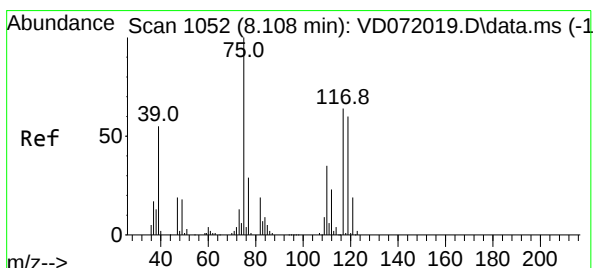
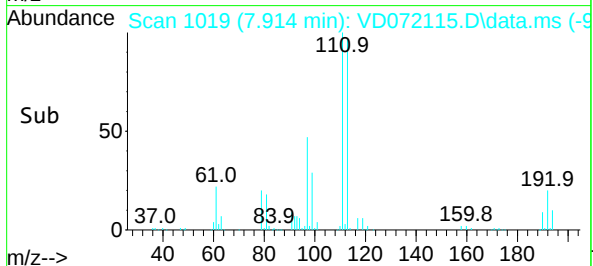
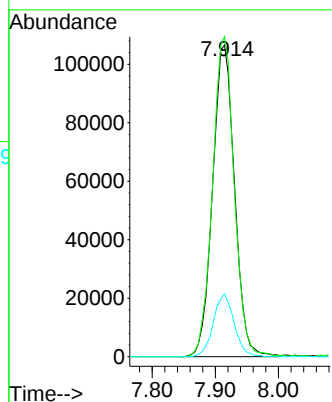
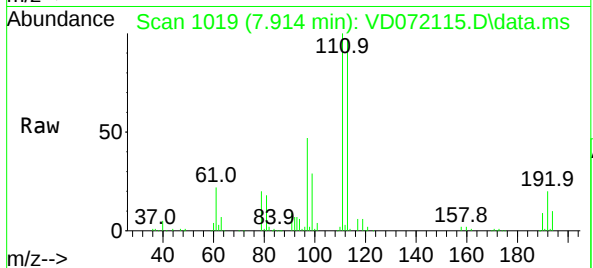
Tgt Ion:113 Resp: 257103

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

192 19.2 15.3 22.9



#36

1,1-Dichloropropene

Concen: 18.384 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

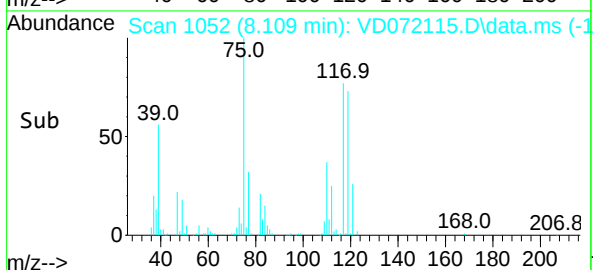
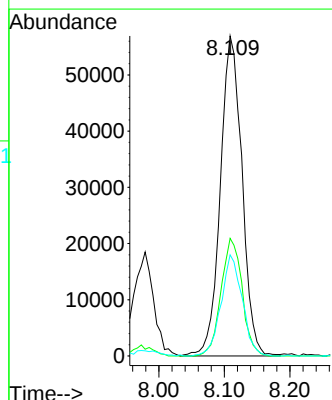
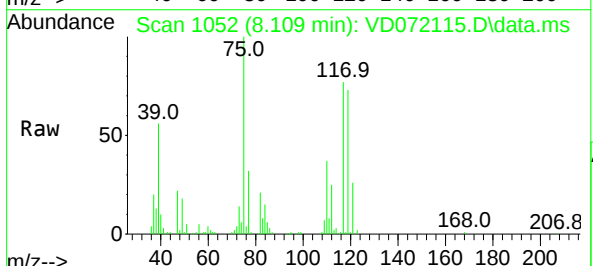
Tgt Ion: 75 Resp: 130650

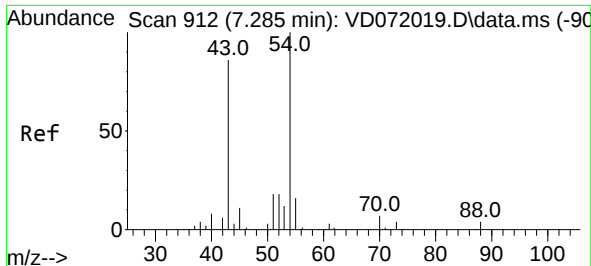
Ion Ratio Lower Upper

75 100

110 35.7 17.7 53.1

77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 19.326 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBS01

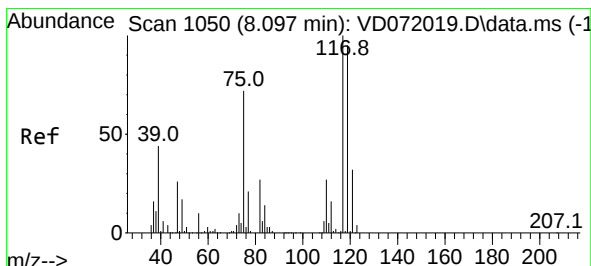
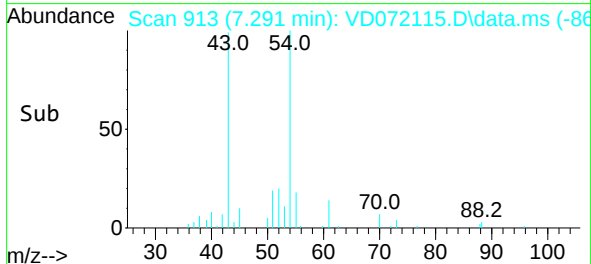
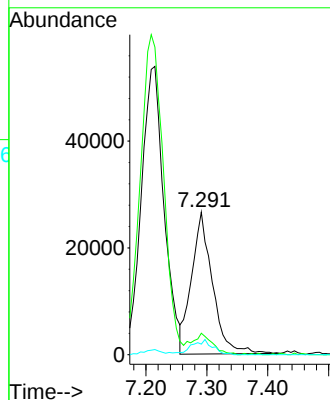
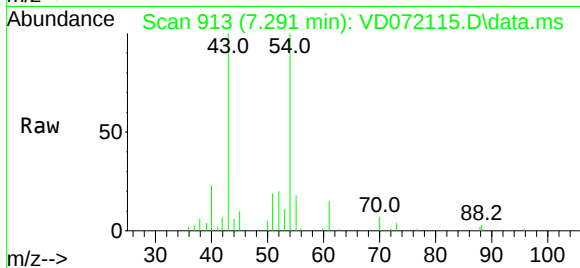
Tgt Ion: 43 Resp: 63688

Ion Ratio Lower Upper

43 100

61 12.3 9.8 14.8

70 10.4 7.4 11.2



#38

Carbon Tetrachloride

Concen: 19.944 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

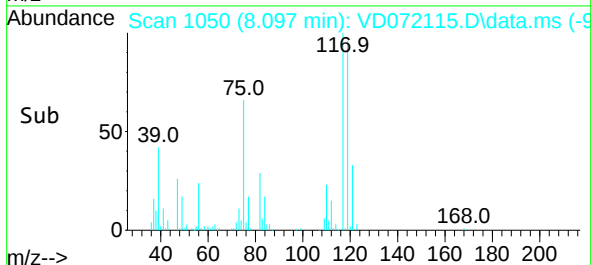
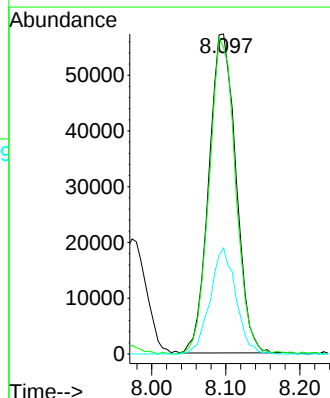
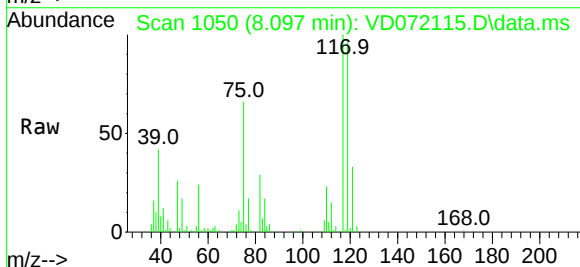
Tgt Ion: 117 Resp: 145274

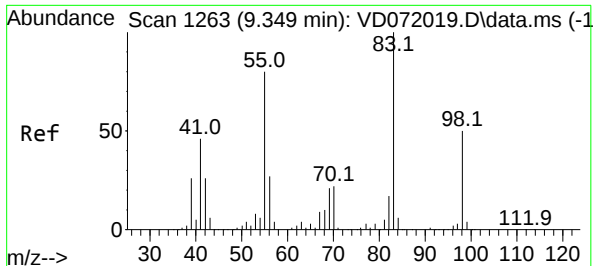
Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.8

121 33.2 25.8 38.6





#39

Methylcyclohexane

Concen: 17.637 ug/l

RT: 9.356 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBS01

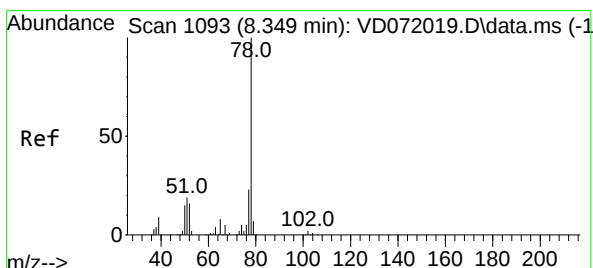
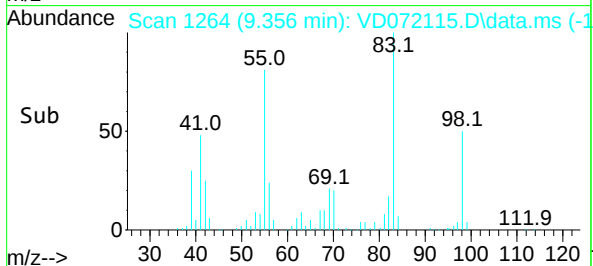
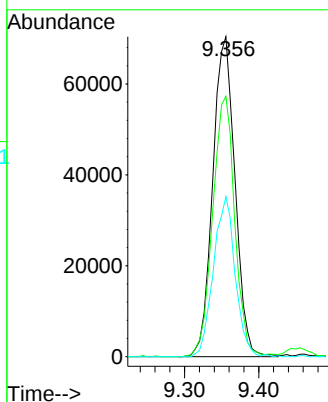
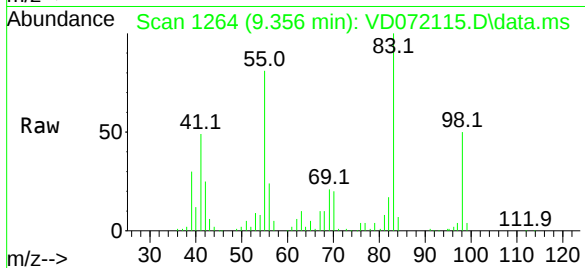
Tgt Ion: 83 Resp: 146699

Ion Ratio Lower Upper

83 100

55 81.4 64.0 96.0

98 50.1 39.8 59.8



#40

Benzene

Concen: 19.296 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072115.D

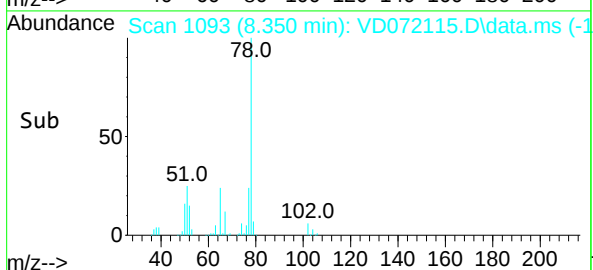
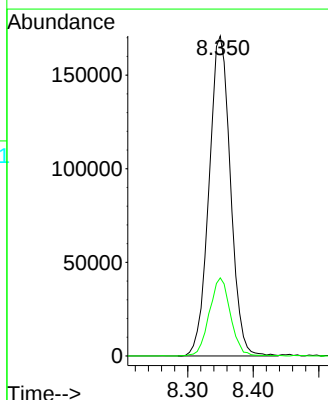
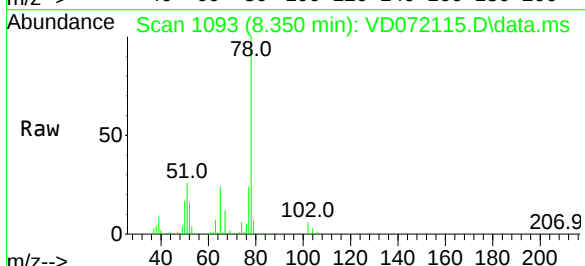
Acq: 28 Feb 2022 11:42

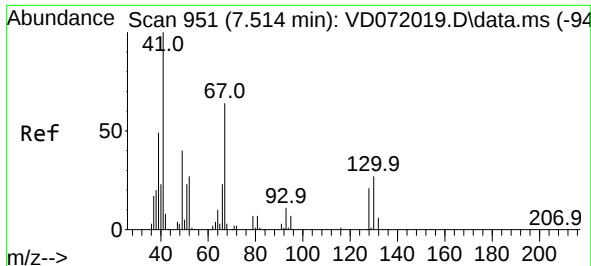
Tgt Ion: 78 Resp: 386958

Ion Ratio Lower Upper

78 100

77 24.4 18.2 27.4

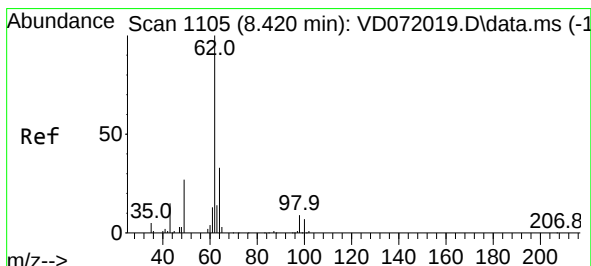
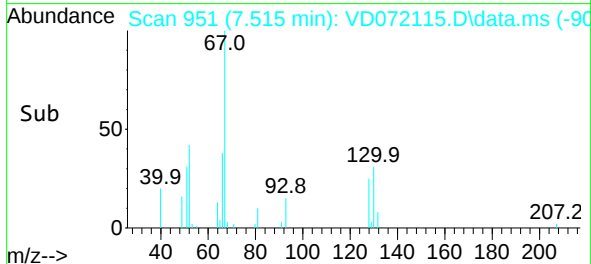
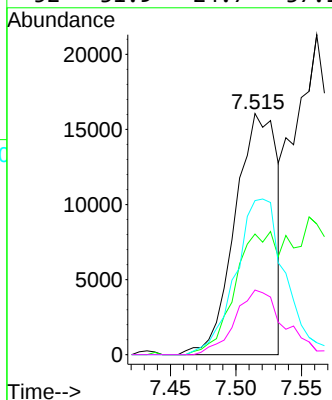
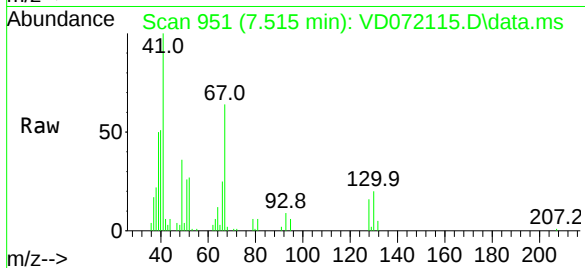




#41
Methacrylonitrile
Concen: 17.446 ug/l
RT: 7.515 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

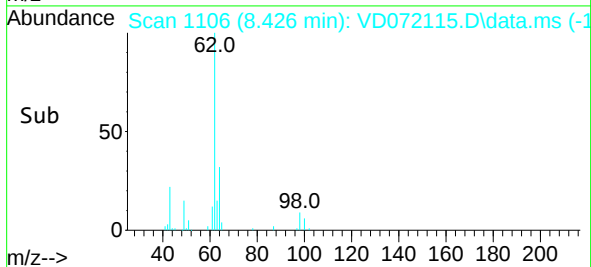
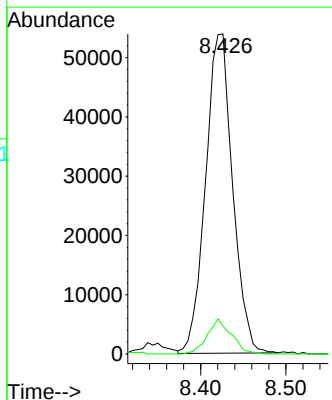
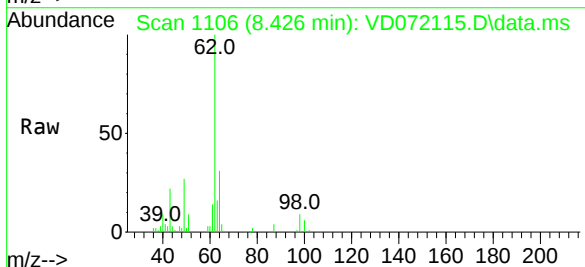
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

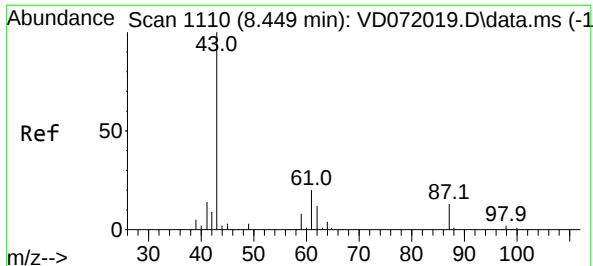
Tgt Ion:	41	Resp:	35652
Ion	Ratio	Lower	Upper
41	100		
39	51.6	46.7	70.1
67	76.8	57.6	86.4
52	31.9	24.7	37.1



#42
1,2-Dichloroethane
Concen: 19.784 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion:	62	Resp:	119007
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.0

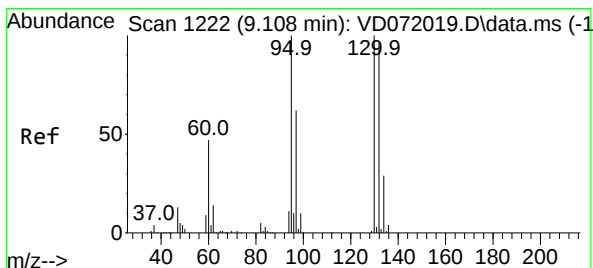
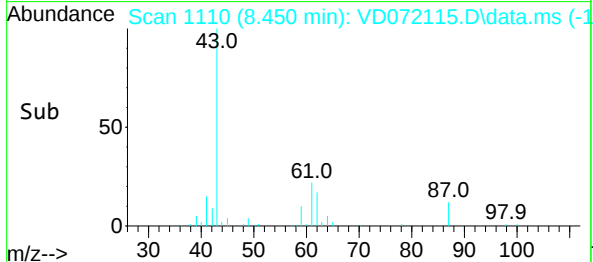
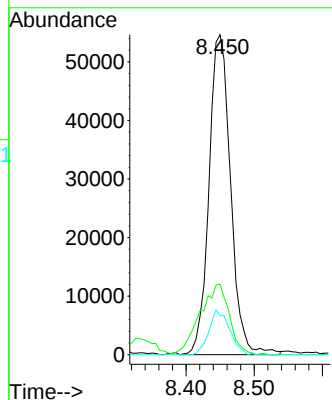
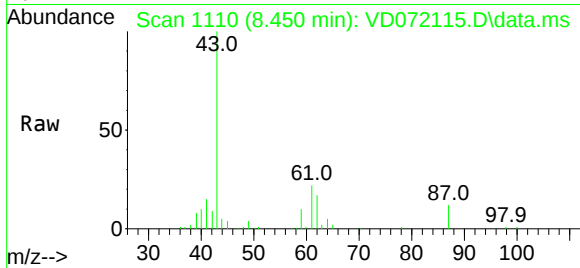




#43
Isopropyl Acetate
Concen: 19.672 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

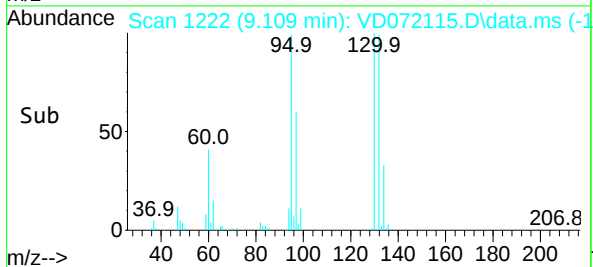
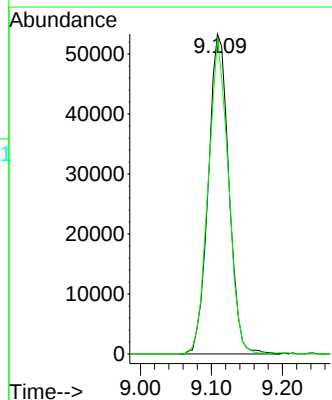
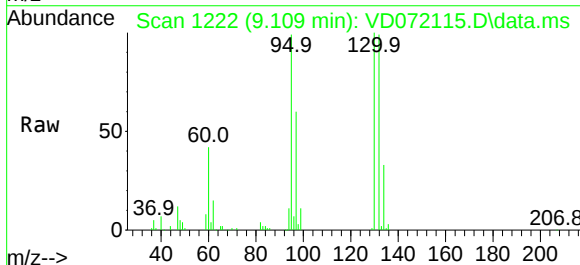
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

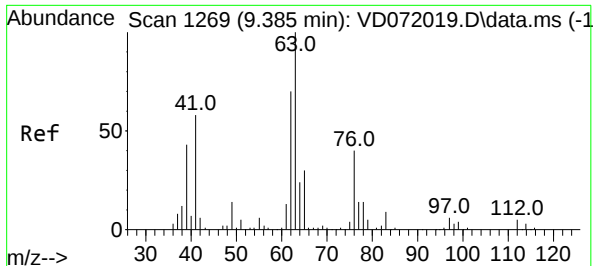
Tgt Ion: 43 Resp: 120727
Ion Ratio Lower Upper
43 100
61 29.8 24.6 37.0
87 13.4 10.1 15.1



#44
Trichloroethene
Concen: 19.616 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion:130 Resp: 107216
Ion Ratio Lower Upper
130 100
95 98.6 0.0 199.4





#45

1,2-Dichloropropane

Concen: 19.982 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

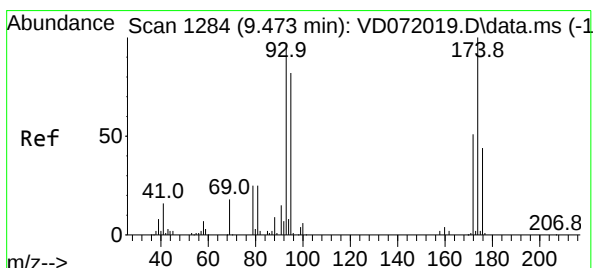
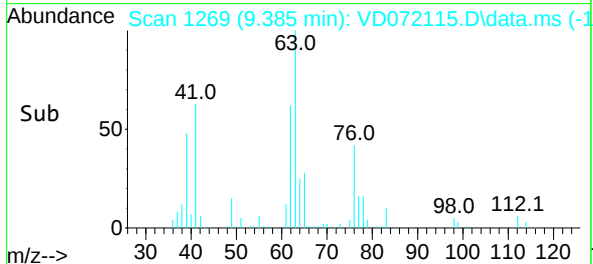
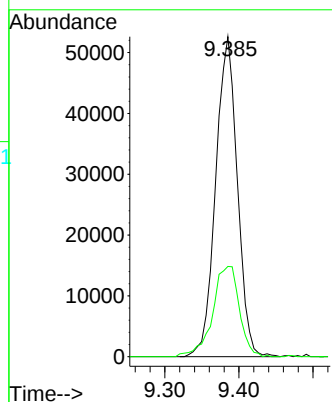
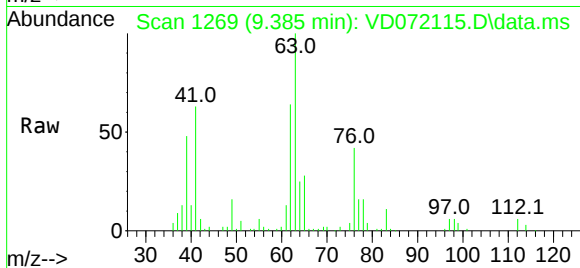
VD0228SBS01

Tgt Ion: 63 Resp: 106889

Ion Ratio Lower Upper

63 100

65 28.2 24.0 36.0



#46

Dibromomethane

Concen: 19.217 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

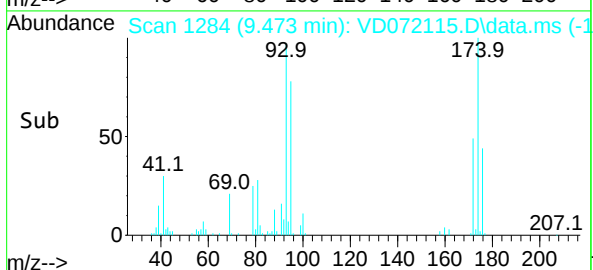
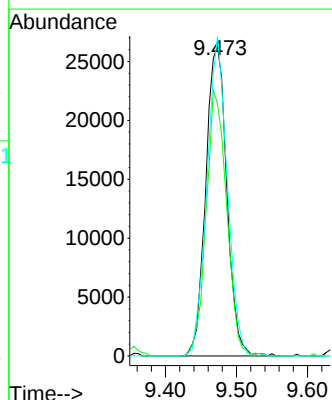
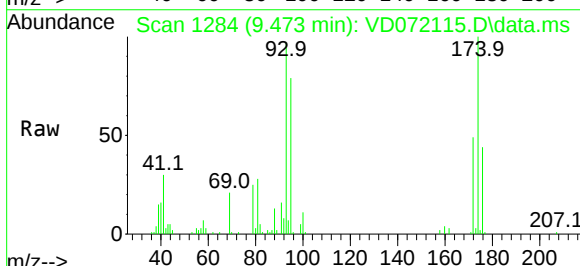
Tgt Ion: 93 Resp: 54249

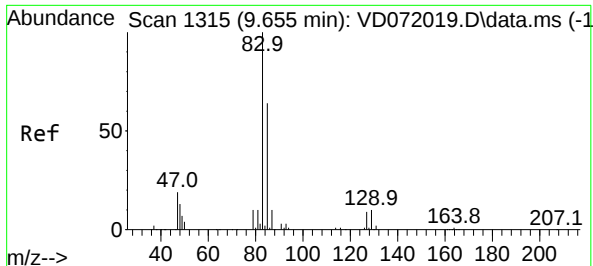
Ion Ratio Lower Upper

93 100

95 83.4 67.5 101.3

174 99.6 80.0 120.0





#47

Bromodichloromethane

Concen: 20.646 ug/l

RT: 9.661 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBS01

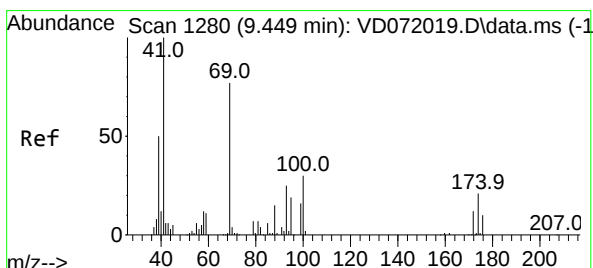
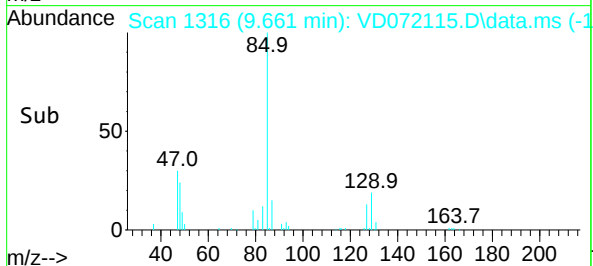
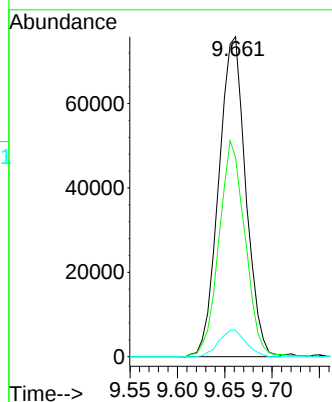
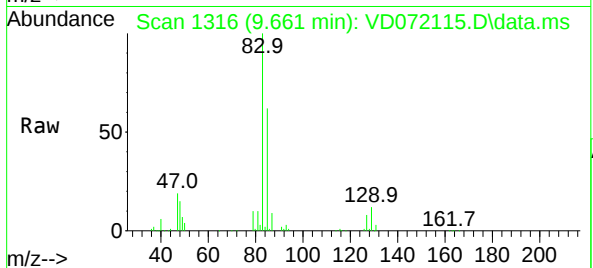
Tgt Ion: 83 Resp: 150347

Ion Ratio Lower Upper

83 100

85 62.3 51.4 77.0

127 8.3 7.0 10.6



#48

Methyl methacrylate

Concen: 18.114 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

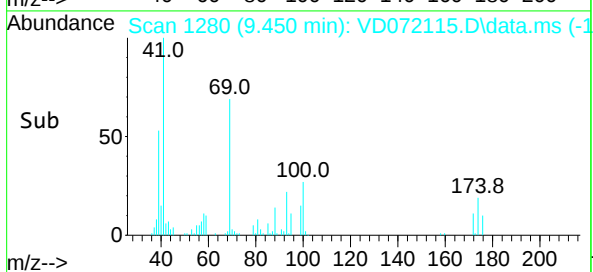
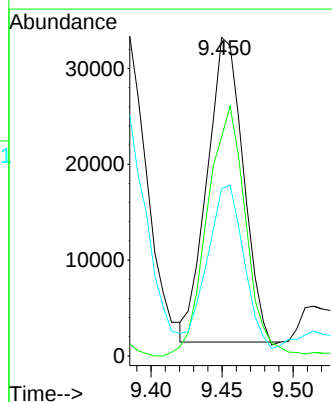
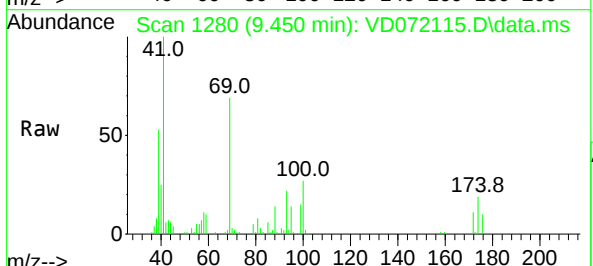
Tgt Ion: 41 Resp: 56154

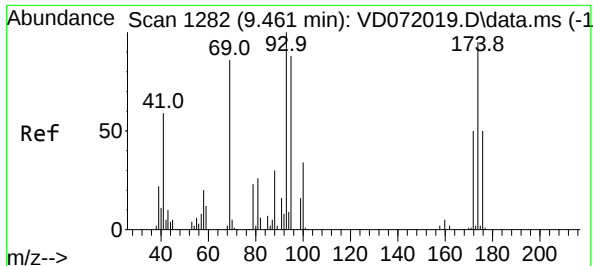
Ion Ratio Lower Upper

41 100

69 87.3 61.6 92.4

39 58.6 38.6 57.8#





#49

1,4-Dioxane

Concen: 382.671 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBS01

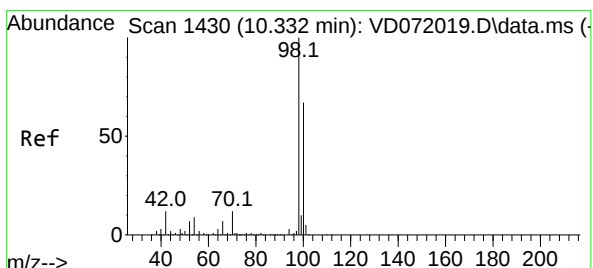
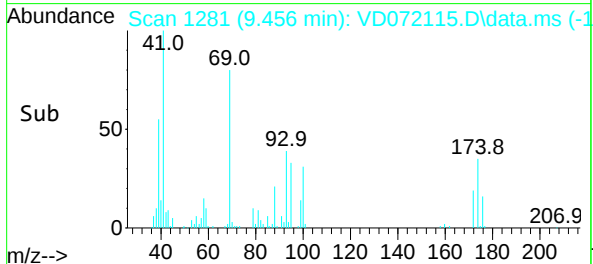
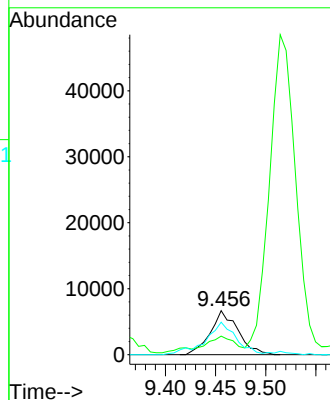
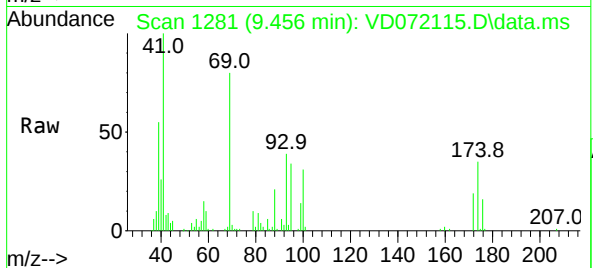
Tgt Ion: 88 Resp: 12815

Ion Ratio Lower Upper

88 100

43 44.4 29.9 44.9

58 80.8 61.0 91.4



#50

Toluene-d8

Concen: 56.709 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072115.D

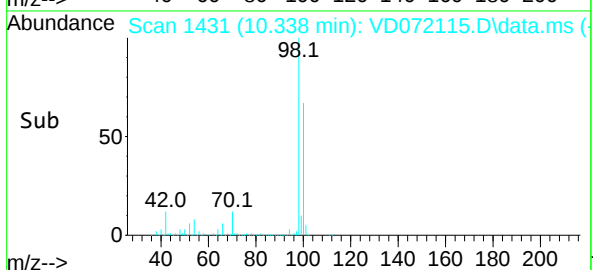
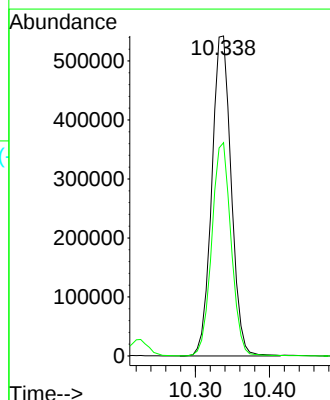
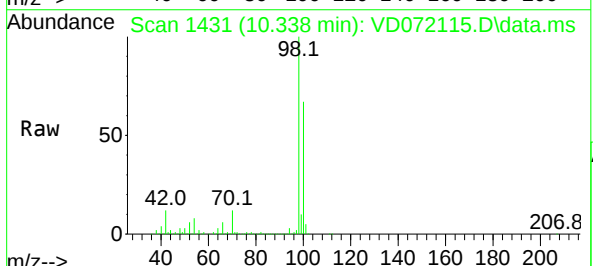
Acq: 28 Feb 2022 11:42

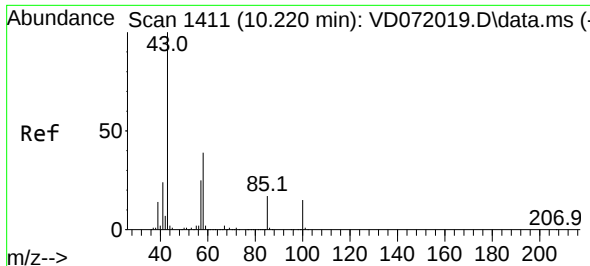
Tgt Ion: 98 Resp: 986649

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.6

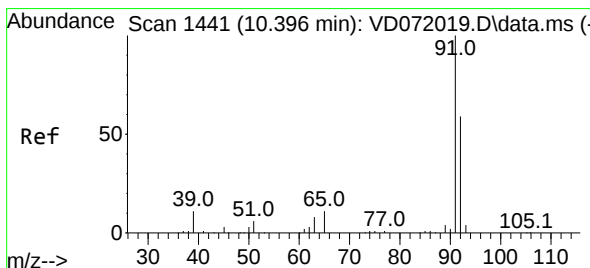
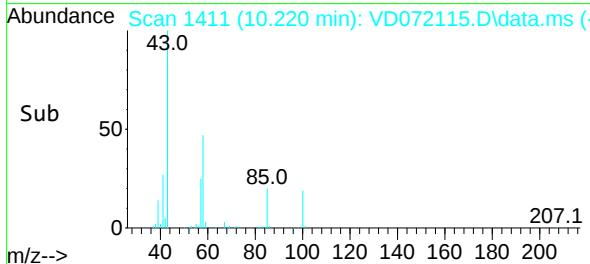
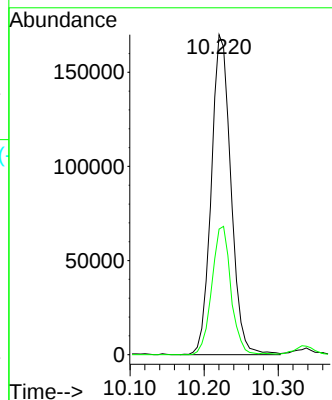
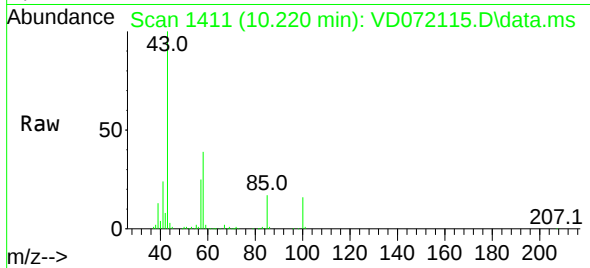




#51
4-Methyl-2-Pentanone
Concen: 96.345 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

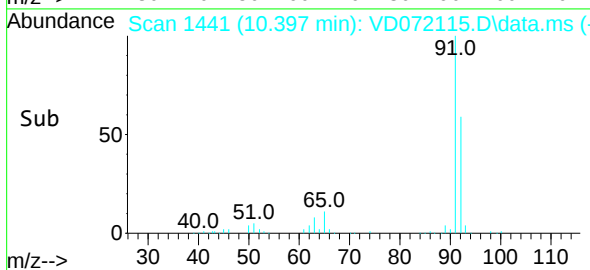
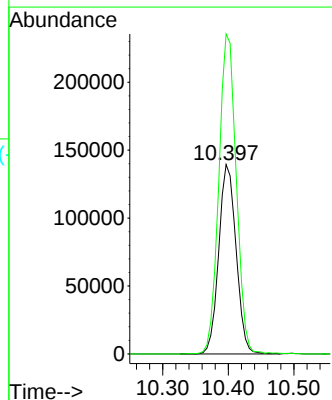
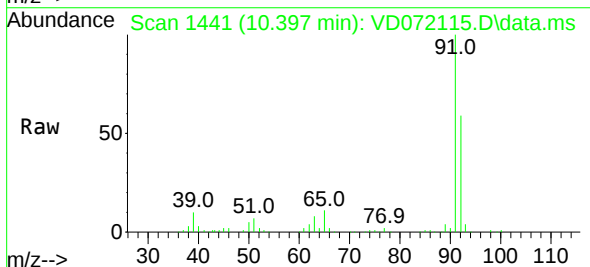
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

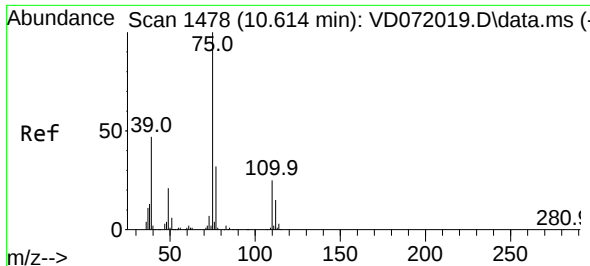
Tgt Ion: 43 Resp: 313349
Ion Ratio Lower Upper
43 100
58 39.1 30.8 46.2



#52
Toluene
Concen: 19.861 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 92 Resp: 254878
Ion Ratio Lower Upper
92 100
91 170.7 135.6 203.4

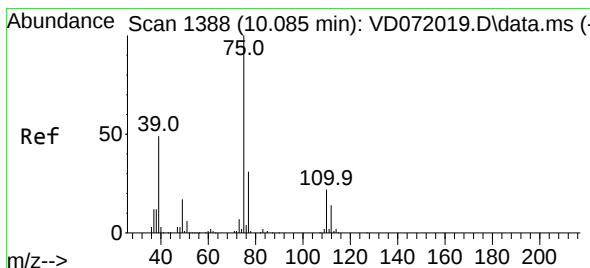
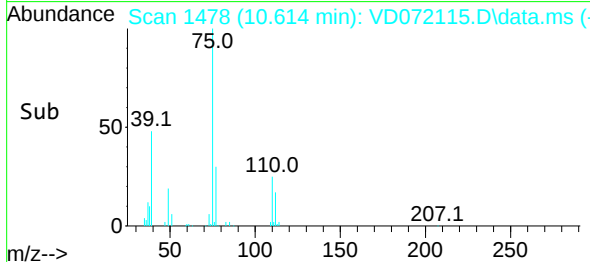
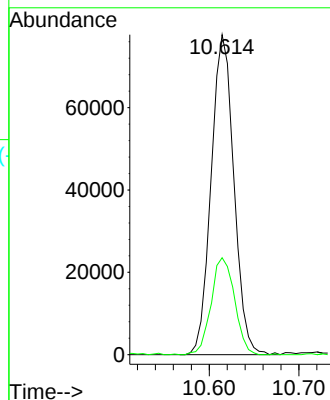
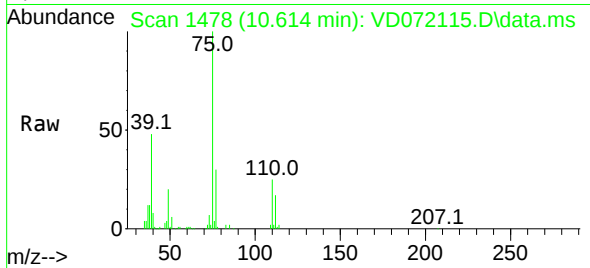




#53
t-1,3-Dichloropropene
Concen: 20.534 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

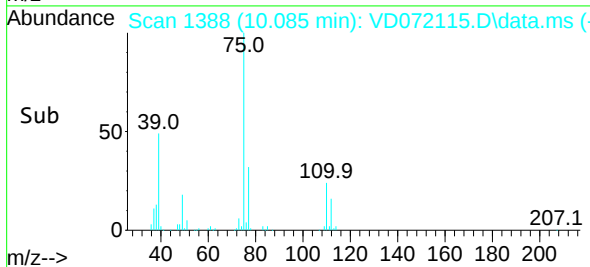
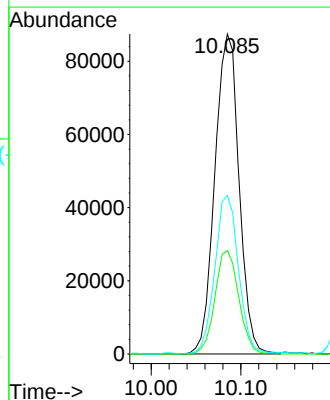
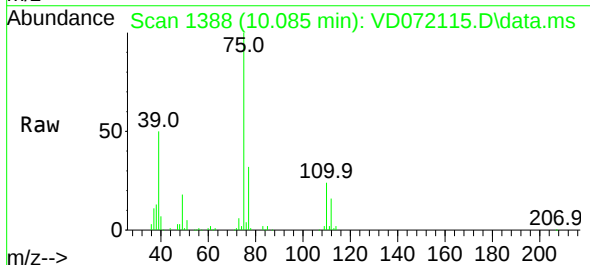
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

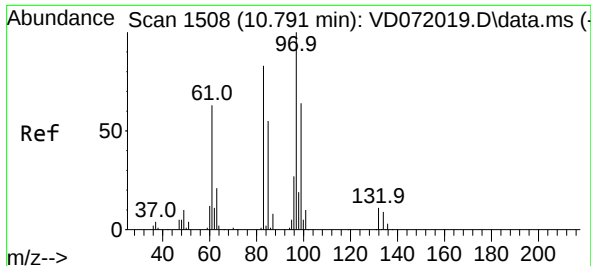
Tgt Ion: 75 Resp: 136751
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.750 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 75 Resp: 163555
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1
39 49.5 39.1 58.7

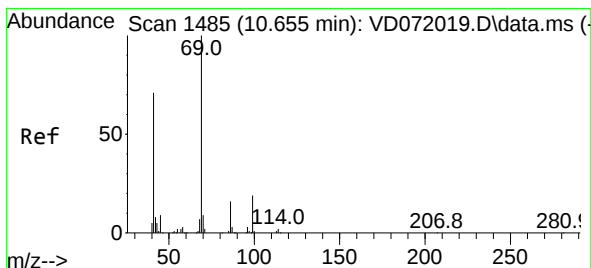
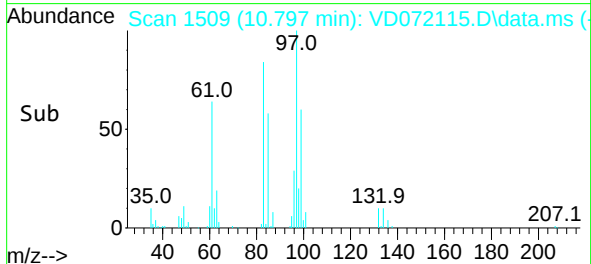
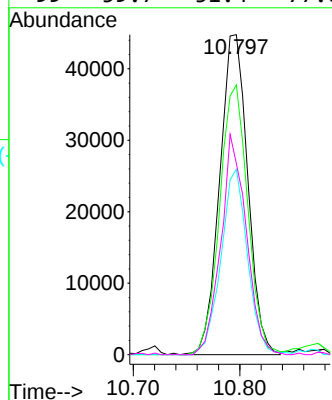
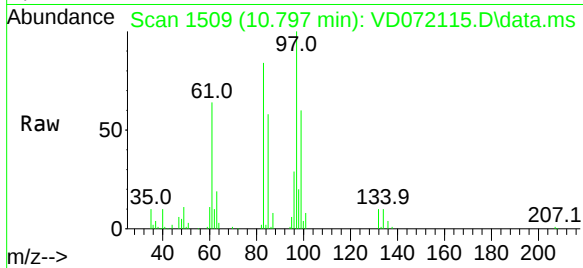




#55
1,1,2-Trichloroethane
Concen: 20.639 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

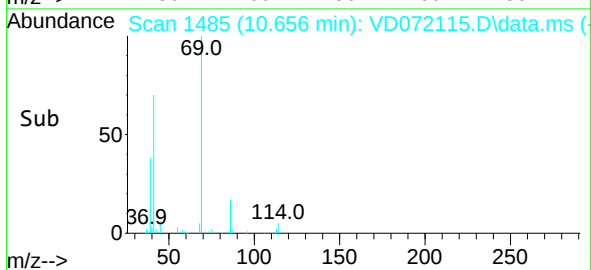
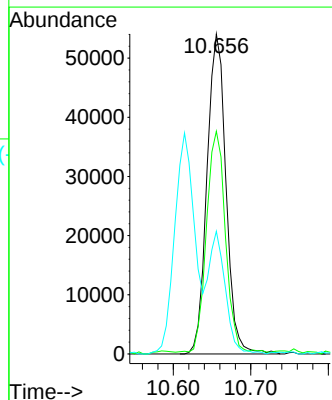
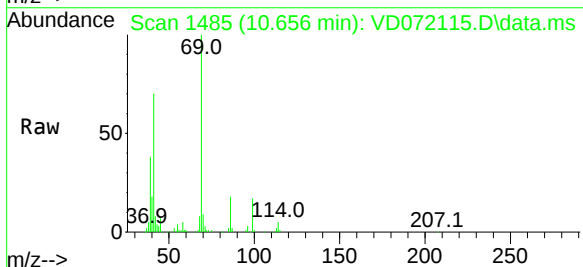
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

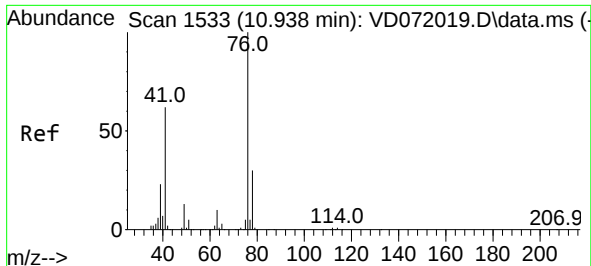
Tgt Ion:	97	Resp:	81993
Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.2	99.4
85	57.9	43.7	65.5
99	59.7	51.4	77.0



#56
Ethyl methacrylate
Concen: 19.430 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion:	69	Resp:	92175
Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.8	85.2
39	34.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 20.050 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

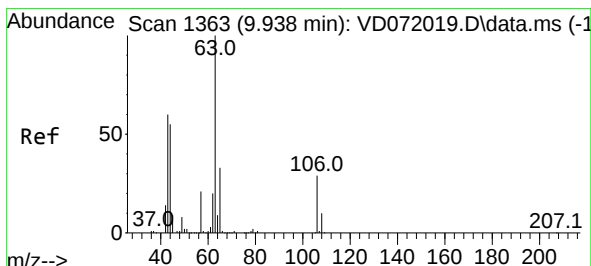
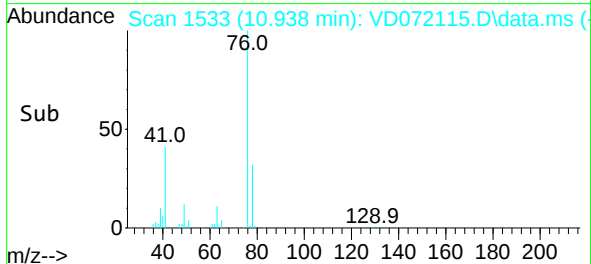
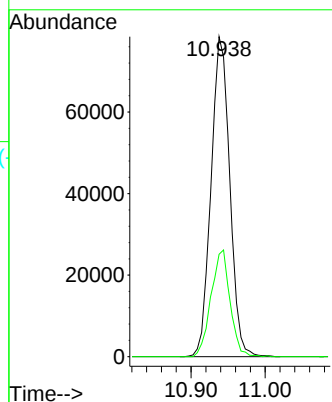
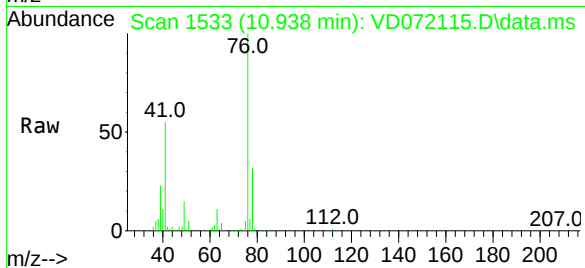
VD0228SBS01

Tgt Ion: 76 Resp: 137669

Ion Ratio Lower Upper

76 100

78 33.9 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 102.883 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072115.D

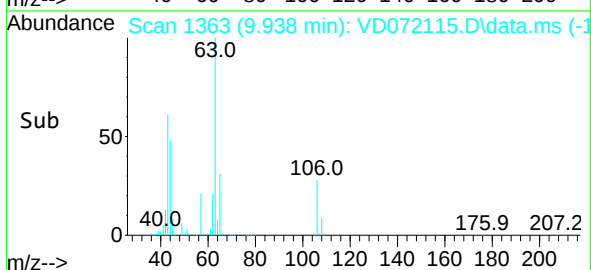
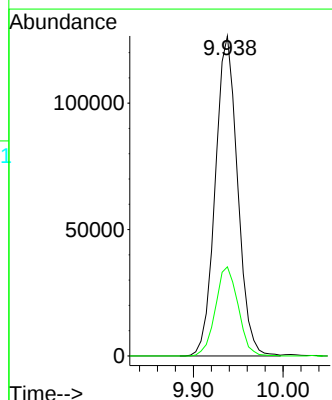
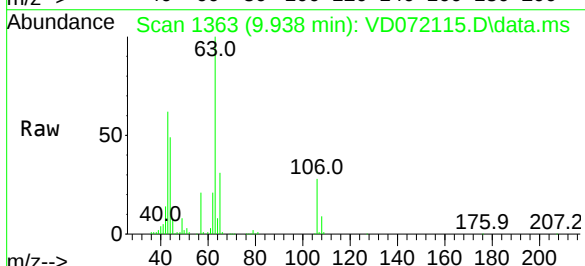
Acq: 28 Feb 2022 11:42

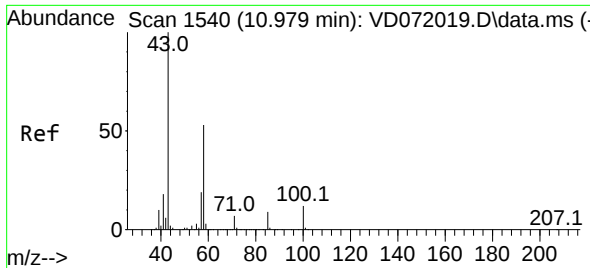
Tgt Ion: 63 Resp: 218354

Ion Ratio Lower Upper

63 100

106 28.3 22.6 33.8

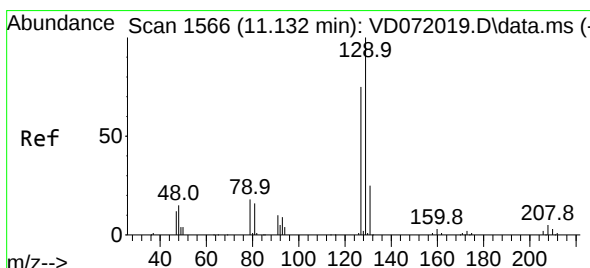
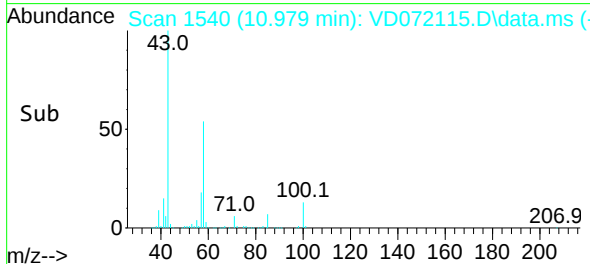
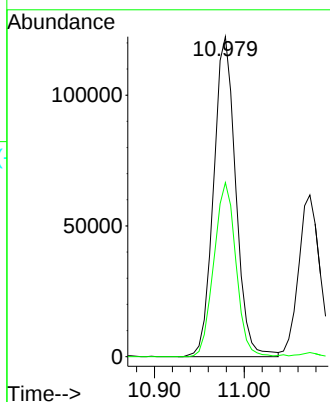
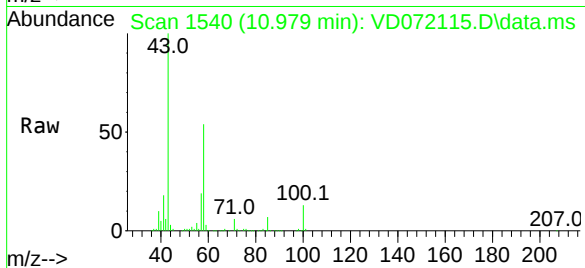




#59
2-Hexanone
Concen: 94.466 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

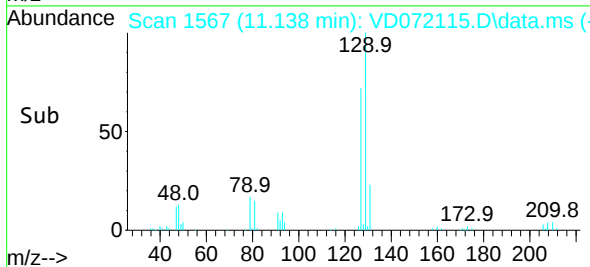
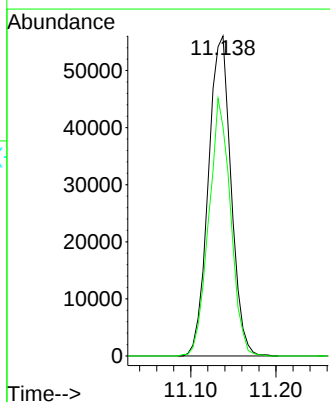
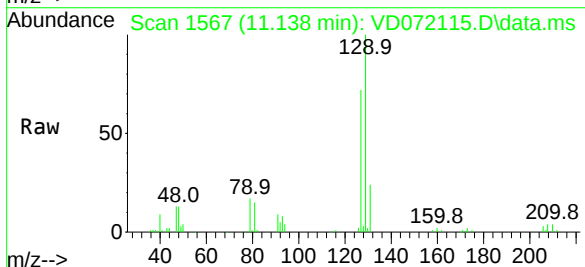
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

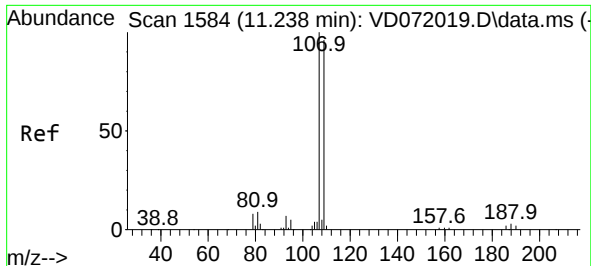
Tgt Ion: 43 Resp: 209564
Ion Ratio Lower Upper
43 100
58 54.1 27.0 80.8



#60
Dibromochloromethane
Concen: 20.979 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 129 Resp: 104076
Ion Ratio Lower Upper
129 100
127 76.8 37.6 112.9

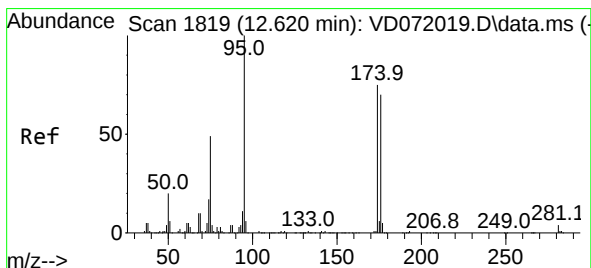
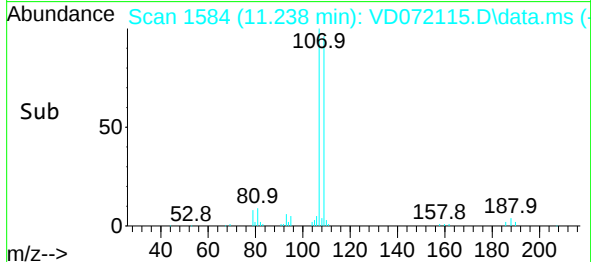
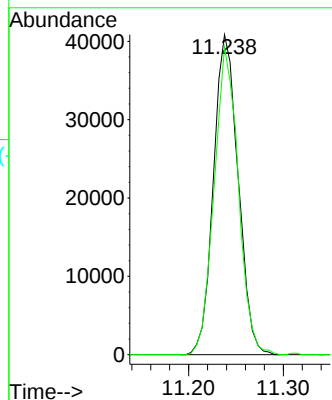
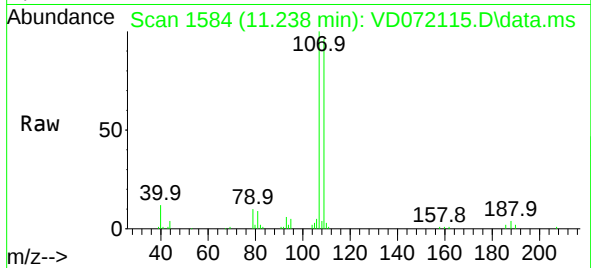




#61
1,2-Dibromoethane
Concen: 19.412 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

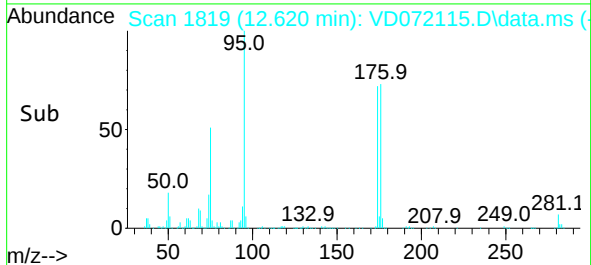
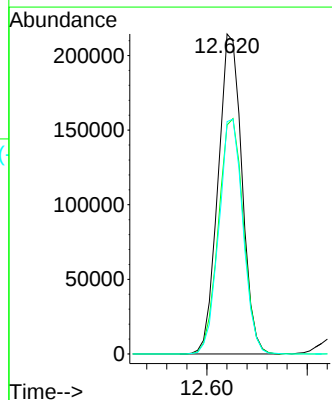
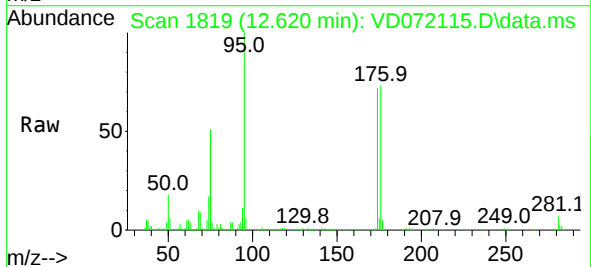
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

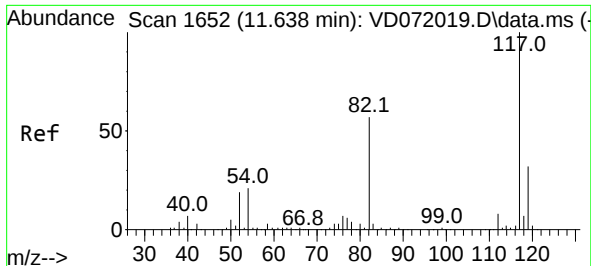
Tgt Ion:107 Resp: 73693
Ion Ratio Lower Upper
107 100
109 94.5 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 55.341 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 95 Resp: 353681
Ion Ratio Lower Upper
95 100
174 76.4 0.0 155.0
176 73.8 0.0 148.8

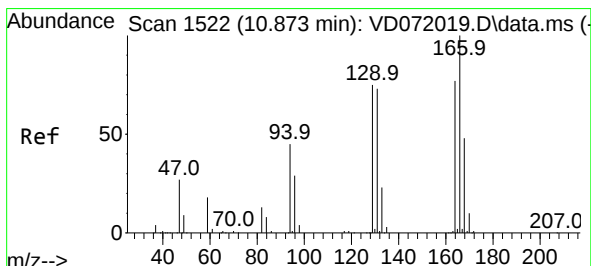
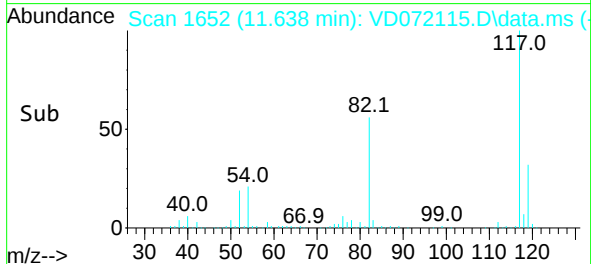
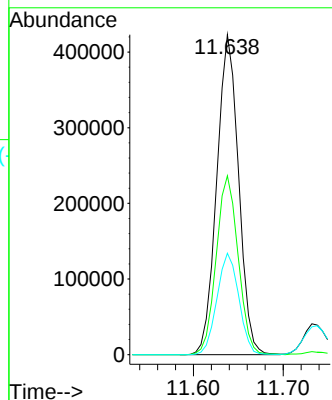
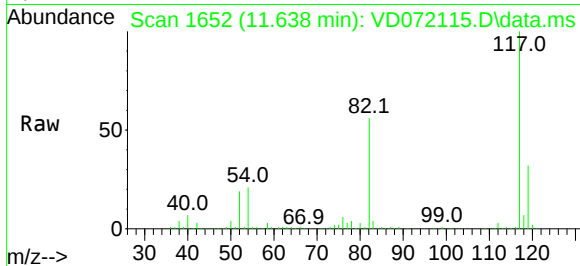




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

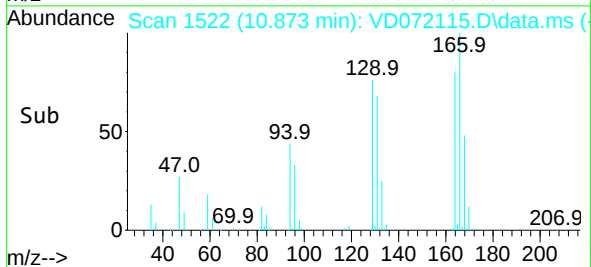
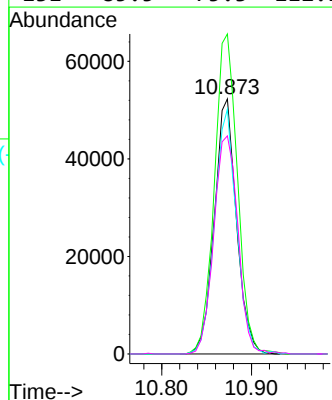
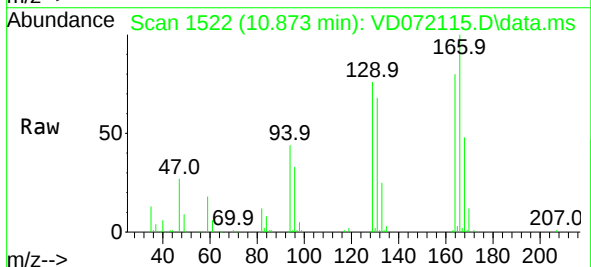
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

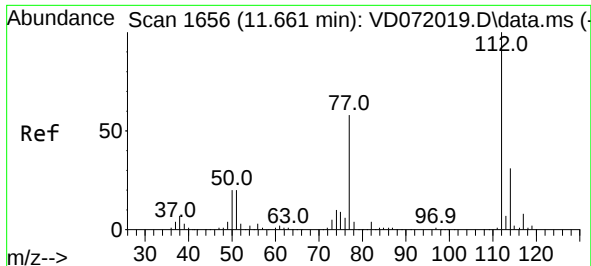
Tgt Ion:117 Resp: 715049
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 19.824 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion:164 Resp: 89493
Ion Ratio Lower Upper
164 100
166 125.5 103.4 155.2
129 96.0 77.8 116.6
131 85.5 75.3 112.9

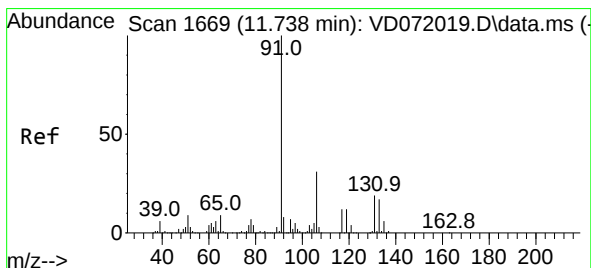
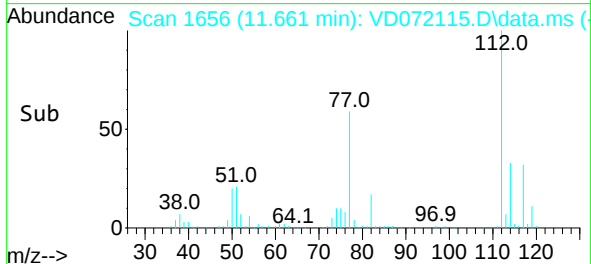
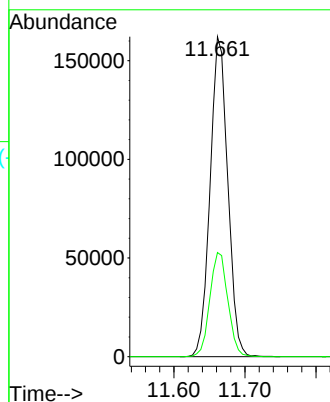
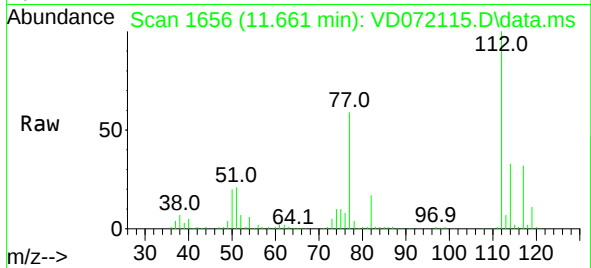




#65
Chlorobenzene
Concen: 20.204 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

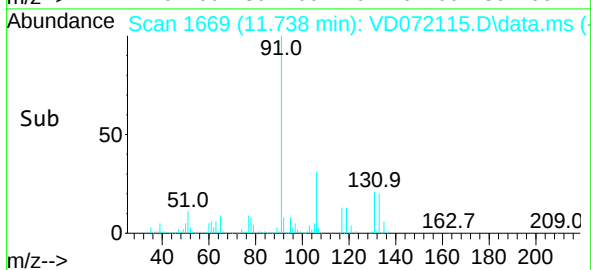
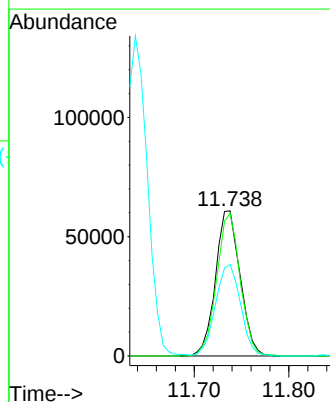
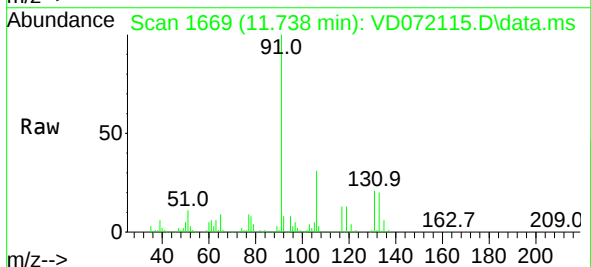
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

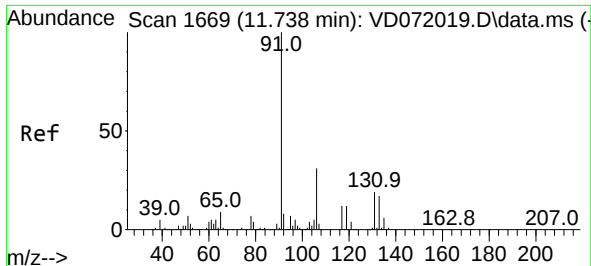
Tgt Ion:112 Resp: 279991
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.432 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion:131 Resp: 110234
Ion Ratio Lower Upper
131 100
133 93.7 47.1 141.4
119 63.8 32.8 98.3





#67

Ethyl Benzene

Concen: 20.148 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

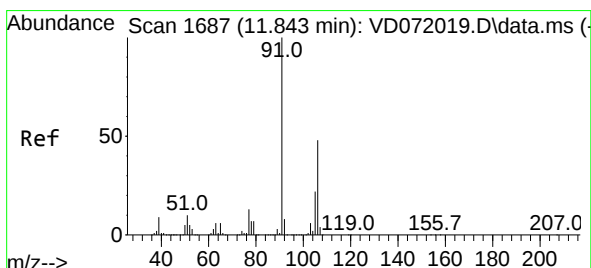
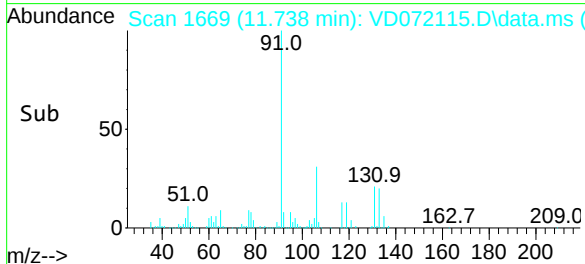
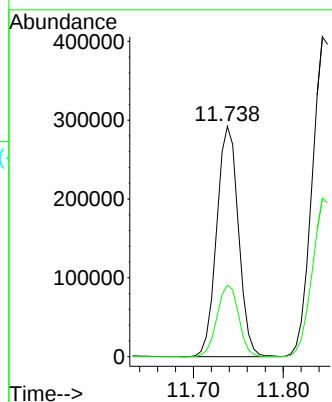
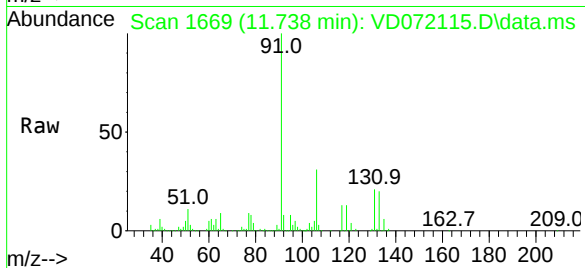
VD0228SBS01

Tgt Ion: 91 Resp: 490964

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 40.888 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD072115.D

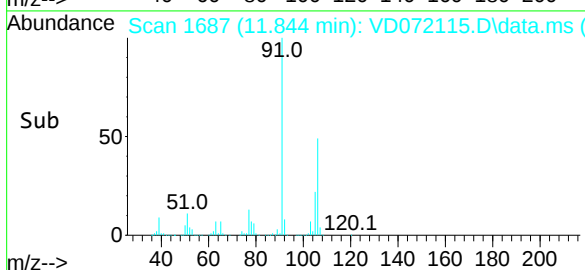
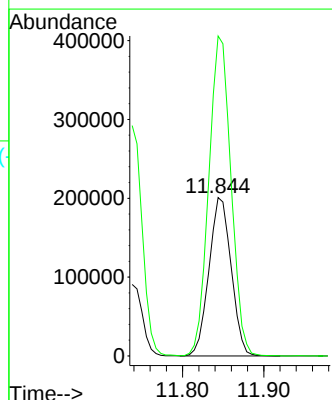
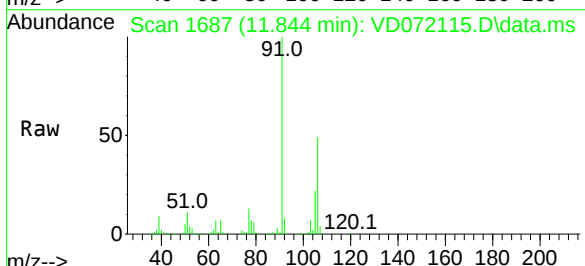
Acq: 28 Feb 2022 11:42

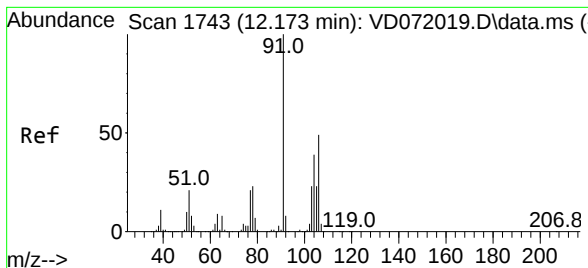
Tgt Ion: 106 Resp: 381417

Ion Ratio Lower Upper

106 100

91 202.4 162.6 243.8

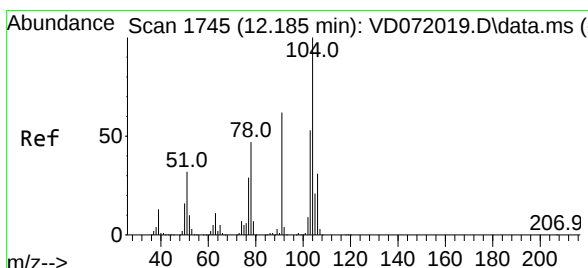
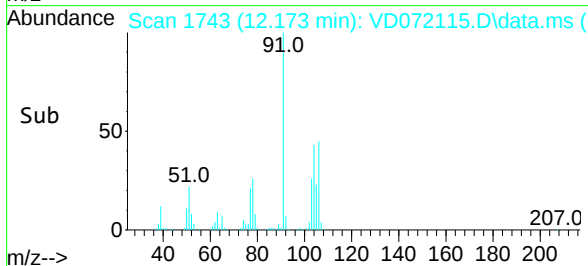
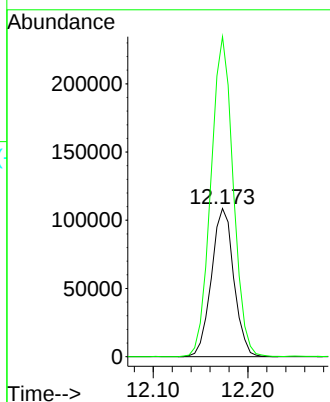
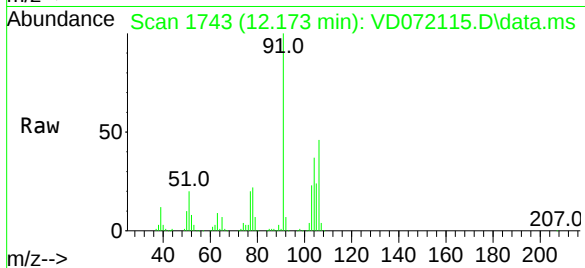




#69
o-Xylene
Concen: 20.330 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

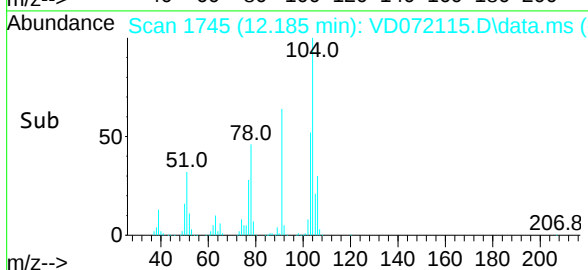
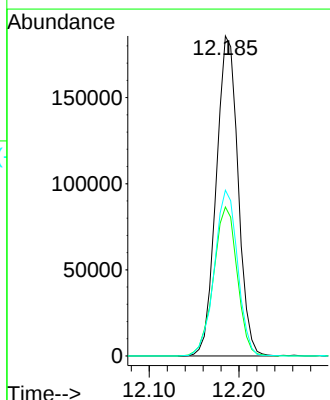
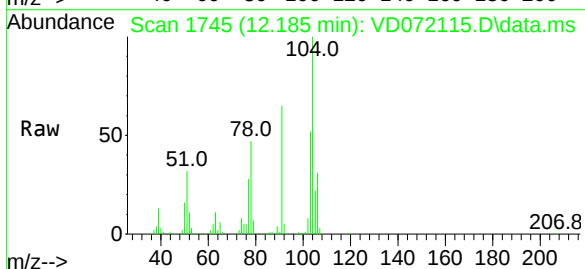
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

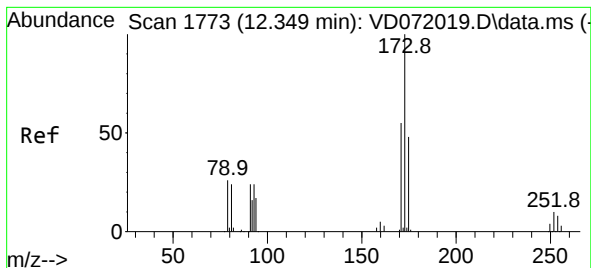
Tgt Ion:106 Resp: 178400
Ion Ratio Lower Upper
106 100
91 215.3 106.0 317.9



#70
Styrene
Concen: 20.819 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion:104 Resp: 313517
Ion Ratio Lower Upper
104 100
78 50.5 40.1 60.1
103 55.2 43.7 65.5





#71

Bromoform

Concen: 20.680 ug/l

RT: 12.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBS01

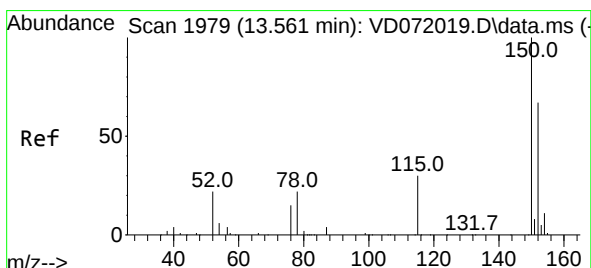
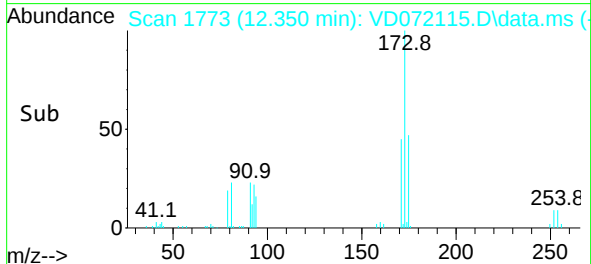
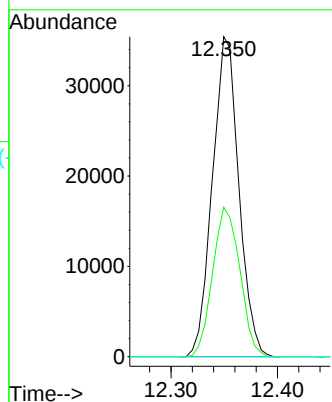
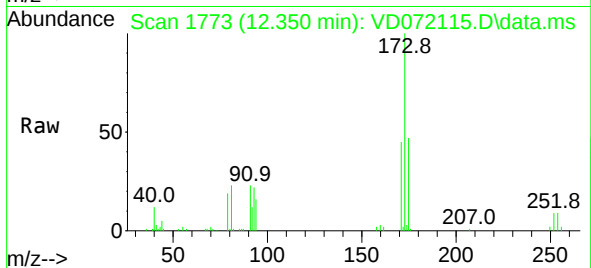
Tgt Ion:173 Resp: 61003

Ion Ratio Lower Upper

173 100

175 48.1 25.0 75.0

255 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

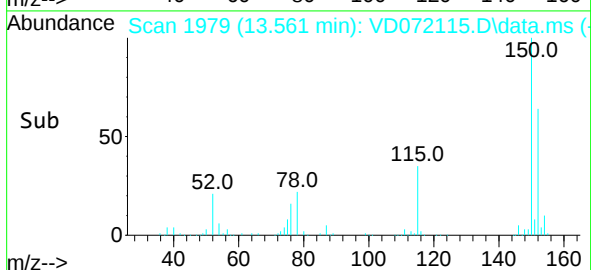
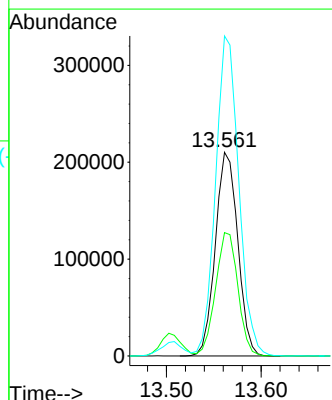
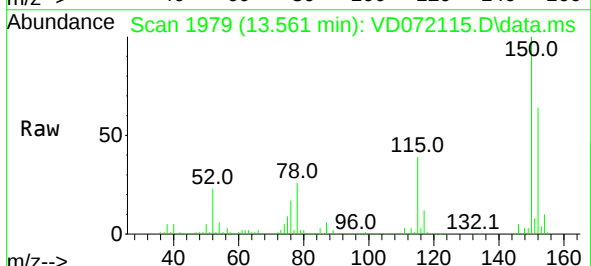
Tgt Ion:152 Resp: 346573

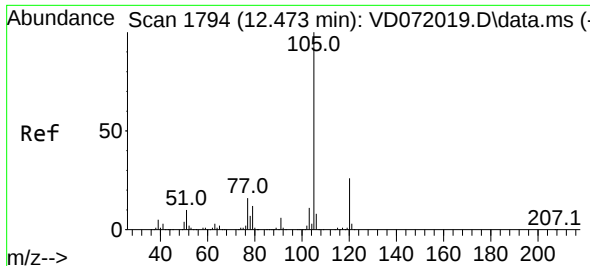
Ion Ratio Lower Upper

152 100

115 60.3 29.9 89.7

150 162.7 0.0 347.6

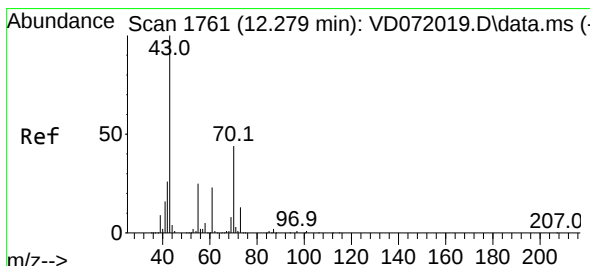
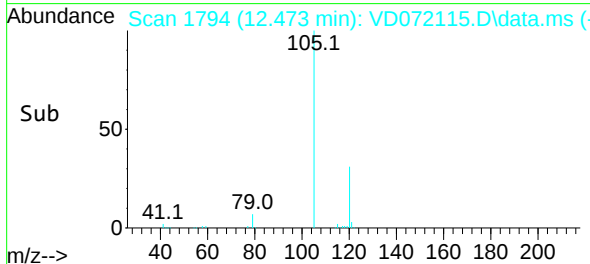
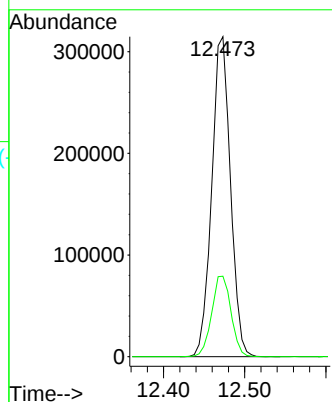
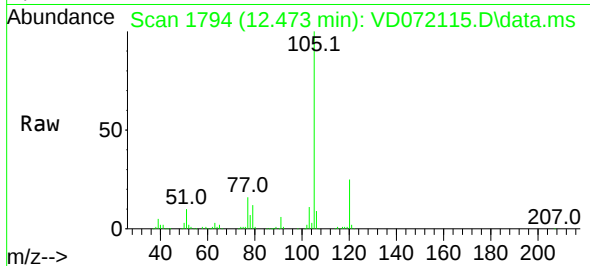




#73
Isopropylbenzene
Concen: 21.158 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

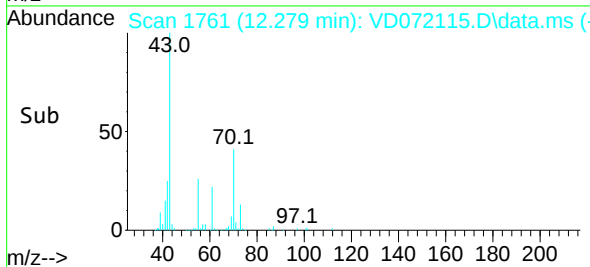
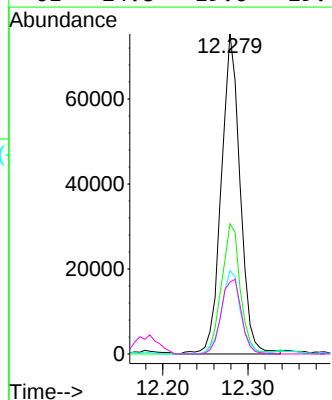
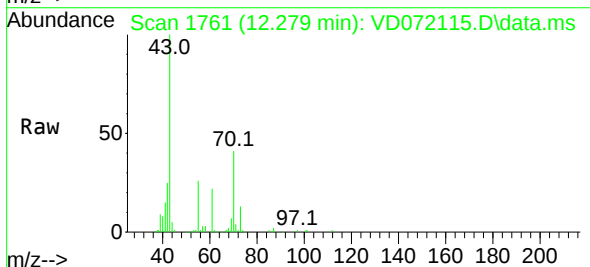
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

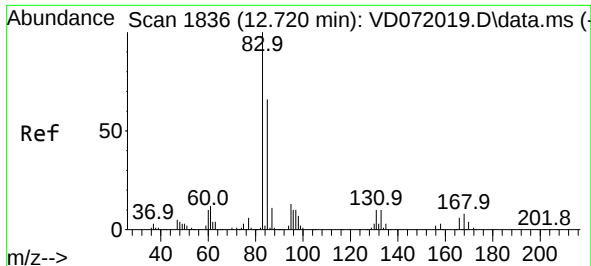
Tgt Ion:105 Resp: 503485
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 20.158 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 43 Resp: 115825
Ion Ratio Lower Upper
43 100
70 40.3 33.2 49.8
55 26.5 20.6 30.8
61 24.8 19.6 29.4

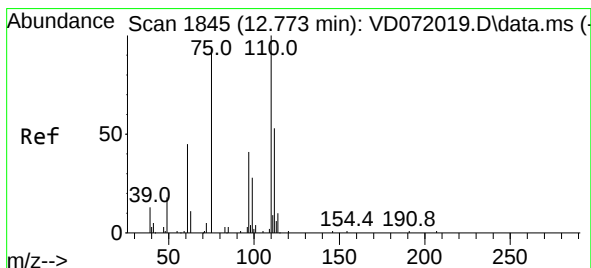
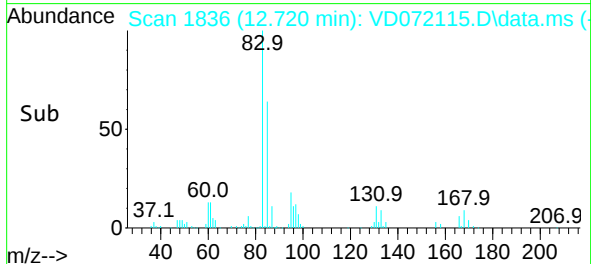
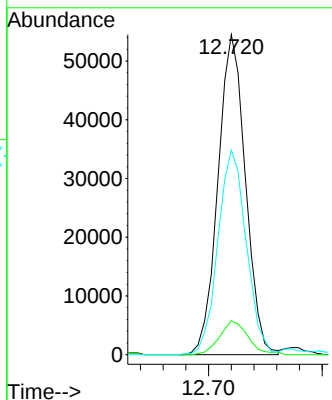
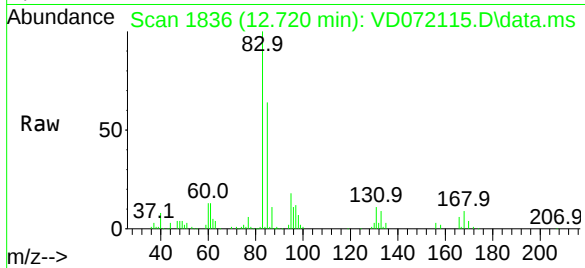




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.479 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD072115.D
 Acq: 28 Feb 2022 11:42

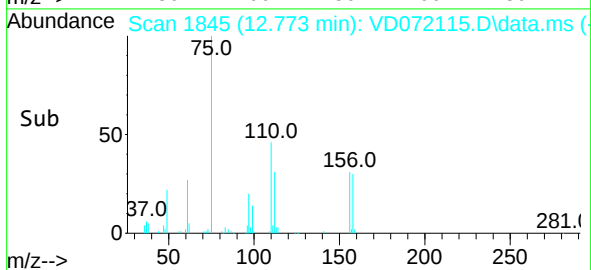
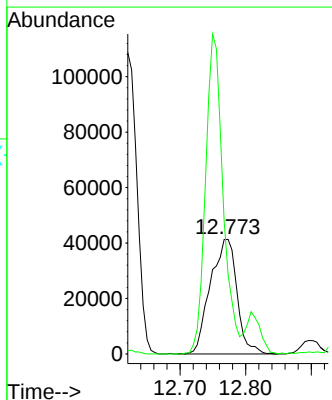
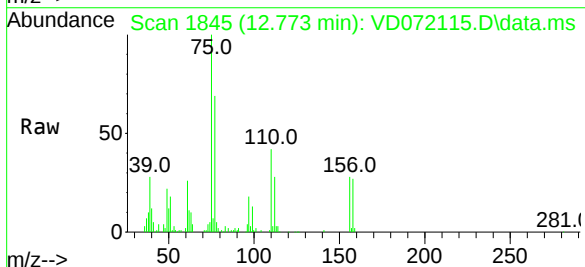
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0228SBS01

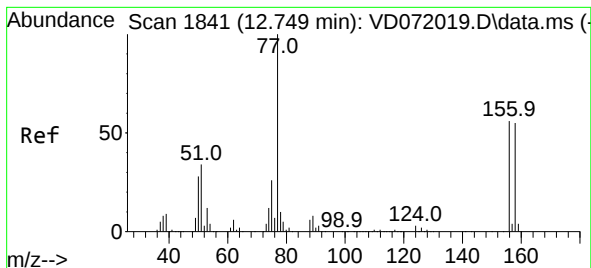
Tgt Ion: 83 Resp: 91641
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.1 15.4
 85 66.0 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 35.494 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD072115.D
 Acq: 28 Feb 2022 11:42

Tgt Ion: 75 Resp: 116521
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.627 ug/l

RT: 12.750 min Scan# 114941

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBS01

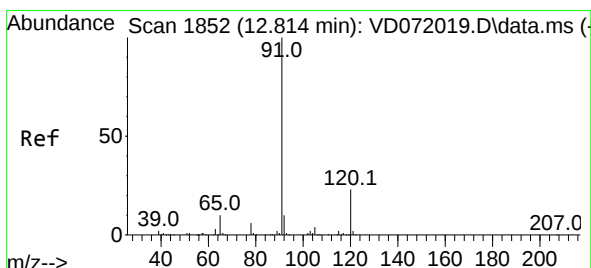
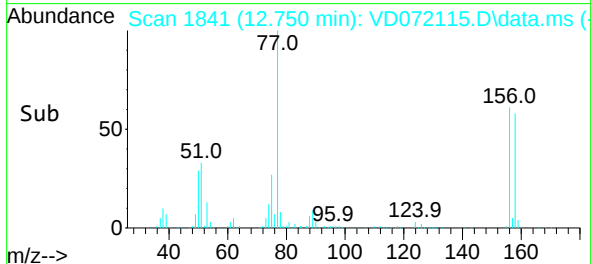
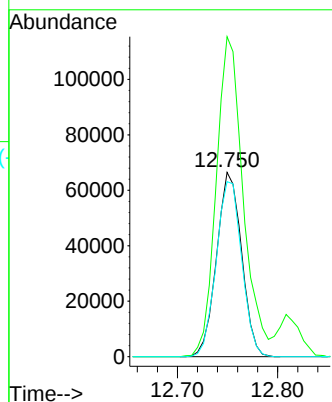
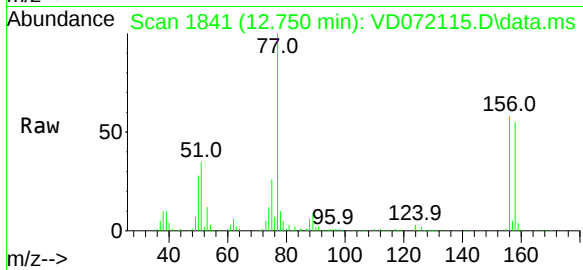
Tgt Ion:156 Resp: 114941

Ion Ratio Lower Upper

156 100

77 186.7 93.6 280.8

158 97.0 47.7 143.1



#78

n-propylbenzene

Concen: 21.179 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VD072115.D

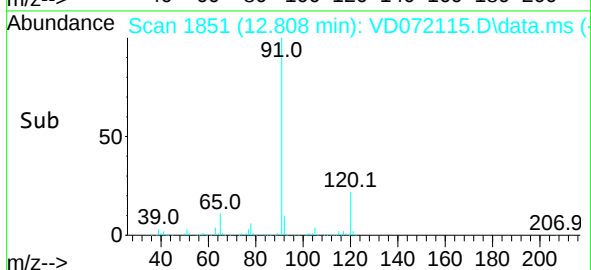
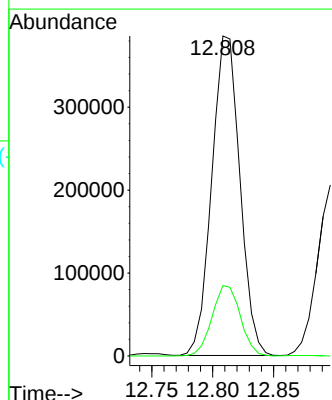
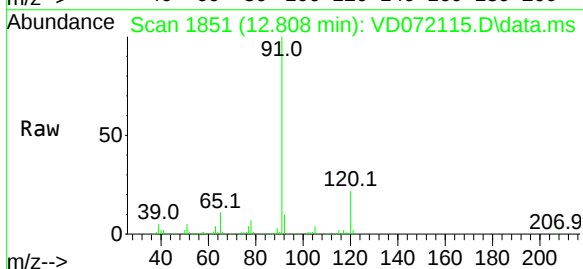
Acq: 28 Feb 2022 11:42

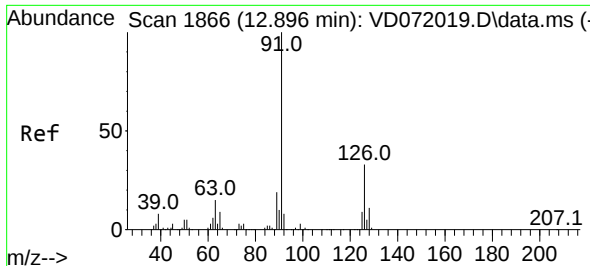
Tgt Ion: 91 Resp: 619451

Ion Ratio Lower Upper

91 100

120 22.1 11.2 33.5

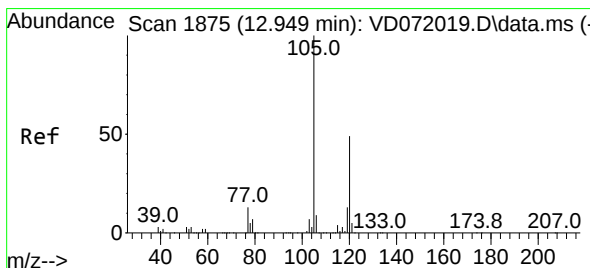
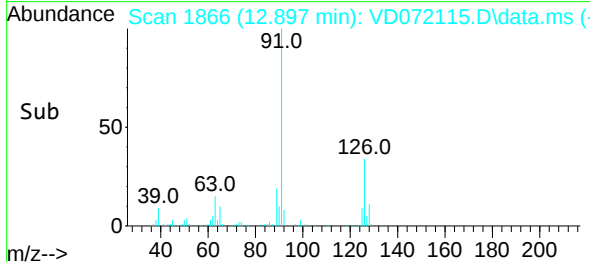
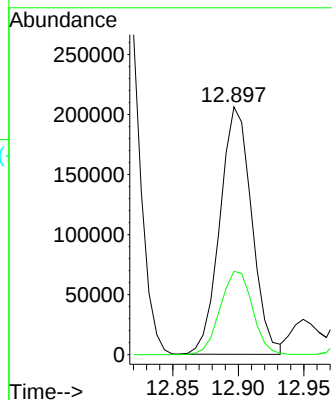
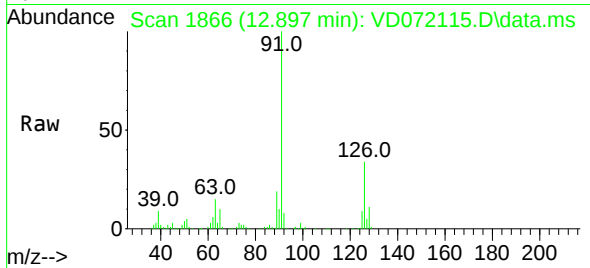




#79
2-Chlorotoluene
Concen: 20.561 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

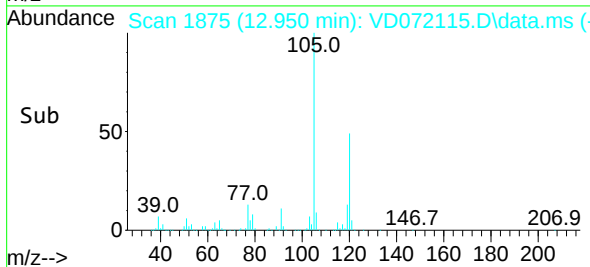
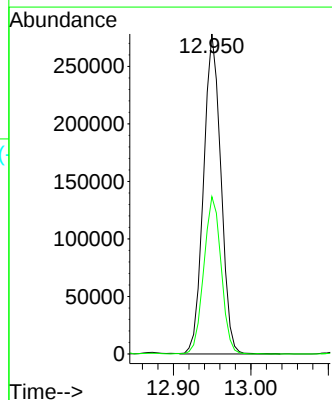
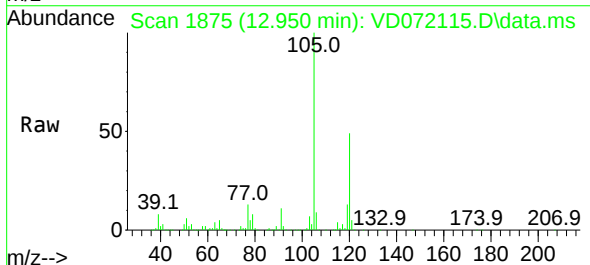
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

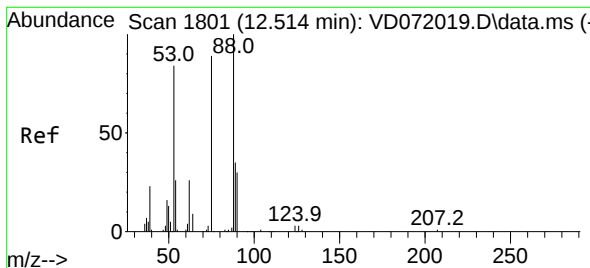
Tgt Ion: 91 Resp: 348059
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 21.751 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 105 Resp: 432191
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.7

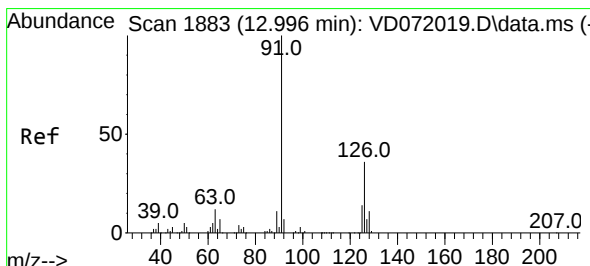
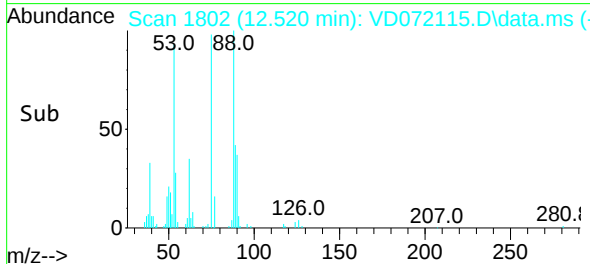
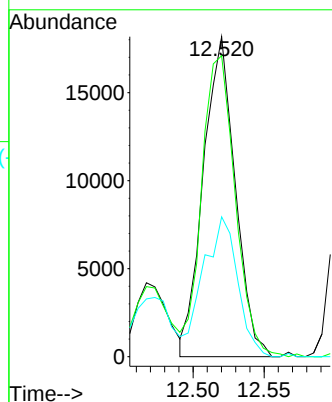
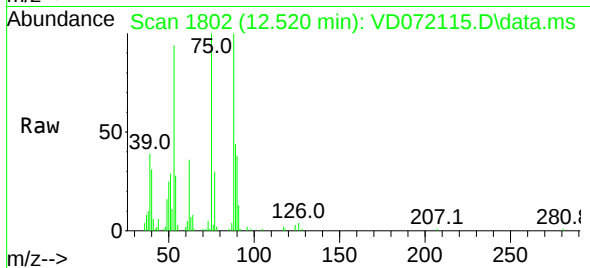




#81
trans-1,4-Dichloro-2-butene
Concen: 21.624 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

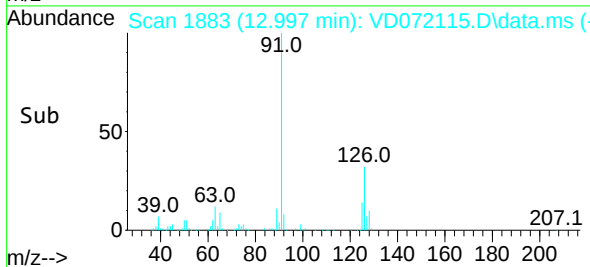
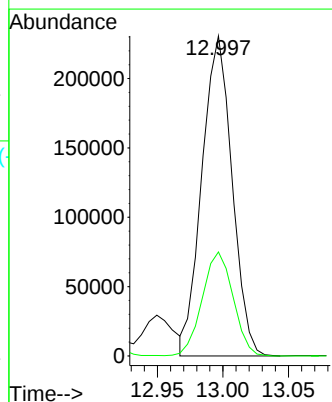
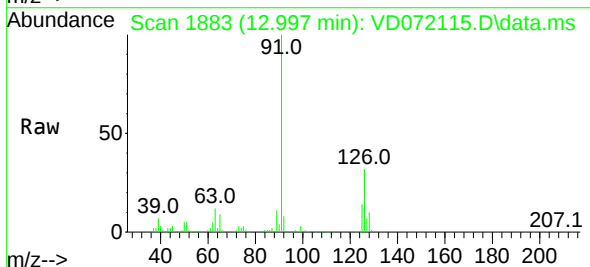
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

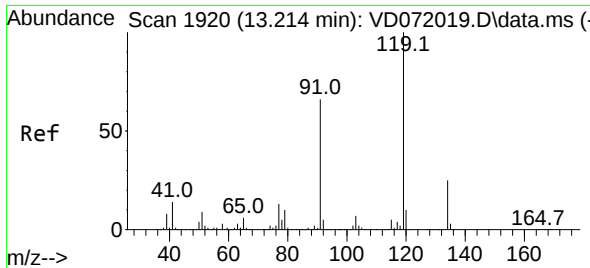
Tgt Ion: 75 Resp: 28347
Ion Ratio Lower Upper
75 100
53 98.9 80.2 120.4
89 47.2 36.4 54.6



#82
4-Chlorotoluene
Concen: 20.916 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion: 91 Resp: 368515
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.6

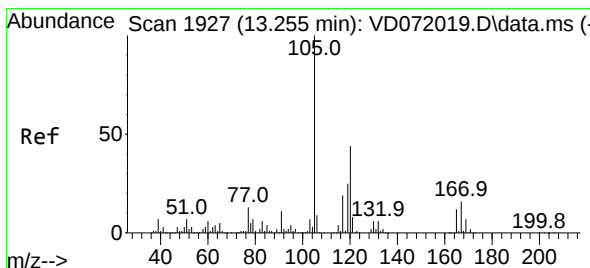
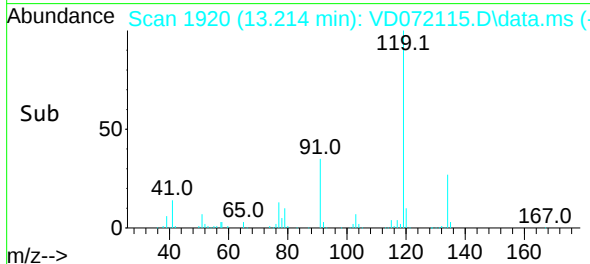
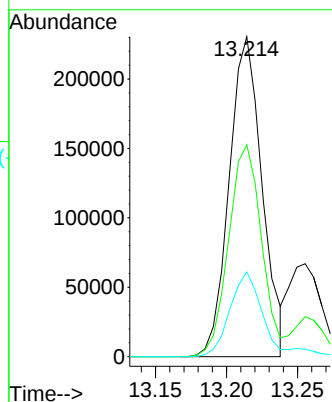
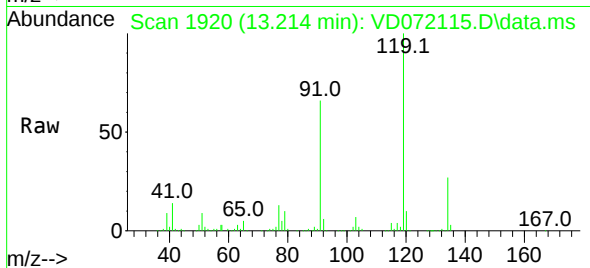




#83
tert-Butylbenzene
Concen: 21.750 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

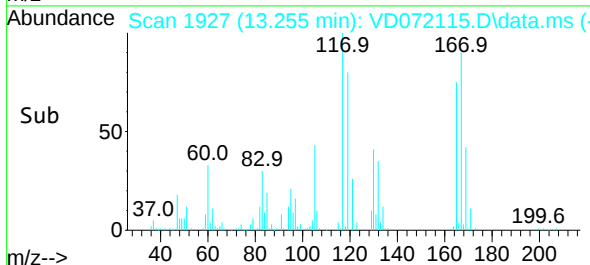
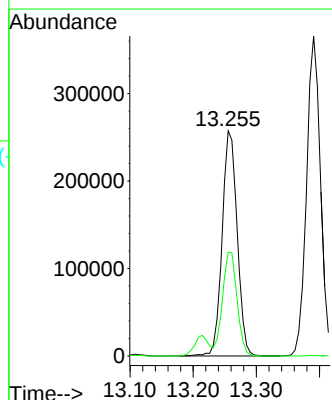
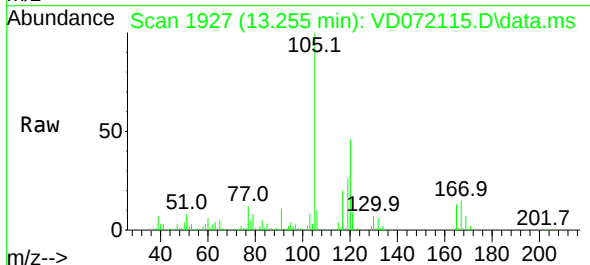
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

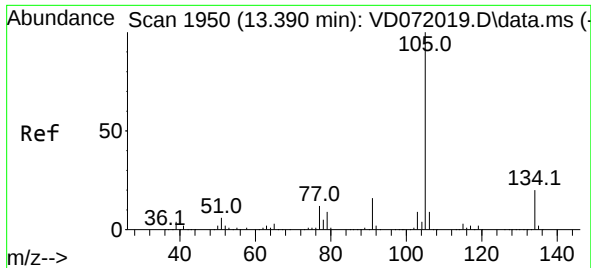
Tgt Ion:119 Resp: 371312
Ion Ratio Lower Upper
119 100
91 67.5 32.5 97.5
134 25.6 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 21.809 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion:105 Resp: 425985
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3

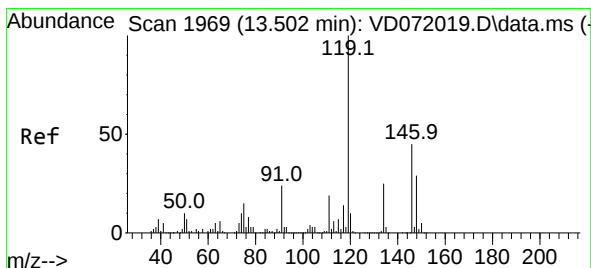
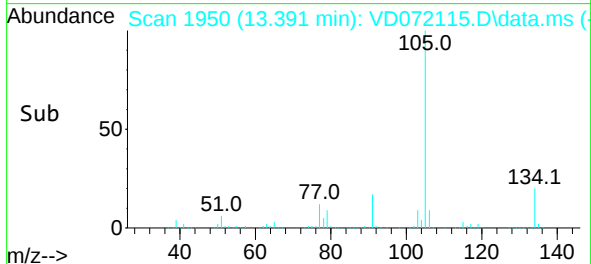
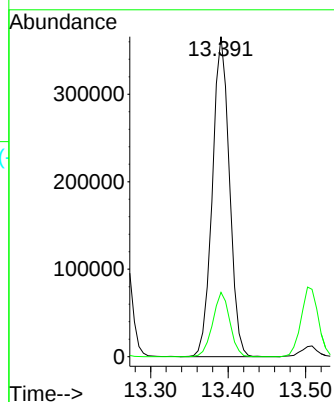
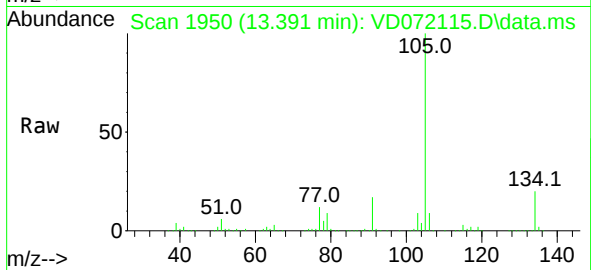




#85
 sec-Butylbenzene
 Concen: 21.512 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072115.D
 Acq: 28 Feb 2022 11:42

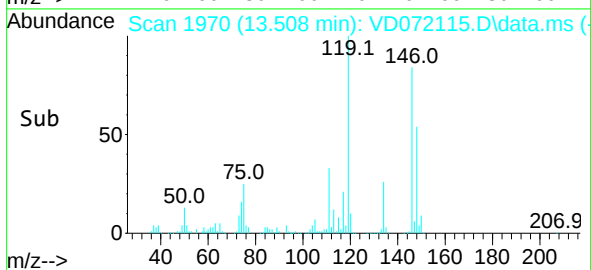
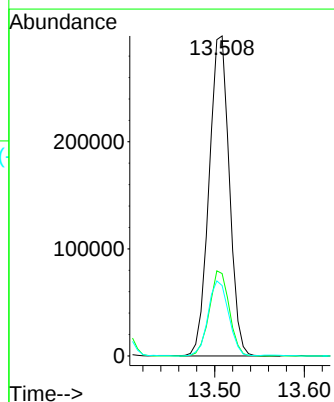
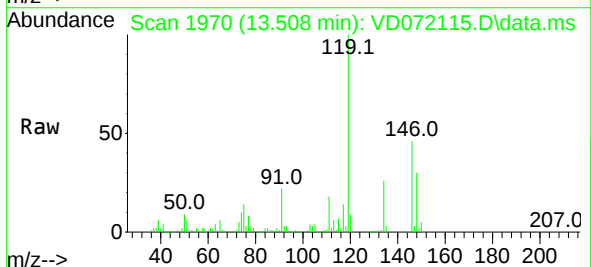
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0228SBS01

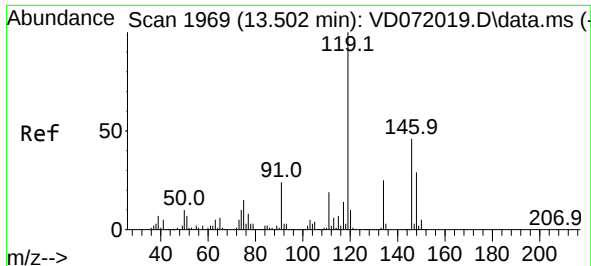
Tgt Ion:105 Resp: 559456
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 21.853 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD072115.D
 Acq: 28 Feb 2022 11:42

Tgt Ion:119 Resp: 467437
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 23.9 11.9 35.5

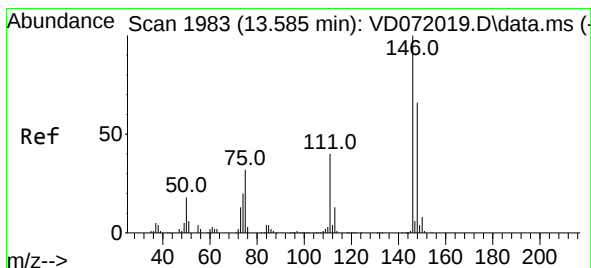
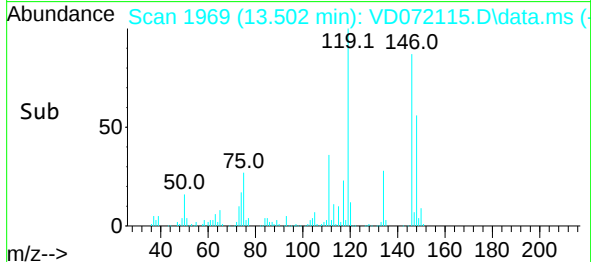
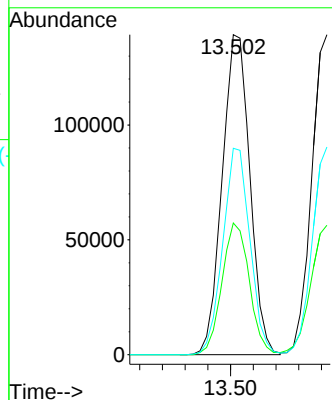
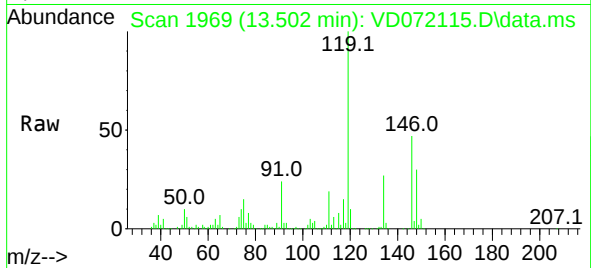




#87
1,3-Dichlorobenzene
Concen: 20.951 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

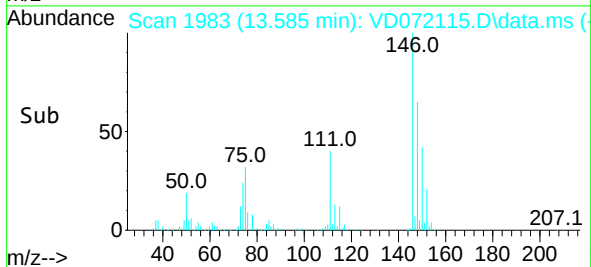
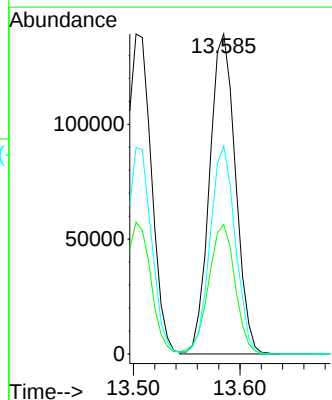
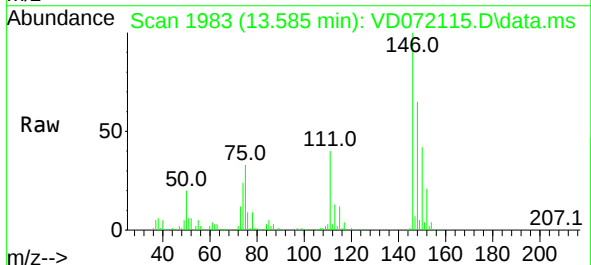
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

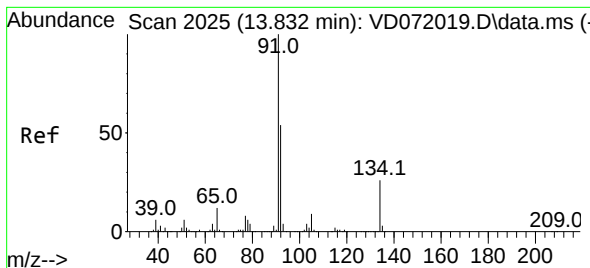
Tgt Ion:146 Resp: 236008
Ion Ratio Lower Upper
146 100
111 40.7 20.0 59.9
148 63.4 31.1 93.2



#88
1,4-Dichlorobenzene
Concen: 20.791 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion:146 Resp: 235327
Ion Ratio Lower Upper
146 100
111 41.2 20.1 60.2
148 63.2 32.5 97.5





#89

n-Butylbenzene

Concen: 21.606 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBS01

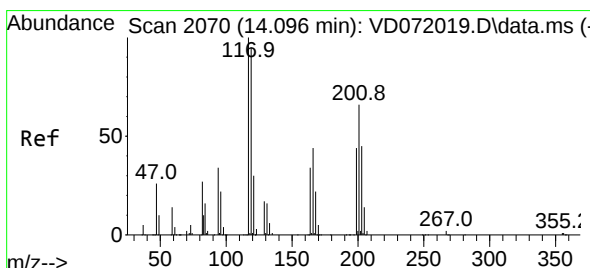
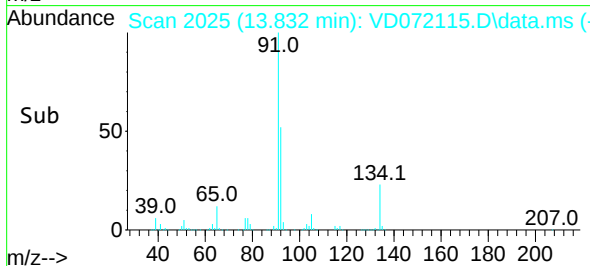
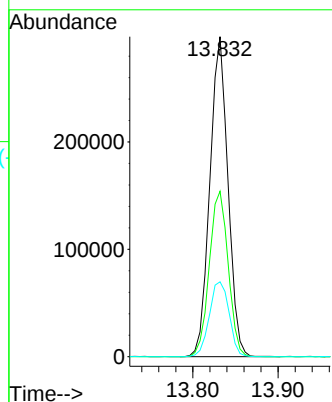
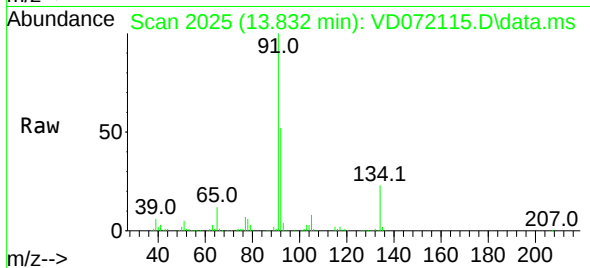
Tgt Ion: 91 Resp: 439449

Ion Ratio Lower Upper

91 100

92 53.9 27.0 81.0

134 25.6 12.8 38.4



#90

Hexachloroethane

Concen: 20.132 ug/l

RT: 14.097 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD072115.D

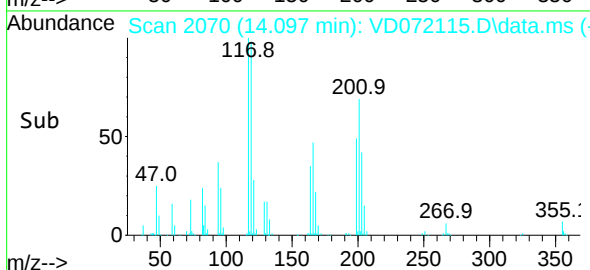
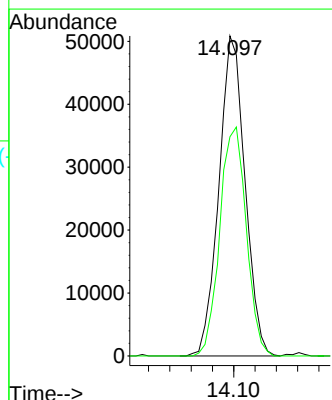
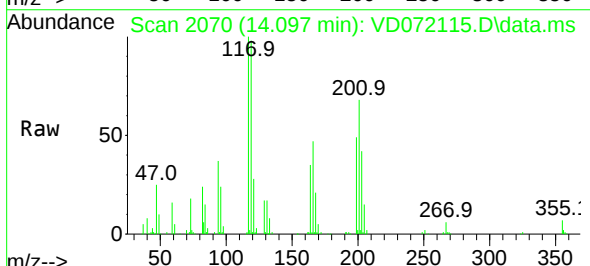
Acq: 28 Feb 2022 11:42

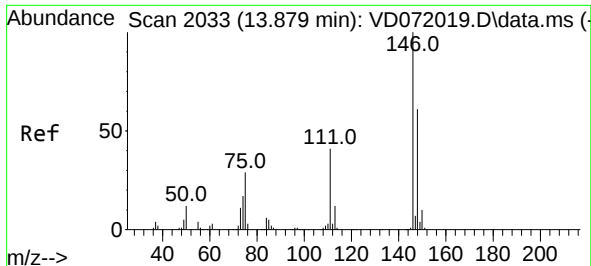
Tgt Ion: 117 Resp: 86438

Ion Ratio Lower Upper

117 100

201 72.6 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 21.171 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

Instrument :

MSVOA_D

ClientSampleId :

VD0228SBS01

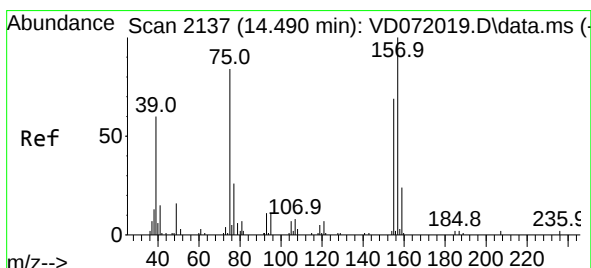
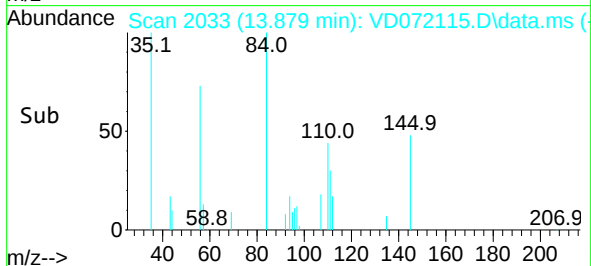
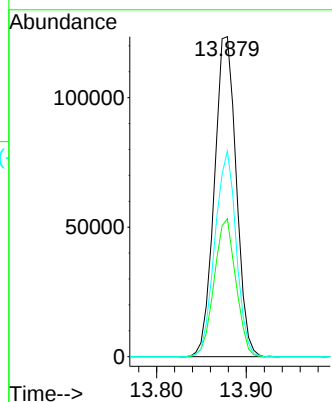
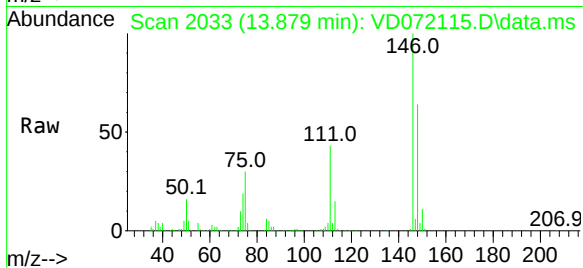
Tgt Ion:146 Resp: 209136

Ion Ratio Lower Upper

146 100

111 42.8 20.8 62.4

148 62.6 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.169 ug/l

RT: 14.491 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD072115.D

Acq: 28 Feb 2022 11:42

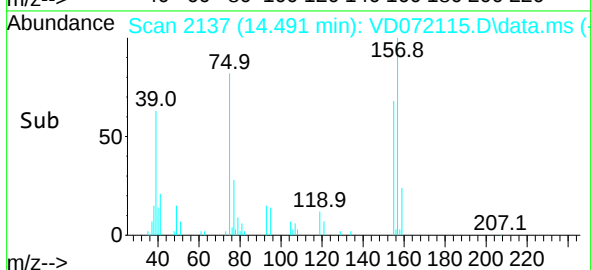
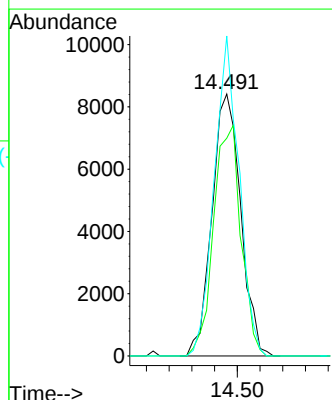
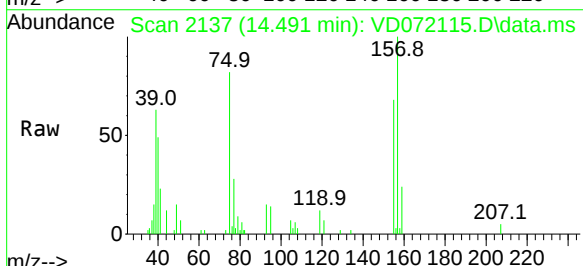
Tgt Ion: 75 Resp: 14782

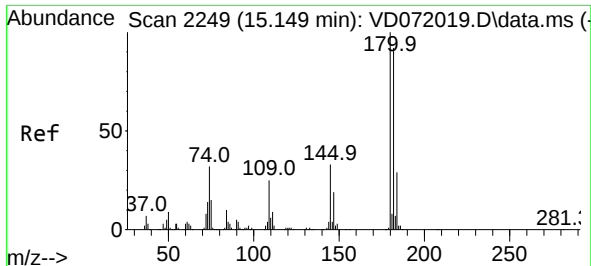
Ion Ratio Lower Upper

75 100

155 84.1 40.5 121.5

157 105.5 53.3 159.9

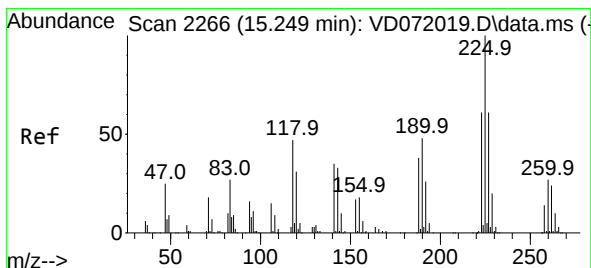
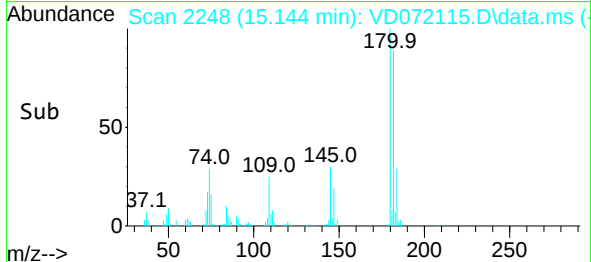
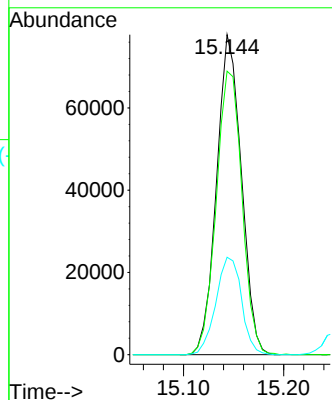
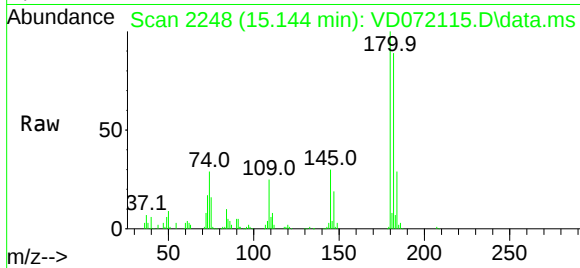




#93
1,2,4-Trichlorobenzene
Concen: 22.013 ug/l
RT: 15.144 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

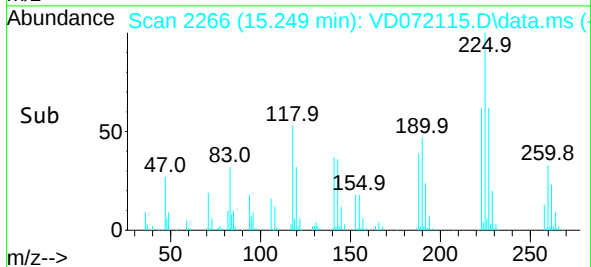
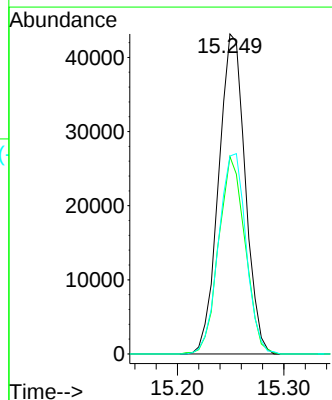
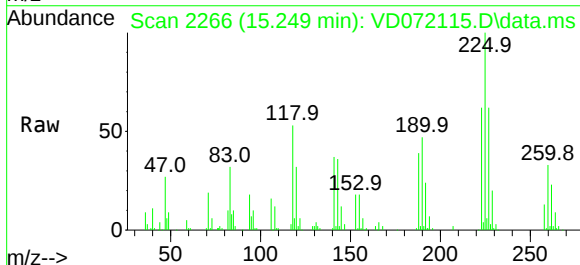
Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

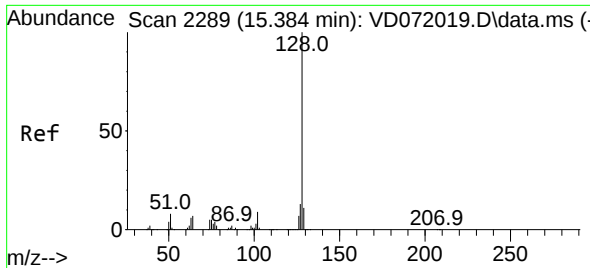
Tgt Ion:180 Resp: 133571
Ion Ratio Lower Upper
180 100
182 92.2 46.4 139.2
145 31.5 15.7 47.1



#94
Hexachlorobutadiene
Concen: 22.354 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion:225 Resp: 74586
Ion Ratio Lower Upper
225 100
223 61.6 30.9 92.7
227 64.7 31.6 95.0

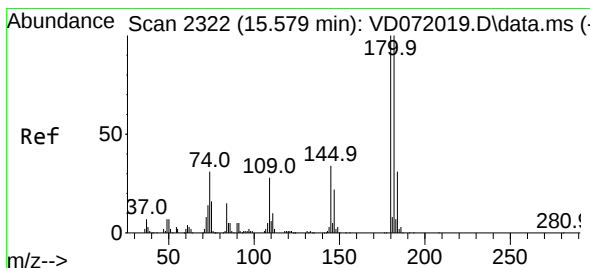
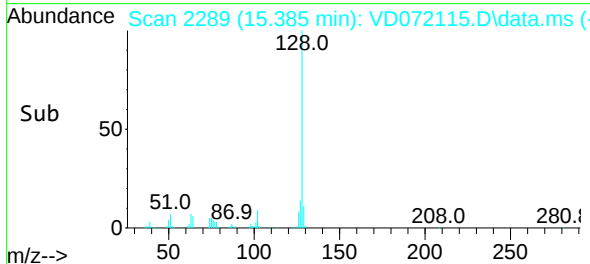
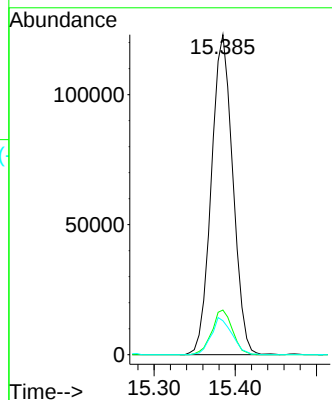
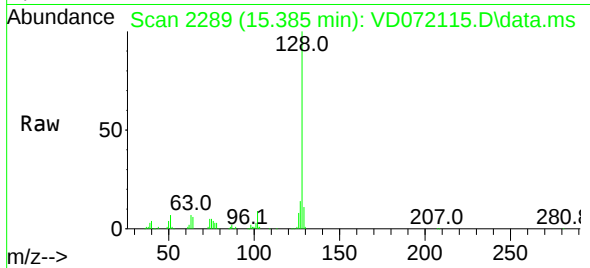




#95
Naphthalene
Concen: 20.525 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Instrument :
MSVOA_D
ClientSampleId :
VD0228SBS01

Tgt Ion:128 Resp: 226078
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.770 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072115.D
Acq: 28 Feb 2022 11:42

Tgt Ion:180 Resp: 113936
Ion Ratio Lower Upper
180 100
182 92.0 48.1 144.3
145 33.3 16.7 50.0

