

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060722\
 Data File : VD073493.D
 Acq On : 07 Jun 2022 11:30
 Operator : VA/SY
 Sample : VD0607SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

Quant Time: Jun 07 16:33:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	303201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	510182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	486062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	162620	48.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.060%
35) Dibromofluoromethane	7.908	113	169919	50.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.940%
50) Toluene-d8	10.332	98	611676	49.290	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.620	95	233316	53.573	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.140%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	55386	18.281	ug/l	97
3) Chloromethane	2.209	50	55022	16.061	ug/l	97
4) Vinyl Chloride	2.350	62	54969	17.547	ug/l	95
5) Bromomethane	2.750	94	41457	18.066	ug/l	99
6) Chloroethane	2.909	64	35391	18.378	ug/l	90
7) Trichlorofluoromethane	3.262	101	108920	19.663	ug/l	92
8) Diethyl Ether	3.709	74	29394	19.312	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	66350	20.076	ug/l	96
10) Methyl Iodide	4.297	142	59153	16.589	ug/l	100
11) Tert butyl alcohol	5.179	59	51485	99.033	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	56905	18.675	ug/l	85
13) Acrolein	3.914	56	14325	56.001	ug/l	98
14) Allyl chloride	4.709	41	84928	17.267	ug/l #	90
15) Acrylonitrile	5.414	53	68701	98.706	ug/l	99
16) Acetone	4.156	43	53783	92.667	ug/l	93
17) Carbon Disulfide	4.403	76	159857	15.826	ug/l	98
18) Methyl Acetate	4.714	43	34921	21.638	ug/l #	91
19) Methyl tert-butyl Ether	5.467	73	140222	20.200	ug/l	94
20) Methylene Chloride	4.956	84	80641	19.467	ug/l	83
21) trans-1,2-Dichloroethene	5.473	96	66448	18.036	ug/l	83
22) Diisopropyl ether	6.356	45	195653	18.976	ug/l	98
23) Vinyl Acetate	6.303	43	491482	89.365	ug/l #	91
24) 1,1-Dichloroethane	6.261	63	125121	18.906	ug/l	98
25) 2-Butanone	7.203	43	79423	93.534	ug/l	92
26) 2,2-Dichloropropane	7.197	77	112338	19.904	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	78099	19.158	ug/l	90
28) Bromochloromethane	7.538	49	37628	16.503	ug/l #	71
29) Tetrahydrofuran	7.555	42	53698	97.799	ug/l	93
30) Chloroform	7.703	83	136401	19.742	ug/l	97
31) Cyclohexane	7.979	56	100532	17.169	ug/l #	88
32) 1,1,1-Trichloroethane	7.897	97	121251	20.065	ug/l	95
36) 1,1-Dichloropropene	8.102	75	96699	19.098	ug/l	96
37) Ethyl Acetate	7.285	43	38935	19.468	ug/l #	98
38) Carbon Tetrachloride	8.091	117	106234	20.699	ug/l	98
39) Methylcyclohexane	9.350	83	104142	18.456	ug/l	94
40) Benzene	8.344	78	289569	19.844	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	22777	19.547	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	79135	19.490	ug/l	96
43) Isopropyl Acetate	8.444	43	72905	19.722	ug/l #	92
44) Trichloroethene	9.108	130	79208	20.355	ug/l	85
45) 1,2-Dichloropropane	9.379	63	72896	19.836	ug/l	98
46) Dibromomethane	9.467	93	39267	19.455	ug/l	91
47) Bromodichloromethane	9.655	83	102310	19.811	ug/l #	99
48) Methyl methacrylate	9.449	41	31875	17.139	ug/l #	79
49) 1,4-Dioxane	9.449	88	8489	407.282	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	190901	99.431	ug/l	91
52) Toluene	10.397	92	189140	20.512	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	94373	20.228	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	111336	19.942	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	57481	21.061	ug/l	97
56) Ethyl methacrylate	10.655	69	60611	19.974	ug/l #	82
57) 1,3-Dichloropropane	10.932	76	93141	20.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	139238	109.846	ug/l	93
59) 2-Hexanone	10.973	43	125370	99.045	ug/l	93
60) Dibromochloromethane	11.126	129	73605	21.628	ug/l	98
61) 1,2-Dibromoethane	11.232	107	53837	20.643	ug/l	99
64) Tetrachloroethene	10.867	164	66533	20.899	ug/l	98
65) Chlorobenzene	11.661	112	206740	20.733	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	77573	20.976	ug/l	98
67) Ethyl Benzene	11.732	91	344687	19.691	ug/l	99
68) m/p-Xylenes	11.843	106	278151	40.900	ug/l	99
69) o-Xylene	12.167	106	126816	20.299	ug/l	94
70) Styrene	12.185	104	225595	20.988	ug/l	97
71) Bromoform	12.349	173	42589	22.376	ug/l #	99
73) Isopropylbenzene	12.467	105	340127	18.819	ug/l	100
74) N-amyl acetate	12.273	43	71289	18.081	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	64478	19.343	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	79774	32.070	ug/l #	100
77) Bromobenzene	12.749	156	82130	19.304	ug/l	91
78) n-propylbenzene	12.808	91	429504	18.929	ug/l	99
79) 2-Chlorotoluene	12.896	91	249308	19.030	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	299701	19.575	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	20377	19.666	ug/l	84
82) 4-Chlorotoluene	12.990	91	265852	19.360	ug/l	98
83) tert-Butylbenzene	13.208	119	242019	18.756	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	296605	19.610	ug/l	98
85) sec-Butylbenzene	13.385	105	372962	18.930	ug/l	98
86) p-Isopropyltoluene	13.502	119	314741	19.597	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	171655	20.017	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	167198	19.314	ug/l	98
89) n-Butylbenzene	13.826	91	289766	18.936	ug/l	98
90) Hexachloroethane	14.096	117	66364	19.970	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	150010	20.217	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	9533	18.675	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	83966	19.933	ug/l	98
94) Hexachlorobutadiene	15.249	225	47577	20.043	ug/l	98
95) Naphthalene	15.384	128	143594	19.623	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	75772	20.290	ug/l	99

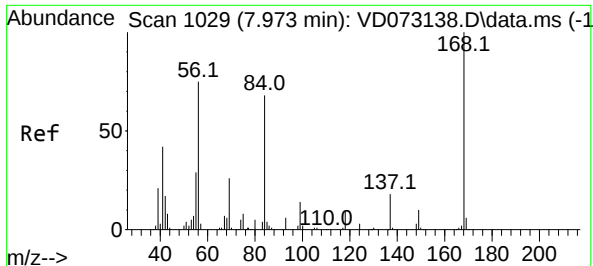
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Quant Title : SW846 8260
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Response via : Initial Calibration

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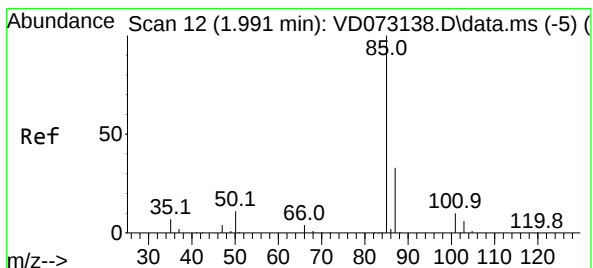
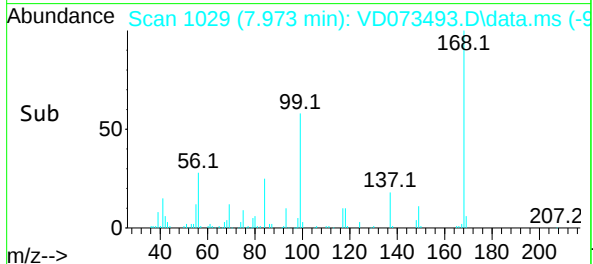
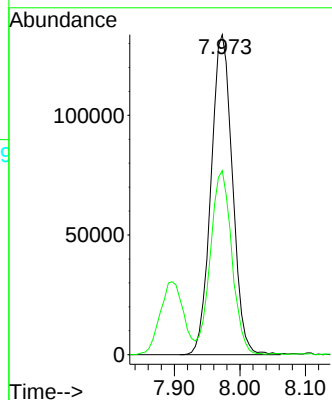
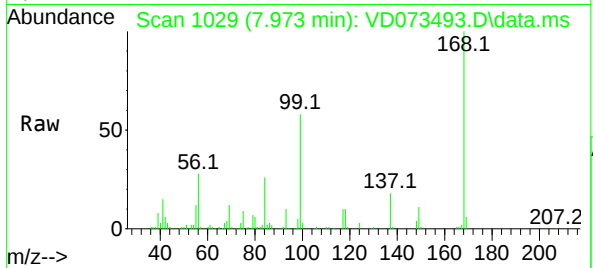
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

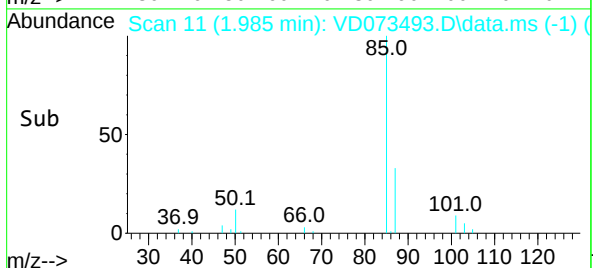
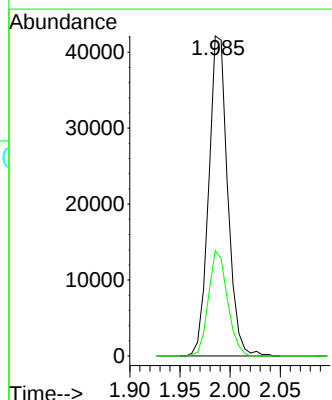
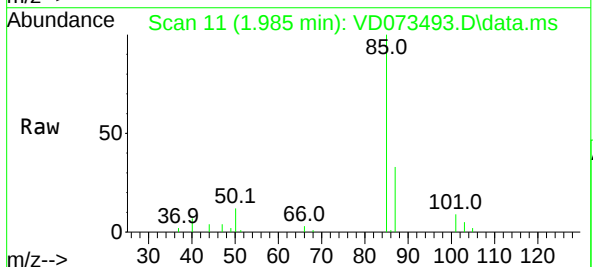
Instrument :
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ClientSampleId :
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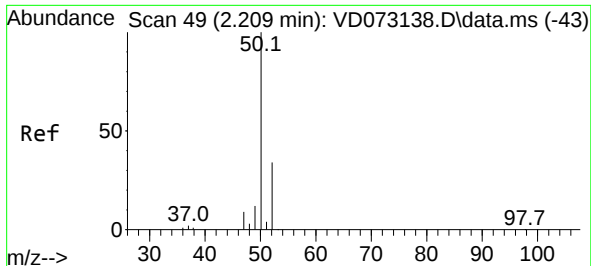
Tgt Ion:168 Resp: 303201
Ion Ratio Lower Upper
168 100
99 57.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 18.281 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 85 Resp: 55386
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0

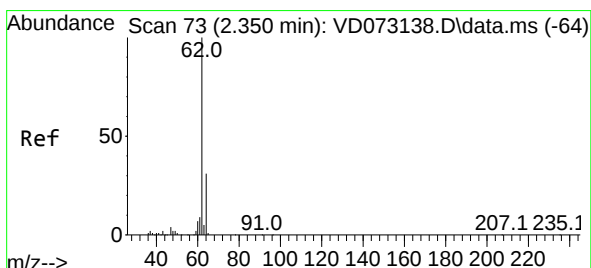
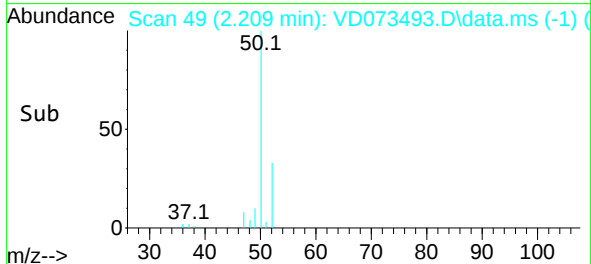
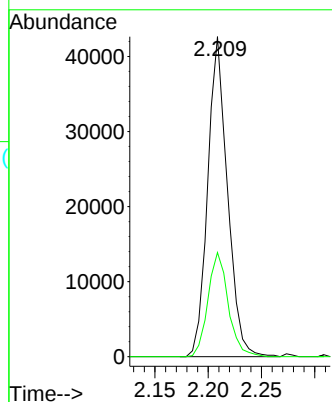
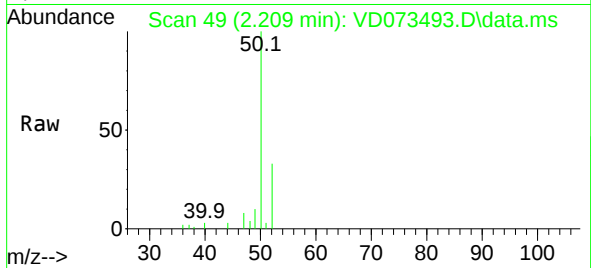




#3
Chloromethane
Concen: 16.061 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

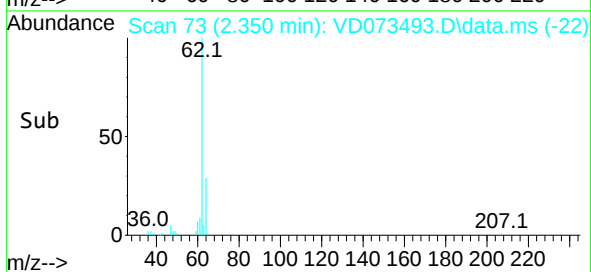
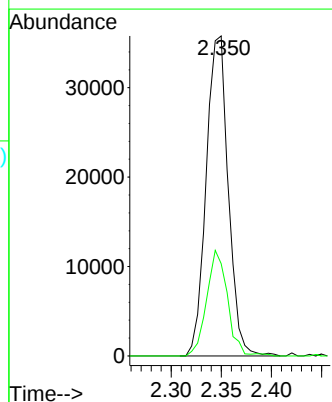
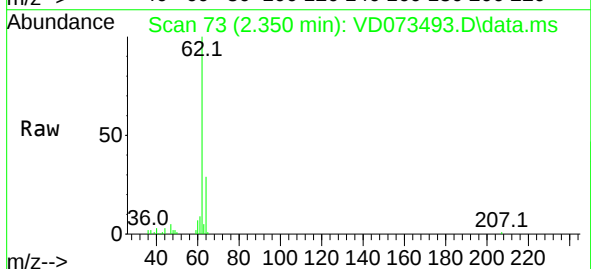
Instrument :
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ClientSampleId :
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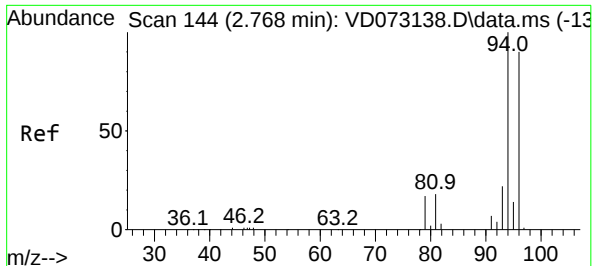
Tgt Ion: 50 Resp: 55022
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.0



#4
Vinyl Chloride
Concen: 17.547 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 62 Resp: 54969
Ion Ratio Lower Upper
62 100
64 28.9 25.4 38.0

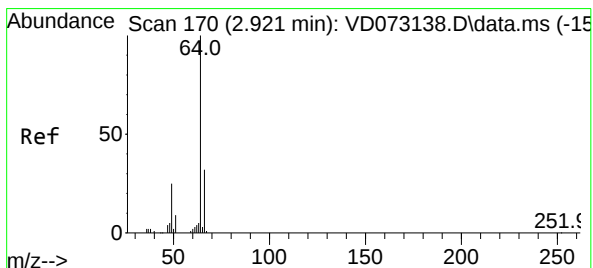
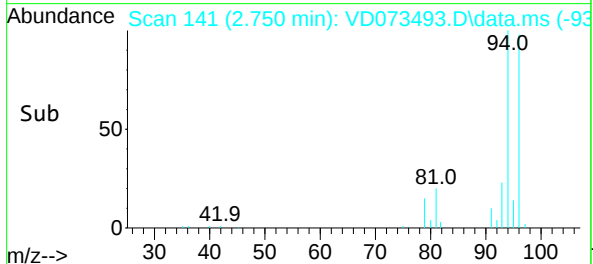
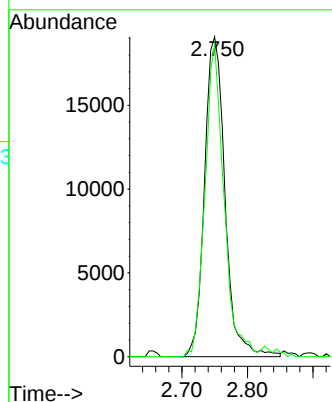
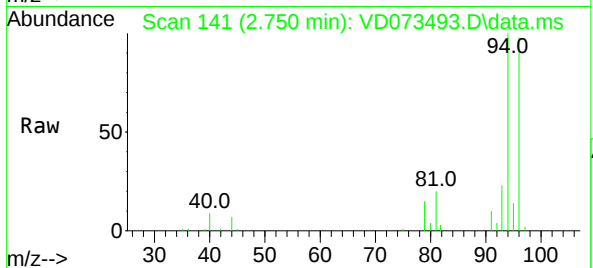




#5
Bromomethane
Concen: 18.066 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

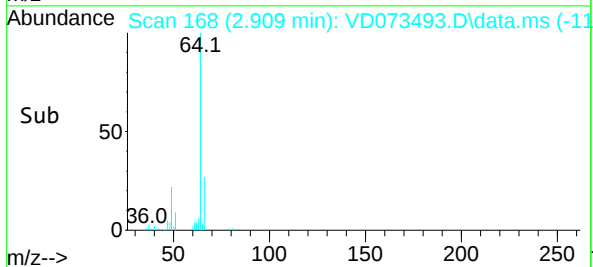
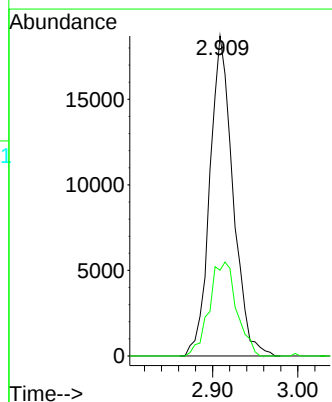
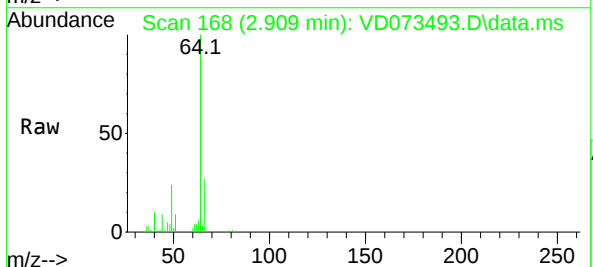
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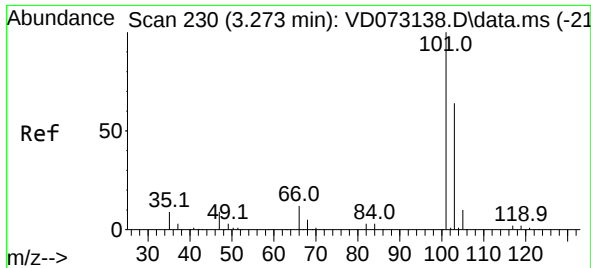
Tgt Ion: 94 Resp: 41457
Ion Ratio Lower Upper
94 100
96 97.6 77.6 116.4



#6
Chloroethane
Concen: 18.378 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 64 Resp: 35391
Ion Ratio Lower Upper
64 100
66 26.8 25.9 38.9

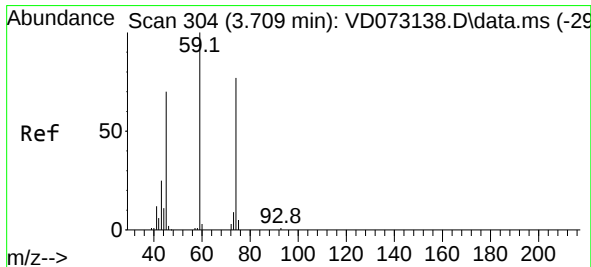
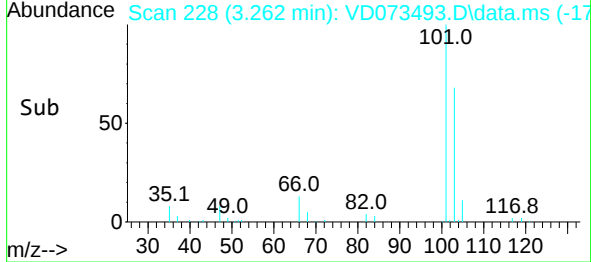
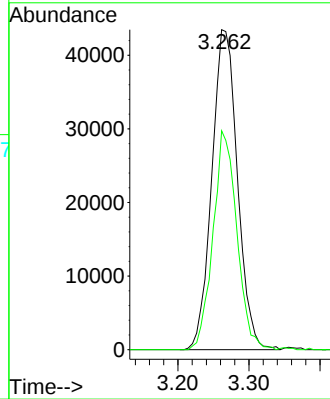
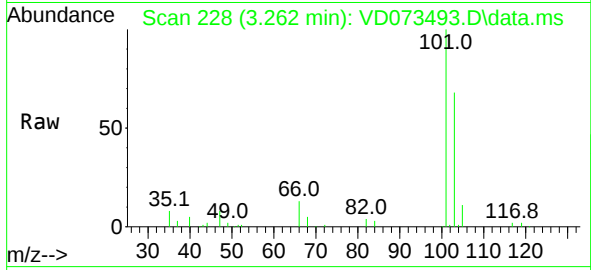




#7
Trichlorofluoromethane
Concen: 19.663 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.011 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

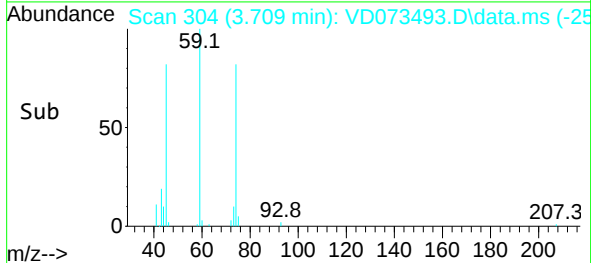
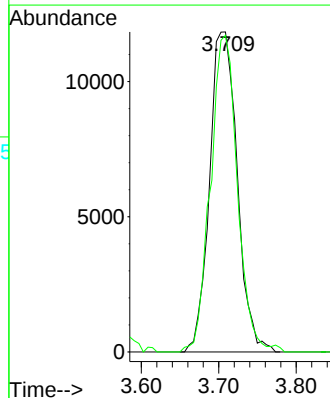
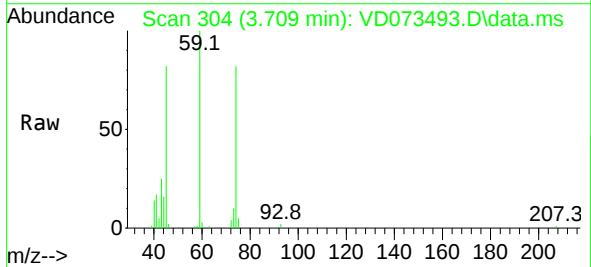
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

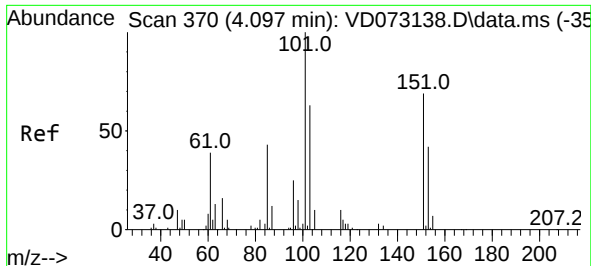
Tgt Ion:101 Resp: 108920
Ion Ratio Lower Upper
101 100
103 68.4 50.1 75.1



#8
Diethyl Ether
Concen: 19.312 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 74 Resp: 29394
Ion Ratio Lower Upper
74 100
45 96.6 52.6 157.8

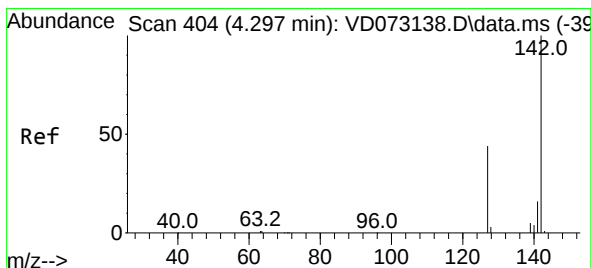
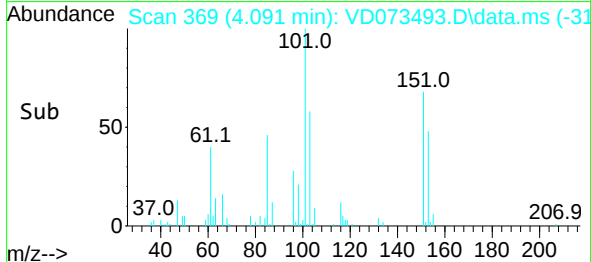
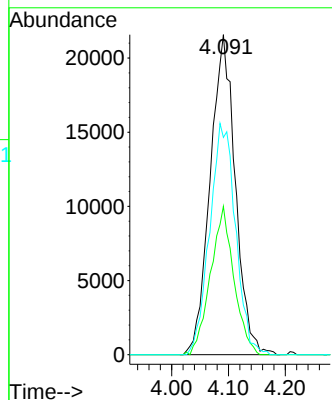
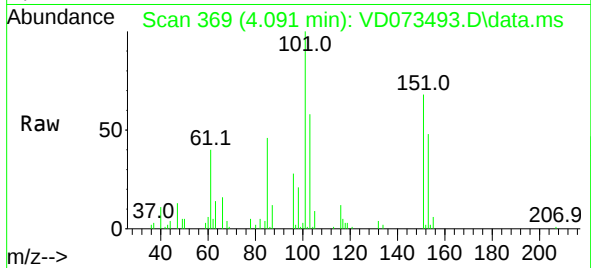




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.076 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073493.D
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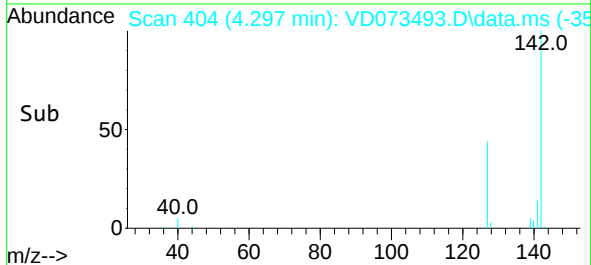
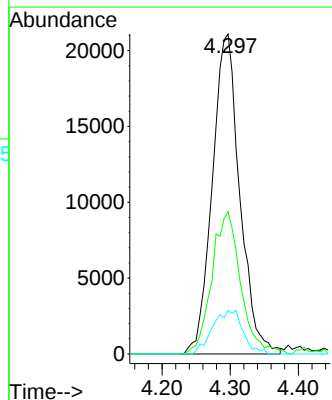
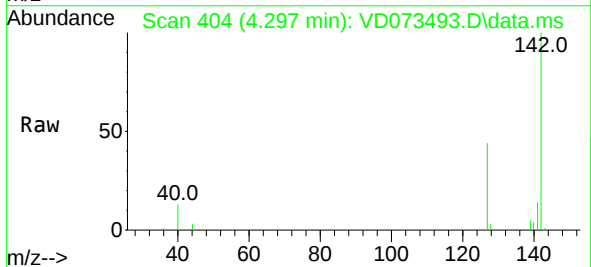
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBS01

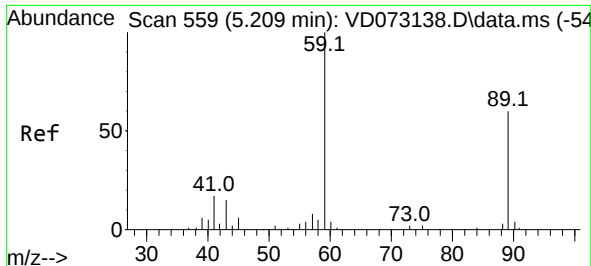
Tgt Ion:101 Resp: 66350
Ion Ratio Lower Upper
101 100
85 43.0 36.4 54.6
151 74.4 57.3 85.9



#10
Methyl Iodide
Concen: 16.589 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion:142 Resp: 59153
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 15.0 11.7 17.5





#11

Tert butyl alcohol

Concen: 99.033 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

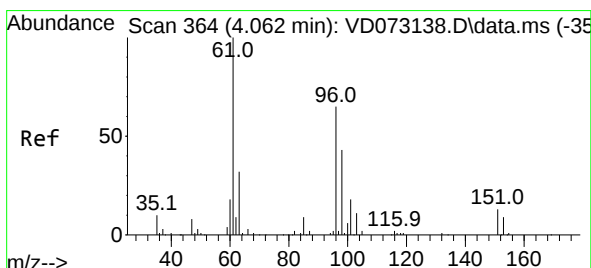
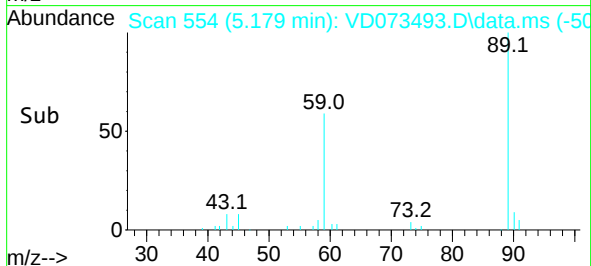
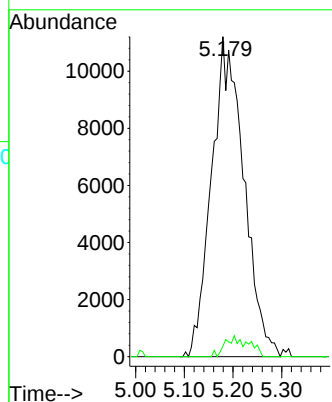
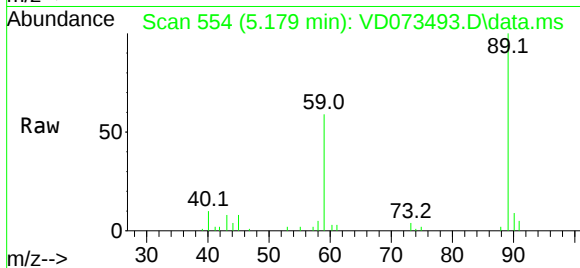
VD0607SBS01

Tgt Ion: 59 Resp: 51485

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 18.675 ug/l

RT: 4.056 min Scan# 363

Delta R.T. -0.006 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

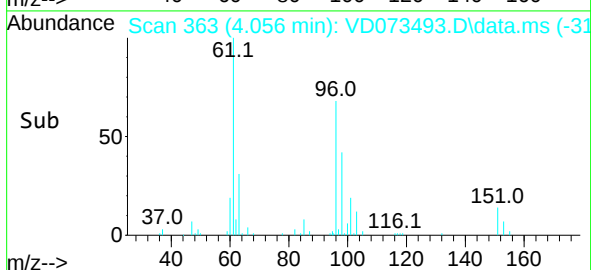
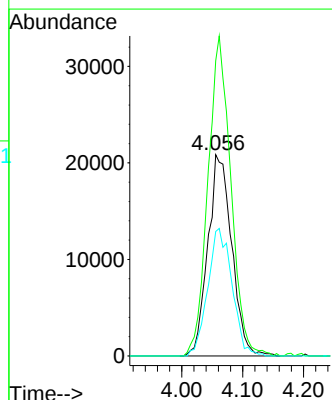
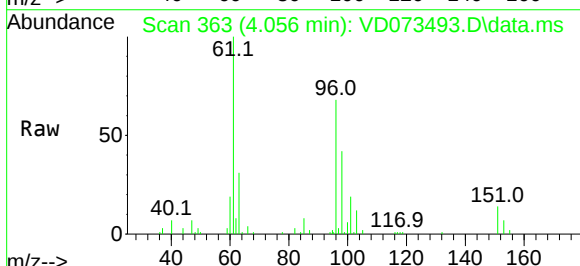
Tgt Ion: 96 Resp: 56905

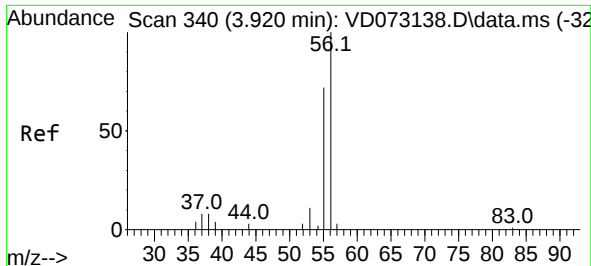
Ion Ratio Lower Upper

96 100

61 146.6 138.5 207.7

98 61.8 48.6 73.0

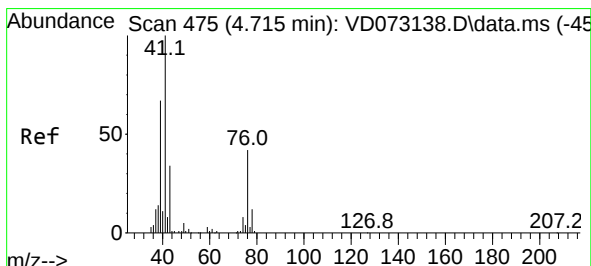
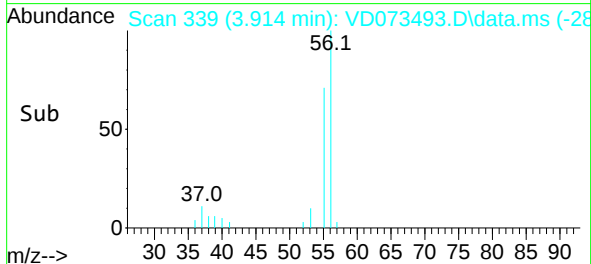
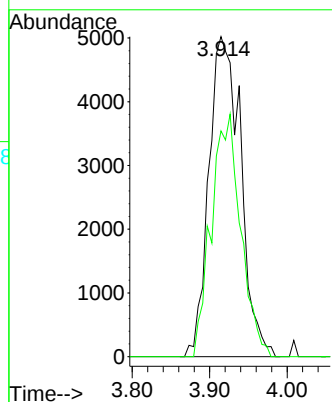
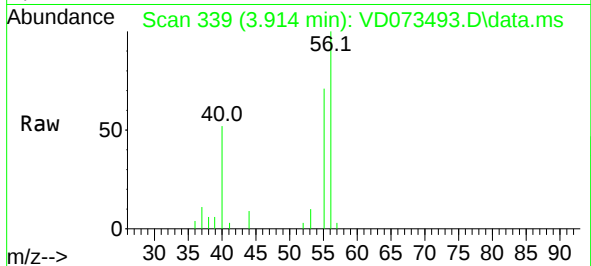




#13
Acrolein
Concen: 56.001 ug/l
RT: 3.914 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

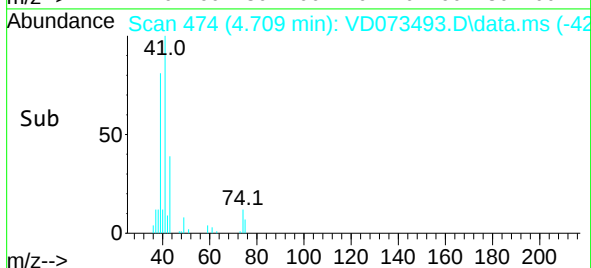
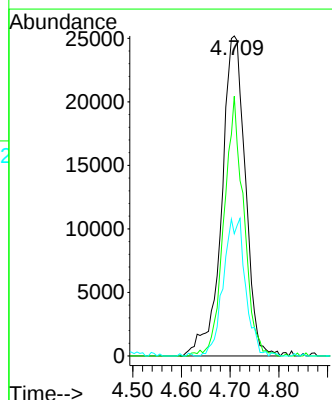
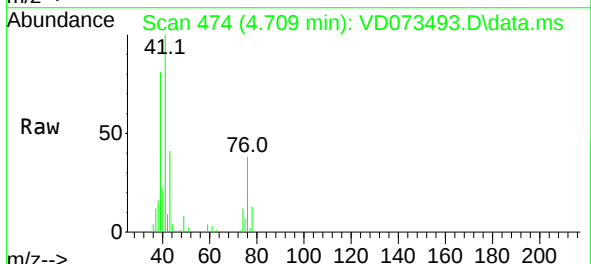
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

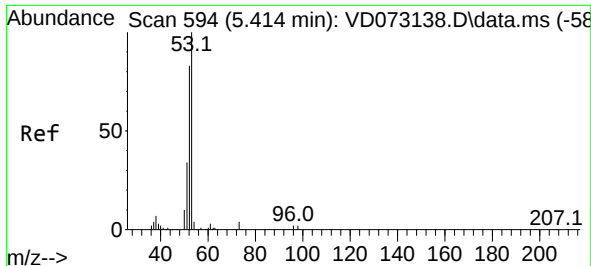
Tgt Ion: 56 Resp: 14325
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7



#14
Allyl chloride
Concen: 17.267 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 41 Resp: 84928
Ion Ratio Lower Upper
41 100
39 67.8 59.3 88.9
76 40.2 25.7 38.5#

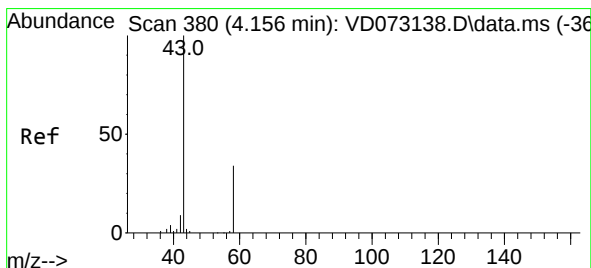
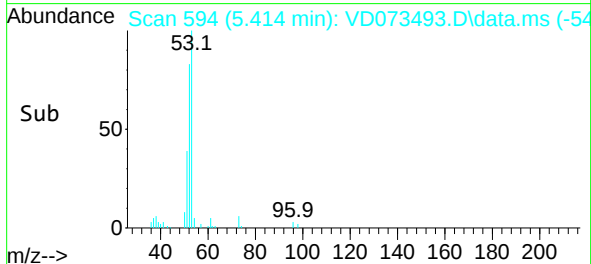
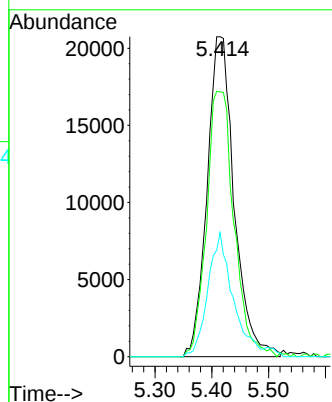
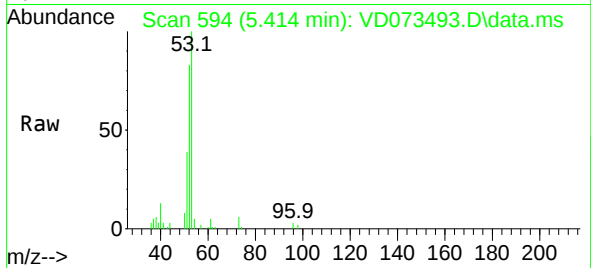




#15
Acrylonitrile
Concen: 98.706 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

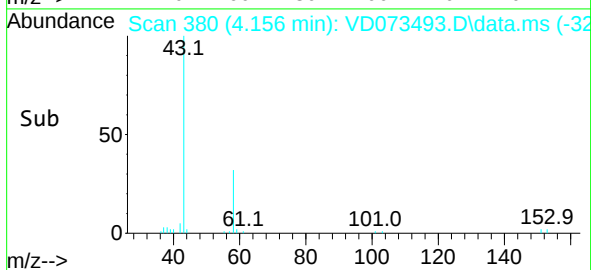
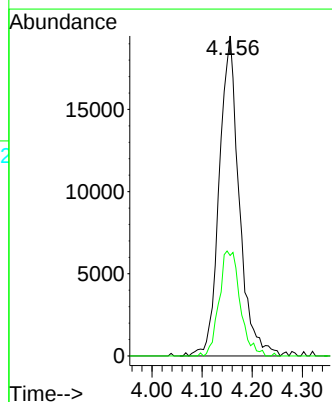
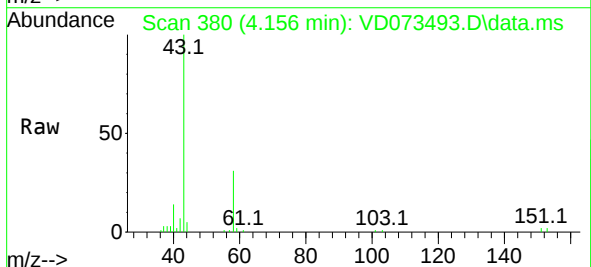
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBS01

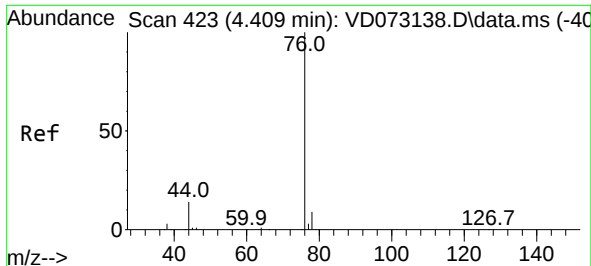
Tgt Ion: 53 Resp: 68701
Ion Ratio Lower Upper
53 100
52 84.0 67.2 100.8
51 35.8 30.3 45.5



#16
Acetone
Concen: 92.667 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 43 Resp: 53783
Ion Ratio Lower Upper
43 100
58 31.4 22.1 33.1

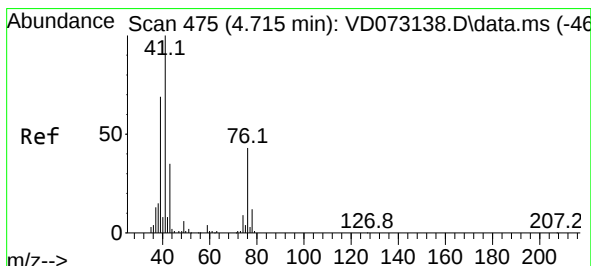
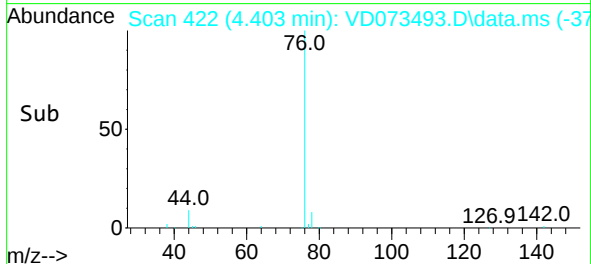
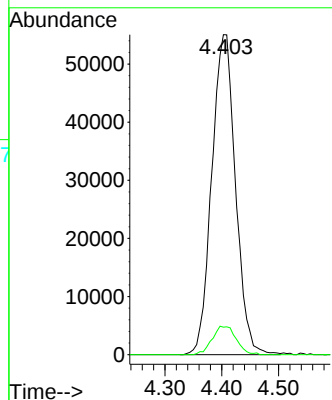
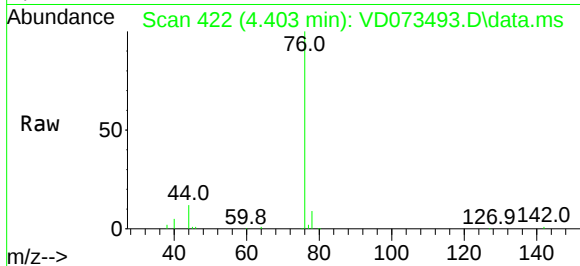




#17
Carbon Disulfide
Concen: 15.826 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

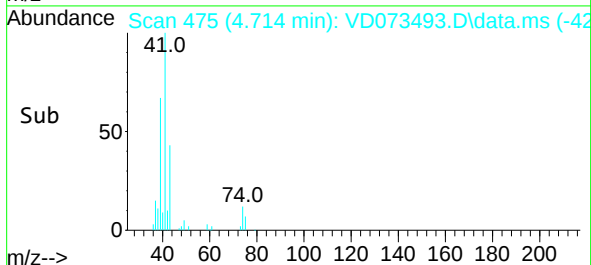
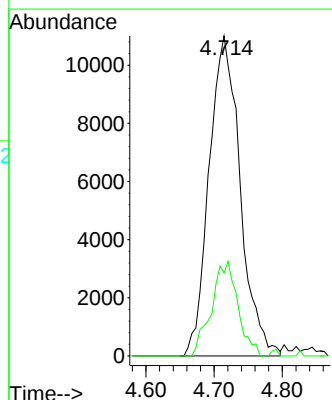
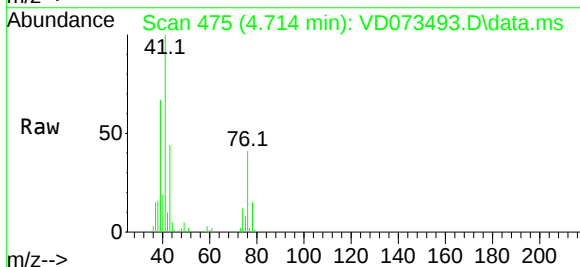
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

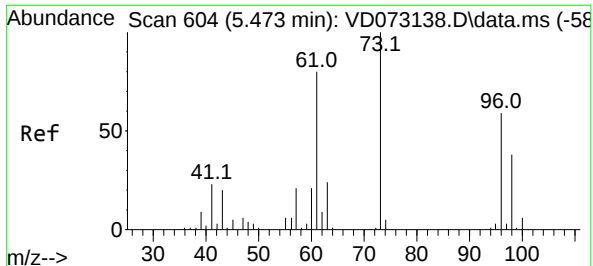
Tgt Ion: 76 Resp: 159857
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 21.638 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 43 Resp: 34921
Ion Ratio Lower Upper
43 100
74 25.1 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 20.200 ug/l

RT: 5.467 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

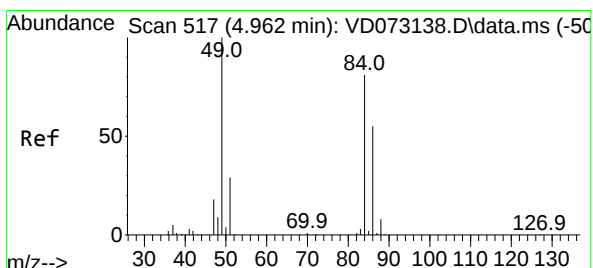
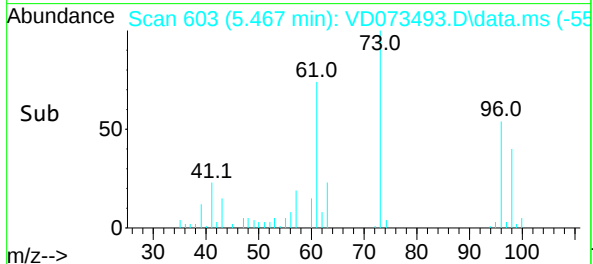
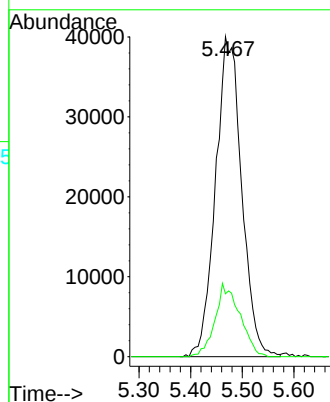
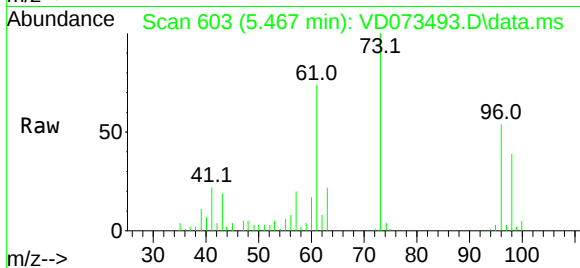
VD0607SBS01

Tgt Ion: 73 Resp: 140222

Ion Ratio Lower Upper

73 100

57 19.7 18.0 27.0



#20

Methylene Chloride

Concen: 19.467 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Tgt Ion: 84 Resp: 80641

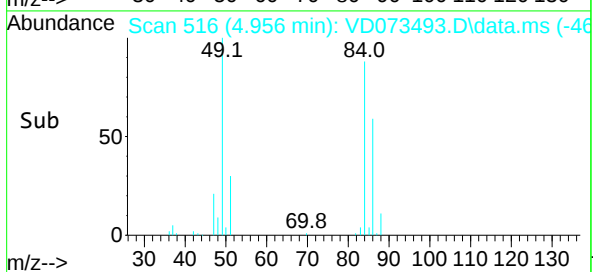
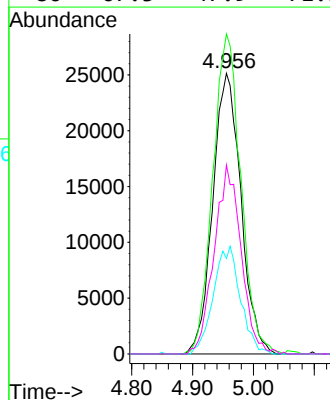
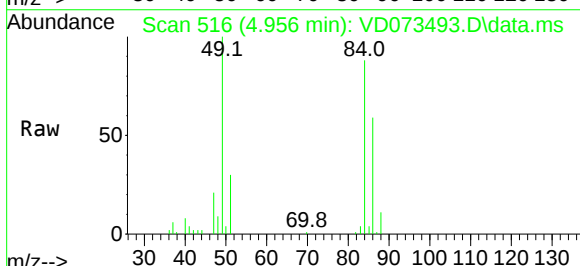
Ion Ratio Lower Upper

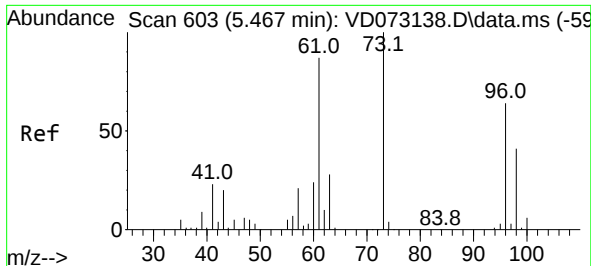
84 100

49 114.0 112.8 169.2

51 34.1 32.6 48.8

86 67.3 47.9 71.9

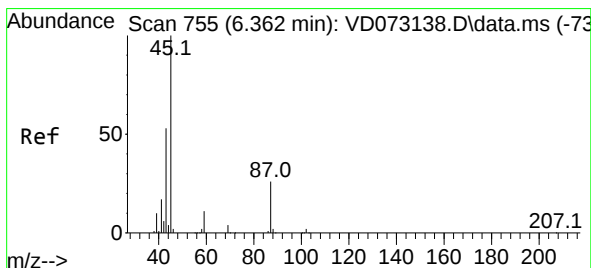
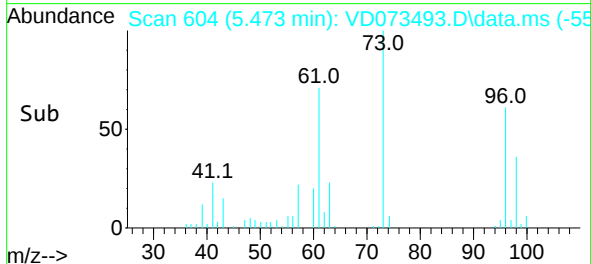
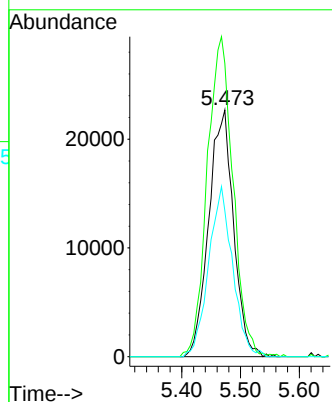
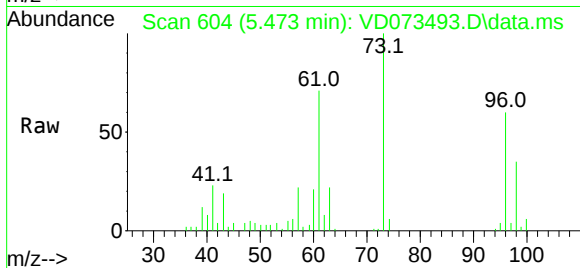




#21
trans-1,2-Dichloroethene
Concen: 18.036 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

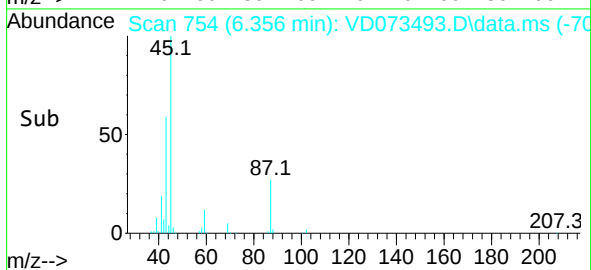
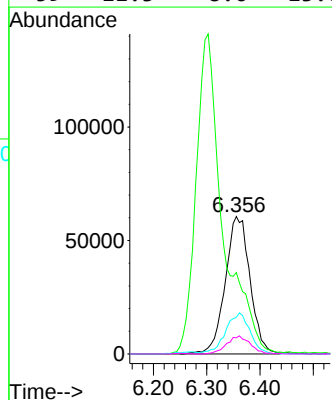
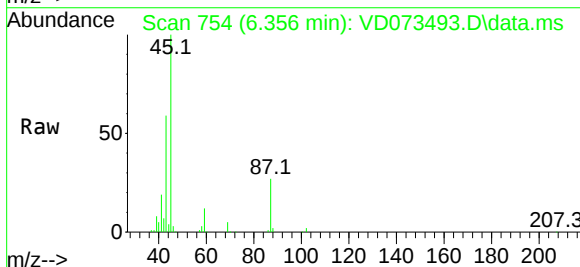
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

Tgt Ion: 96 Resp: 66448
Ion Ratio Lower Upper
96 100
61 118.9 117.9 176.9
98 59.2 49.4 74.2



#22
Diisopropyl ether
Concen: 18.976 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 45 Resp: 195653
Ion Ratio Lower Upper
45 100
43 57.8 46.6 70.0
87 26.7 18.4 27.6
59 11.3 8.6 13.0

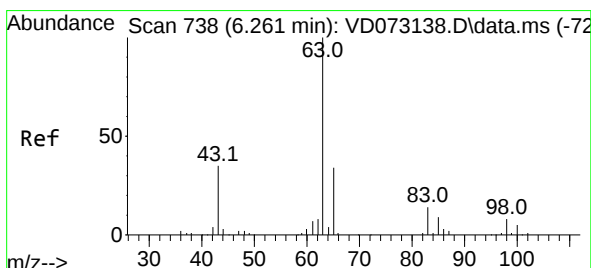
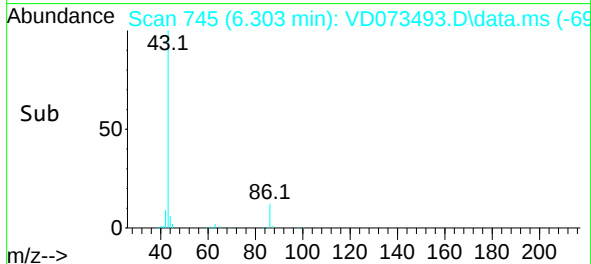
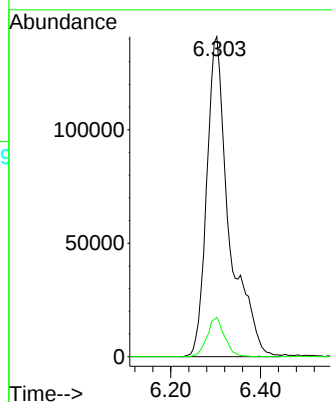
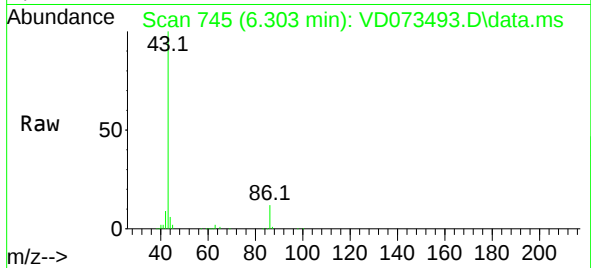




#23
 Vinyl Acetate
 Concen: 89.365 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

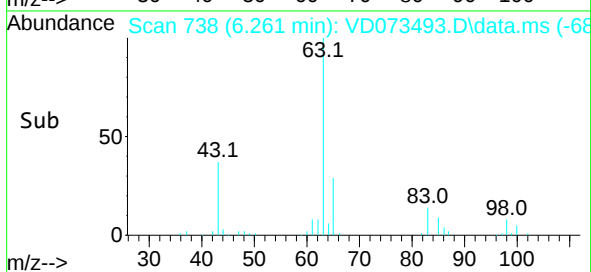
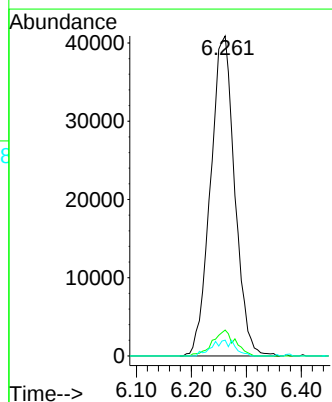
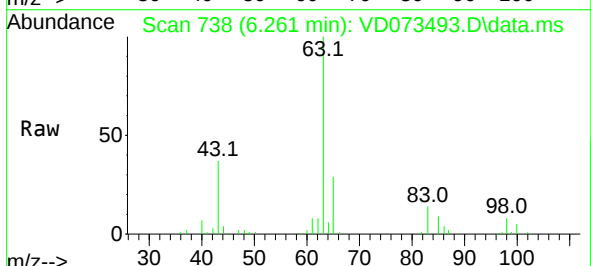
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBSD01

Tgt Ion: 43 Resp: 491482
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 18.906 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

Tgt Ion: 63 Resp: 125121
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 5.0 2.1 6.5





#25

2-Butanone

Concen: 93.534 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.005 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

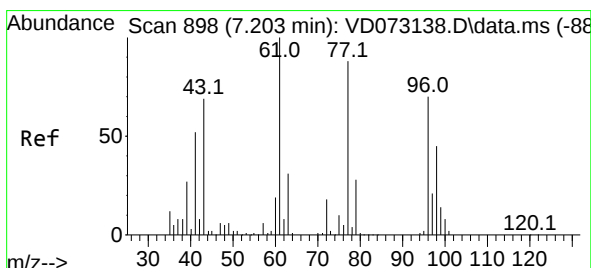
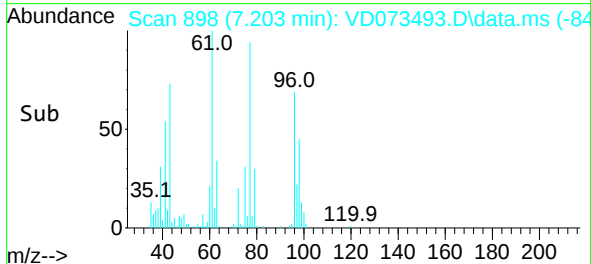
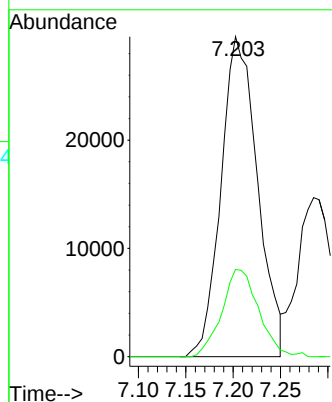
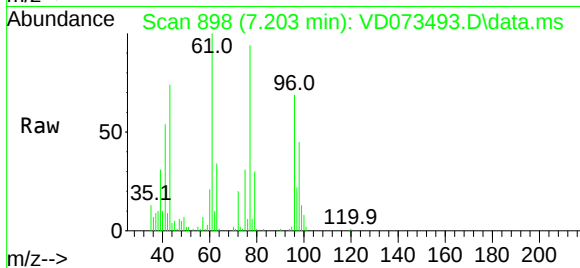
VD0607SBSD01

Tgt Ion: 43 Resp: 79423

Ion Ratio Lower Upper

43 100

72 27.3 18.6 27.8



#26

2,2-Dichloropropane

Concen: 19.904 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.006 min

Lab File: VD073493.D

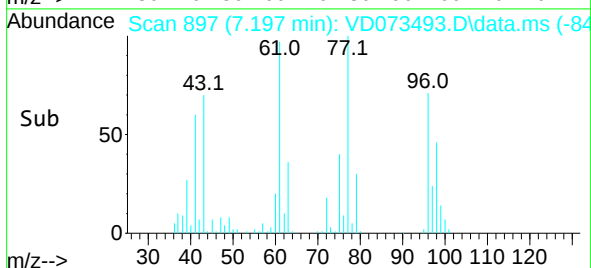
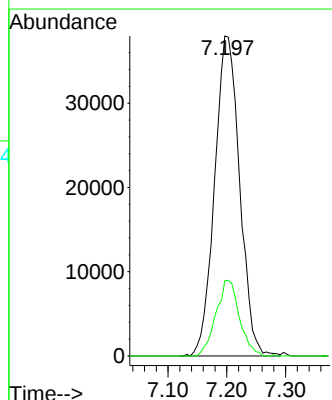
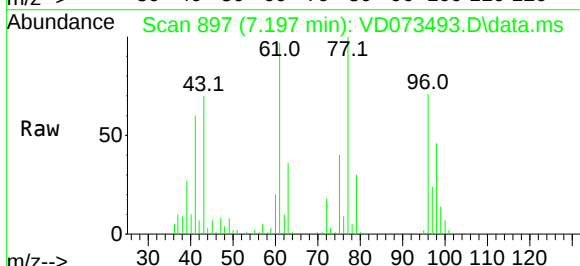
Acq: 07 Jun 2022 11:30

Tgt Ion: 77 Resp: 112338

Ion Ratio Lower Upper

77 100

97 22.1 10.8 32.4

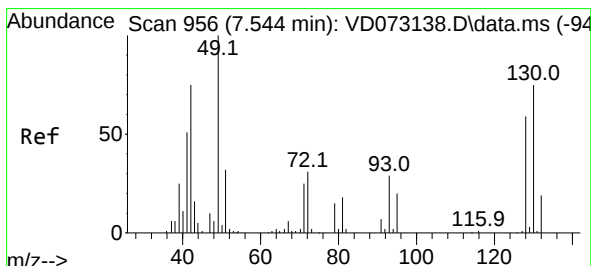
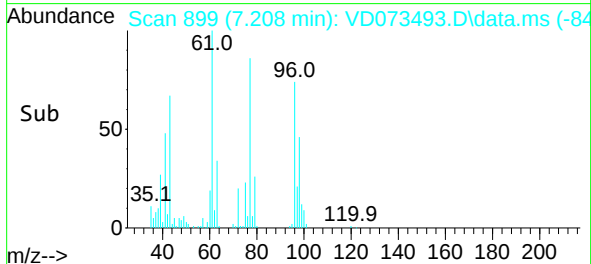
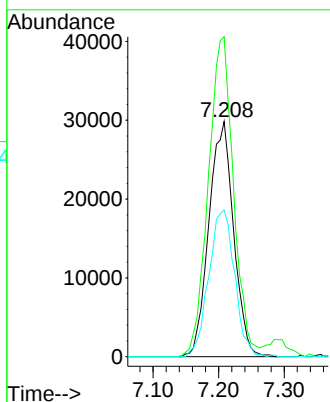
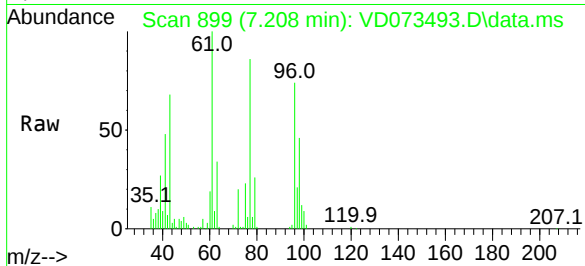




#27
 cis-1,2-Dichloroethene
 Concen: 19.158 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

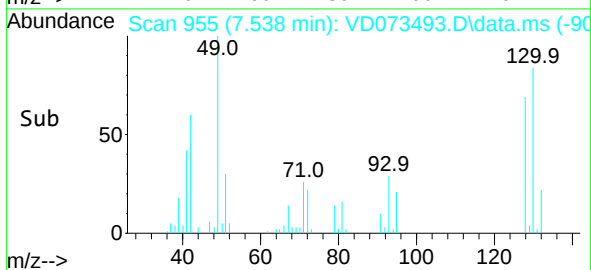
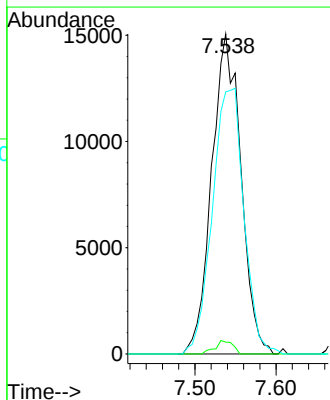
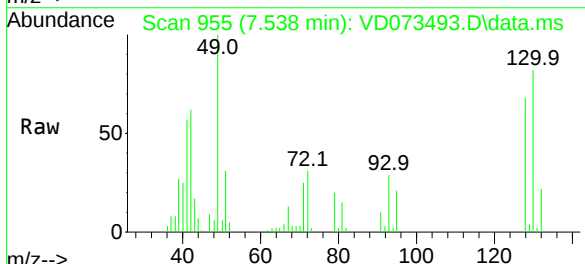
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

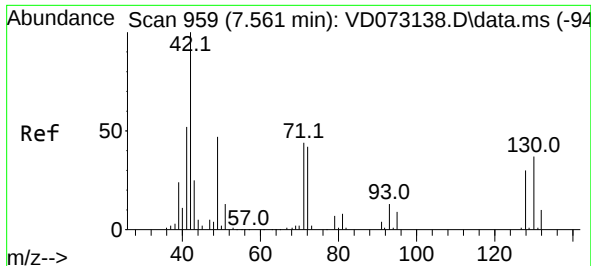
Tgt Ion: 96 Resp: 78099
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 313.8
 98 65.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 16.503 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

Tgt Ion: 49 Resp: 37628
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.0
 130 89.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 97.799 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBSD01

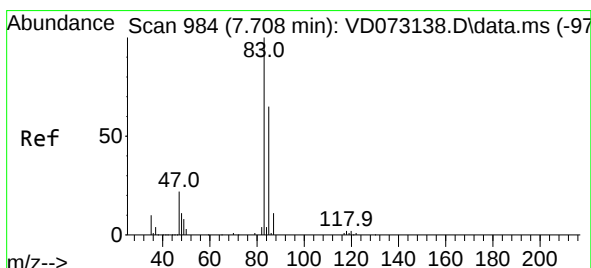
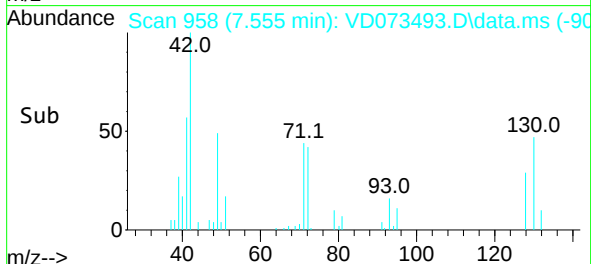
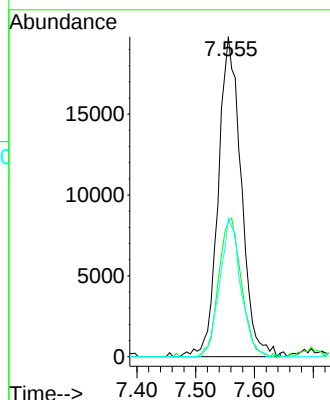
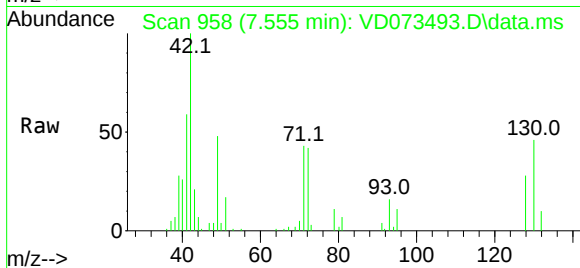
Tgt Ion: 42 Resp: 53698

Ion Ratio Lower Upper

42 100

72 42.7 30.7 46.1

71 39.6 28.6 43.0



#30

Chloroform

Concen: 19.742 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073493.D

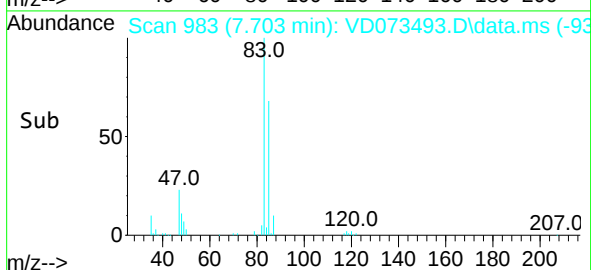
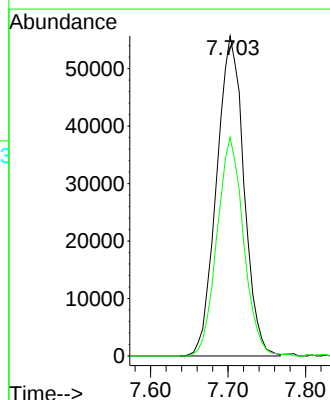
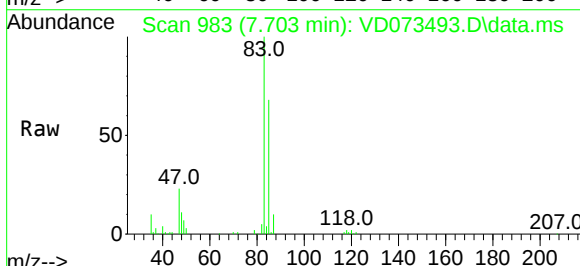
Acq: 07 Jun 2022 11:30

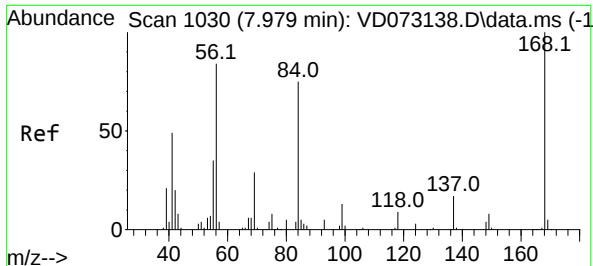
Tgt Ion: 83 Resp: 136401

Ion Ratio Lower Upper

83 100

85 68.3 52.7 79.1





#31

Cyclohexane

Concen: 17.169 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBSD01

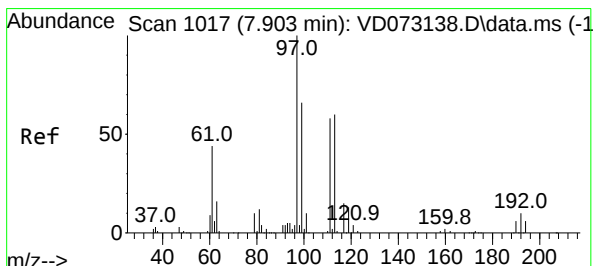
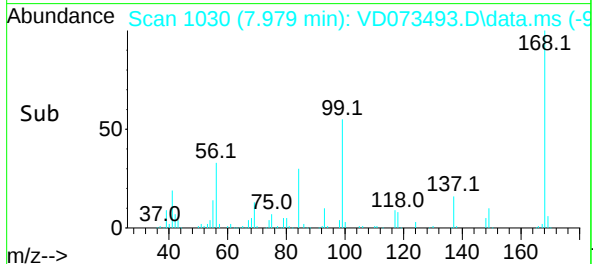
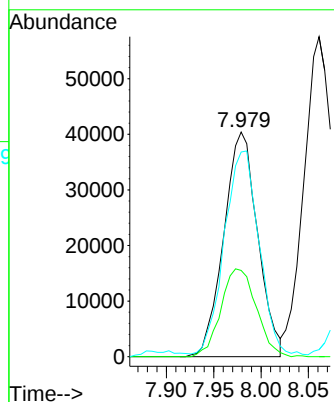
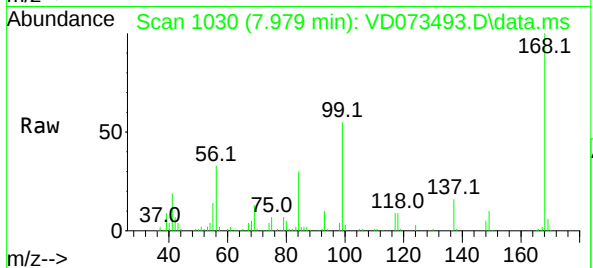
Tgt Ion: 56 Resp: 100532

Ion Ratio Lower Upper

56 100

69 38.4 25.4 38.2#

84 89.5 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 20.065 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

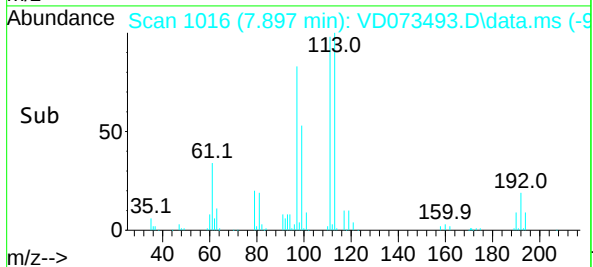
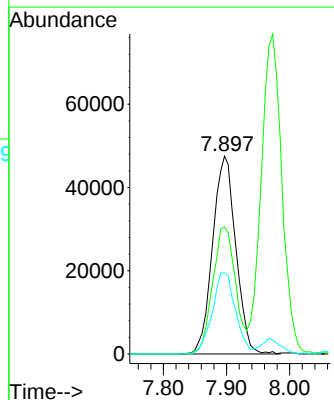
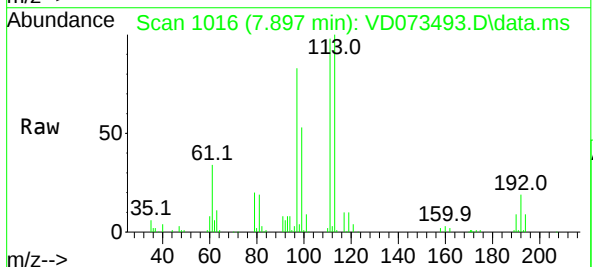
Tgt Ion: 97 Resp: 121251

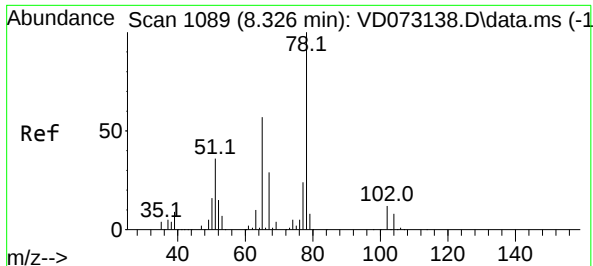
Ion Ratio Lower Upper

97 100

99 63.6 52.4 78.6

61 41.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.532 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

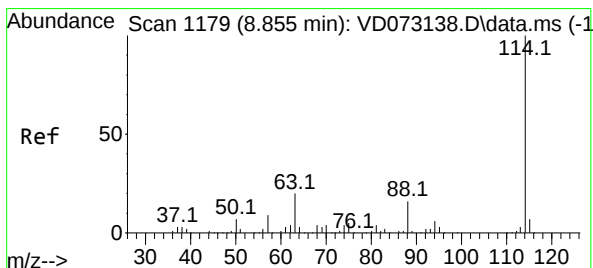
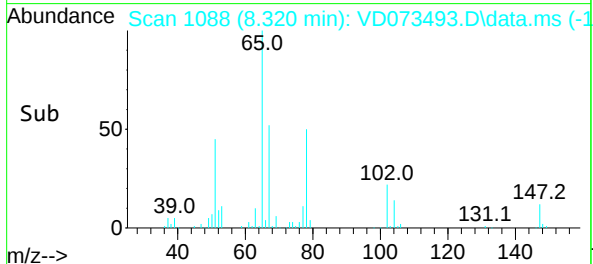
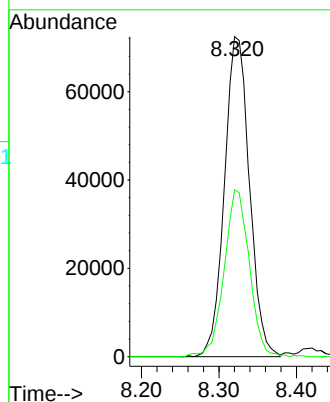
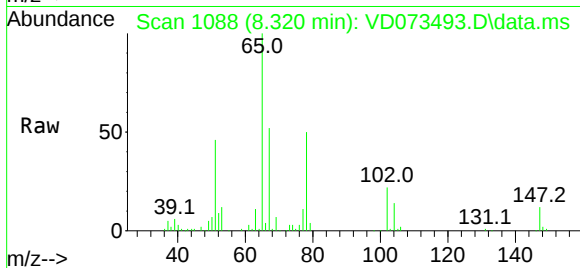
VD0607SBSD01

Tgt Ion: 65 Resp: 162620

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

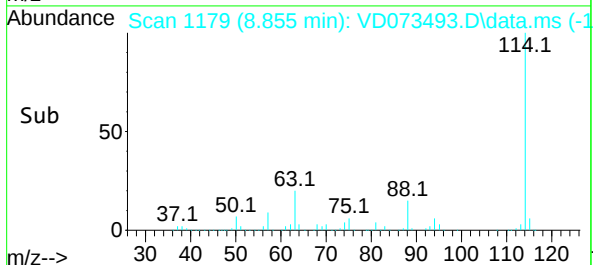
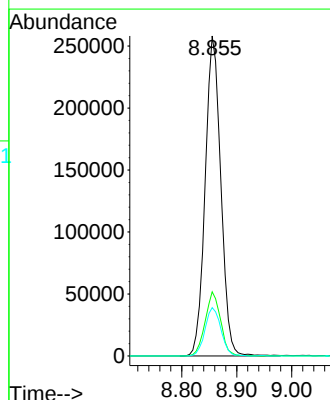
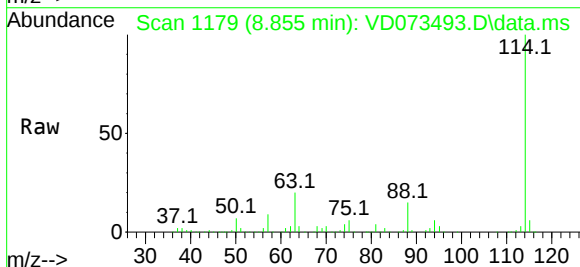
Tgt Ion: 114 Resp: 510182

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.1 0.0 33.2

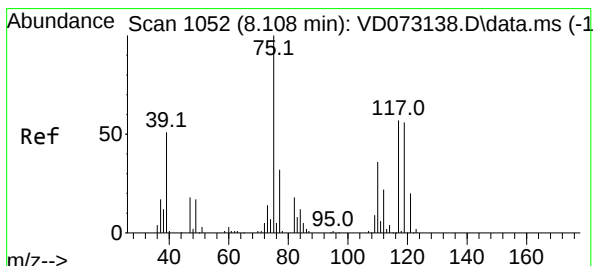
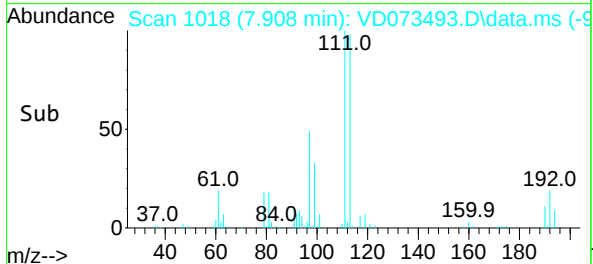
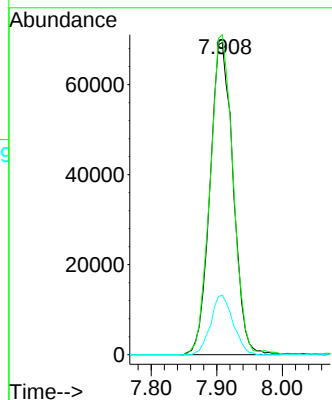
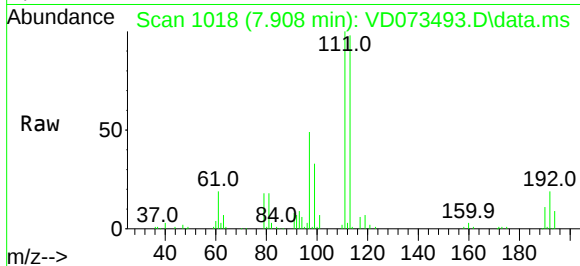




#35
Dibromofluoromethane
Concen: 50.473 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

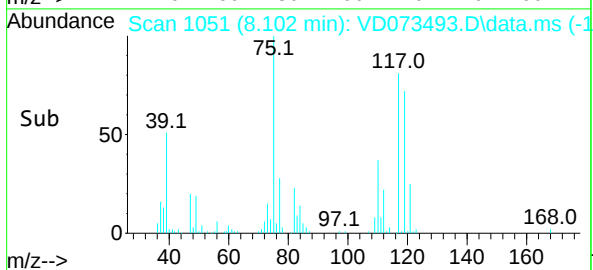
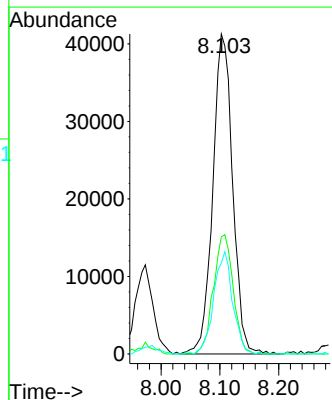
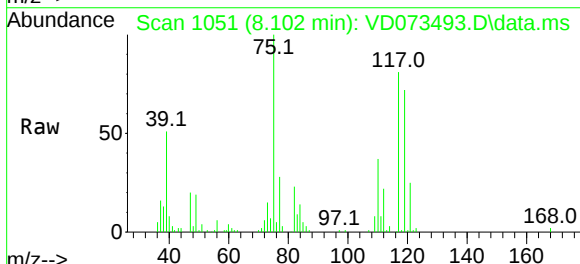
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

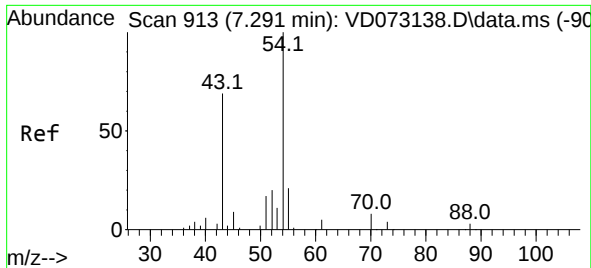
Tgt Ion:113 Resp: 169919
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 18.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 19.098 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 75 Resp: 96699
Ion Ratio Lower Upper
75 100
110 37.0 16.4 49.1
77 30.6 24.2 36.2

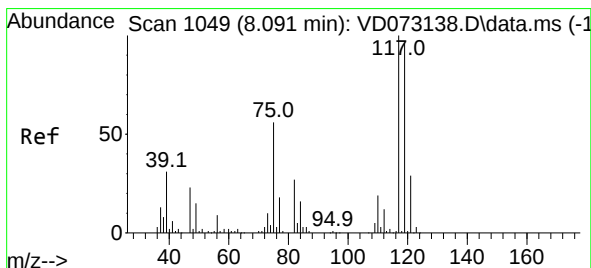
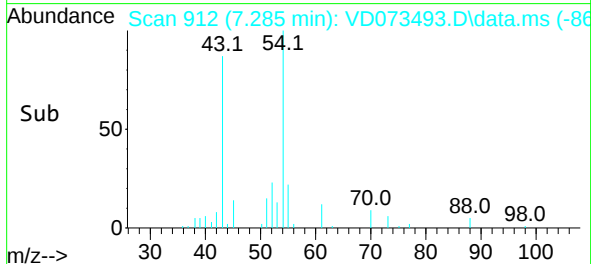
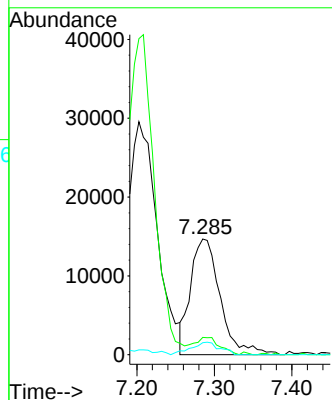
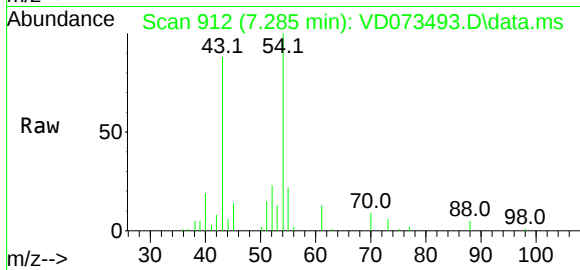




#37
Ethyl Acetate
Concen: 19.468 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

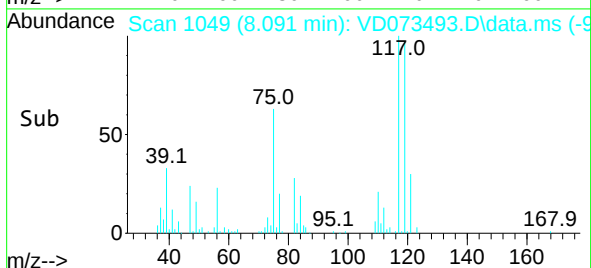
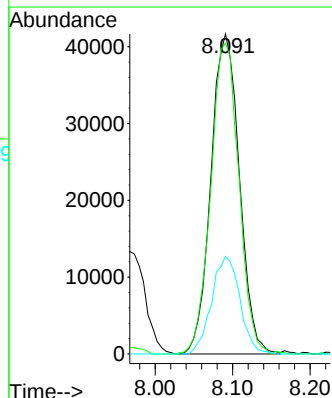
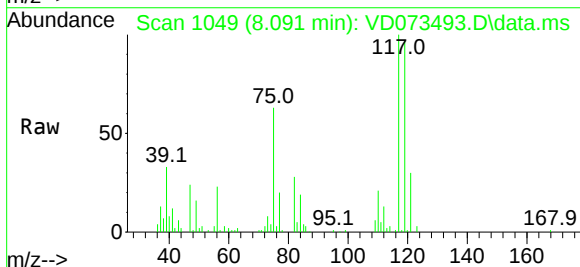
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

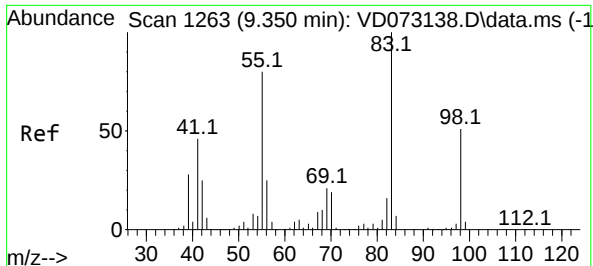
Tgt Ion: 43 Resp: 38935
Ion Ratio Lower Upper
43 100
61 12.0 9.8 14.8
70 10.4 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 20.699 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 117 Resp: 106234
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6
121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 18.456 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBSD01

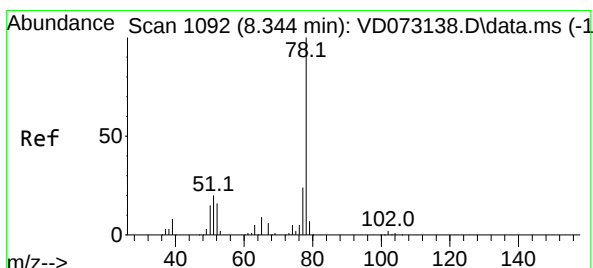
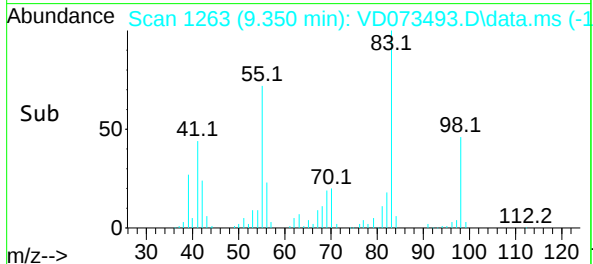
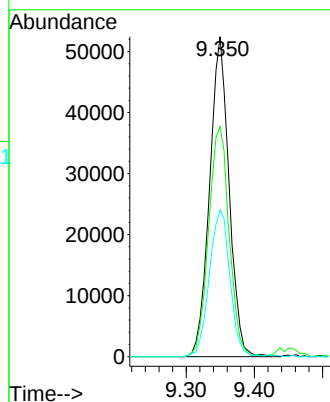
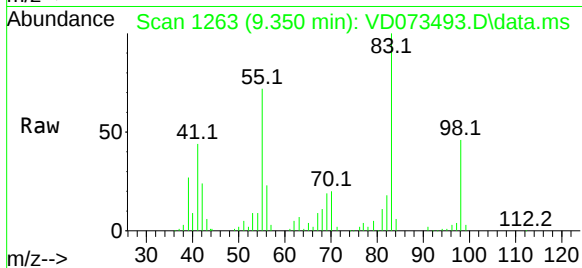
Tgt Ion: 83 Resp: 104142

Ion Ratio Lower Upper

83 100

55 71.9 63.2 94.8

98 45.8 38.2 57.4



#40

Benzene

Concen: 19.844 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073493.D

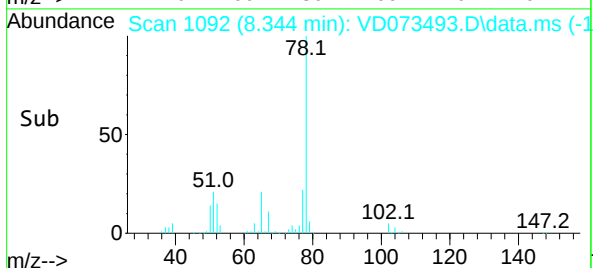
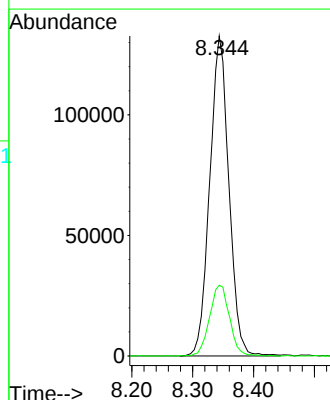
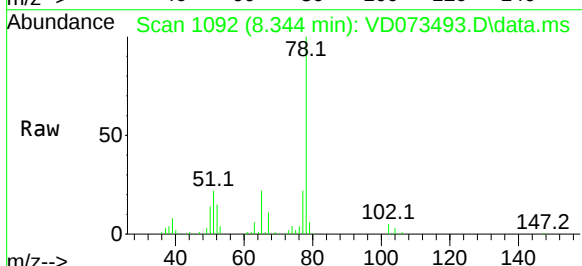
Acq: 07 Jun 2022 11:30

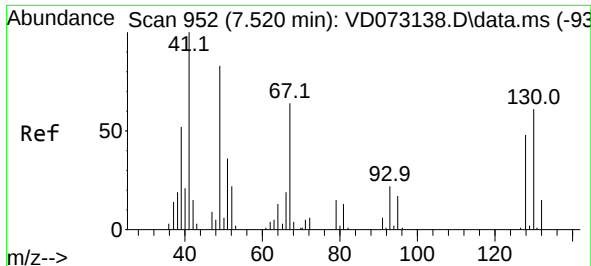
Tgt Ion: 78 Resp: 289569

Ion Ratio Lower Upper

78 100

77 22.1 19.1 28.7

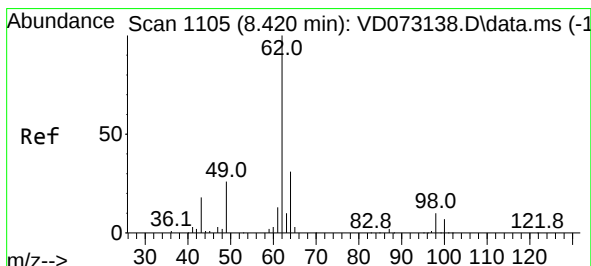
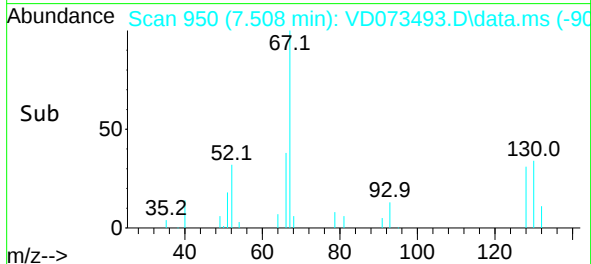
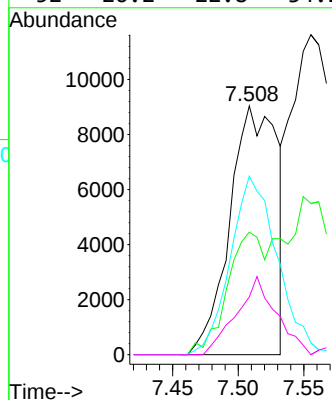
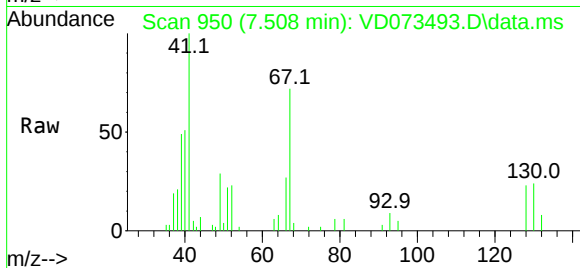




#41
Methacrylonitrile
Concen: 19.547 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

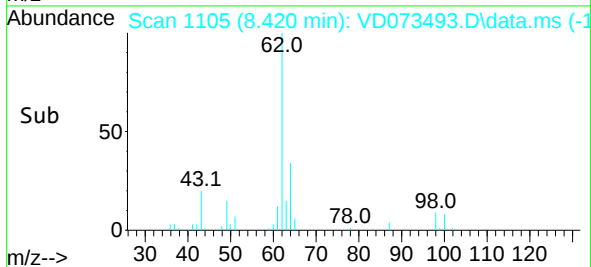
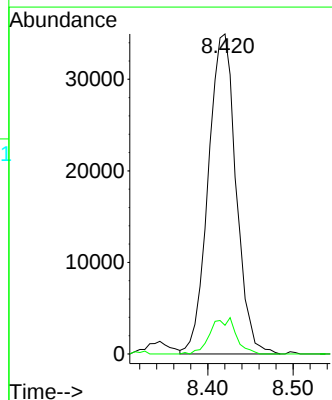
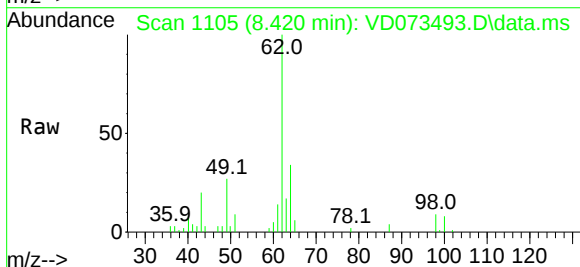
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

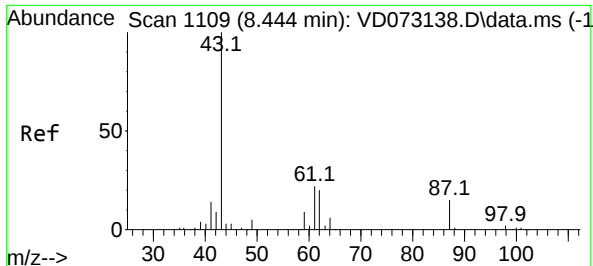
Tgt Ion:	41	Resp:	22777
Ion	Ratio	Lower	Upper
41	100		
39	38.2	44.6	67.0#
67	71.3	48.2	72.4
52	26.2	22.8	34.2



#42
1,2-Dichloroethane
Concen: 19.490 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion:	62	Resp:	79135
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.722 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

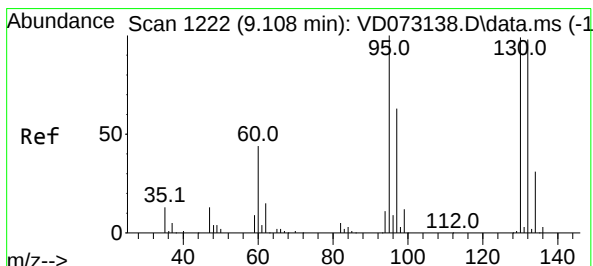
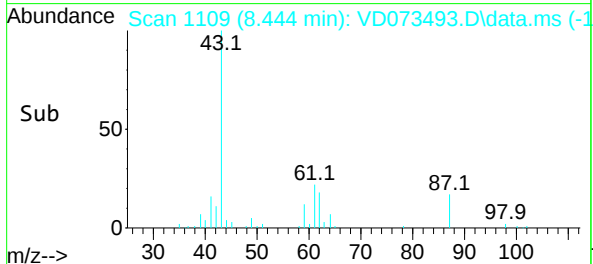
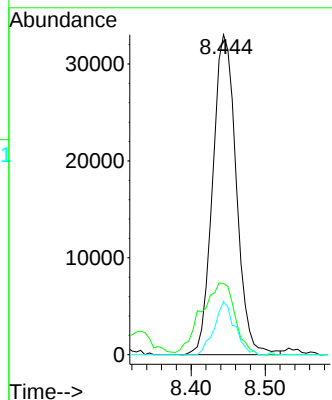
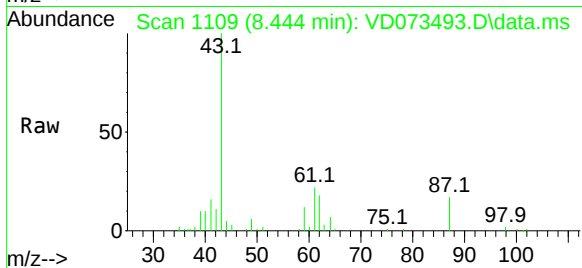
Tgt Ion: 43 Resp: 72905

Ion Ratio Lower Upper

43 100

61 32.1 22.4 33.6

87 14.5 8.7 13.1#



#44

Trichloroethene

Concen: 20.355 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073493.D

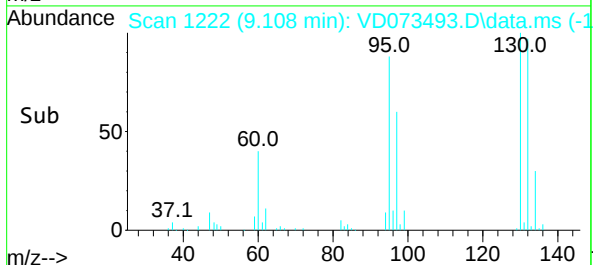
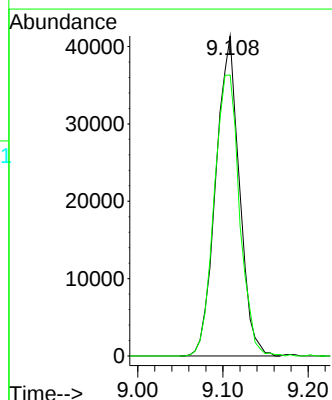
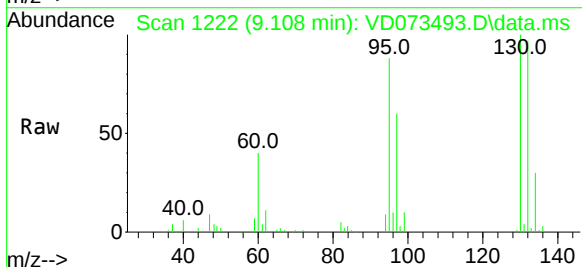
Acq: 07 Jun 2022 11:30

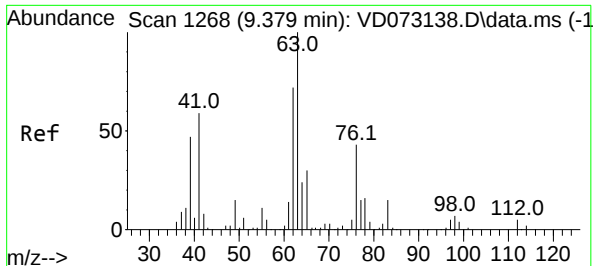
Tgt Ion:130 Resp: 79208

Ion Ratio Lower Upper

130 100

95 87.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.836 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

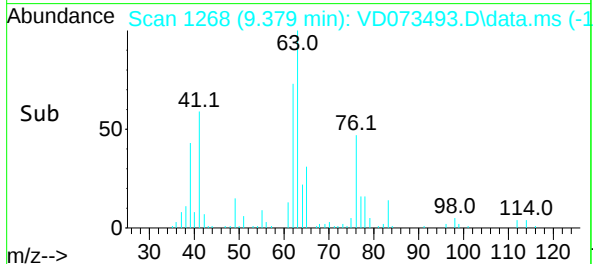
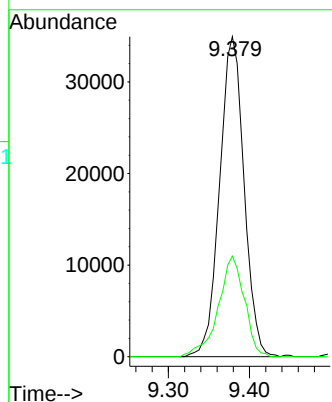
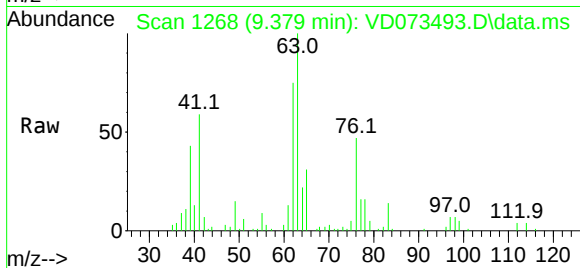
VD0607SBSD01

Tgt Ion: 63 Resp: 72896

Ion Ratio Lower Upper

63 100

65 31.5 26.2 39.4



#46

Dibromomethane

Concen: 19.455 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

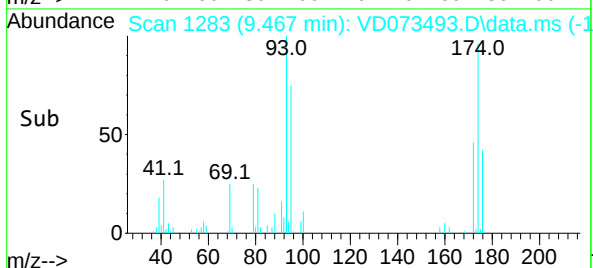
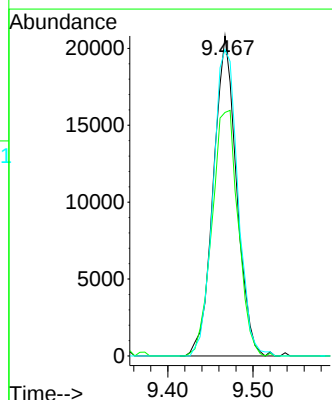
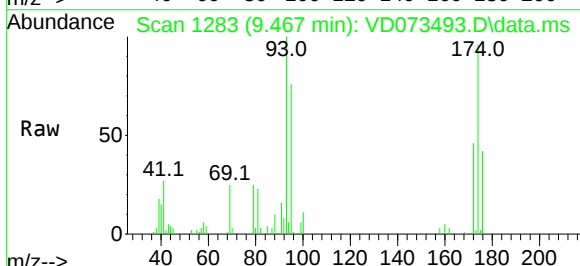
Tgt Ion: 93 Resp: 39267

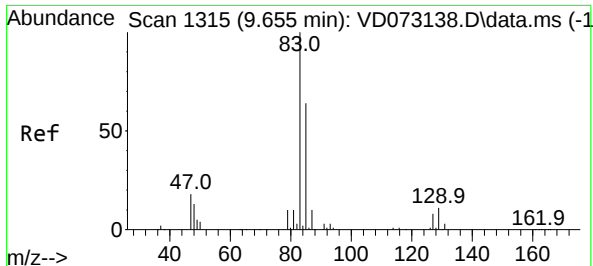
Ion Ratio Lower Upper

93 100

95 86.3 66.7 100.1

174 102.4 71.6 107.4





#47

Bromodichloromethane

Concen: 19.811 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

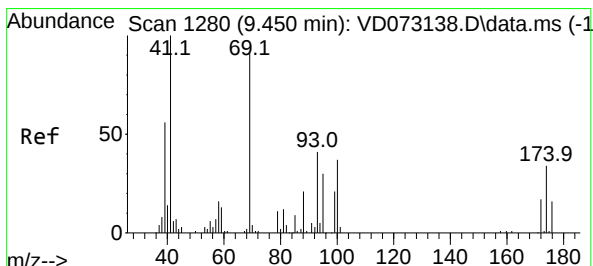
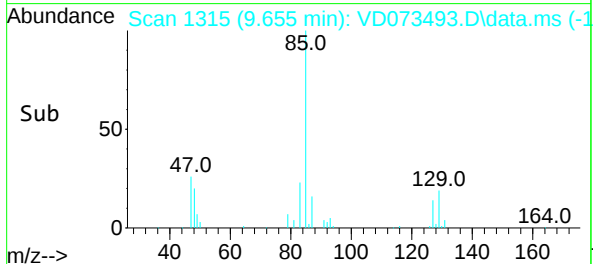
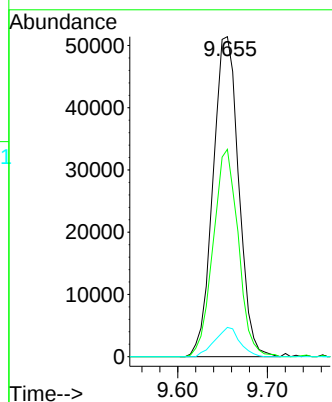
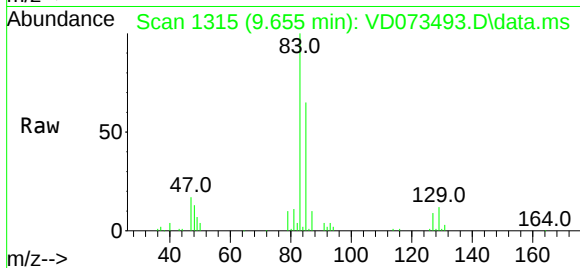
Tgt Ion: 83 Resp: 102310

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

127 9.2 6.1 9.1#



#48

Methyl methacrylate

Concen: 17.139 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.001 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

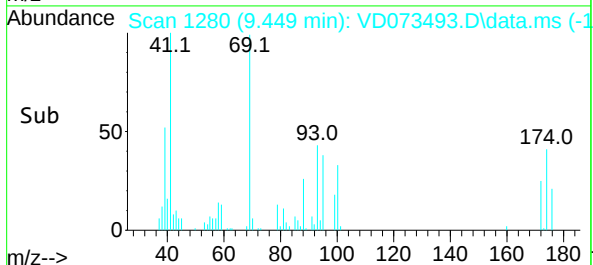
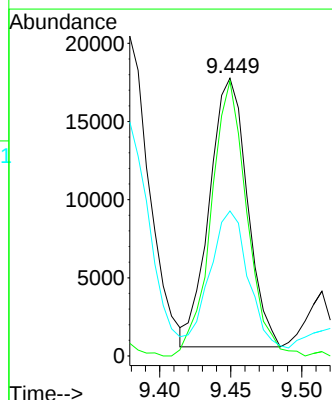
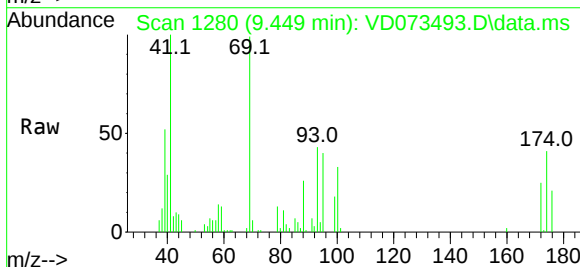
Tgt Ion: 41 Resp: 31875

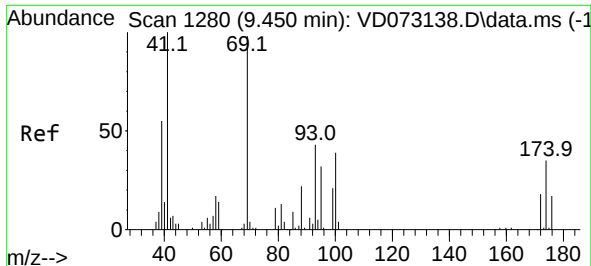
Ion Ratio Lower Upper

41 100

69 96.5 56.7 85.1#

39 58.7 42.7 64.1





#49

1,4-Dioxane

Concen: 407.282 ug/l

RT: 9.449 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

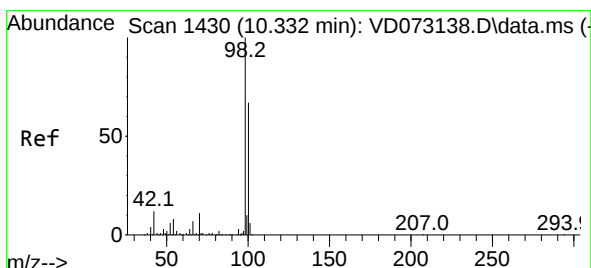
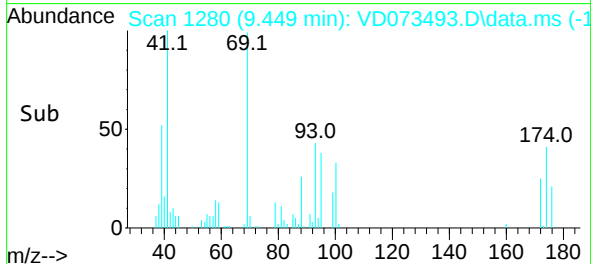
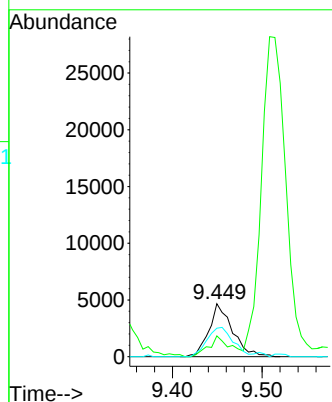
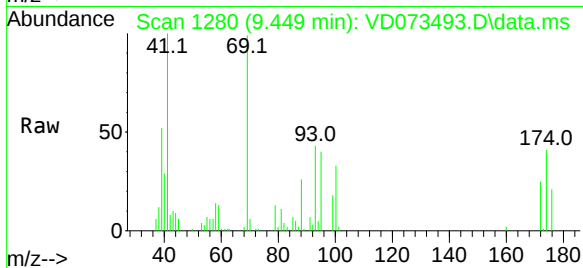
Tgt Ion: 88 Resp: 8489

Ion Ratio Lower Upper

88 100

43 33.9 31.0 46.4

58 61.9 58.1 87.1



#50

Toluene-d8

Concen: 49.290 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073493.D

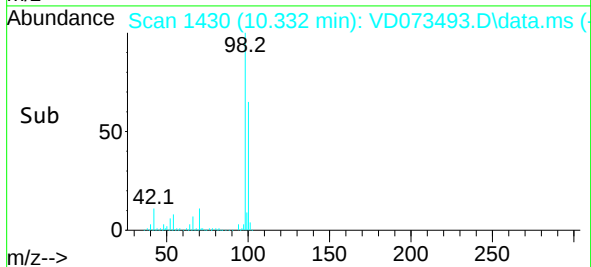
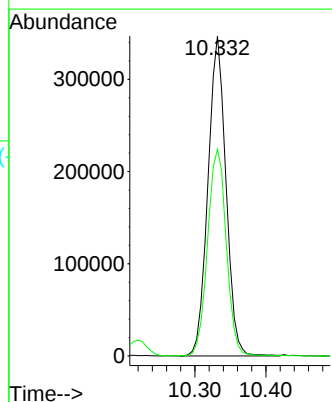
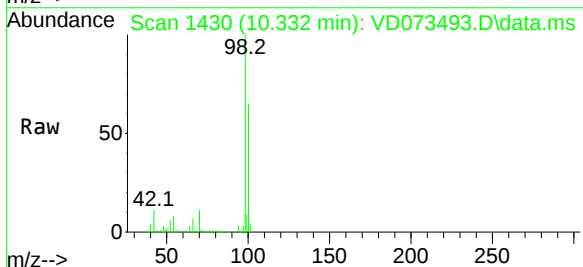
Acq: 07 Jun 2022 11:30

Tgt Ion: 98 Resp: 611676

Ion Ratio Lower Upper

98 100

100 67.3 52.4 78.6

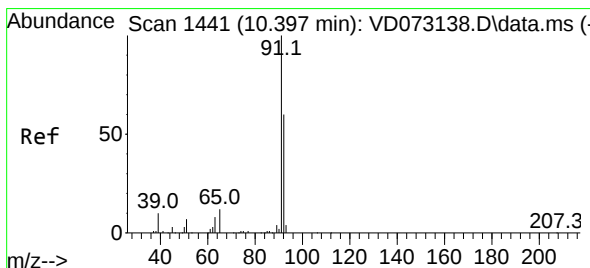
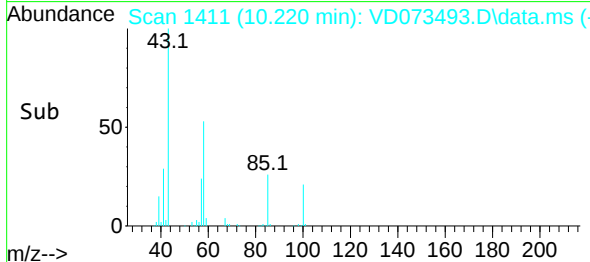
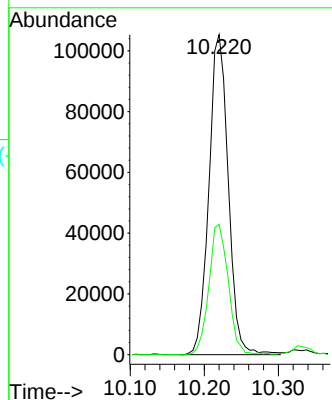
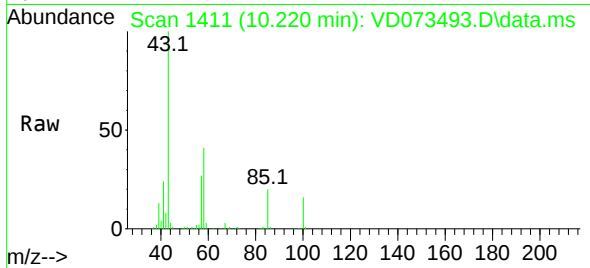




#51
4-Methyl-2-Pentanone
Concen: 99.431 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

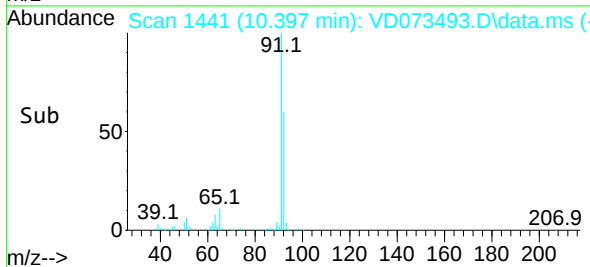
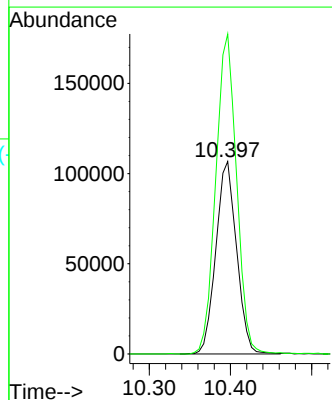
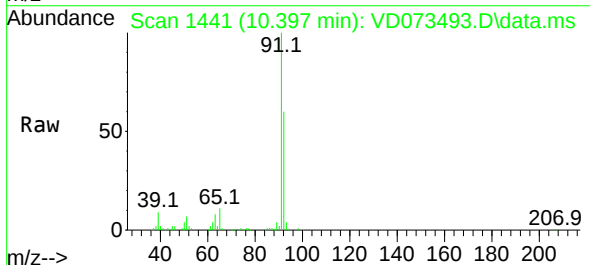
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

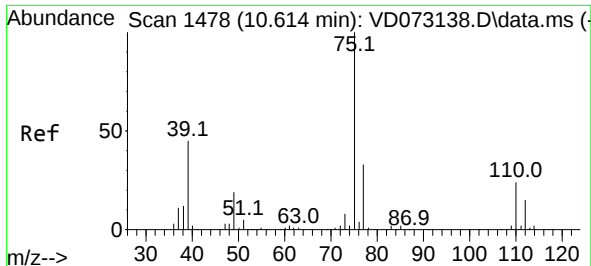
Tgt Ion: 43 Resp: 190901
Ion Ratio Lower Upper
43 100
58 41.0 28.6 43.0



#52
Toluene
Concen: 20.512 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 92 Resp: 189140
Ion Ratio Lower Upper
92 100
91 167.0 139.6 209.4

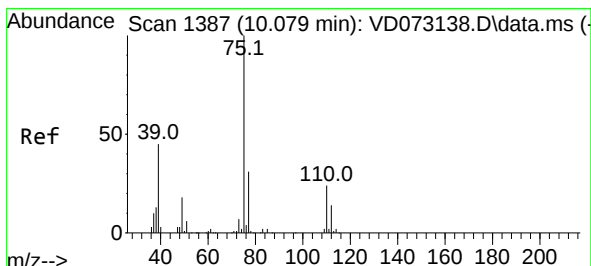
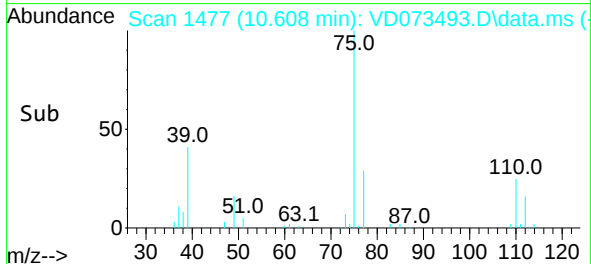
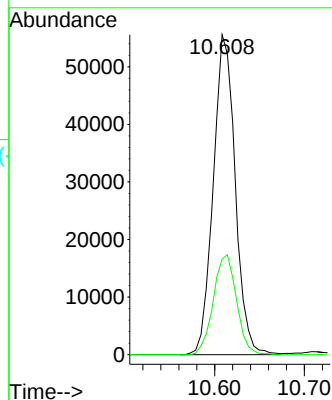
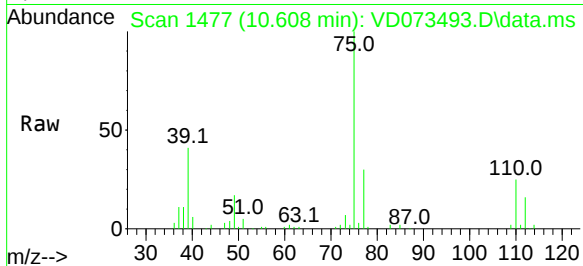




#53
 t-1,3-Dichloropropene
 Concen: 20.228 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

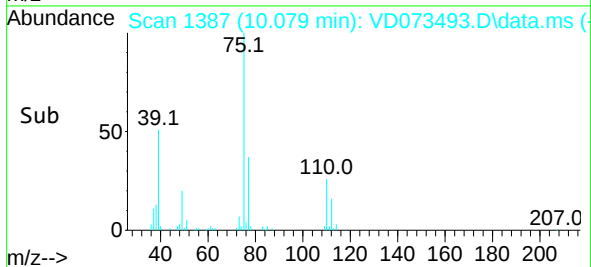
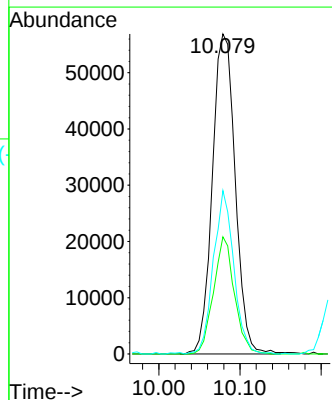
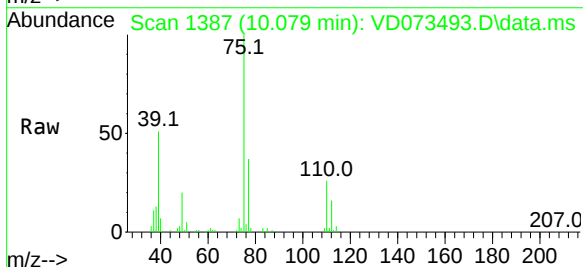
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBSD01

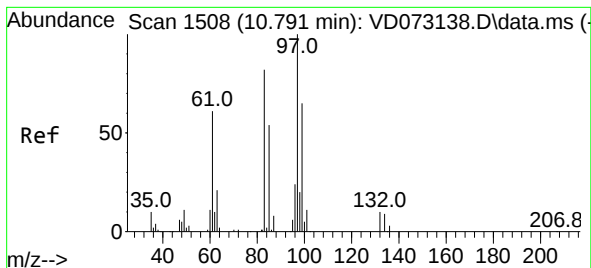
Tgt Ion: 75 Resp: 94373
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.942 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

Tgt Ion: 75 Resp: 111336
 Ion Ratio Lower Upper
 75 100
 77 36.6 24.8 37.2
 39 51.1 46.8 70.2

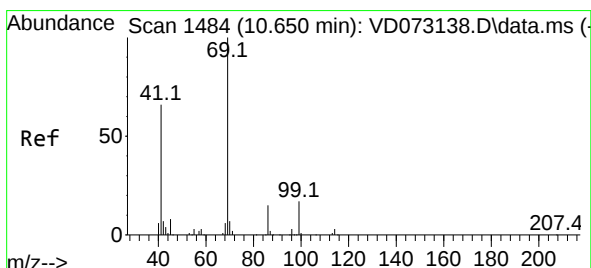
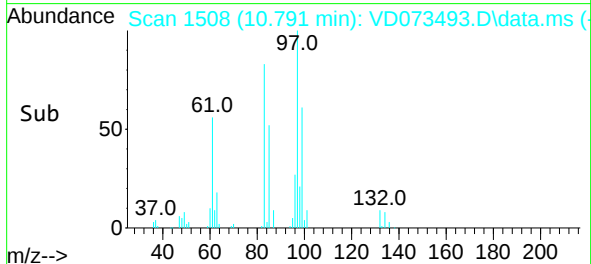
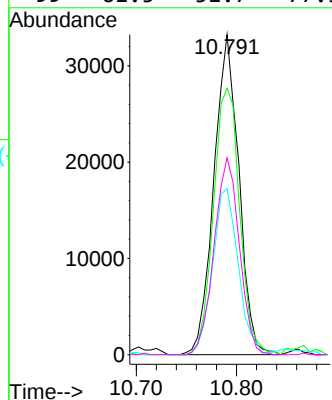
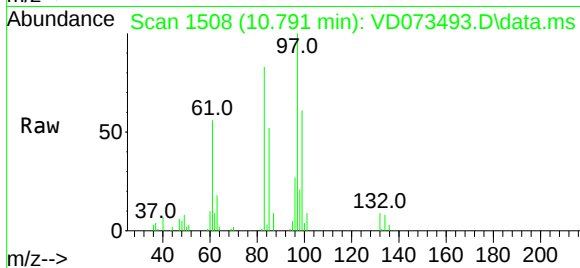




#55
1,1,2-Trichloroethane
Concen: 21.061 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

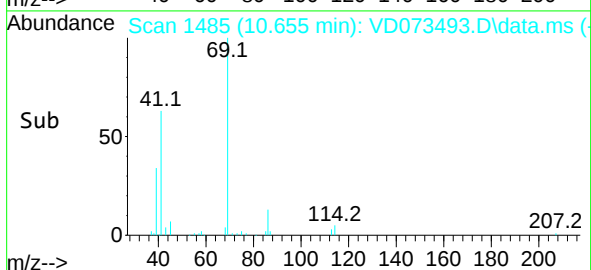
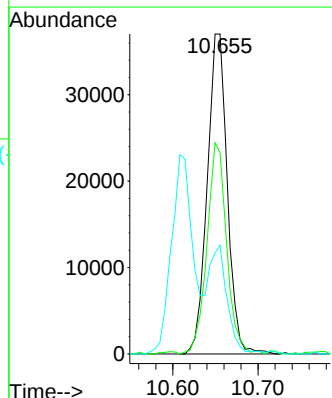
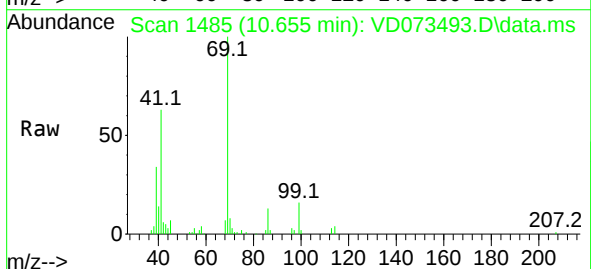
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

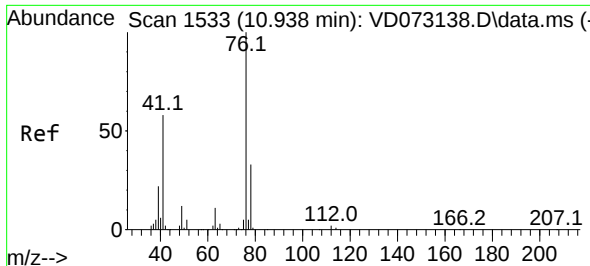
Tgt Ion:	97	Resp:	57481
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.0	103.4
85	51.9	42.6	63.8
99	61.5	51.7	77.5



#56
Ethyl methacrylate
Concen: 19.974 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion:	69	Resp:	60611
Ion	Ratio	Lower	Upper
69	100		
41	64.8	63.0	94.6
39	28.7	33.8	50.8





#57

1,3-Dichloropropane

Concen: 20.339 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

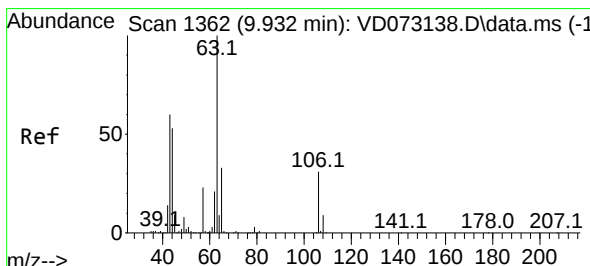
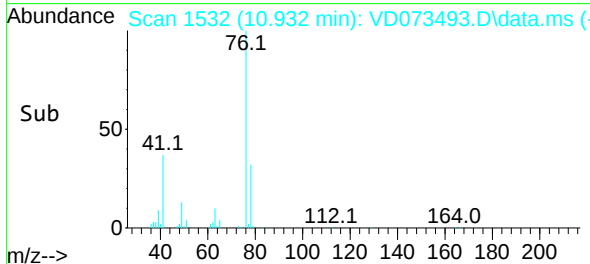
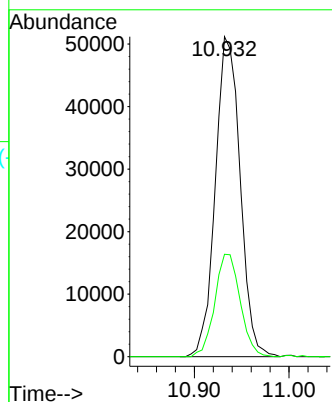
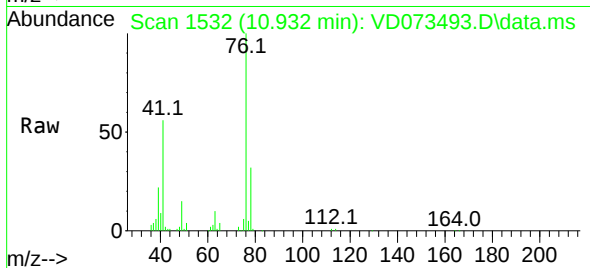
VD0607SBS01

Tgt Ion: 76 Resp: 93141

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 109.846 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073493.D

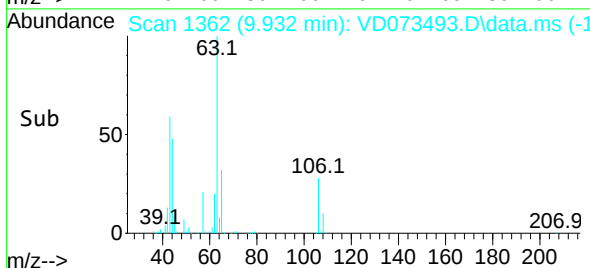
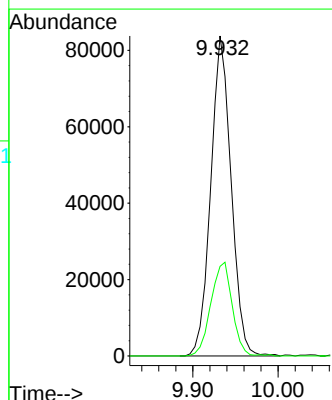
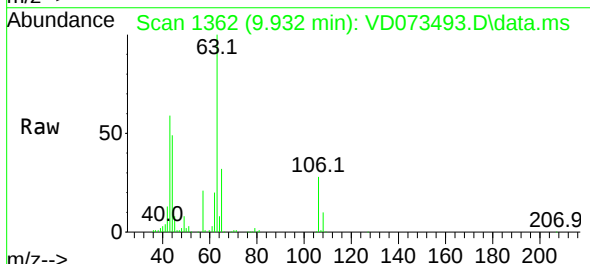
Acq: 07 Jun 2022 11:30

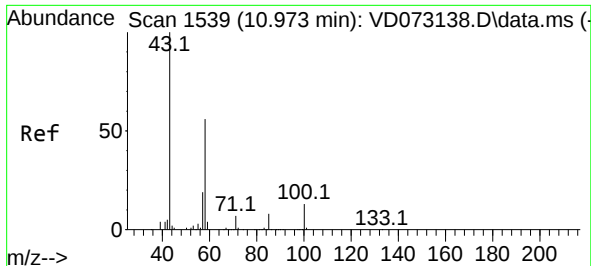
Tgt Ion: 63 Resp: 139238

Ion Ratio Lower Upper

63 100

106 30.5 21.4 32.0

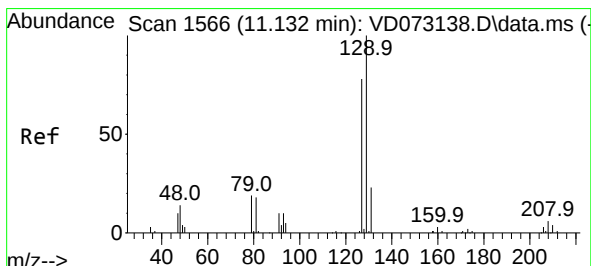
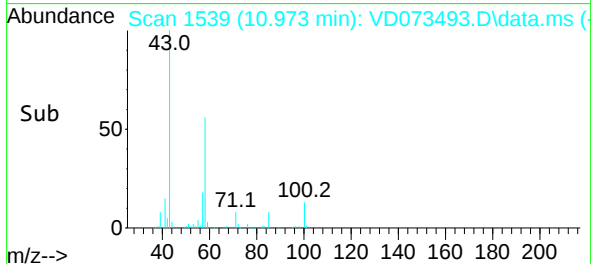
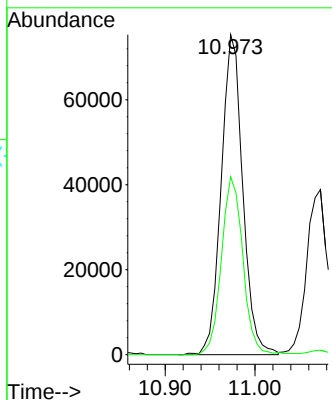
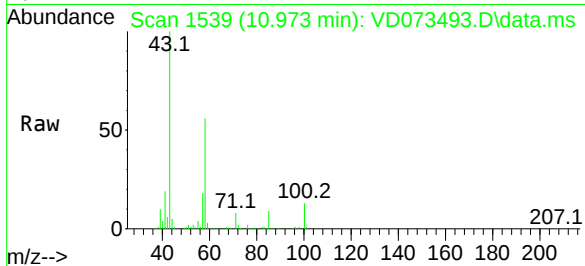




#59
2-Hexanone
Concen: 99.045 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

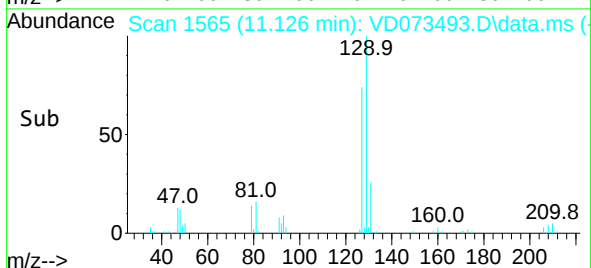
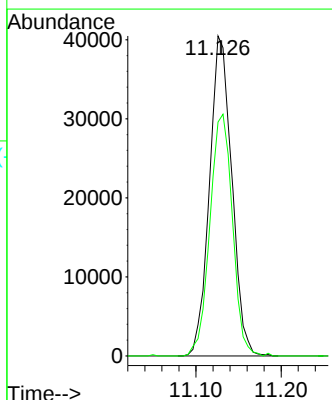
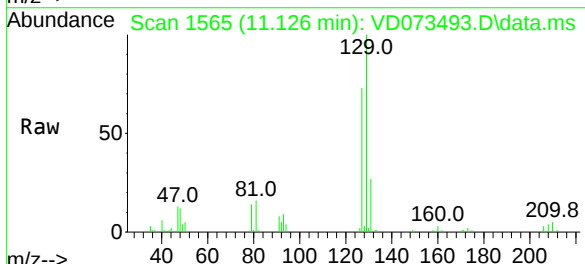
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

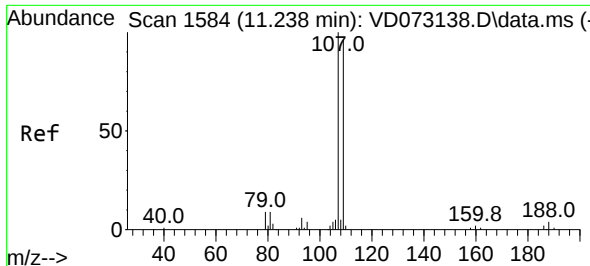
Tgt Ion: 43 Resp: 125370
Ion Ratio Lower Upper
43 100
58 55.5 25.3 75.9



#60
Dibromochloromethane
Concen: 21.628 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion:129 Resp: 73605
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6

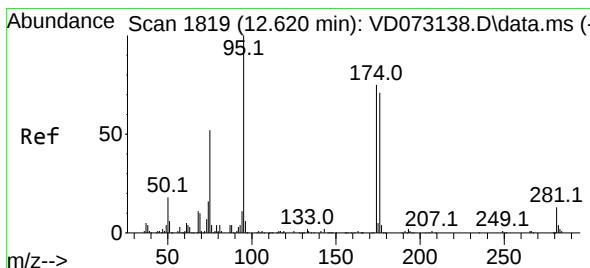
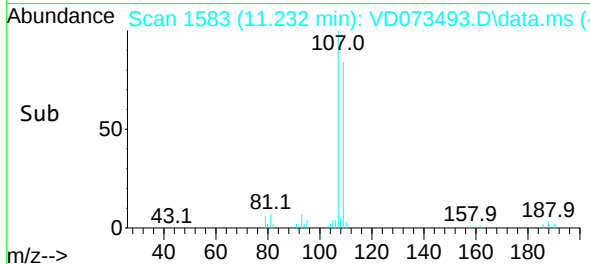
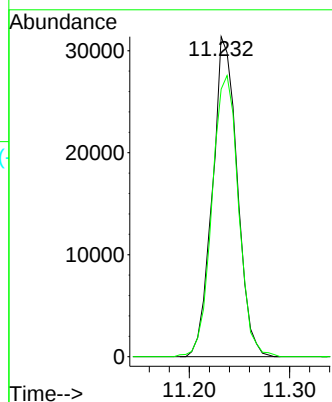
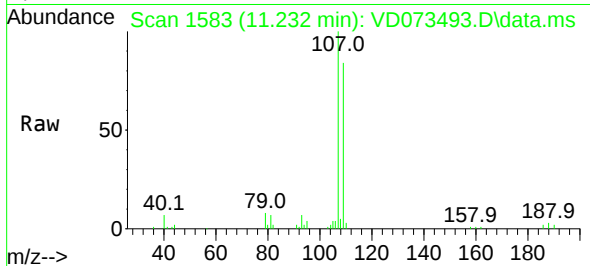




#61
1,2-Dibromoethane
Concen: 20.643 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

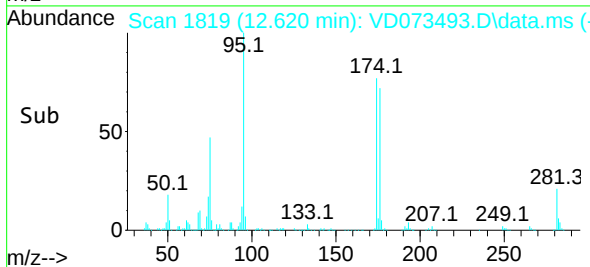
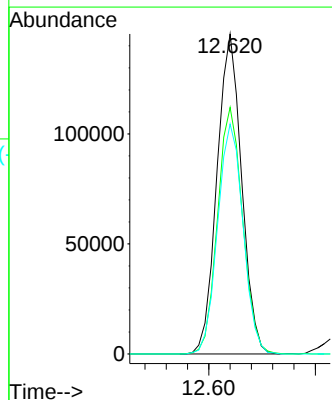
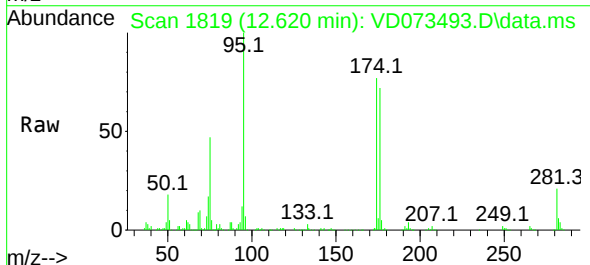
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

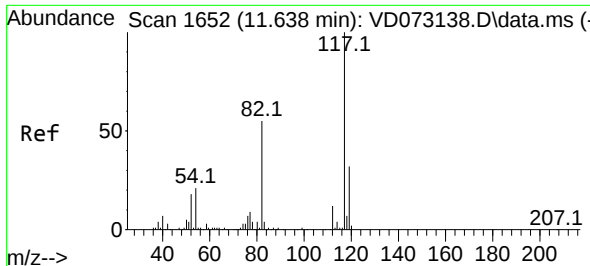
Tgt Ion:107 Resp: 53837
Ion Ratio Lower Upper
107 100
109 93.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 53.573 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 95 Resp: 233316
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 74.0 0.0 145.4

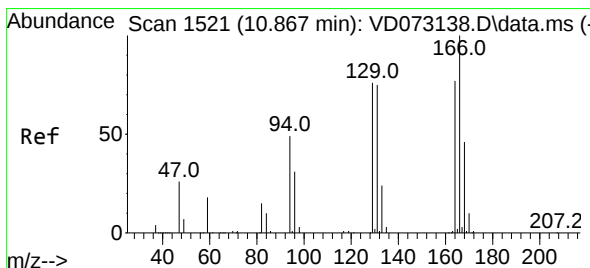
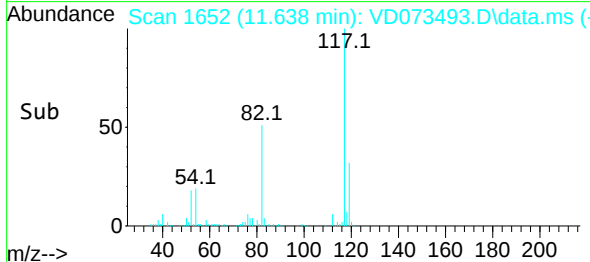
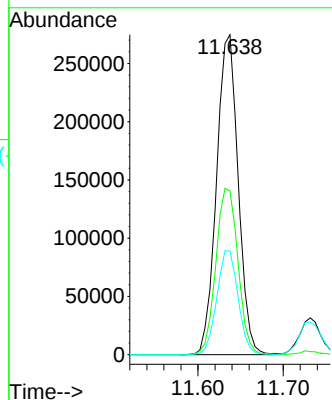
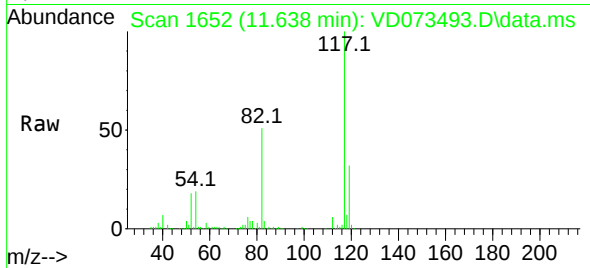




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

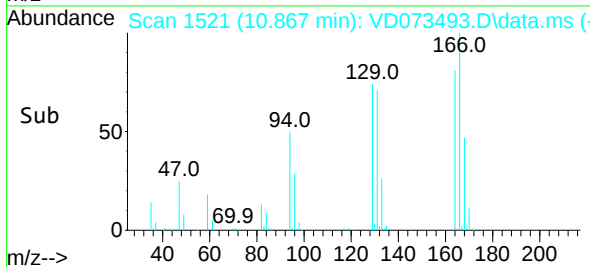
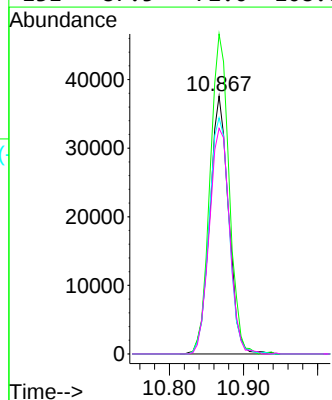
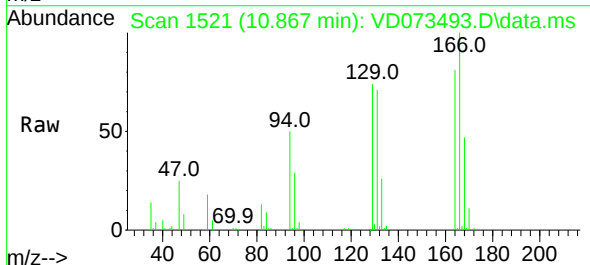
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

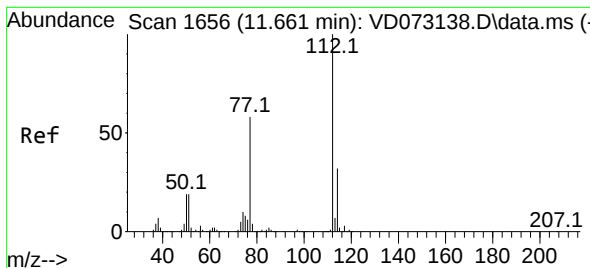
Tgt Ion:117 Resp: 486062
Ion Ratio Lower Upper
117 100
82 51.2 45.3 67.9
119 32.4 26.6 40.0



#64
Tetrachloroethene
Concen: 20.899 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion:164 Resp: 66533
Ion Ratio Lower Upper
164 100
166 124.0 98.5 147.7
129 91.5 74.6 111.8
131 87.5 72.0 108.0





#65

Chlorobenzene

Concen: 20.733 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

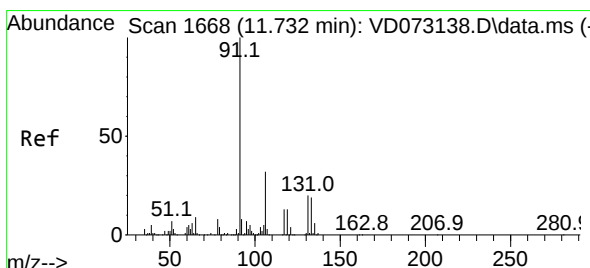
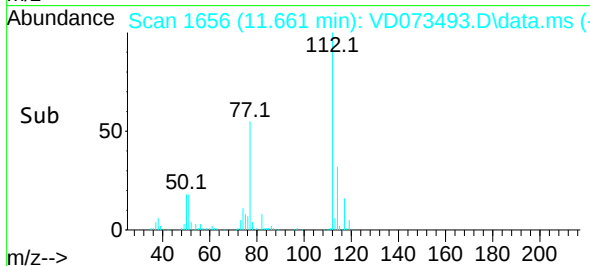
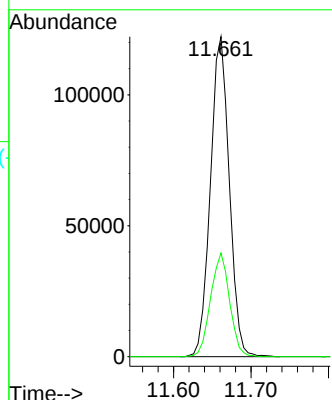
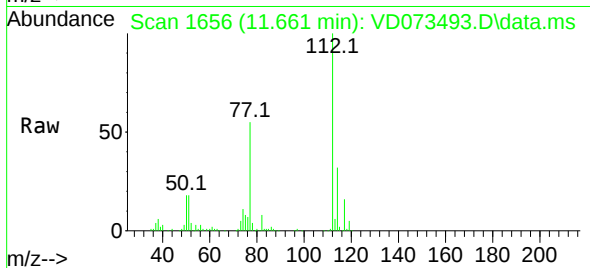
VD0607SBSD01

Tgt Ion:112 Resp: 206740

Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.976 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

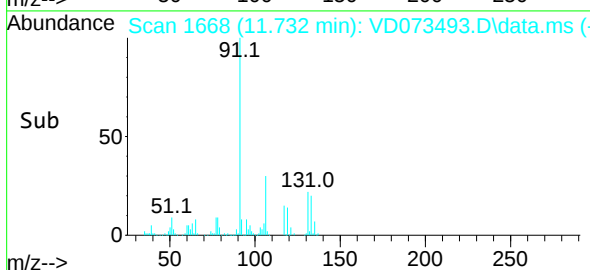
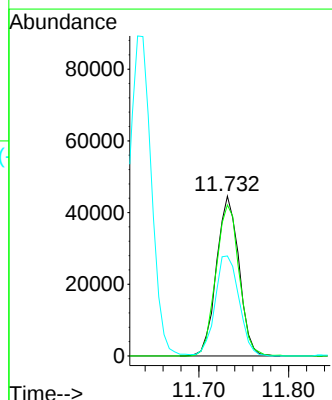
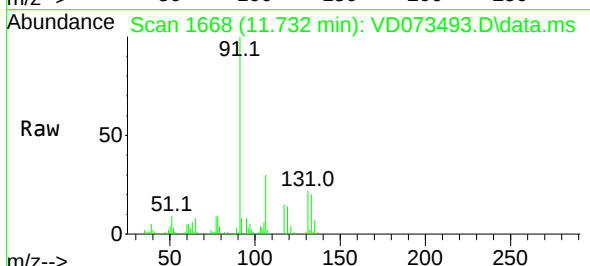
Tgt Ion:131 Resp: 77573

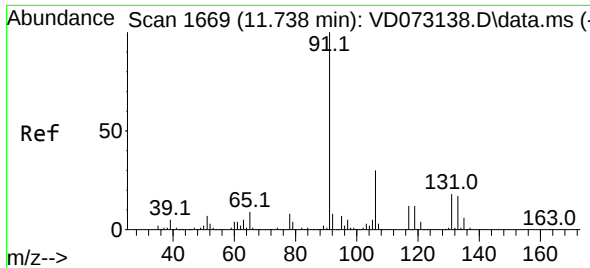
Ion Ratio Lower Upper

131 100

133 97.4 48.1 144.3

119 66.8 31.9 95.9

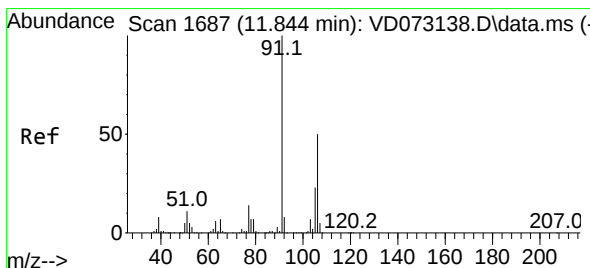
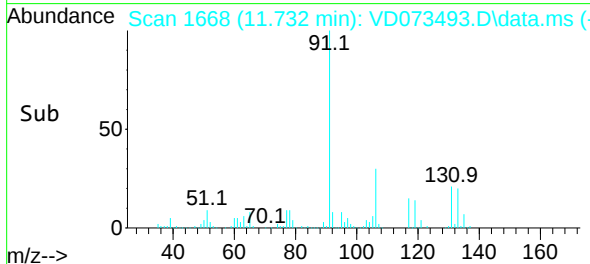
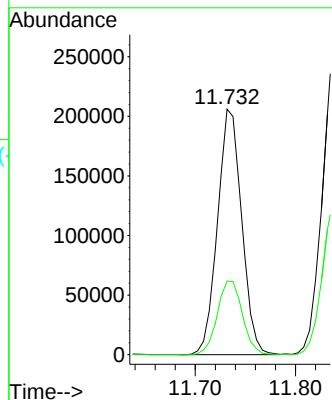
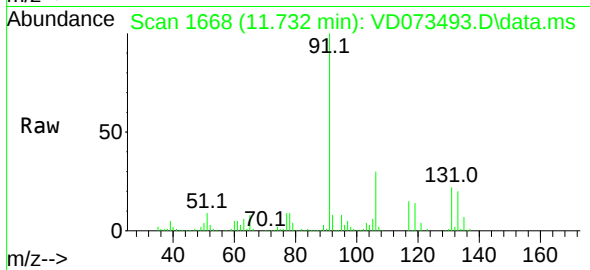




#67
Ethyl Benzene
Concen: 19.691 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

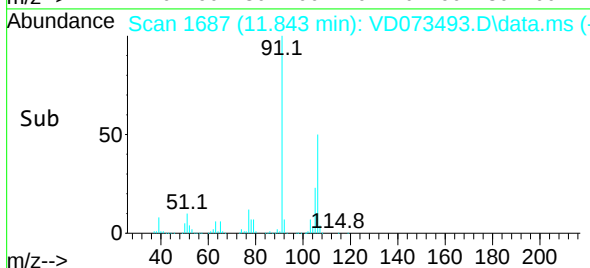
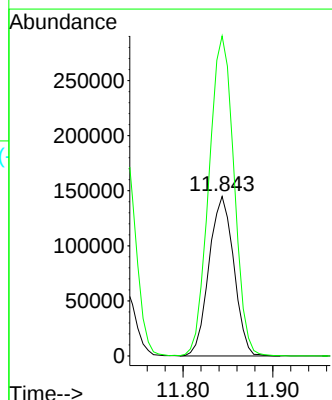
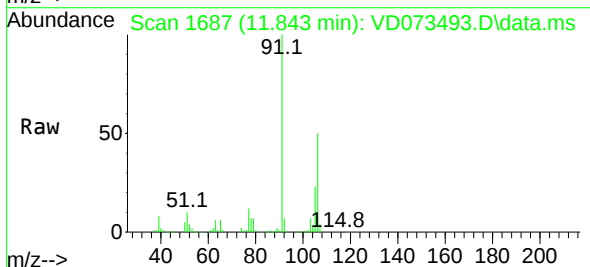
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

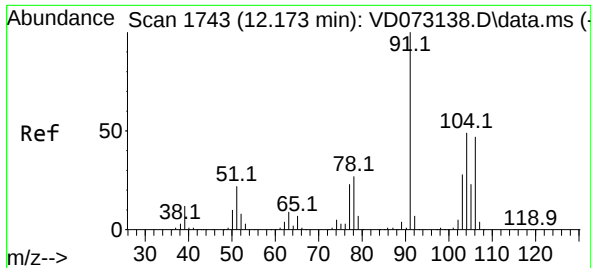
Tgt Ion: 91 Resp: 344687
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4



#68
m/p-Xylenes
Concen: 40.900 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion:106 Resp: 278151
Ion Ratio Lower Upper
106 100
91 202.8 163.7 245.5

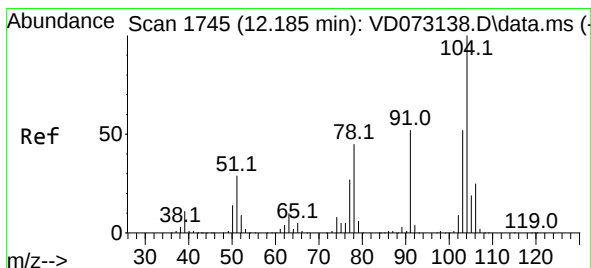
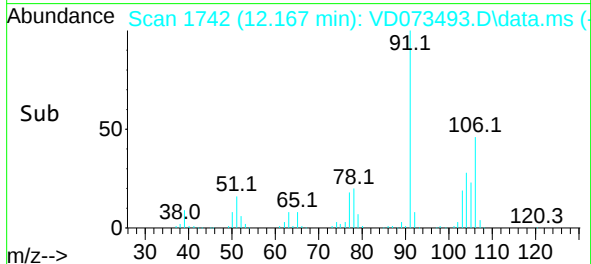
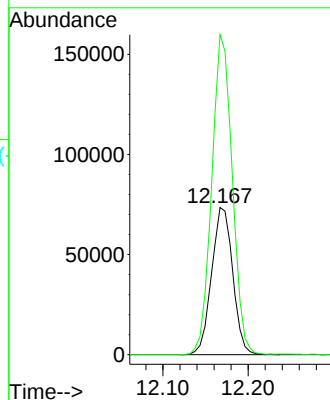
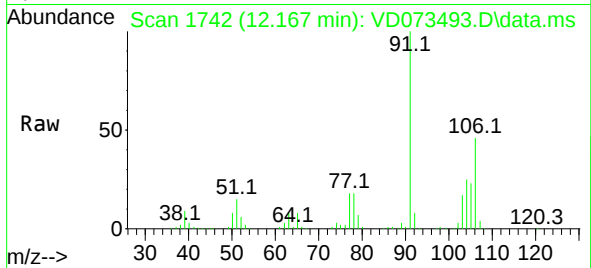




#69
o-Xylene
Concen: 20.299 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

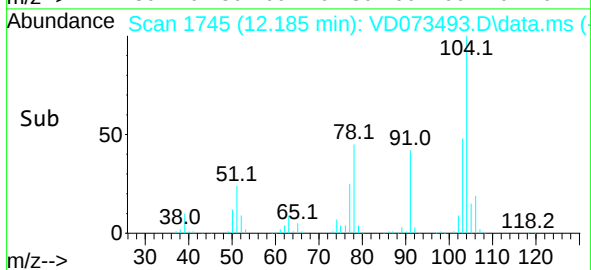
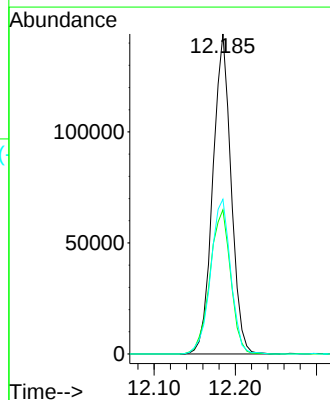
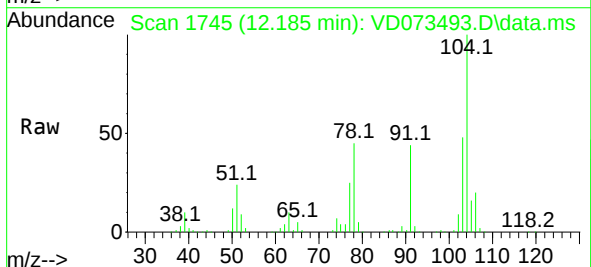
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

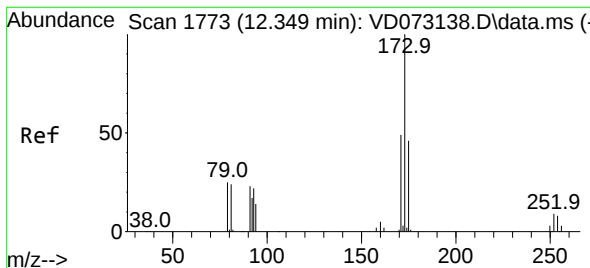
Tgt Ion:106 Resp: 126816
Ion Ratio Lower Upper
106 100
91 211.5 110.4 331.2



#70
Styrene
Concen: 20.988 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion:104 Resp: 225595
Ion Ratio Lower Upper
104 100
78 50.9 41.8 62.8
103 52.9 44.2 66.4

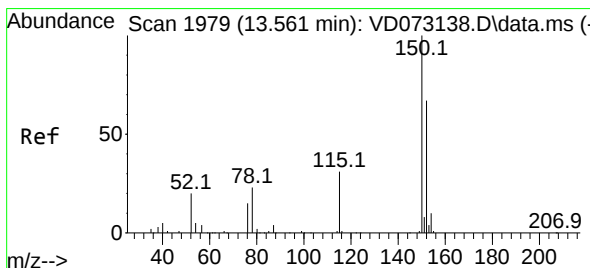
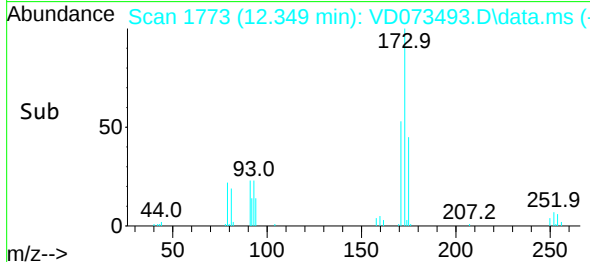
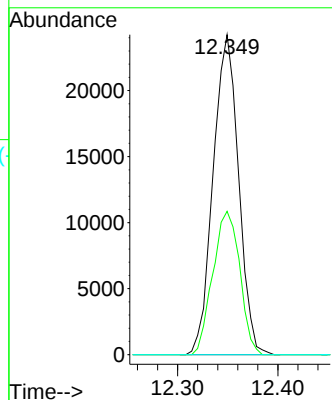
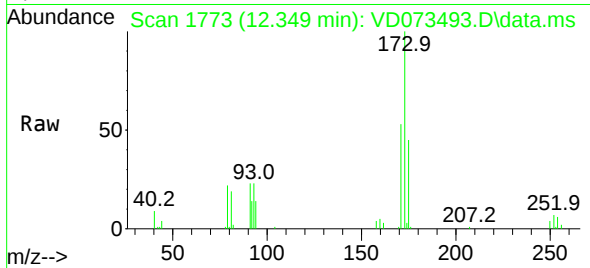




#71
Bromoform
Concen: 22.376 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

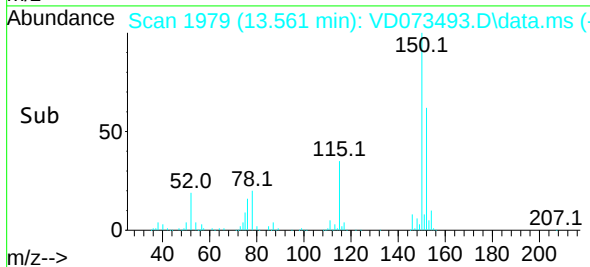
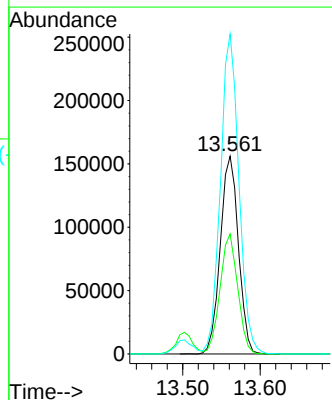
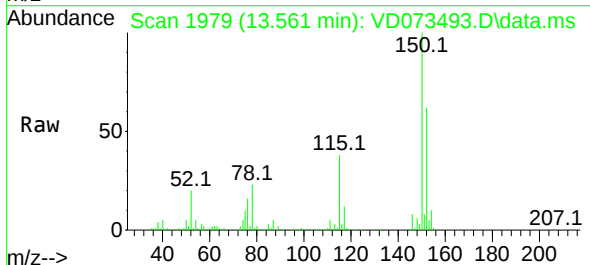
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

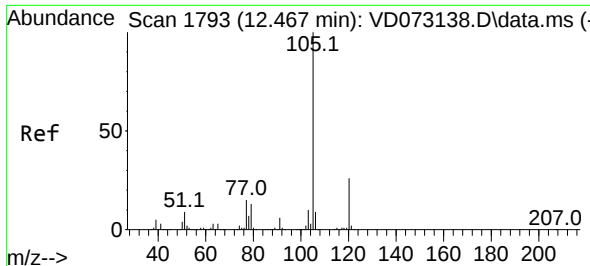
Tgt Ion:173 Resp: 42589
Ion Ratio Lower Upper
173 100
175 47.5 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion:152 Resp: 253525
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 164.5 0.0 348.6

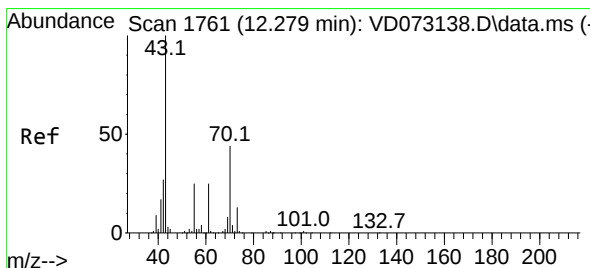
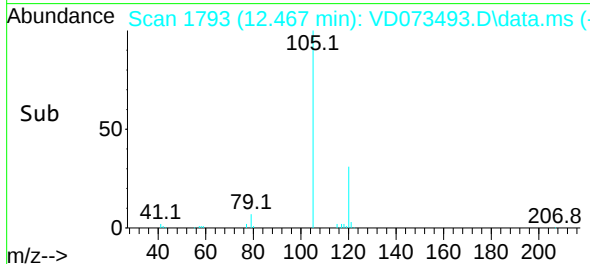
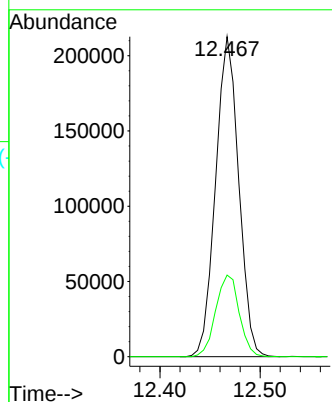
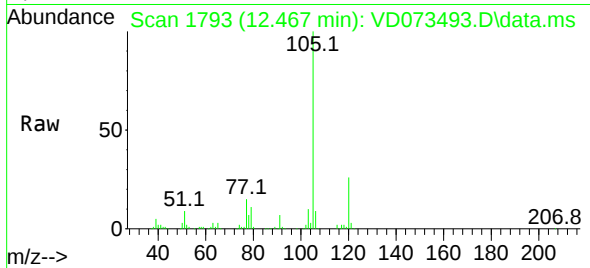




#73
Isopropylbenzene
Concen: 18.819 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

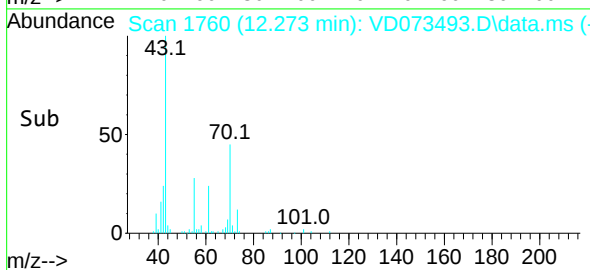
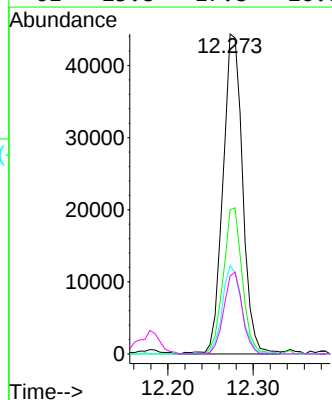
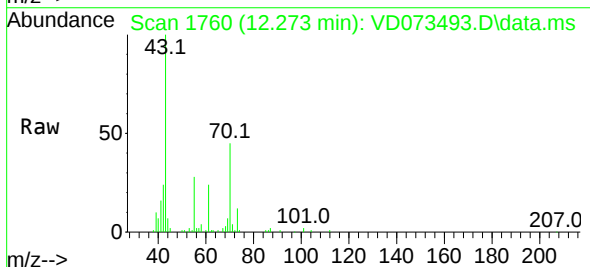
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

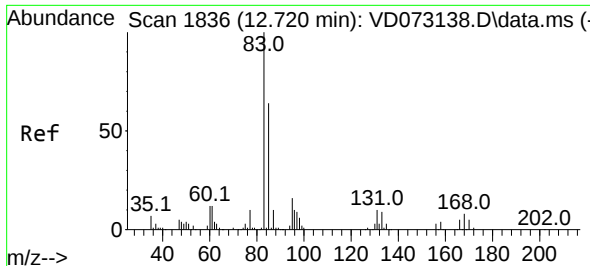
Tgt Ion:105 Resp: 340127
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 18.081 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 43 Resp: 71289
Ion Ratio Lower Upper
43 100
70 44.0 31.3 46.9
55 27.0 20.0 30.0
61 23.8 17.8 26.8

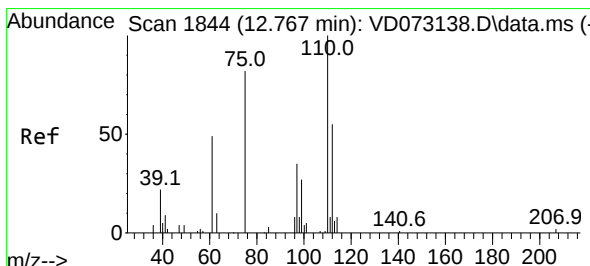
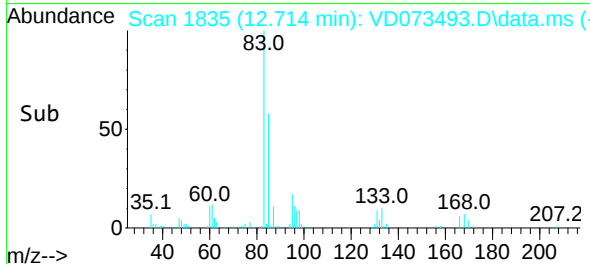
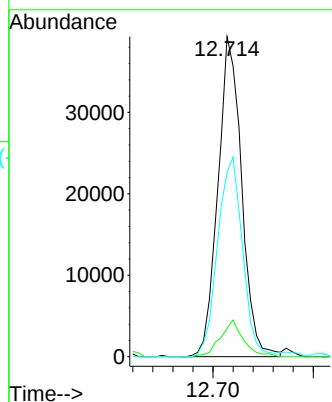
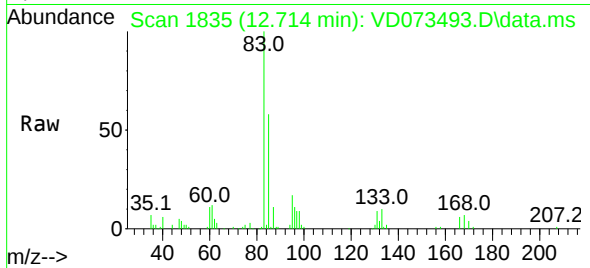




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.343 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

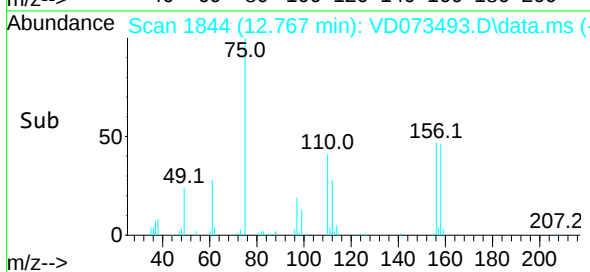
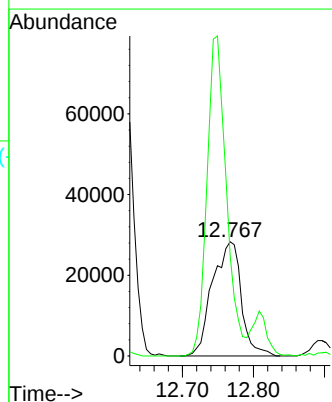
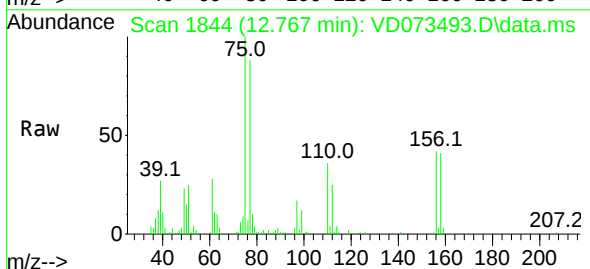
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBSD01

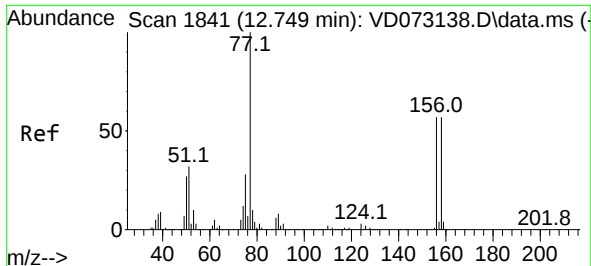
Tgt Ion: 83 Resp: 64478
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.0 14.9
 85 65.3 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 32.070 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

Tgt Ion: 75 Resp: 79774
 Ion Ratio Lower Upper
 75 100
 77 189.9 0.0 0.0#

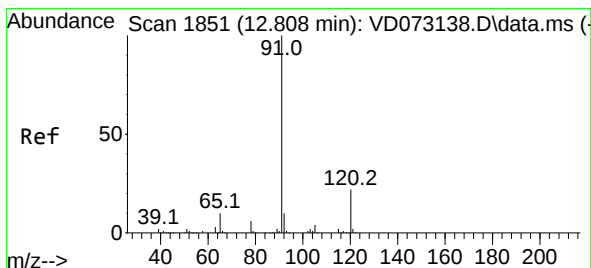
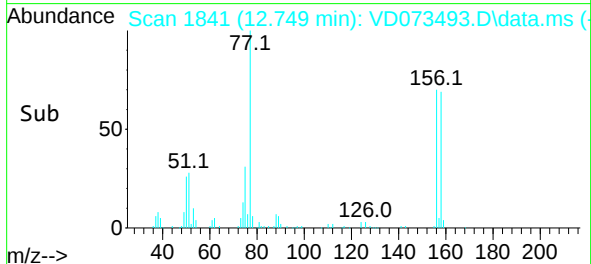
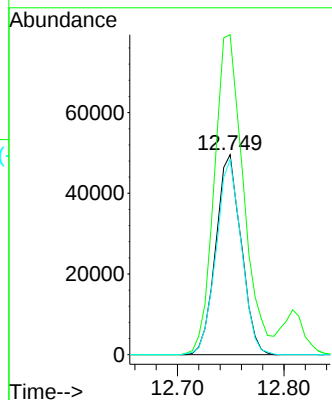
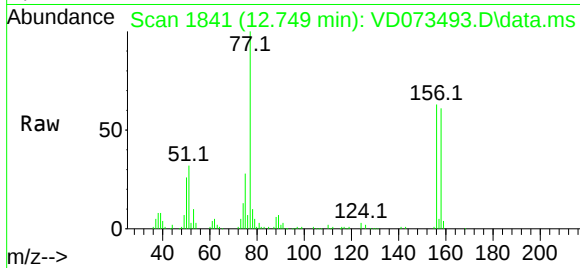




#77
Bromobenzene
Concen: 19.304 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

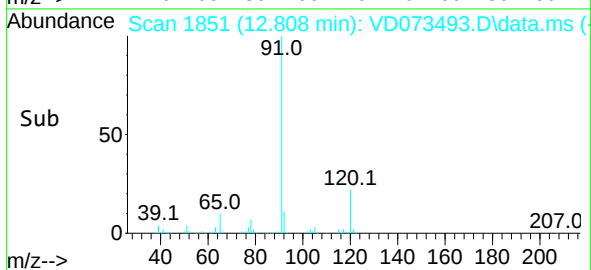
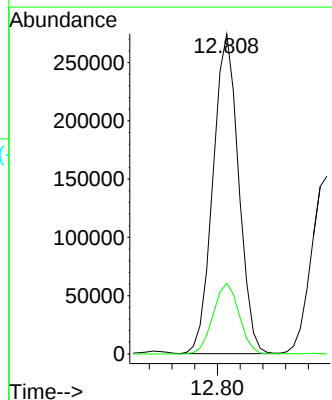
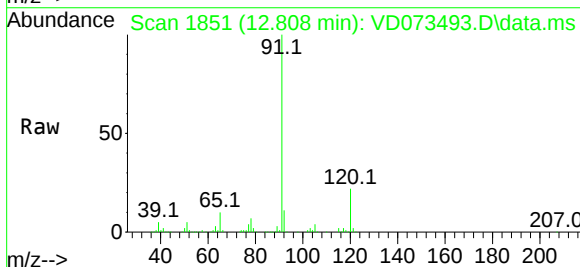
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

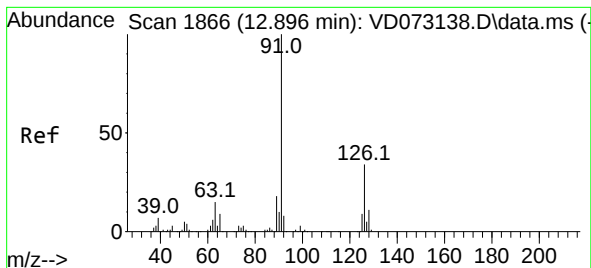
Tgt Ion:156 Resp: 82130
Ion Ratio Lower Upper
156 100
77 184.4 102.8 308.3
158 96.9 48.7 146.1



#78
n-propylbenzene
Concen: 18.929 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 91 Resp: 429504
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.030 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

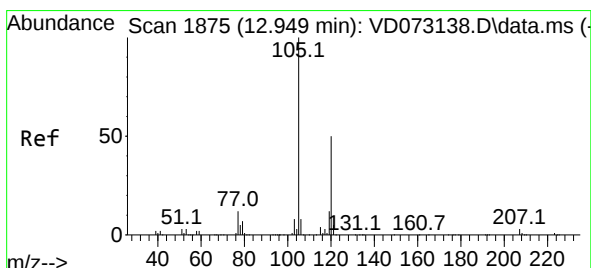
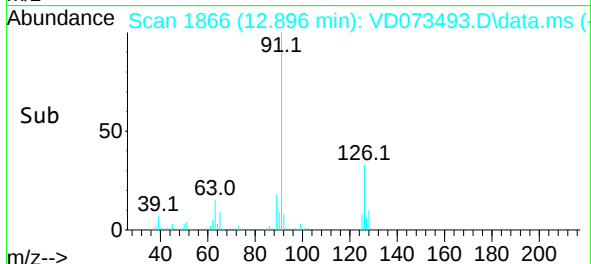
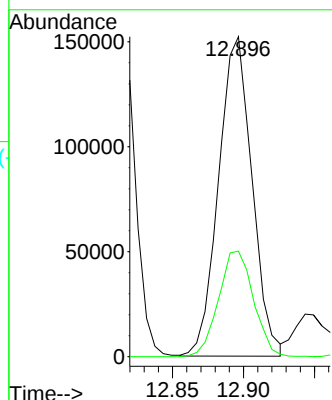
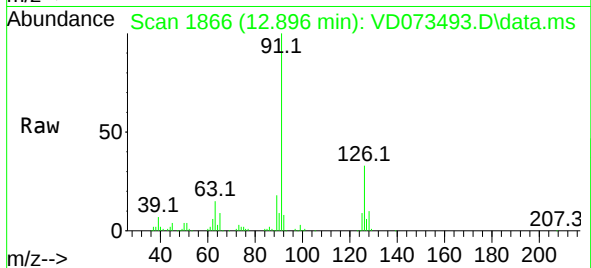
VD0607SBSD01

Tgt Ion: 91 Resp: 249308

Ion Ratio Lower Upper

91 100

126 34.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.575 ug/l

RT: 12.943 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VD073493.D

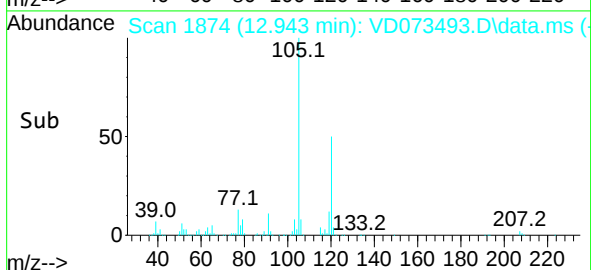
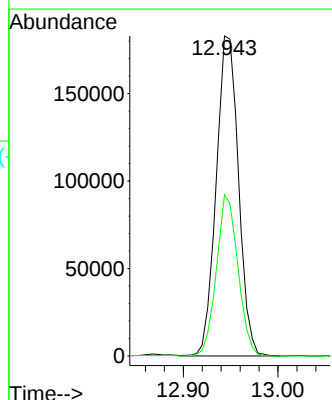
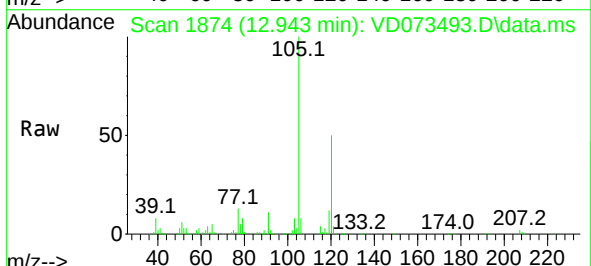
Acq: 07 Jun 2022 11:30

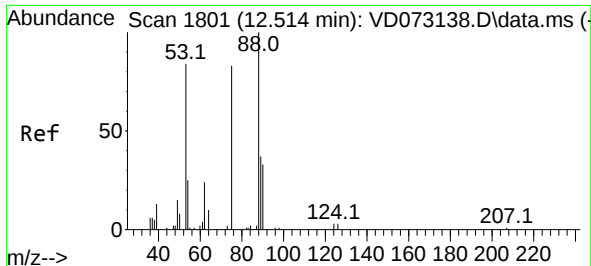
Tgt Ion: 105 Resp: 299701

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

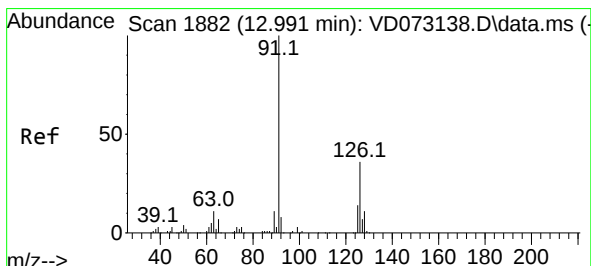
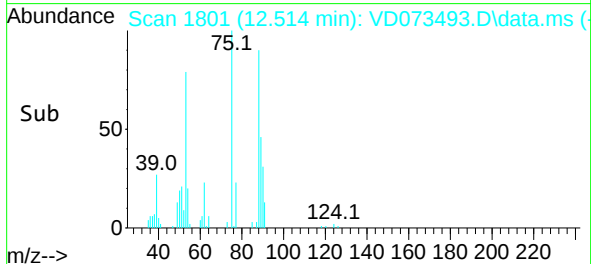
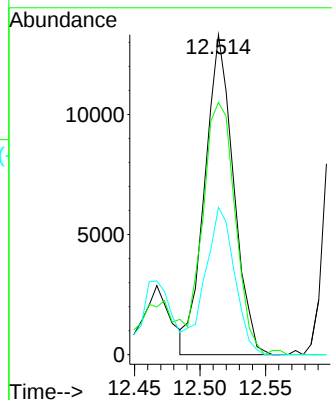
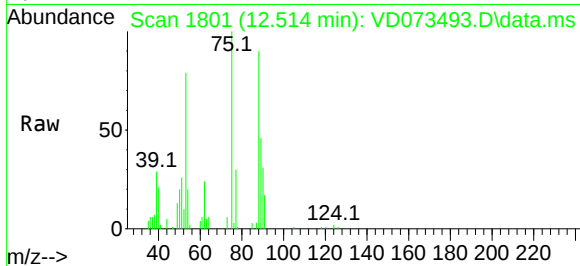




#81
trans-1,4-Dichloro-2-butene
Concen: 19.666 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

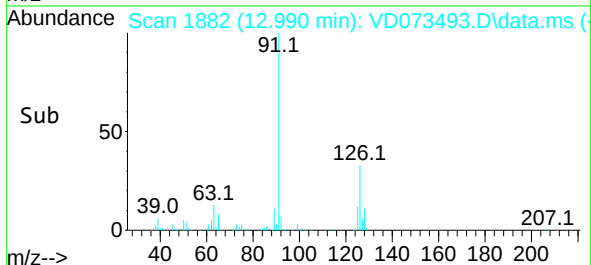
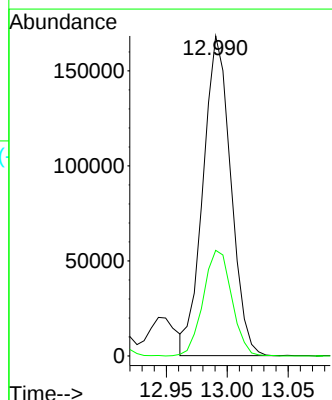
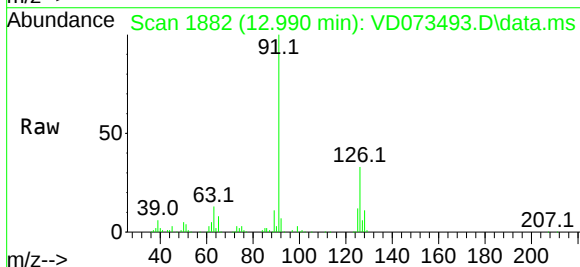
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

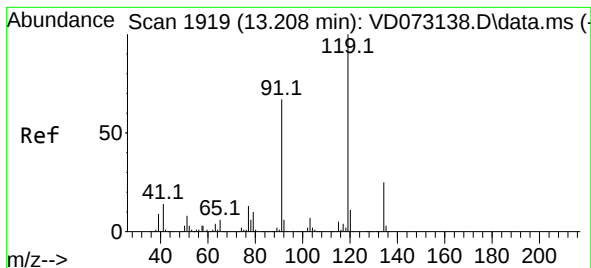
Tgt Ion: 75 Resp: 20377
Ion Ratio Lower Upper
75 100
53 87.6 86.5 129.7
89 47.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 19.360 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 91 Resp: 265852
Ion Ratio Lower Upper
91 100
126 34.0 16.5 49.5





#83

tert-Butylbenzene

Concen: 18.756 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBSD01

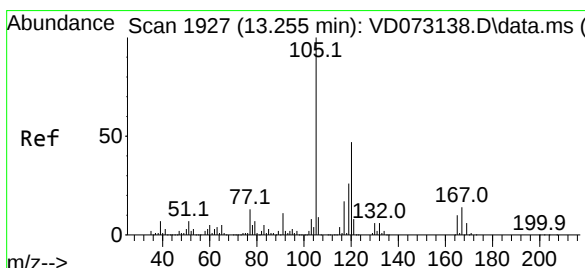
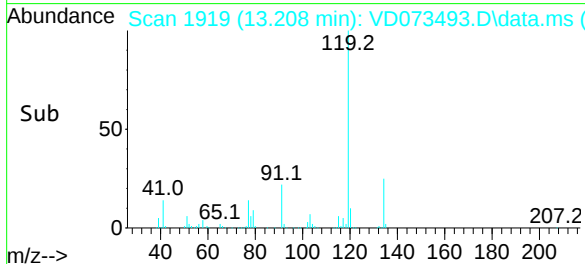
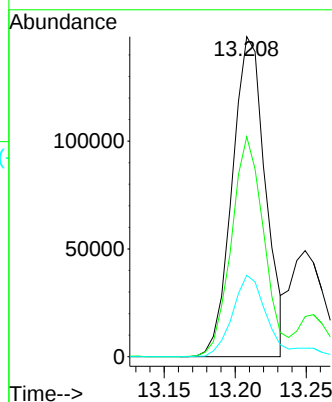
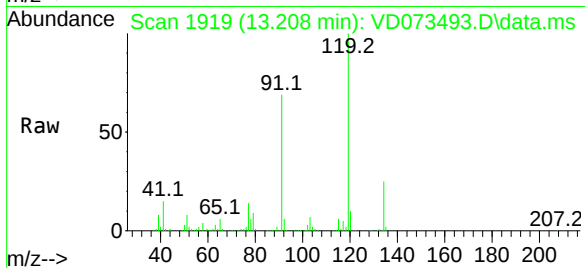
Tgt Ion:119 Resp: 242019

Ion Ratio Lower Upper

119 100

91 67.3 34.8 104.5

134 27.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.610 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073493.D

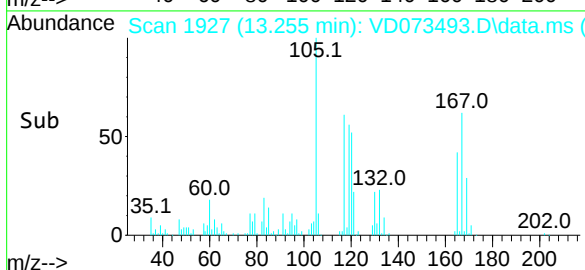
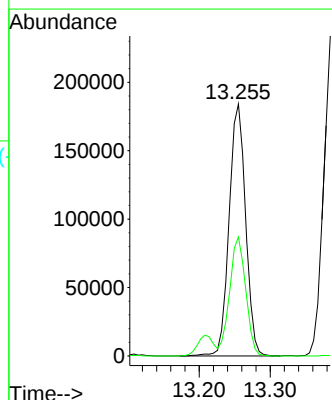
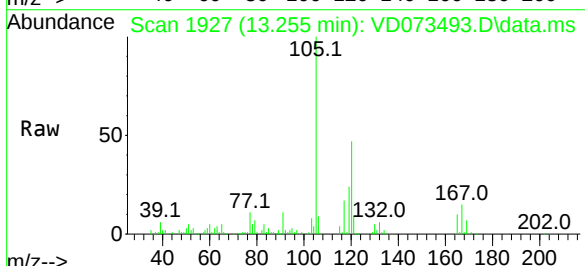
Acq: 07 Jun 2022 11:30

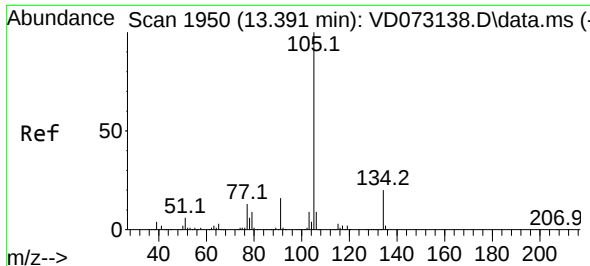
Tgt Ion:105 Resp: 296605

Ion Ratio Lower Upper

105 100

120 46.0 22.3 66.8

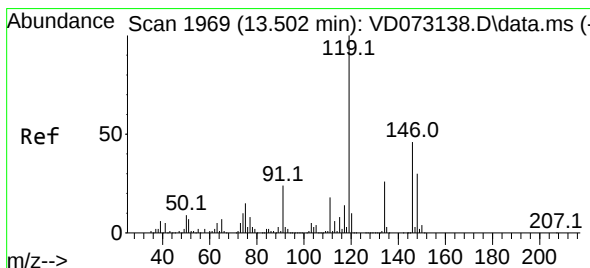
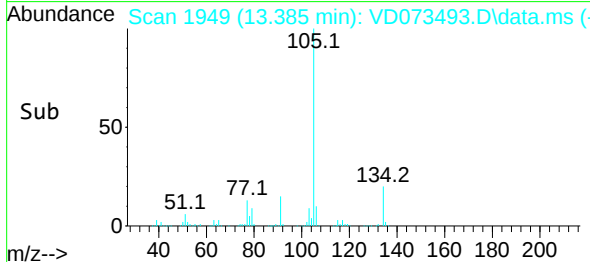
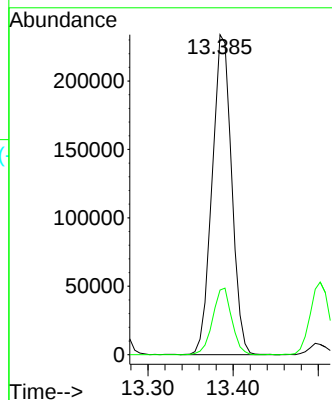
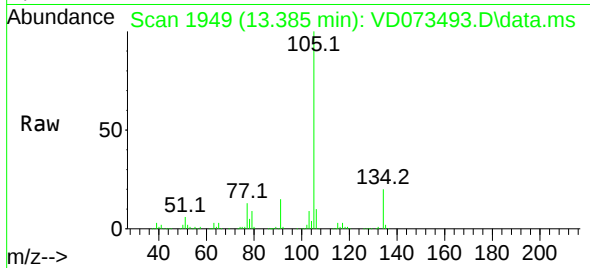




#85
 sec-Butylbenzene
 Concen: 18.930 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

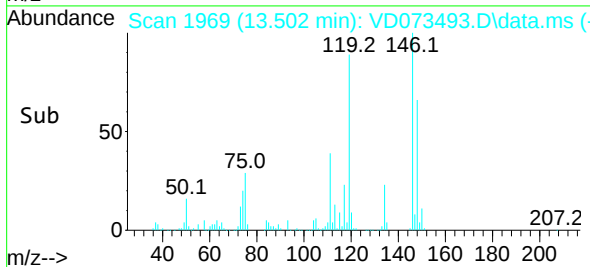
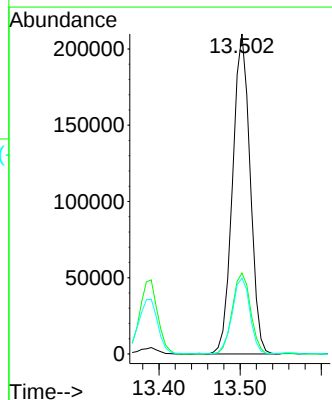
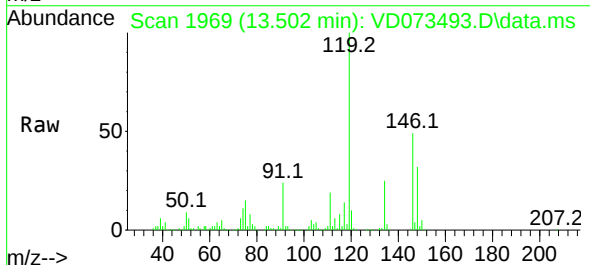
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBSD01

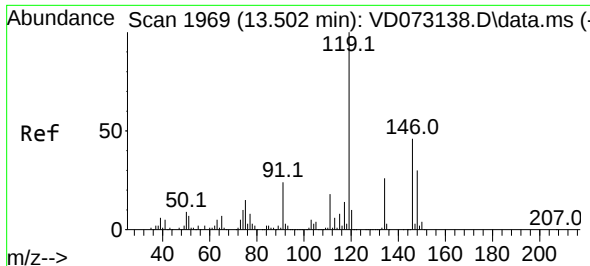
Tgt Ion:105 Resp: 372962
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.597 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

Tgt Ion:119 Resp: 314741
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.9 12.1 36.3

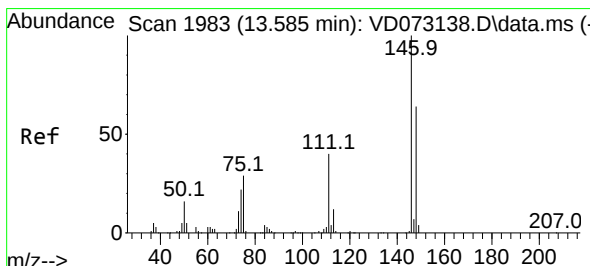
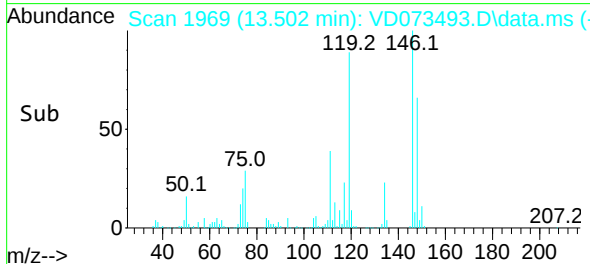
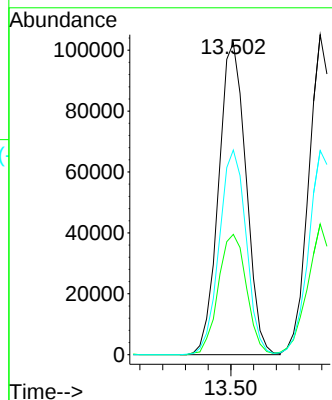
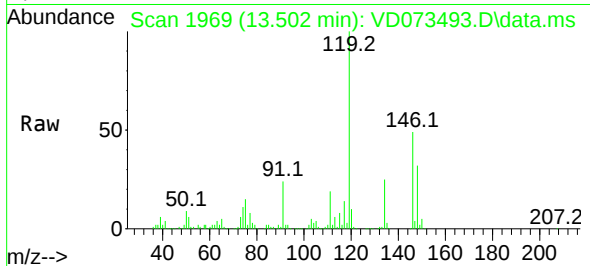




#87
 1,3-Dichlorobenzene
 Concen: 20.017 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

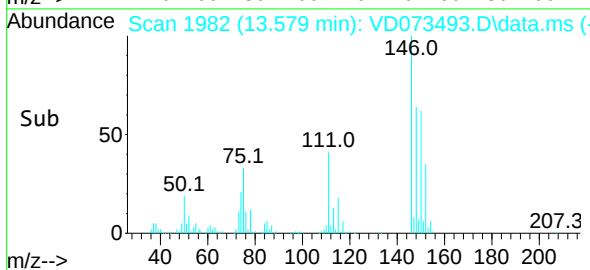
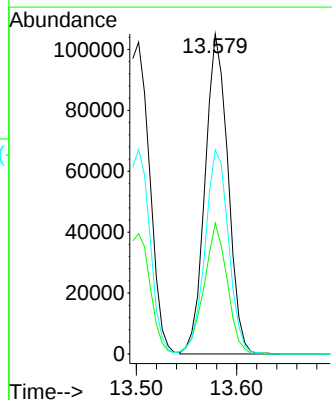
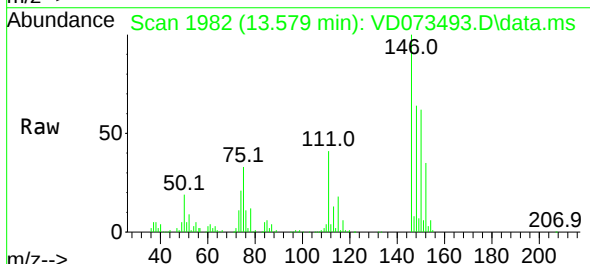
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBSD01

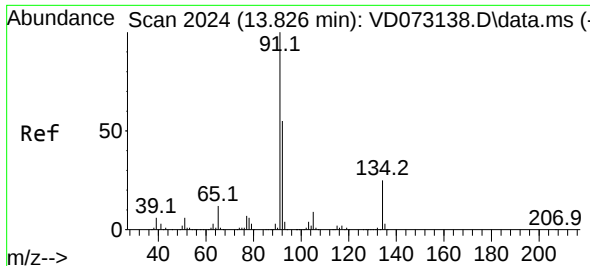
Tgt Ion:146 Resp: 171655
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.4 61.3
 148 64.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.314 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VD073493.D
 Acq: 07 Jun 2022 11:30

Tgt Ion:146 Resp: 167198
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.3 60.9
 148 65.7 31.7 95.1

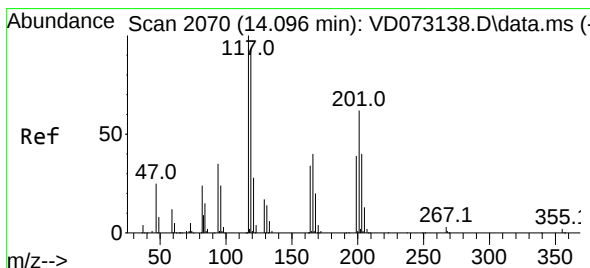
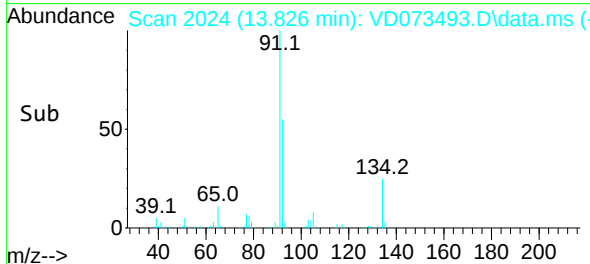
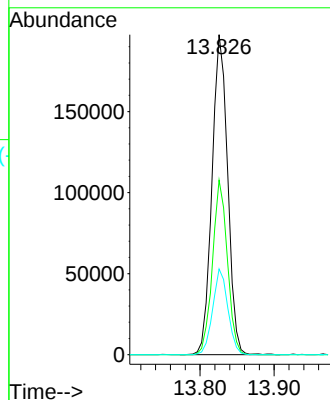
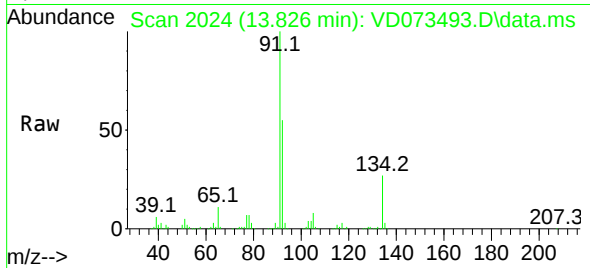




#89
n-Butylbenzene
Concen: 18.936 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

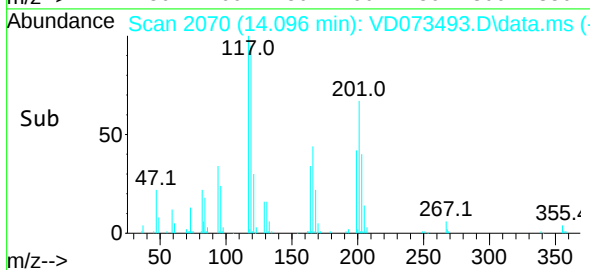
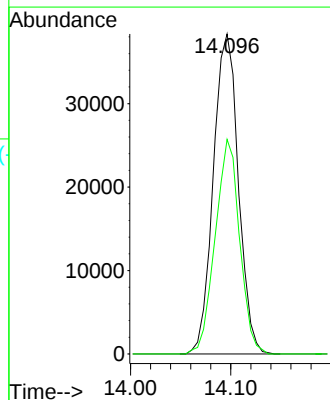
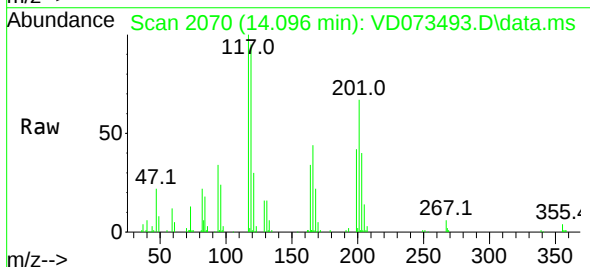
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

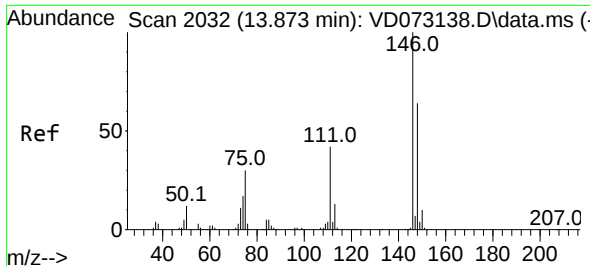
Tgt Ion: 91 Resp: 289766
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.8
134 25.9 12.3 36.9



#90
Hexachloroethane
Concen: 19.970 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 117 Resp: 66364
Ion Ratio Lower Upper
117 100
201 65.3 33.4 100.2

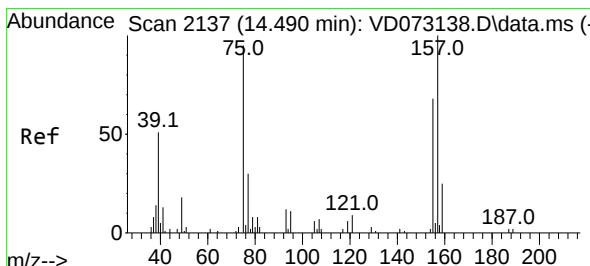
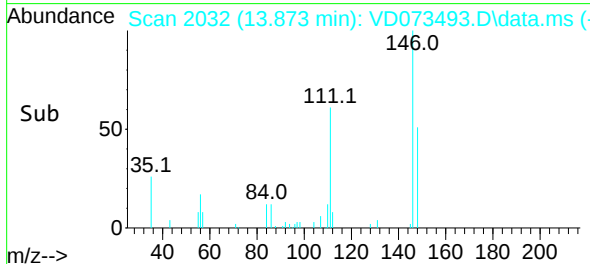
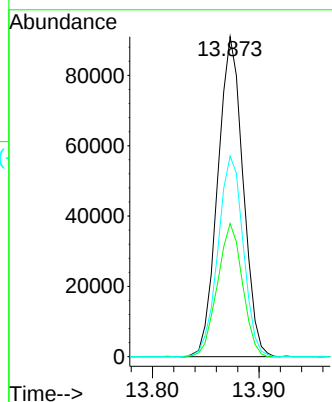
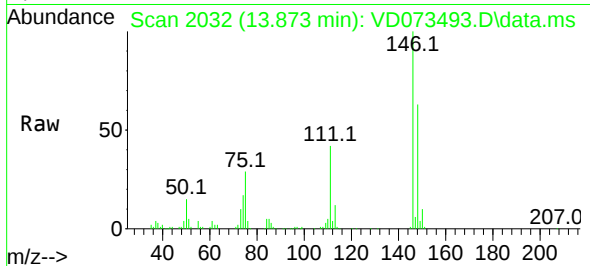




#91
1,2-Dichlorobenzene
Concen: 20.217 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

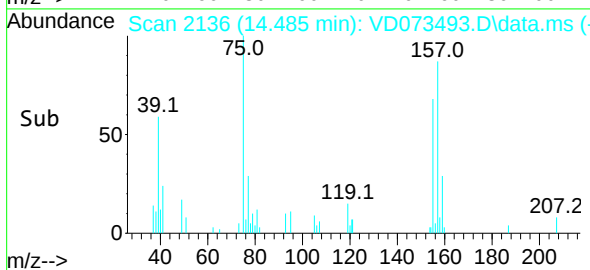
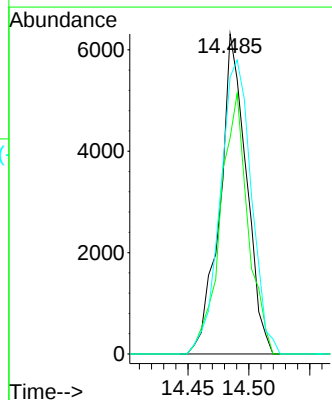
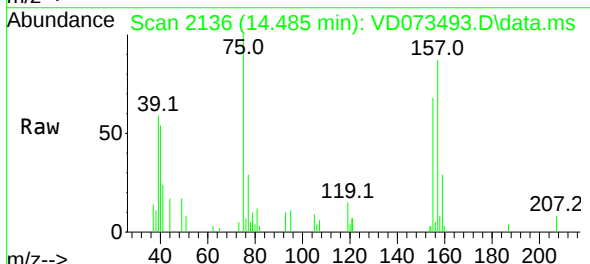
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MSVOA_D
ClientSampleId :
VD0607SBSD01

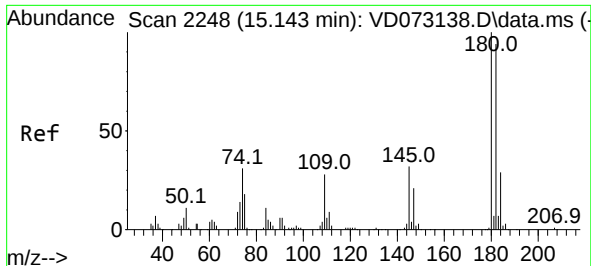
Tgt Ion:146 Resp: 150010
Ion Ratio Lower Upper
146 100
111 41.0 21.1 63.3
148 62.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.675 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073493.D
Acq: 07 Jun 2022 11:30

Tgt Ion: 75 Resp: 9533
Ion Ratio Lower Upper
75 100
155 85.0 36.8 110.3
157 108.2 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 19.933 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBSD01

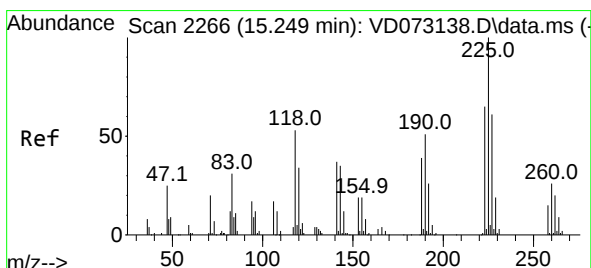
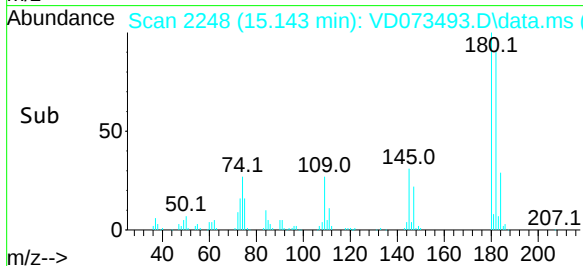
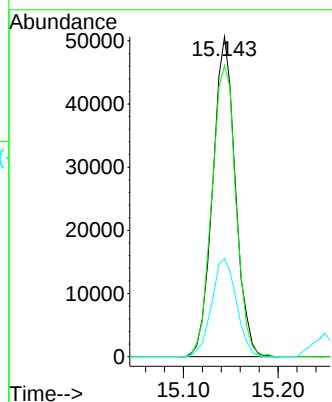
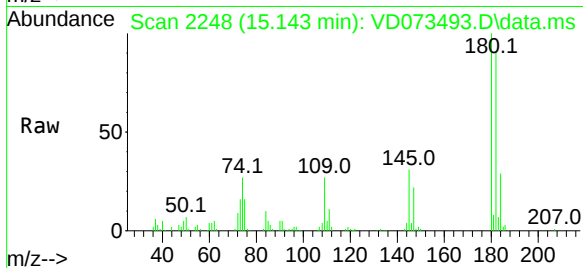
Tgt Ion:180 Resp: 83966

Ion Ratio Lower Upper

180 100

182 97.0 47.3 142.0

145 33.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 20.043 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

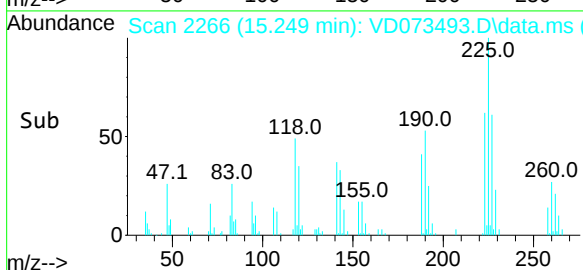
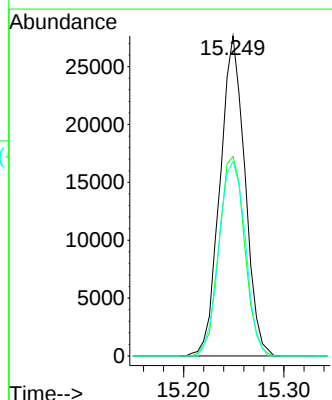
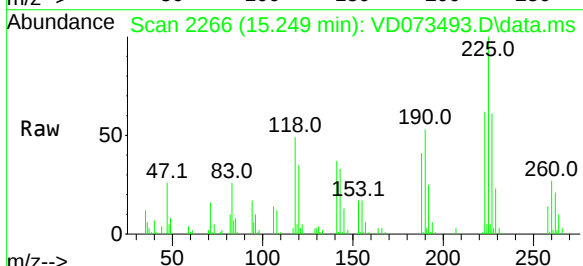
Tgt Ion:225 Resp: 47577

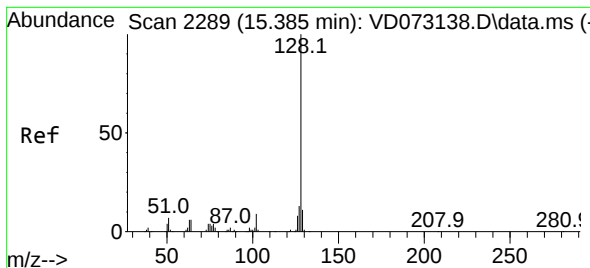
Ion Ratio Lower Upper

225 100

223 64.3 31.1 93.2

227 64.2 32.4 97.0





#95

Naphthalene

Concen: 19.623 ug/l

RT: 15.384 min Scan# 2289

Delta R.T. -0.001 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

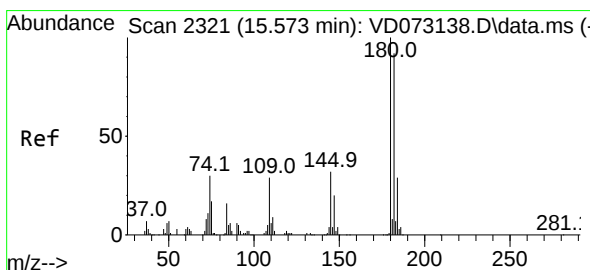
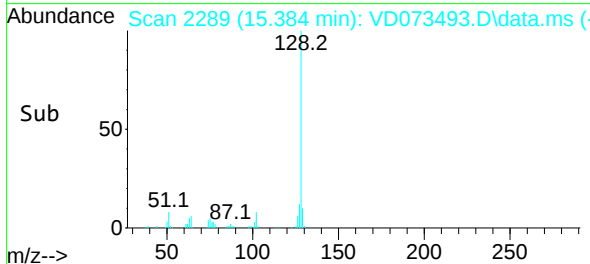
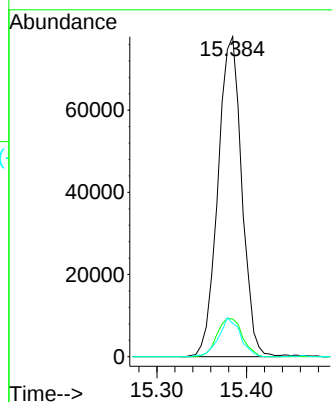
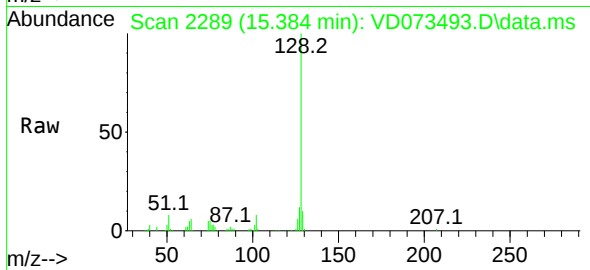
Tgt Ion:128 Resp: 143594

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.290 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073493.D

Acq: 07 Jun 2022 11:30

Tgt Ion:180 Resp: 75772

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 35.0 17.1 51.3

