

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010722\
 Data File : VD071645.D
 Acq On : 07 Jan 2022 12:57
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 07 13:09:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 13:04:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	322031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	541349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	506127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242075	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	416326	101.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 202.020%#	
35) Dibromofluoromethane	7.914	113	368012	105.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 210.420%#	
50) Toluene-d8	10.338	98	1460020	110.570	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 221.140%#	
62) 4-Bromofluorobenzene	12.626	95	500970	109.582	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 219.160%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	229134	81.058	ug/l	97
3) Chloromethane	2.215	50	307461	82.971	ug/l	100
4) Vinyl Chloride	2.356	62	362084	87.009	ug/l	95
5) Bromomethane	2.762	94	248250	79.385	ug/l	99
6) Chloroethane	2.926	64	254956	86.866	ug/l	99
7) Trichlorofluoromethane	3.279	101	515463	87.681	ug/l	99
8) Diethyl Ether	3.709	74	142682	88.986	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.103	101	306607	89.863	ug/l	99
10) Methyl Iodide	4.303	142	345266	101.658	ug/l	100
11) Tert butyl alcohol	5.226	59	94616	269.346	ug/l	99
12) 1,1-Dichloroethene	4.073	96	266337	87.593	ug/l	94
13) Acrolein	3.920	56	191557	461.321	ug/l	99
14) Allyl chloride	4.715	41	564322	94.620	ug/l	99
15) Acrylonitrile	5.420	53	362572	440.944	ug/l	98
16) Acetone	4.150	43	454646	461.817	ug/l	98
17) Carbon Disulfide	4.415	76	692260	85.304	ug/l	98
18) Methyl Acetate	4.720	43	250665	80.090	ug/l	100
19) Methyl tert-butyl Ether	5.485	73	733236	93.125	ug/l	98
20) Methylene Chloride	4.967	84	328032	52.396	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	314879	90.144	ug/l	99
22) Diisopropyl ether	6.367	45	1224700	95.888	ug/l	99
23) Vinyl Acetate	6.309	43	3042024	504.740	ug/l	99
24) 1,1-Dichloroethane	6.267	63	668381	92.065	ug/l	97
25) 2-Butanone	7.208	43	525985	454.508	ug/l	97
26) 2,2-Dichloropropane	7.208	77	577538	94.787	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	375638	92.161	ug/l	98
28) Bromochloromethane	7.544	49	355176	105.361	ug/l	97
29) Tetrahydrofuran	7.561	42	312191	458.105	ug/l	99
30) Chloroform	7.708	83	679340	91.348	ug/l	93
31) Cyclohexane	7.985	56	541286	82.794	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	598536	91.672	ug/l	99
36) 1,1-Dichloropropene	8.114	75	486520	92.180	ug/l	99
37) Ethyl Acetate	7.297	43	220096	94.055	ug/l	95
38) Carbon Tetrachloride	8.103	117	507275	92.884	ug/l	99
39) Methylcyclohexane	9.355	83	541548	94.597	ug/l	96
40) Benzene	8.350	78	1371998	94.221	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	142630	95.330	ug/l	97
42) 1,2-Dichloroethane	8.420	62	446280	92.030	ug/l	98
43) Isopropyl Acetate	8.450	43	437025	94.300	ug/l	99
44) Trichloroethene	9.114	130	346934	94.100	ug/l	95
45) 1,2-Dichloropropane	9.385	63	367547	92.956	ug/l	100
46) Dibromomethane	9.473	93	183170	90.791	ug/l	97
47) Bromodichloromethane	9.661	83	530209	95.319	ug/l	99
48) Methyl methacrylate	9.450	41	228295	97.407	ug/l	92
49) 1,4-Dioxane	9.461	88	36223	1888.063	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	1143733	471.140	ug/l	100
52) Toluene	10.402	92	900733	96.661	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	473422	96.696	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	542866	94.952	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	249133	91.886	ug/l	97
56) Ethyl methacrylate	10.655	69	324240	96.856	ug/l	99
57) 1,3-Dichloropropane	10.938	76	453206	94.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	958910	547.015	ug/l	100
59) 2-Hexanone	10.979	43	830059	483.753	ug/l	100
60) Dibromochloromethane	11.138	129	324950	94.917	ug/l	98
61) 1,2-Dibromoethane	11.238	107	238467	95.532	ug/l	97
64) Tetrachloroethene	10.873	164	281171	88.971	ug/l	98
65) Chlorobenzene	11.667	112	934513	93.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	356741	96.527	ug/l	98
67) Ethyl Benzene	11.738	91	1815388	97.305	ug/l	99
68) m/p-Xylenes	11.849	106	1364995	196.281	ug/l	98
69) o-Xylene	12.173	106	651782	99.556	ug/l	98
70) Styrene	12.191	104	1121990	99.714	ug/l	100
71) Bromoform	12.355	173	177075	92.442	ug/l #	96
73) Isopropylbenzene	12.473	105	1772297	96.135	ug/l	98
74) N-amyl acetate	12.279	43	426873	94.921	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	282552	89.540	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	387982	163.831	ug/l #	100
77) Bromobenzene	12.755	156	368628	93.216	ug/l	99
78) n-propylbenzene	12.814	91	2223006	95.773	ug/l	100
79) 2-Chlorotoluene	12.902	91	1234659	94.464	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1483167	97.067	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	82315	94.579	ug/l	92
82) 4-Chlorotoluene	12.996	91	1301591	94.613	ug/l	99
83) tert-Butylbenzene	13.214	119	1284898	98.706	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1481240	97.263	ug/l	100
85) sec-Butylbenzene	13.391	105	1945201	96.297	ug/l	99
86) p-Isopropyltoluene	13.508	119	1652894	99.685	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	774536	93.894	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	752859	92.355	ug/l	98
89) n-Butylbenzene	13.832	91	1614479	97.959	ug/l	99
90) Hexachloroethane	14.102	117	309328	96.011	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	655826	93.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	48282	89.138	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	386917	95.237	ug/l	99
94) Hexachlorobutadiene	15.255	225	214514	94.134	ug/l	99
95) Naphthalene	15.385	128	695733	95.060	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	323407	94.018	ug/l	99

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QLast Update : Fri Jan 07 13:04:15 2022
Response via : Initial Calibration

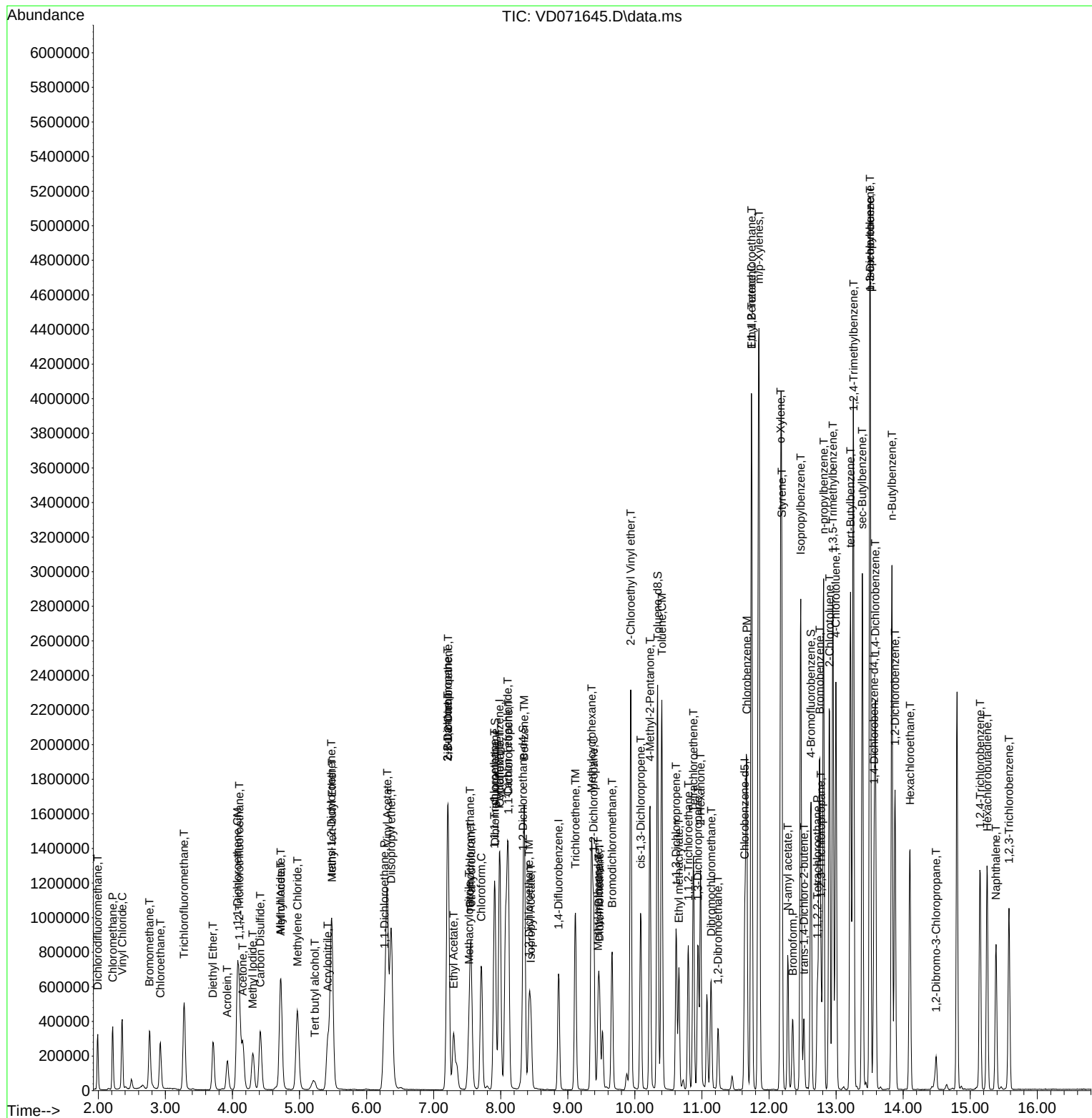
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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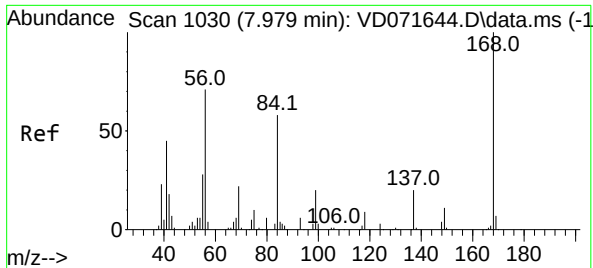
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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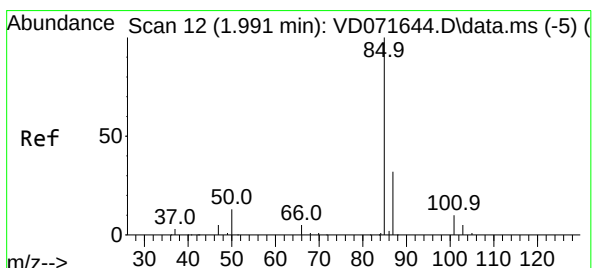
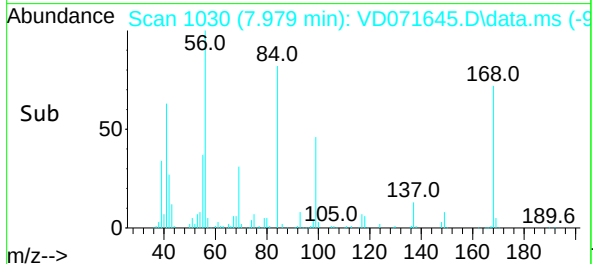
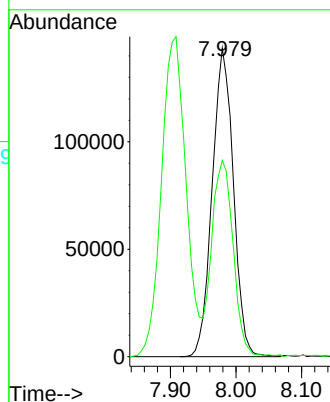
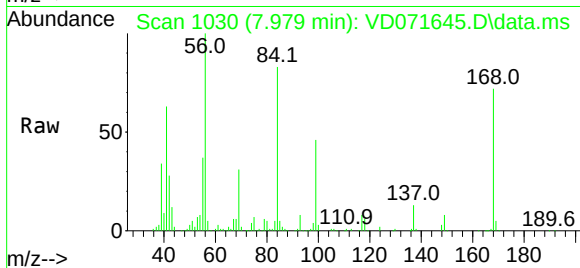




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071645.D
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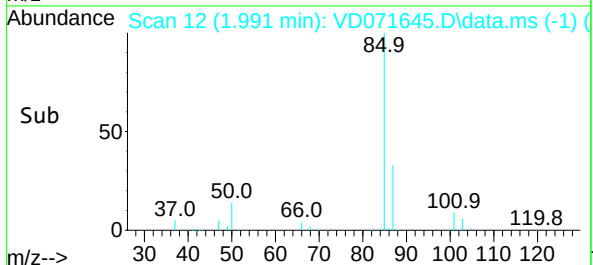
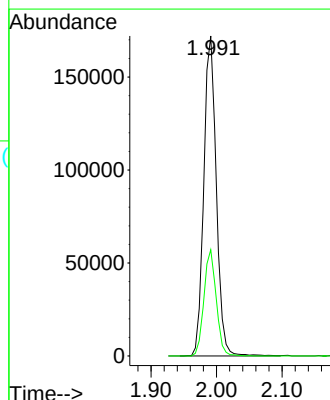
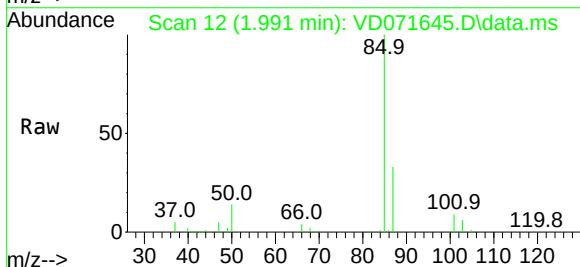
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

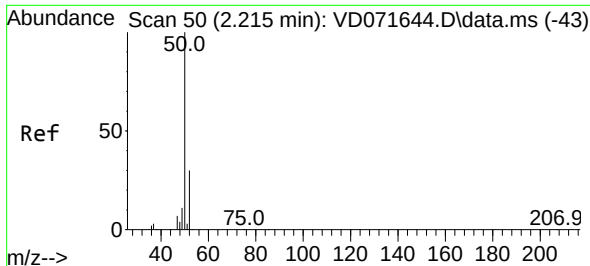
Tgt Ion:168 Resp: 322031
Ion Ratio Lower Upper
168 100
99 63.0 51.8 77.6



#2
Dichlorodifluoromethane
Concen: 81.058 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 85 Resp: 229134
Ion Ratio Lower Upper
85 100
87 33.2 15.9 47.6

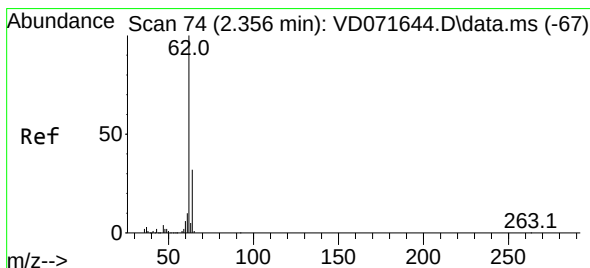
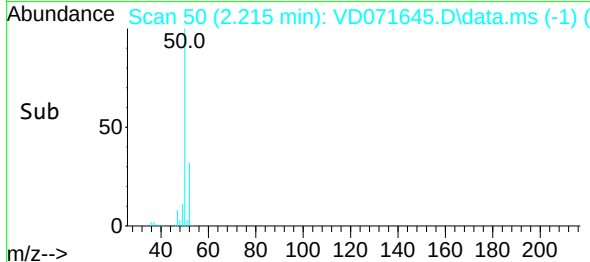
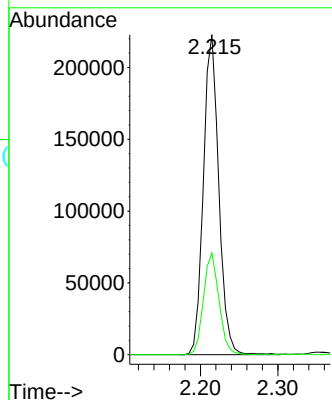
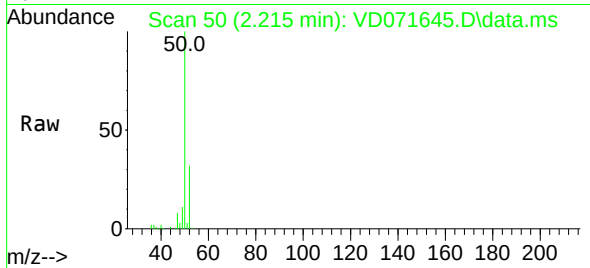




#3
Chloromethane
Concen: 82.971 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.001 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

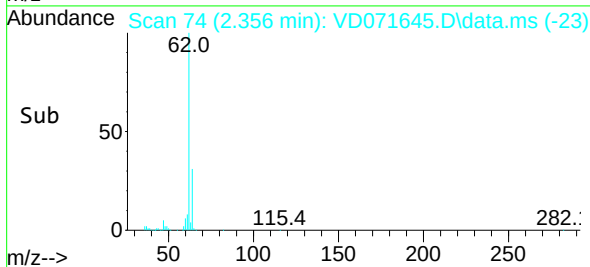
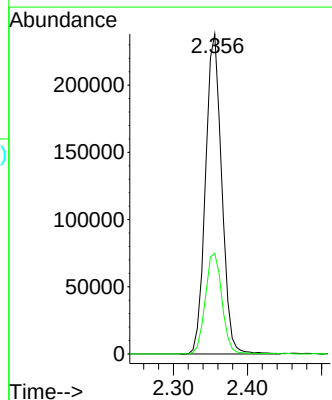
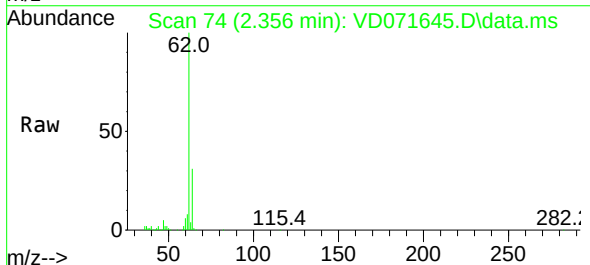
Instrument :
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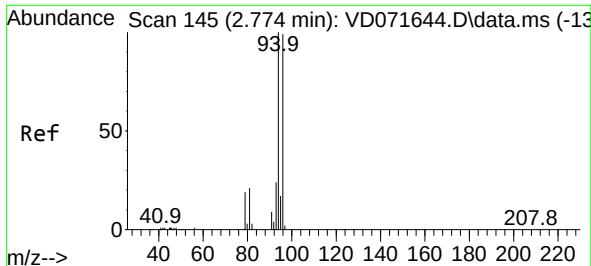
Tgt Ion: 50 Resp: 307461
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0



#4
Vinyl Chloride
Concen: 87.009 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 62 Resp: 362084
Ion Ratio Lower Upper
62 100
64 31.5 23.2 34.8

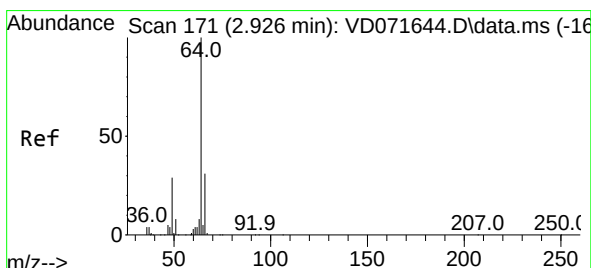
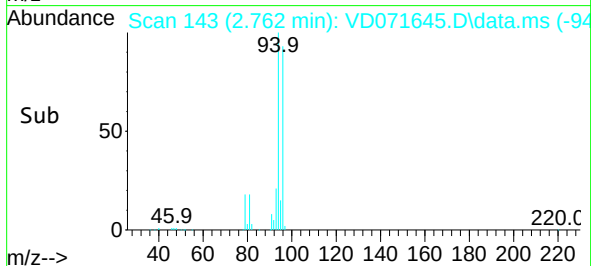
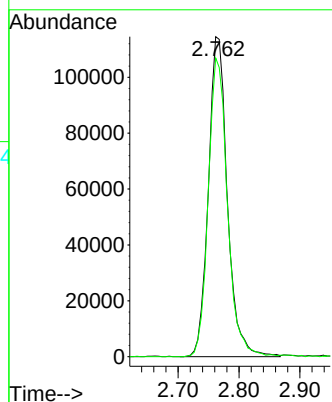
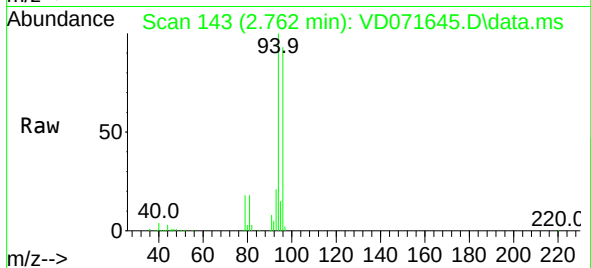




#5
Bromomethane
Concen: 79.385 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.011 min
Lab File: VD071645.D
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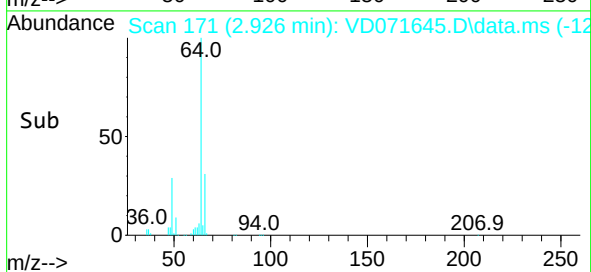
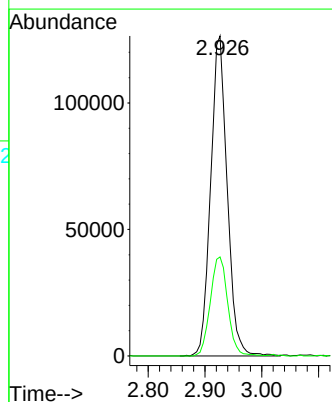
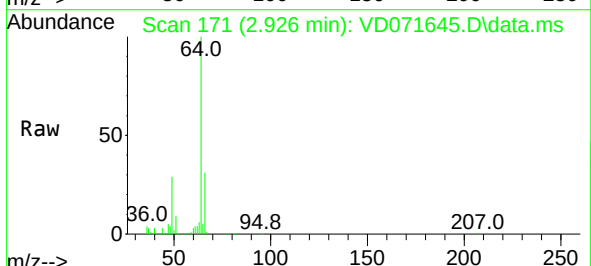
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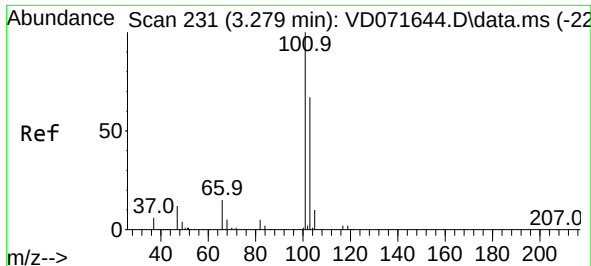
Tgt Ion: 94 Resp: 248250
Ion Ratio Lower Upper
94 100
96 93.4 73.7 110.5



#6
Chloroethane
Concen: 86.866 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 64 Resp: 254956
Ion Ratio Lower Upper
64 100
66 30.9 24.2 36.2

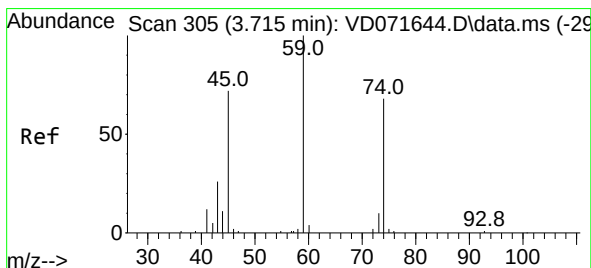
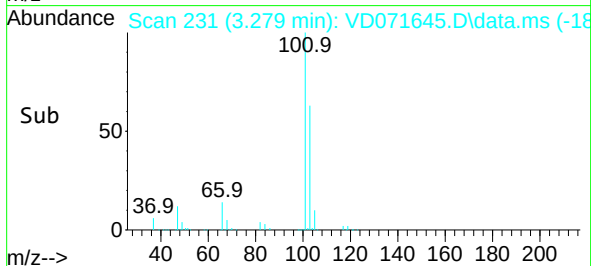
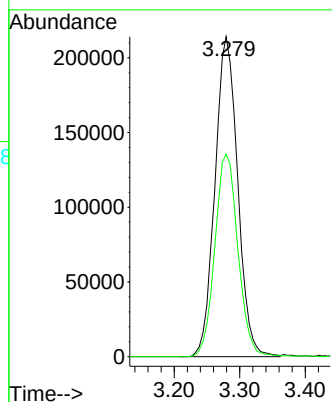
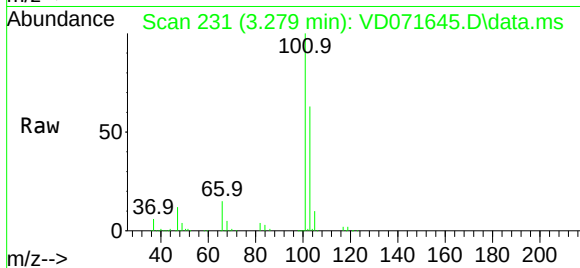




#7
 Trichlorofluoromethane
 Concen: 87.681 ug/l
 RT: 3.279 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD071645.D
 Acq: 07 Jan 2022 12:57

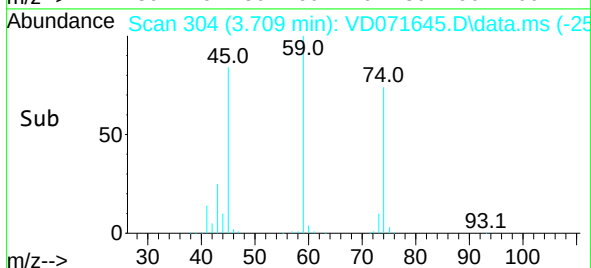
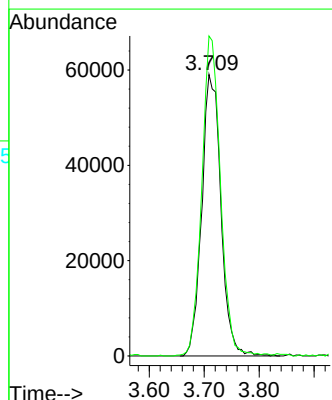
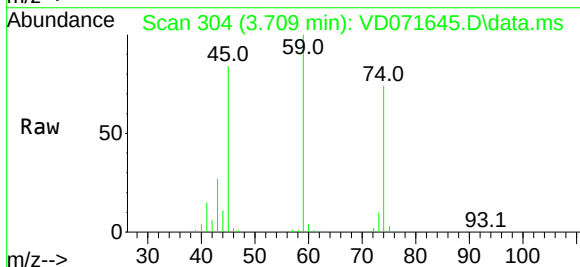
Instrument :
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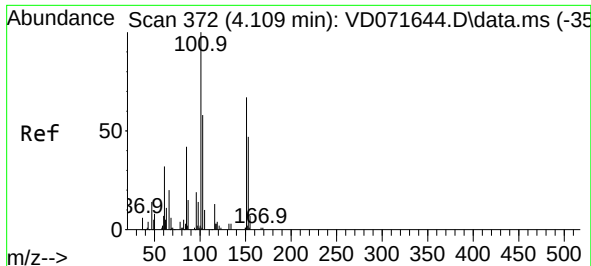
Tgt Ion:101 Resp: 515463
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.8 74.6



#8
 Diethyl Ether
 Concen: 88.986 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD071645.D
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Tgt Ion: 74 Resp: 142682
 Ion Ratio Lower Upper
 74 100
 45 111.2 56.5 169.5

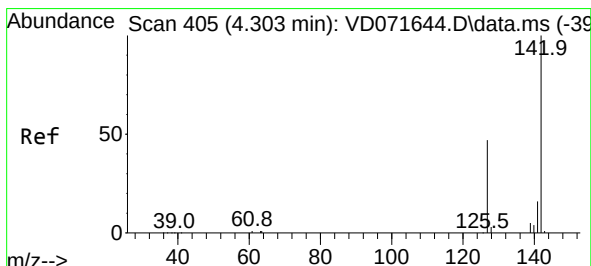
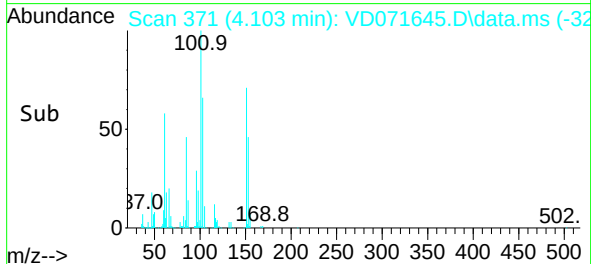
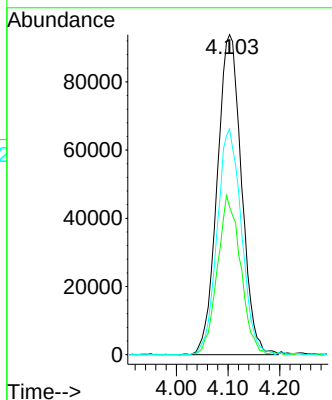
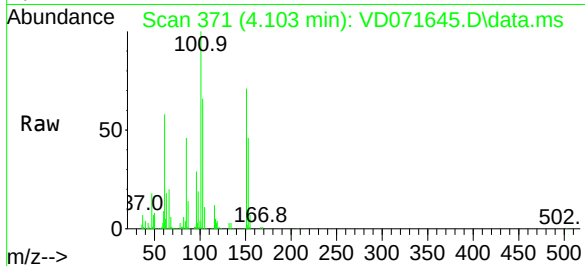




#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.863 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

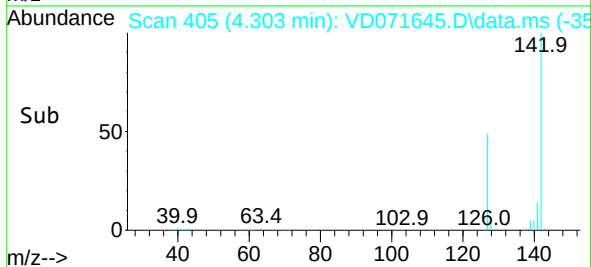
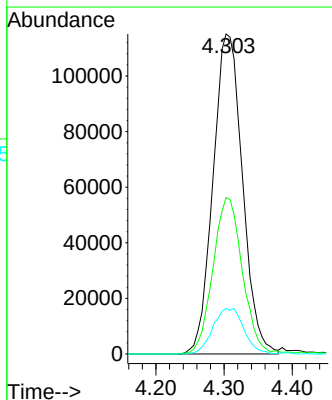
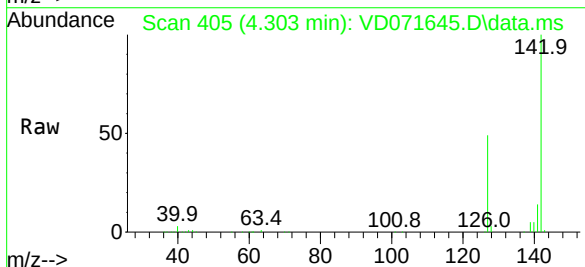
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

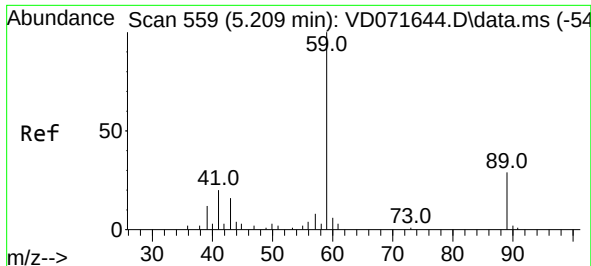
Tgt Ion:101 Resp: 306607
Ion Ratio Lower Upper
101 100
85 47.3 38.7 58.1
151 70.5 56.2 84.2



#10
Methyl Iodide
Concen: 101.658 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion:142 Resp: 345266
Ion Ratio Lower Upper
142 100
127 49.1 39.4 59.2
141 15.0 11.9 17.9

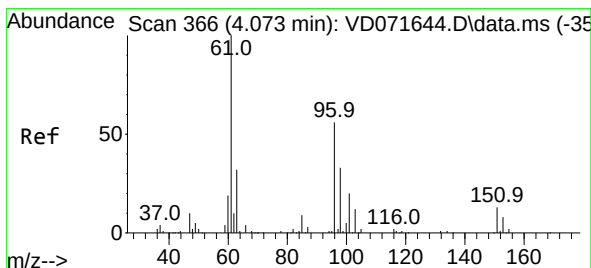
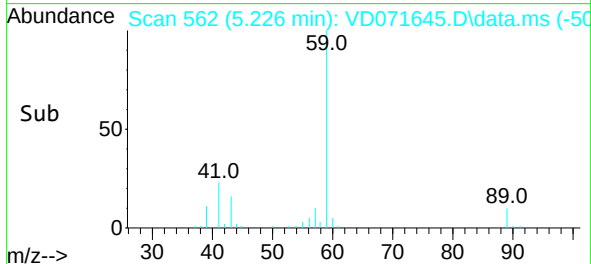
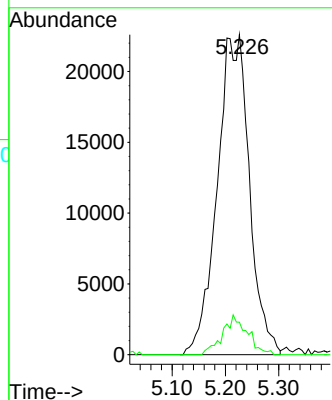
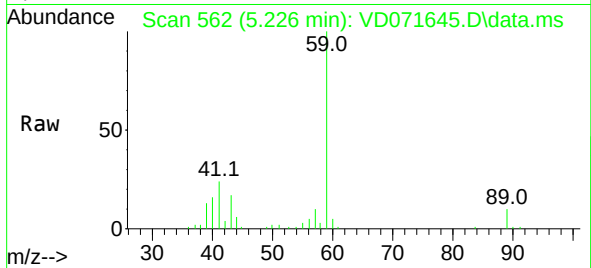




#11
Tert butyl alcohol
Concen: 269.346 ug/l
RT: 5.226 min Scan# 511
Delta R.T. 0.018 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

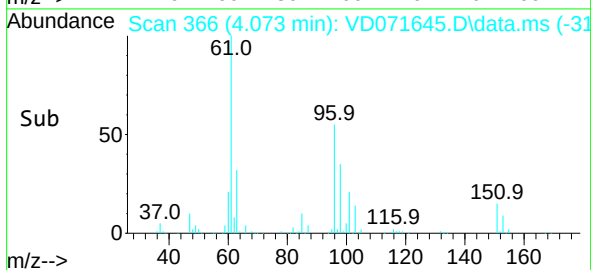
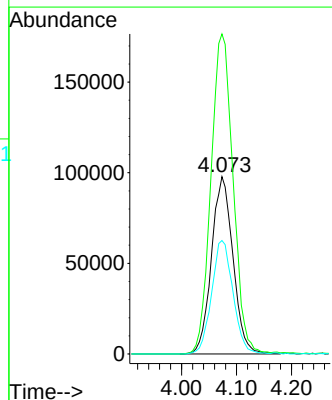
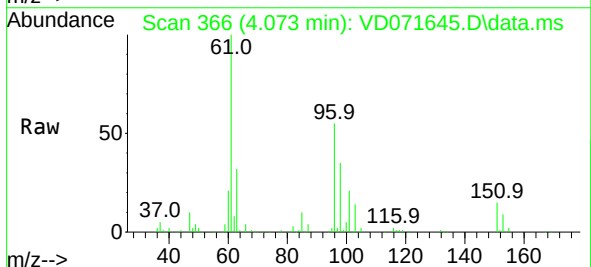
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

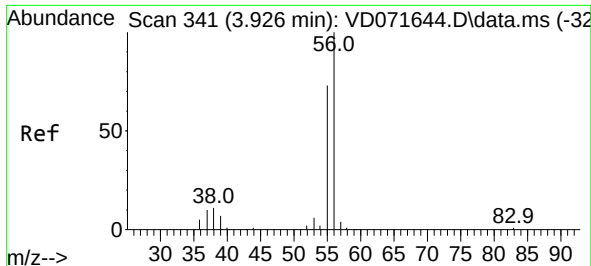
Tgt Ion: 59 Resp: 94616
Ion Ratio Lower Upper
59 100
57 9.6 7.3 10.9



#12
1,1-Dichloroethene
Concen: 87.593 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.006 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 96 Resp: 266337
Ion Ratio Lower Upper
96 100
61 180.5 137.8 206.8
98 64.0 48.3 72.5





#13

Acrolein

Concen: 461.321 ug/l

RT: 3.920 min Scan# 341

Delta R.T. -0.006 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

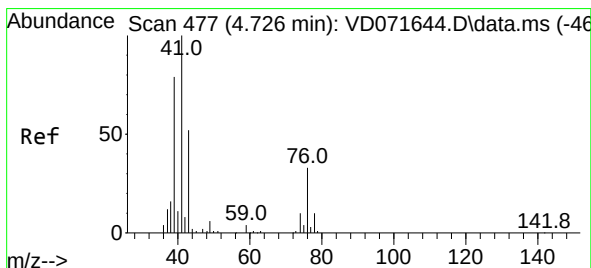
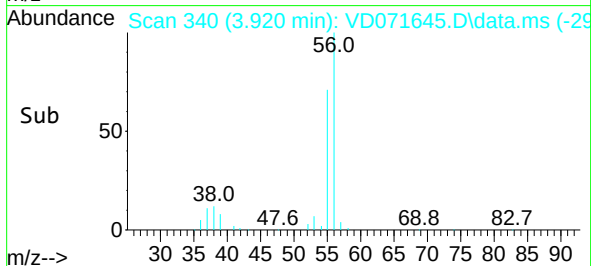
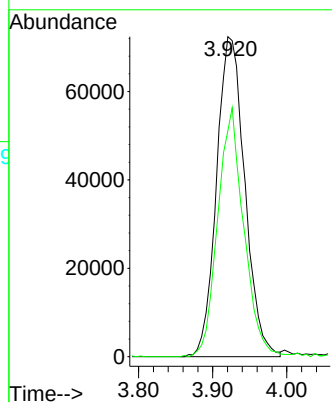
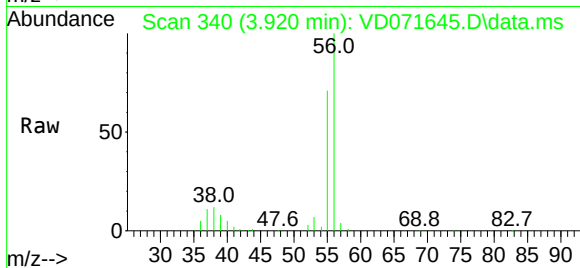
VSTDIC100

Tgt Ion: 56 Resp: 191557

Ion Ratio Lower Upper

56 100

55 71.6 56.9 85.3



#14

Allyl chloride

Concen: 94.620 ug/l

RT: 4.715 min Scan# 475

Delta R.T. -0.006 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

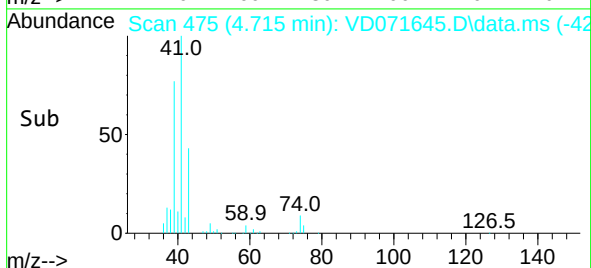
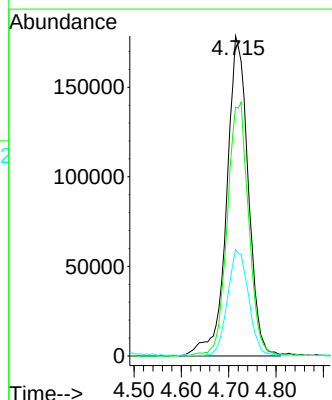
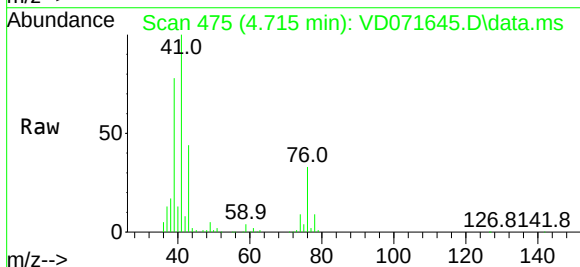
Tgt Ion: 41 Resp: 564322

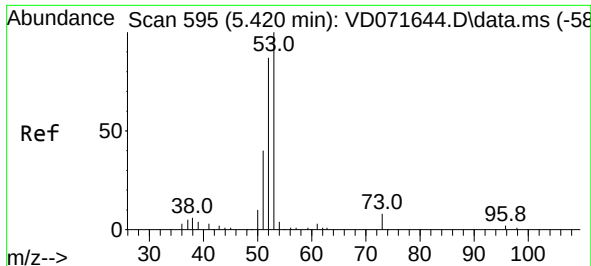
Ion Ratio Lower Upper

41 100

39 78.4 63.2 94.8

76 32.1 25.8 38.6

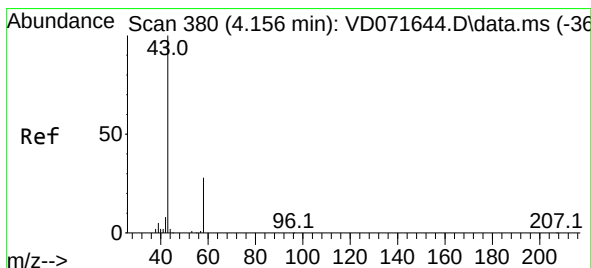
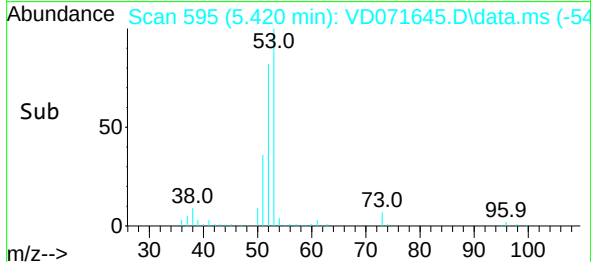
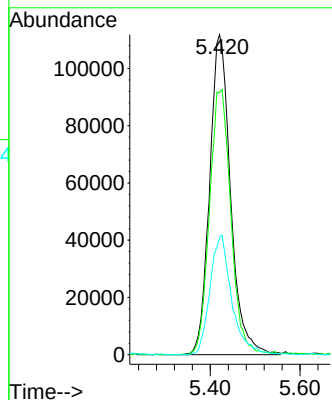
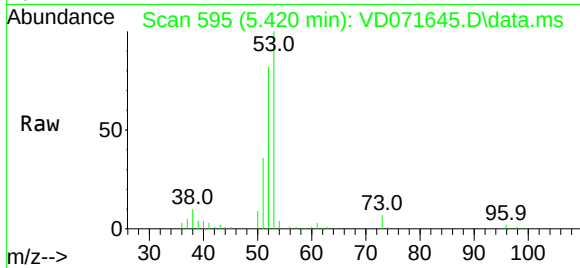




#15
Acrylonitrile
Concen: 440.944 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

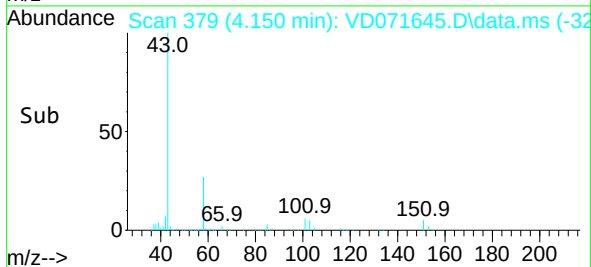
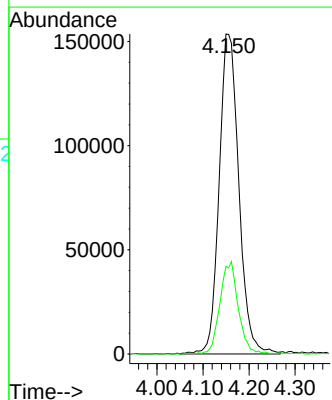
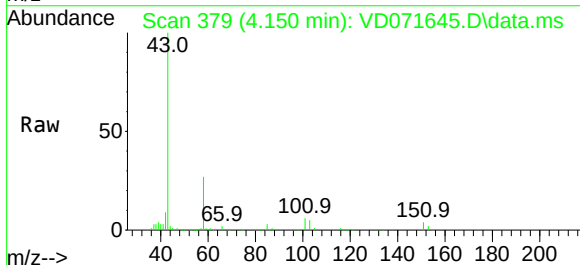
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

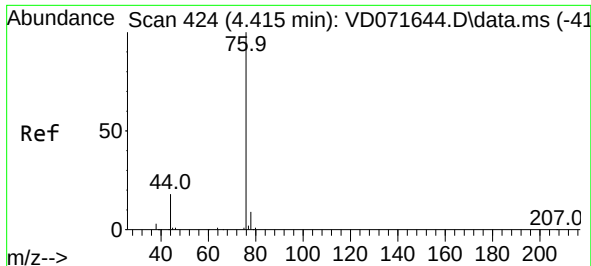
Tgt Ion: 53 Resp: 362572
Ion Ratio Lower Upper
53 100
52 84.4 65.6 98.4
51 38.7 31.2 46.8



#16
Acetone
Concen: 461.817 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 43 Resp: 454646
Ion Ratio Lower Upper
43 100
58 27.3 21.0 31.6

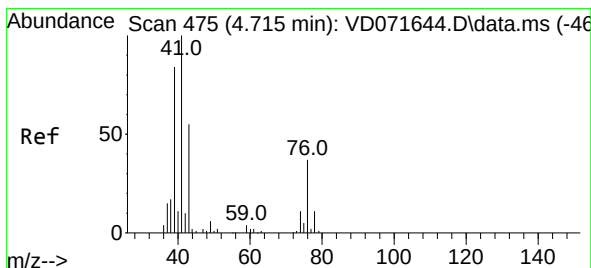
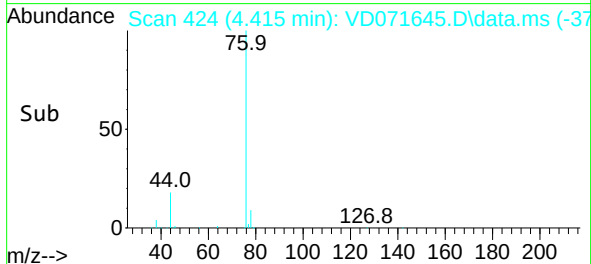
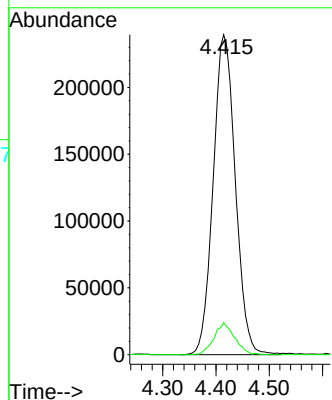
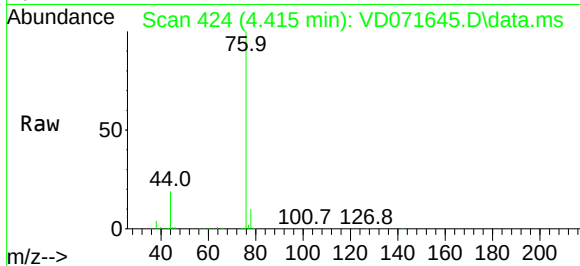




#17
Carbon Disulfide
Concen: 85.304 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

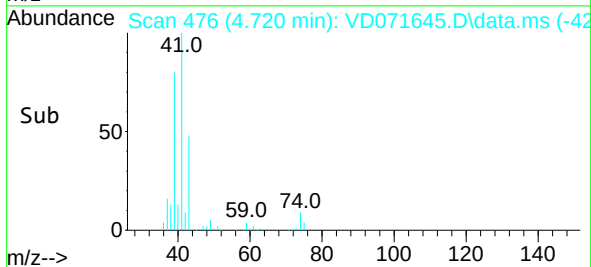
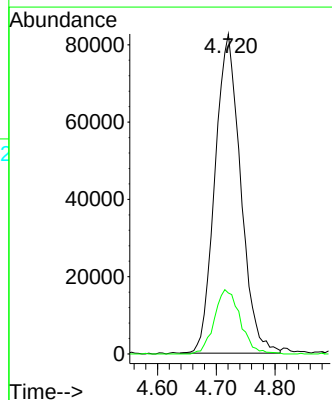
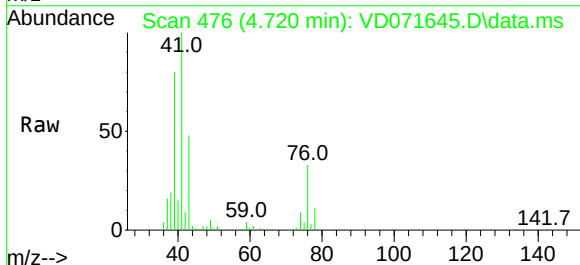
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

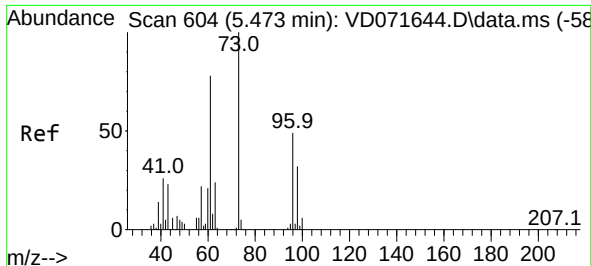
Tgt Ion: 76 Resp: 692260
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



#18
Methyl Acetate
Concen: 80.090 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 43 Resp: 250665
Ion Ratio Lower Upper
43 100
74 20.4 16.3 24.5

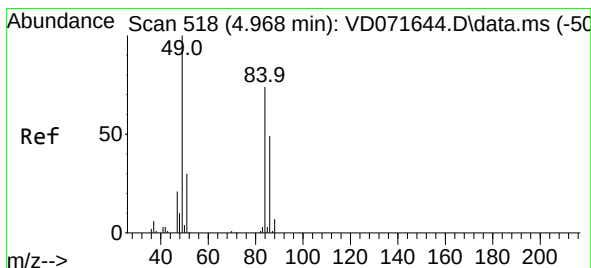
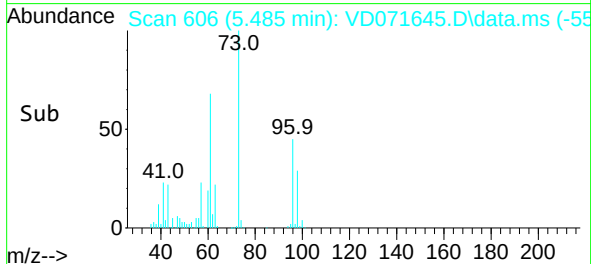
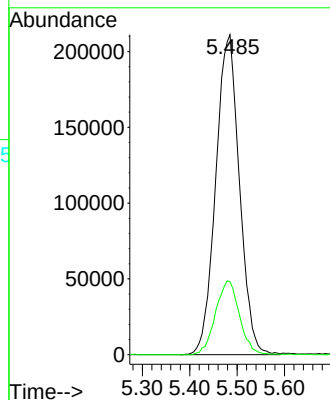
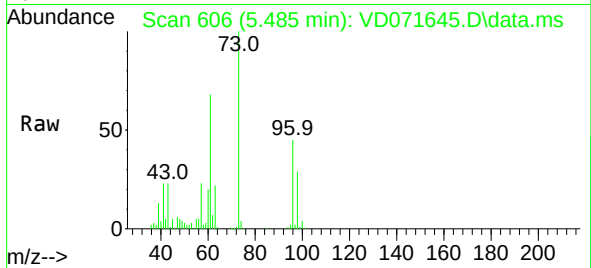




#19
Methyl tert-butyl Ether
Concen: 93.125 ug/l
RT: 5.485 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

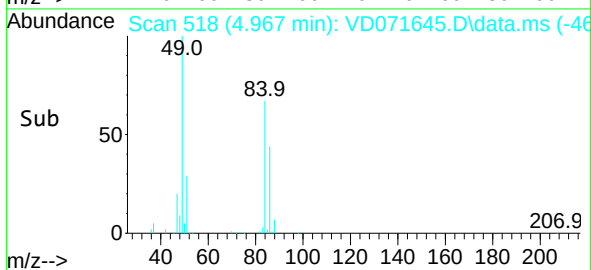
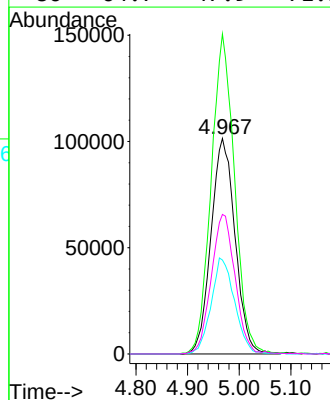
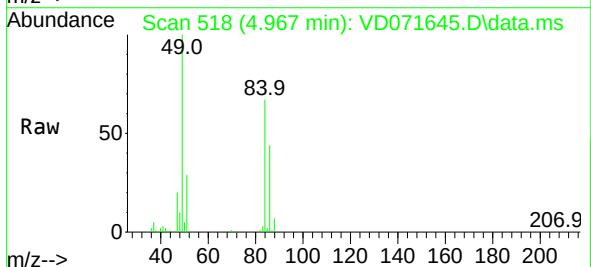
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

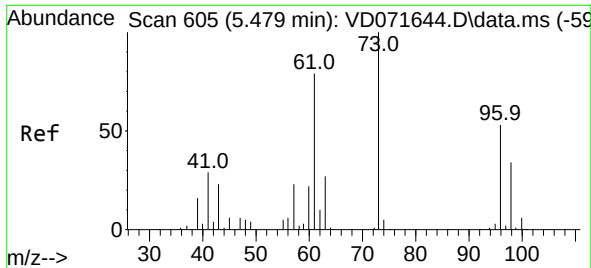
Tgt Ion: 73 Resp: 733236
Ion Ratio Lower Upper
73 100
57 22.8 19.2 28.8



#20
Methylene Chloride
Concen: 52.396 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 84 Resp: 328032
Ion Ratio Lower Upper
84 100
49 148.3 118.6 178.0
51 43.6 37.8 56.6
86 64.7 47.9 71.9

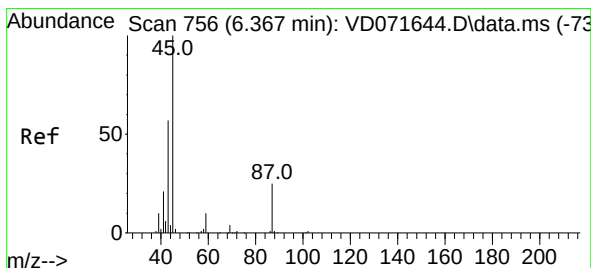
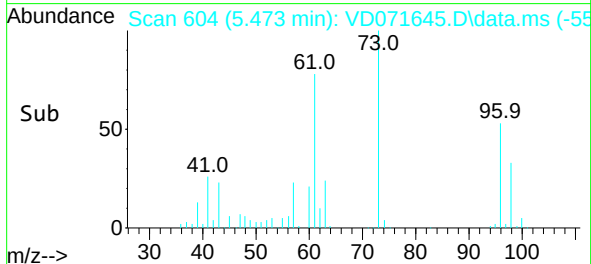
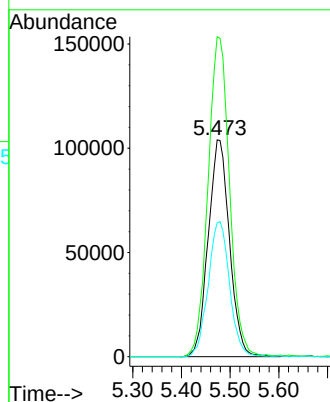
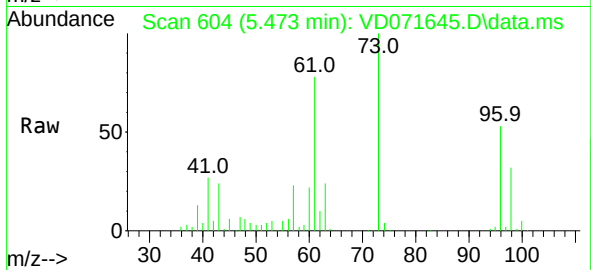




#21
trans-1,2-Dichloroethene
Concen: 90.144 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

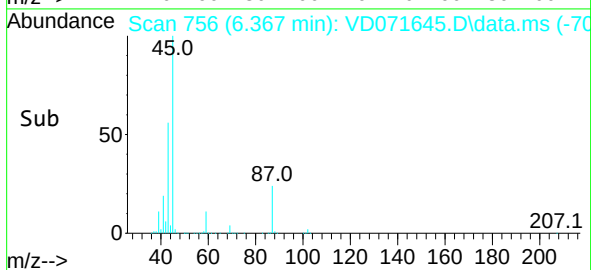
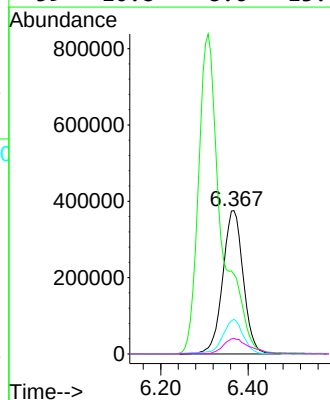
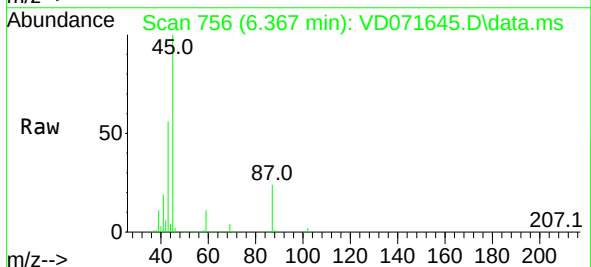
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

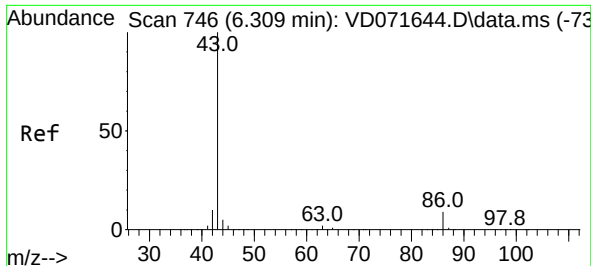
Tgt Ion: 96 Resp: 314879
Ion Ratio Lower Upper
96 100
61 147.6 119.4 179.0
98 61.8 49.3 73.9



#22
Diisopropyl ether
Concen: 95.888 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 45 Resp: 1224700
Ion Ratio Lower Upper
45 100
43 55.0 43.0 64.6
87 24.1 19.0 28.4
59 10.8 8.6 13.0

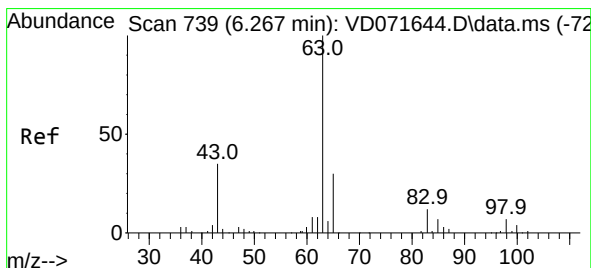
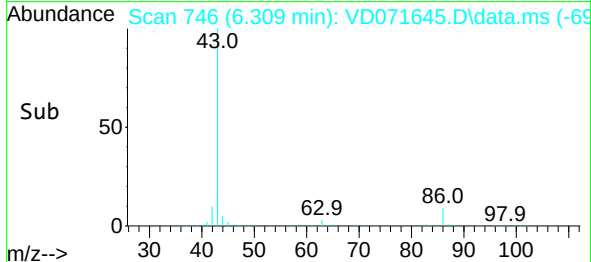
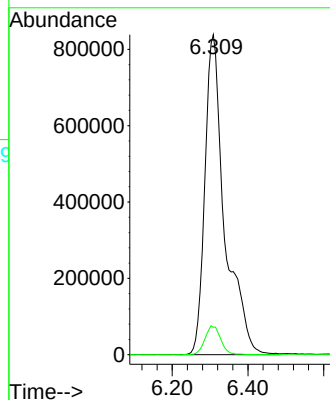
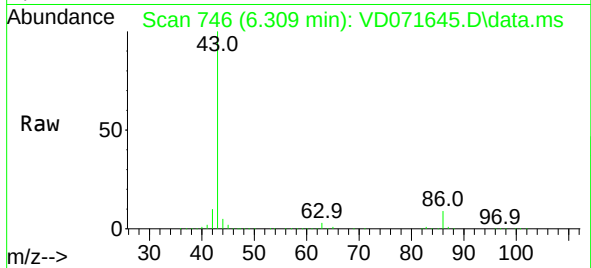




#23
 Vinyl Acetate
 Concen: 504.740 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD071645.D
 Acq: 07 Jan 2022 12:57

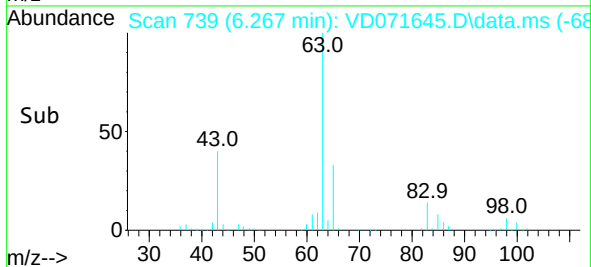
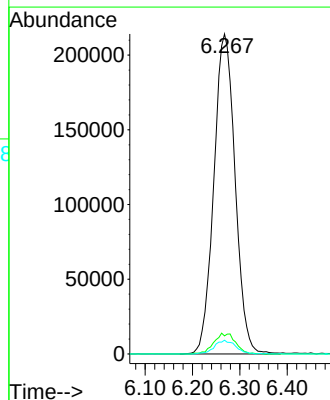
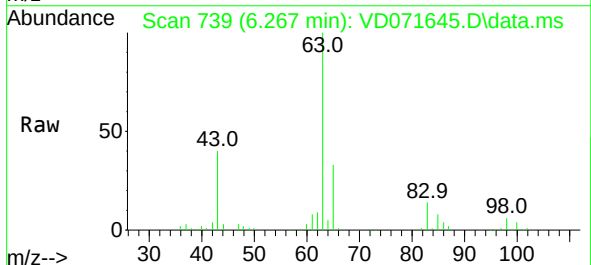
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

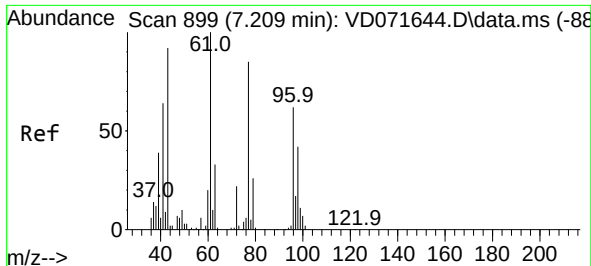
Tgt Ion: 43 Resp: 3042024
 Ion Ratio Lower Upper
 43 100
 86 8.6 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 92.065 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD071645.D
 Acq: 07 Jan 2022 12:57

Tgt Ion: 63 Resp: 668381
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.4 10.1
 100 4.3 2.5 7.5

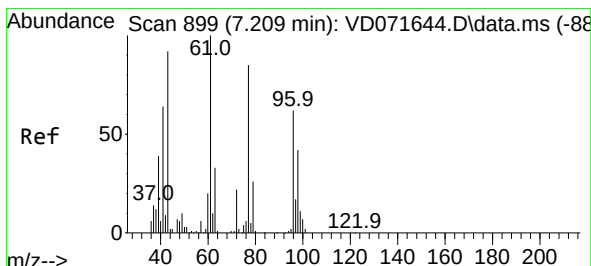
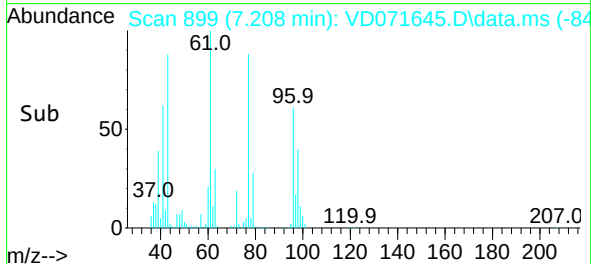
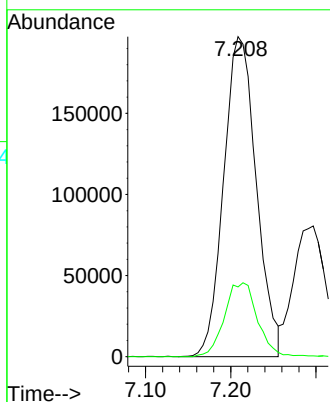
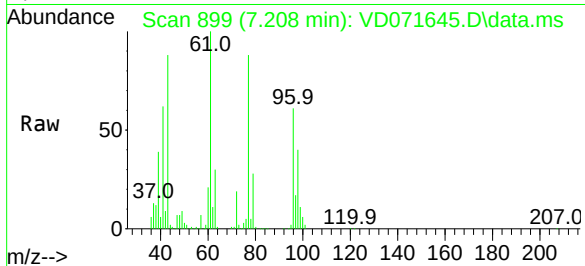




#25
2-Butanone
Concen: 454.508 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

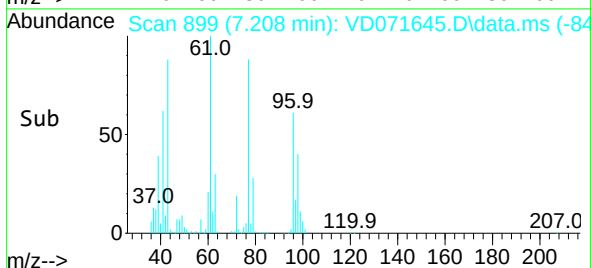
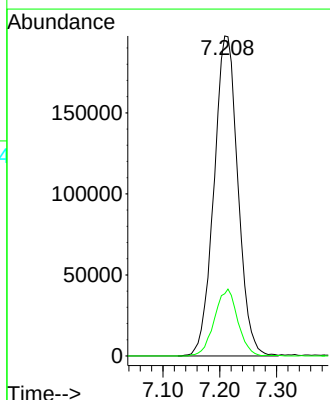
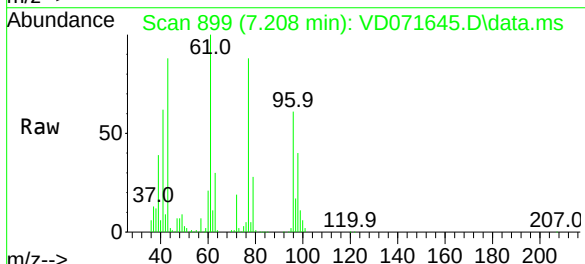
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

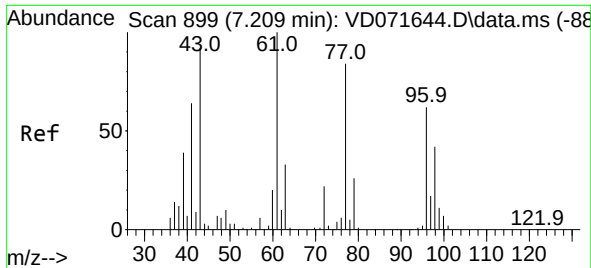
Tgt Ion: 43 Resp: 525985
Ion Ratio Lower Upper
43 100
72 21.8 16.4 24.6



#26
2,2-Dichloropropane
Concen: 94.787 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 77 Resp: 577538
Ion Ratio Lower Upper
77 100
97 20.4 10.7 32.1



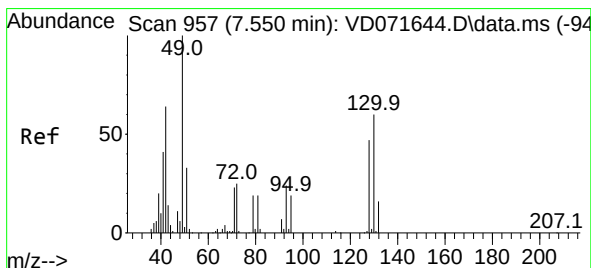
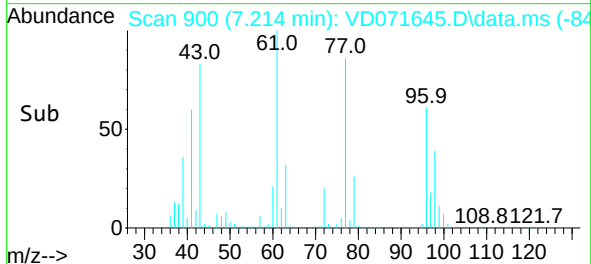
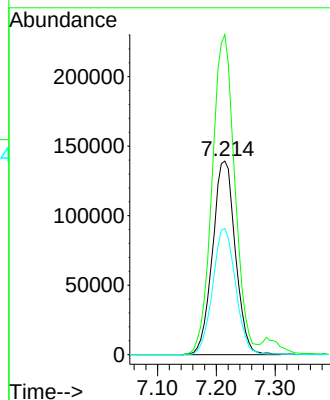
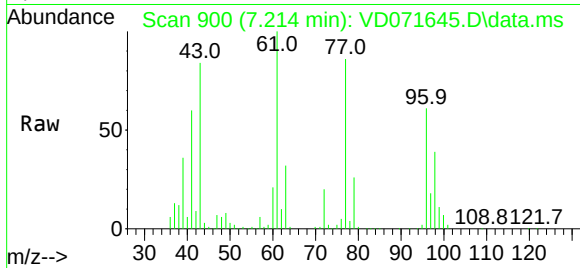


#27
 cis-1,2-Dichloroethene
 Concen: 92.161 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.000 min
 Lab File: VD071645.D
 Acq: 07 Jan 2022 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 375638

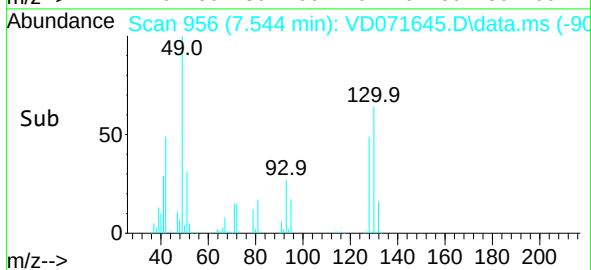
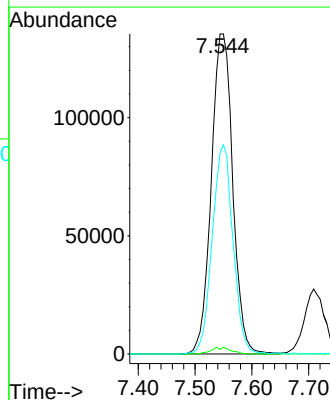
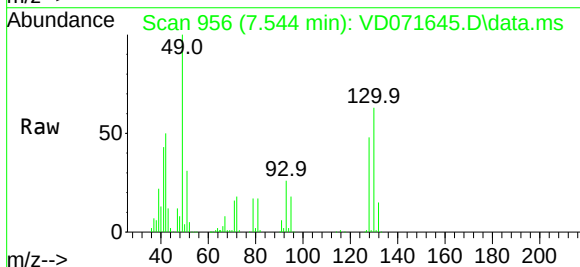
Ion	Ratio	Lower	Upper
96	100		
61	165.1	0.0	322.8
98	65.8	0.0	130.8

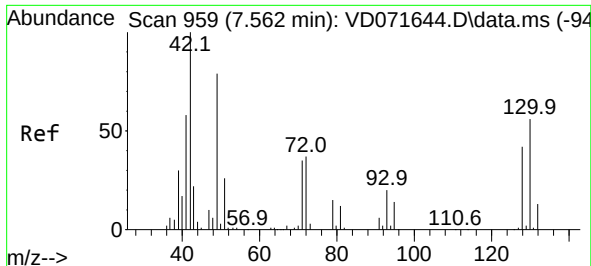


#28
 Bromochloromethane
 Concen: 105.361 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.006 min
 Lab File: VD071645.D
 Acq: 07 Jan 2022 12:57

Tgt Ion: 49 Resp: 355176

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.2
130	63.2	48.9	73.3





#29

Tetrahydrofuran

Concen: 458.105 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

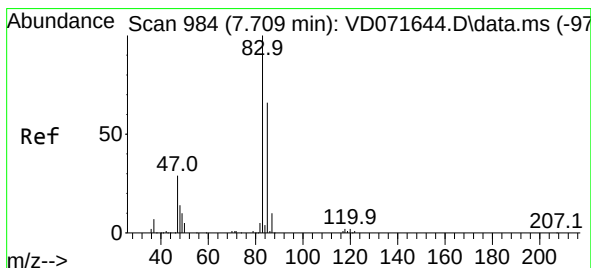
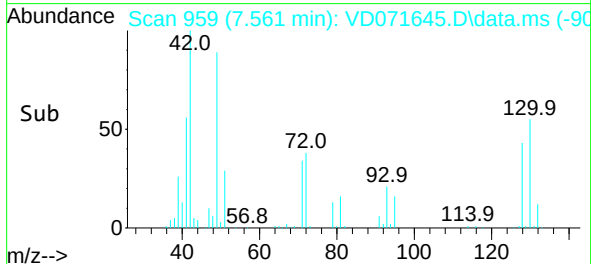
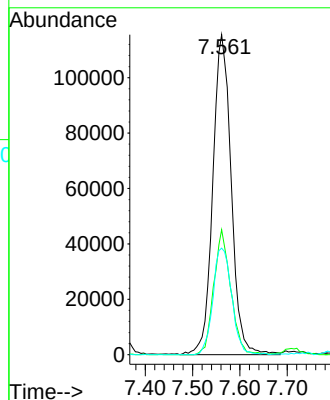
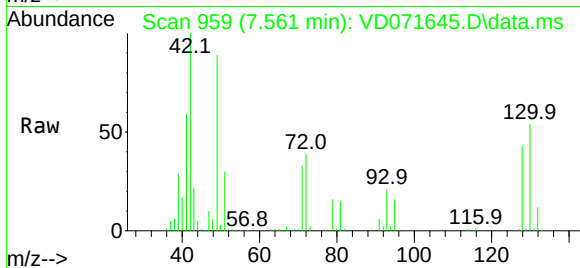
Tgt Ion: 42 Resp: 312191

Ion Ratio Lower Upper

42 100

72 36.0 29.6 44.4

71 33.9 27.3 40.9



#30

Chloroform

Concen: 91.348 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.006 min

Lab File: VD071645.D

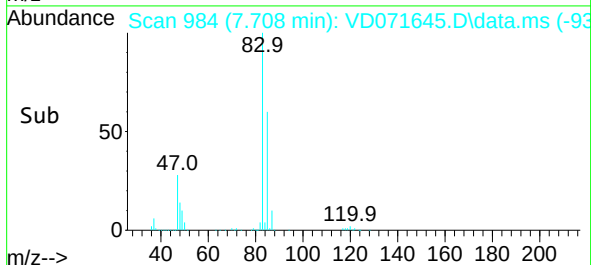
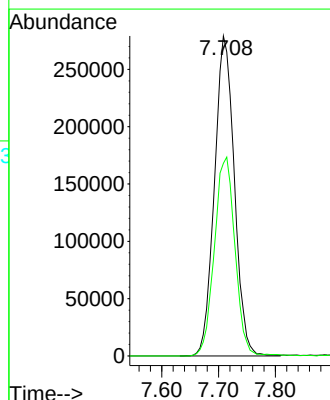
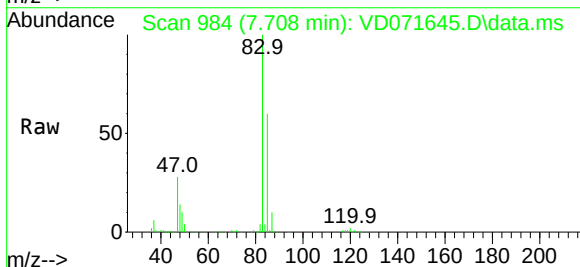
Acq: 07 Jan 2022 12:57

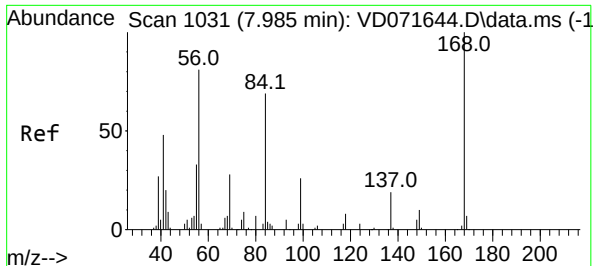
Tgt Ion: 83 Resp: 679340

Ion Ratio Lower Upper

83 100

85 60.2 52.4 78.6





#31

Cyclohexane

Concen: 82.794 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.005 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

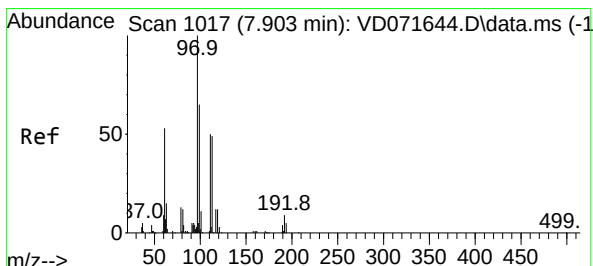
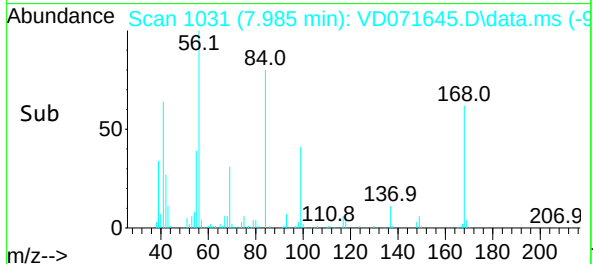
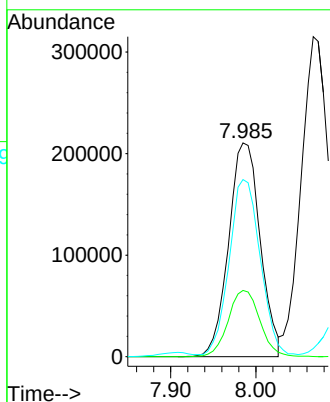
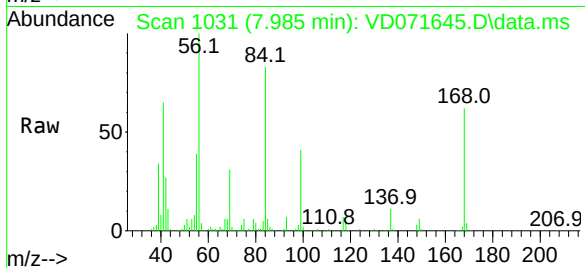
Tgt Ion: 56 Resp: 541286

Ion Ratio Lower Upper

56 100

69 31.0 21.7 32.5

84 80.7 65.7 98.5



#32

1,1,1-Trichloroethane

Concen: 91.672 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

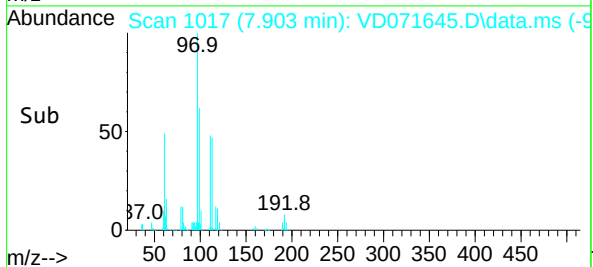
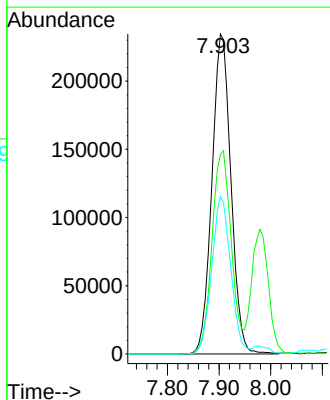
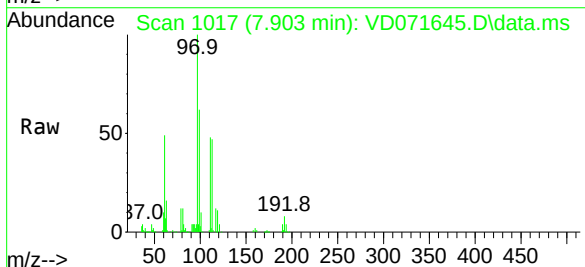
Tgt Ion: 97 Resp: 598536

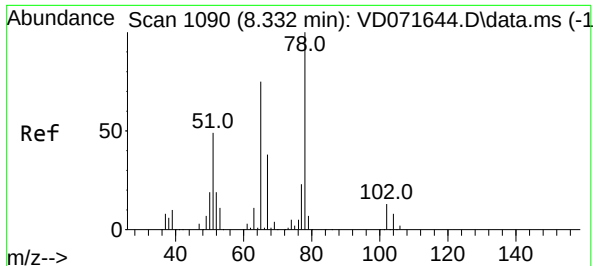
Ion Ratio Lower Upper

97 100

99 65.3 51.8 77.6

61 49.4 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 101.006 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

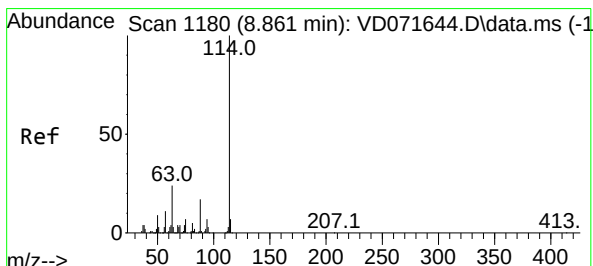
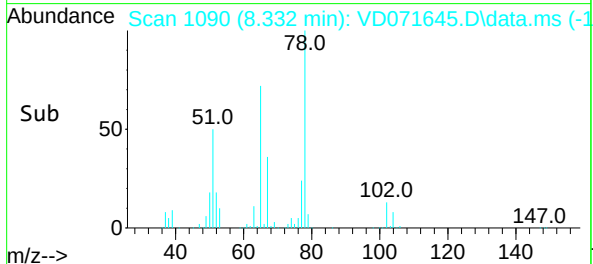
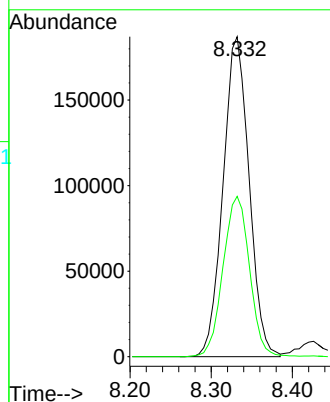
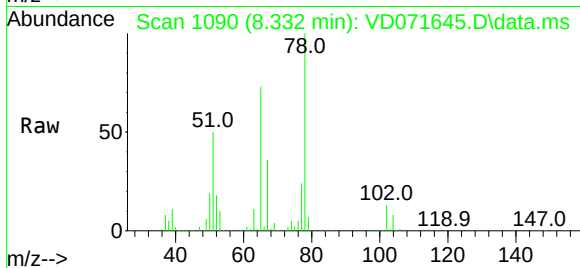
VSTDIC100

Tgt Ion: 65 Resp: 416326

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

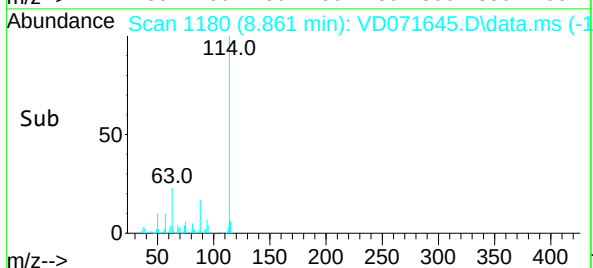
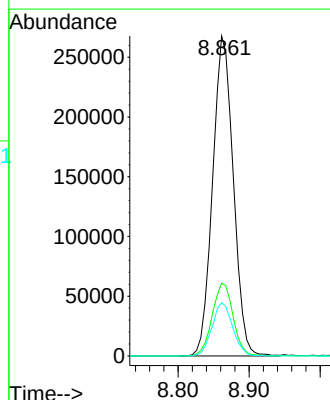
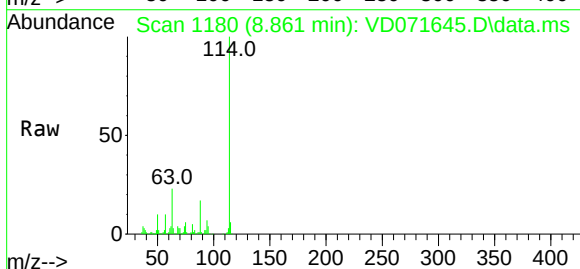
Tgt Ion: 114 Resp: 541349

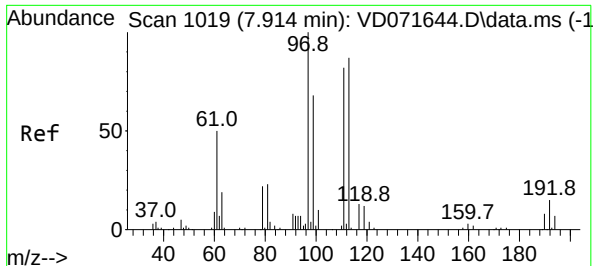
Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.2

88 16.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 105.212 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

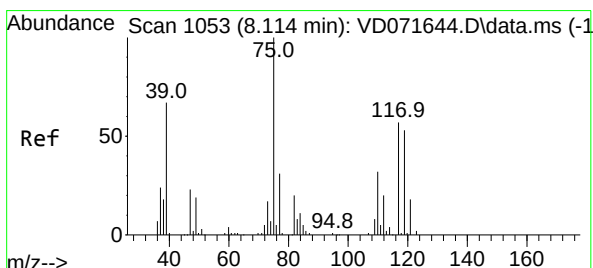
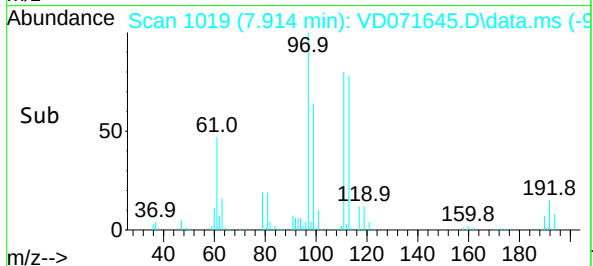
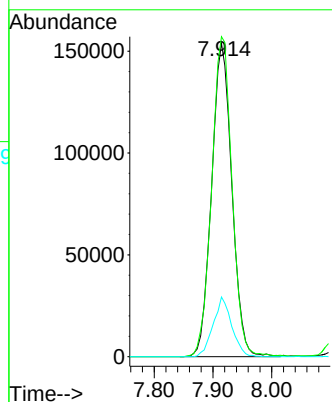
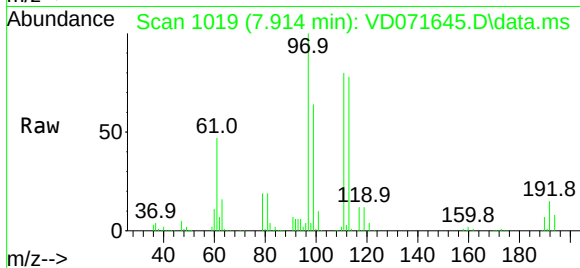
Tgt Ion:113 Resp: 368012

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 17.5 14.2 21.2



#36

1,1-Dichloropropene

Concen: 92.180 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

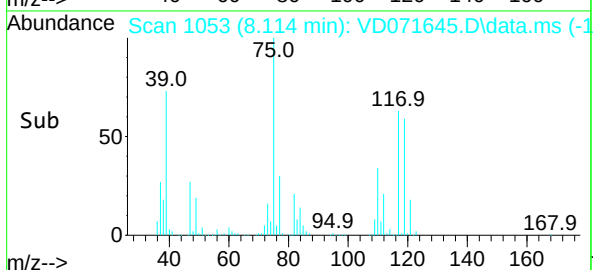
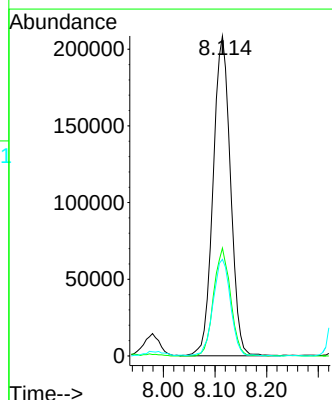
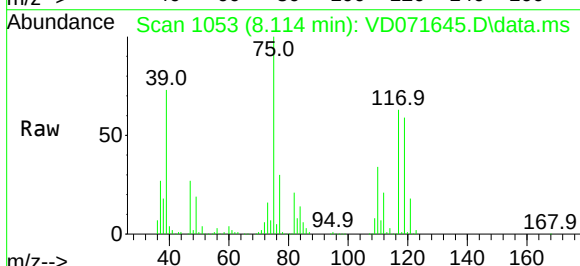
Tgt Ion: 75 Resp: 486520

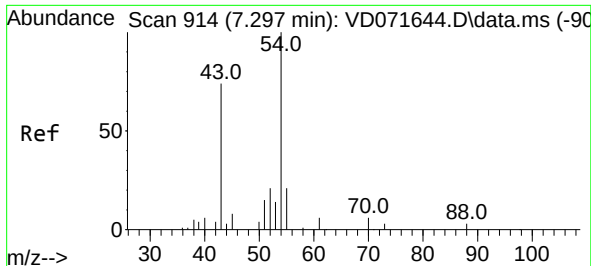
Ion Ratio Lower Upper

75 100

110 32.8 16.0 48.0

77 30.5 24.5 36.7





#37

Ethyl Acetate

Concen: 94.055 ug/l

RT: 7.297 min Scan# 914

Delta R.T. 0.006 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

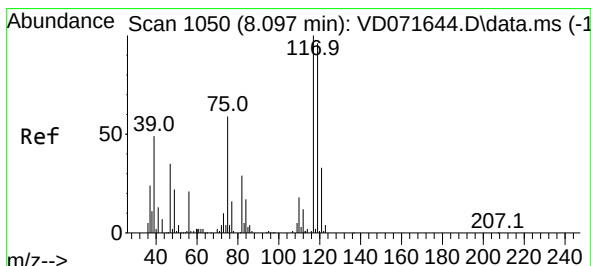
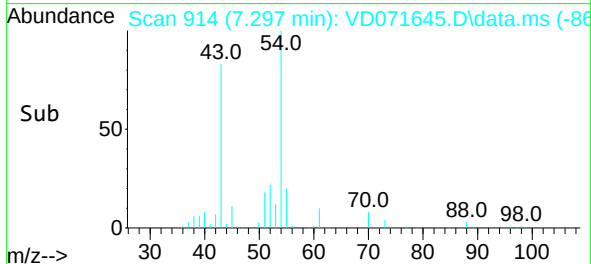
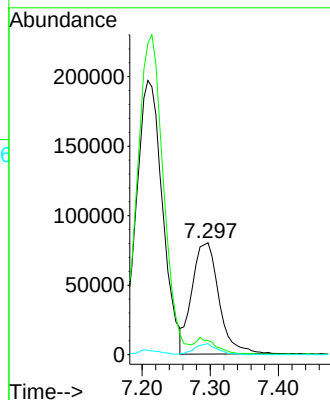
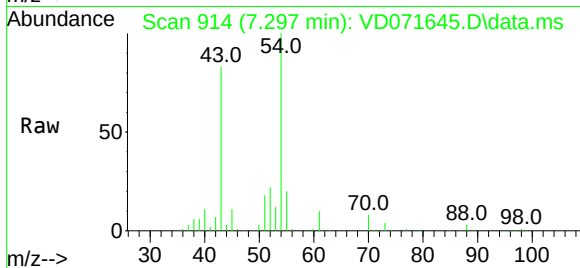
Tgt Ion: 43 Resp: 220096

Ion Ratio Lower Upper

43 100

61 11.3 11.0 16.4

70 8.5 7.4 11.2



#38

Carbon Tetrachloride

Concen: 92.884 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.006 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

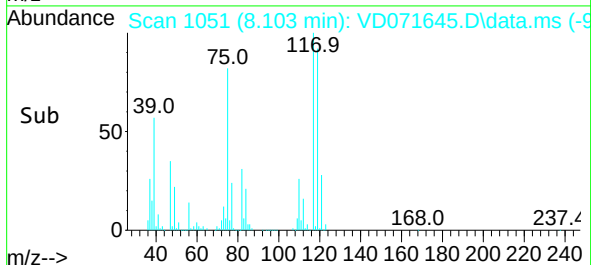
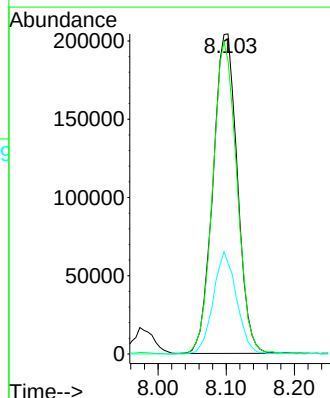
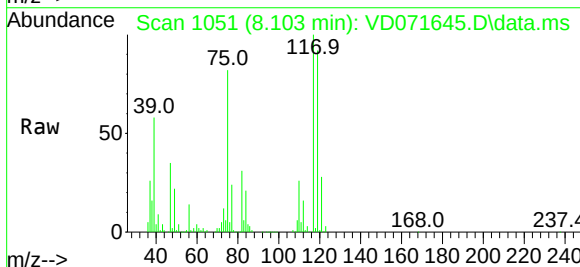
Tgt Ion: 117 Resp: 507275

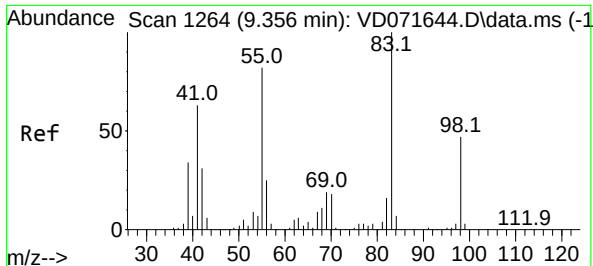
Ion Ratio Lower Upper

117 100

119 91.6 73.4 110.2

121 28.4 23.9 35.9





#39

Methylcyclohexane

Concen: 94.597 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

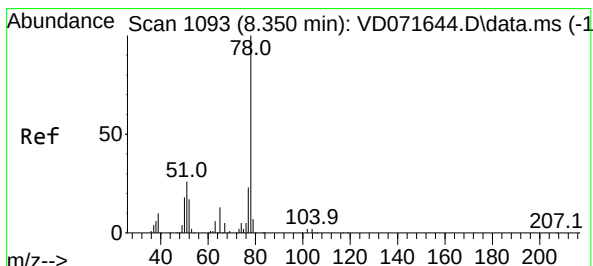
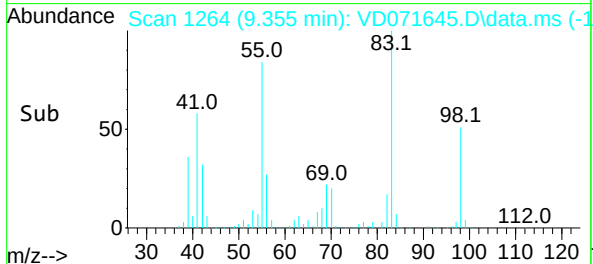
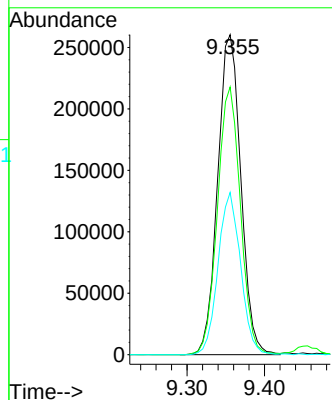
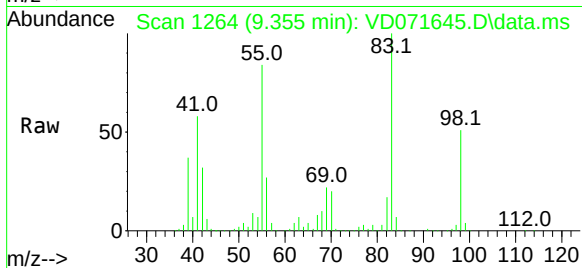
Tgt Ion: 83 Resp: 541548

Ion Ratio Lower Upper

83 100

55 83.7 70.1 105.1

98 50.7 39.2 58.8



#40

Benzene

Concen: 94.221 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD071645.D

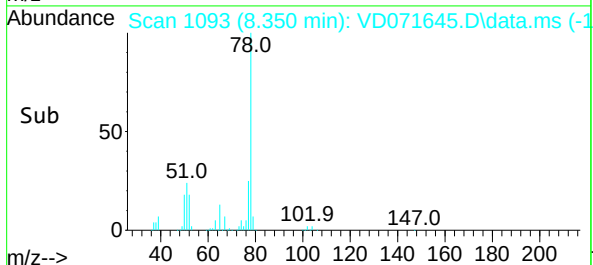
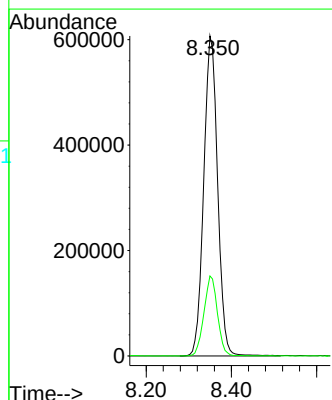
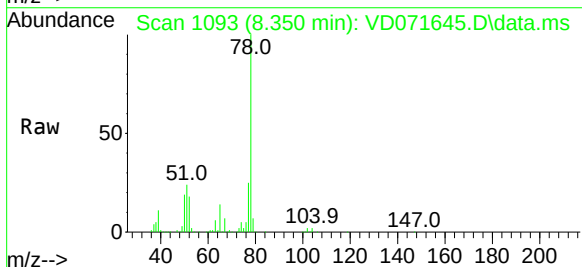
Acq: 07 Jan 2022 12:57

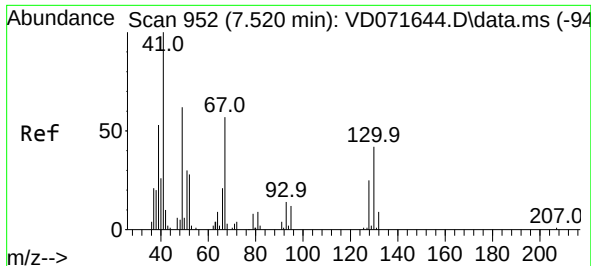
Tgt Ion: 78 Resp: 1371998

Ion Ratio Lower Upper

78 100

77 25.0 19.4 29.0

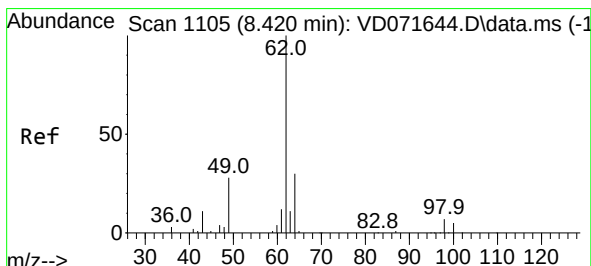
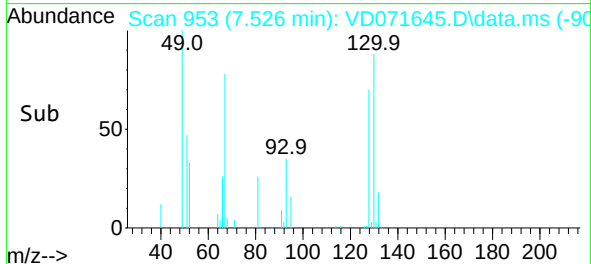
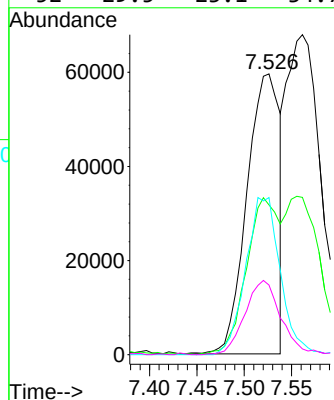
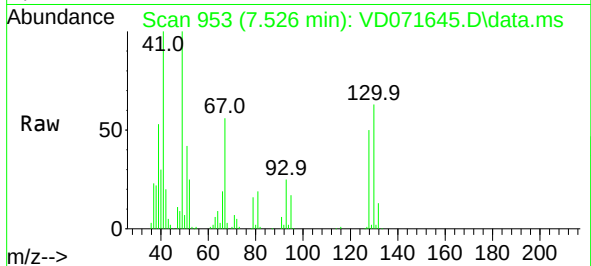




#41
Methacrylonitrile
Concen: 95.330 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

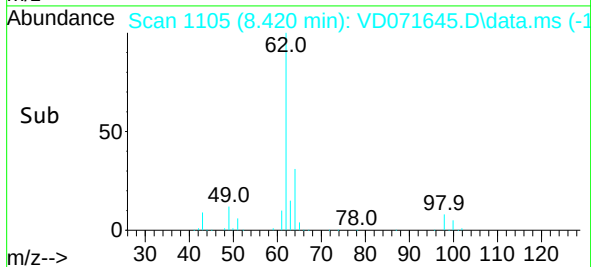
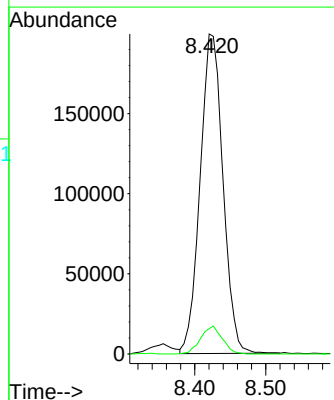
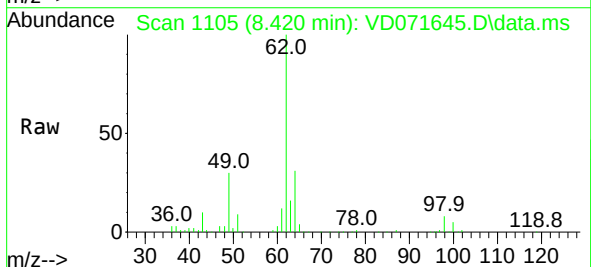
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

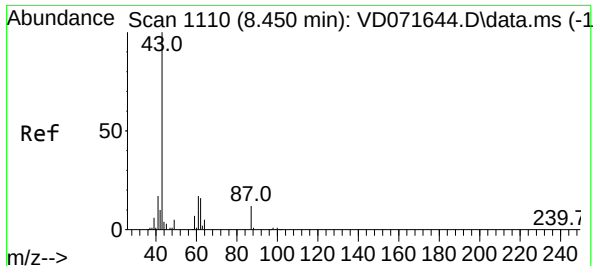
Tgt Ion: 41 Resp: 142630
Ion Ratio Lower Upper
41 100
39 56.1 46.9 70.3
67 59.7 49.3 73.9
52 29.5 23.1 34.7



#42
1,2-Dichloroethane
Concen: 92.030 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 62 Resp: 446280
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.4

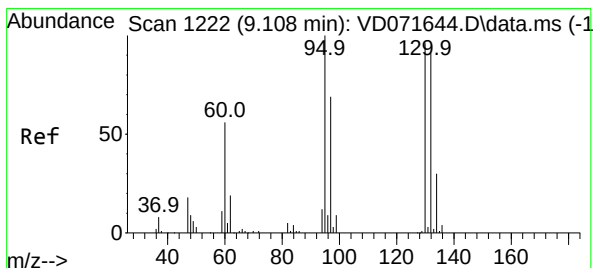
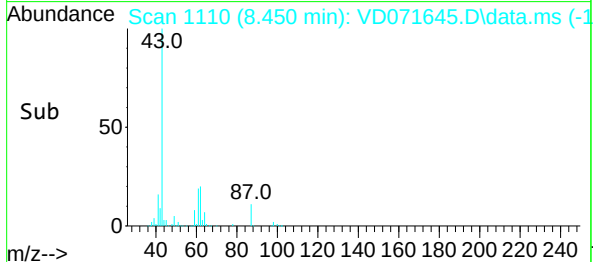
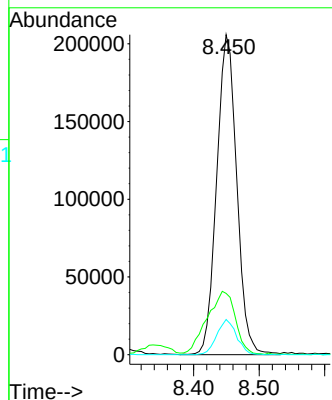
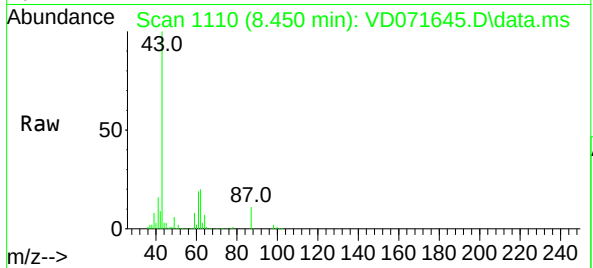




#43
Isopropyl Acetate
Concen: 94.300 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

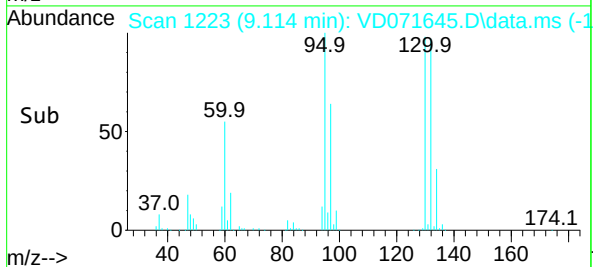
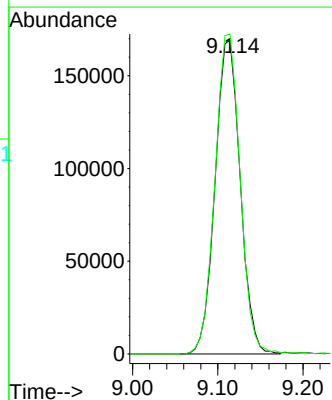
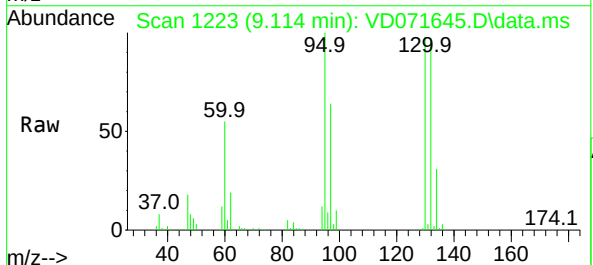
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

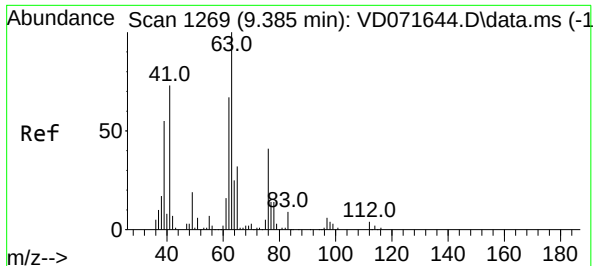
Tgt Ion: 43 Resp: 437025
Ion Ratio Lower Upper
43 100
61 27.9 21.9 32.9
87 10.8 8.9 13.3



#44
Trichloroethene
Concen: 94.100 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion:130 Resp: 346934
Ion Ratio Lower Upper
130 100
95 102.0 0.0 214.4





#45

1,2-Dichloropropane

Concen: 92.956 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

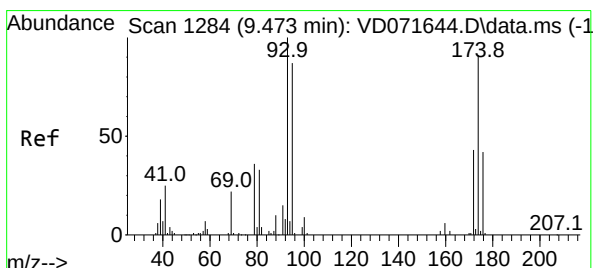
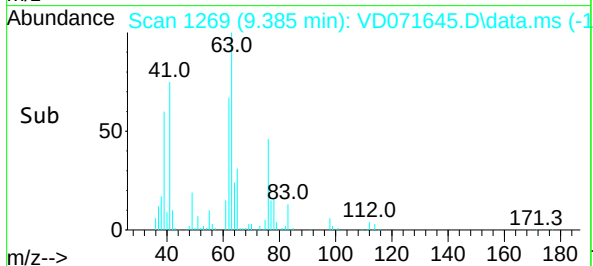
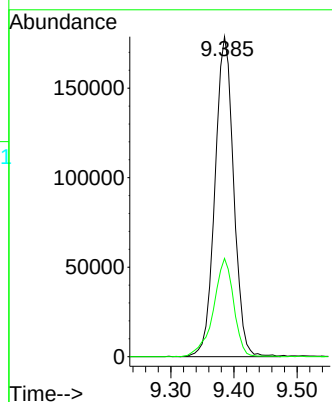
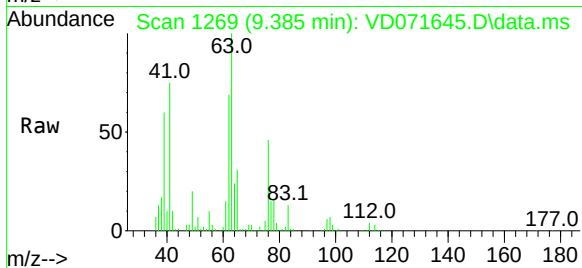
VSTDIC100

Tgt Ion: 63 Resp: 367547

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



#46

Dibromomethane

Concen: 90.791 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

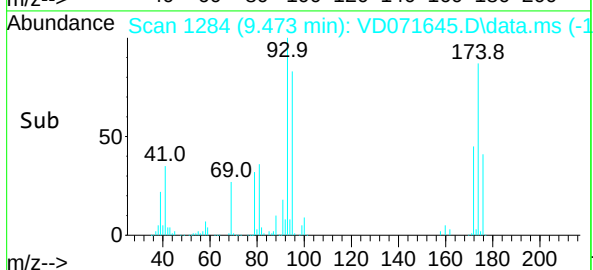
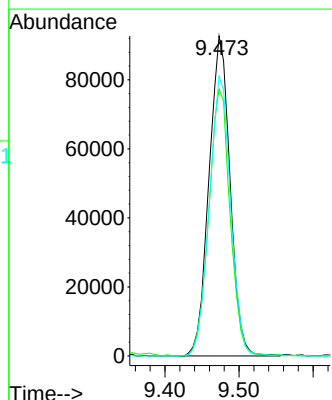
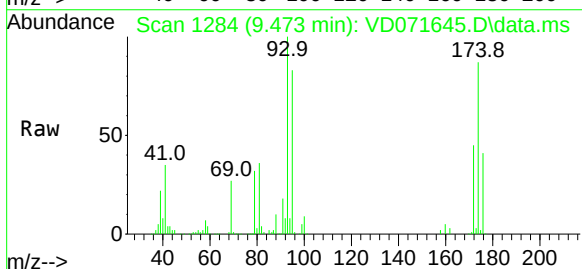
Tgt Ion: 93 Resp: 183170

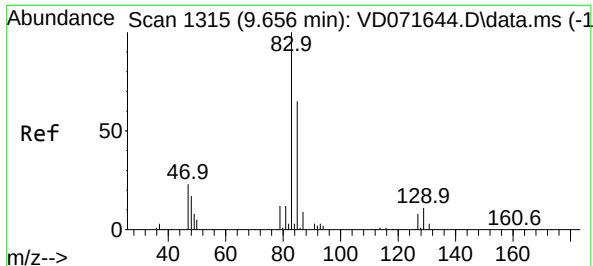
Ion Ratio Lower Upper

93 100

95 84.2 65.1 97.7

174 88.3 68.1 102.1

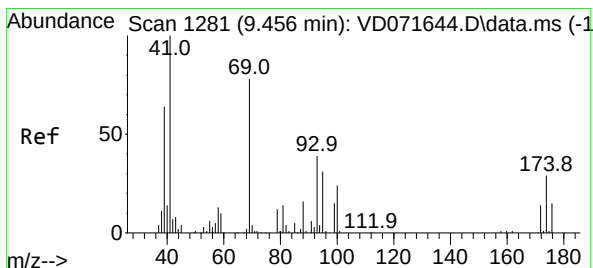
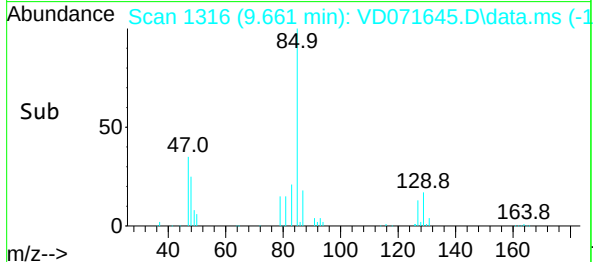
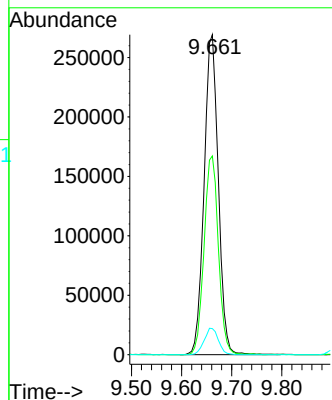
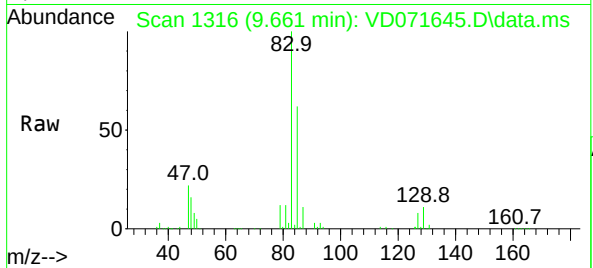




#47
Bromodichloromethane
Concen: 95.319 ug/l
RT: 9.661 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

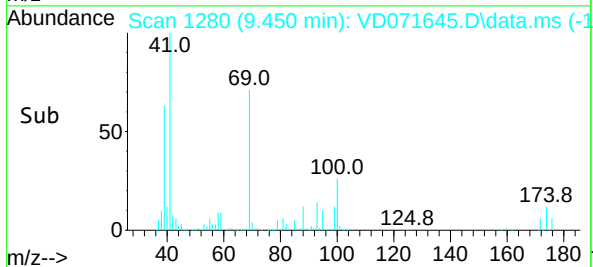
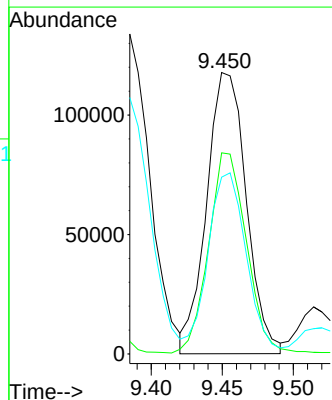
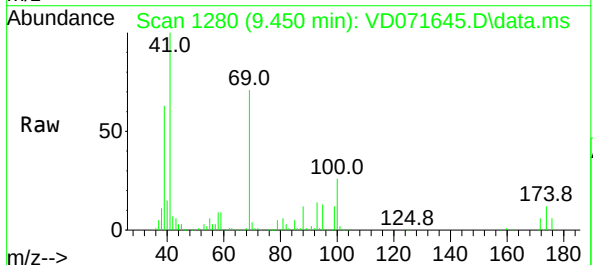
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

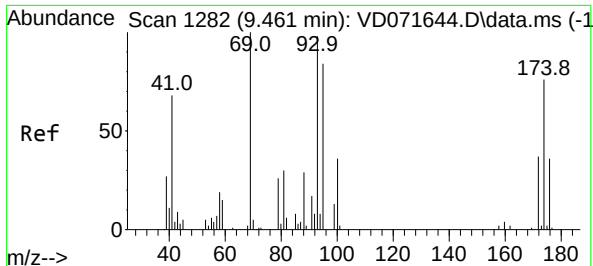
Tgt Ion: 83 Resp: 530209
Ion Ratio Lower Upper
83 100
85 62.1 50.6 75.8
127 8.2 6.1 9.1



#48
Methyl methacrylate
Concen: 97.407 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 41 Resp: 228295
Ion Ratio Lower Upper
41 100
69 69.6 59.5 89.3
39 62.1 56.0 84.0





#49

1,4-Dioxane

Concen: 1888.063 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.006 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

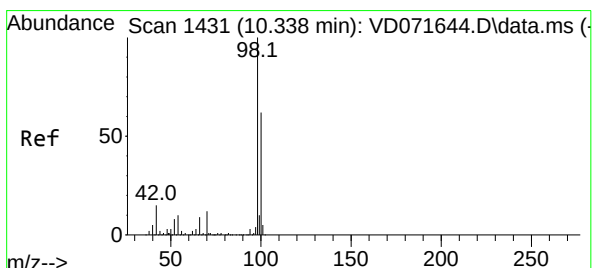
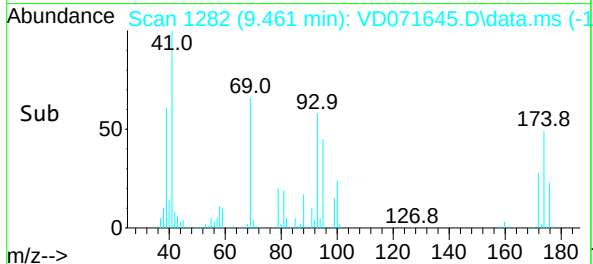
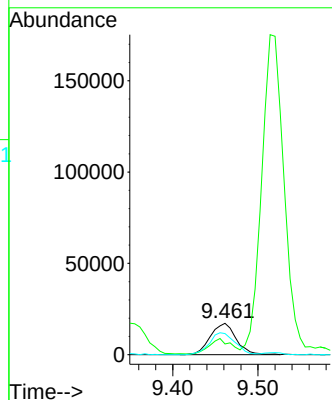
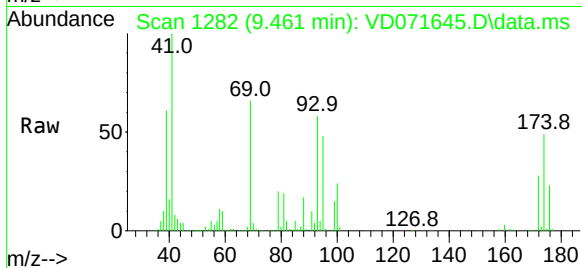
Tgt Ion: 88 Resp: 36223

Ion Ratio Lower Upper

88 100

43 41.0 34.6 52.0

58 69.9 62.0 93.0



#50

Toluene-d8

Concen: 110.570 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD071645.D

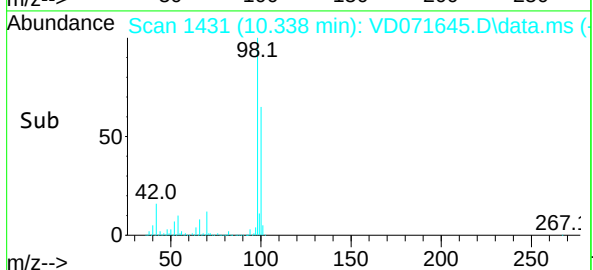
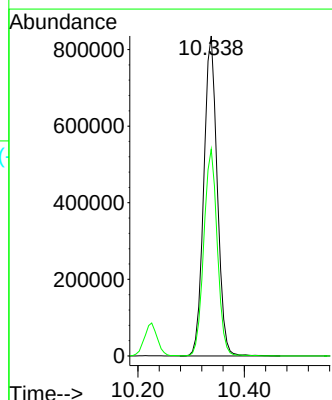
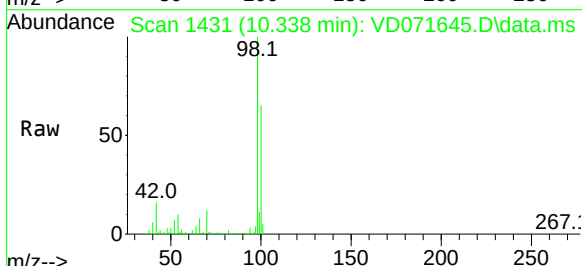
Acq: 07 Jan 2022 12:57

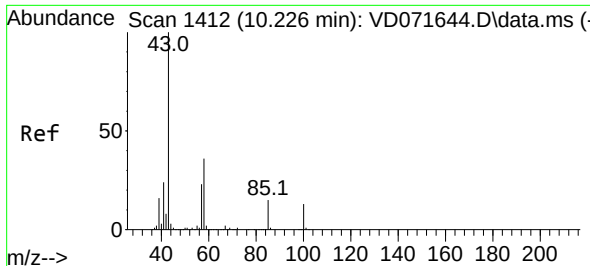
Tgt Ion: 98 Resp: 1460020

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

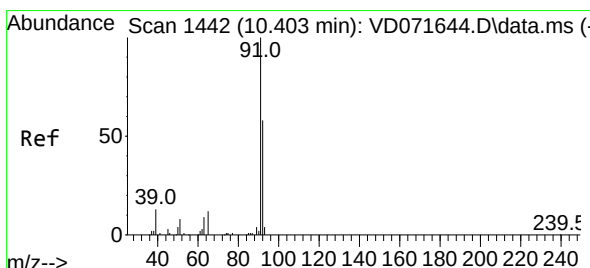
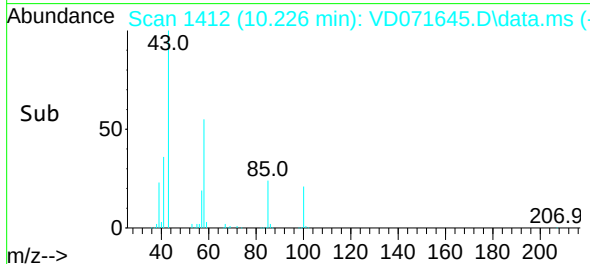
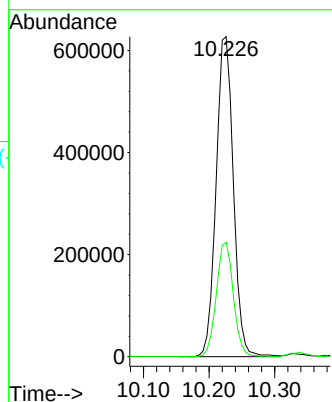
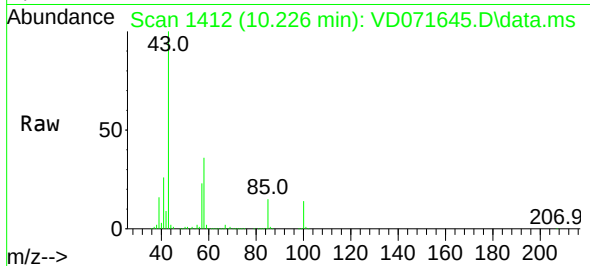




#51
4-Methyl-2-Pentanone
Concen: 471.140 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

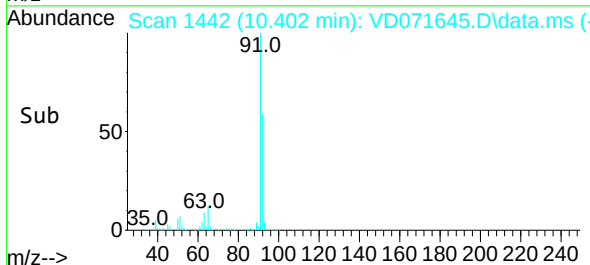
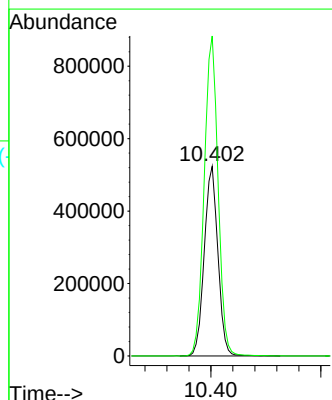
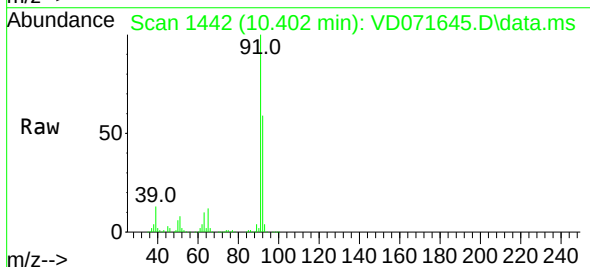
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

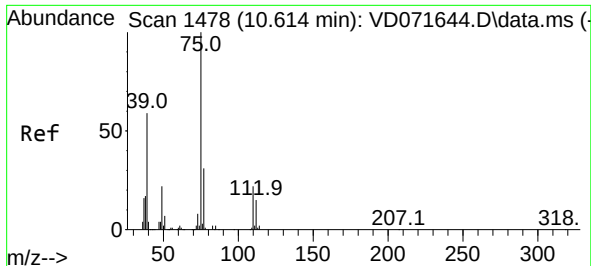
Tgt Ion: 43 Resp: 1143733
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.2



#52
Toluene
Concen: 96.661 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 92 Resp: 900733
Ion Ratio Lower Upper
92 100
91 171.2 137.3 205.9

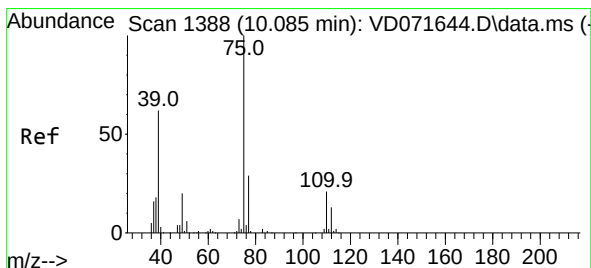
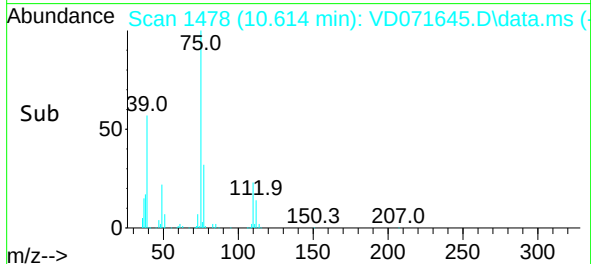
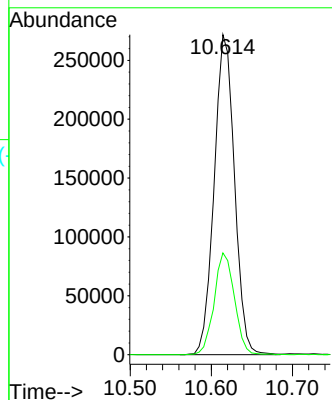
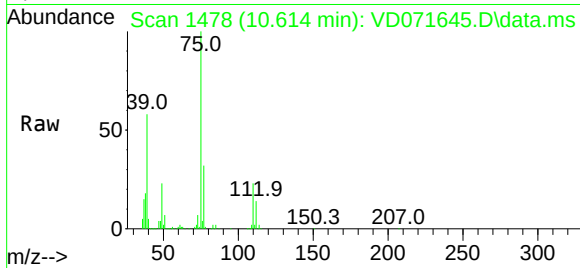




#53
t-1,3-Dichloropropene
Concen: 96.696 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

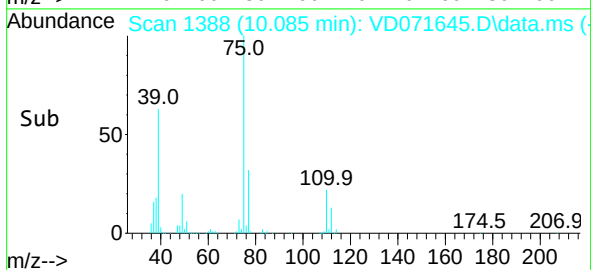
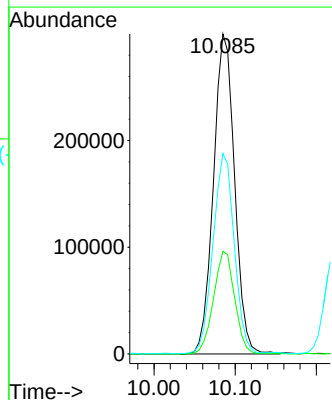
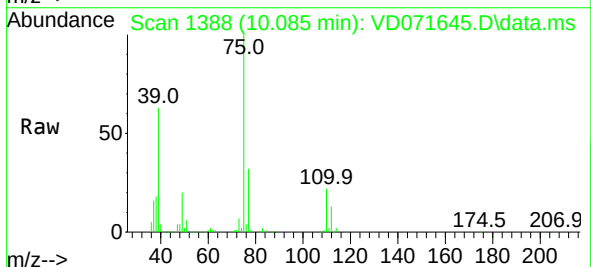
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

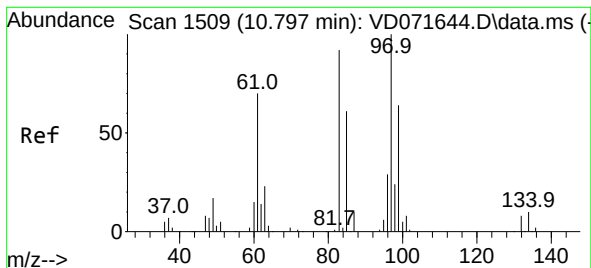
Tgt Ion: 75 Resp: 473422
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.2



#54
cis-1,3-Dichloropropene
Concen: 94.952 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 75 Resp: 542866
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6
39 62.5 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 91.886 ug/l

RT: 10.797 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 249133

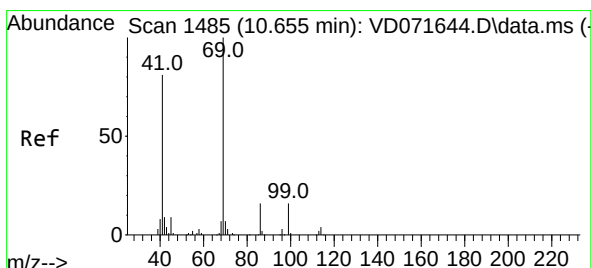
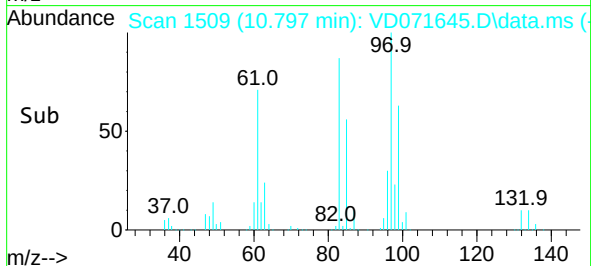
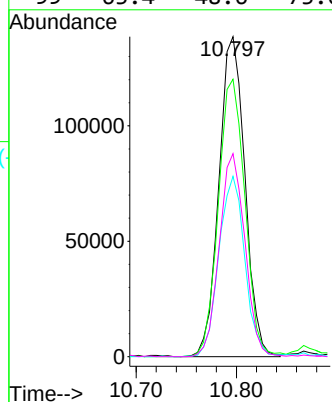
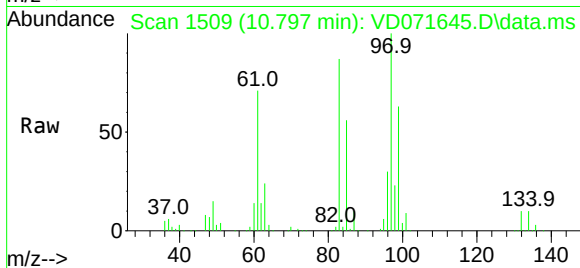
Ion Ratio Lower Upper

97 100

83 86.7 68.1 102.1

85 56.3 46.8 70.2

99 63.4 48.6 73.0



#56

Ethyl methacrylate

Concen: 96.856 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

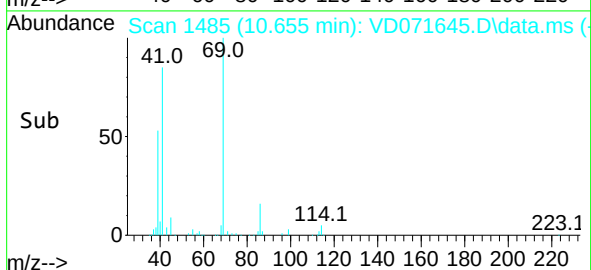
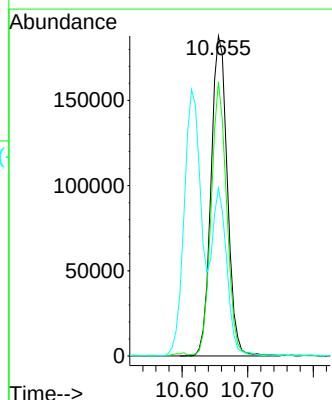
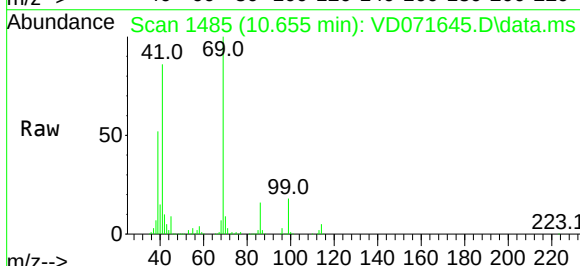
Tgt Ion: 69 Resp: 324240

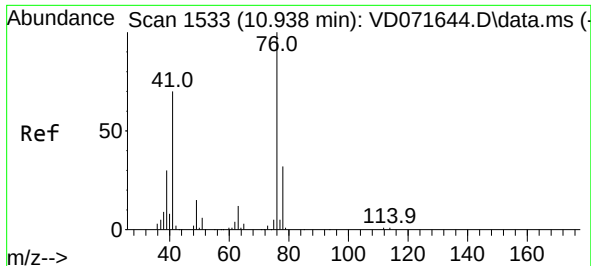
Ion Ratio Lower Upper

69 100

41 82.9 65.8 98.6

39 47.4 38.7 58.1





#57

1,3-Dichloropropane

Concen: 94.788 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

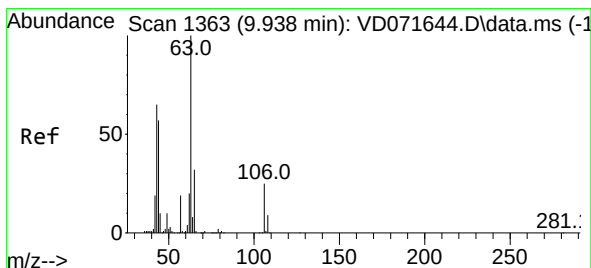
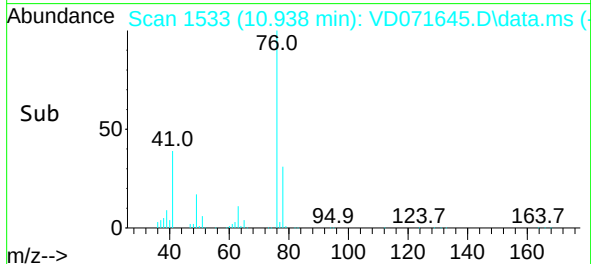
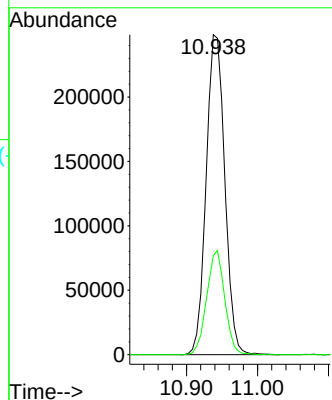
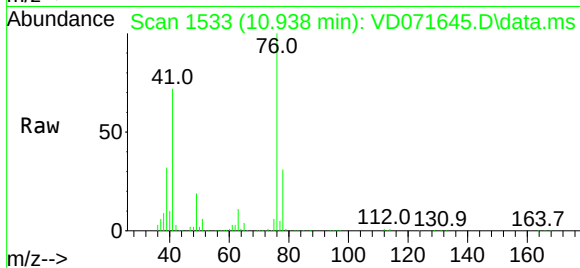
VSTDICC100

Tgt Ion: 76 Resp: 453206

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 547.015 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.001 min

Lab File: VD071645.D

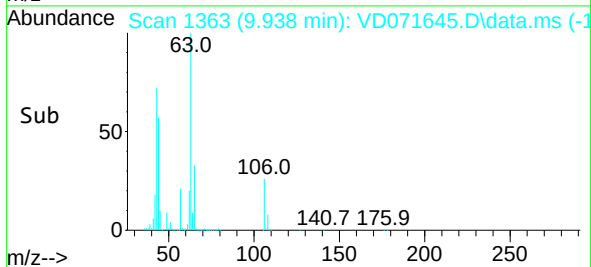
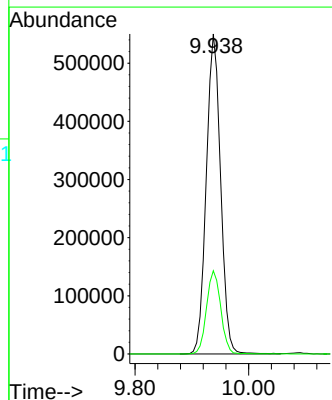
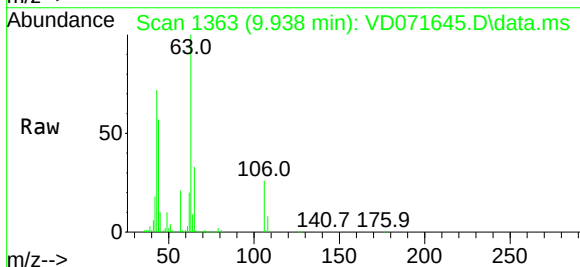
Acq: 07 Jan 2022 12:57

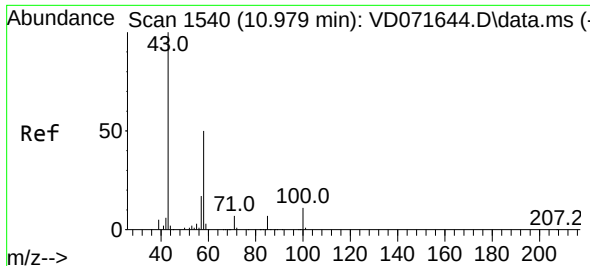
Tgt Ion: 63 Resp: 958910

Ion Ratio Lower Upper

63 100

106 25.8 20.7 31.1

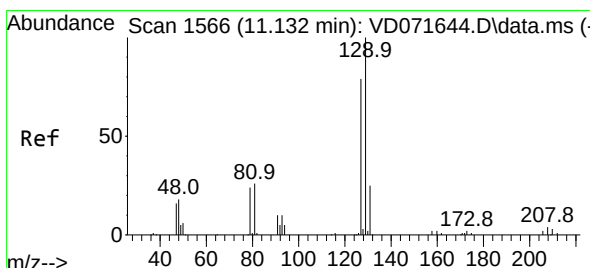
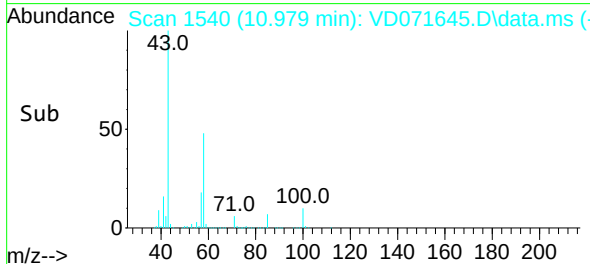
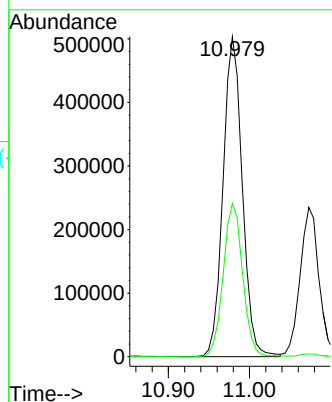
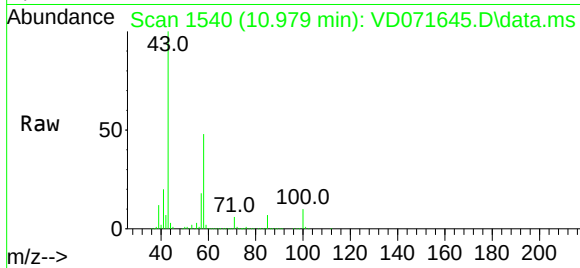




#59
2-Hexanone
Concen: 483.753 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

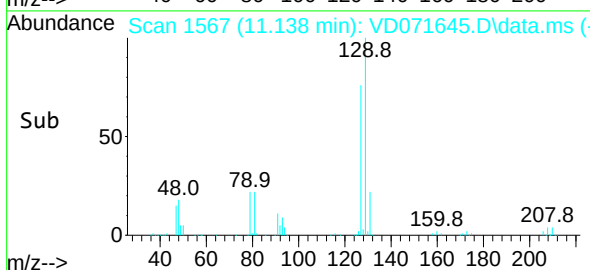
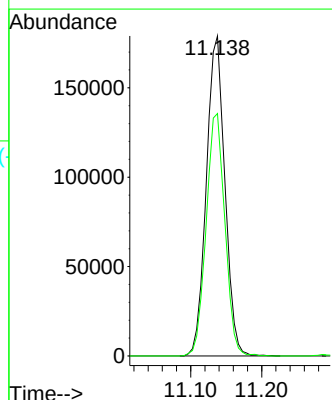
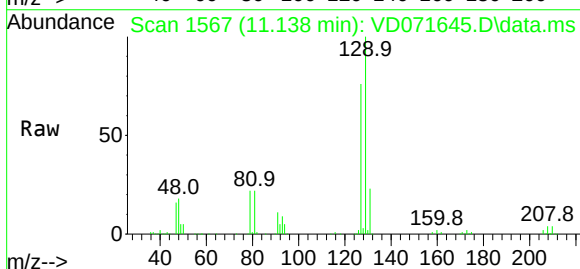
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

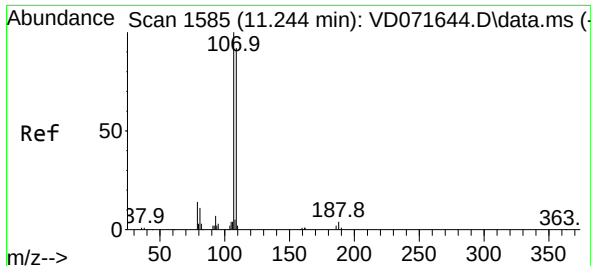
Tgt Ion: 43 Resp: 830059
Ion Ratio Lower Upper
43 100
58 48.5 24.3 72.8



#60
Dibromochloromethane
Concen: 94.917 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 129 Resp: 324950
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3

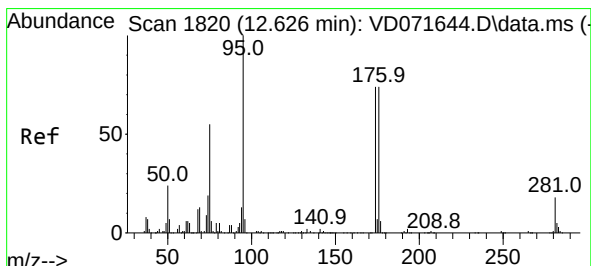
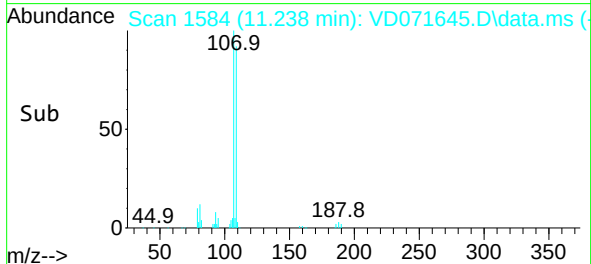
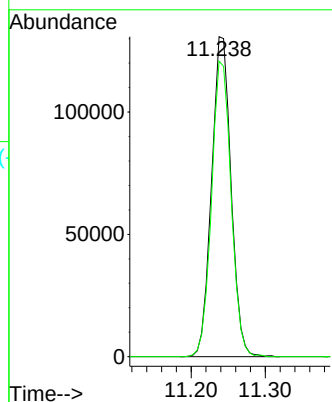
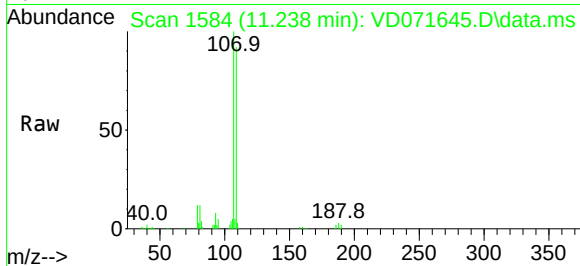




#61
1,2-Dibromoethane
Concen: 95.532 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

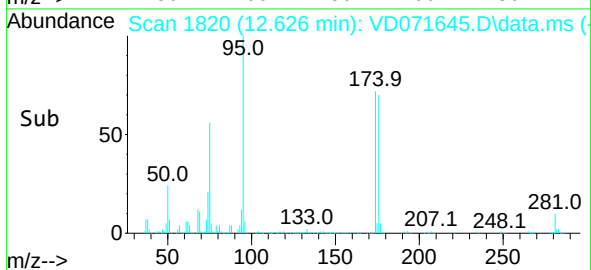
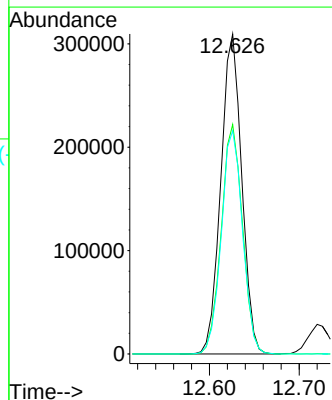
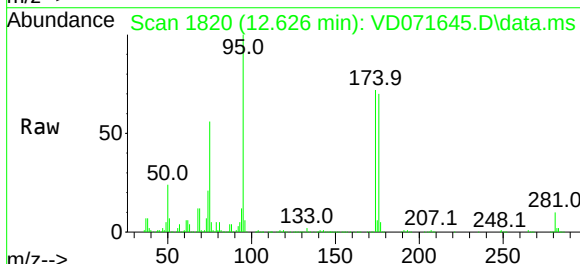
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

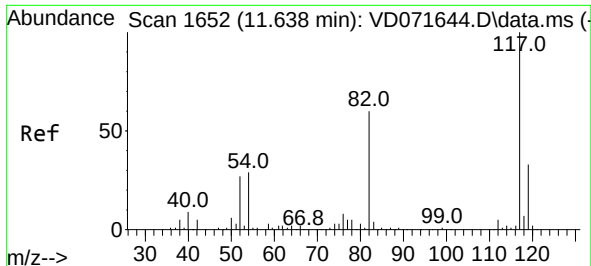
Tgt Ion:107 Resp: 238467
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 109.582 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 95 Resp: 500970
Ion Ratio Lower Upper
95 100
174 72.7 0.0 150.0
176 70.9 0.0 146.4

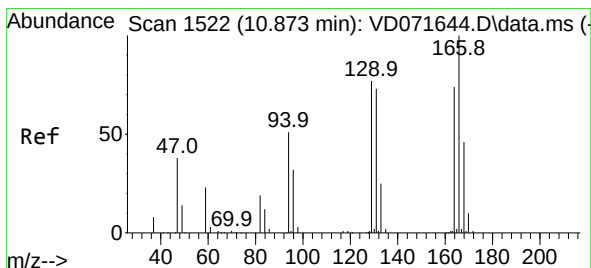
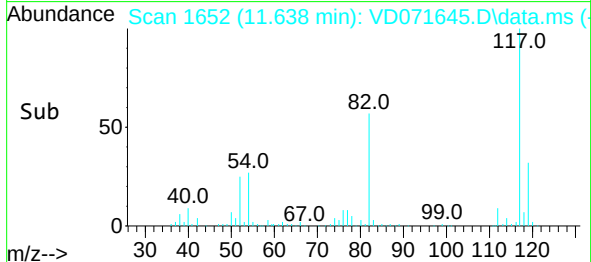
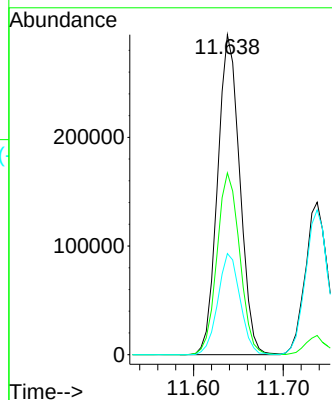
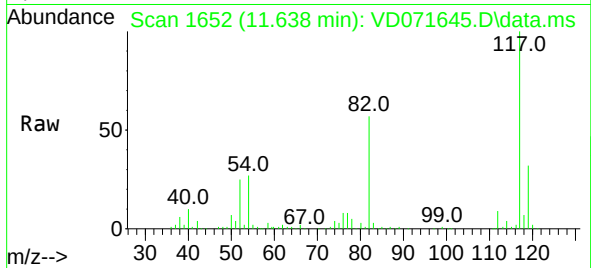




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

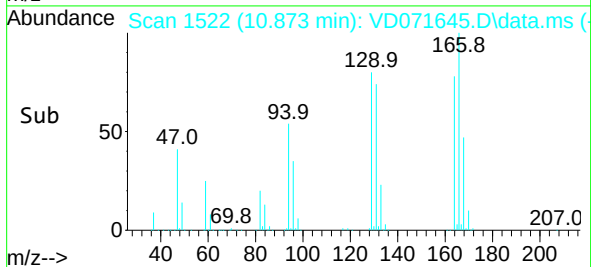
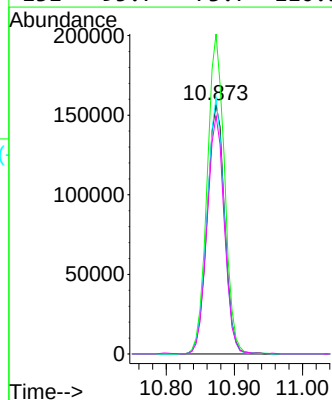
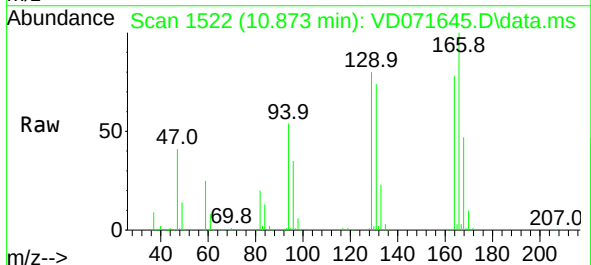
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

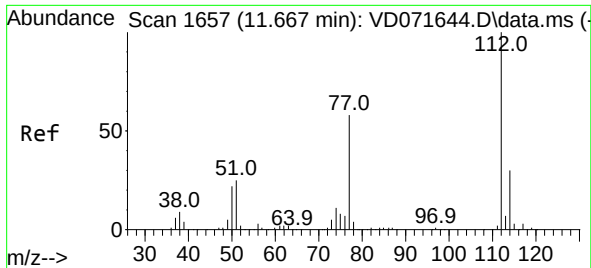
Tgt Ion:117 Resp: 506127
Ion Ratio Lower Upper
117 100
82 56.8 46.9 70.3
119 31.6 26.6 39.8



#64
Tetrachloroethene
Concen: 88.971 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion:164 Resp: 281171
Ion Ratio Lower Upper
164 100
166 128.5 100.2 150.2
129 102.8 82.0 123.0
131 95.7 73.7 110.5

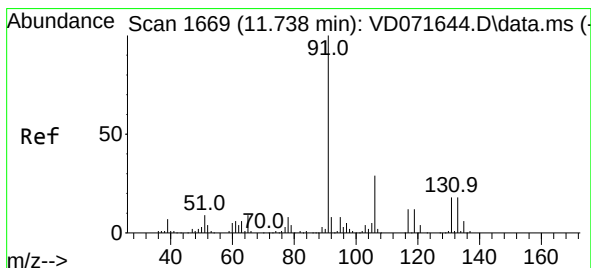
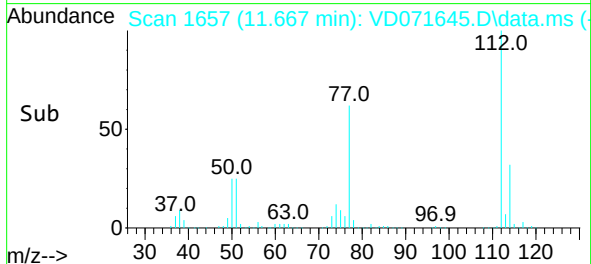
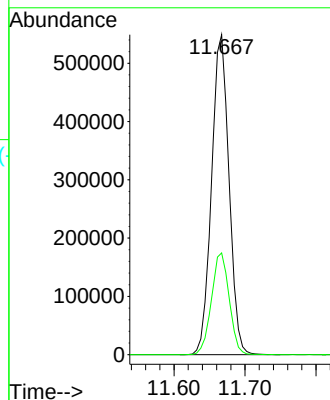
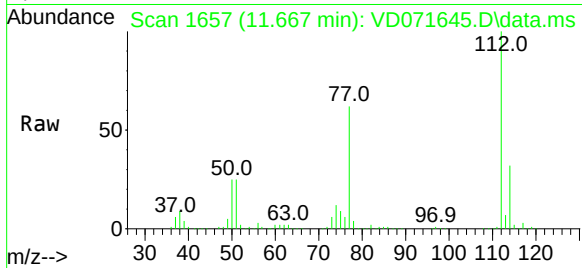




#65
Chlorobenzene
Concen: 93.728 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

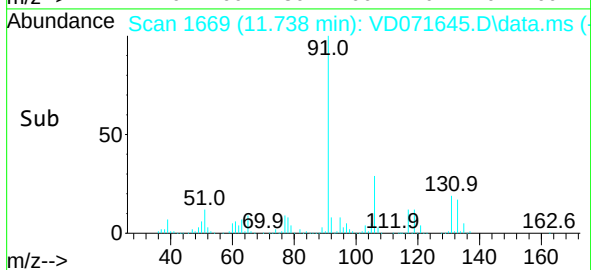
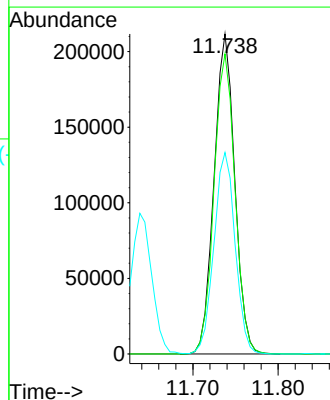
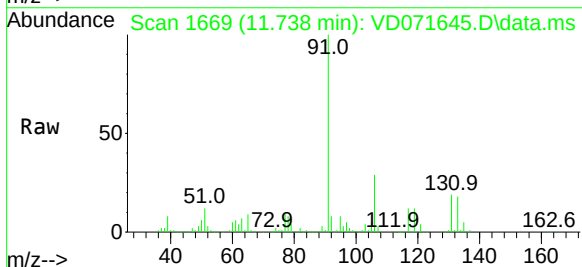
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

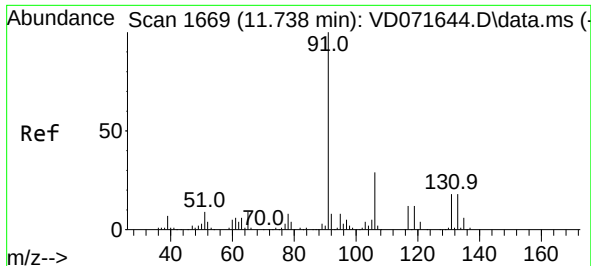
Tgt Ion:112 Resp: 934513
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 96.527 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion:131 Resp: 356741
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 64.6 33.8 101.4

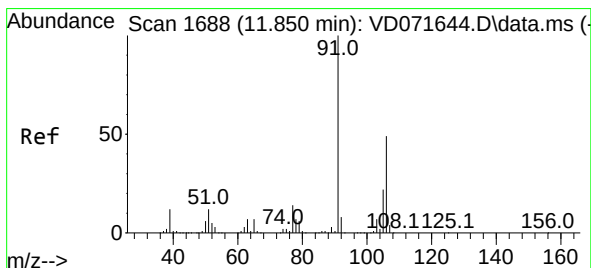
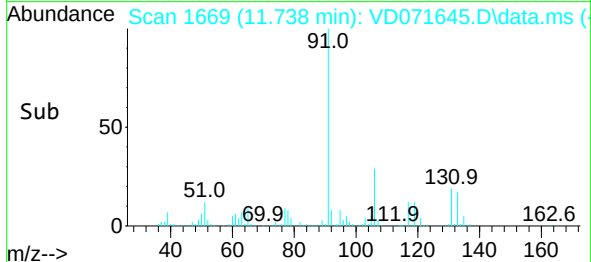
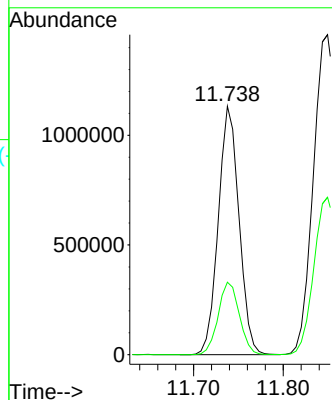
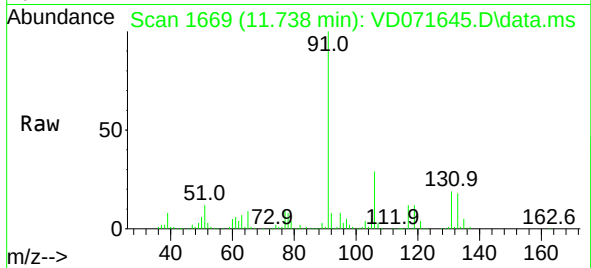




#67
Ethyl Benzene
Concen: 97.305 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

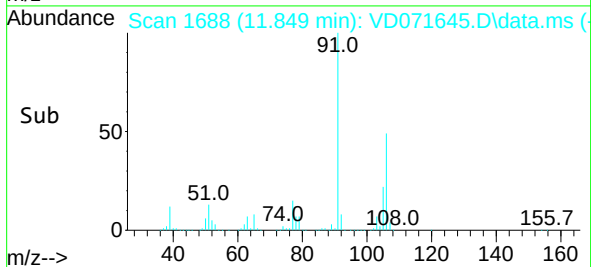
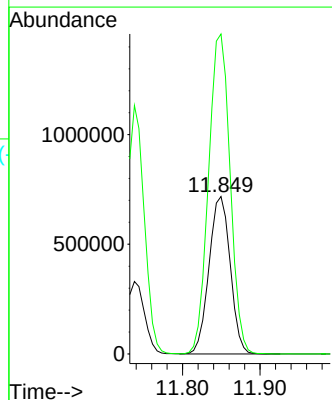
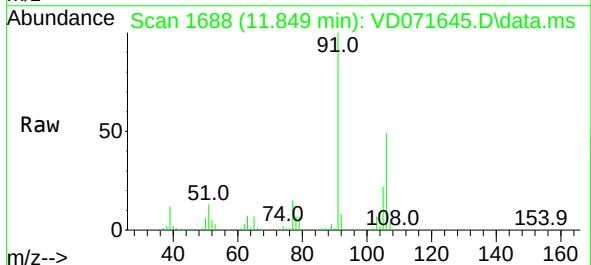
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

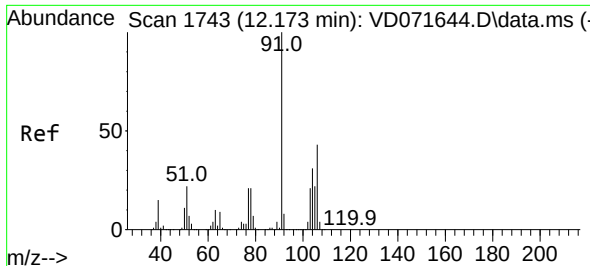
Tgt Ion: 91 Resp: 1815388
Ion Ratio Lower Upper
91 100
106 29.2 23.6 35.4



#68
m/p-Xylenes
Concen: 196.281 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 106 Resp: 1364995
Ion Ratio Lower Upper
106 100
91 206.8 168.6 252.8

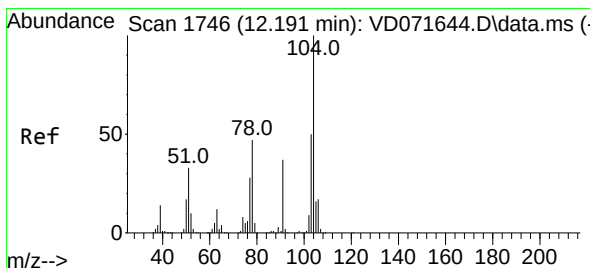
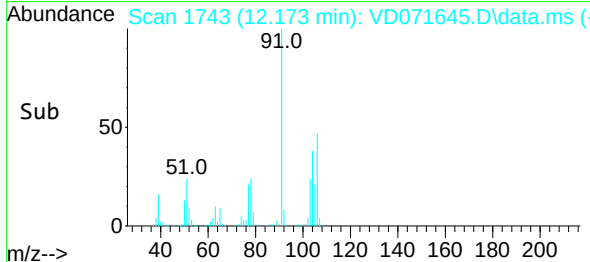
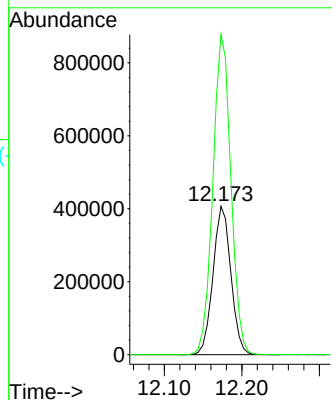
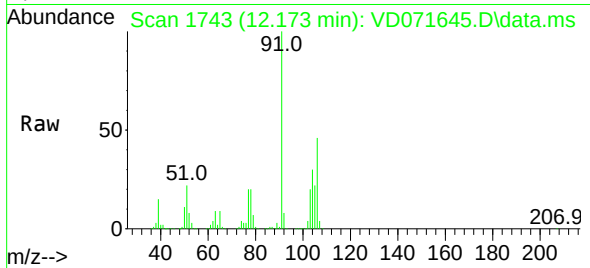




#69
o-Xylene
Concen: 99.556 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

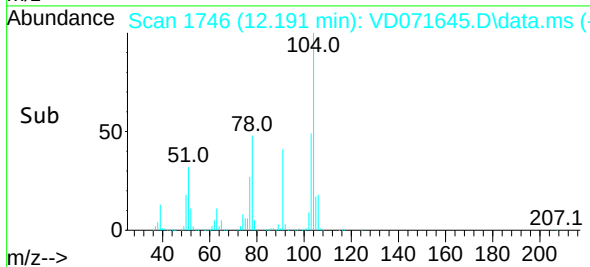
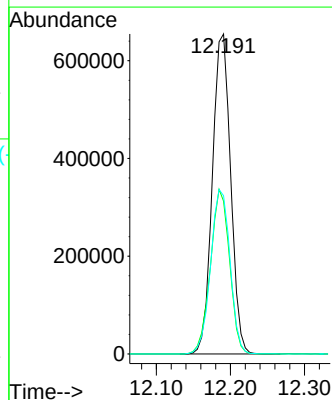
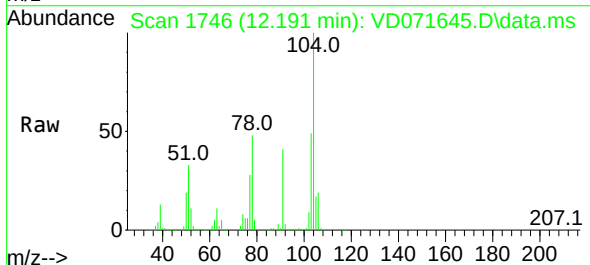
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

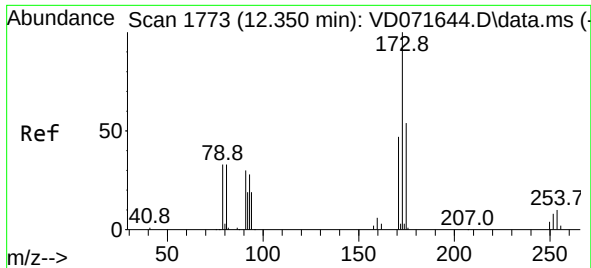
Tgt Ion:106 Resp: 651782
Ion Ratio Lower Upper
106 100
91 217.9 110.9 332.9



#70
Styrene
Concen: 99.714 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion:104 Resp: 1121990
Ion Ratio Lower Upper
104 100
78 53.8 42.8 64.2
103 54.6 43.6 65.4

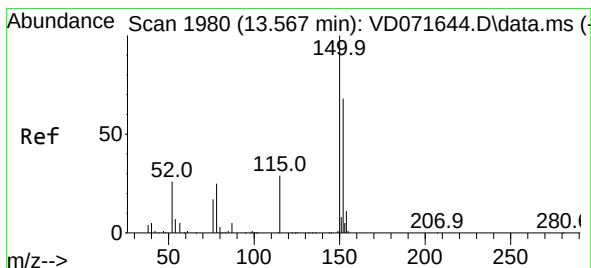
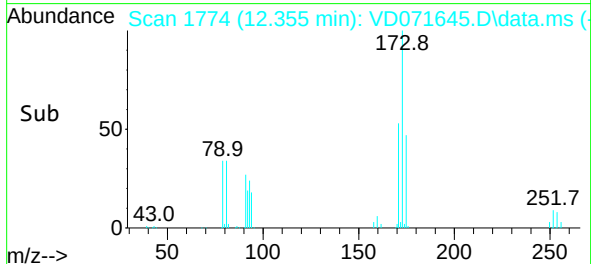
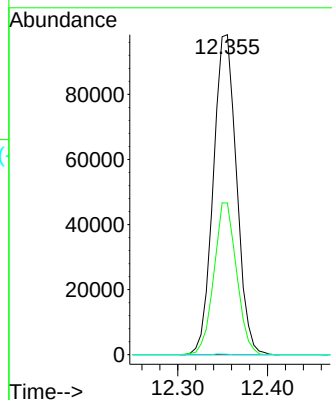
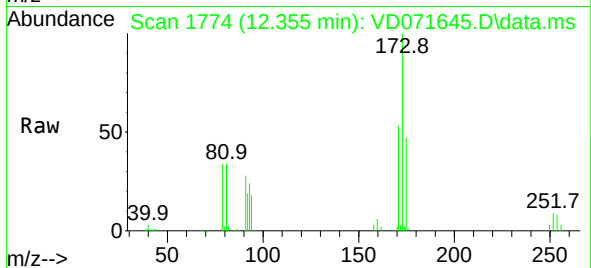




#71
Bromoform
Concen: 92.442 ug/l
RT: 12.355 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

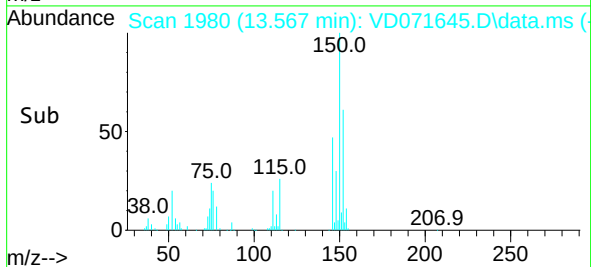
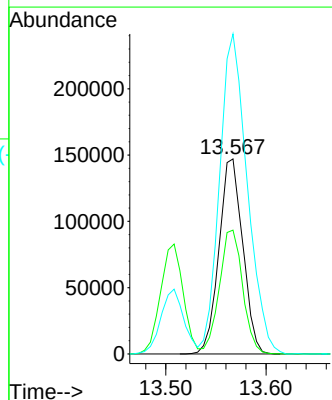
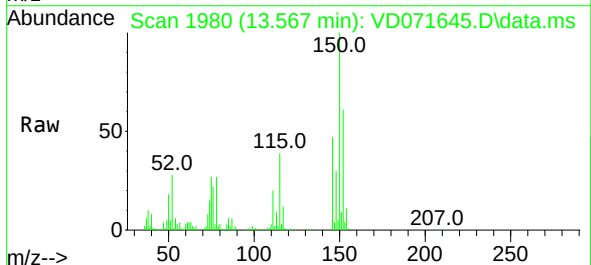
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

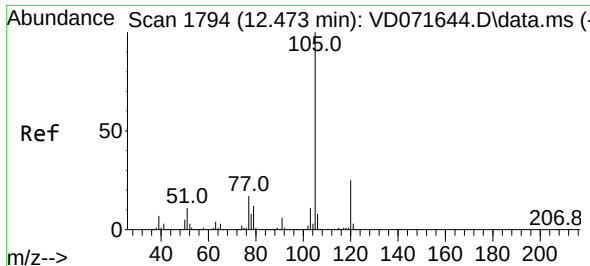
Tgt Ion:173 Resp: 177075
Ion Ratio Lower Upper
173 100
175 46.2 24.4 73.2
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion:152 Resp: 242075
Ion Ratio Lower Upper
152 100
115 62.5 31.5 94.5
150 191.0 0.0 348.0

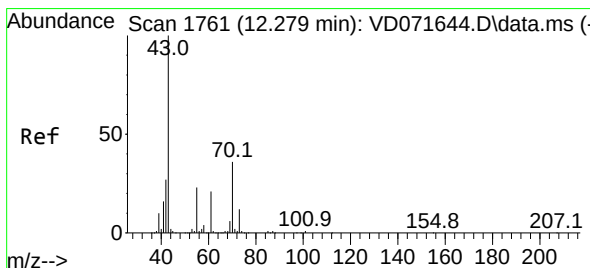
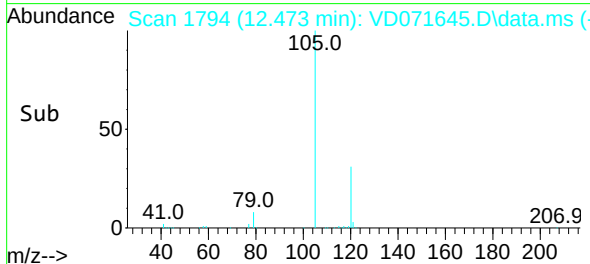
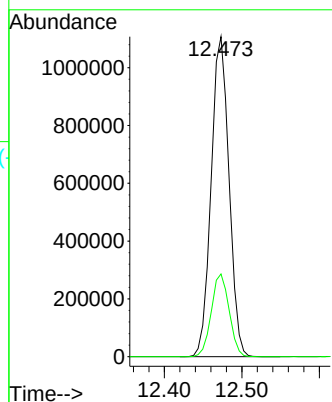
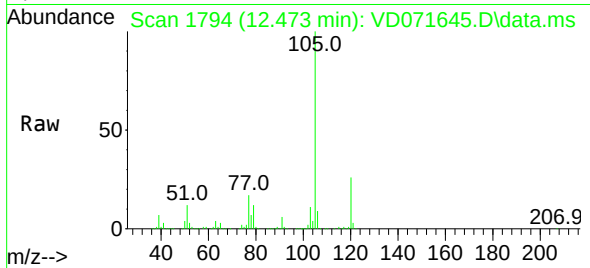




#73
Isopropylbenzene
Concen: 96.135 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

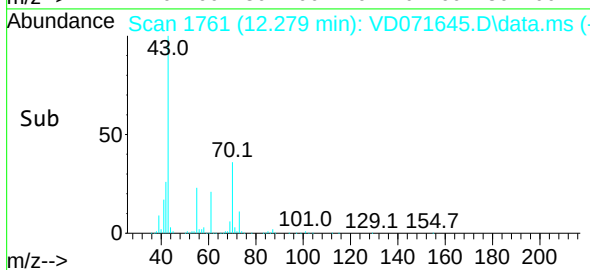
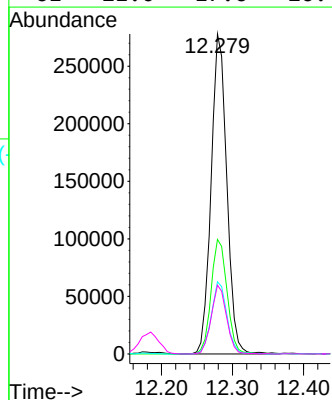
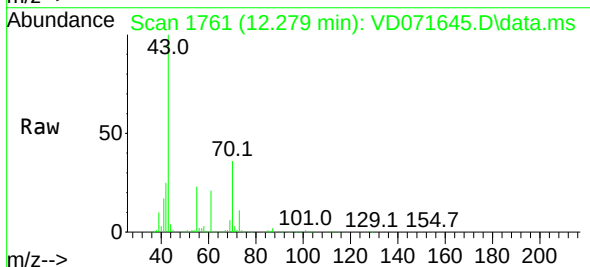
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

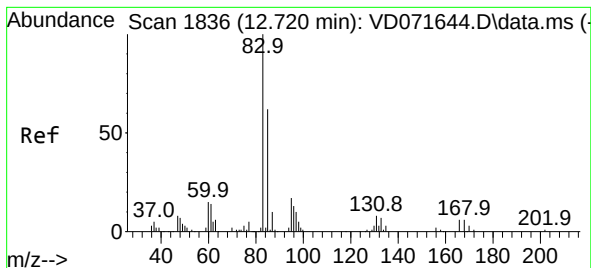
Tgt Ion:105 Resp: 1772297
Ion Ratio Lower Upper
105 100
120 25.8 12.5 37.5



#74
N-ethyl acetate
Concen: 94.921 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 43 Resp: 426873
Ion Ratio Lower Upper
43 100
70 36.5 29.5 44.3
55 22.5 19.1 28.7
61 21.0 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 89.540 ug/l

RT: 12.720 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

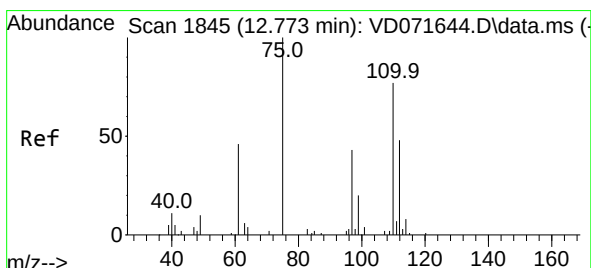
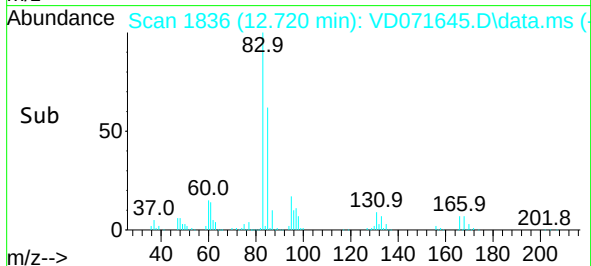
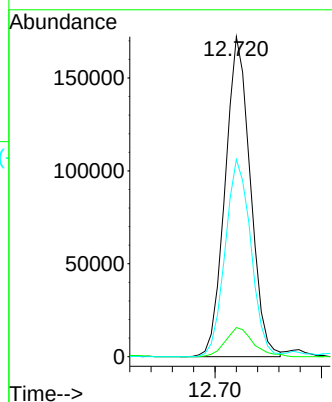
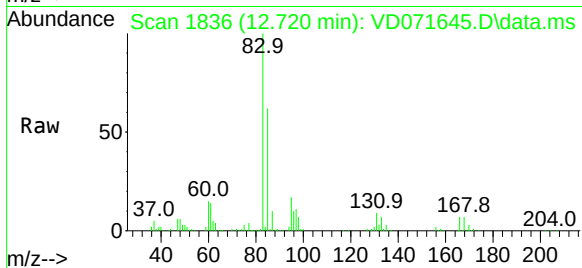
Tgt Ion: 83 Resp: 282552

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 63.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 163.831 ug/l

RT: 12.773 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VD071645.D

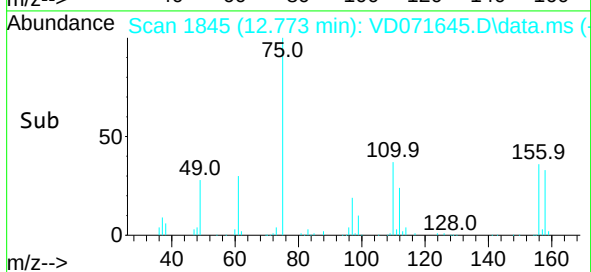
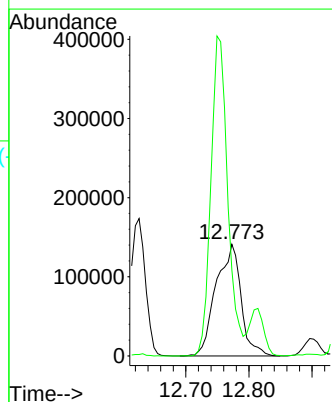
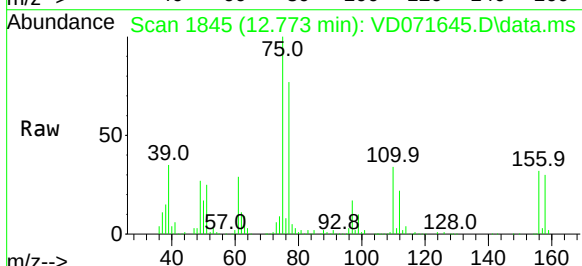
Acq: 07 Jan 2022 12:57

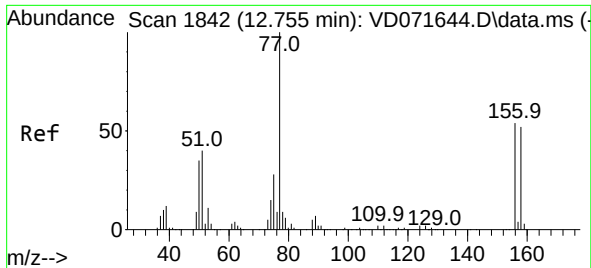
Tgt Ion: 75 Resp: 387982

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

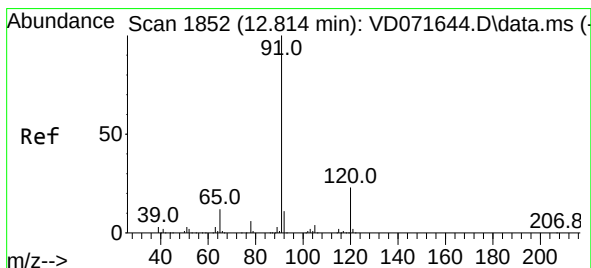
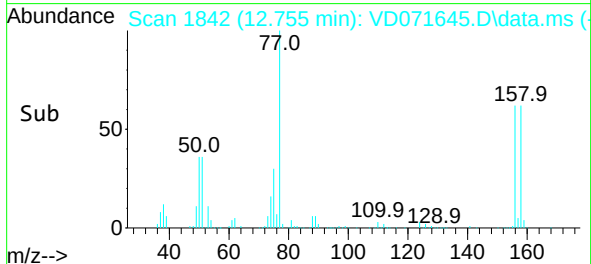
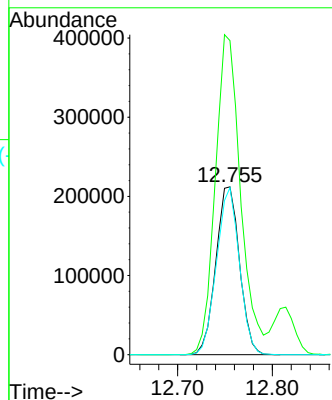
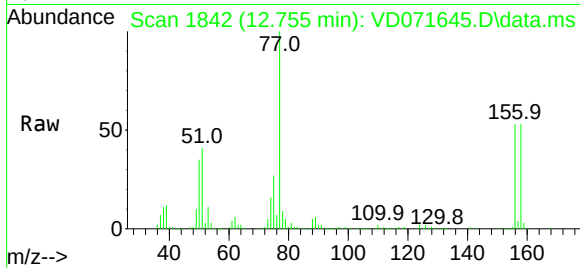




#77
Bromobenzene
Concen: 93.216 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

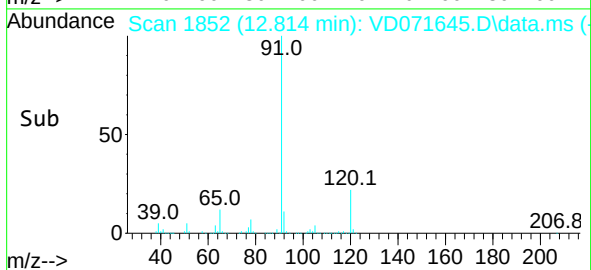
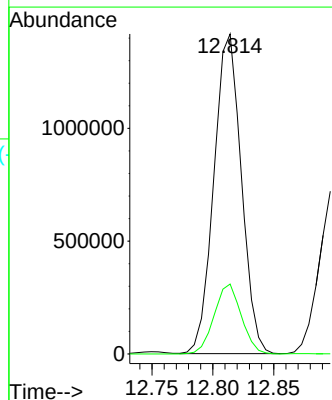
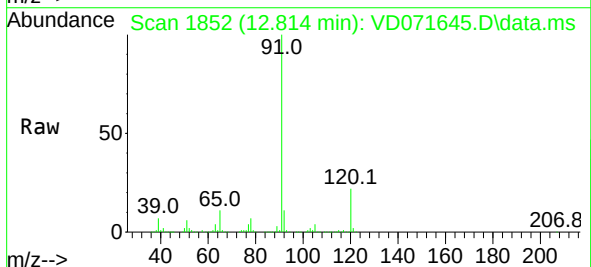
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

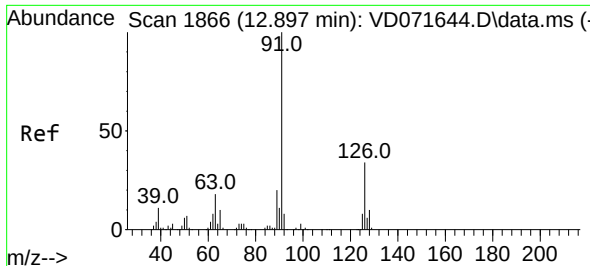
Tgt Ion:156 Resp: 368628
Ion Ratio Lower Upper
156 100
77 203.2 101.4 304.2
158 95.9 46.8 140.3



#78
n-propylbenzene
Concen: 95.773 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 91 Resp: 2223006
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.7

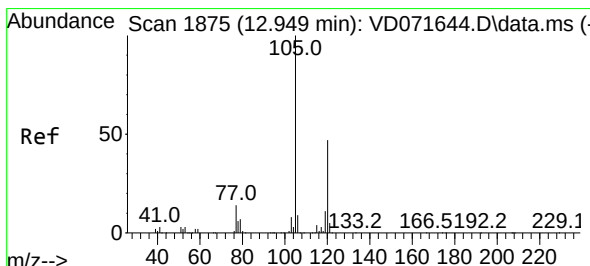
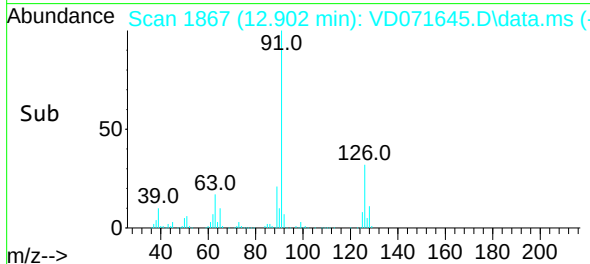
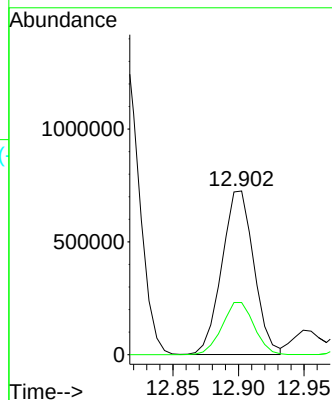
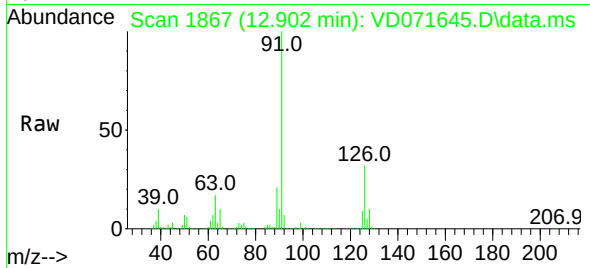




#79
2-Chlorotoluene
Concen: 94.464 ug/l
RT: 12.902 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

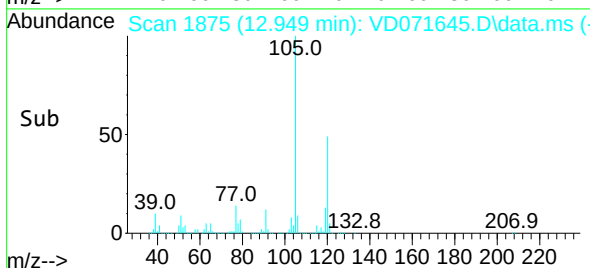
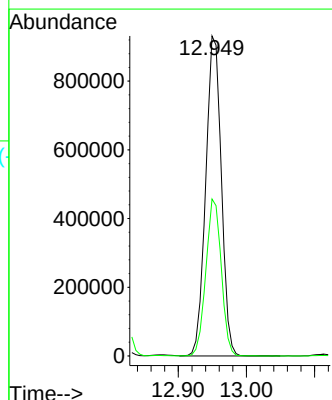
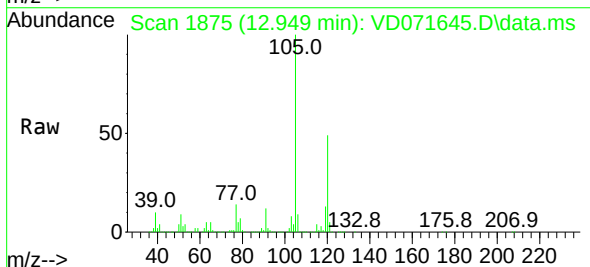
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

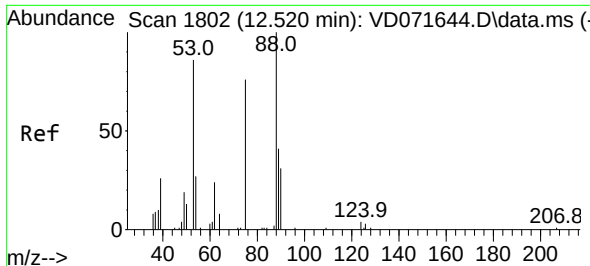
Tgt Ion: 91 Resp: 1234659
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 97.067 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 105 Resp: 1483167
Ion Ratio Lower Upper
105 100
120 48.2 24.2 72.6

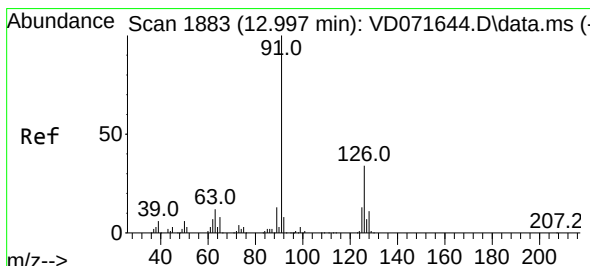
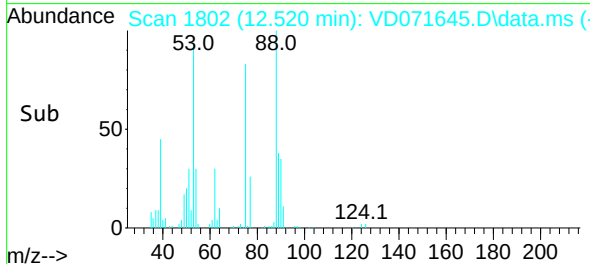
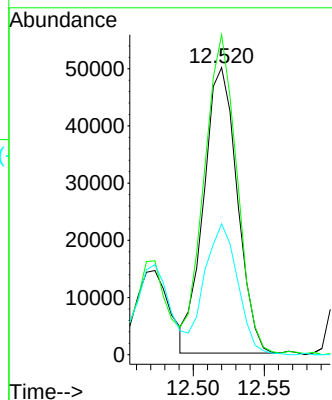
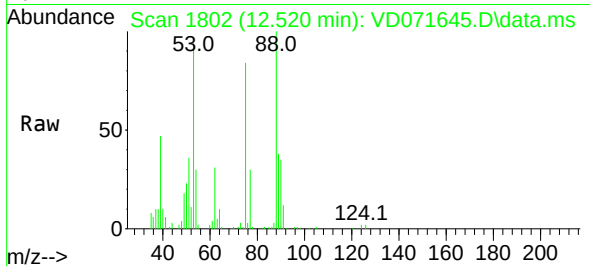




#81
trans-1,4-Dichloro-2-butene
Concen: 94.579 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

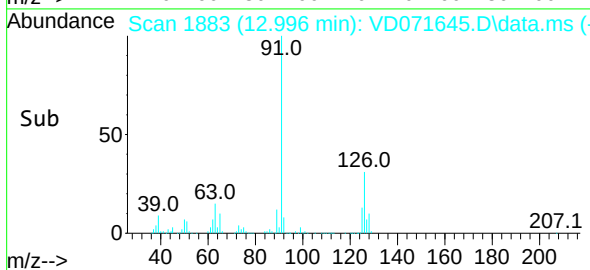
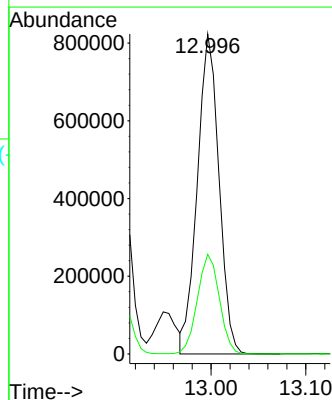
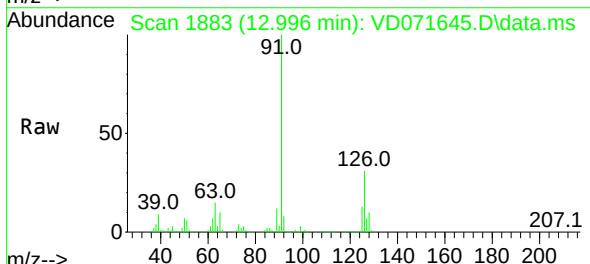
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

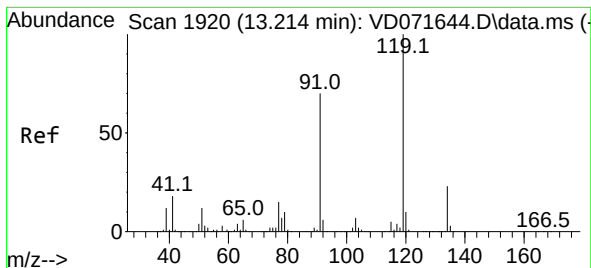
Tgt Ion: 75 Resp: 82315
Ion Ratio Lower Upper
75 100
53 108.8 95.4 143.0
89 44.6 37.2 55.8



#82
4-Chlorotoluene
Concen: 94.613 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 91 Resp: 1301591
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.3





#83

tert-Butylbenzene

Concen: 98.706 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

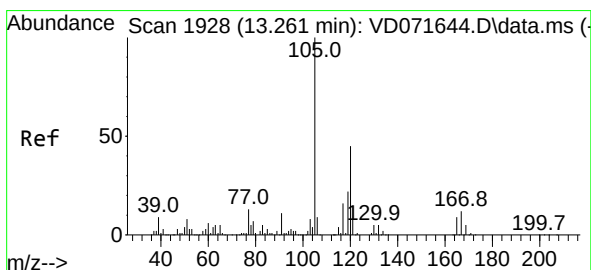
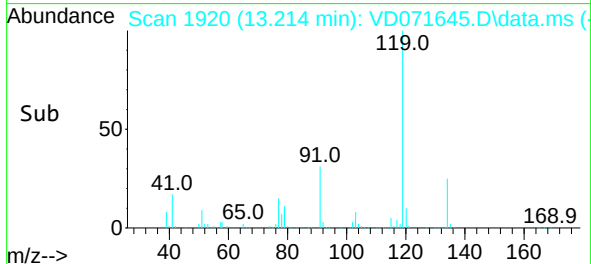
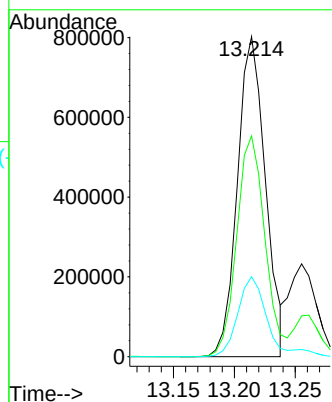
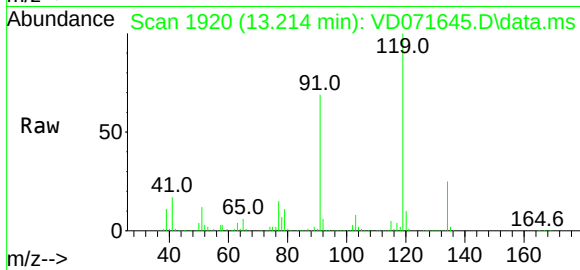
Tgt Ion:119 Resp: 1284898

Ion Ratio Lower Upper

119 100

91 69.8 35.6 106.8

134 26.4 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 97.263 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. 0.000 min

Lab File: VD071645.D

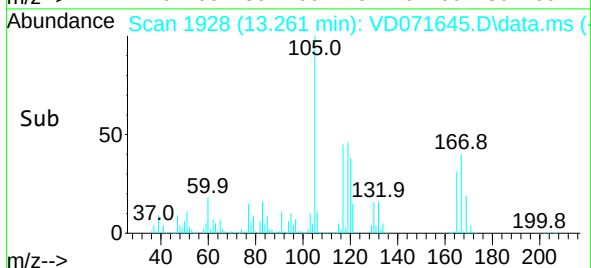
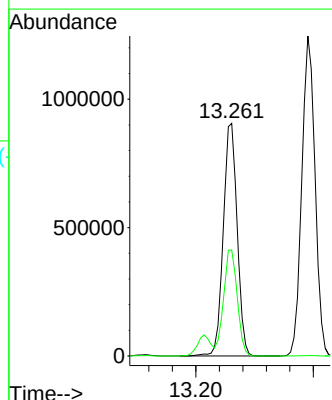
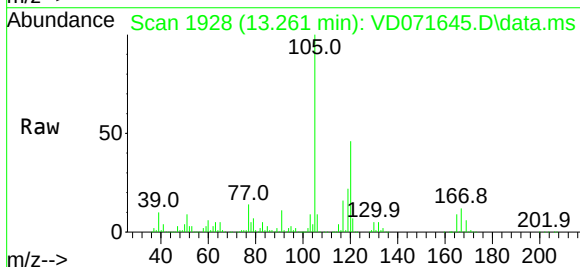
Acq: 07 Jan 2022 12:57

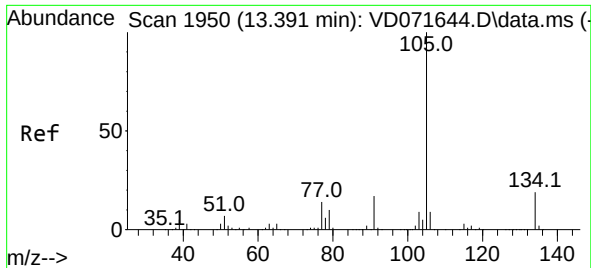
Tgt Ion:105 Resp: 1481240

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9

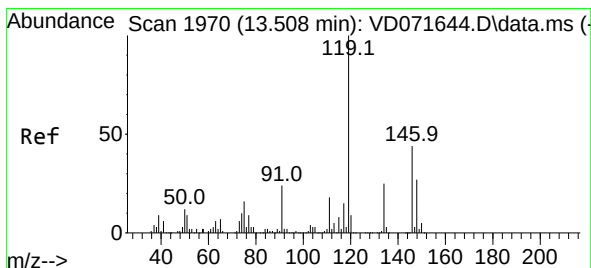
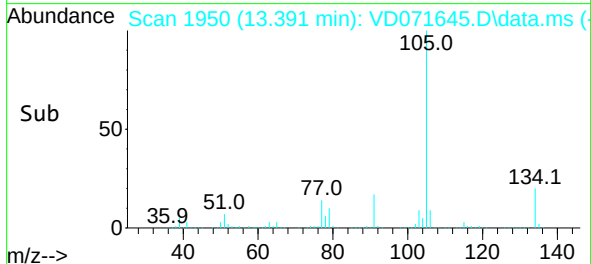
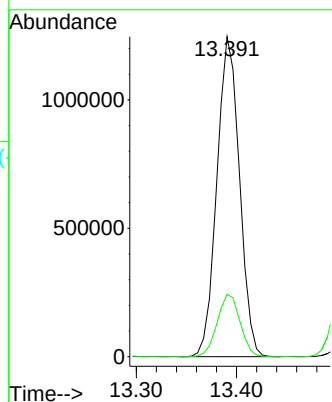
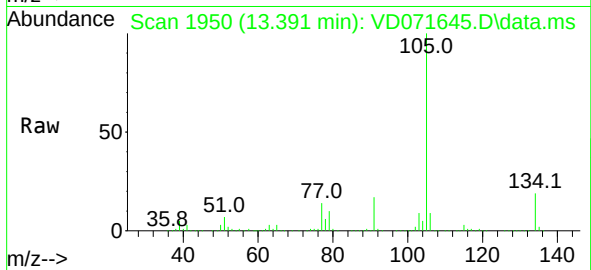




#85
 sec-Butylbenzene
 Concen: 96.297 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071645.D
 Acq: 07 Jan 2022 12:57

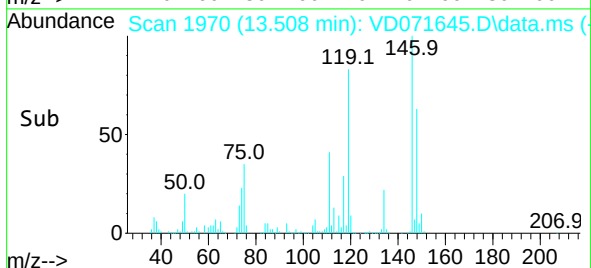
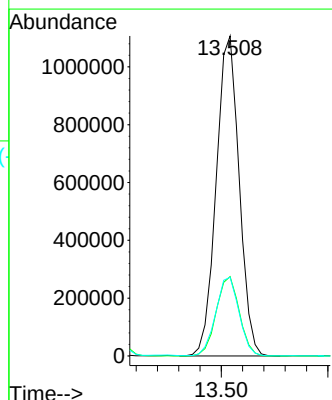
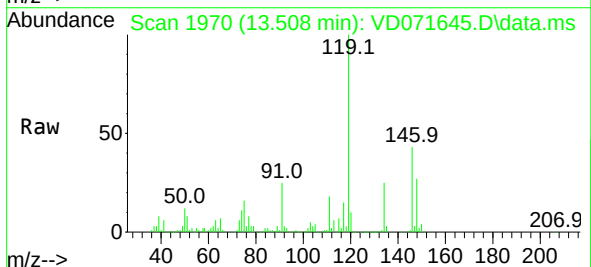
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

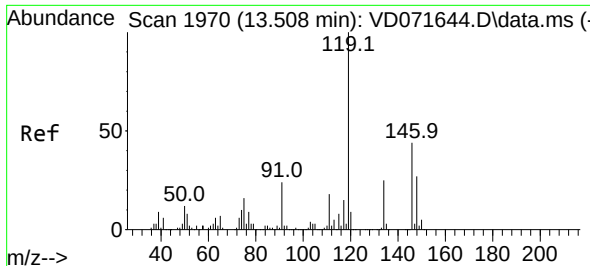
Tgt Ion:105 Resp: 1945201
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 99.685 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071645.D
 Acq: 07 Jan 2022 12:57

Tgt Ion:119 Resp: 1652894
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.1
 91 24.9 12.4 37.2

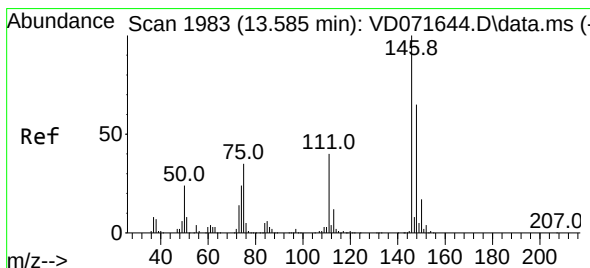
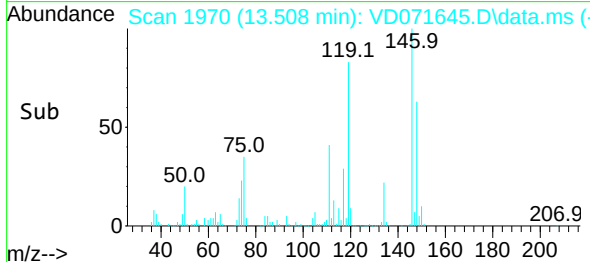
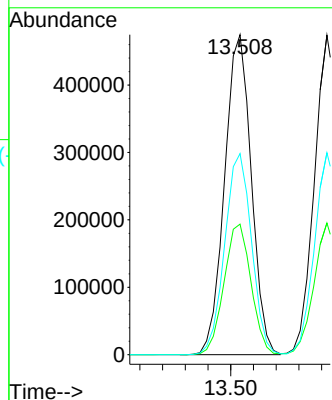
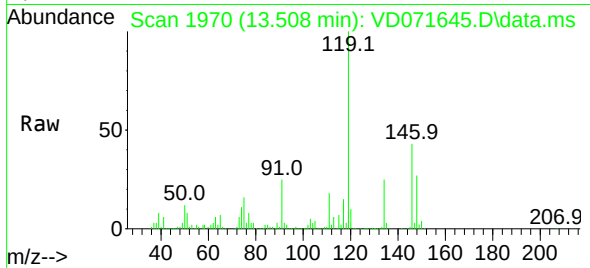




#87
 1,3-Dichlorobenzene
 Concen: 93.894 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071645.D
 Acq: 07 Jan 2022 12:57

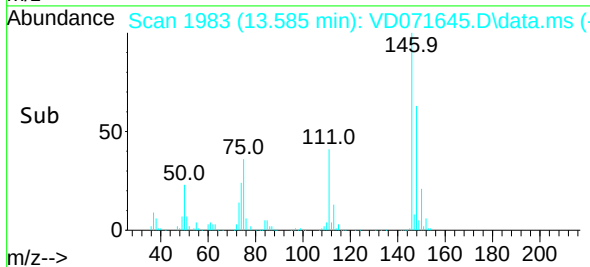
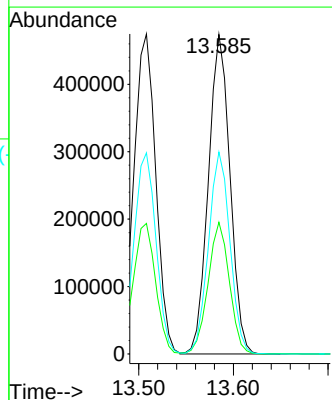
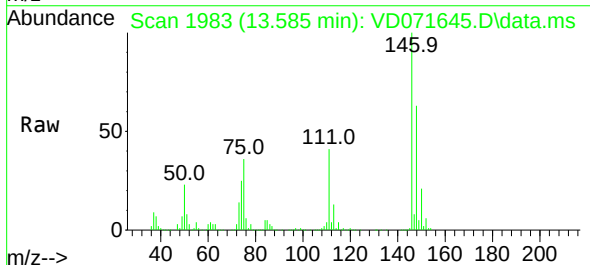
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

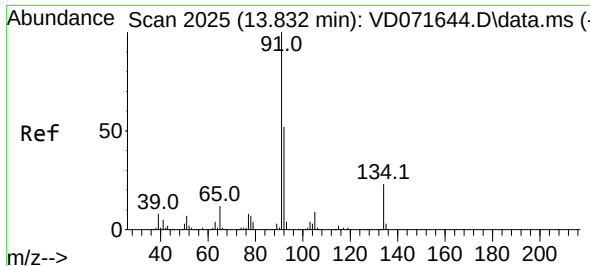
Tgt Ion:146 Resp: 774536
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.5
 148 63.4 31.3 93.8



#88
 1,4-Dichlorobenzene
 Concen: 92.355 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VD071645.D
 Acq: 07 Jan 2022 12:57

Tgt Ion:146 Resp: 752859
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.7 62.1
 148 62.9 32.3 96.9

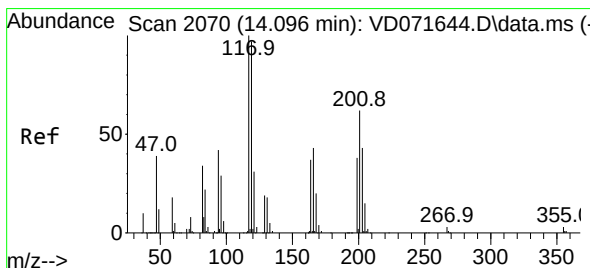
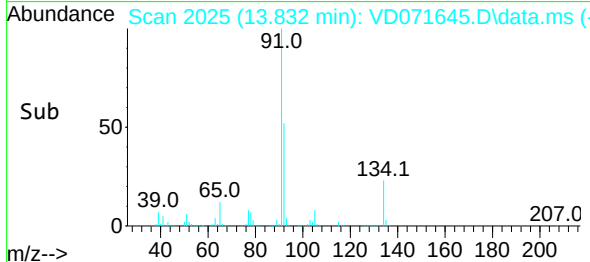
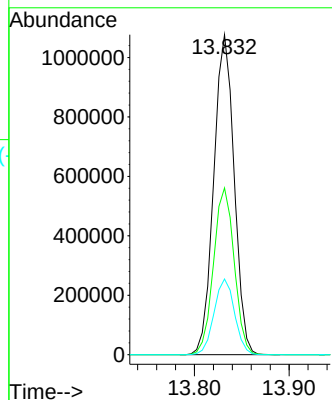
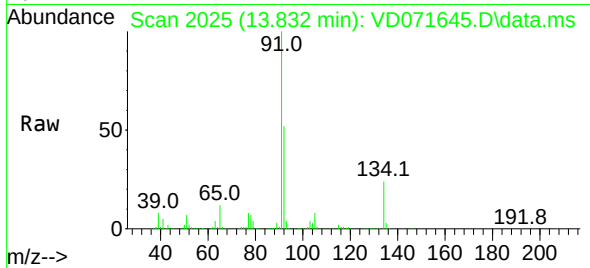




#89
n-Butylbenzene
Concen: 97.959 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

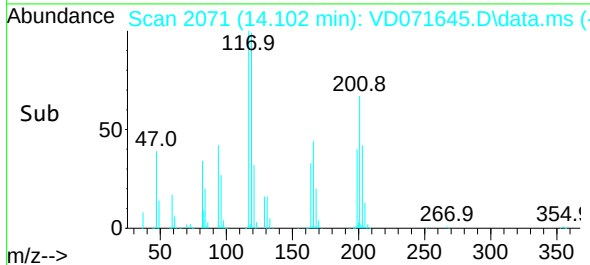
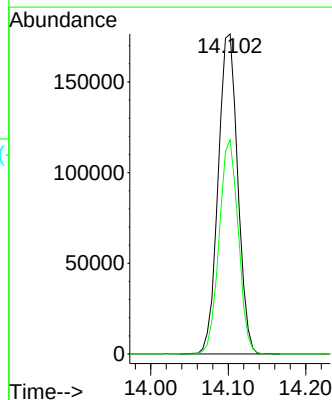
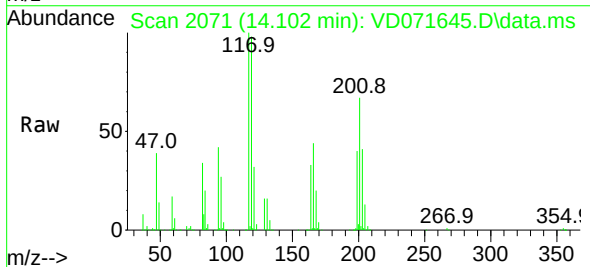
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

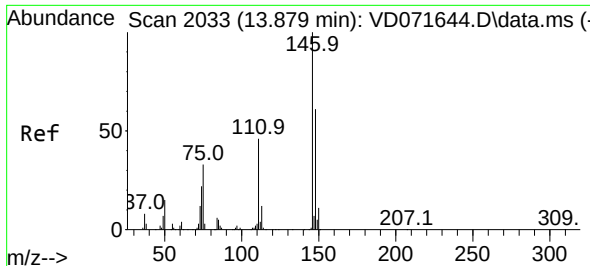
Tgt Ion: 91 Resp: 1614479
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.8
134 23.8 12.1 36.3



#90
Hexachloroethane
Concen: 96.011 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD071645.D
Acq: 07 Jan 2022 12:57

Tgt Ion: 117 Resp: 309328
Ion Ratio Lower Upper
117 100
201 65.4 32.1 96.5

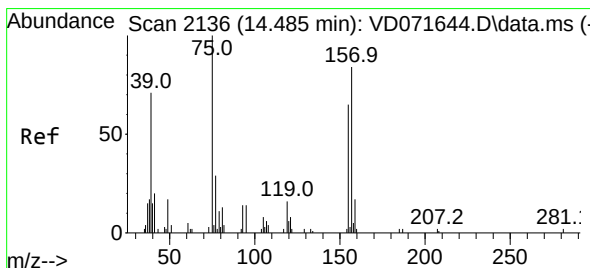
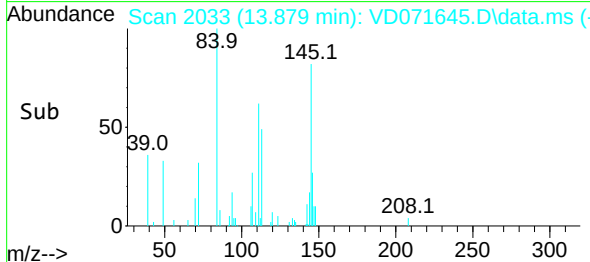
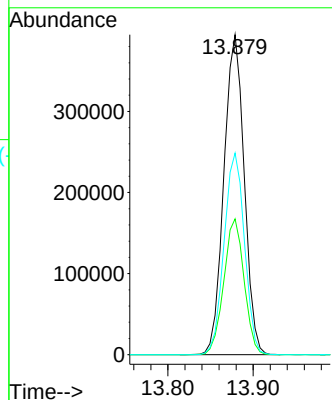
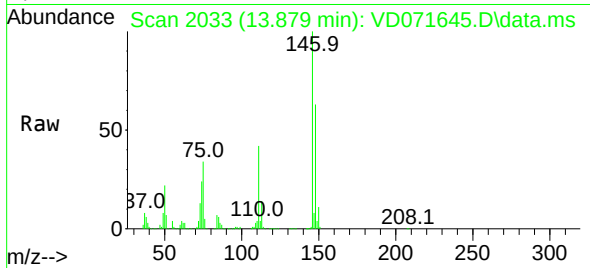




#91
 1,2-Dichlorobenzene
 Concen: 93.194 ug/l
 RT: 13.879 min Scan# 2033
 Delta R.T. 0.000 min
 Lab File: VD071645.D
 Acq: 07 Jan 2022 12:57

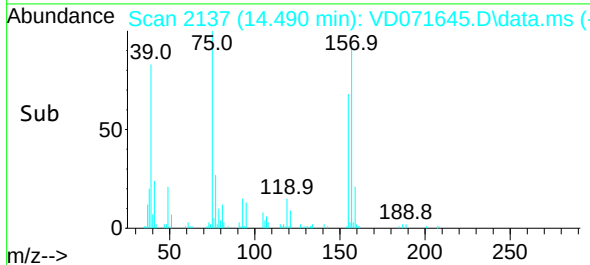
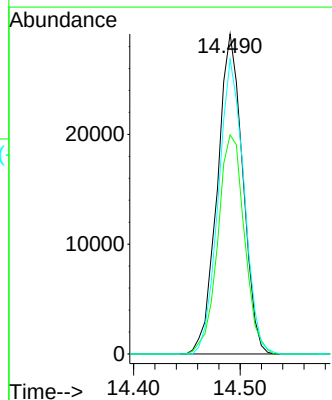
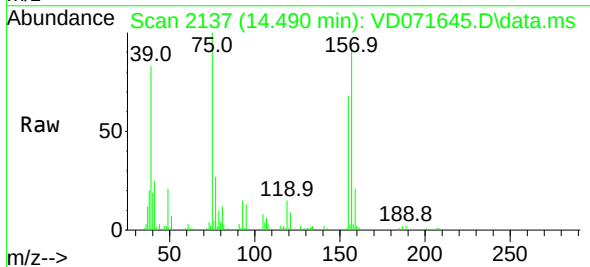
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

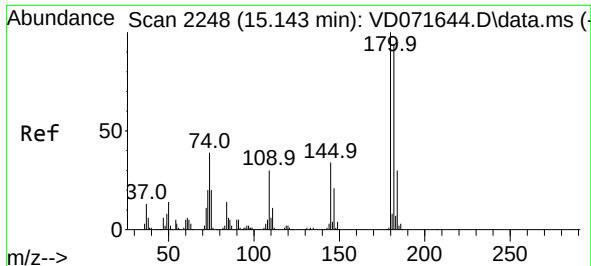
Tgt Ion:146 Resp: 655826
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.8 65.3
 148 63.2 31.3 93.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 89.138 ug/l
 RT: 14.490 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VD071645.D
 Acq: 07 Jan 2022 12:57

Tgt Ion: 75 Resp: 48282
 Ion Ratio Lower Upper
 75 100
 155 71.4 35.4 106.1
 157 92.2 44.9 134.5





#93

1,2,4-Trichlorobenzene

Concen: 95.237 ug/l

RT: 15.149 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

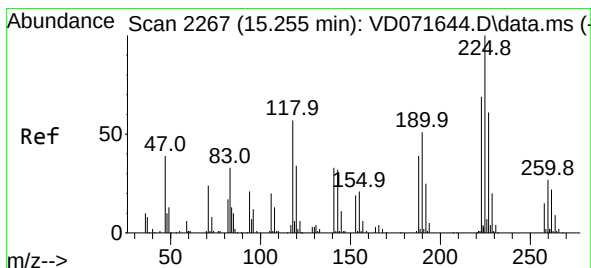
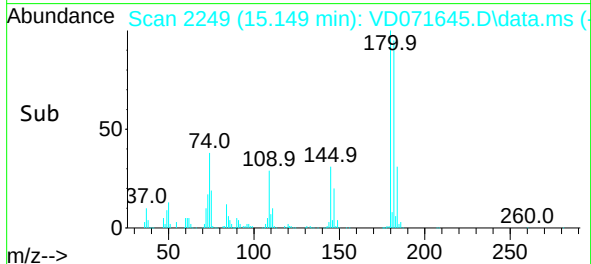
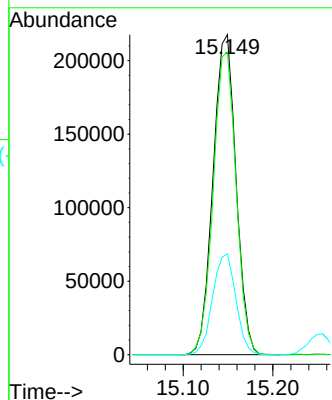
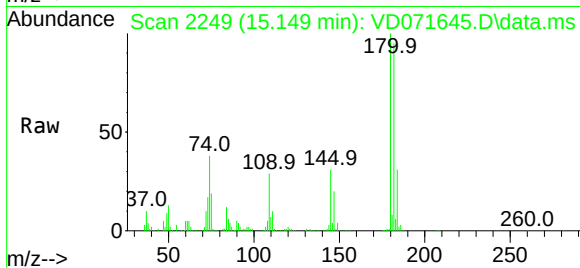
Tgt Ion:180 Resp: 386917

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.5

145 31.9 16.4 49.4



#94

Hexachlorobutadiene

Concen: 94.134 ug/l

RT: 15.255 min Scan# 2267

Delta R.T. 0.006 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

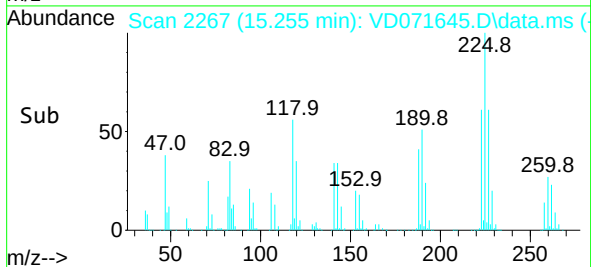
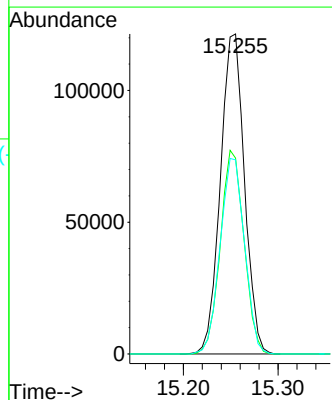
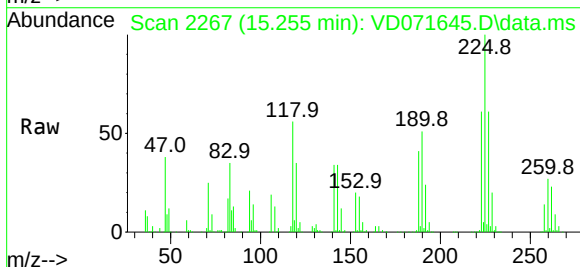
Tgt Ion:225 Resp: 214514

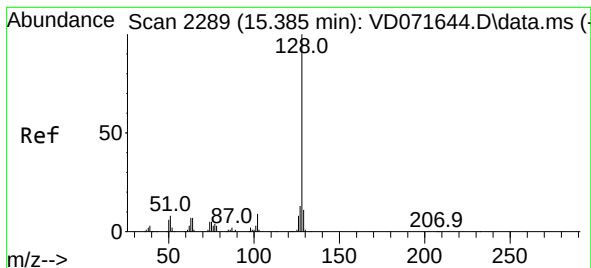
Ion Ratio Lower Upper

225 100

223 62.5 31.3 93.9

227 61.9 31.4 94.3





#95

Naphthalene

Concen: 95.060 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

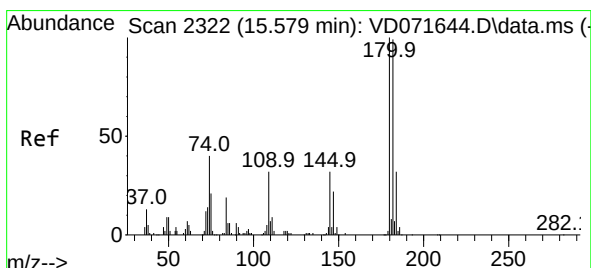
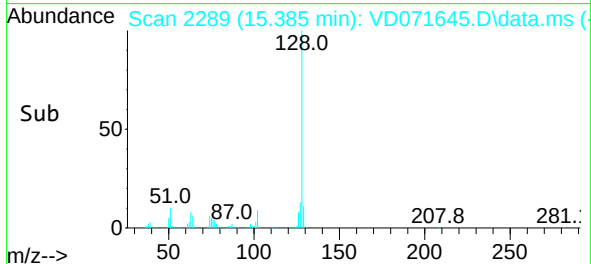
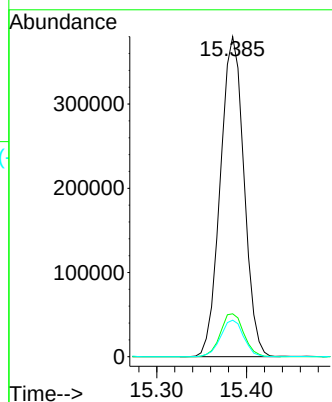
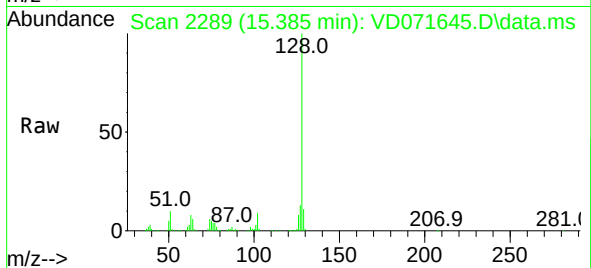
Tgt Ion:128 Resp: 695733

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

129 11.1 9.1 13.7



#96

1,2,3-Trichlorobenzene

Concen: 94.018 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD071645.D

Acq: 07 Jan 2022 12:57

Tgt Ion:180 Resp: 323407

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 34.3 16.4 49.2

