

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010722\
 Data File : VD071644.D
 Acq On : 07 Jan 2022 12:29
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 07 12:59:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 12:54:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	313090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	530653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	491569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	234845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	210069	52.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.600%	
35) Dibromofluoromethane	7.914	113	176152	51.421	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.840%	
50) Toluene-d8	10.338	98	693365	53.306	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	12.626	95	233316	51.916	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	113659	41.799	ug/l	100
3) Chloromethane	2.215	50	149608	41.833	ug/l	96
4) Vinyl Chloride	2.356	62	175029	43.614	ug/l	94
5) Bromomethane	2.774	94	117608	39.269	ug/l	92
6) Chloroethane	2.926	64	123717	43.760	ug/l	99
7) Trichlorofluoromethane	3.279	101	243320	43.125	ug/l	93
8) Diethyl Ether	3.715	74	67542	43.918	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.109	101	146499	44.484	ug/l	99
10) Methyl Iodide	4.303	142	154294	47.321	ug/l	99
11) Tert butyl alcohol	5.209	59	49539	149.091	ug/l	96
12) 1,1-Dichloroethene	4.073	96	127256	43.424	ug/l	96
13) Acrolein	3.926	56	98295	249.311	ug/l	100
14) Allyl chloride	4.726	41	247784	43.550	ug/l	96
15) Acrylonitrile	5.420	53	179714	229.734	ug/l	100
16) Acetone	4.156	43	224371	239.445	ug/l	98
17) Carbon Disulfide	4.415	76	331446	42.372	ug/l	99
18) Methyl Acetate	4.715	43	126810	42.638	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	343642	45.681	ug/l	95
20) Methylene Chloride	4.968	84	159841	26.989	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	145909	43.503	ug/l	98
22) Diisopropyl ether	6.367	45	571194	46.598	ug/l	95
23) Vinyl Acetate	6.309	43	1371217	238.856	ug/l	99
24) 1,1-Dichloroethane	6.267	63	313899	44.921	ug/l	98
25) 2-Butanone	7.209	43	253020	230.503	ug/l	94
26) 2,2-Dichloropropane	7.209	77	263269	44.899	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	177974	45.395	ug/l	99
28) Bromochloromethane	7.550	49	163264	50.072	ug/l	97
29) Tetrahydrofuran	7.562	42	147581	228.134	ug/l	99
30) Chloroform	7.709	83	321503	44.885	ug/l	100
31) Cyclohexane	7.985	56	260372	41.319	ug/l #	95
32) 1,1,1-Trichloroethane	7.903	97	281991	44.764	ug/l	99
36) 1,1-Dichloropropene	8.114	75	228320	44.654	ug/l	99
37) Ethyl Acetate	7.297	43	109039	48.178	ug/l #	94
38) Carbon Tetrachloride	8.097	117	234965	44.419	ug/l	95
39) Methylcyclohexane	9.356	83	254221	45.706	ug/l	95
40) Benzene	8.350	78	641713	45.445	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	58191	41.580	ug/l	89
42) 1,2-Dichloroethane	8.420	62	215357	46.069	ug/l	99
43) Isopropyl Acetate	8.450	43	205721	46.349	ug/l	98
44) Trichloroethene	9.108	130	162822	45.363	ug/l	97
45) 1,2-Dichloropropane	9.385	63	174831	45.765	ug/l	99
46) Dibromomethane	9.473	93	89941	46.412	ug/l	98
47) Bromodichloromethane	9.656	83	248097	46.061	ug/l	98
48) Methyl methacrylate	9.456	41	96024	42.842	ug/l	96
49) 1,4-Dioxane	9.461	88	18658	1008.172	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	551645	237.385	ug/l	99
52) Toluene	10.403	92	410973	45.531	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	212904	45.304	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	254244	46.093	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	119703	45.749	ug/l	95
56) Ethyl methacrylate	10.655	69	149608	46.674	ug/l	97
57) 1,3-Dichloropropane	10.938	76	212689	46.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	408450	243.601	ug/l	98
59) 2-Hexanone	10.979	43	390123	238.307	ug/l	100
60) Dibromochloromethane	11.132	129	151582	45.990	ug/l	100
61) 1,2-Dibromoethane	11.244	107	112750	46.873	ug/l	97
64) Tetrachloroethene	10.873	164	133445	43.876	ug/l	95
65) Chlorobenzene	11.667	112	436865	45.543	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	160393	45.220	ug/l	98
67) Ethyl Benzene	11.738	91	825332	46.052	ug/l	99
68) m/p-Xylenes	11.850	106	616751	92.320	ug/l	99
69) o-Xylene	12.173	106	285284	45.509	ug/l	100
70) Styrene	12.191	104	505423	46.834	ug/l	99
71) Bromoform	12.350	173	82470	45.200	ug/l #	98
73) Isopropylbenzene	12.473	105	796884	45.082	ug/l	98
74) N-amyl acetate	12.279	43	194811	45.617	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	135522	45.173	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	179460	79.938	ug/l #	100
77) Bromobenzene	12.755	156	165753	43.937	ug/l	97
78) n-propylbenzene	12.814	91	996606	44.766	ug/l	100
79) 2-Chlorotoluene	12.897	91	555333	44.288	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	667297	45.532	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	36768	44.477	ug/l	93
82) 4-Chlorotoluene	12.997	91	586084	44.453	ug/l	99
83) tert-Butylbenzene	13.214	119	568632	45.454	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	660115	45.219	ug/l	100
85) sec-Butylbenzene	13.391	105	894253	46.043	ug/l	100
86) p-Isopropyltoluene	13.508	119	724629	45.625	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	349249	44.298	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	350228	44.679	ug/l	98
89) n-Butylbenzene	13.832	91	722042	45.601	ug/l	99
90) Hexachloroethane	14.096	117	136825	44.426	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	300272	44.641	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	21087	41.397	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	175401	45.208	ug/l	98
94) Hexachlorobutadiene	15.255	225	100068	45.839	ug/l	98
95) Naphthalene	15.385	128	319361	45.894	ug/l	97
96) 1,2,3-Trichlorobenzene	15.579	180	148466	45.321	ug/l	100

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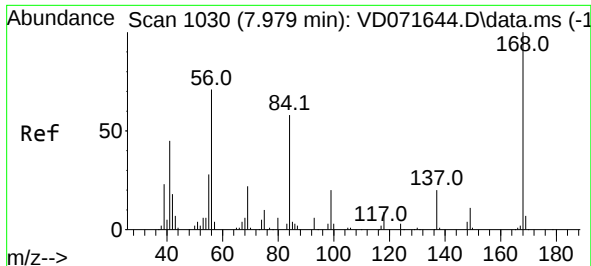
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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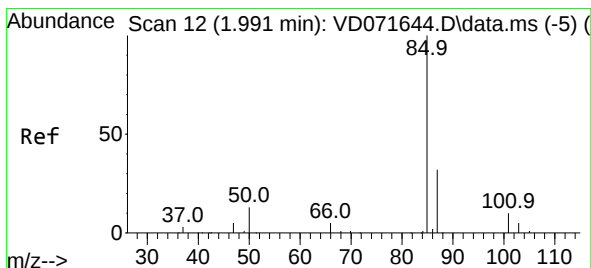
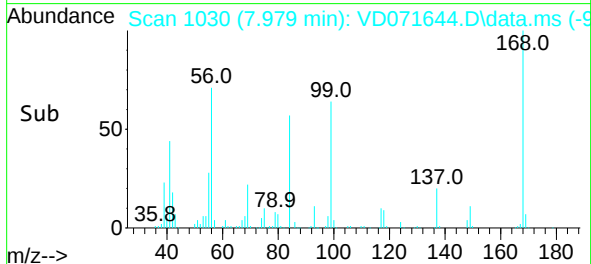
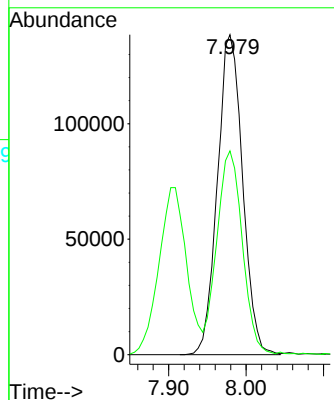
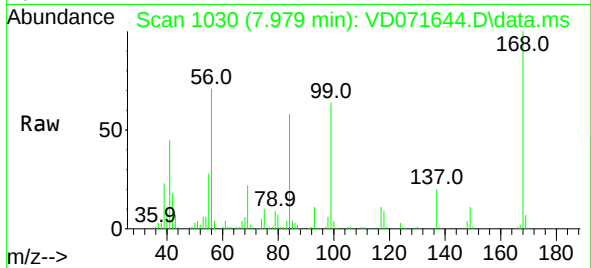




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071644.D
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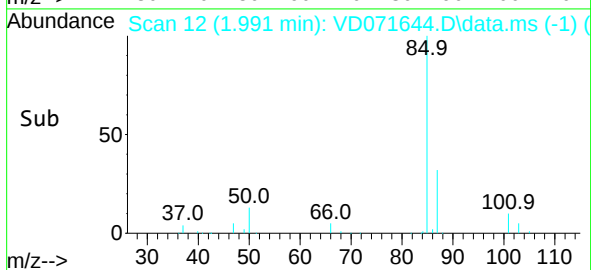
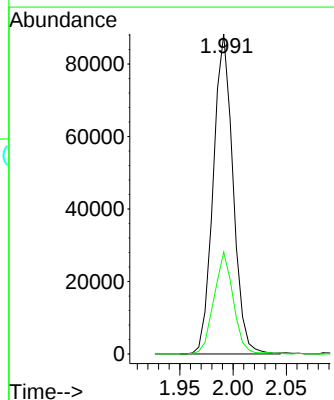
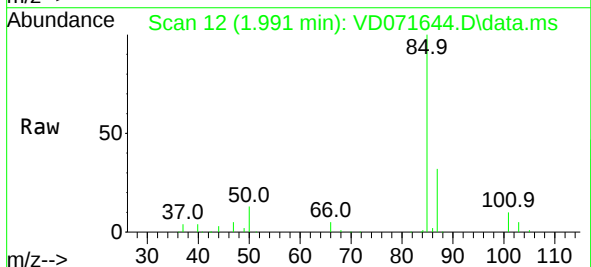
Instrument :
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ClientSampleId :
VSTDICCC050

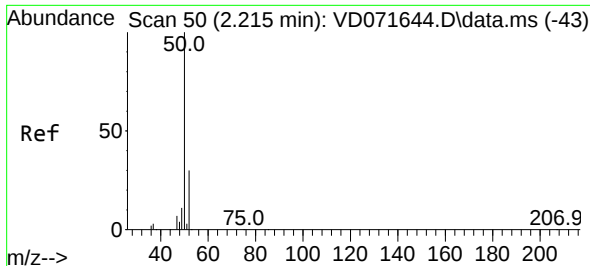
Tgt Ion:168 Resp: 313090
Ion Ratio Lower Upper
168 100
99 62.9 51.8 77.6



#2
Dichlorodifluoromethane
Concen: 41.799 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 85 Resp: 113659
Ion Ratio Lower Upper
85 100
87 31.9 15.9 47.6

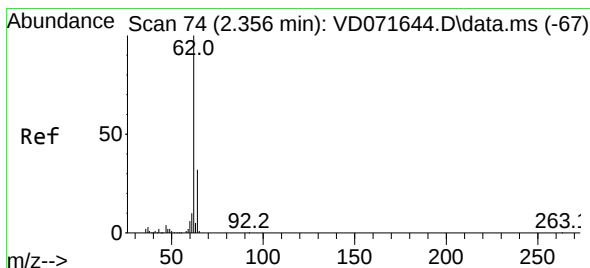
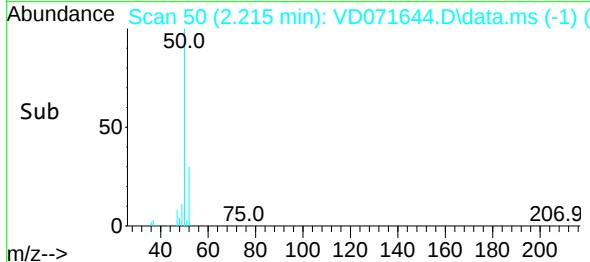
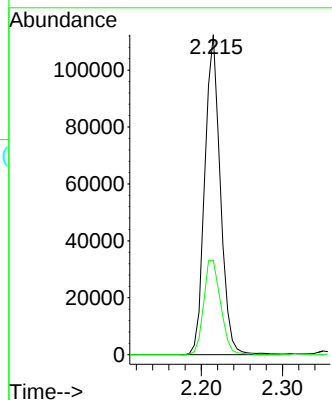
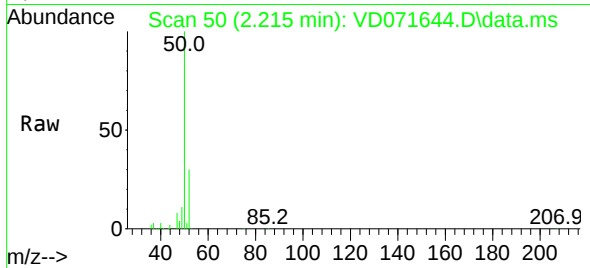




#3
Chloromethane
Concen: 41.833 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

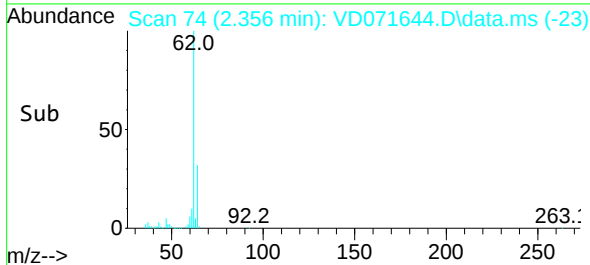
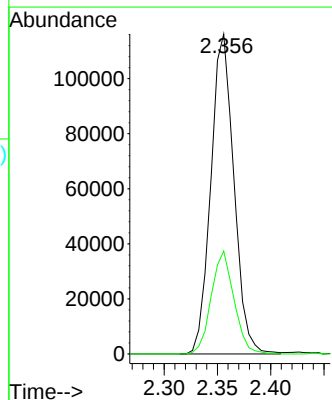
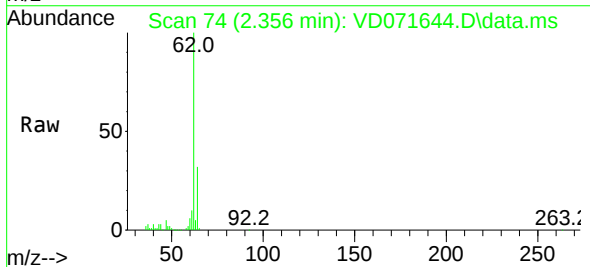
Instrument :
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ClientSampleId :
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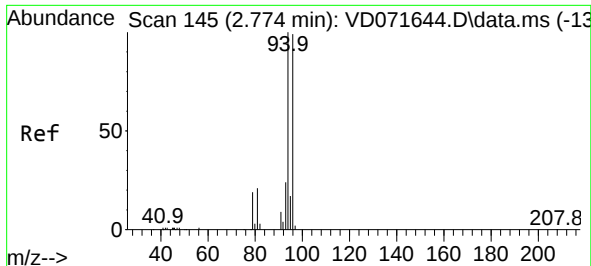
Tgt Ion: 50 Resp: 149608
Ion Ratio Lower Upper
50 100
52 29.6 25.4 38.0



#4
Vinyl Chloride
Concen: 43.614 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 62 Resp: 175029
Ion Ratio Lower Upper
62 100
64 32.2 23.2 34.8

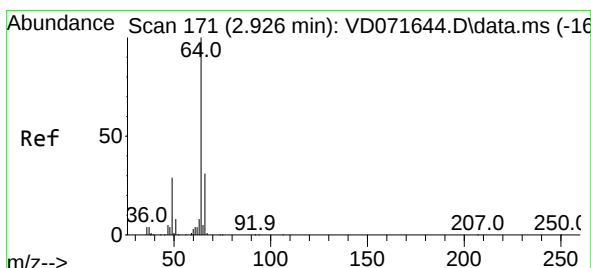
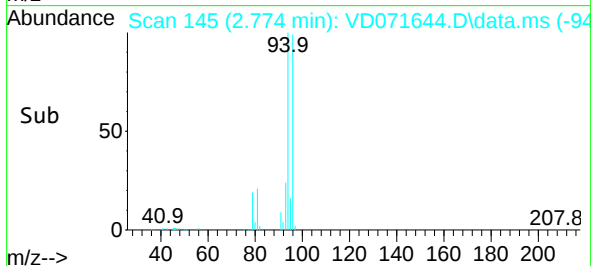
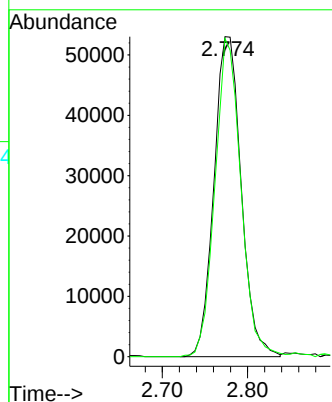
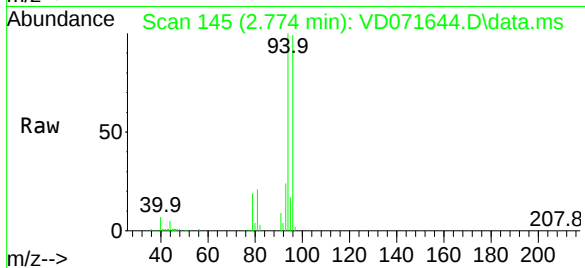




#5
Bromomethane
Concen: 39.269 ug/l
RT: 2.774 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

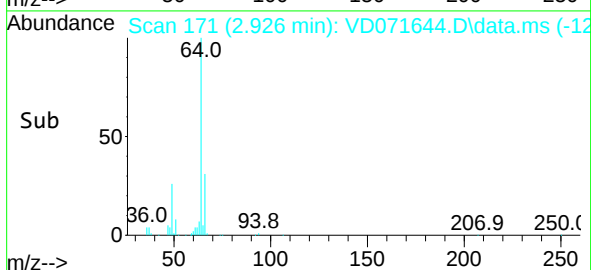
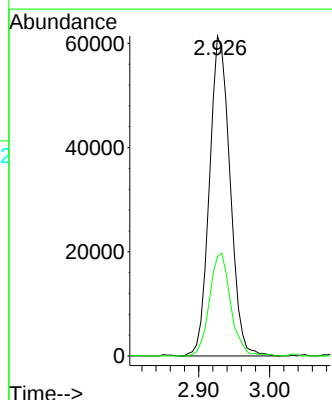
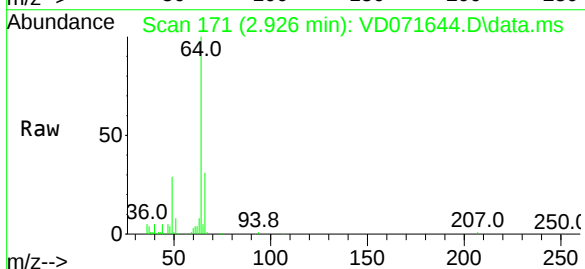
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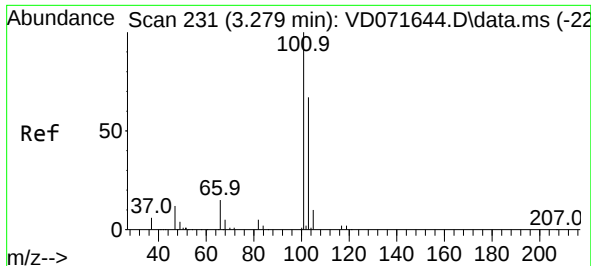
Tgt Ion: 94 Resp: 117608
Ion Ratio Lower Upper
94 100
96 99.4 73.7 110.5



#6
Chloroethane
Concen: 43.760 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 64 Resp: 123717
Ion Ratio Lower Upper
64 100
66 31.0 24.2 36.2

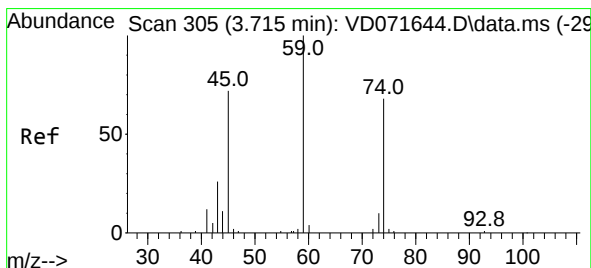
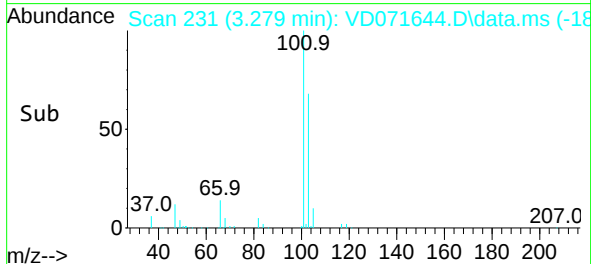
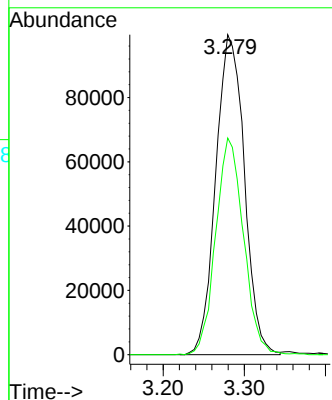
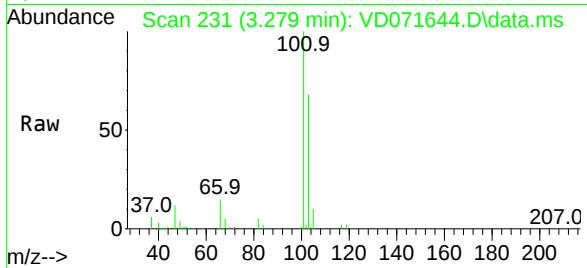




#7
 Trichlorofluoromethane
 Concen: 43.125 ug/l
 RT: 3.279 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

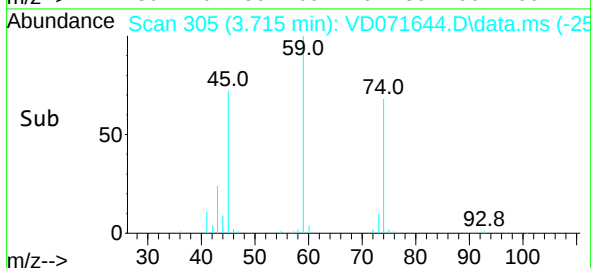
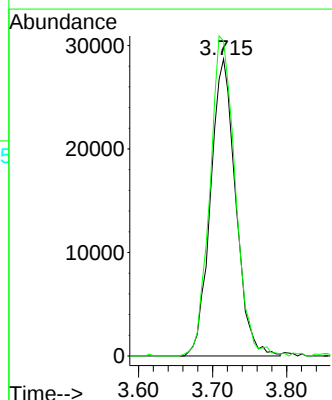
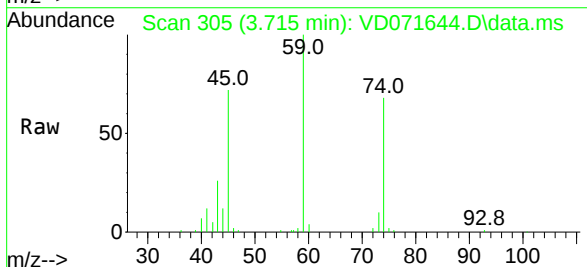
Instrument :
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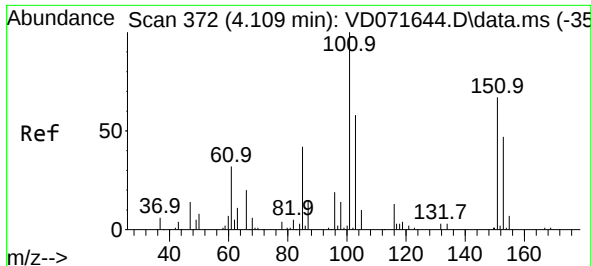
Tgt Ion:101 Resp: 243320
 Ion Ratio Lower Upper
 101 100
 103 67.5 49.8 74.6



#8
 Diethyl Ether
 Concen: 43.918 ug/l
 RT: 3.715 min Scan# 305
 Delta R.T. 0.000 min
 Lab File: VD071644.D
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Tgt Ion: 74 Resp: 67542
 Ion Ratio Lower Upper
 74 100
 45 108.9 56.5 169.5

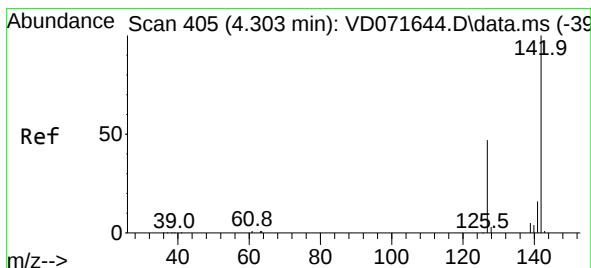
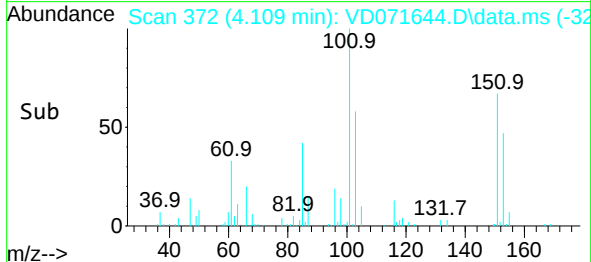
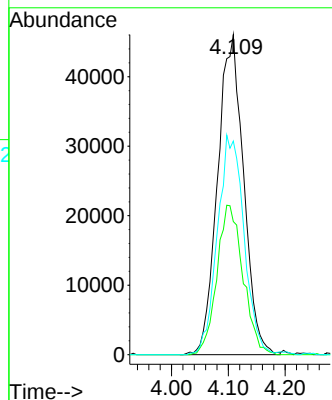
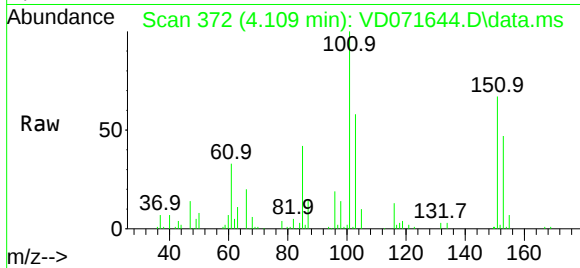




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.484 ug/l
RT: 4.109 min Scan# 372
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

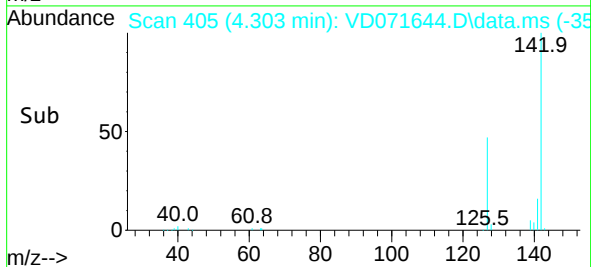
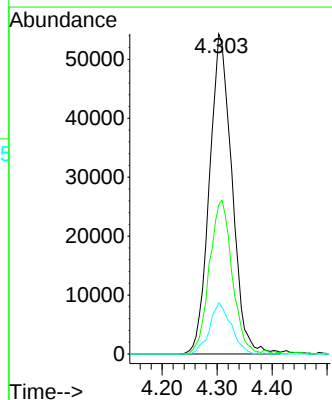
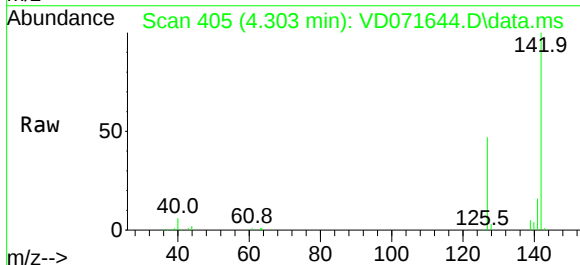
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

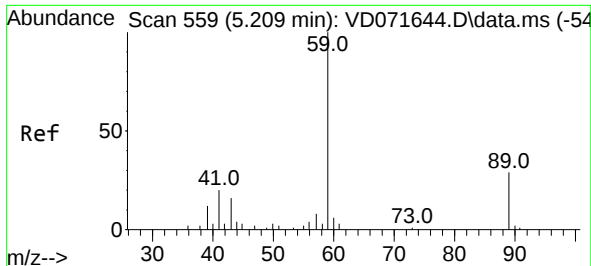
Tgt Ion:101 Resp: 146499
Ion Ratio Lower Upper
101 100
85 46.9 38.7 58.1
151 70.0 56.2 84.2



#10
Methyl Iodide
Concen: 47.321 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion:142 Resp: 154294
Ion Ratio Lower Upper
142 100
127 48.5 39.4 59.2
141 15.3 11.9 17.9

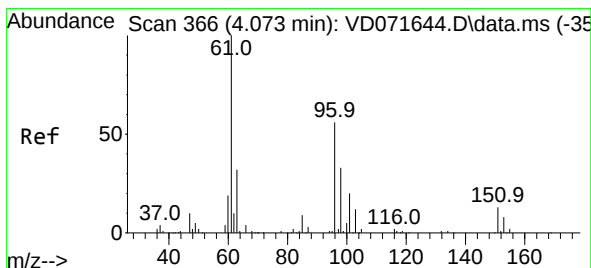
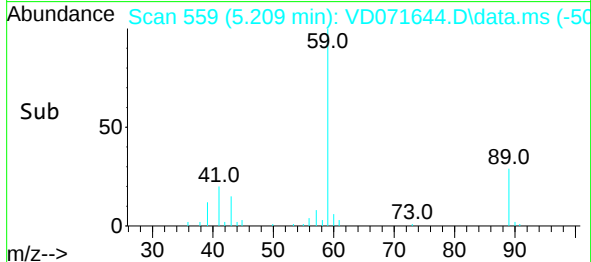
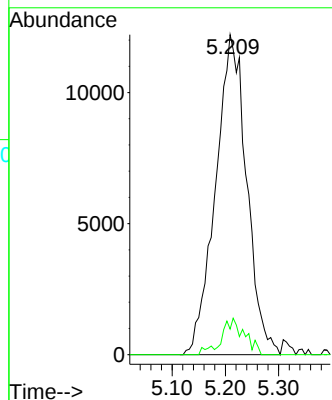
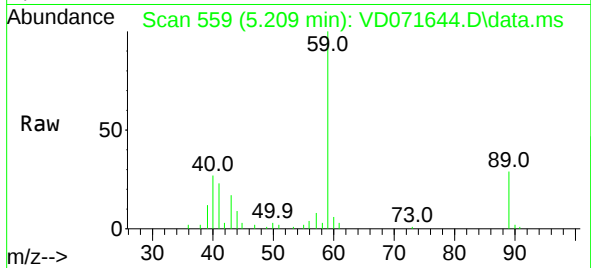




#11
Tert butyl alcohol
Concen: 149.091 ug/l
RT: 5.209 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

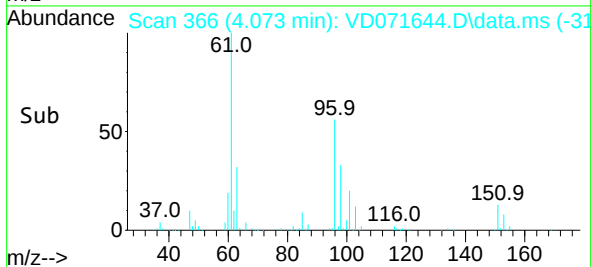
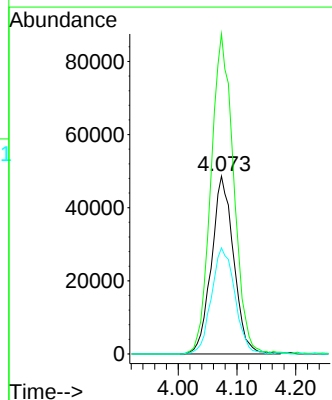
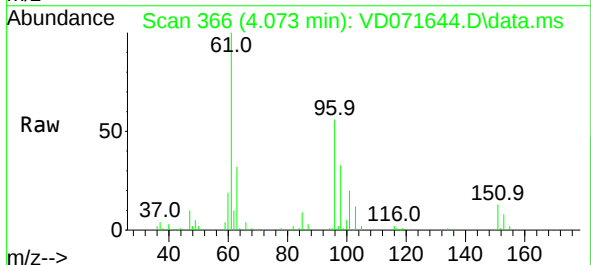
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

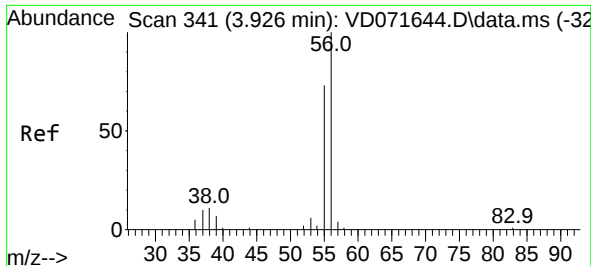
Tgt Ion: 59 Resp: 49539
Ion Ratio Lower Upper
59 100
57 7.5 7.3 10.9



#12
1,1-Dichloroethene
Concen: 43.424 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 96 Resp: 127256
Ion Ratio Lower Upper
96 100
61 180.0 137.8 206.8
98 59.7 48.3 72.5

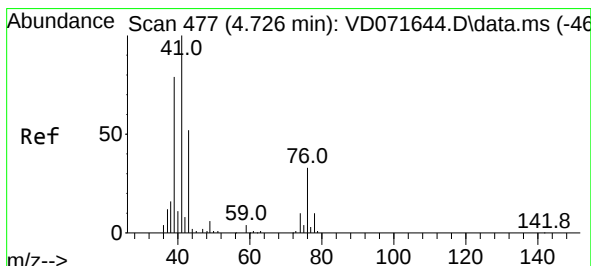
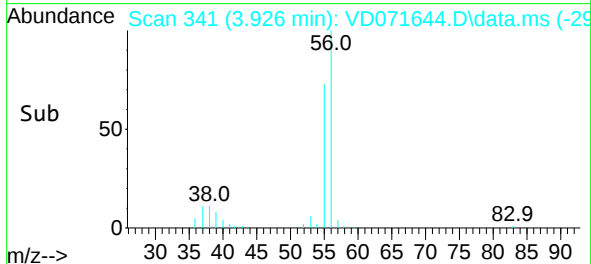
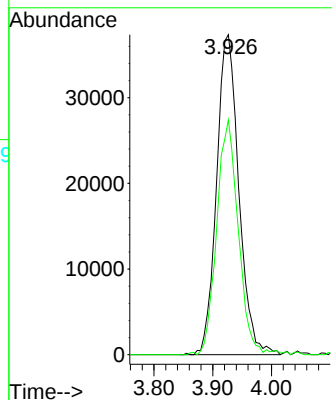
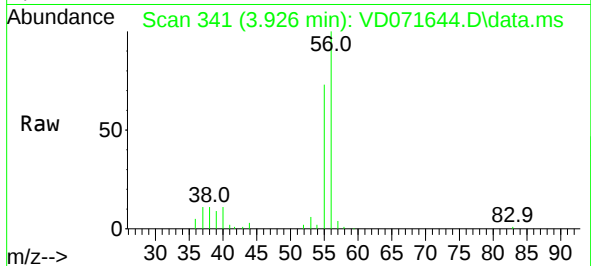




#13
Acrolein
Concen: 249.311 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

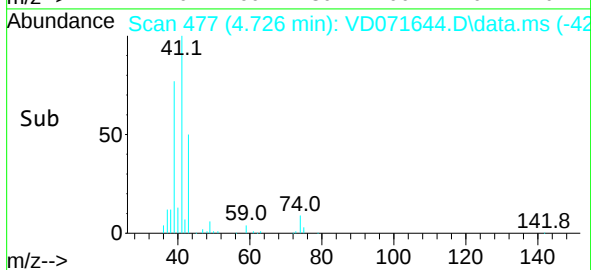
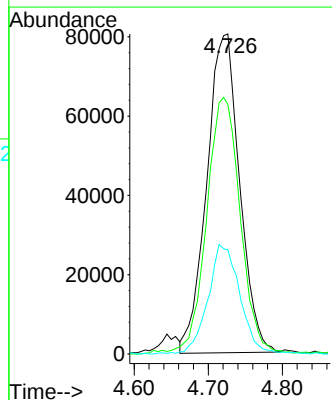
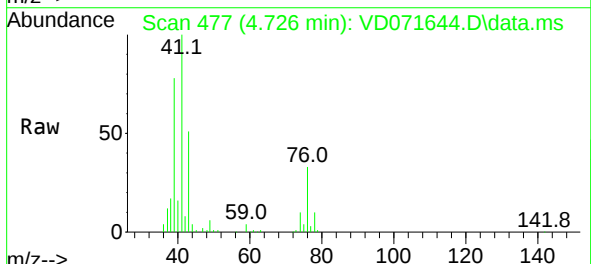
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

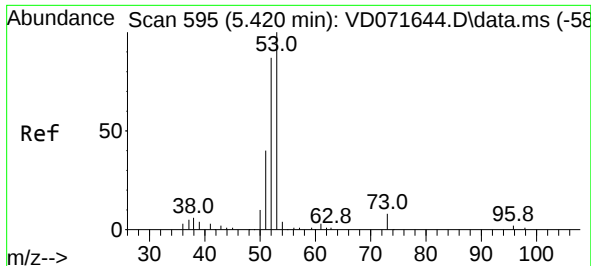
Tgt Ion: 56 Resp: 98295
Ion Ratio Lower Upper
56 100
55 71.4 56.9 85.3



#14
Allyl chloride
Concen: 43.550 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 41 Resp: 247784
Ion Ratio Lower Upper
41 100
39 82.8 63.2 94.8
76 33.4 25.8 38.6

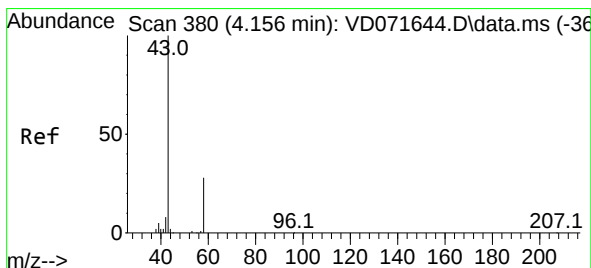
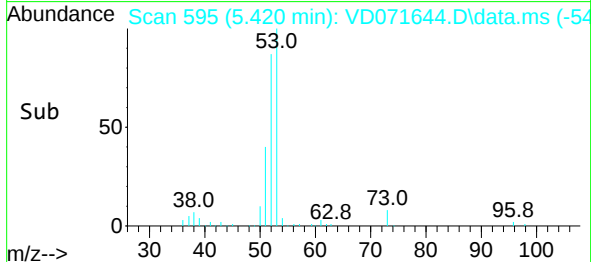
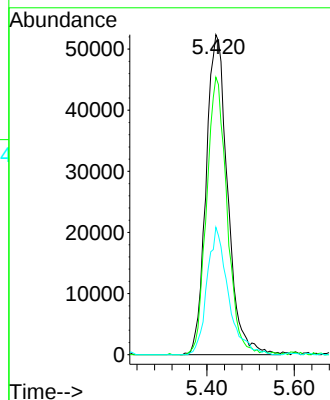
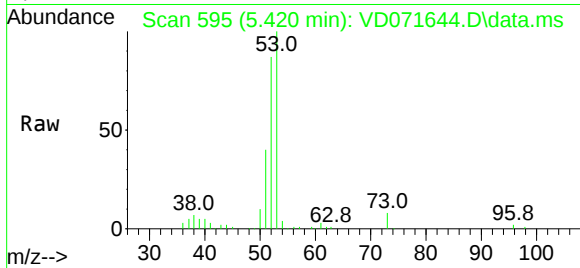




#15
Acrylonitrile
Concen: 229.734 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

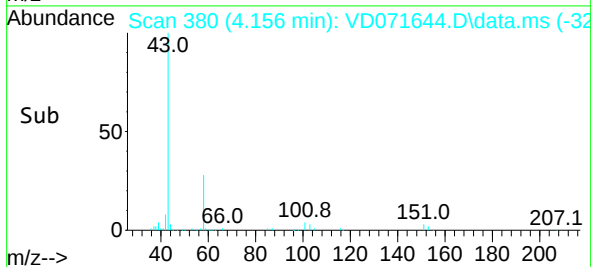
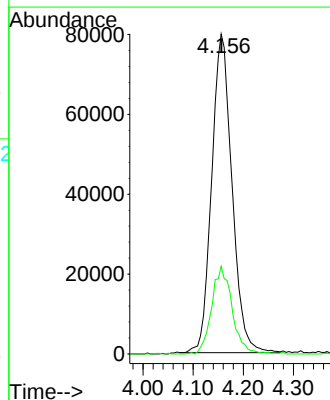
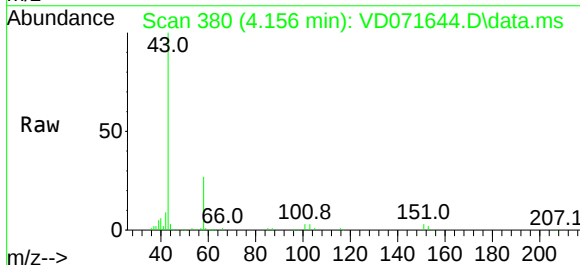
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

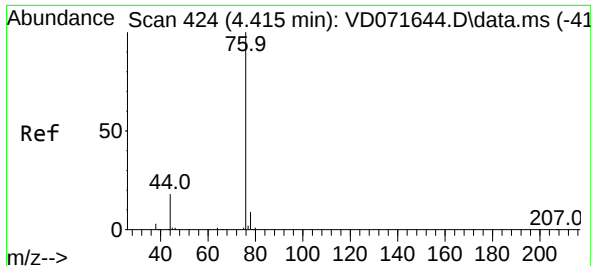
Tgt Ion: 53 Resp: 179714
Ion Ratio Lower Upper
53 100
52 82.2 65.6 98.4
51 39.2 31.2 46.8



#16
Acetone
Concen: 239.445 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 43 Resp: 224371
Ion Ratio Lower Upper
43 100
58 27.5 21.0 31.6

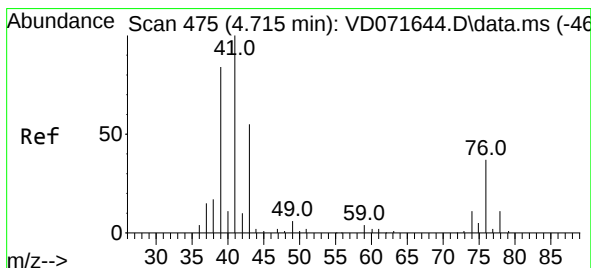
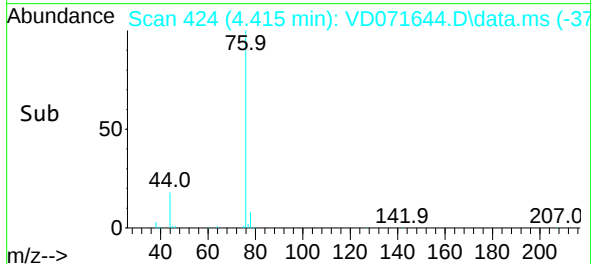
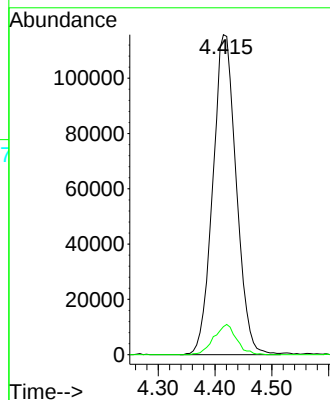
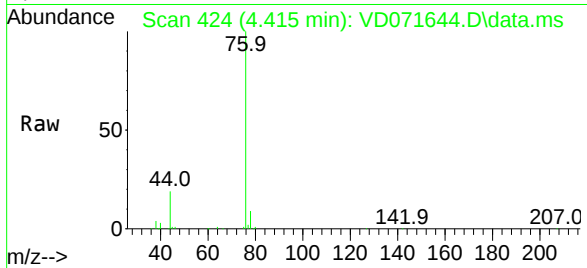




#17
Carbon Disulfide
Concen: 42.372 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

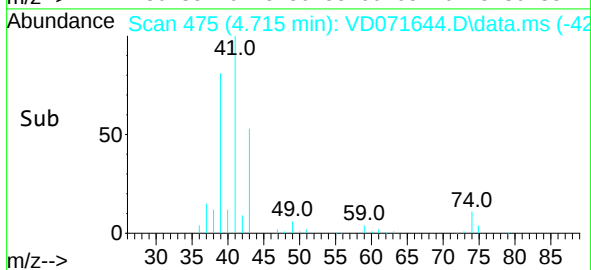
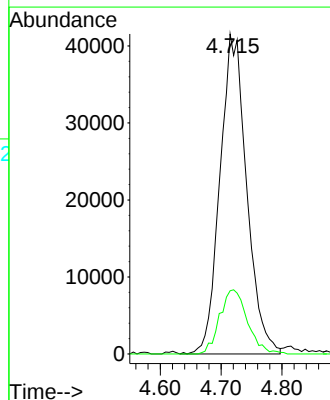
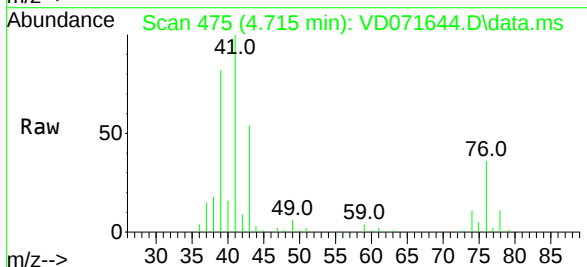
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

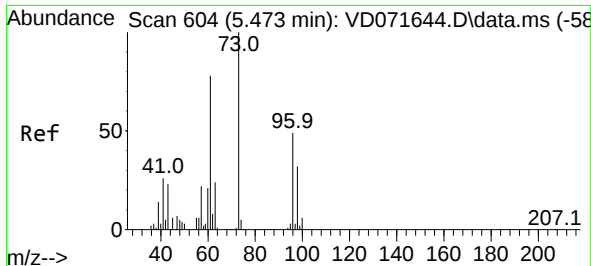
Tgt Ion: 76 Resp: 331446
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 42.638 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 43 Resp: 126810
Ion Ratio Lower Upper
43 100
74 20.8 16.3 24.5





#19

Methyl tert-butyl Ether

Concen: 45.681 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

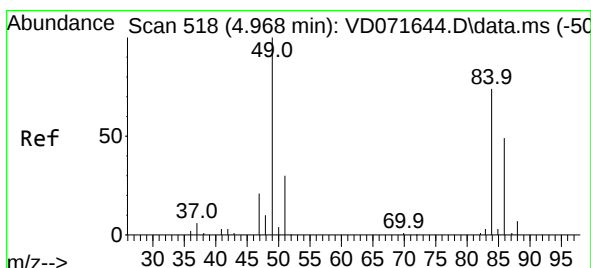
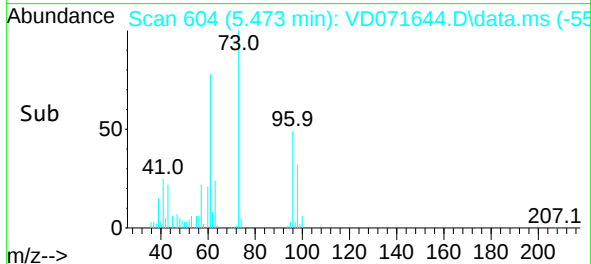
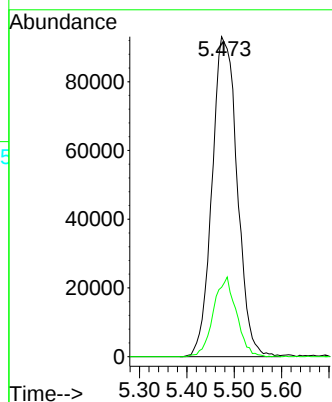
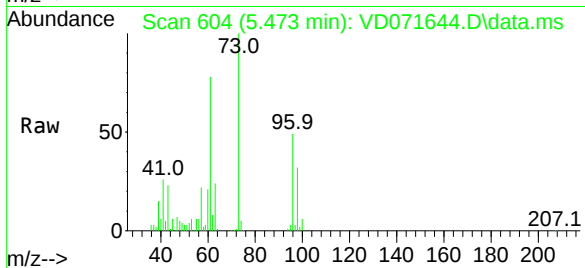
VSTDICCC050

Tgt Ion: 73 Resp: 343642

Ion Ratio Lower Upper

73 100

57 21.7 19.2 28.8



#20

Methylene Chloride

Concen: 26.989 ug/l

RT: 4.968 min Scan# 518

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Tgt Ion: 84 Resp: 159841

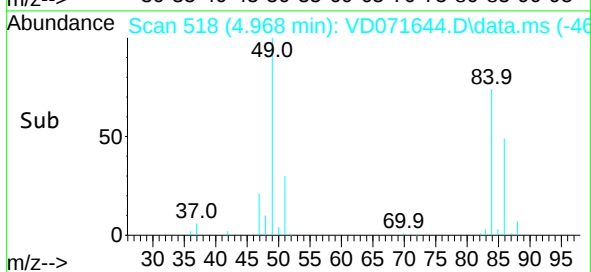
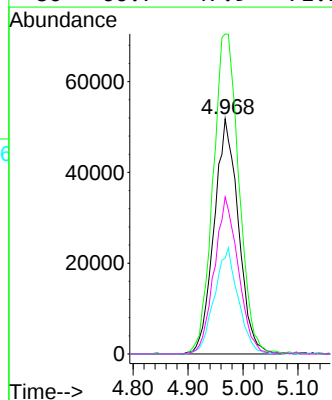
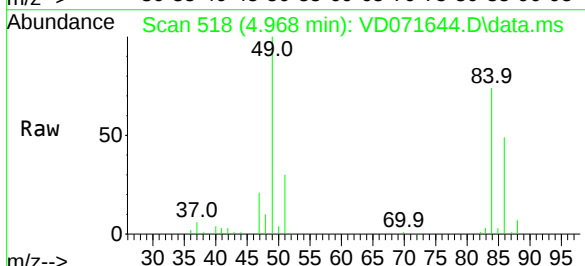
Ion Ratio Lower Upper

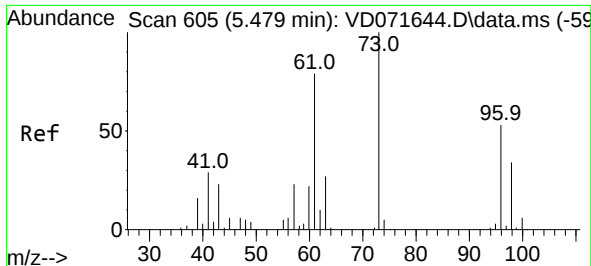
84 100

49 136.0 118.6 178.0

51 40.8 37.8 56.6

86 66.7 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 43.503 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

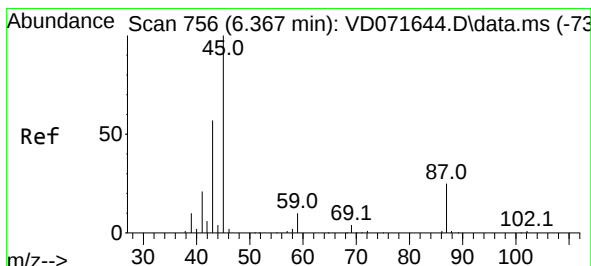
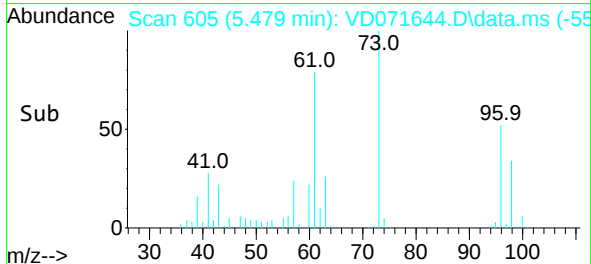
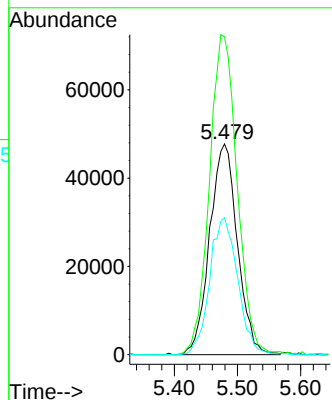
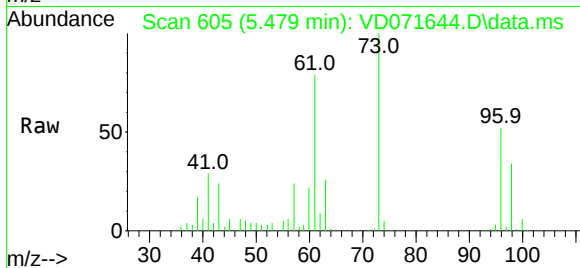
Tgt Ion: 96 Resp: 145909

Ion Ratio Lower Upper

96 100

61 150.4 119.4 179.0

98 65.0 49.3 73.9



#22

Diisopropyl ether

Concen: 46.598 ug/l

RT: 6.367 min Scan# 756

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Tgt Ion: 45 Resp: 571194

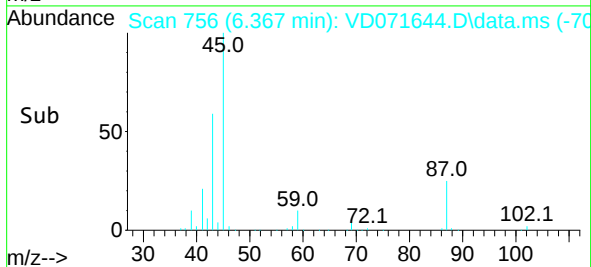
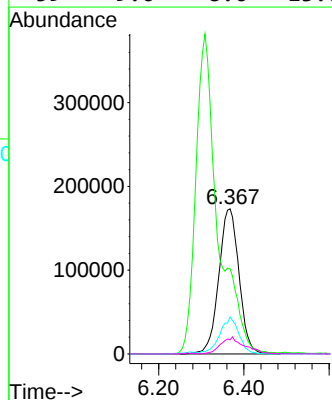
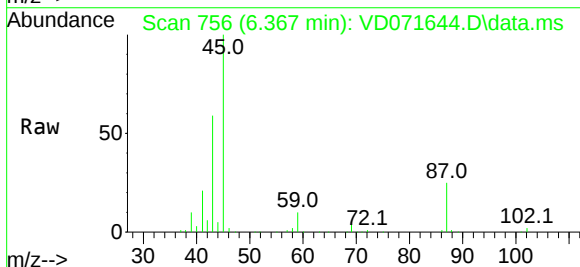
Ion Ratio Lower Upper

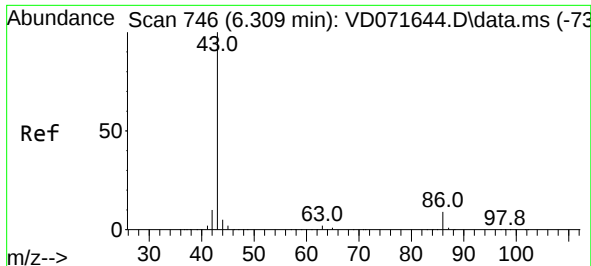
45 100

43 57.9 43.0 64.6

87 25.3 19.0 28.4

59 9.6 8.6 13.0

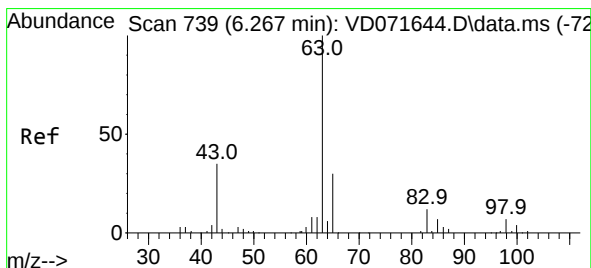
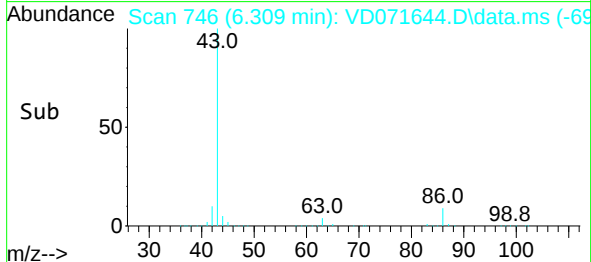
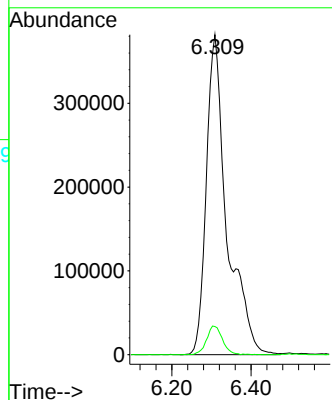
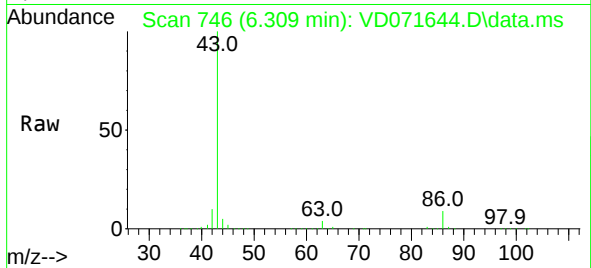




#23
 Vinyl Acetate
 Concen: 238.856 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

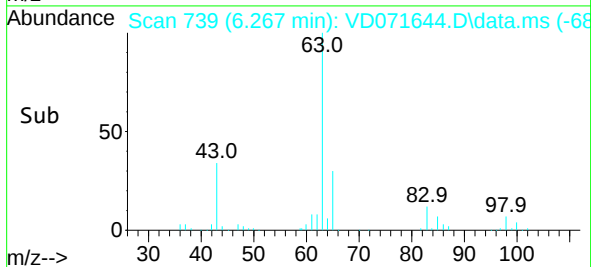
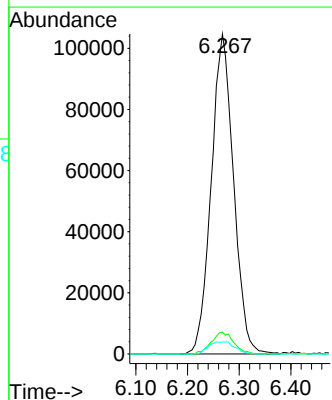
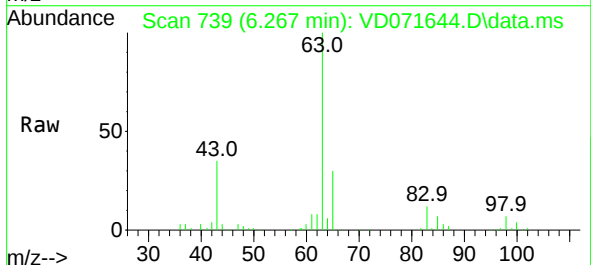
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

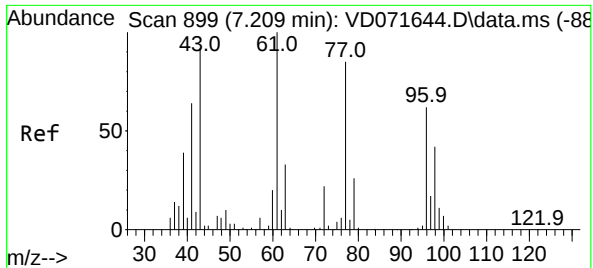
Tgt Ion: 43 Resp: 1371217
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 44.921 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

Tgt Ion: 63 Resp: 313899
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 3.7 2.5 7.5

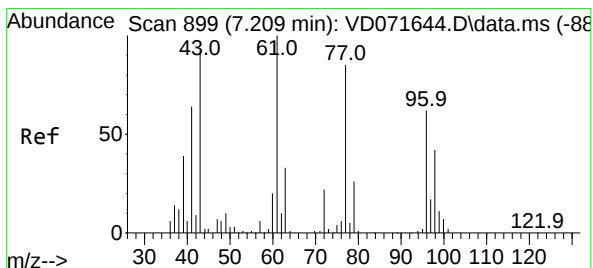
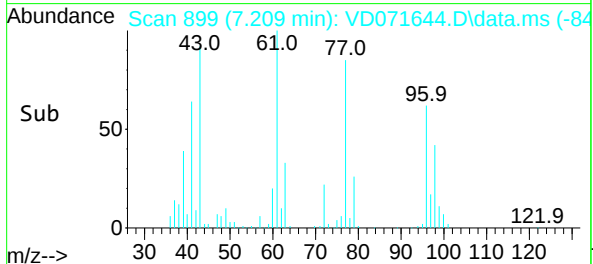
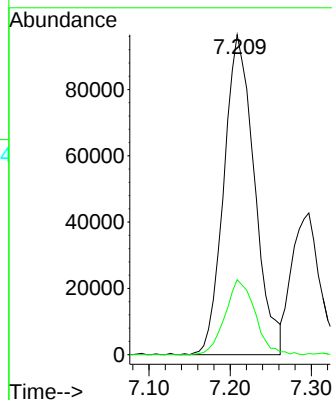
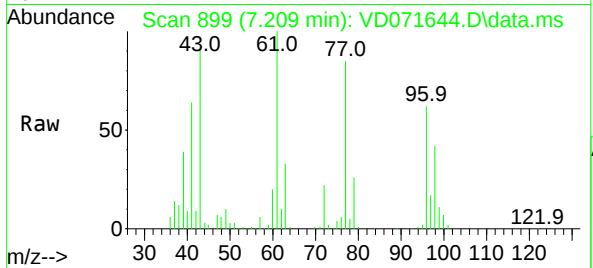




#25
2-Butanone
Concen: 230.503 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

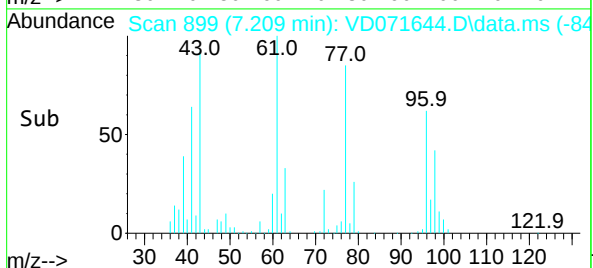
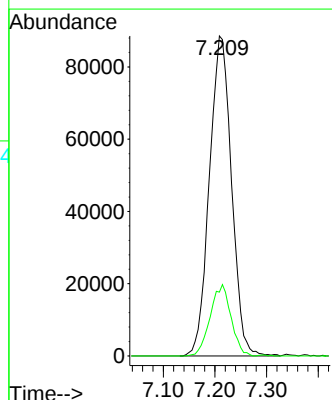
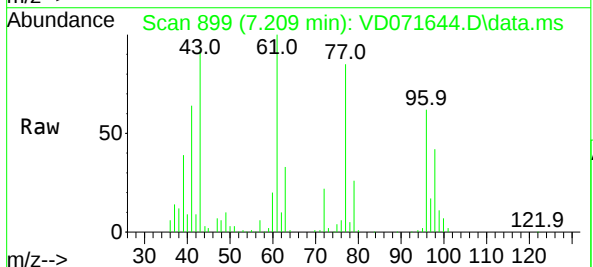
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

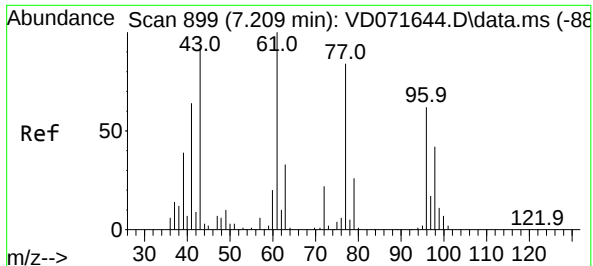
Tgt Ion: 43 Resp: 253020
Ion Ratio Lower Upper
43 100
72 23.4 16.4 24.6



#26
2,2-Dichloropropane
Concen: 44.899 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 77 Resp: 263269
Ion Ratio Lower Upper
77 100
97 21.0 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 45.395 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

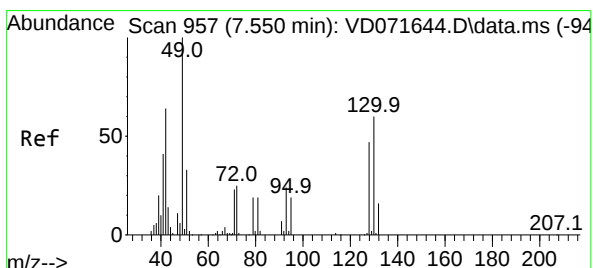
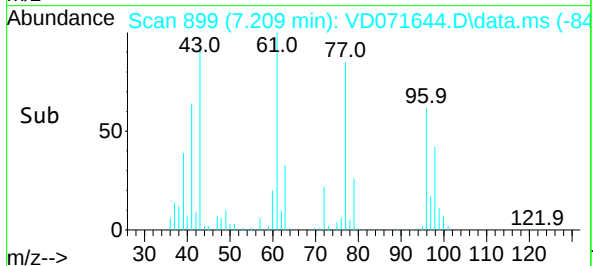
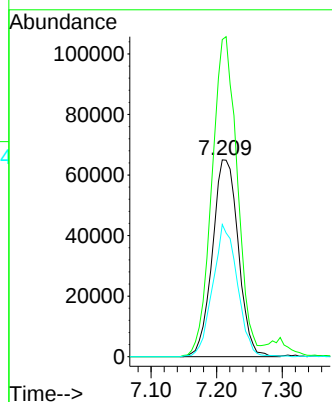
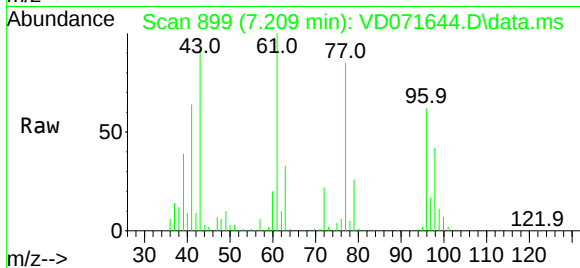
Tgt Ion: 96 Resp: 177974

Ion Ratio Lower Upper

96 100

61 160.0 0.0 322.8

98 64.0 0.0 130.8



#28

Bromochloromethane

Concen: 50.072 ug/l

RT: 7.550 min Scan# 957

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

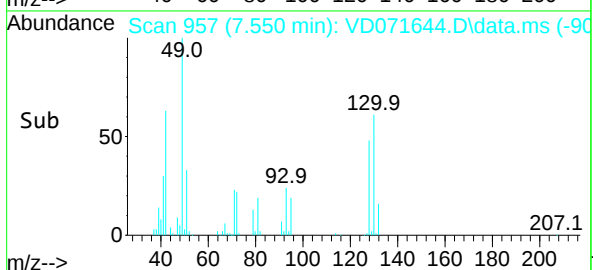
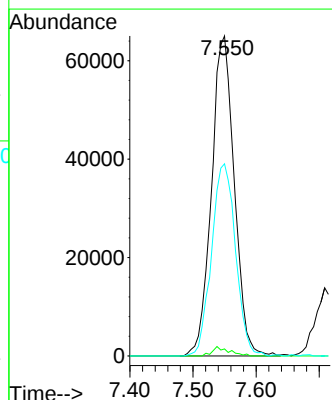
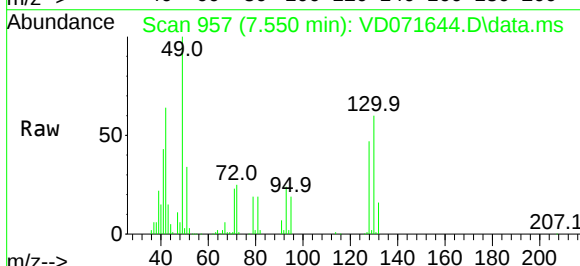
Tgt Ion: 49 Resp: 163264

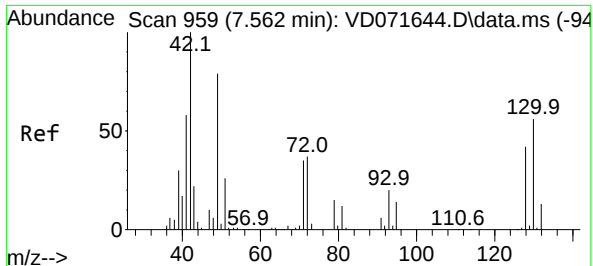
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 63.2 48.9 73.3





#29

Tetrahydrofuran

Concen: 228.134 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

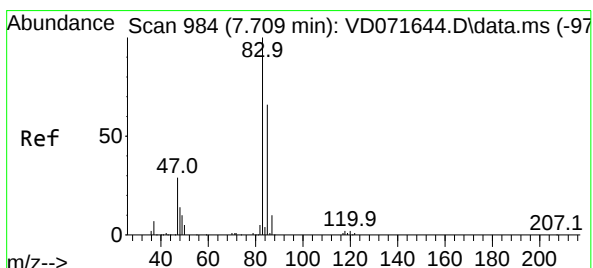
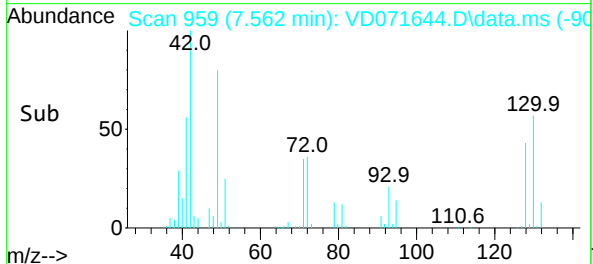
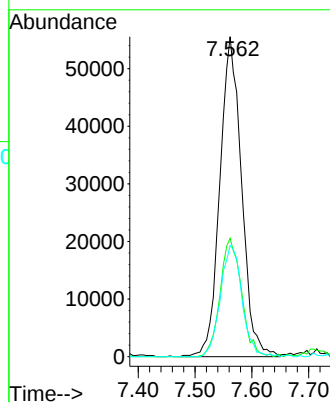
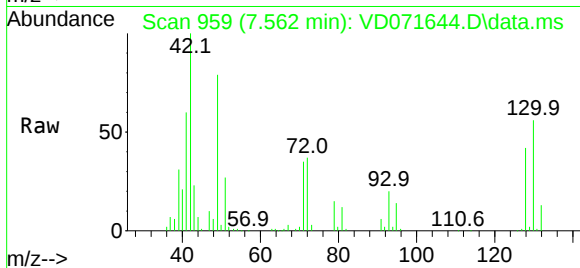
Tgt Ion: 42 Resp: 147581

Ion Ratio Lower Upper

42 100

72 36.4 29.6 44.4

71 34.5 27.3 40.9



#30

Chloroform

Concen: 44.885 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD071644.D

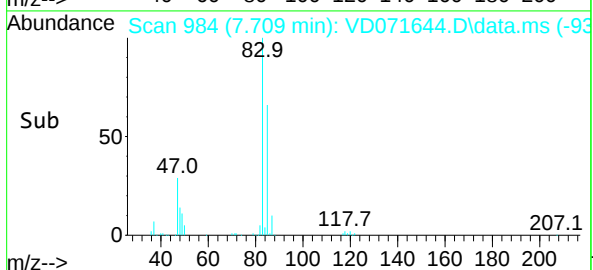
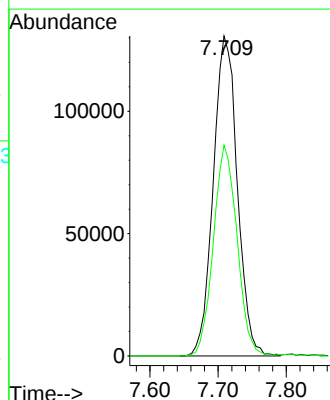
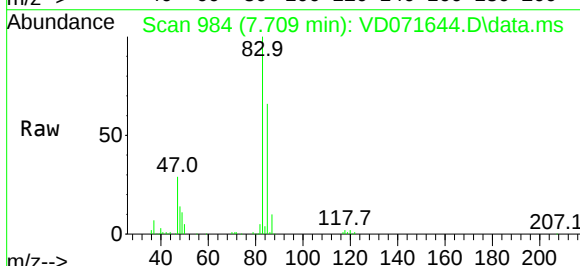
Acq: 07 Jan 2022 12:29

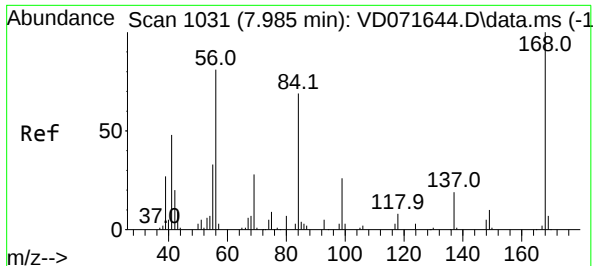
Tgt Ion: 83 Resp: 321503

Ion Ratio Lower Upper

83 100

85 65.8 52.4 78.6





#31

Cyclohexane

Concen: 41.319 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

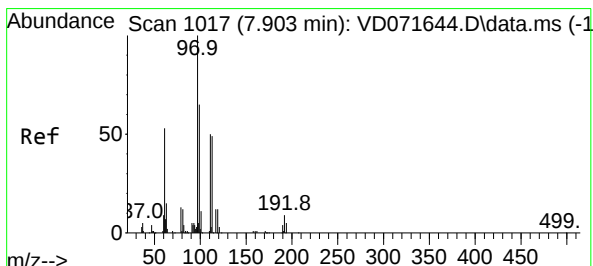
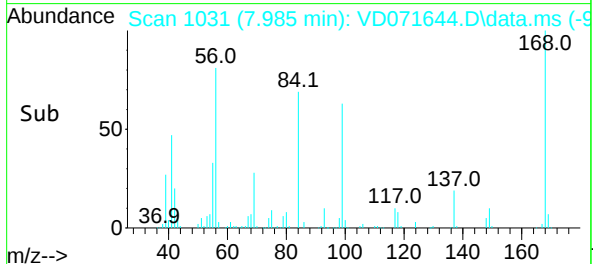
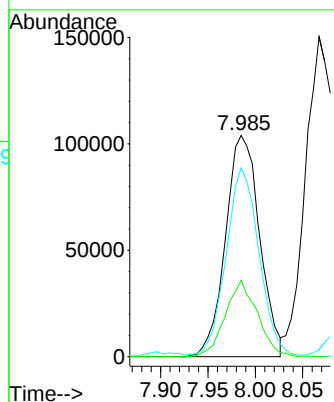
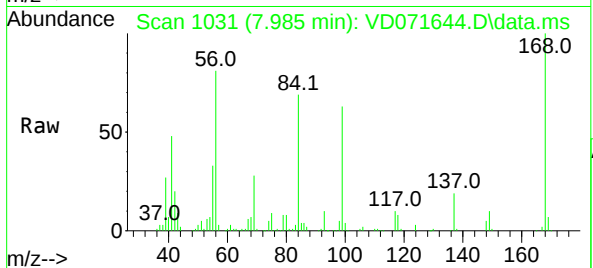
Tgt Ion: 56 Resp: 260372

Ion Ratio Lower Upper

56 100

69 34.5 21.7 32.5#

84 83.9 65.7 98.5



#32

1,1,1-Trichloroethane

Concen: 44.764 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

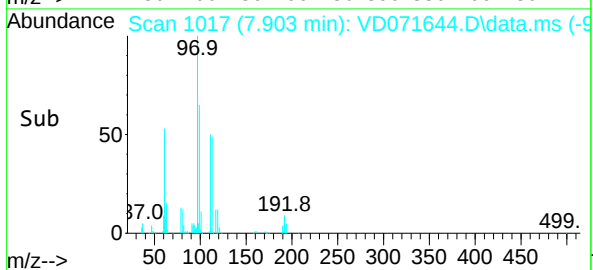
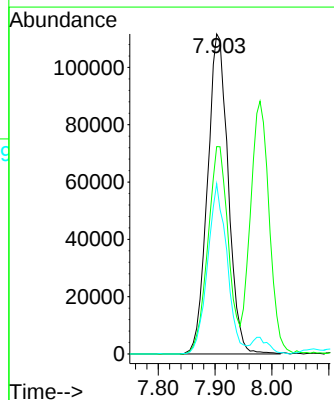
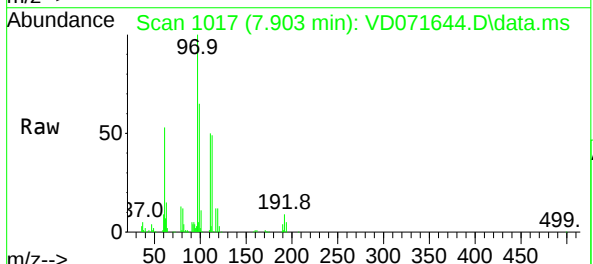
Tgt Ion: 97 Resp: 281991

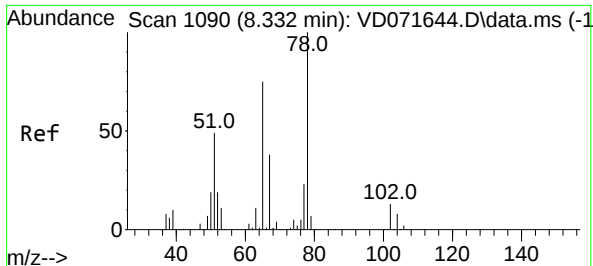
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 50.1 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 52.304 ug/l

RT: 8.332 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

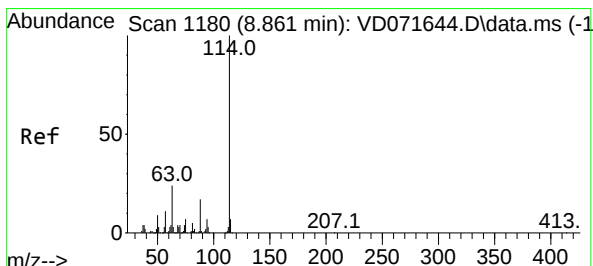
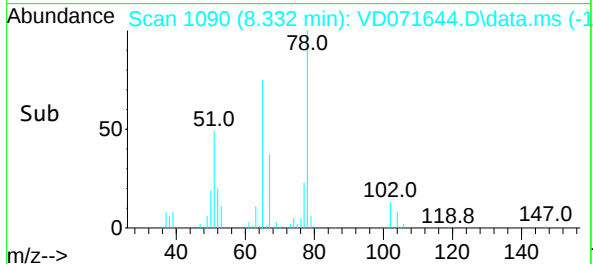
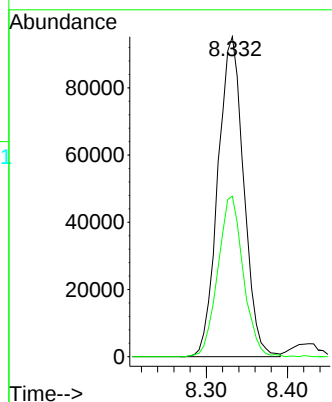
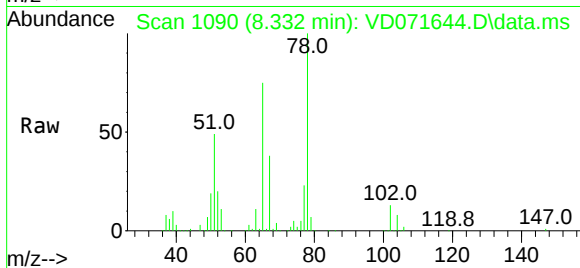
VSTDICCC050

Tgt Ion: 65 Resp: 210069

Ion Ratio Lower Upper

65 100

67 49.4 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

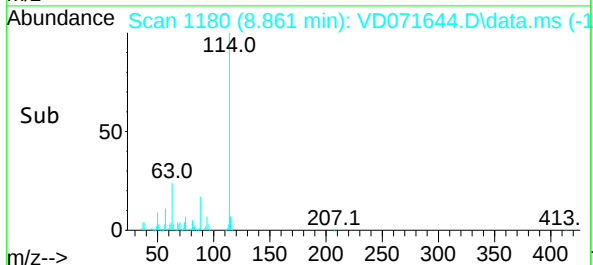
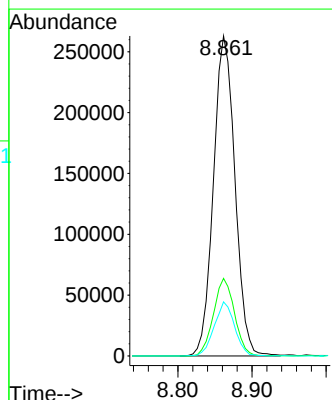
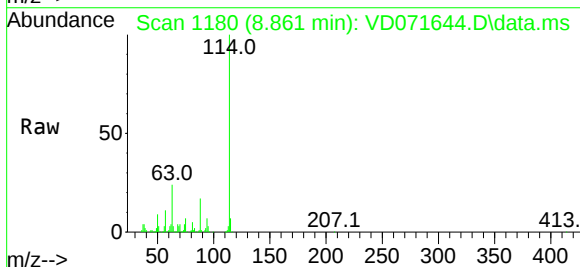
Tgt Ion: 114 Resp: 530653

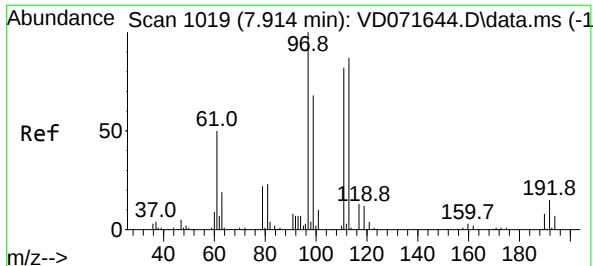
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.2

88 16.9 0.0 32.0

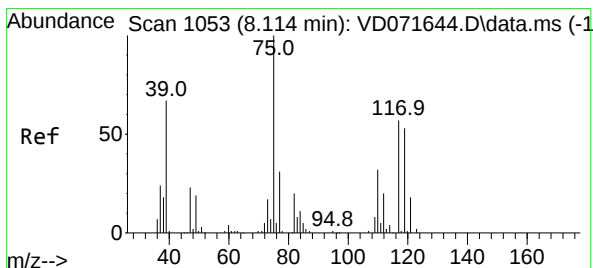
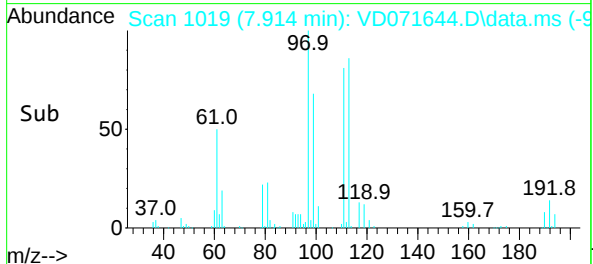
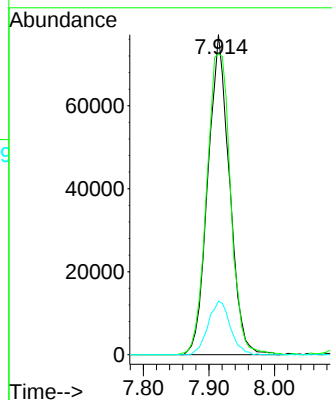
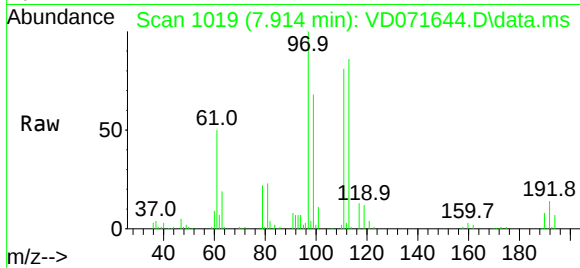




#35
Dibromofluoromethane
Concen: 51.421 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

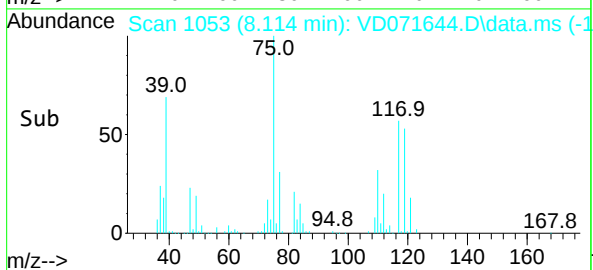
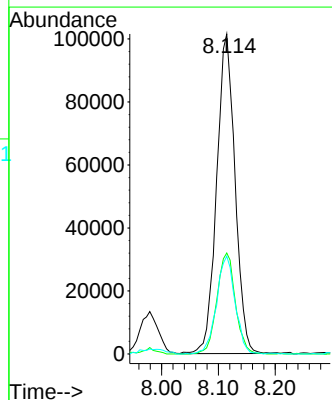
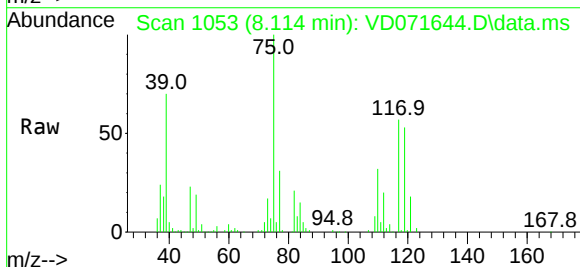
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

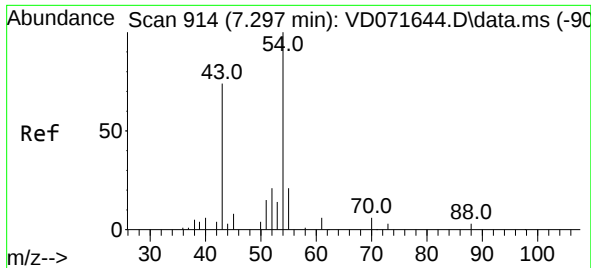
Tgt Ion:113 Resp: 176152
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 17.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 44.654 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 75 Resp: 228320
Ion Ratio Lower Upper
75 100
110 31.7 16.0 48.0
77 31.0 24.5 36.7

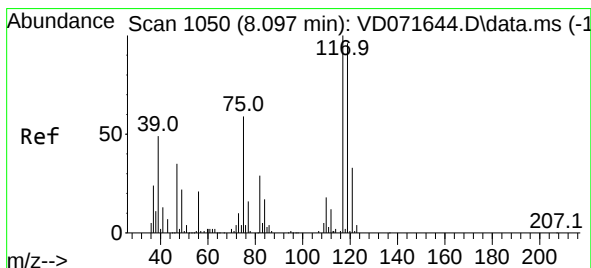
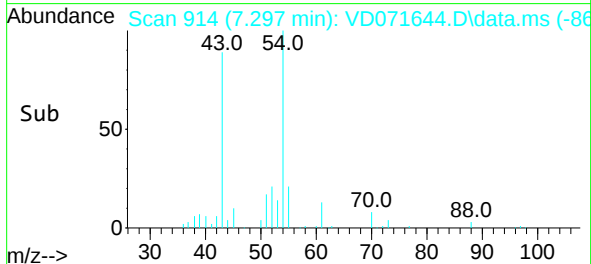
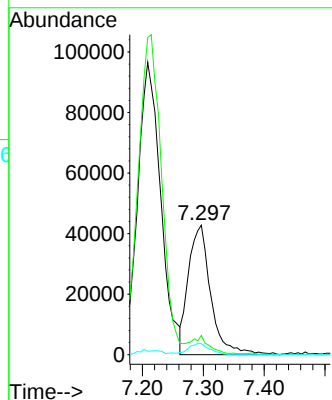
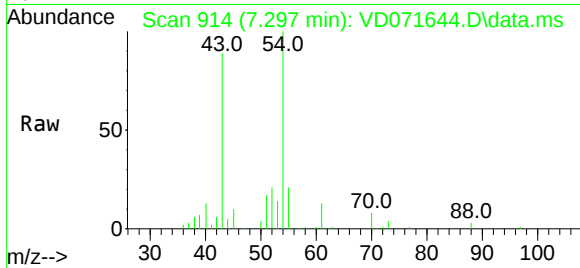




#37
Ethyl Acetate
Concen: 48.178 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

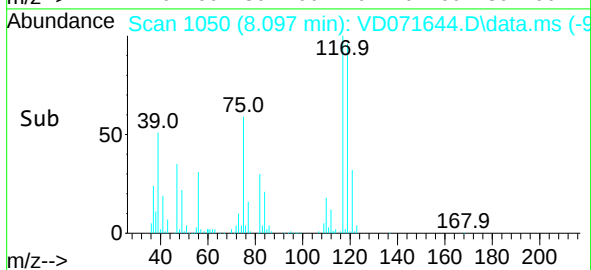
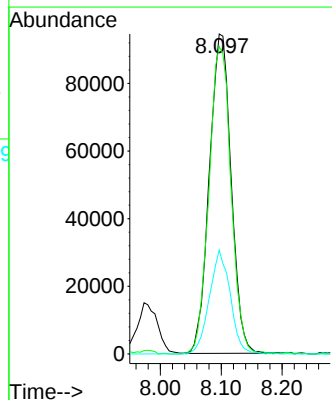
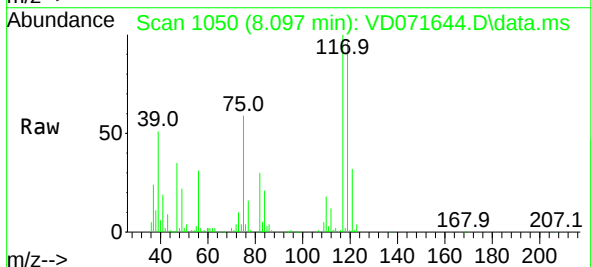
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

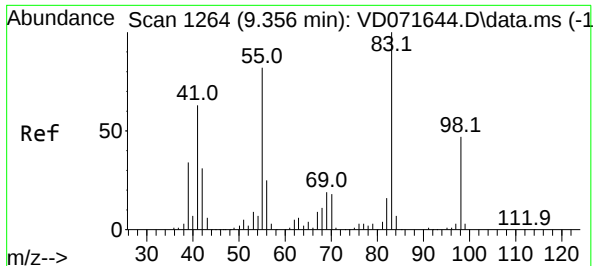
Tgt Ion: 43 Resp: 109039
Ion Ratio Lower Upper
43 100
61 10.3 11.0 16.4#
70 8.5 7.4 11.2



#38
Carbon Tetrachloride
Concen: 44.419 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 117 Resp: 234965
Ion Ratio Lower Upper
117 100
119 96.3 73.4 110.2
121 32.5 23.9 35.9





#39

Methylcyclohexane

Concen: 45.706 ug/l

RT: 9.356 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

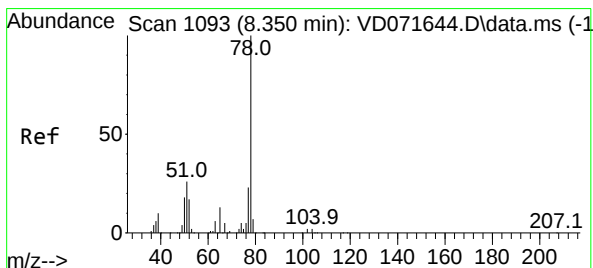
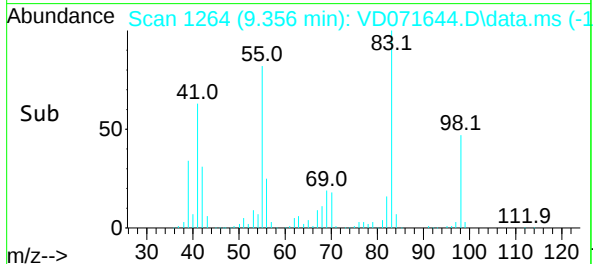
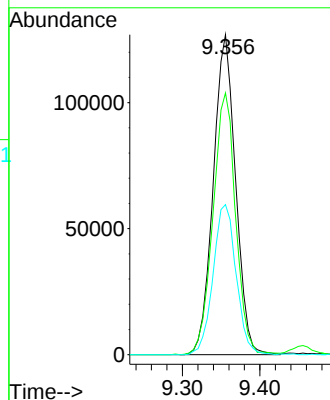
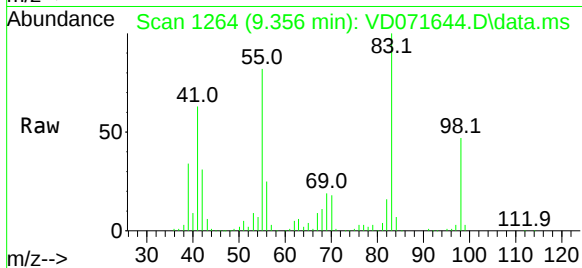
Tgt Ion: 83 Resp: 254221

Ion Ratio Lower Upper

83 100

55 81.8 70.1 105.1

98 46.9 39.2 58.8



#40

Benzene

Concen: 45.445 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD071644.D

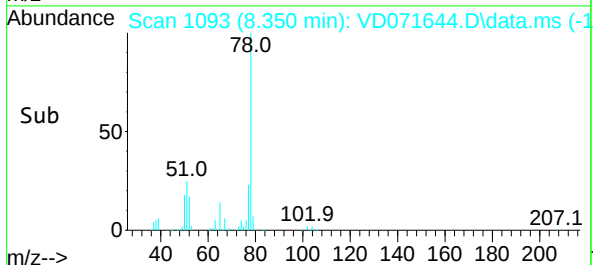
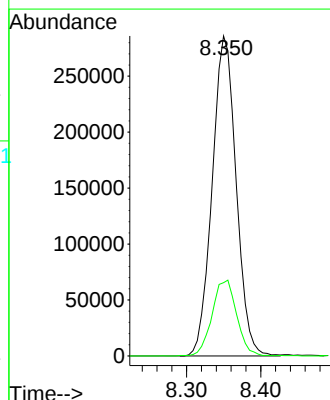
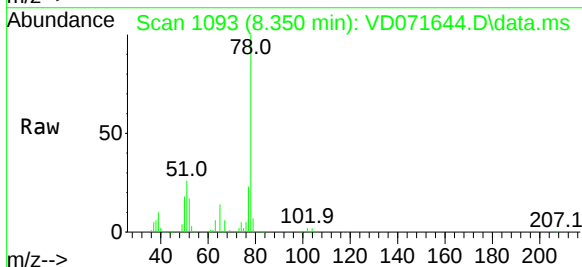
Acq: 07 Jan 2022 12:29

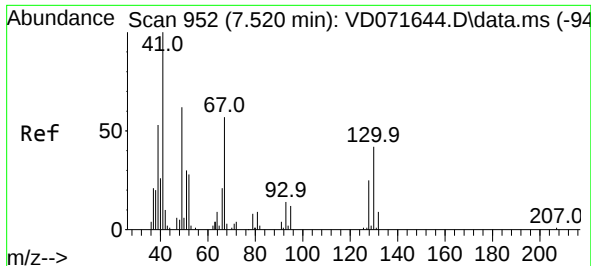
Tgt Ion: 78 Resp: 641713

Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.0

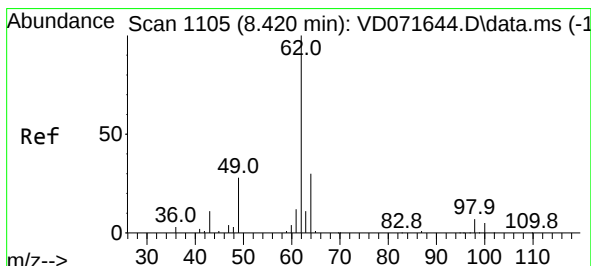
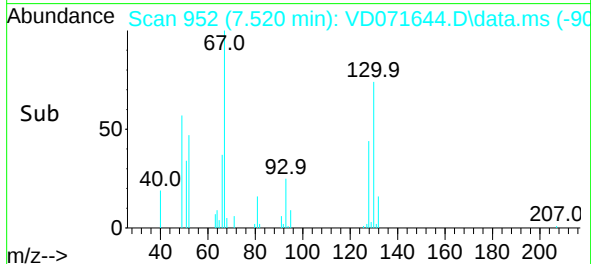
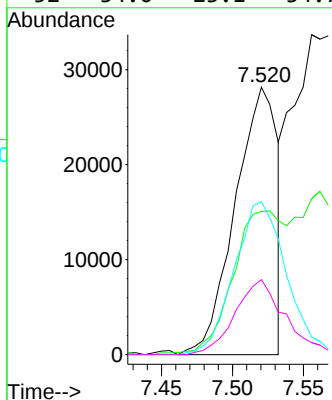
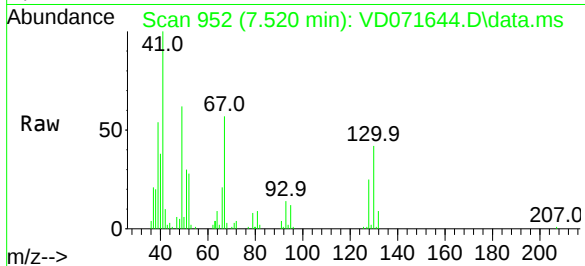




#41
Methacrylonitrile
Concen: 41.580 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

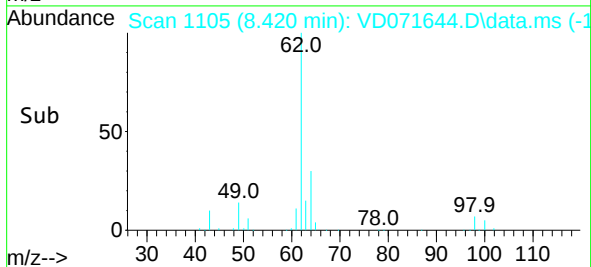
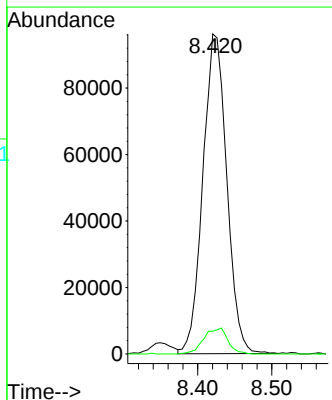
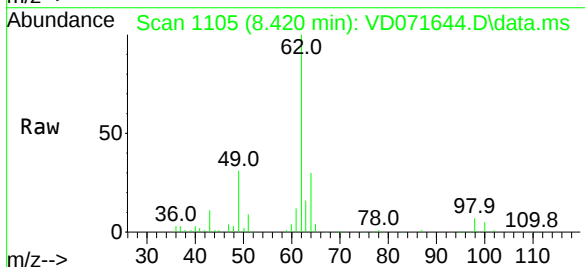
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

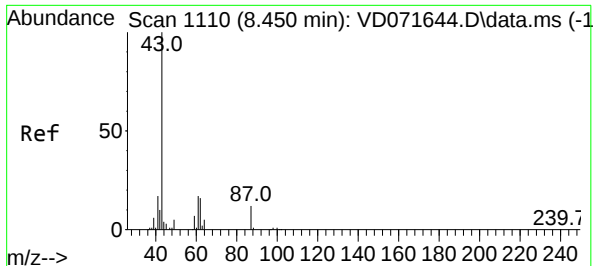
Tgt Ion:	41	Resp:	58191
Ion	Ratio	Lower	Upper
41	100		
39	66.9	46.9	70.3
67	70.8	49.3	73.9
52	34.0	23.1	34.7



#42
1,2-Dichloroethane
Concen: 46.069 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion:	62	Resp:	215357
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.4





#43

Isopropyl Acetate

Concen: 46.349 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

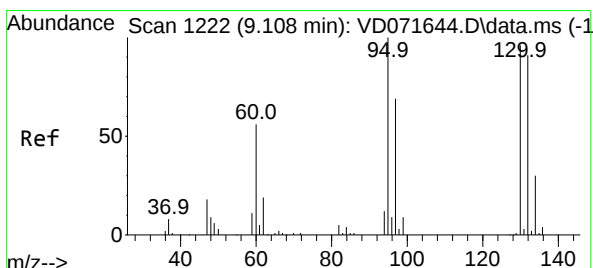
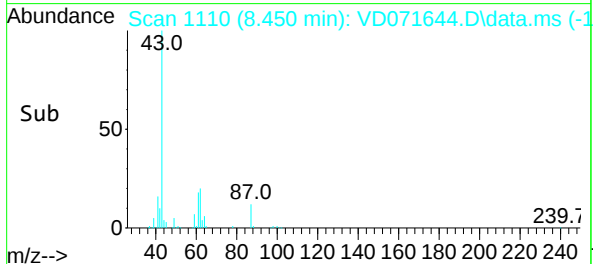
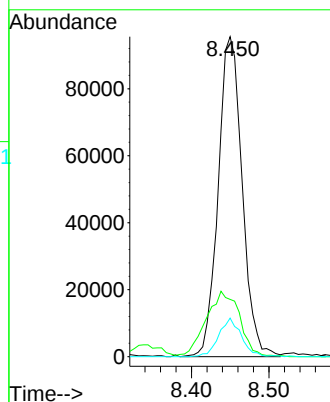
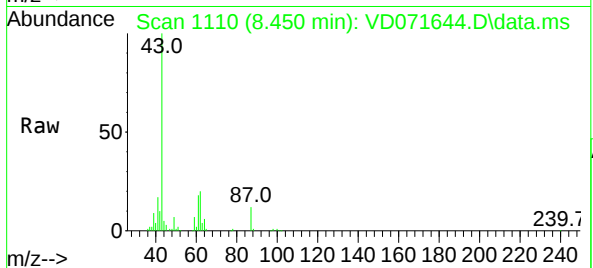
Tgt Ion: 43 Resp: 205721

Ion Ratio Lower Upper

43 100

61 28.6 21.9 32.9

87 11.4 8.9 13.3



#44

Trichloroethene

Concen: 45.363 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD071644.D

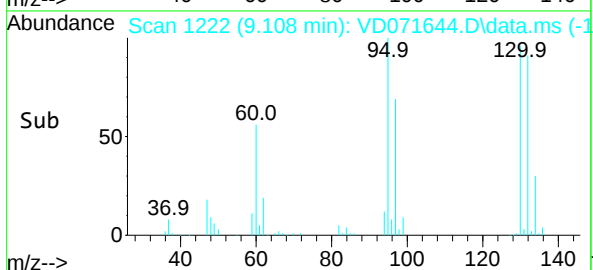
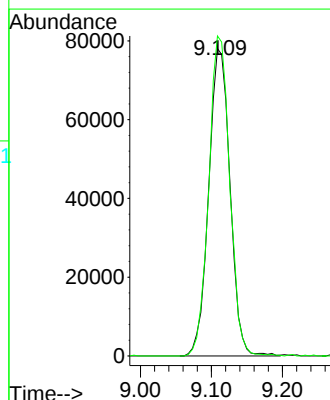
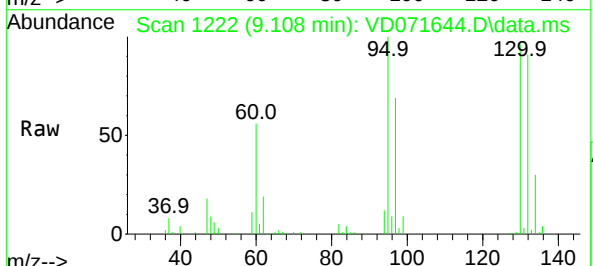
Acq: 07 Jan 2022 12:29

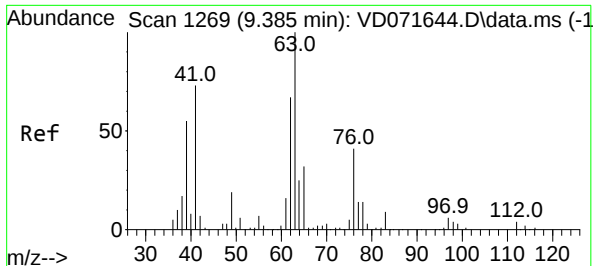
Tgt Ion:130 Resp: 162822

Ion Ratio Lower Upper

130 100

95 104.1 0.0 214.4





#45

1,2-Dichloropropane

Concen: 45.765 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

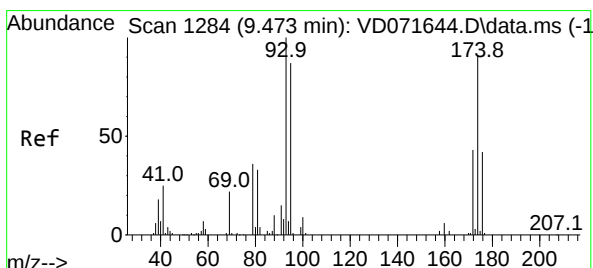
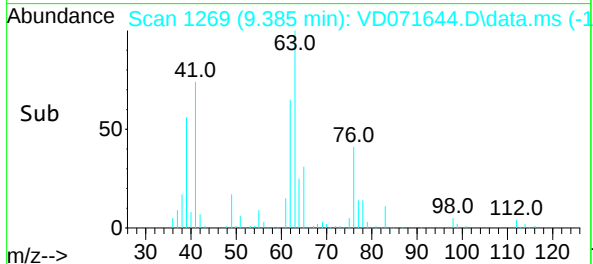
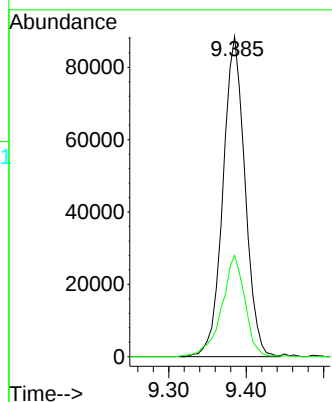
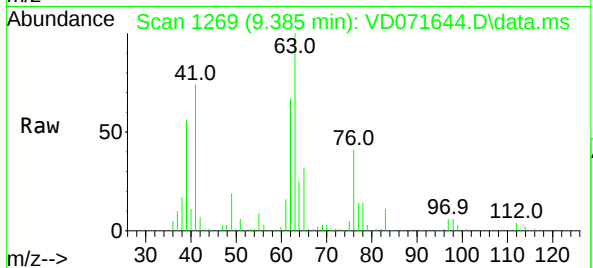
VSTDICCC050

Tgt Ion: 63 Resp: 174831

Ion Ratio Lower Upper

63 100

65 31.5 24.7 37.1



#46

Dibromomethane

Concen: 46.412 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

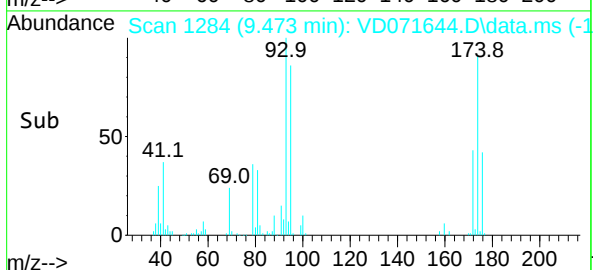
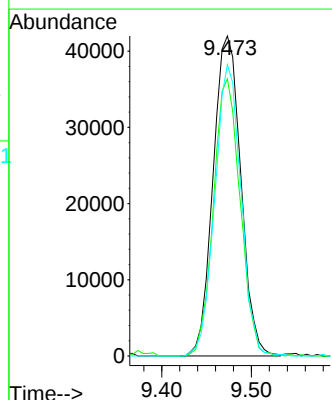
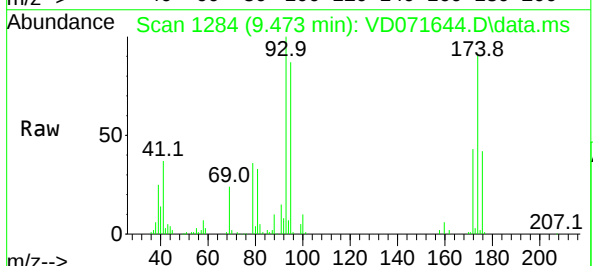
Tgt Ion: 93 Resp: 89941

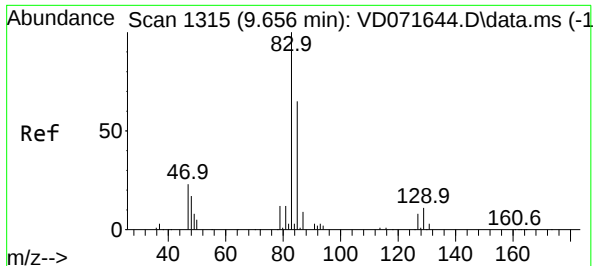
Ion Ratio Lower Upper

93 100

95 83.5 65.1 97.7

174 86.2 68.1 102.1





#47

Bromodichloromethane

Concen: 46.061 ug/l

RT: 9.656 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

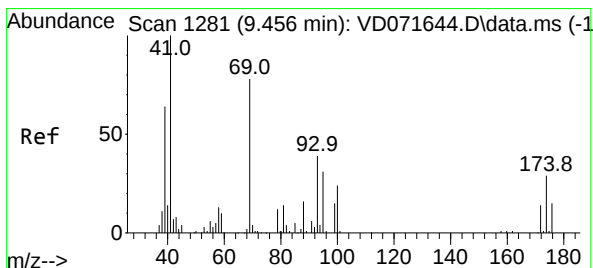
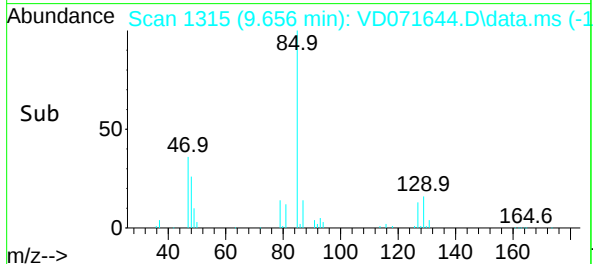
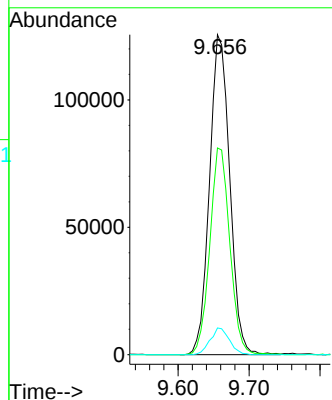
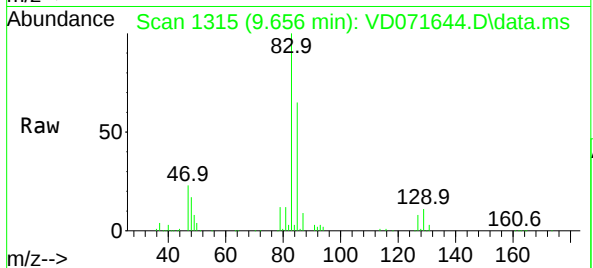
Tgt Ion: 83 Resp: 248097

Ion Ratio Lower Upper

83 100

85 64.6 50.6 75.8

127 8.4 6.1 9.1



#48

Methyl methacrylate

Concen: 42.842 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

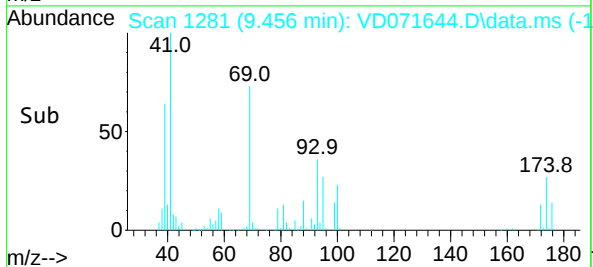
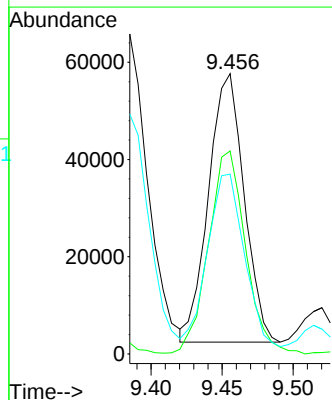
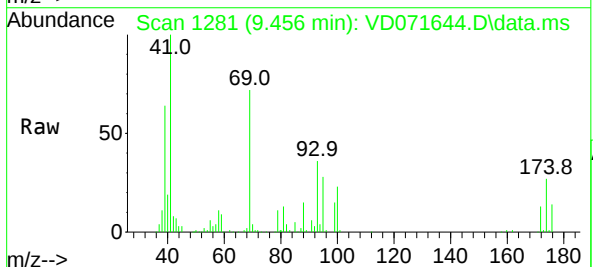
Tgt Ion: 41 Resp: 96024

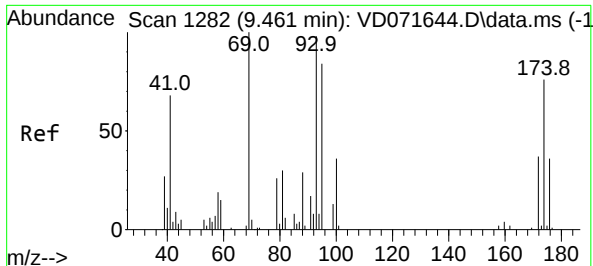
Ion Ratio Lower Upper

41 100

69 79.4 59.5 89.3

39 71.8 56.0 84.0





#49

1,4-Dioxane

Concen: 1008.172 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

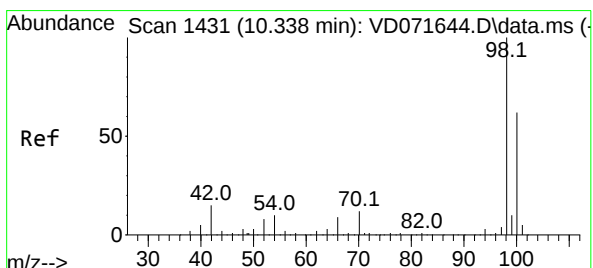
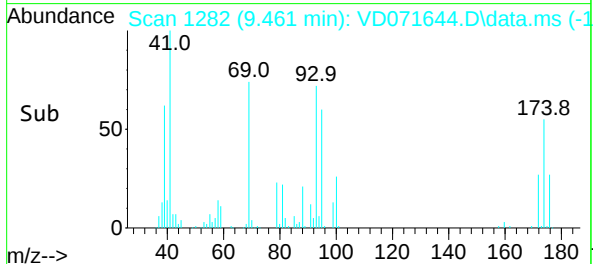
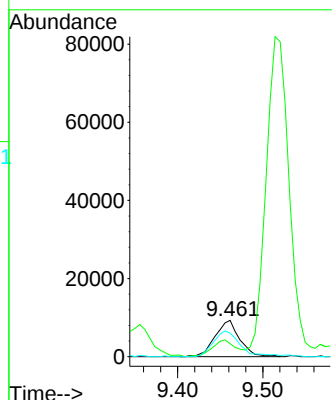
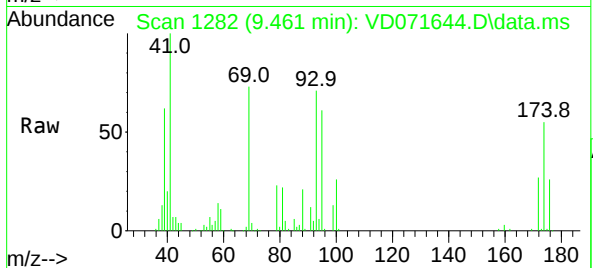
Tgt Ion: 88 Resp: 18658

Ion Ratio Lower Upper

88 100

43 45.5 34.6 52.0

58 79.0 62.0 93.0



#50

Toluene-d8

Concen: 53.306 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD071644.D

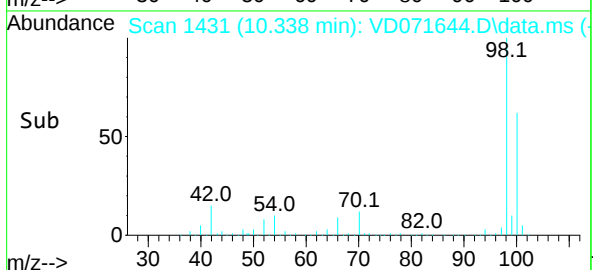
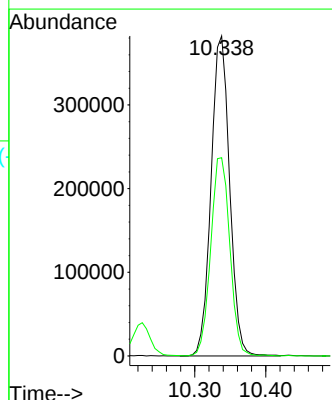
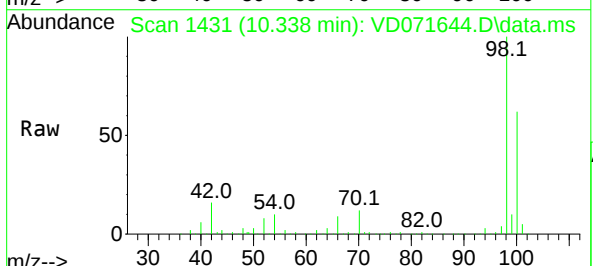
Acq: 07 Jan 2022 12:29

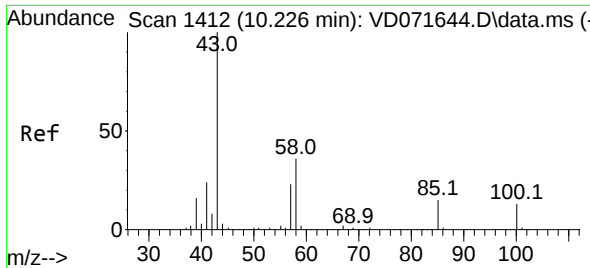
Tgt Ion: 98 Resp: 693365

Ion Ratio Lower Upper

98 100

100 63.6 52.1 78.1

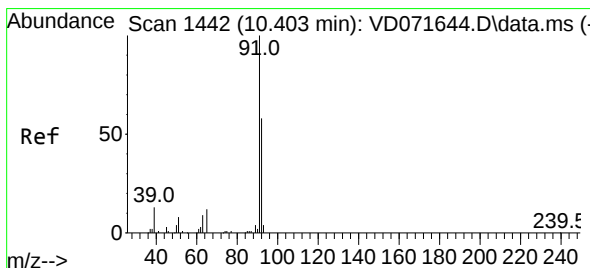
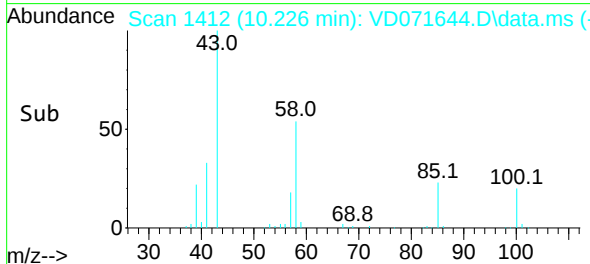
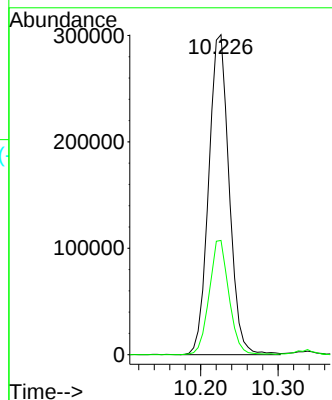
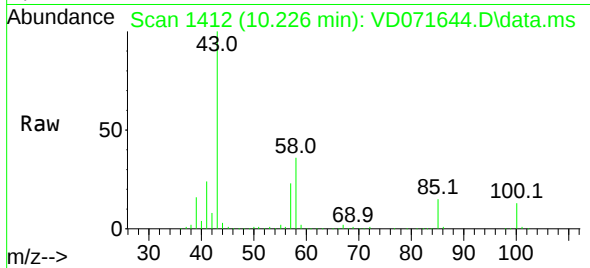




#51
4-Methyl-2-Pentanone
Concen: 237.385 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

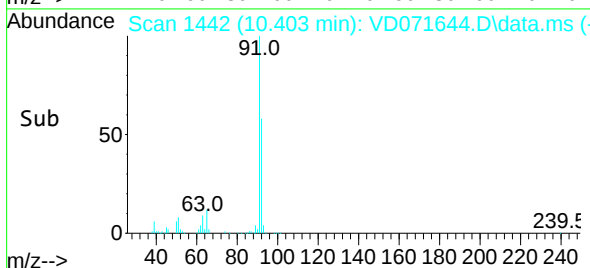
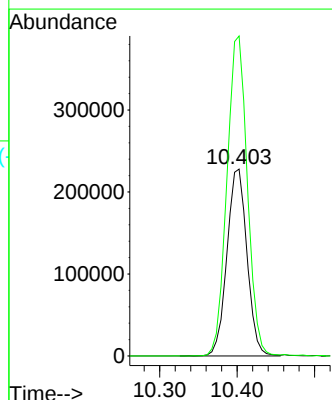
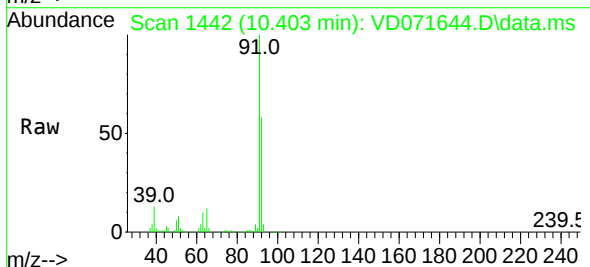
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

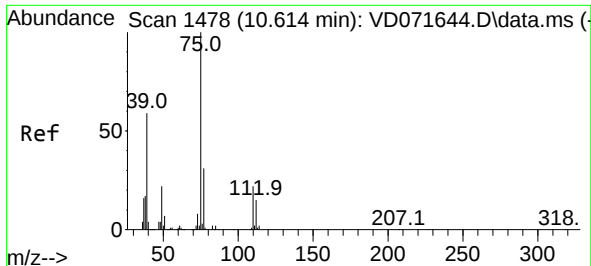
Tgt Ion: 43 Resp: 551645
Ion Ratio Lower Upper
43 100
58 34.5 28.2 42.2



#52
Toluene
Concen: 45.531 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 92 Resp: 410973
Ion Ratio Lower Upper
92 100
91 174.6 137.3 205.9

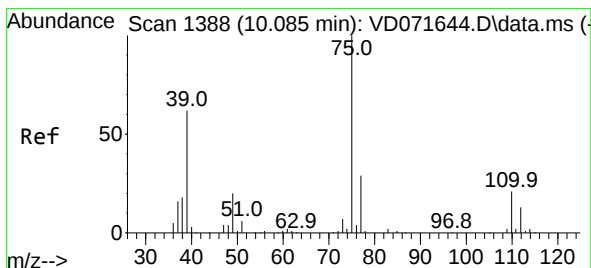
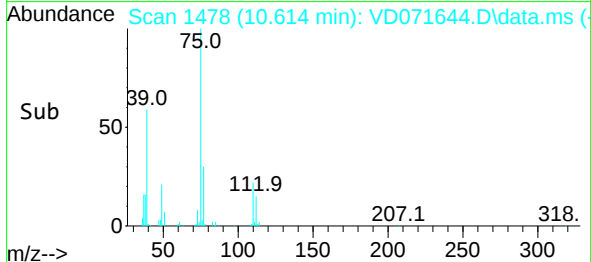
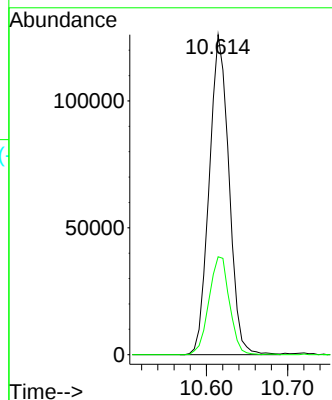
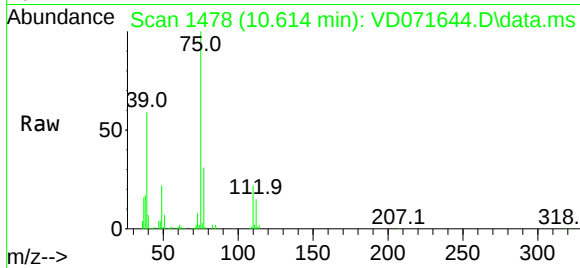




#53
 t-1,3-Dichloropropene
 Concen: 45.304 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

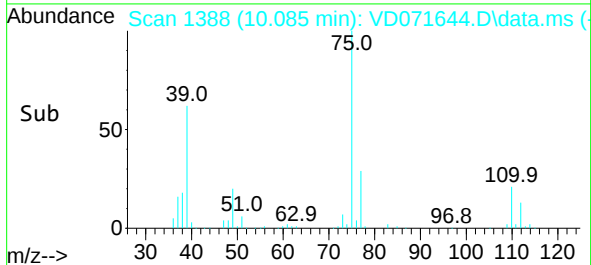
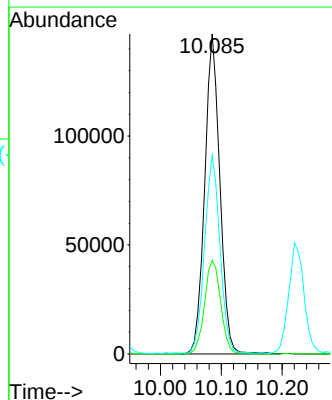
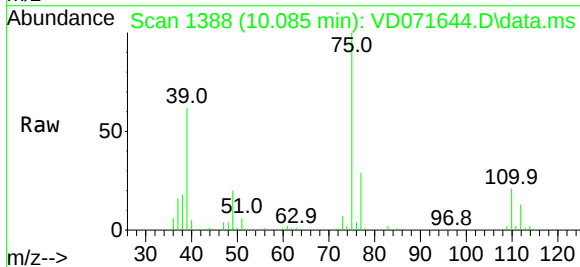
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

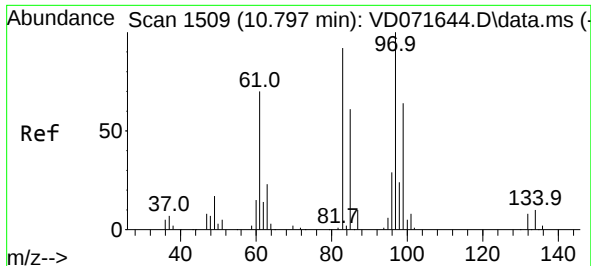
Tgt Ion: 75 Resp: 212904
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.2 36.2



#54
 cis-1,3-Dichloropropene
 Concen: 46.093 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

Tgt Ion: 75 Resp: 254244
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.0 37.6
 39 61.9 49.8 74.8



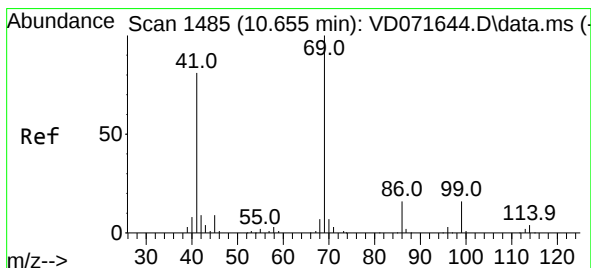
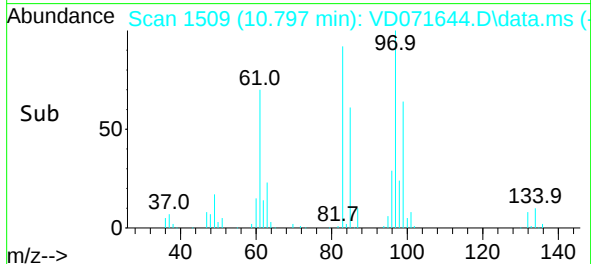
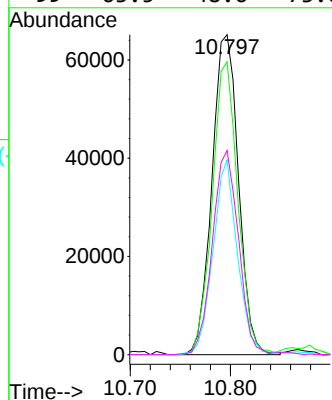
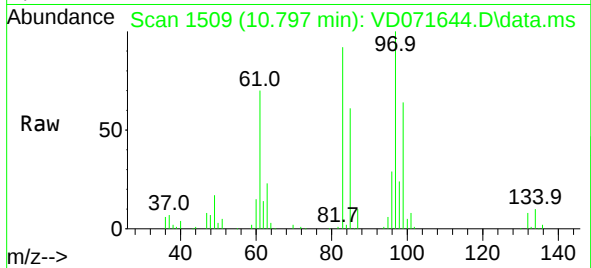


#55
1,1,2-Trichloroethane
Concen: 45.749 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 119703

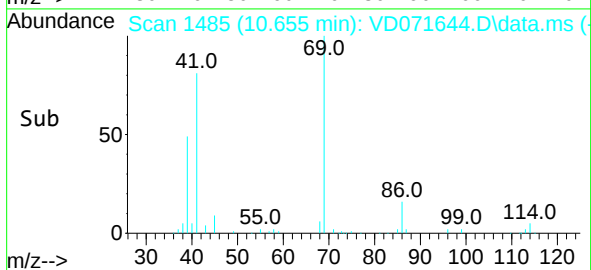
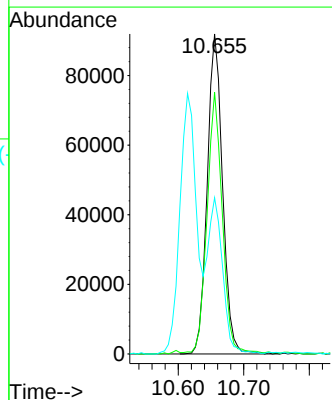
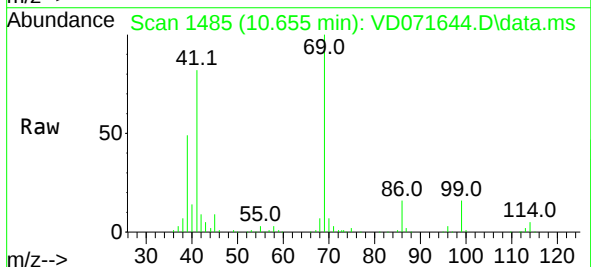
Ion	Ratio	Lower	Upper
97	100		
83	91.5	68.1	102.1
85	60.8	46.8	70.2
99	63.5	48.6	73.0

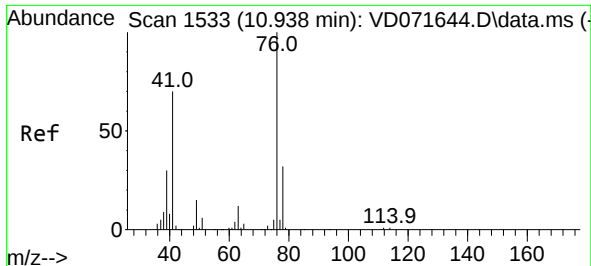


#56
Ethyl methacrylate
Concen: 46.674 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 69 Resp: 149608

Ion	Ratio	Lower	Upper
69	100		
41	79.8	65.8	98.6
39	46.6	38.7	58.1





#57

1,3-Dichloropropane

Concen: 46.331 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

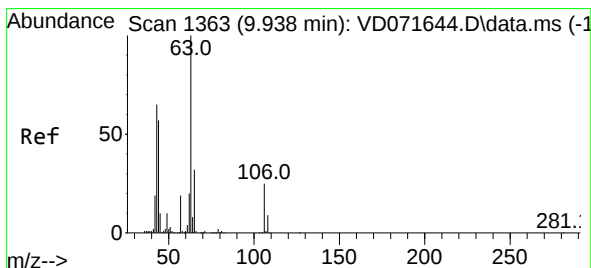
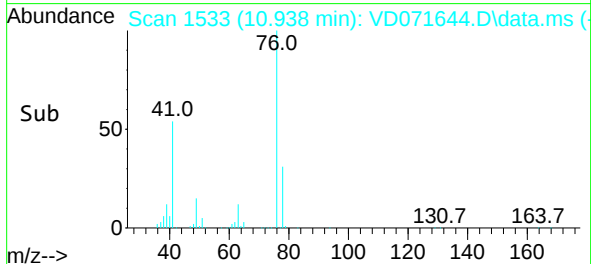
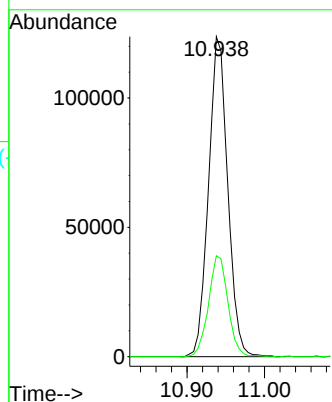
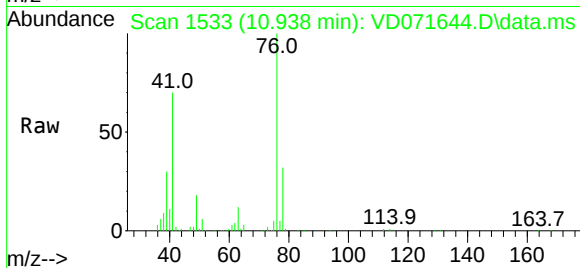
VSTDICCC050

Tgt Ion: 76 Resp: 212689

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 243.601 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD071644.D

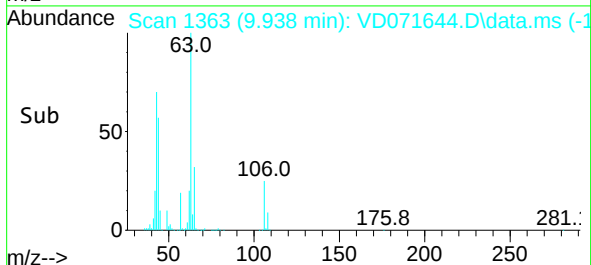
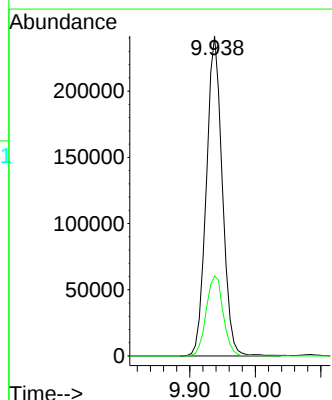
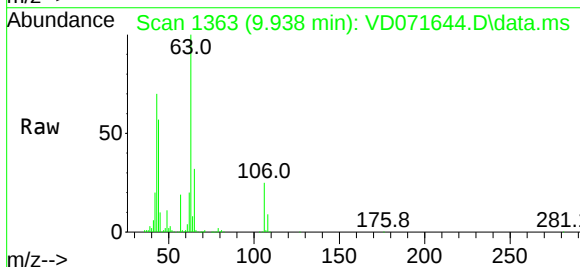
Acq: 07 Jan 2022 12:29

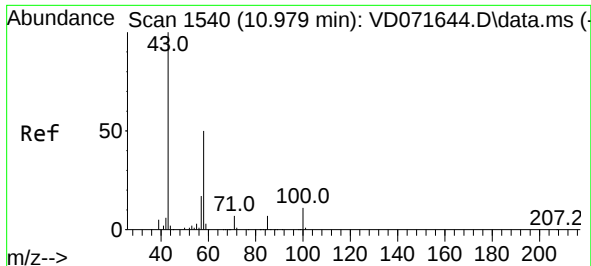
Tgt Ion: 63 Resp: 408450

Ion Ratio Lower Upper

63 100

106 26.8 20.7 31.1

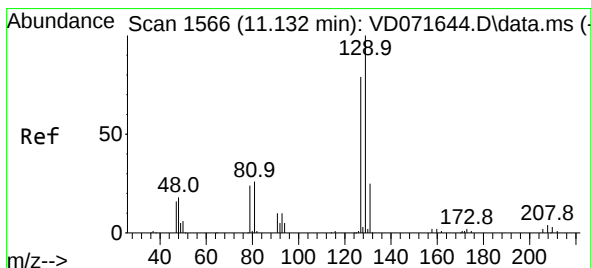
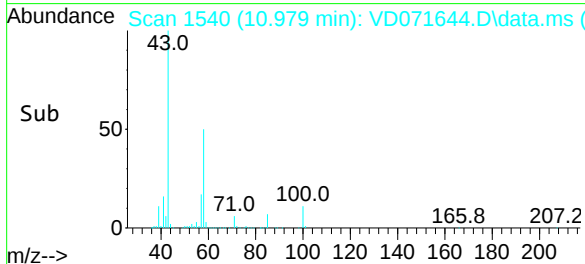
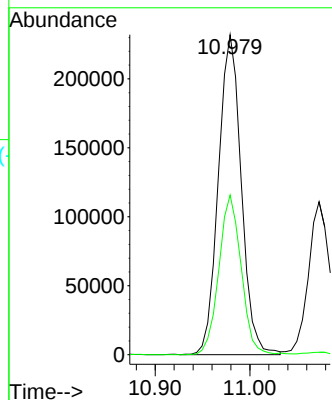
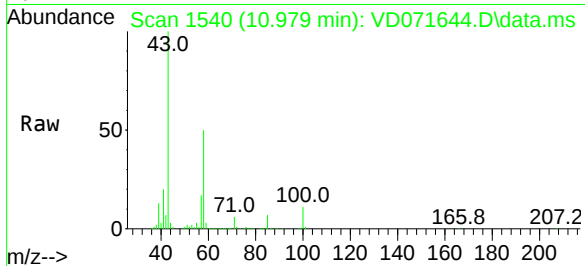




#59
2-Hexanone
Concen: 238.307 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

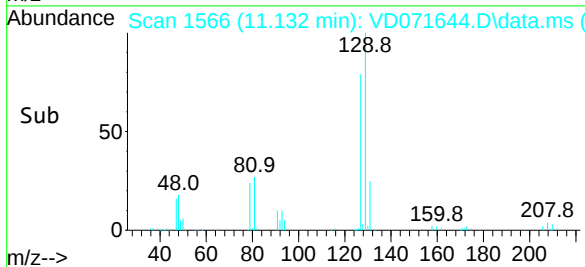
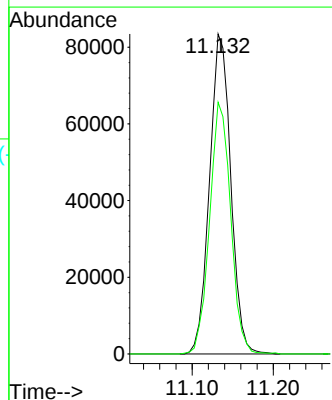
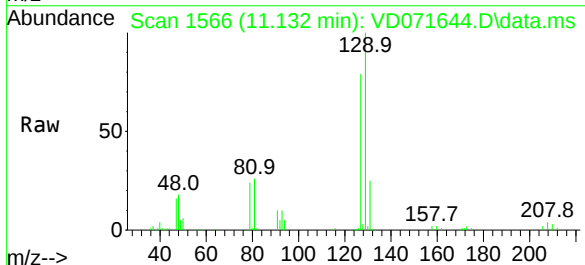
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

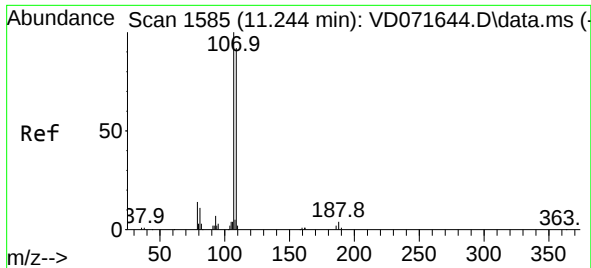
Tgt Ion: 43 Resp: 390123
Ion Ratio Lower Upper
43 100
58 48.5 24.3 72.8



#60
Dibromochloromethane
Concen: 45.990 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 129 Resp: 151582
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3

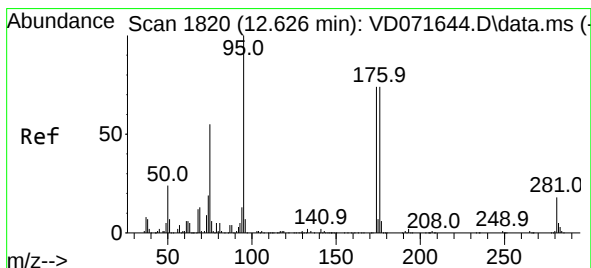
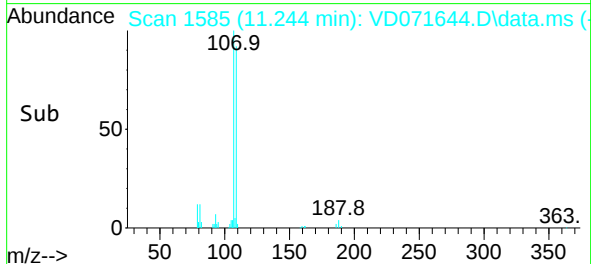
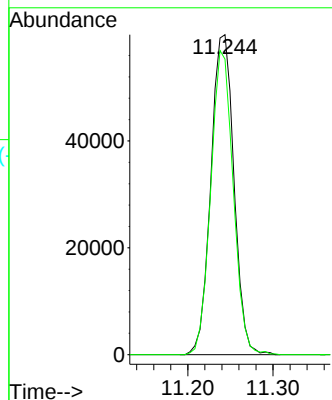
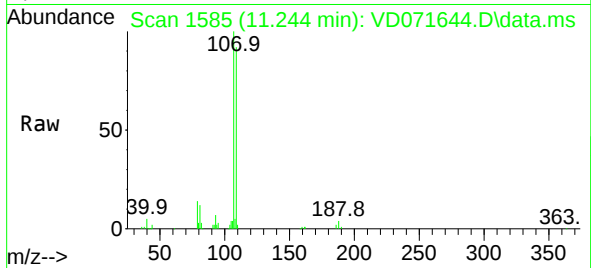




#61
1,2-Dibromoethane
Concen: 46.873 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

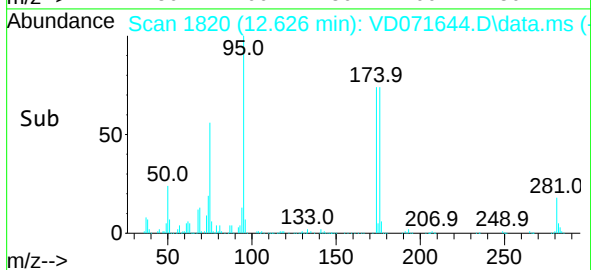
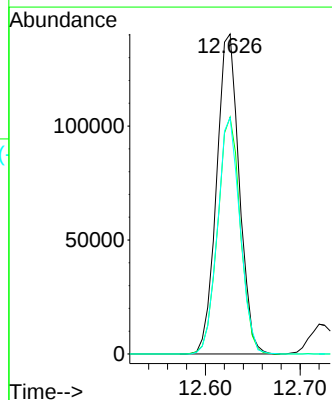
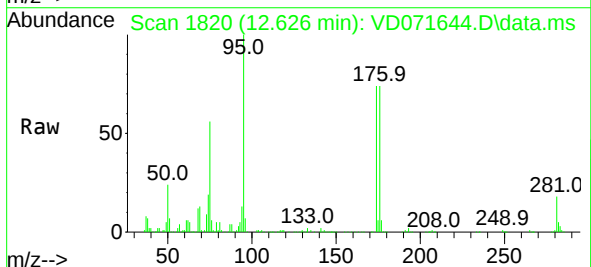
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

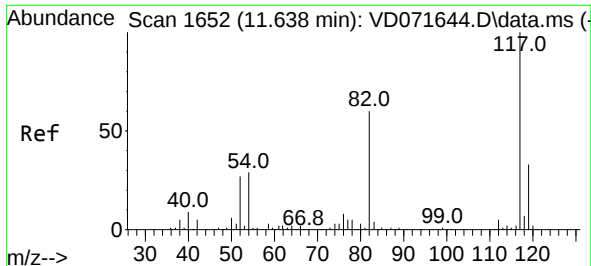
Tgt Ion:107 Resp: 112750
Ion Ratio Lower Upper
107 100
109 92.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.916 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 95 Resp: 233316
Ion Ratio Lower Upper
95 100
174 73.8 0.0 150.0
176 73.2 0.0 146.4

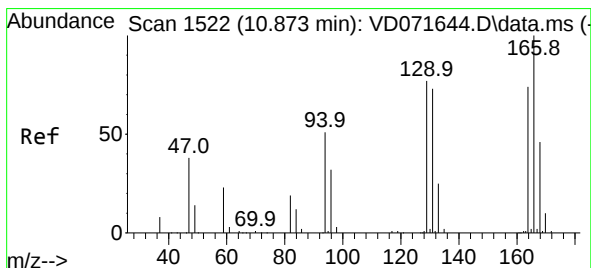
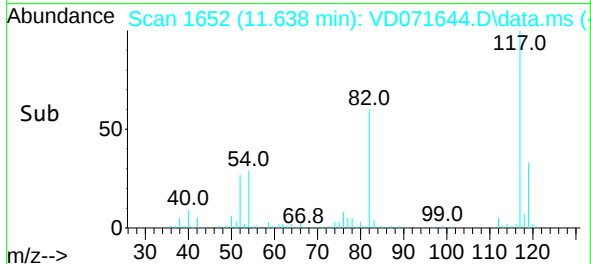
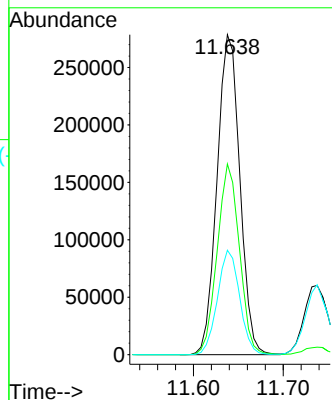
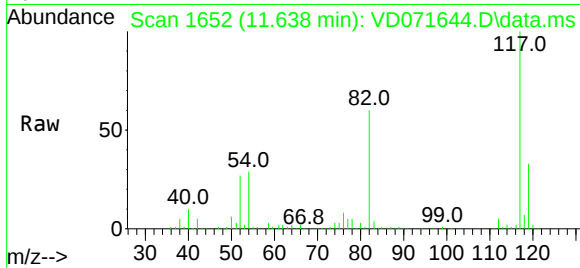




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

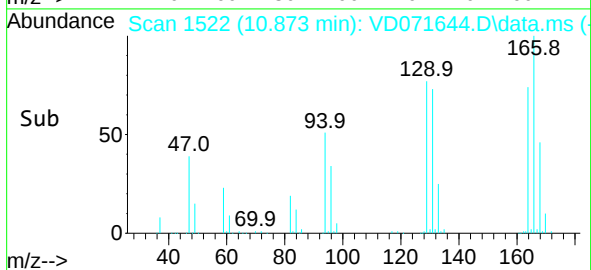
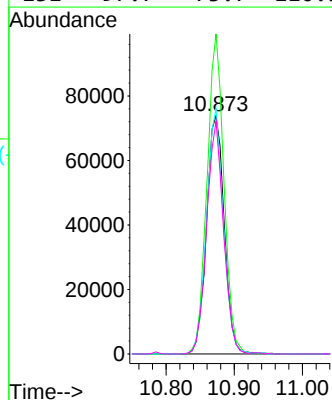
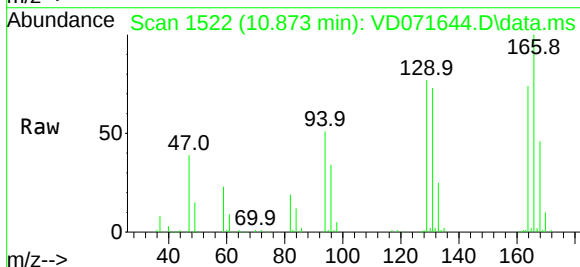
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

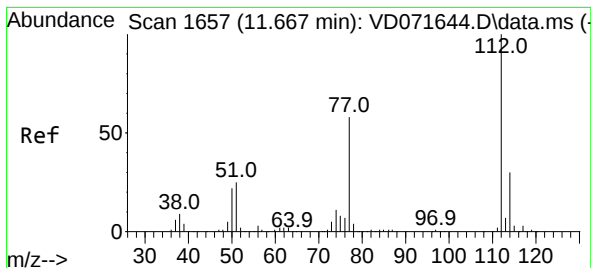
Tgt Ion:117 Resp: 491569
Ion Ratio Lower Upper
117 100
82 59.6 46.9 70.3
119 32.7 26.6 39.8



#64
Tetrachloroethene
Concen: 43.876 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion:164 Resp: 133445
Ion Ratio Lower Upper
164 100
166 134.3 100.2 150.2
129 103.0 82.0 123.0
131 97.7 73.7 110.5

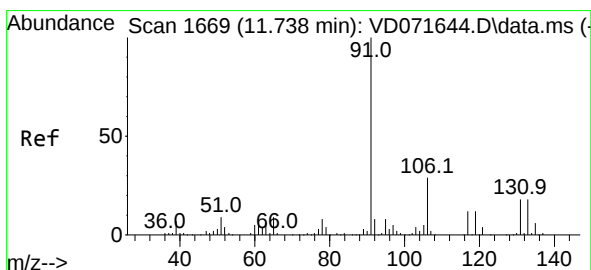
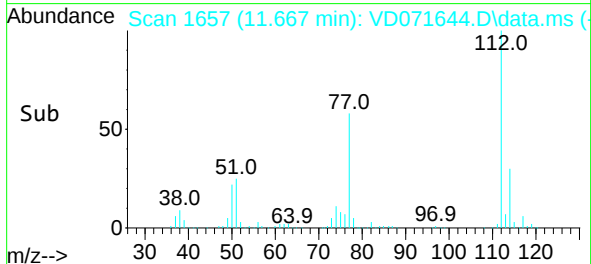
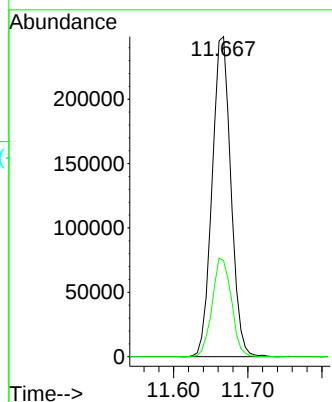
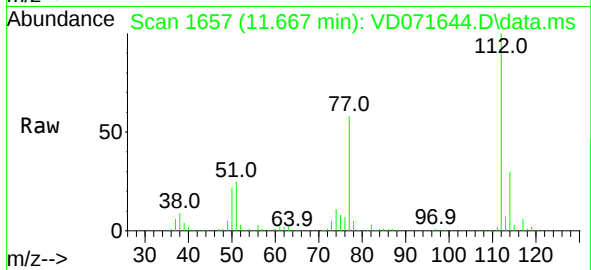




#65
Chlorobenzene
Concen: 45.543 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

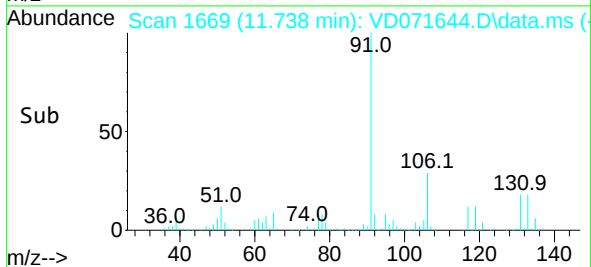
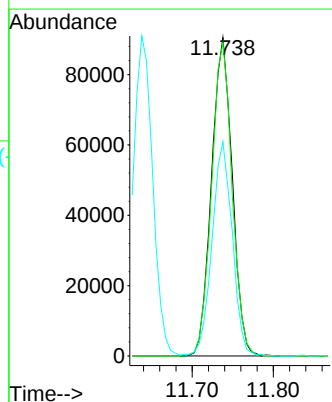
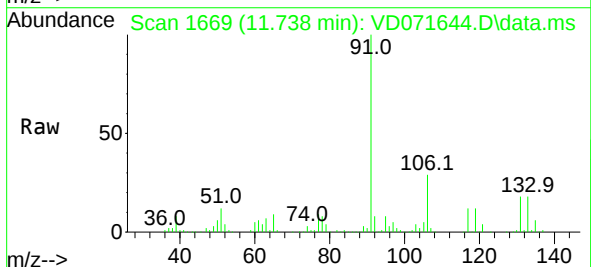
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

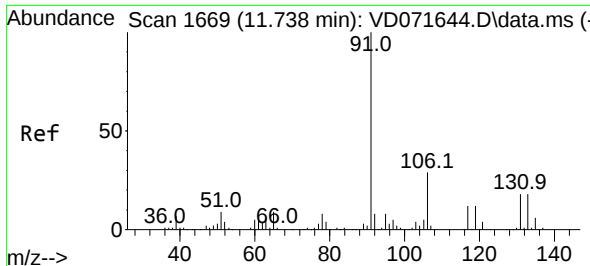
Tgt Ion:112 Resp: 436865
Ion Ratio Lower Upper
112 100
114 30.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 45.220 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion:131 Resp: 160393
Ion Ratio Lower Upper
131 100
133 97.3 48.1 144.3
119 65.7 33.8 101.4

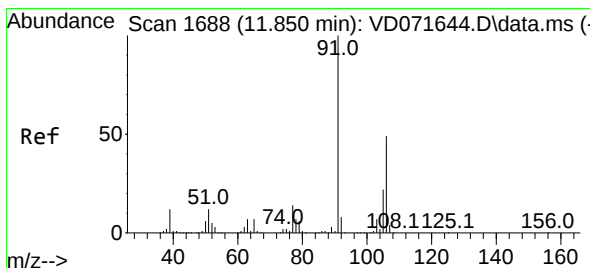
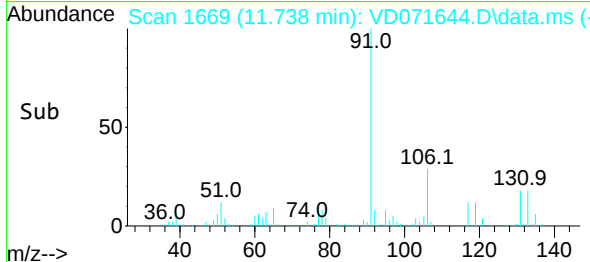
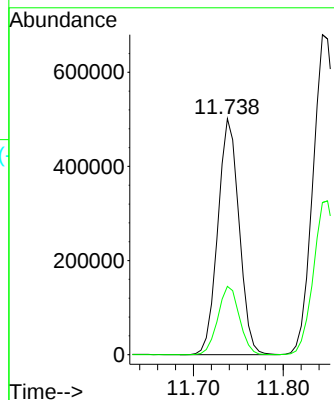
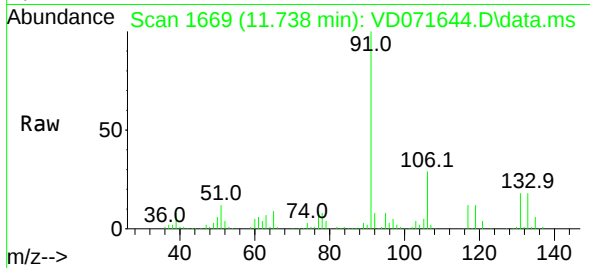




#67
Ethyl Benzene
Concen: 46.052 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

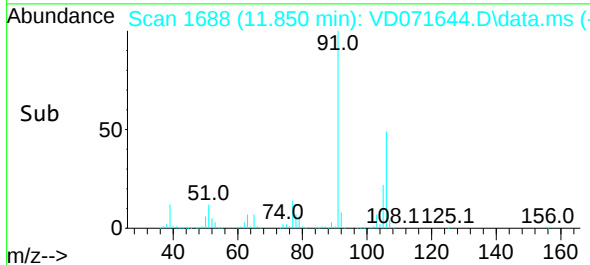
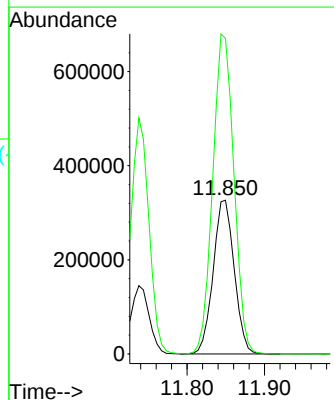
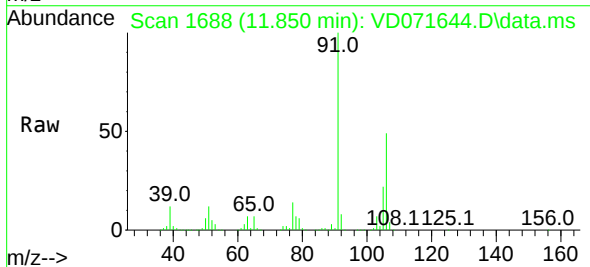
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

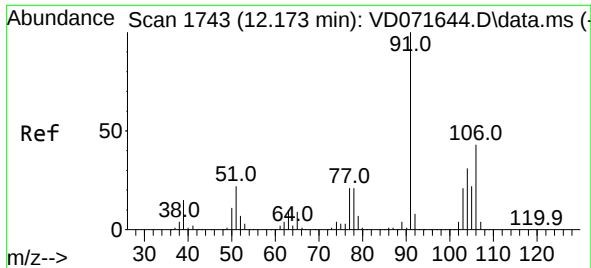
Tgt Ion: 91 Resp: 825332
Ion Ratio Lower Upper
91 100
106 29.0 23.6 35.4



#68
m/p-Xylenes
Concen: 92.320 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 106 Resp: 616751
Ion Ratio Lower Upper
106 100
91 209.2 168.6 252.8

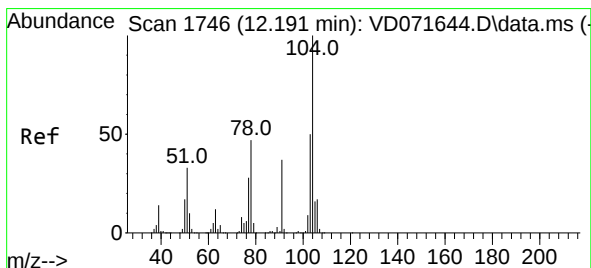
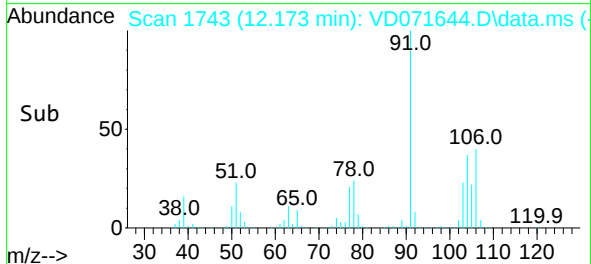
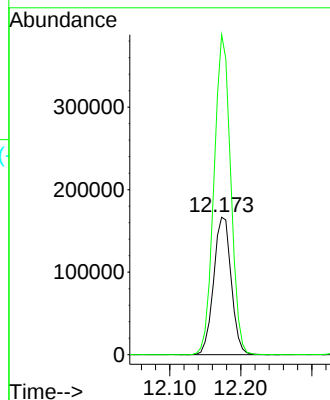
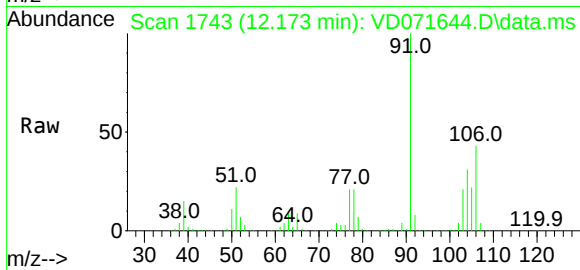




#69
o-Xylene
Concen: 45.509 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

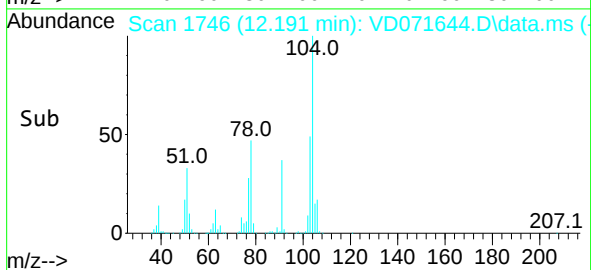
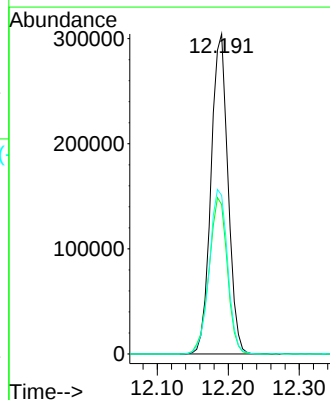
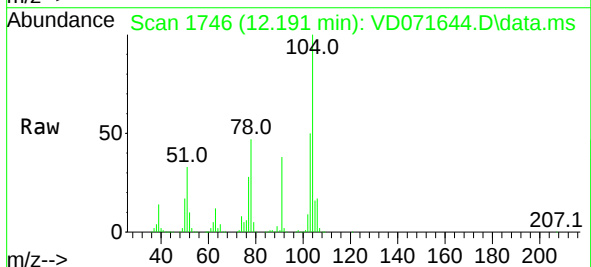
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

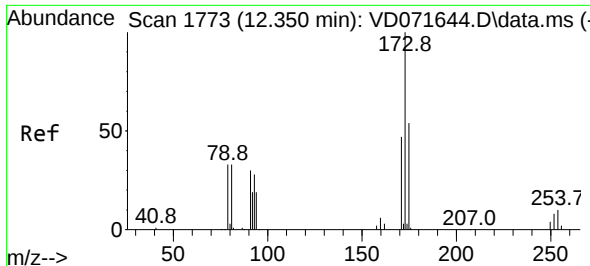
Tgt Ion:106 Resp: 285284
Ion Ratio Lower Upper
106 100
91 221.7 110.9 332.9



#70
Styrene
Concen: 46.834 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion:104 Resp: 505423
Ion Ratio Lower Upper
104 100
78 52.6 42.8 64.2
103 55.4 43.6 65.4

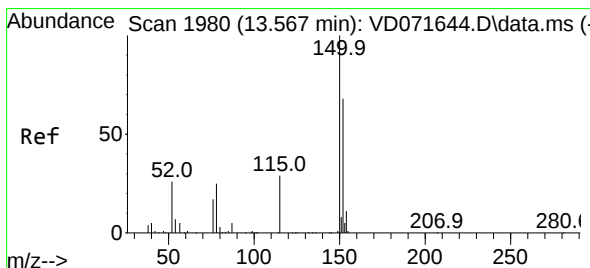
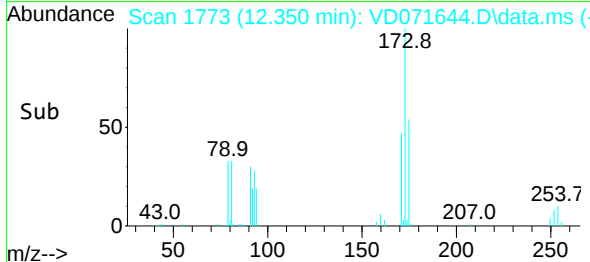
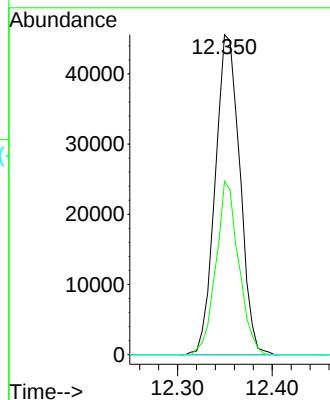
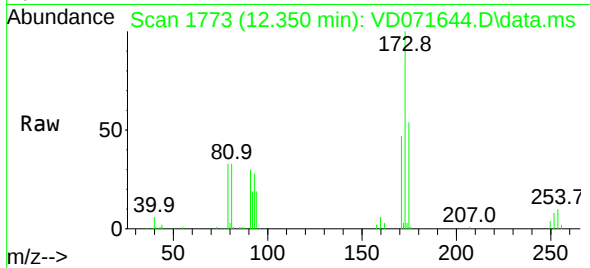




#71
Bromoform
Concen: 45.200 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

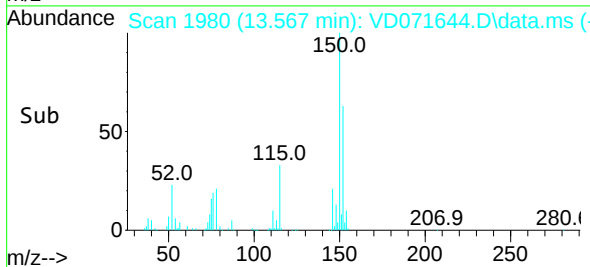
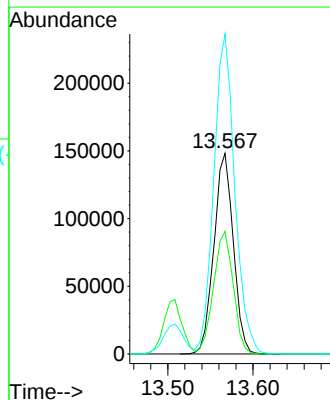
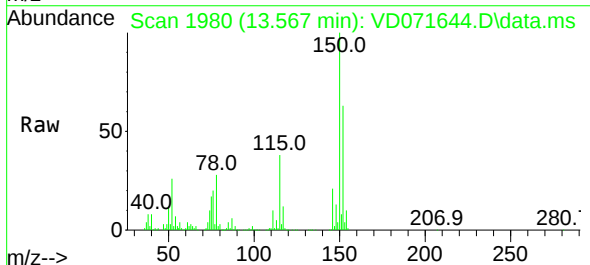
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

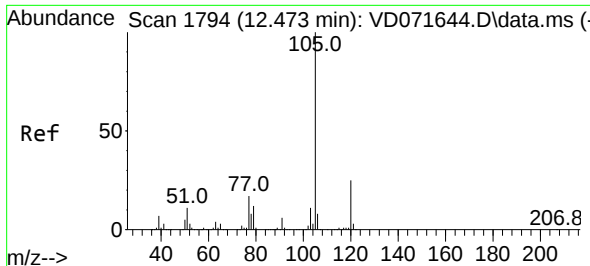
Tgt Ion:173 Resp: 82470
Ion Ratio Lower Upper
173 100
175 50.1 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion:152 Resp: 234845
Ion Ratio Lower Upper
152 100
115 61.9 31.5 94.5
150 172.4 0.0 348.0

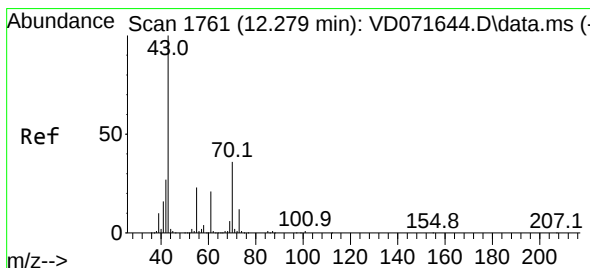
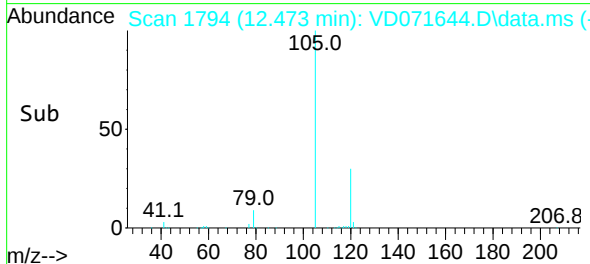
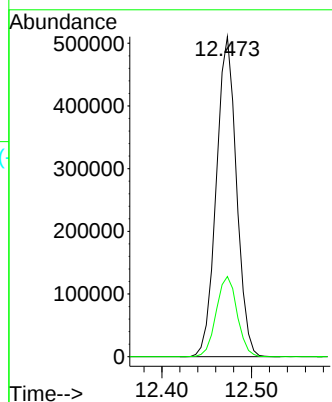
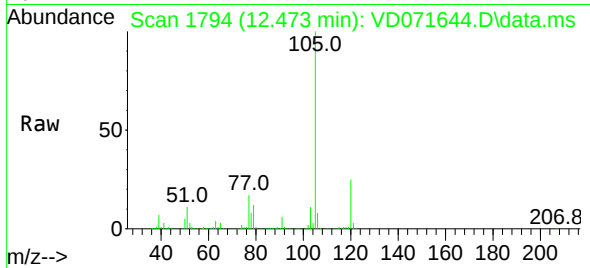




#73
Isopropylbenzene
Concen: 45.082 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

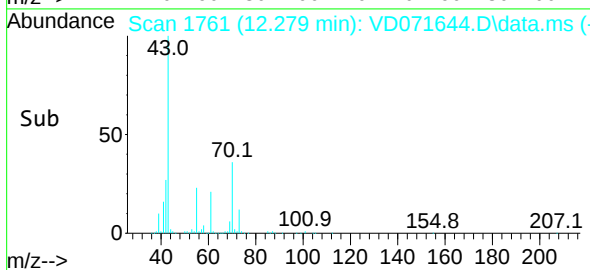
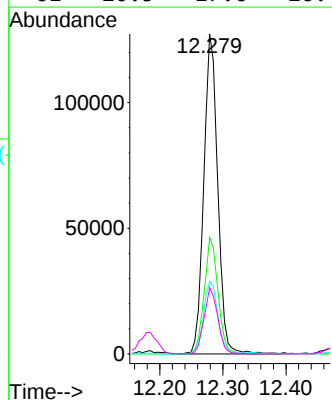
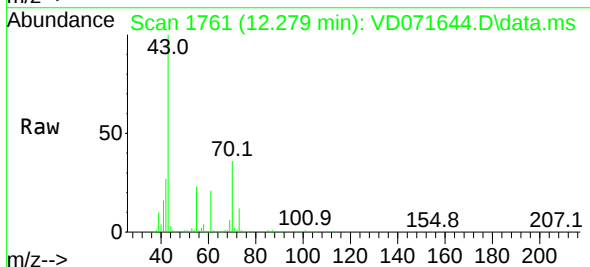
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

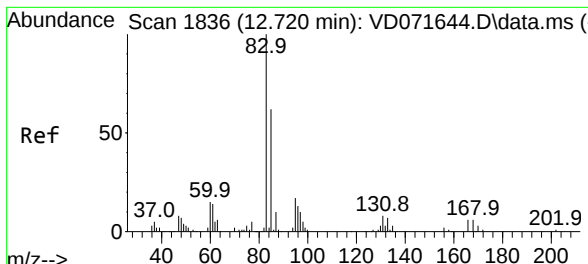
Tgt Ion:105 Resp: 796884
Ion Ratio Lower Upper
105 100
120 25.9 12.5 37.5



#74
N-ethyl acetate
Concen: 45.617 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 43 Resp: 194811
Ion Ratio Lower Upper
43 100
70 36.1 29.5 44.3
55 23.3 19.1 28.7
61 20.5 17.6 26.4

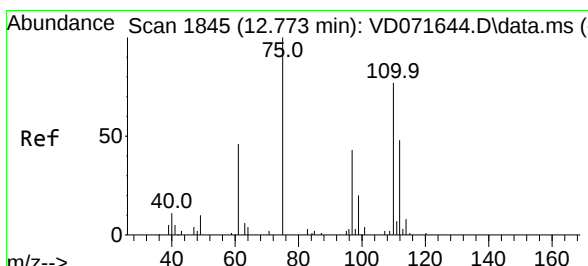
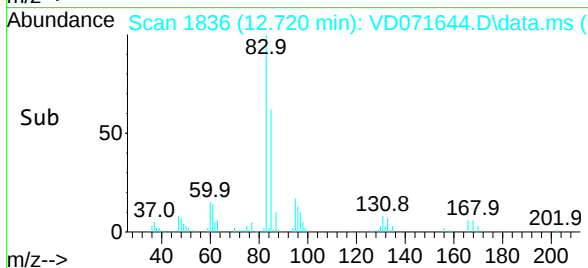
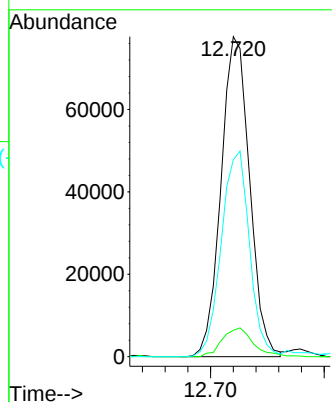
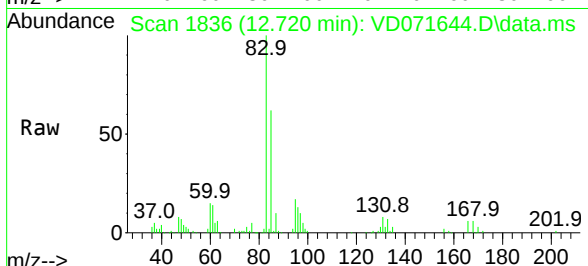




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.173 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

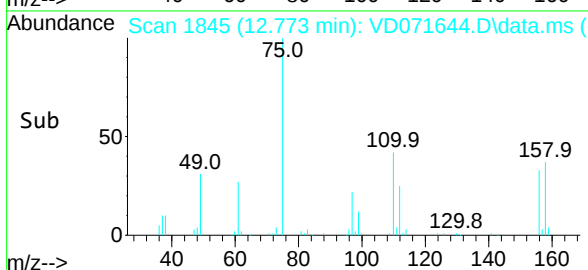
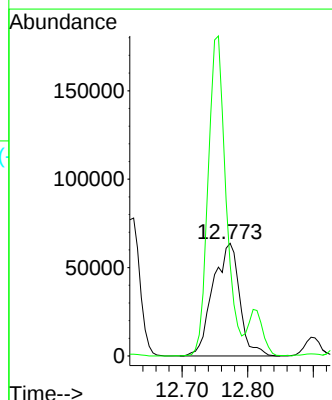
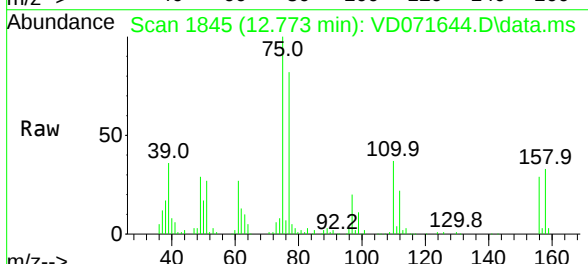
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

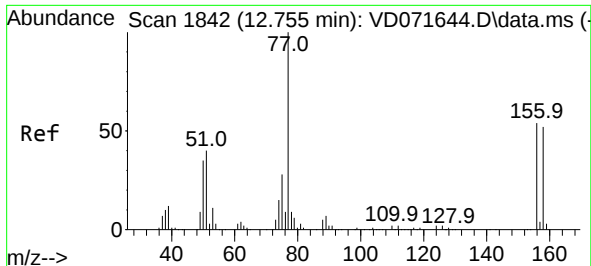
Tgt Ion:	83	Resp:	135522
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	63.4	32.2	96.6



#76
 1,2,3-Trichloropropane
 Concen: 79.938 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

Tgt Ion:	75	Resp:	179460
Ion Ratio	Lower	Upper	
75	100		
77	191.0	0.0	0.0#

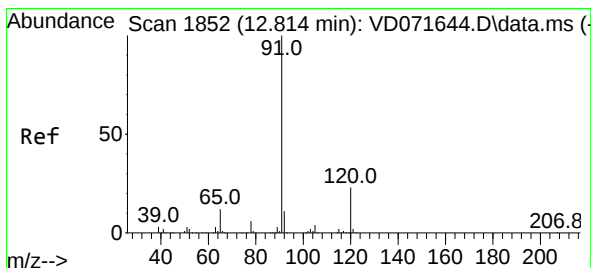
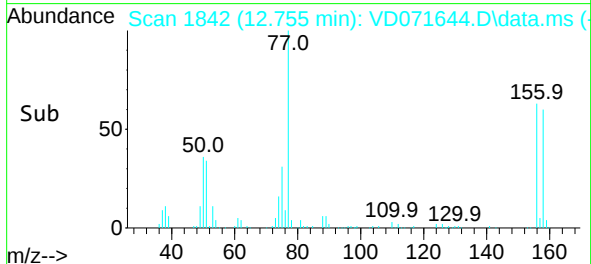
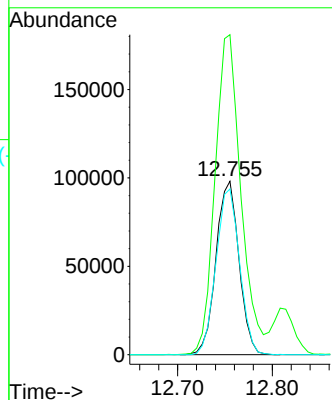
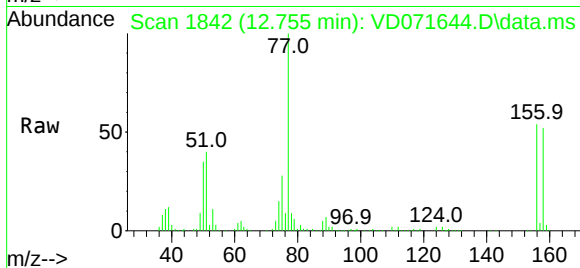




#77
Bromobenzene
Concen: 43.937 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

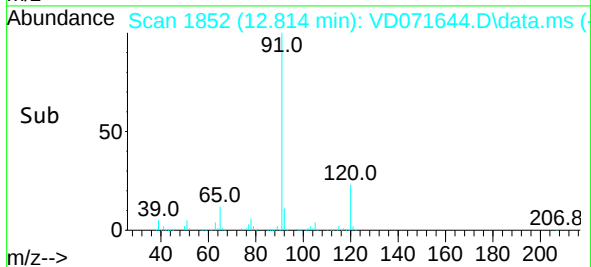
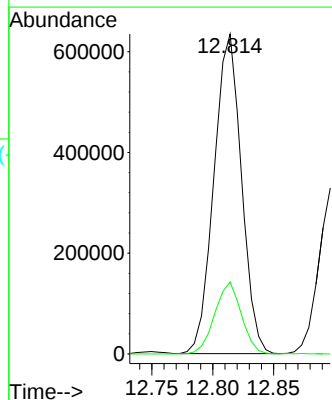
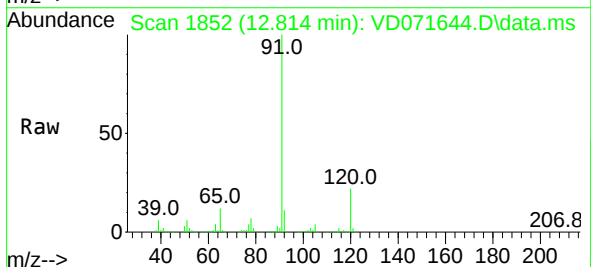
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

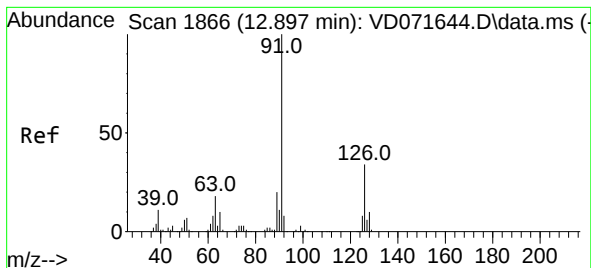
Tgt Ion:156 Resp: 165753
Ion Ratio Lower Upper
156 100
77 206.8 101.4 304.2
158 97.9 46.8 140.3



#78
n-propylbenzene
Concen: 44.766 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 91 Resp: 996606
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7





#79

2-Chlorotoluene

Concen: 44.288 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

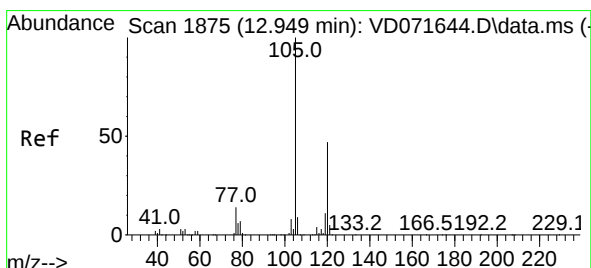
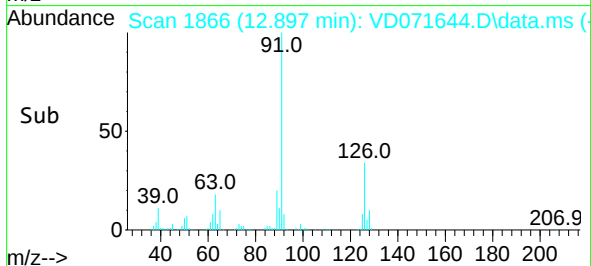
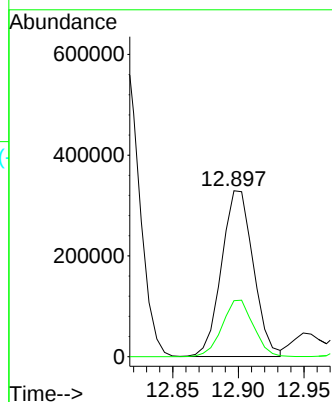
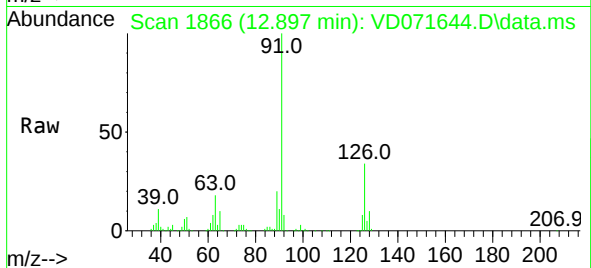
VSTDICCC050

Tgt Ion: 91 Resp: 555333

Ion Ratio Lower Upper

91 100

126 33.5 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 45.532 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD071644.D

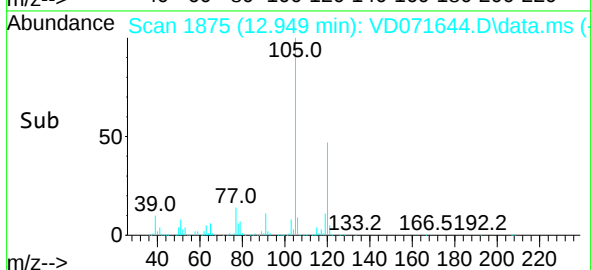
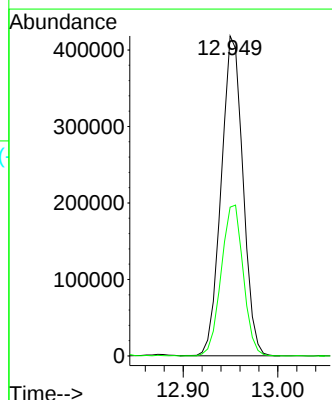
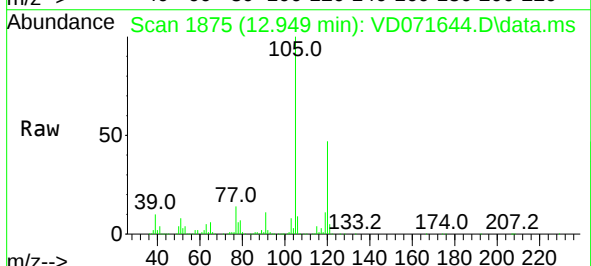
Acq: 07 Jan 2022 12:29

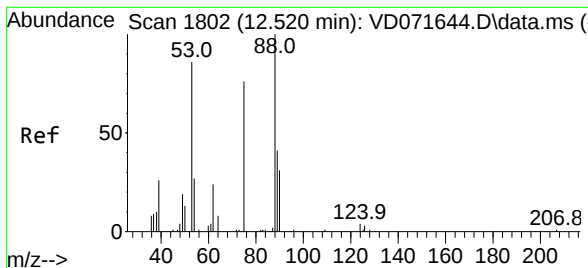
Tgt Ion: 105 Resp: 667297

Ion Ratio Lower Upper

105 100

120 48.0 24.2 72.6

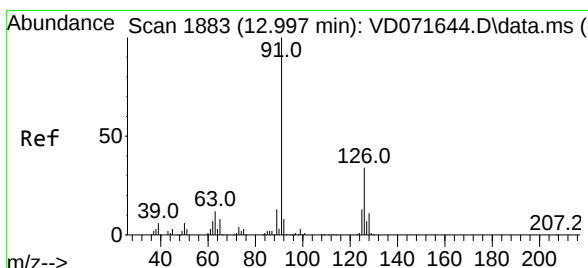
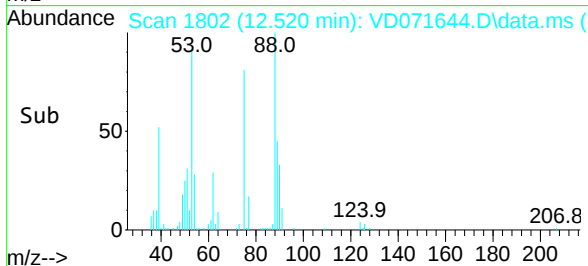
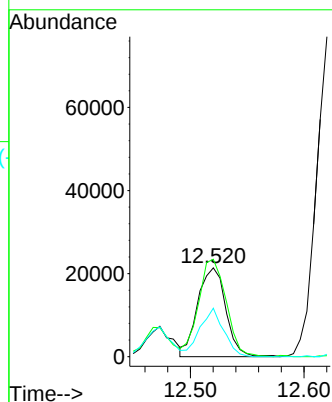
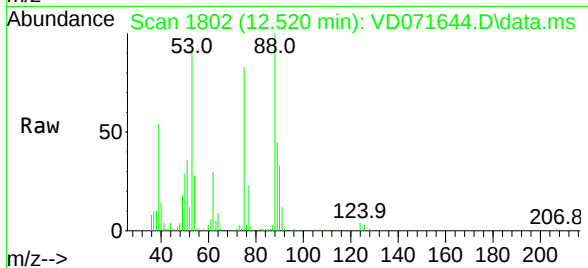




#81
trans-1,4-Dichloro-2-butene
Concen: 44.477 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

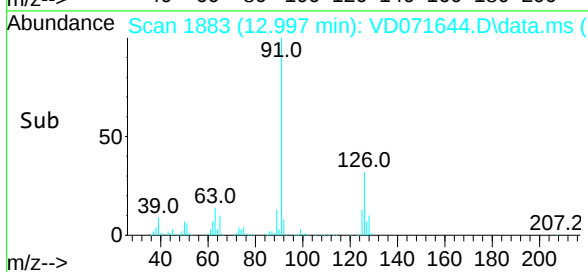
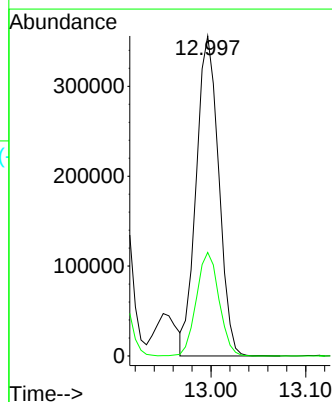
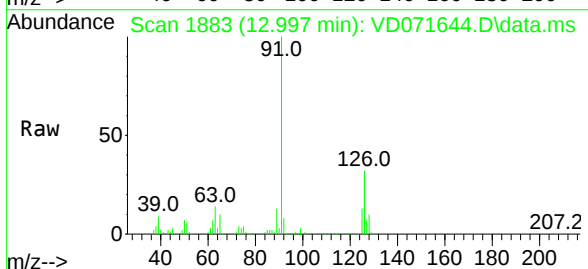
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

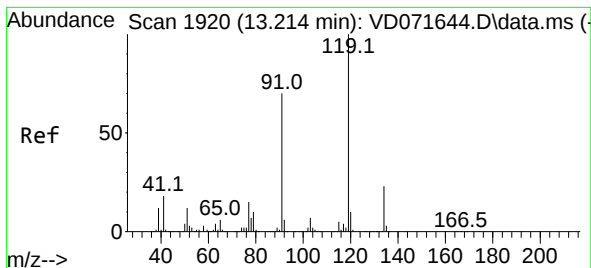
Tgt Ion: 75 Resp: 36768
Ion Ratio Lower Upper
75 100
53 108.3 95.4 143.0
89 46.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 44.453 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071644.D
Acq: 07 Jan 2022 12:29

Tgt Ion: 91 Resp: 586084
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3

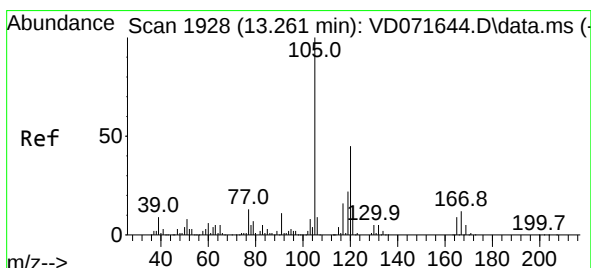
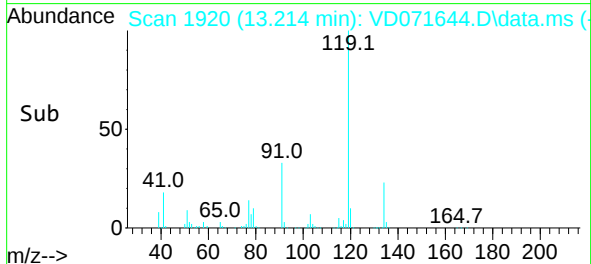
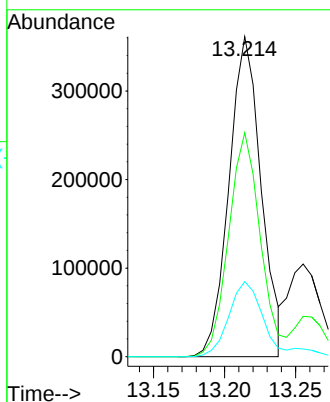
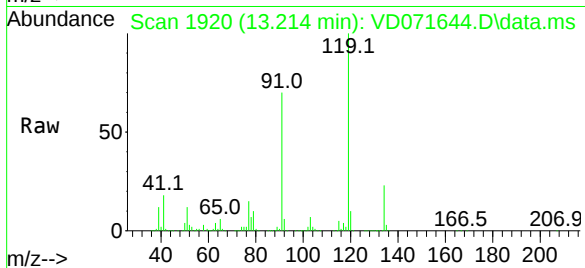




#83
 tert-Butylbenzene
 Concen: 45.454 ug/l
 RT: 13.214 min Scan# 1920
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

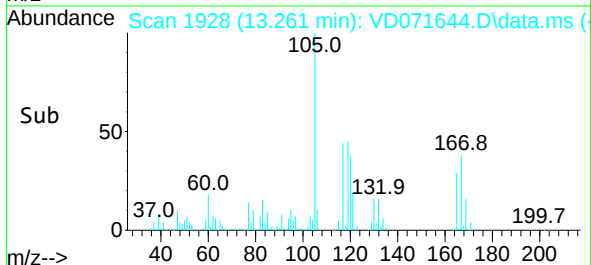
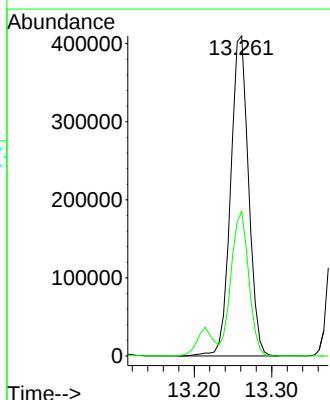
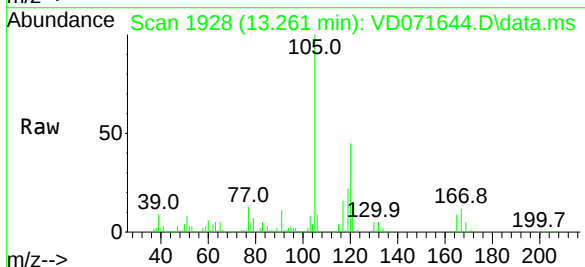
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

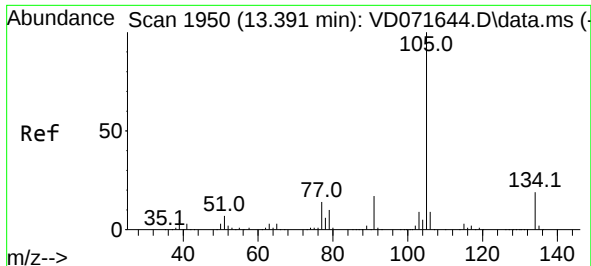
Tgt Ion:119 Resp: 568632
 Ion Ratio Lower Upper
 119 100
 91 69.5 35.6 106.8
 134 24.3 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 45.219 ug/l
 RT: 13.261 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

Tgt Ion:105 Resp: 660115
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.3 66.9

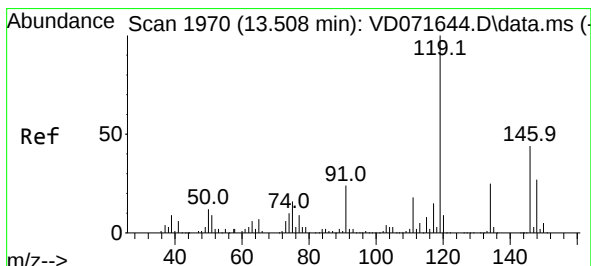
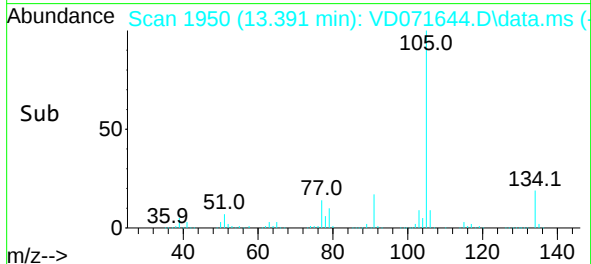
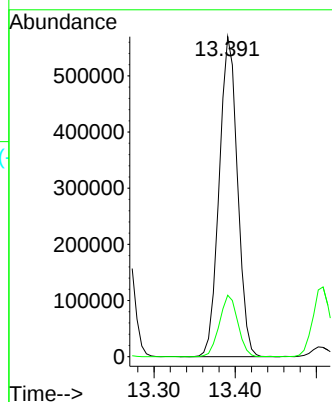
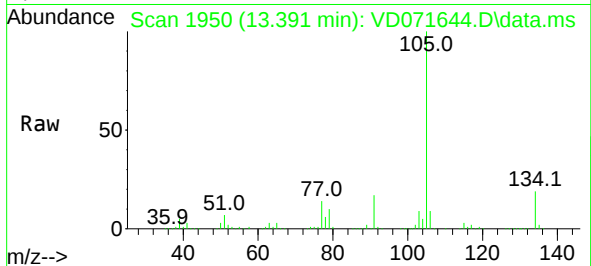




#85
 sec-Butylbenzene
 Concen: 46.043 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

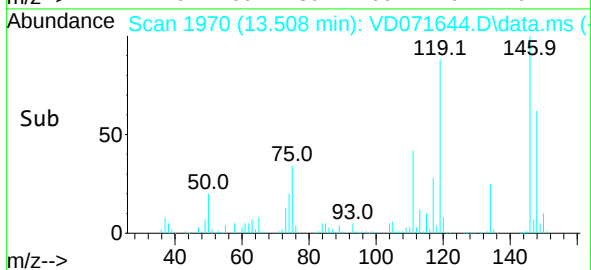
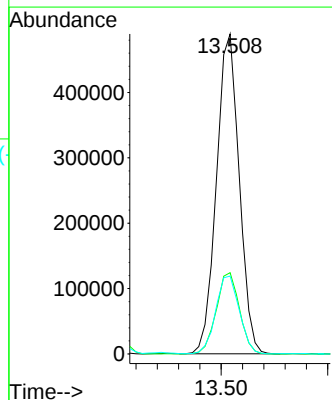
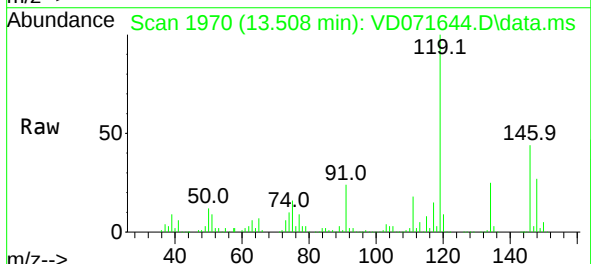
Instrument :
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 ClientSampleId :
 VSTDICCC050

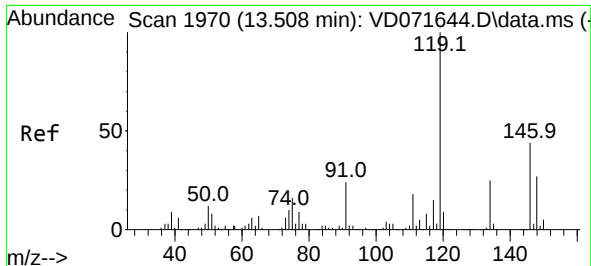
Tgt Ion:105 Resp: 894253
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 45.625 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

Tgt Ion:119 Resp: 724629
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 25.2 12.4 37.2

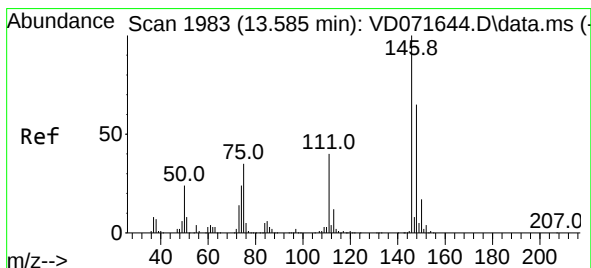
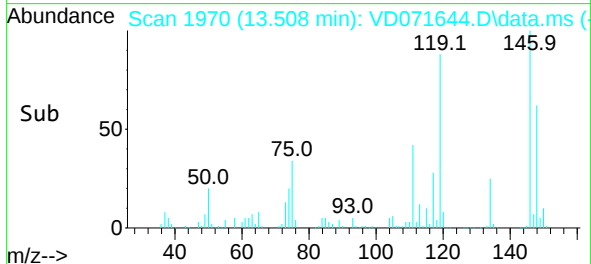
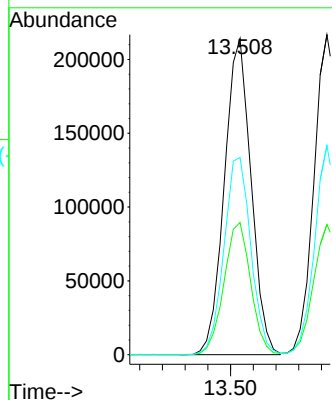
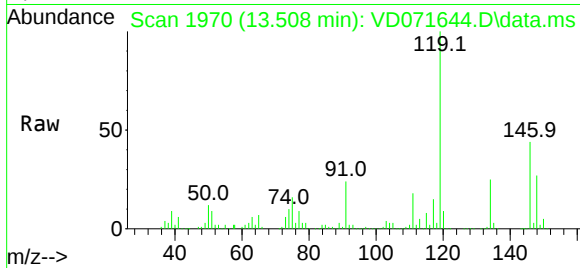




#87
 1,3-Dichlorobenzene
 Concen: 44.298 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

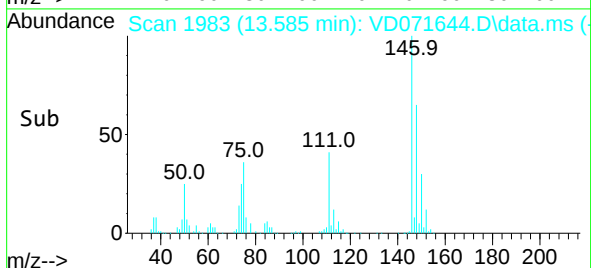
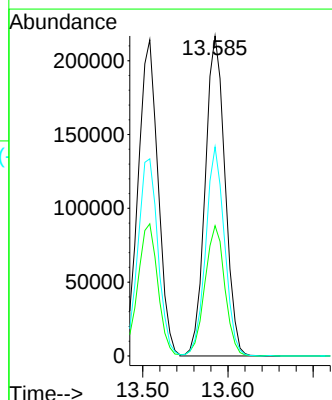
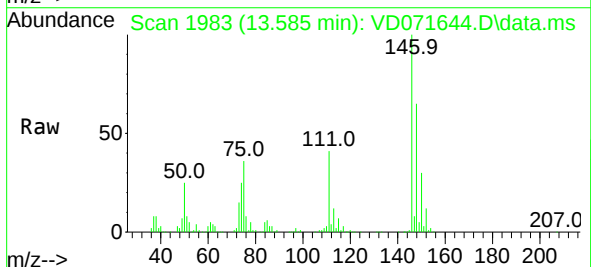
Instrument :
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 ClientSampleId :
 VSTDICCC050

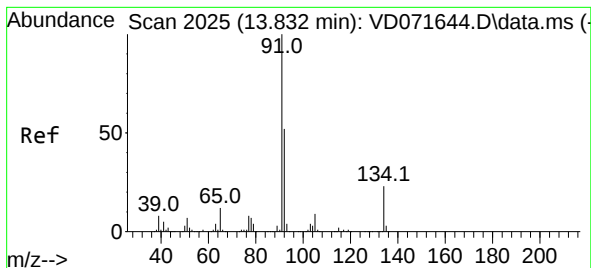
Tgt Ion:146 Resp: 349249
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.5
 148 63.0 31.3 93.8



#88
 1,4-Dichlorobenzene
 Concen: 44.679 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

Tgt Ion:146 Resp: 350228
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.7 62.1
 148 62.2 32.3 96.9





#89

n-Butylbenzene

Concen: 45.601 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

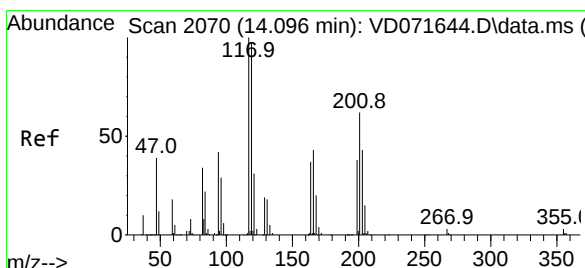
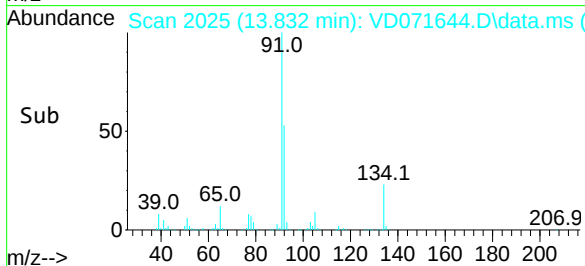
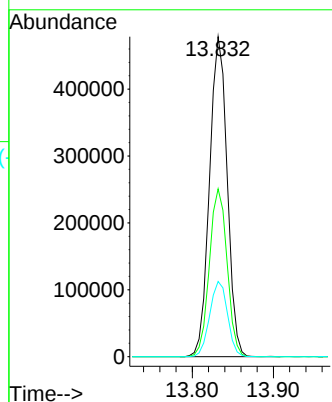
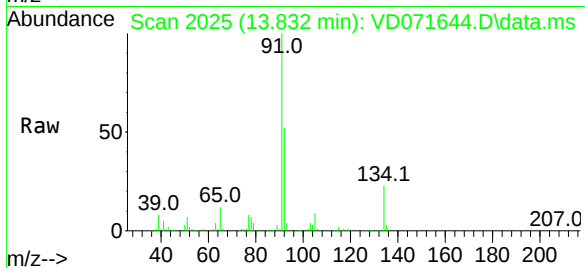
Tgt Ion: 91 Resp: 722042

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.8

134 23.7 12.1 36.3



#90

Hexachloroethane

Concen: 44.426 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD071644.D

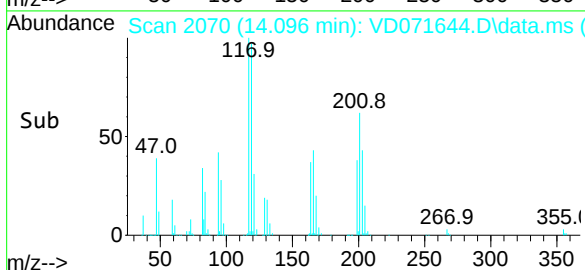
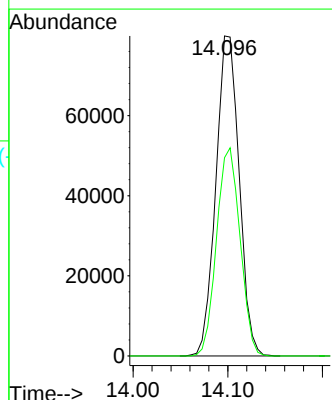
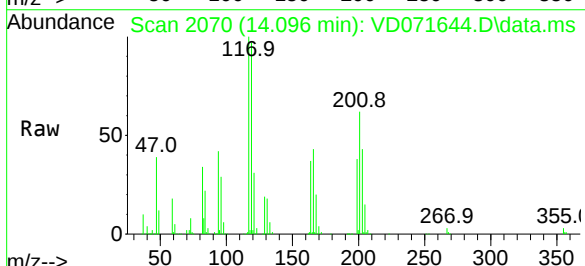
Acq: 07 Jan 2022 12:29

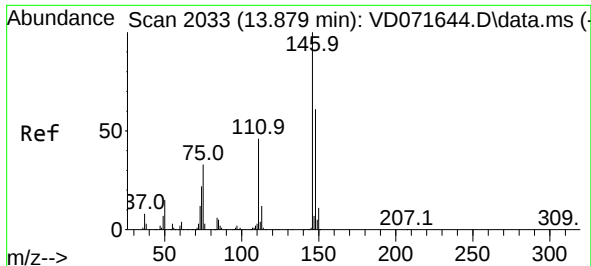
Tgt Ion: 117 Resp: 136825

Ion Ratio Lower Upper

117 100

201 65.5 32.1 96.5

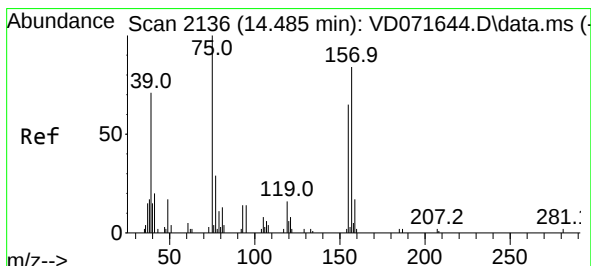
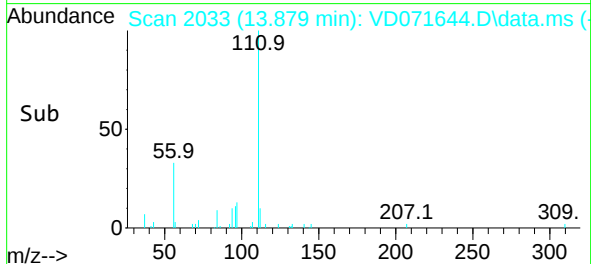
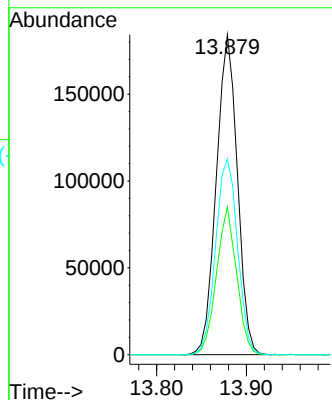
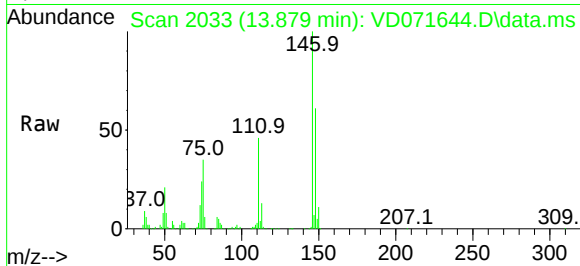




#91
 1,2-Dichlorobenzene
 Concen: 44.641 ug/l
 RT: 13.879 min Scan# 2033
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

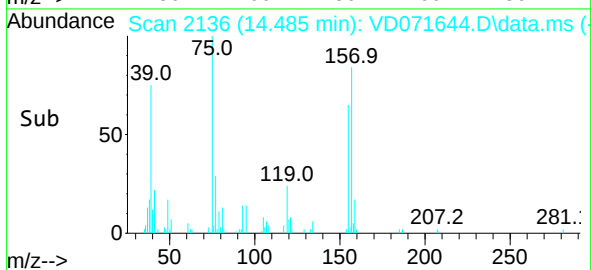
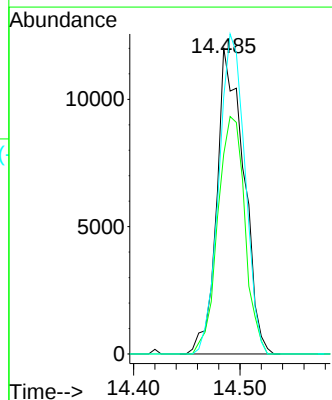
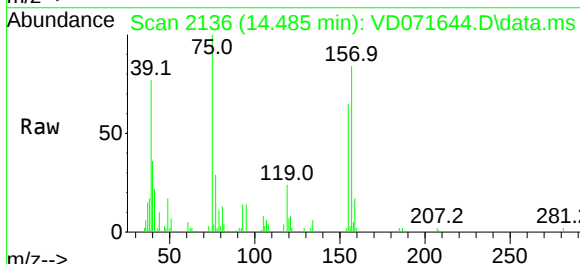
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 ClientSampleId :
 VSTDICCC050

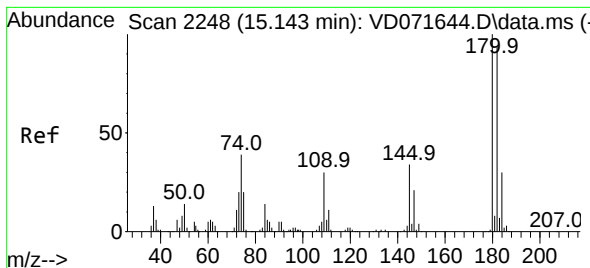
Tgt Ion:146 Resp: 300272
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.8 65.3
 148 63.9 31.3 93.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.397 ug/l
 RT: 14.485 min Scan# 2136
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

Tgt Ion: 75 Resp: 21087
 Ion Ratio Lower Upper
 75 100
 155 77.7 35.4 106.1
 157 100.9 44.9 134.5

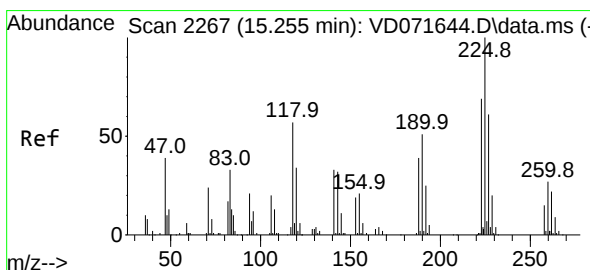
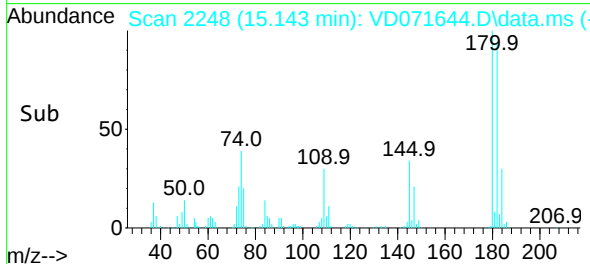
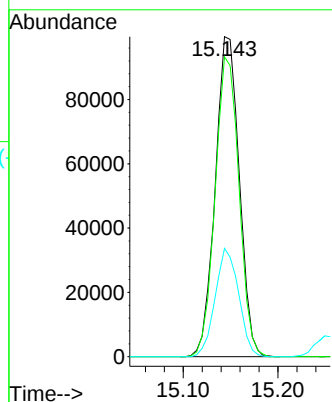
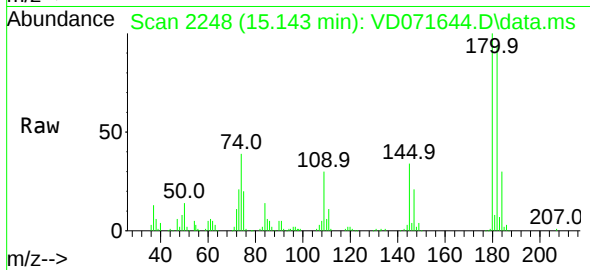




#93
 1,2,4-Trichlorobenzene
 Concen: 45.208 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

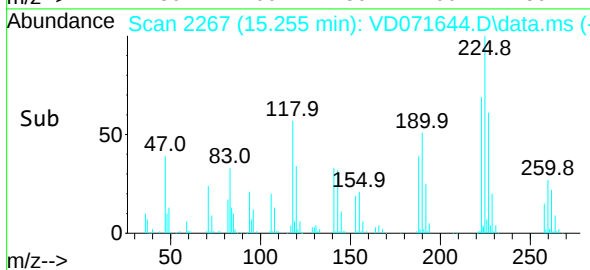
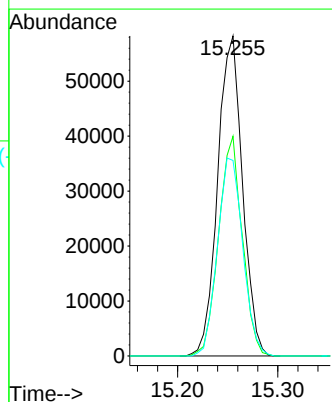
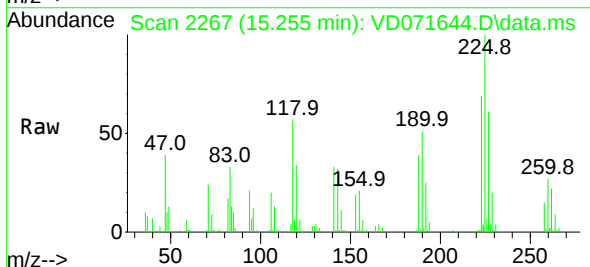
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

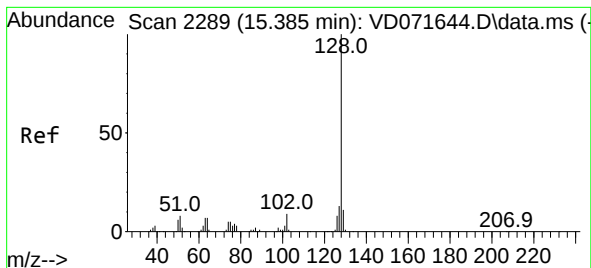
Tgt Ion:180 Resp: 175401
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.5 142.5
 145 33.1 16.4 49.4



#94
 Hexachlorobutadiene
 Concen: 45.839 ug/l
 RT: 15.255 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: VD071644.D
 Acq: 07 Jan 2022 12:29

Tgt Ion:225 Resp: 100068
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.3 93.9
 227 63.3 31.4 94.3





#95

Naphthalene

Concen: 45.894 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

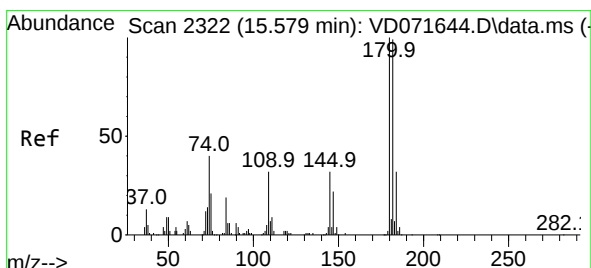
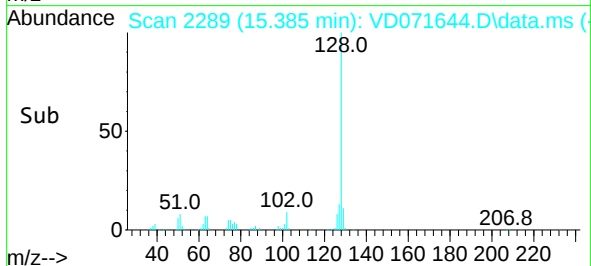
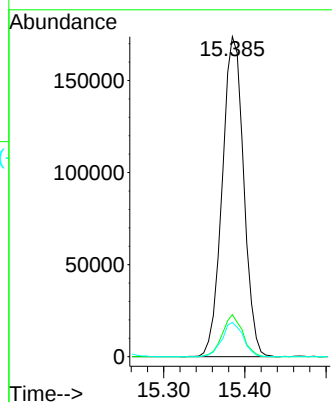
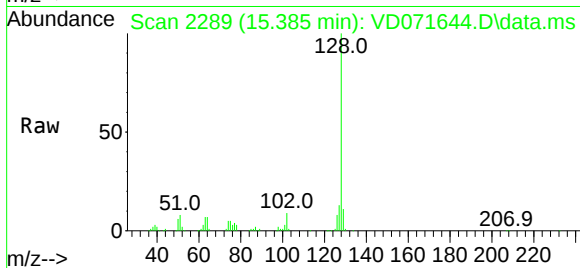
Tgt Ion:128 Resp: 319361

Ion Ratio Lower Upper

128 100

127 12.5 10.9 16.3

129 10.5 9.1 13.7



#96

1,2,3-Trichlorobenzene

Concen: 45.321 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD071644.D

Acq: 07 Jan 2022 12:29

Tgt Ion:180 Resp: 148466

Ion Ratio Lower Upper

180 100

182 93.8 47.0 141.2

145 32.9 16.4 49.2

