

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073053.D
 Acq On : 17 May 2022 10:47
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: May 17 12:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 17 11:58:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	280042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	481642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	475281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	35000	9.640	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.280%#		
35) Dibromofluoromethane	7.908	113	33130	9.773	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.540%#		
50) Toluene-d8	10.332	98	115610	9.469	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	18.940%#		
62) 4-Bromofluorobenzene	12.620	95	40941	9.062	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.120%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	38483	10.359	ug/l	95
3) Chloromethane	2.209	50	38987	9.964	ug/l	93
4) Vinyl Chloride	2.350	62	34070	9.731	ug/l	95
5) Bromomethane	2.762	94	25180	10.604	ug/l	88
6) Chloroethane	2.920	64	21697	9.875	ug/l	97
7) Trichlorofluoromethane	3.273	101	61637	9.958	ug/l	96
8) Diethyl Ether	3.709	74	16085	9.007	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	36270	9.873	ug/l	98
10) Methyl Iodide	4.291	142	30259	8.157	ug/l	98
11) Tert butyl alcohol	5.185	59	40716	125.738	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	31980	9.644	ug/l	87
13) Acrolein	3.920	56	15755	40.622	ug/l	97
14) Allyl chloride	4.709	41	47995	8.981	ug/l	93
15) Acrylonitrile	5.420	53	37840	44.435	ug/l	99
16) Acetone	4.150	43	33480	50.564	ug/l	97
17) Carbon Disulfide	4.409	76	109498	10.399	ug/l	99
18) Methyl Acetate	4.714	43	17819	10.029	ug/l	94
19) Methyl tert-butyl Ether	5.485	73	70521	8.859	ug/l	95
20) Methylene Chloride	4.962	84	53781	8.059	ug/l #	83
21) trans-1,2-Dichloroethene	5.467	96	37456	9.778	ug/l	85
22) Diisopropyl ether	6.361	45	105555	8.974	ug/l #	94
23) Vinyl Acetate	6.303	43	279333	42.998	ug/l	96
24) 1,1-Dichloroethane	6.267	63	70046	9.861	ug/l	98
25) 2-Butanone	7.208	43	47561	46.114	ug/l	94
26) 2,2-Dichloropropane	7.197	77	57618	9.658	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	41683	9.506	ug/l	92
28) Bromochloromethane	7.544	49	21923	8.439	ug/l #	78
29) Tetrahydrofuran	7.555	42	29305	43.976	ug/l	95
30) Chloroform	7.703	83	76162	10.106	ug/l	90
31) Cyclohexane	7.979	56	61564	9.881	ug/l #	76
32) 1,1,1-Trichloroethane	7.903	97	62610	9.779	ug/l	94
36) 1,1-Dichloropropene	8.103	75	54522	10.110	ug/l	97
37) Ethyl Acetate	7.291	43	23466	9.511	ug/l	97
38) Carbon Tetrachloride	8.097	117	55944	9.968	ug/l	89
39) Methylcyclohexane	9.350	83	56669	9.018	ug/l	90
40) Benzene	8.350	78	155533	9.911	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	13417	9.267	ug/l #	82
42) 1,2-Dichloroethane	8.420	62	46146	9.784	ug/l	98
43) Isopropyl Acetate	8.444	43	41045	9.012	ug/l #	93
44) Trichloroethene	9.102	130	42195	10.088	ug/l	92
45) 1,2-Dichloropropane	9.379	63	41162	10.022	ug/l	99
46) Dibromomethane	9.467	93	23497	10.344	ug/l	98
47) Bromodichloromethane	9.655	83	55914	9.600	ug/l	96
48) Methyl methacrylate	9.450	41	18425	8.229	ug/l #	86
49) 1,4-Dioxane	9.461	88	4635	180.912	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	107250	45.140	ug/l	99
52) Toluene	10.397	92	93544	9.563	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	50236	9.400	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	60118	9.643	ug/l	88
55) 1,1,2-Trichloroethane	10.791	97	30265	9.849	ug/l	96
56) Ethyl methacrylate	10.649	69	30176	8.404	ug/l	89
57) 1,3-Dichloropropane	10.938	76	52533	9.944	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	61214	35.411	ug/l	98
59) 2-Hexanone	10.973	43	67545	42.757	ug/l	99
60) Dibromochloromethane	11.132	129	37235	9.621	ug/l	96
61) 1,2-Dibromoethane	11.244	107	28336	9.516	ug/l	95
64) Tetrachloroethene	10.867	164	34545	10.025	ug/l	97
65) Chlorobenzene	11.661	112	106312	9.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	40630	9.964	ug/l	100
67) Ethyl Benzene	11.738	91	175224	9.306	ug/l	97
68) m/p-Xylenes	11.844	106	135400	18.717	ug/l	98
69) o-Xylene	12.173	106	60200	8.909	ug/l	98
70) Styrene	12.185	104	106883	9.094	ug/l	96
71) Bromoform	12.349	173	21359	9.616	ug/l #	97
73) Isopropylbenzene	12.467	105	159609	8.775	ug/l	99
74) N-amyl acetate	12.279	43	36767	8.149	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	35212	9.529	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	42534	16.327	ug/l #	100
77) Bromobenzene	12.749	156	40608	9.352	ug/l	94
78) n-propylbenzene	12.808	91	203064	8.863	ug/l	99
79) 2-Chlorotoluene	12.896	91	119807	8.921	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	139220	9.035	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	10197	8.969	ug/l	86
82) 4-Chlorotoluene	12.991	91	131195	9.356	ug/l	99
83) tert-Butylbenzene	13.214	119	115425	8.815	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	138849	8.993	ug/l	100
85) sec-Butylbenzene	13.390	105	178537	9.045	ug/l	98
86) p-Isopropyltoluene	13.502	119	142043	8.766	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	86739	9.875	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	88331	10.123	ug/l	98
89) n-Butylbenzene	13.832	91	136649	8.714	ug/l	99
90) Hexachloroethane	14.090	117	32124	9.654	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	74167	9.724	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	5739	9.860	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	38348	8.548	ug/l	97
94) Hexachlorobutadiene	15.249	225	24587	10.011	ug/l	94
95) Naphthalene	15.384	128	65032	7.894	ug/l	97
96) 1,2,3-Trichlorobenzene	15.573	180	35856	9.023	ug/l	97

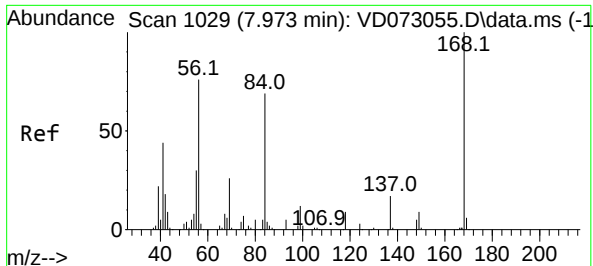
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue May 17 11:58:55 2022
Response via : Initial Calibration

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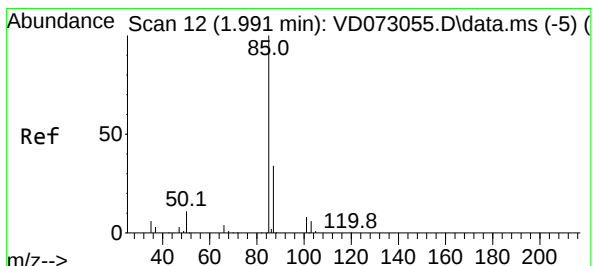
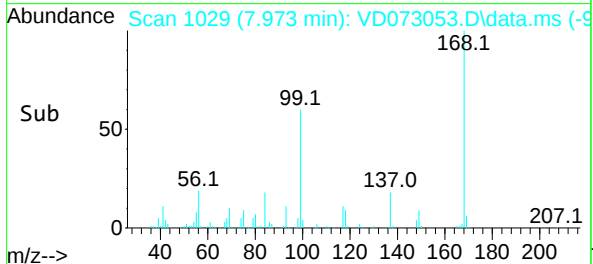
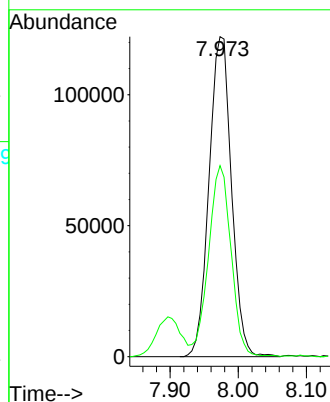
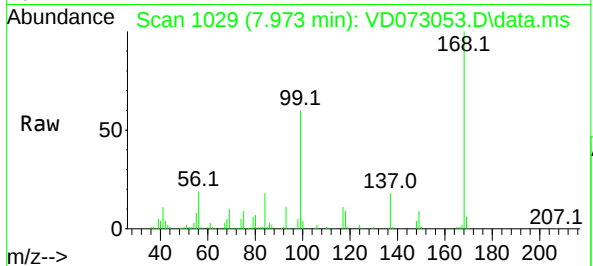
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

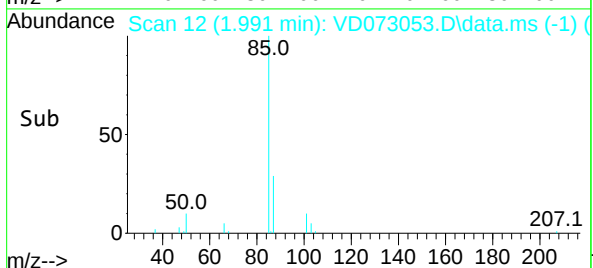
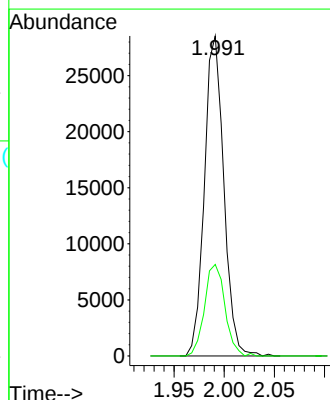
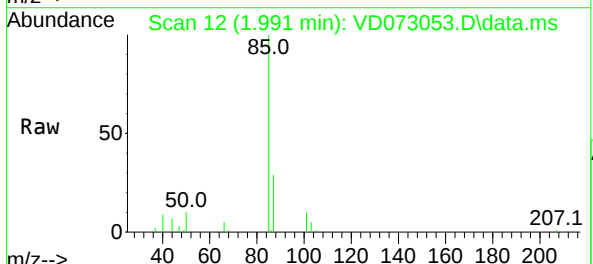
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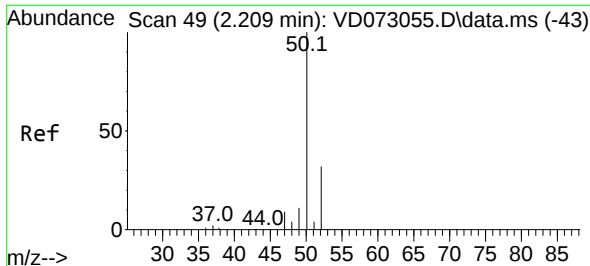
Tgt Ion:168 Resp: 280042
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 10.359 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 85 Resp: 38483
Ion Ratio Lower Upper
85 100
87 28.6 15.7 47.0

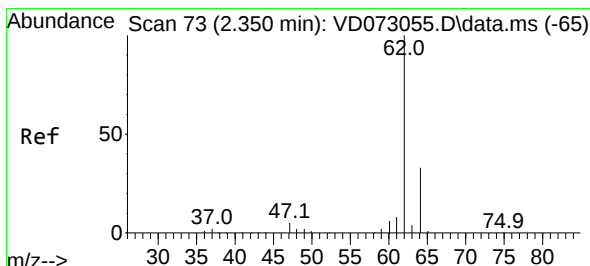
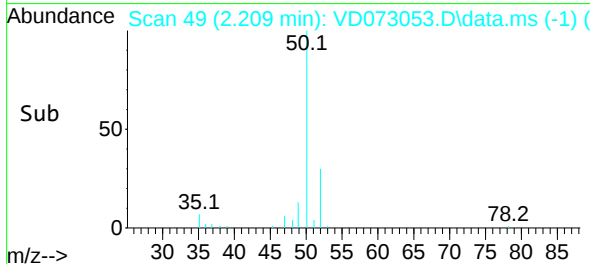
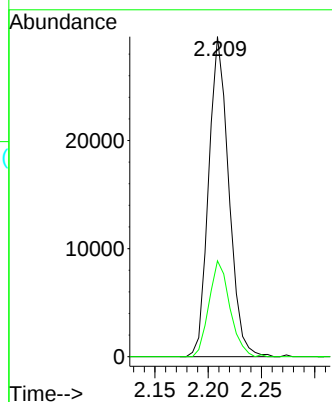
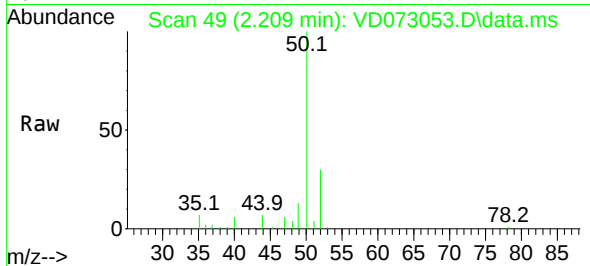




#3
Chloromethane
Concen: 9.964 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

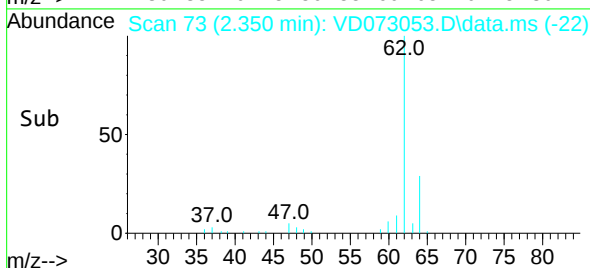
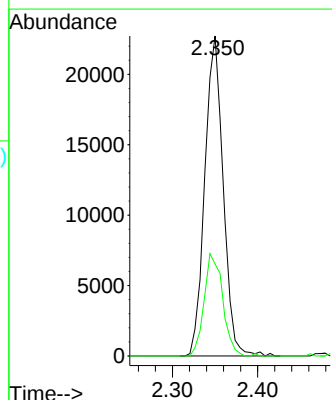
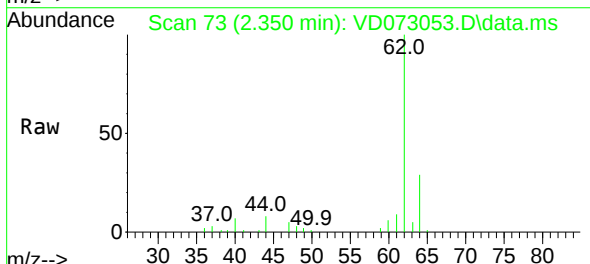
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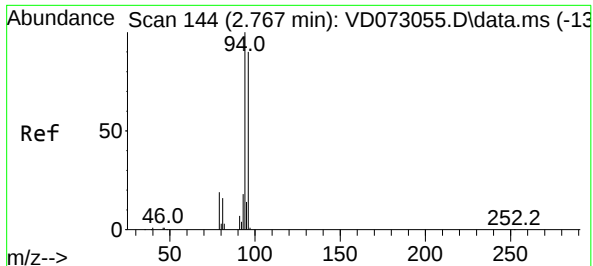
Tgt Ion: 50 Resp: 38987
Ion Ratio Lower Upper
50 100
52 30.0 27.4 41.0



#4
Vinyl Chloride
Concen: 9.731 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 62 Resp: 34070
Ion Ratio Lower Upper
62 100
64 28.7 25.4 38.0

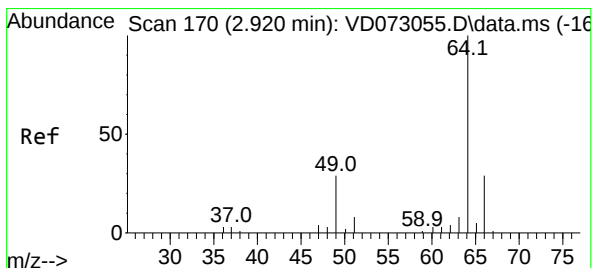
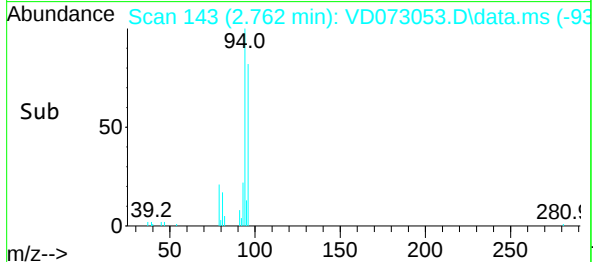
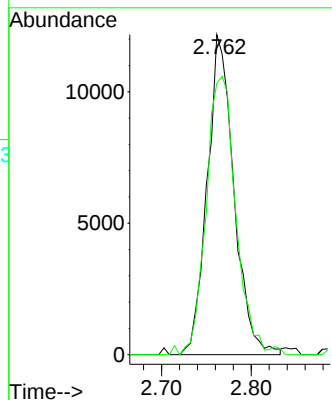
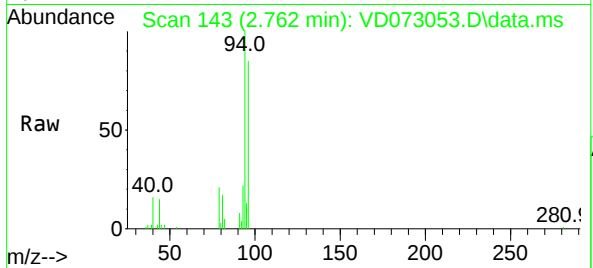




#5
Bromomethane
Concen: 10.604 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

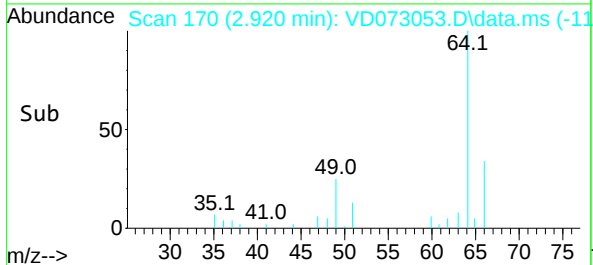
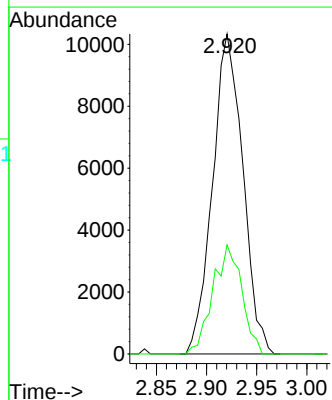
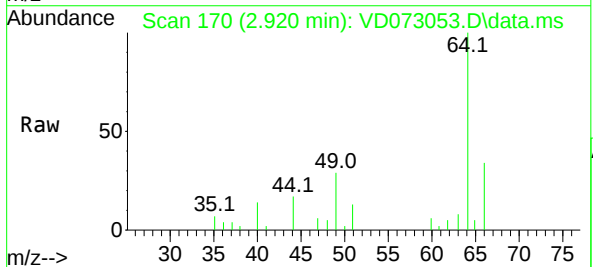
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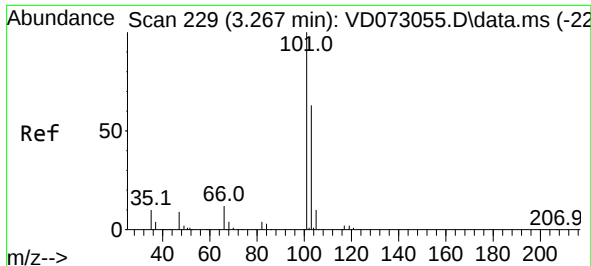
Tgt Ion: 94 Resp: 25180
Ion Ratio Lower Upper
94 100
96 84.8 77.6 116.4



#6
Chloroethane
Concen: 9.875 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 64 Resp: 21697
Ion Ratio Lower Upper
64 100
66 34.1 25.9 38.9

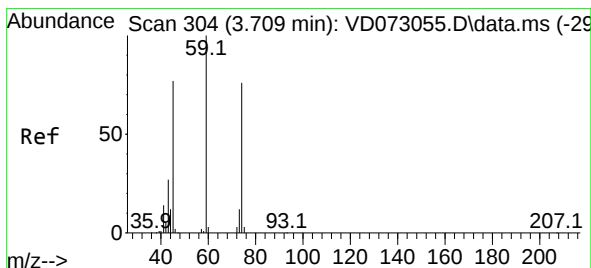
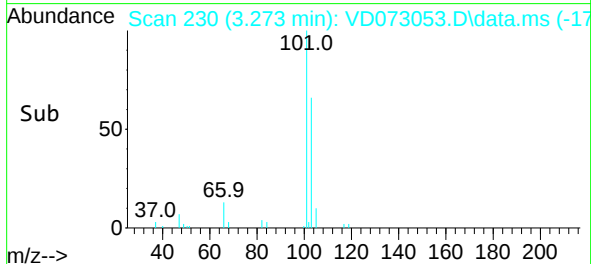
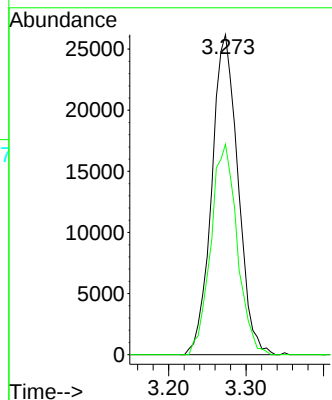
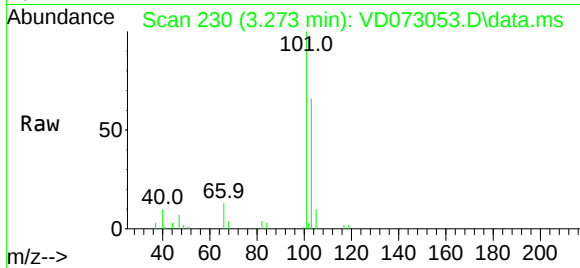




#7
 Trichlorofluoromethane
 Concen: 9.958 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

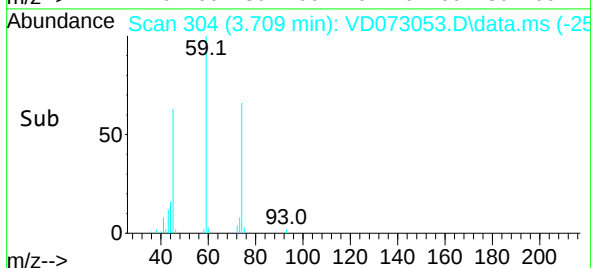
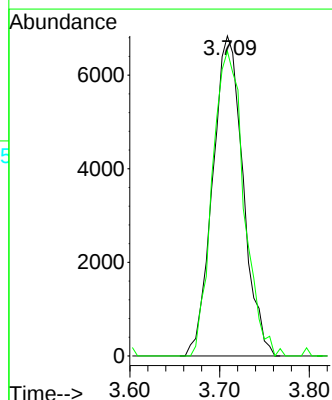
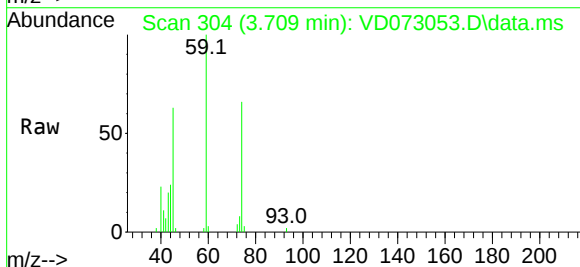
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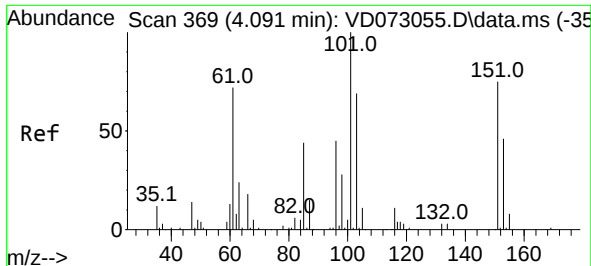
Tgt Ion:101 Resp: 61637
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 9.007 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

Tgt Ion: 74 Resp: 16085
 Ion Ratio Lower Upper
 74 100
 45 99.1 52.6 157.8

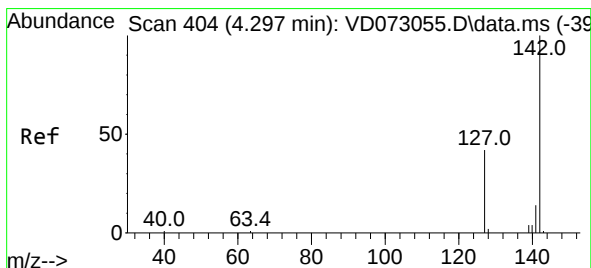
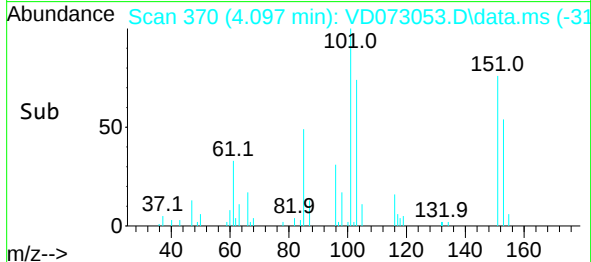
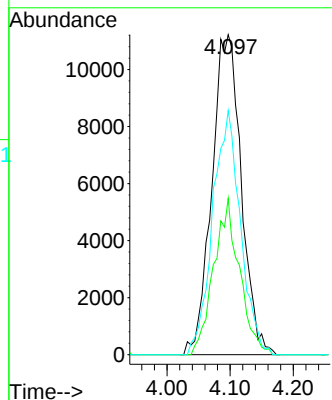
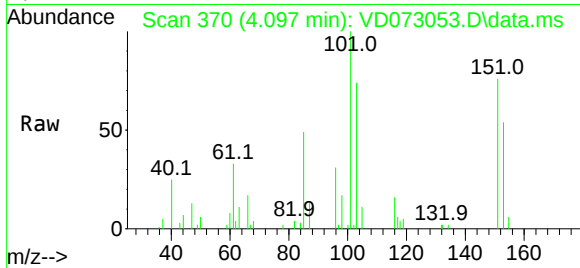




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.873 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

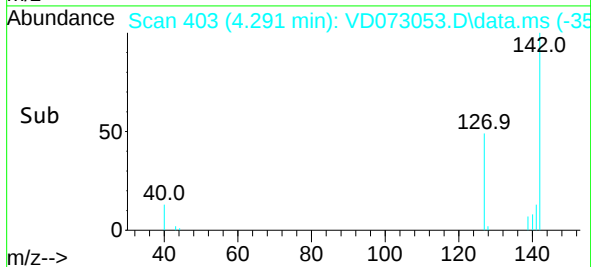
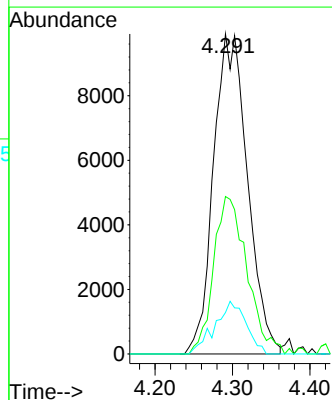
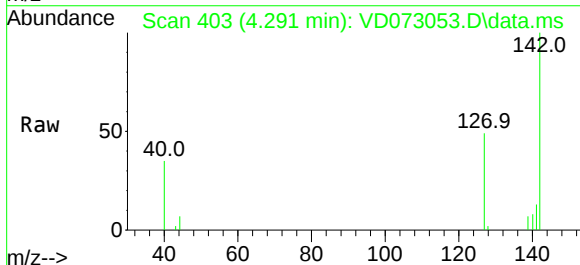
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

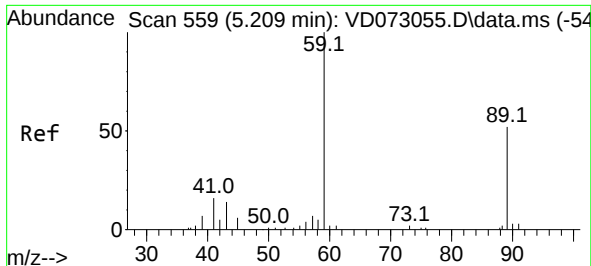
Tgt Ion:101 Resp: 36270
Ion Ratio Lower Upper
101 100
85 42.7 36.4 54.6
151 72.3 57.3 85.9



#10
Methyl Iodide
Concen: 8.157 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion:142 Resp: 30259
Ion Ratio Lower Upper
142 100
127 48.5 37.3 55.9
141 15.1 11.7 17.5

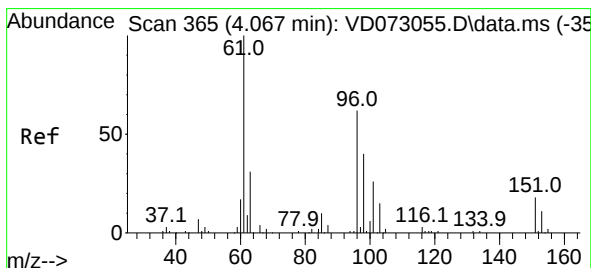
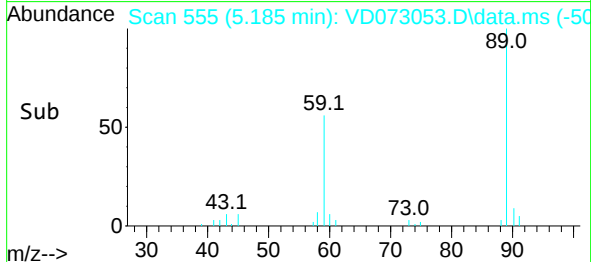
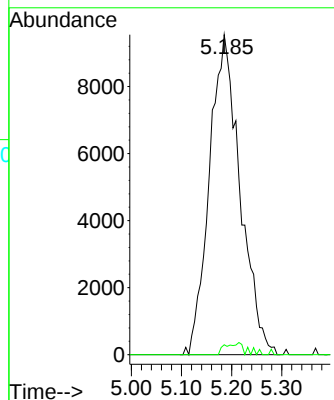
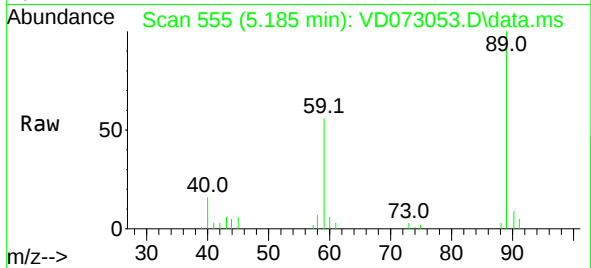




#11
Tert butyl alcohol
Concen: 125.738 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.023 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

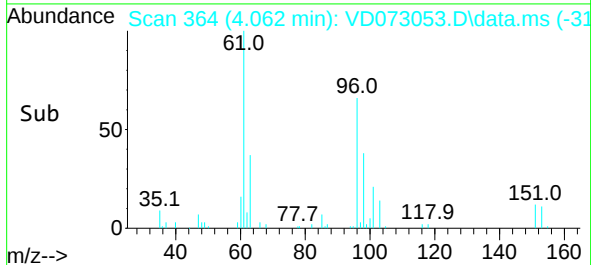
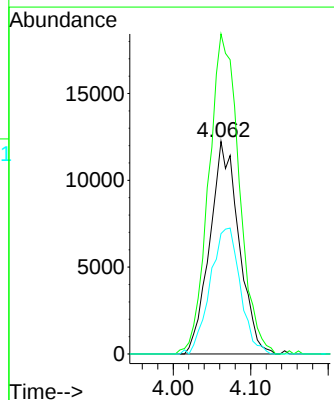
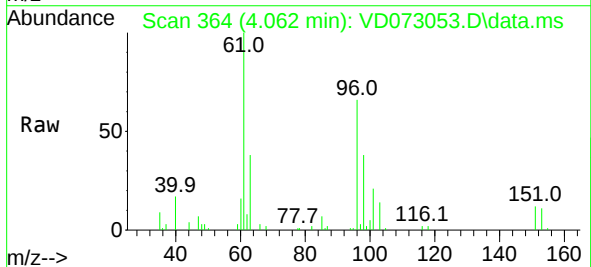
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

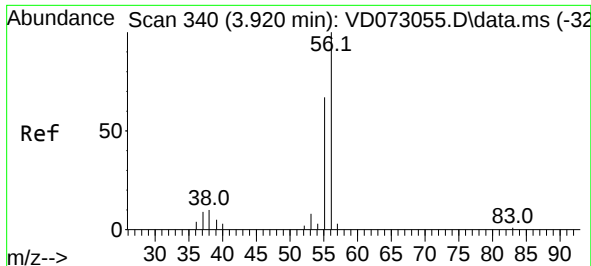
Tgt Ion: 59 Resp: 40716
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 9.644 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 96 Resp: 31980
Ion Ratio Lower Upper
96 100
61 150.6 138.5 207.7
98 56.6 48.6 73.0

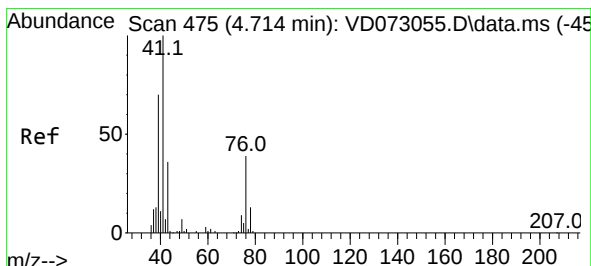
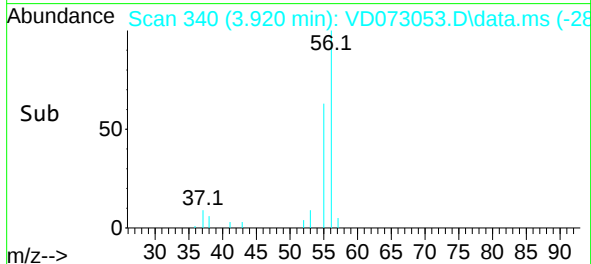
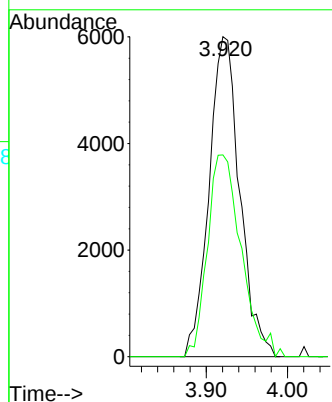
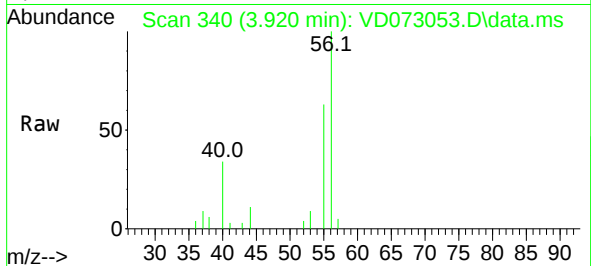




#13
Acrolein
Concen: 40.622 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

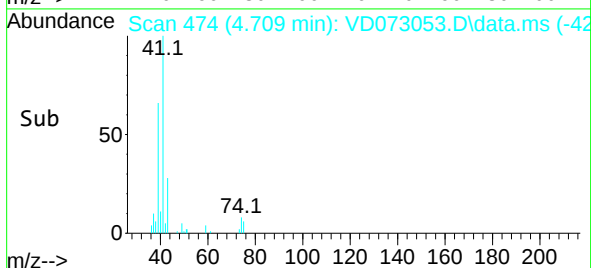
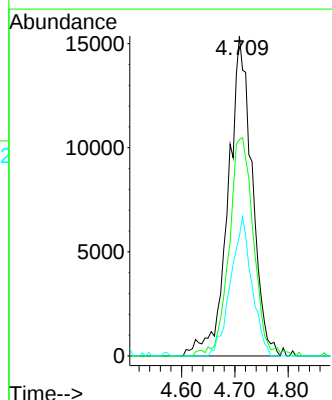
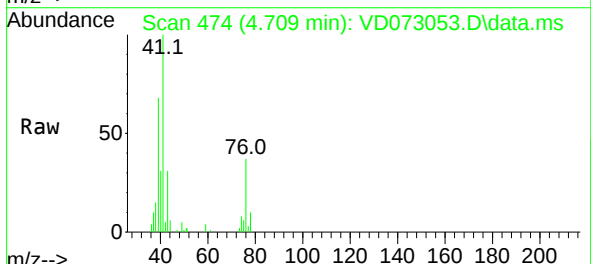
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

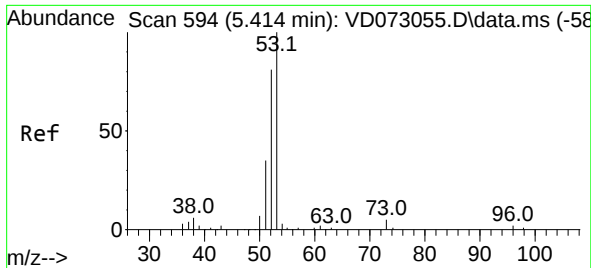
Tgt Ion: 56 Resp: 15755
Ion Ratio Lower Upper
56 100
55 69.1 57.1 85.7



#14
Allyl chloride
Concen: 8.981 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 41 Resp: 47995
Ion Ratio Lower Upper
41 100
39 69.8 59.3 88.9
76 38.3 25.7 38.5

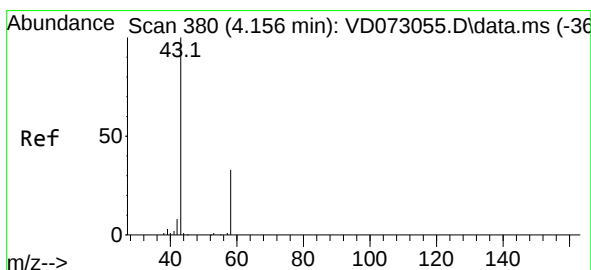
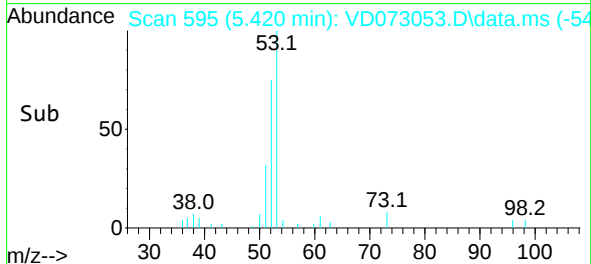
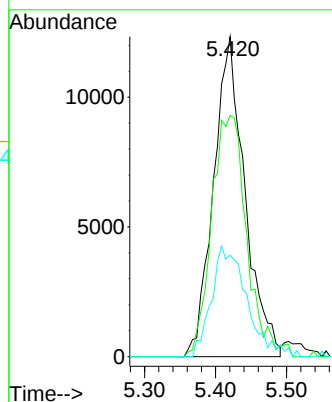
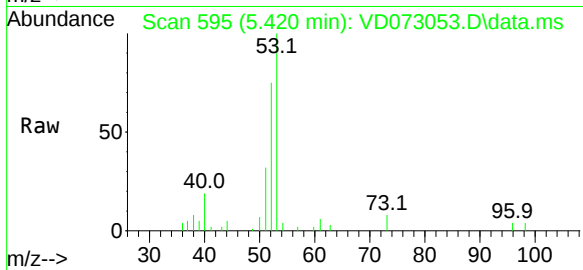




#15
Acrylonitrile
Concen: 44.435 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

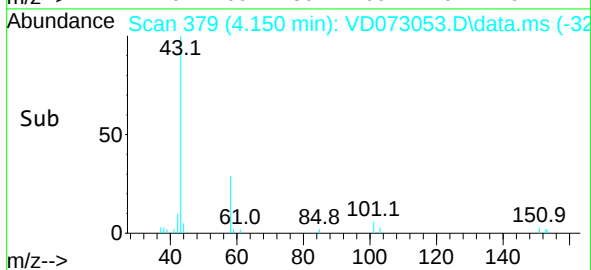
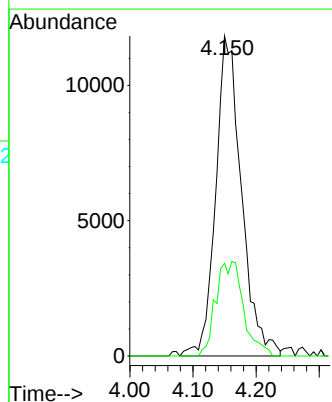
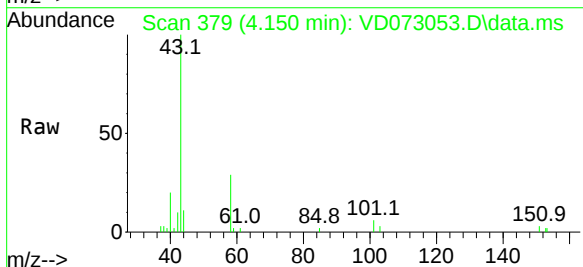
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

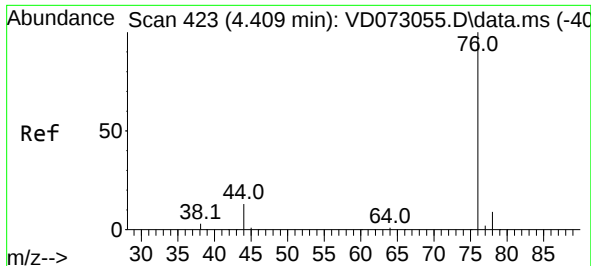
Tgt Ion: 53 Resp: 37840
Ion Ratio Lower Upper
53 100
52 83.4 67.2 100.8
51 38.8 30.3 45.5



#16
Acetone
Concen: 50.564 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 43 Resp: 33480
Ion Ratio Lower Upper
43 100
58 29.0 22.1 33.1

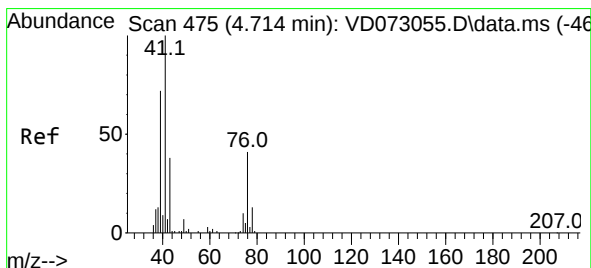
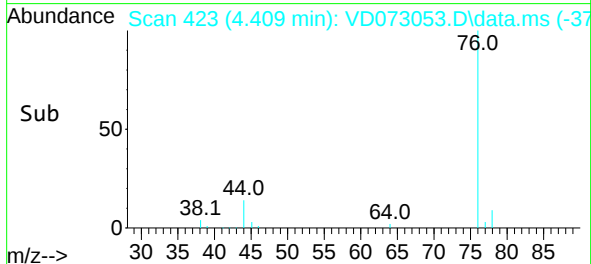
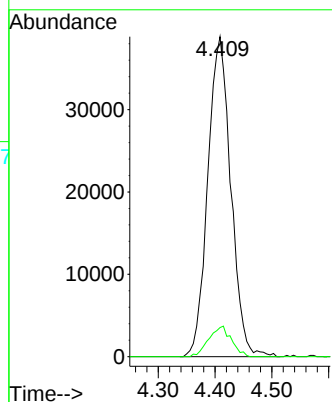
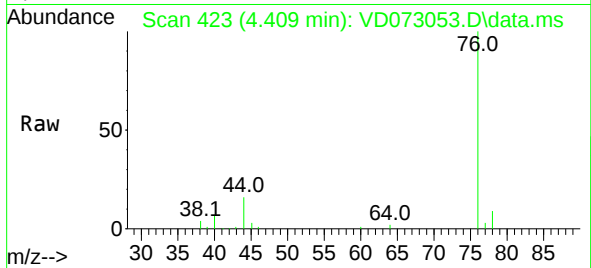




#17
Carbon Disulfide
Concen: 10.399 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

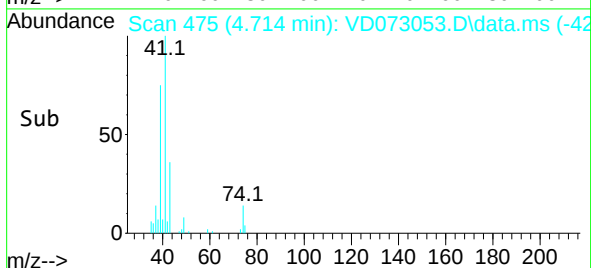
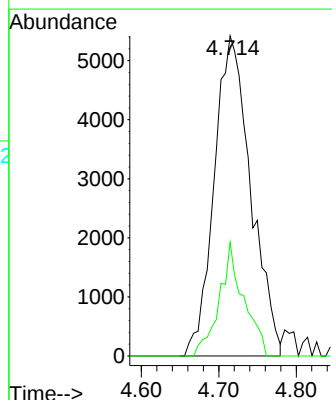
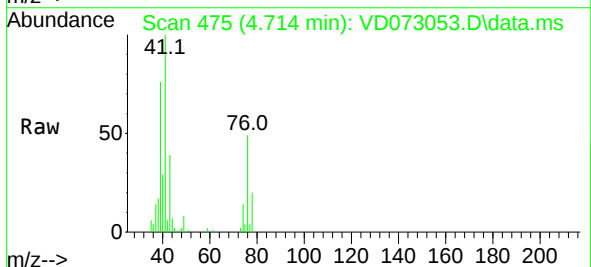
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

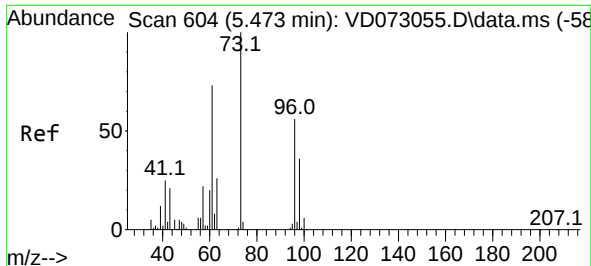
Tgt Ion: 76 Resp: 109498
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 10.029 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 43 Resp: 17819
Ion Ratio Lower Upper
43 100
74 23.6 16.7 25.1

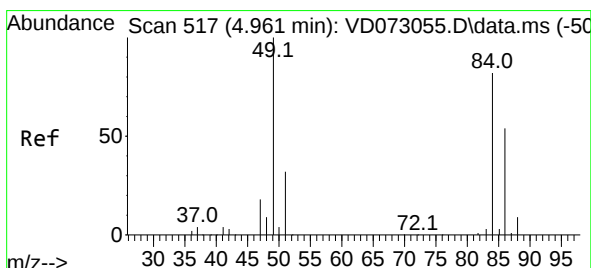
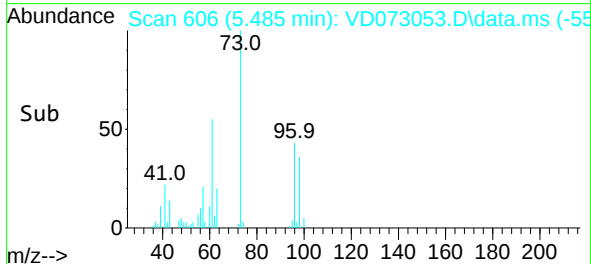
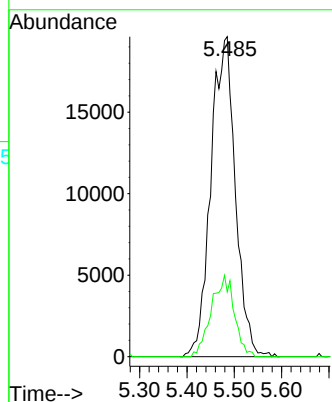
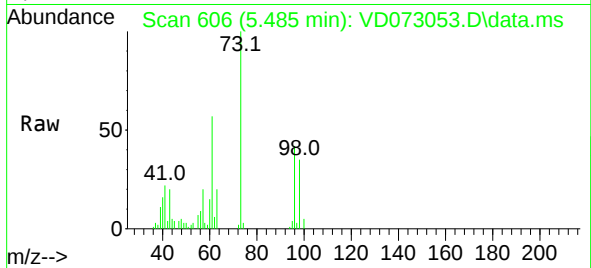




#19
Methyl tert-butyl Ether
Concen: 8.859 ug/l
RT: 5.485 min Scan# 604
Delta R.T. 0.012 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

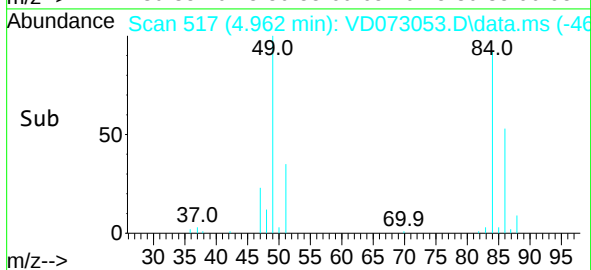
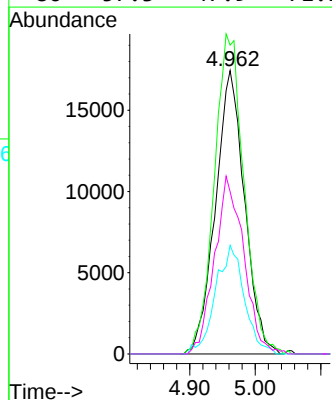
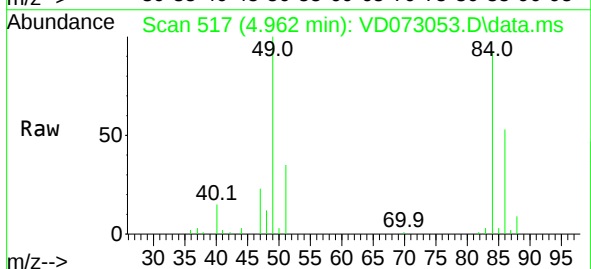
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

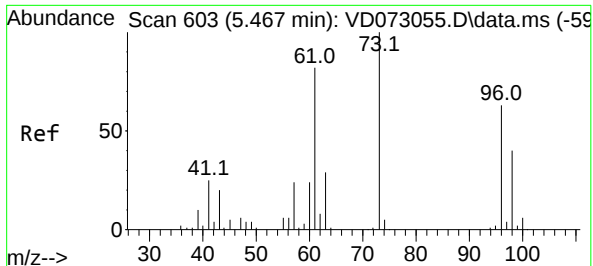
Tgt Ion: 73 Resp: 70521
Ion Ratio Lower Upper
73 100
57 20.3 18.0 27.0



#20
Methylene Chloride
Concen: 8.059 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 84 Resp: 53781
Ion Ratio Lower Upper
84 100
49 109.0 112.8 169.2#
51 38.4 32.6 48.8
86 57.3 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 9.778 ug/l

RT: 5.467 min Scan# 603

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

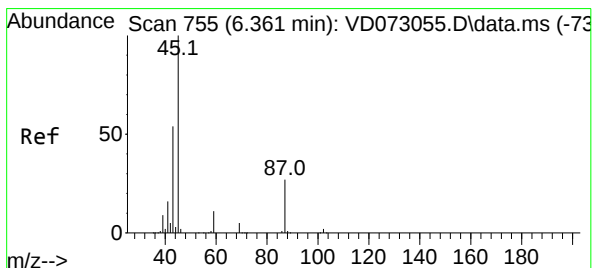
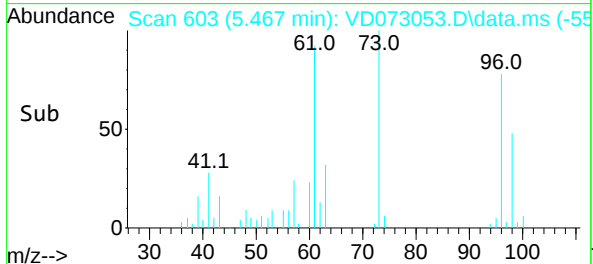
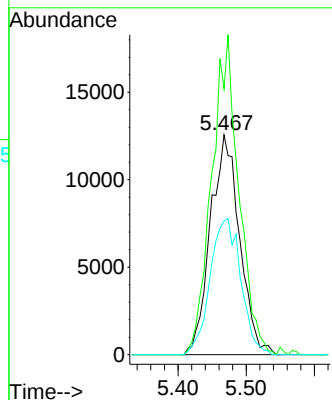
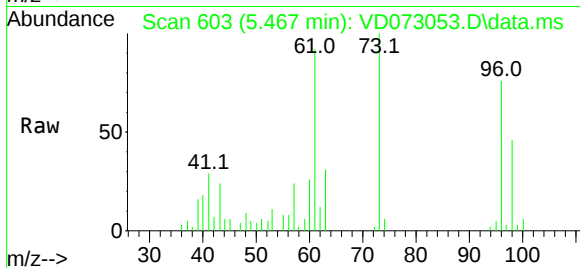
Tgt Ion: 96 Resp: 37456

Ion Ratio Lower Upper

96 100

61 121.1 117.9 176.9

98 60.8 49.4 74.2



#22

Diisopropyl ether

Concen: 8.974 ug/l

RT: 6.361 min Scan# 755

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Tgt Ion: 45 Resp: 105555

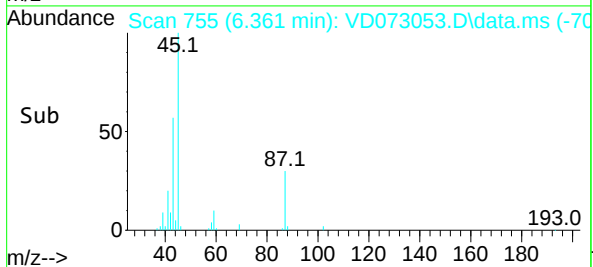
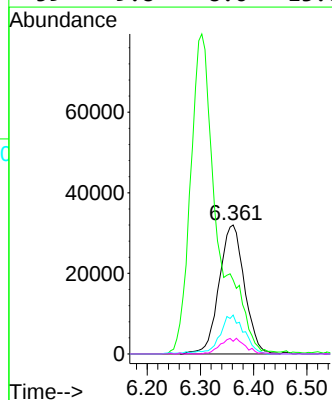
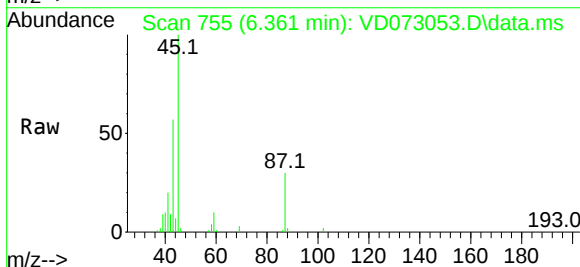
Ion Ratio Lower Upper

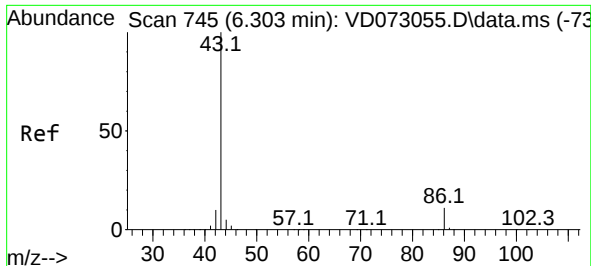
45 100

43 55.9 46.6 70.0

87 30.2 18.4 27.6#

59 9.8 8.6 13.0

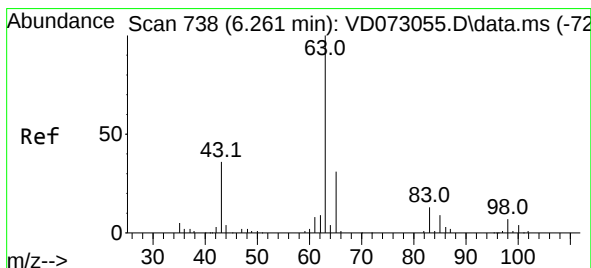
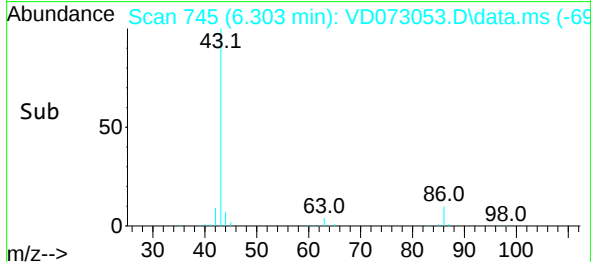
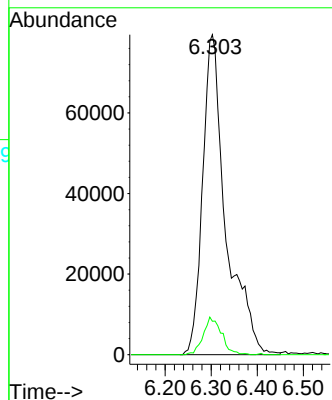
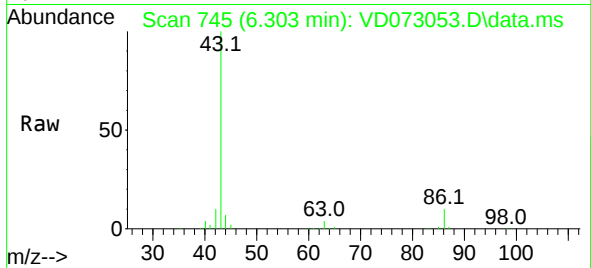




#23
 Vinyl Acetate
 Concen: 42.998 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

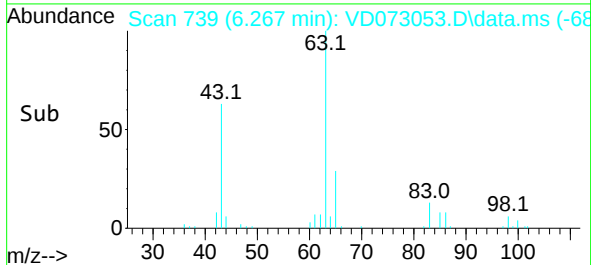
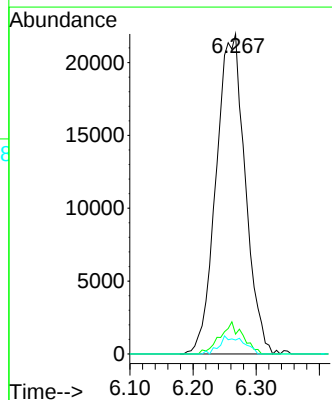
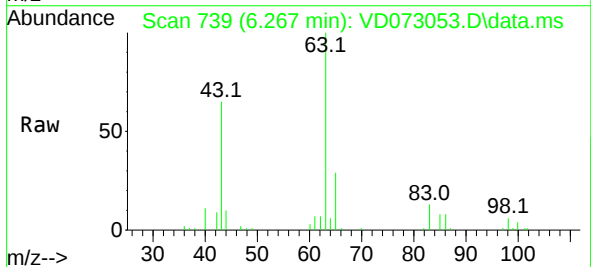
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

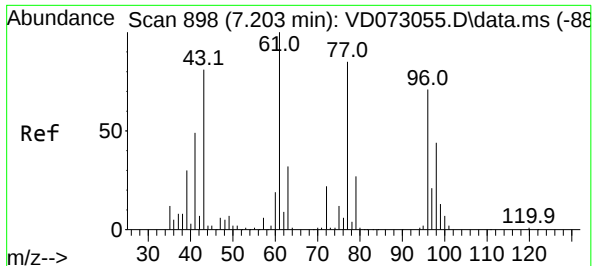
Tgt Ion: 43 Resp: 279333
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 9.861 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

Tgt Ion: 63 Resp: 70046
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 4.4 2.1 6.5

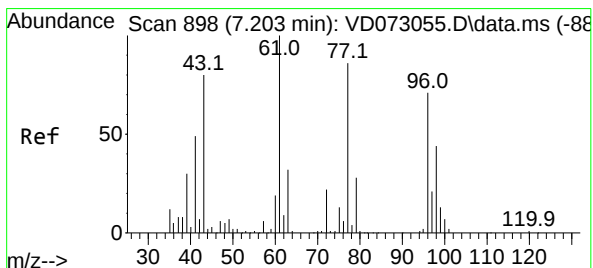
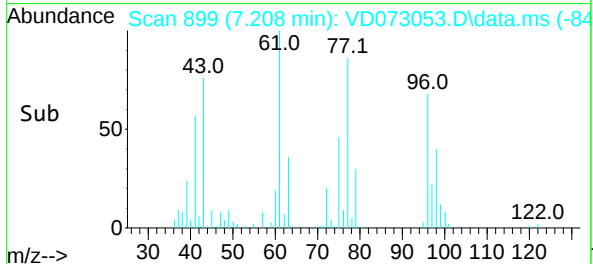
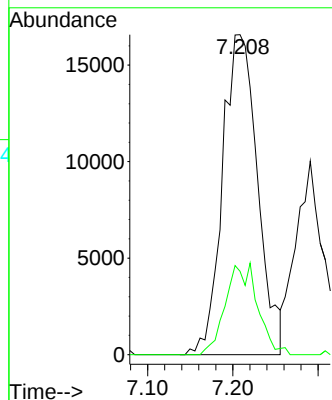
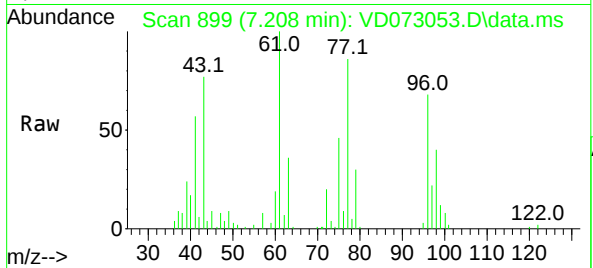




#25
2-Butanone
Concen: 46.114 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

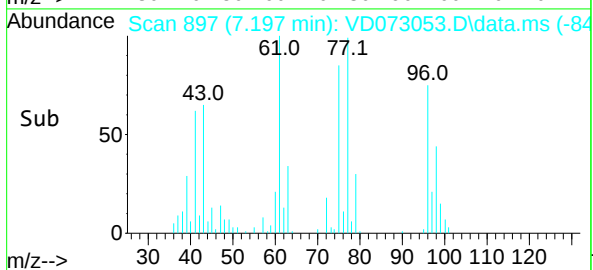
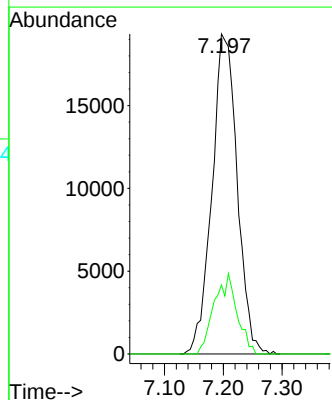
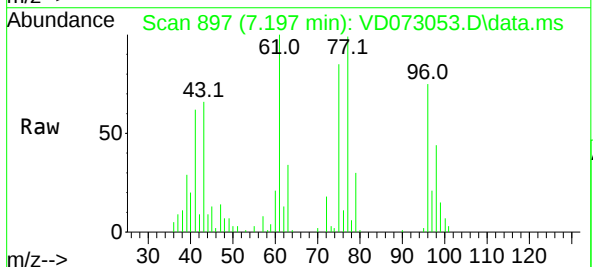
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

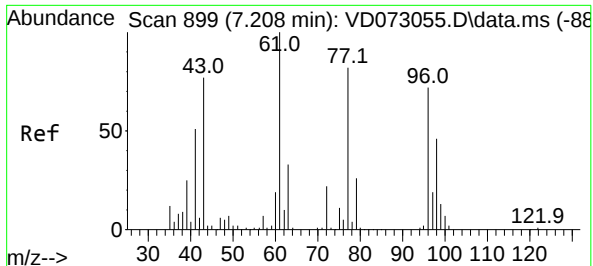
Tgt Ion: 43 Resp: 47561
Ion Ratio Lower Upper
43 100
72 26.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 9.658 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 77 Resp: 57618
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4

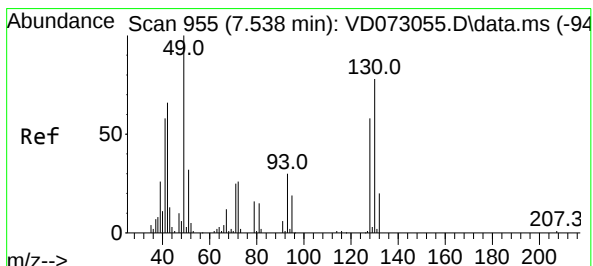
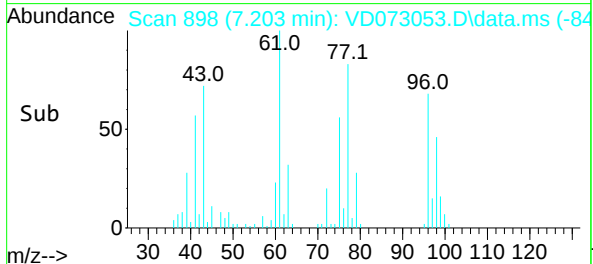
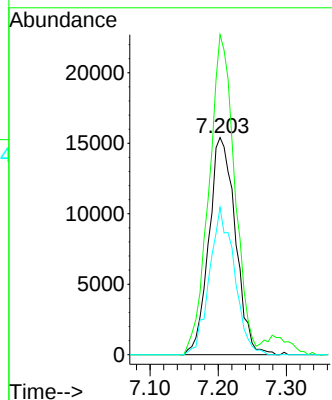
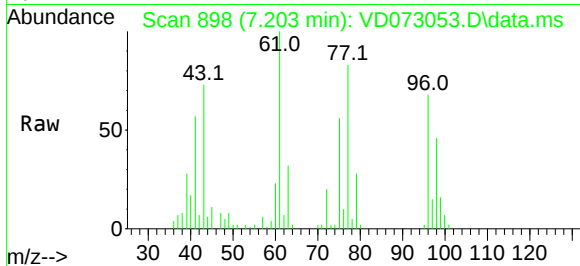




#27
 cis-1,2-Dichloroethene
 Concen: 9.506 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

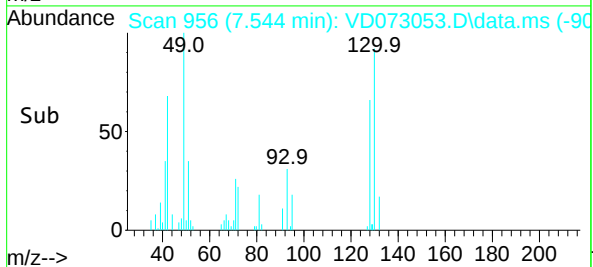
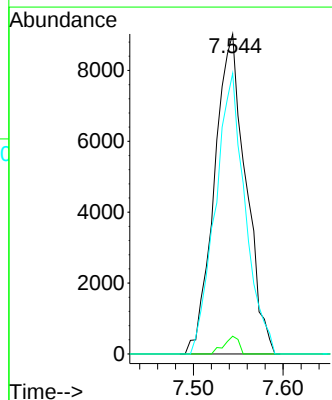
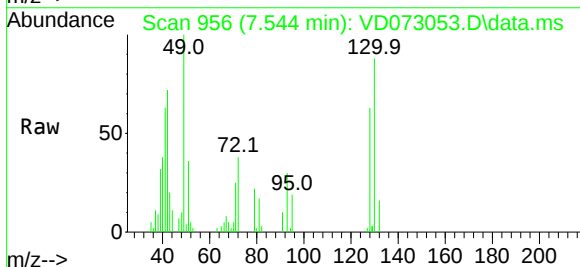
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

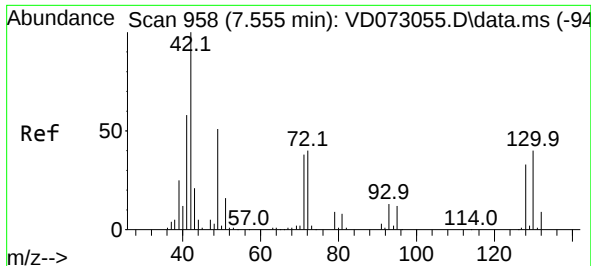
Tgt Ion: 96 Resp: 41683
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 313.8
 98 63.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 8.439 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

Tgt Ion: 49 Resp: 21923
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.0
 130 83.5 52.6 79.0#





#29

Tetrahydrofuran

Concen: 43.976 ug/l

RT: 7.555 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

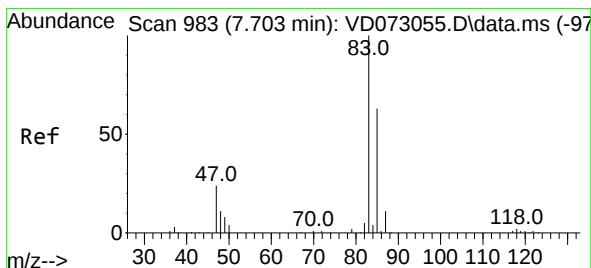
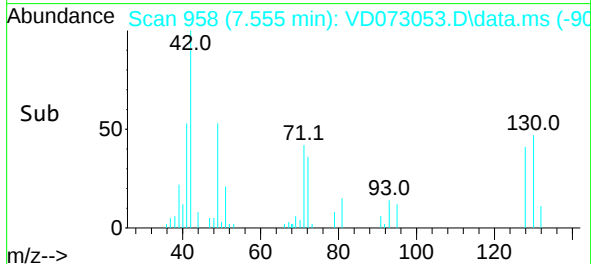
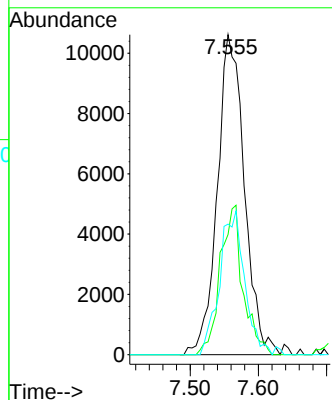
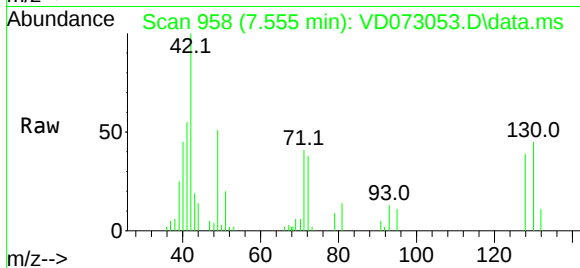
Tgt Ion: 42 Resp: 29305

Ion Ratio Lower Upper

42 100

72 39.3 30.7 46.1

71 41.5 28.6 43.0



#30

Chloroform

Concen: 10.106 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073053.D

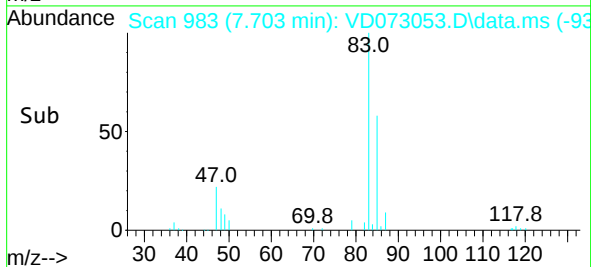
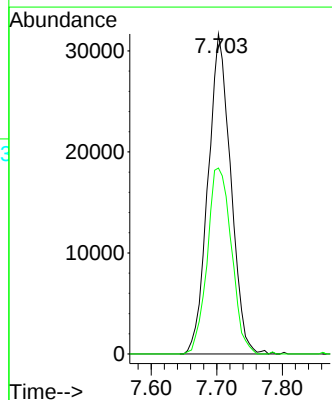
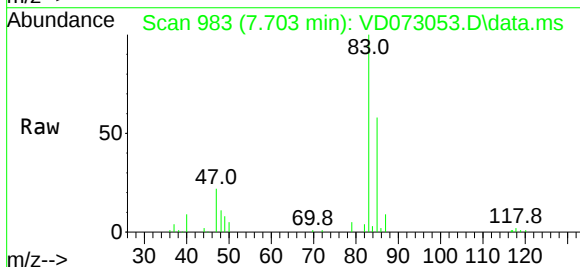
Acq: 17 May 2022 10:47

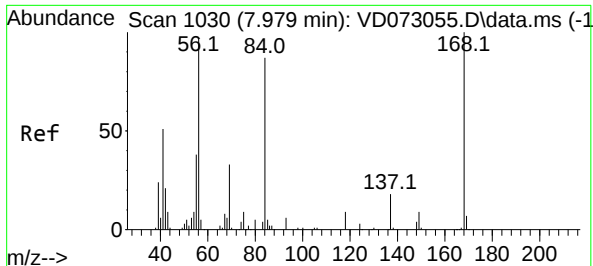
Tgt Ion: 83 Resp: 76162

Ion Ratio Lower Upper

83 100

85 58.1 52.7 79.1

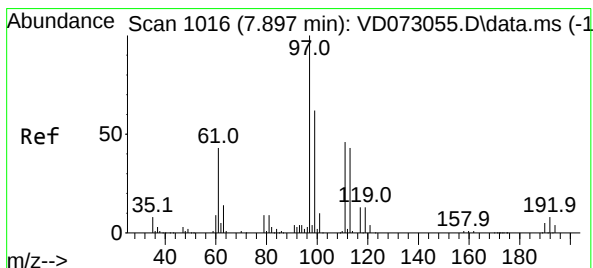
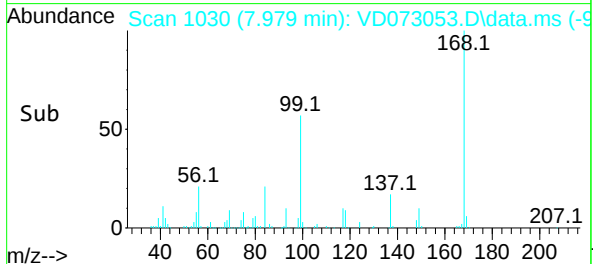
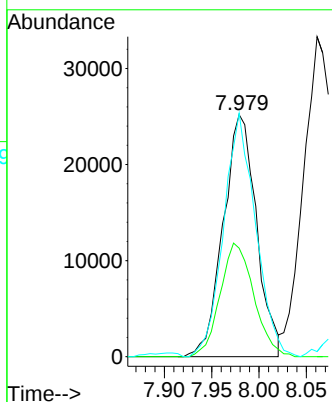
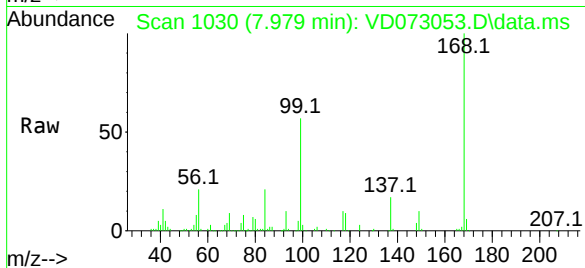




#31
Cyclohexane
Concen: 9.881 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

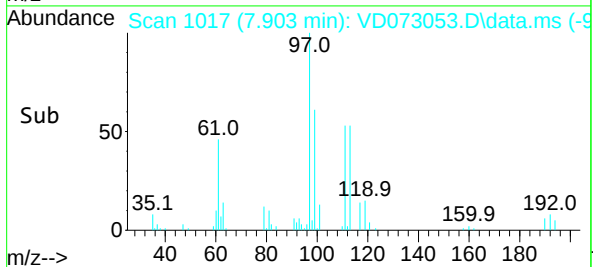
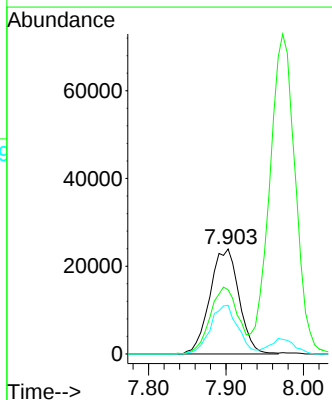
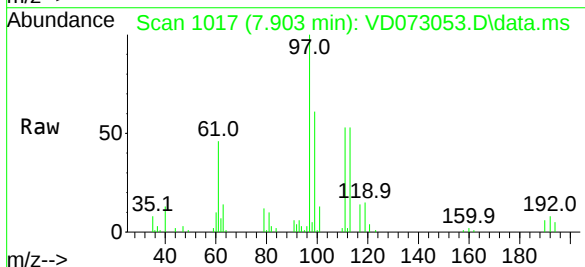
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

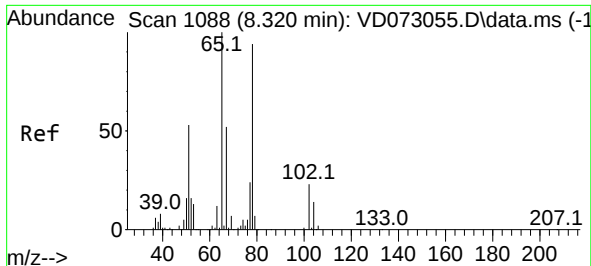
Tgt Ion: 56 Resp: 61564
Ion Ratio Lower Upper
56 100
69 44.8 25.4 38.2#
84 99.3 63.0 94.4#



#32
1,1,1-Trichloroethane
Concen: 9.779 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 97 Resp: 62610
Ion Ratio Lower Upper
97 100
99 60.7 52.4 78.6
61 43.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 9.640 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

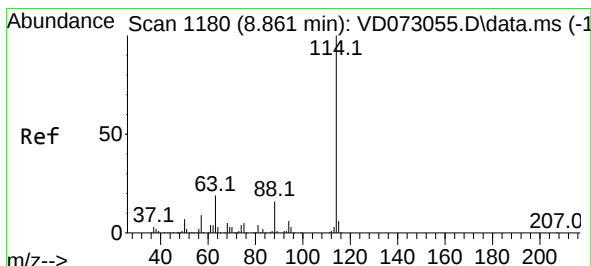
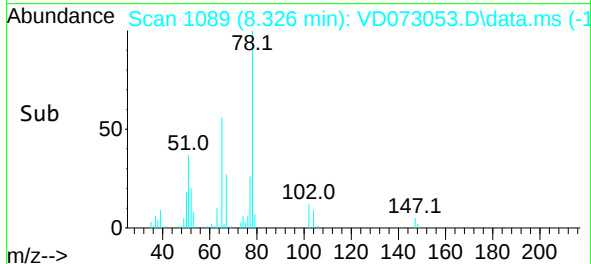
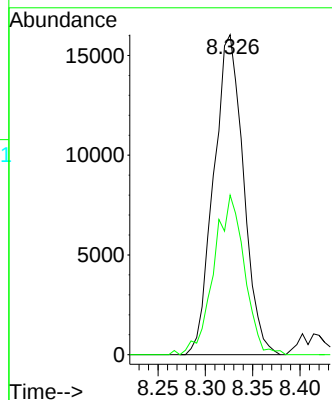
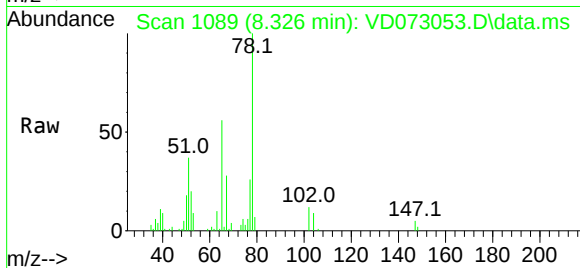
VSTDIC010

Tgt Ion: 65 Resp: 35000

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

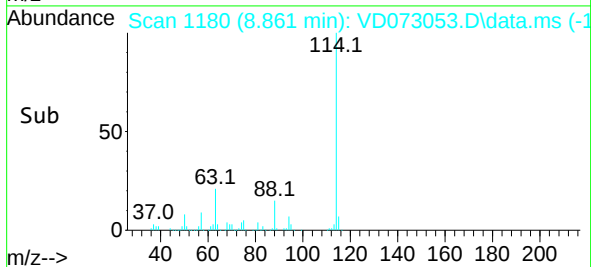
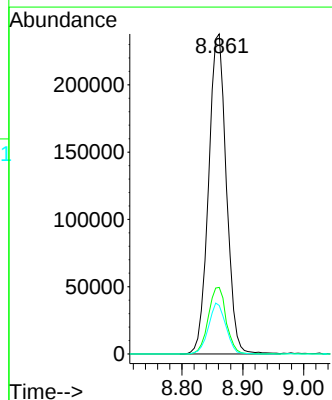
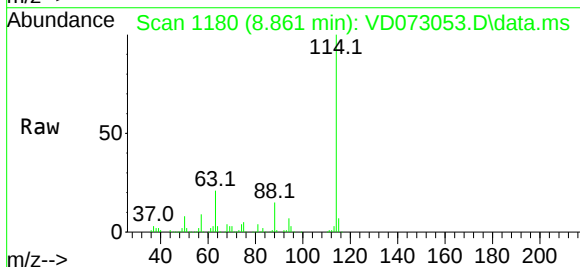
Tgt Ion: 114 Resp: 481642

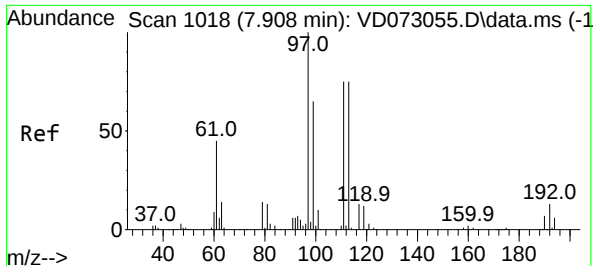
Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 9.773 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

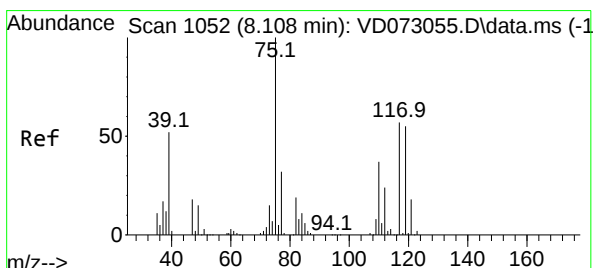
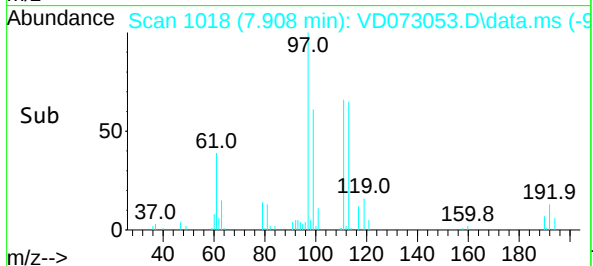
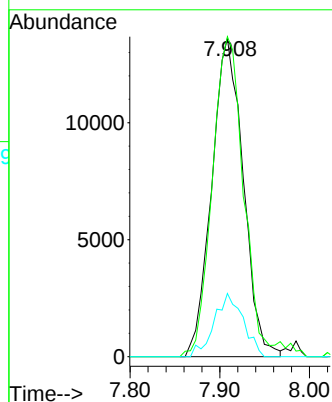
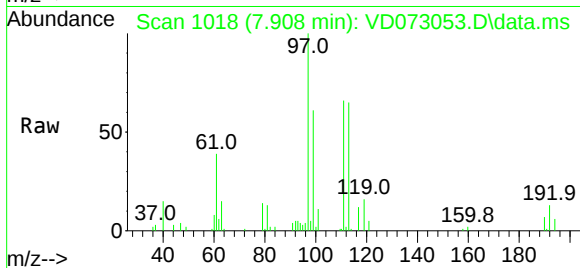
Tgt Ion:113 Resp: 33130

Ion Ratio Lower Upper

113 100

111 99.1 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 10.110 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

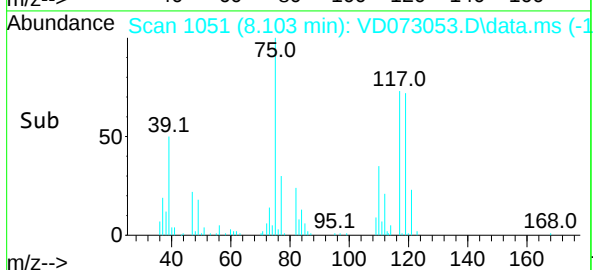
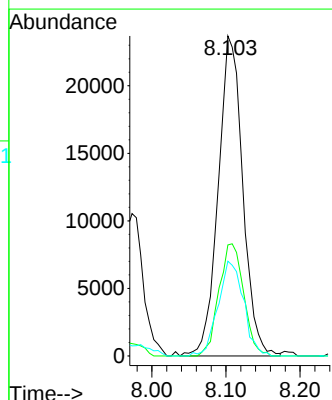
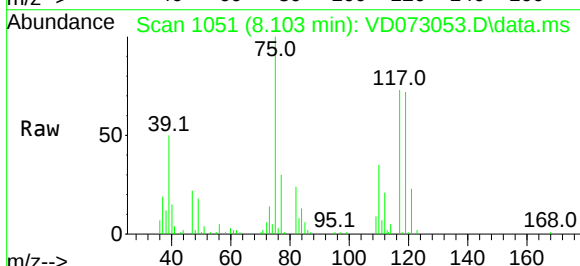
Tgt Ion: 75 Resp: 54522

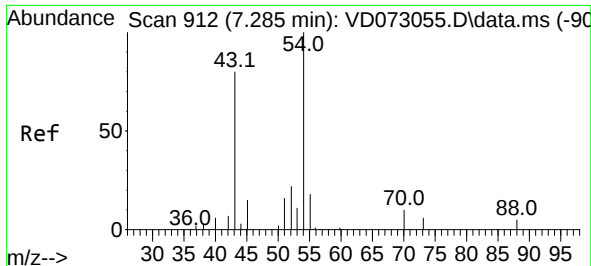
Ion Ratio Lower Upper

75 100

110 35.4 16.4 49.1

77 30.7 24.2 36.2





#37

Ethyl Acetate

Concen: 9.511 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

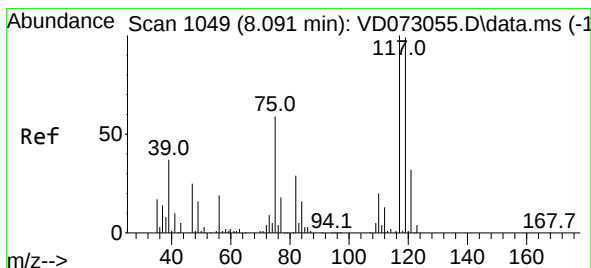
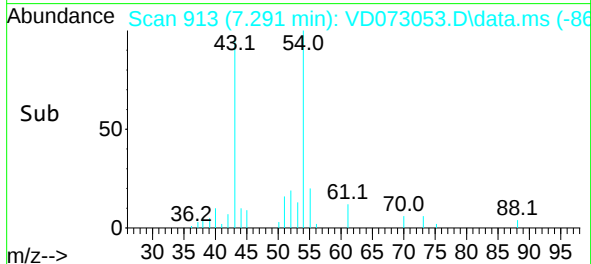
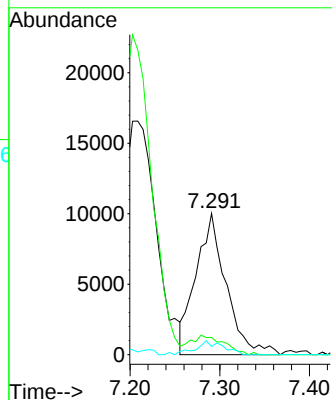
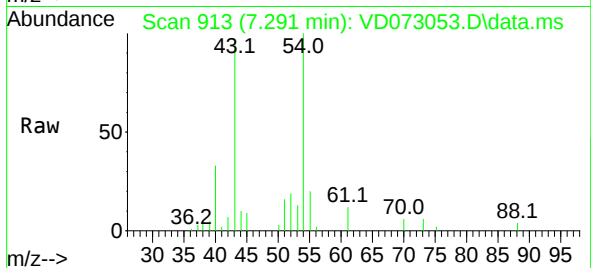
Tgt Ion: 43 Resp: 23466

Ion Ratio Lower Upper

43 100

61 14.3 9.8 14.8

70 9.0 6.9 10.3



#38

Carbon Tetrachloride

Concen: 9.968 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

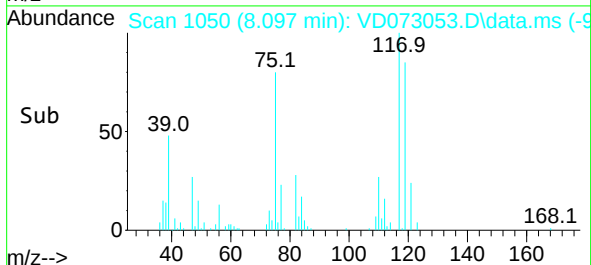
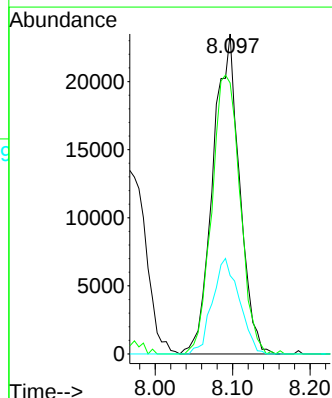
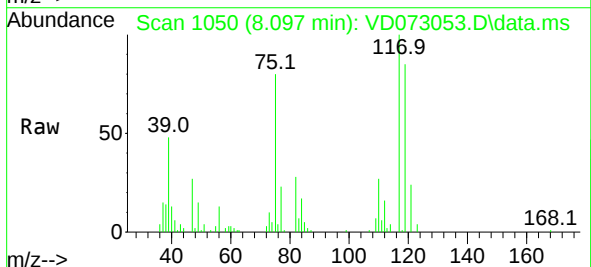
Tgt Ion: 117 Resp: 55944

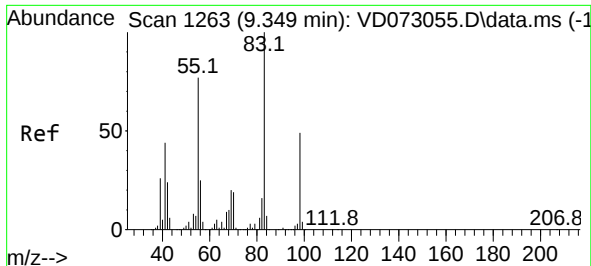
Ion Ratio Lower Upper

117 100

119 84.7 75.8 113.6

121 24.5 24.5 36.7





#39

Methylcyclohexane

Concen: 9.018 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

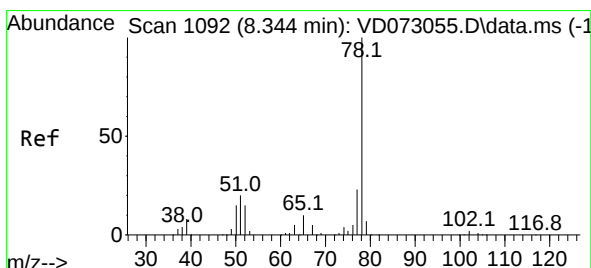
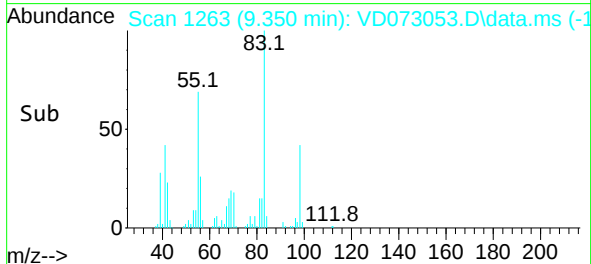
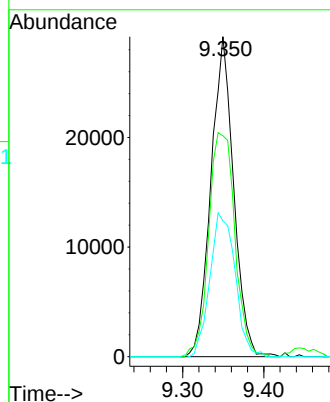
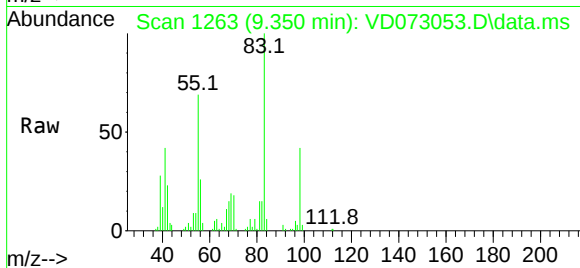
Tgt Ion: 83 Resp: 56669

Ion Ratio Lower Upper

83 100

55 69.1 63.2 94.8

98 42.5 38.2 57.4



#40

Benzene

Concen: 9.911 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD073053.D

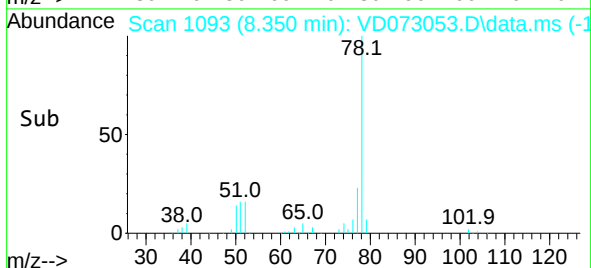
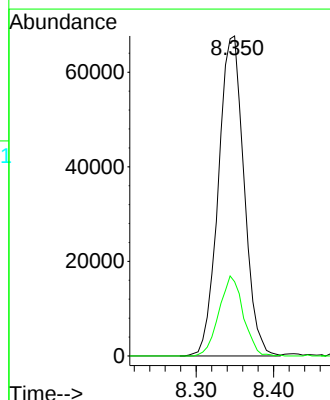
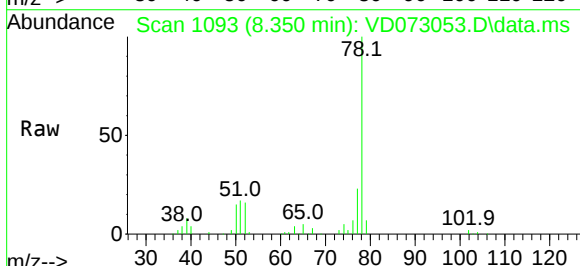
Acq: 17 May 2022 10:47

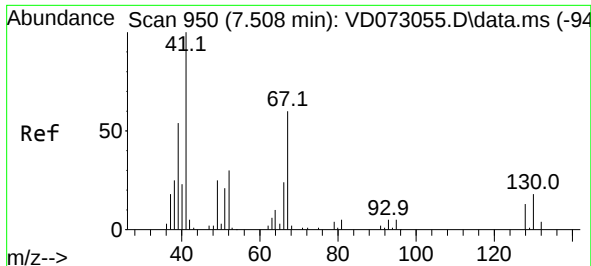
Tgt Ion: 78 Resp: 155533

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7

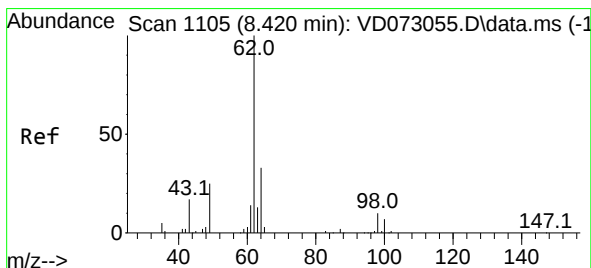
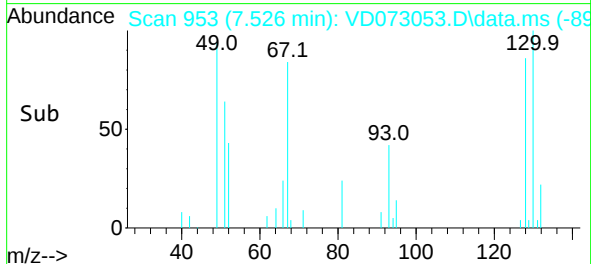
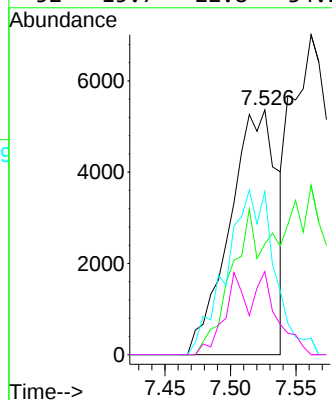
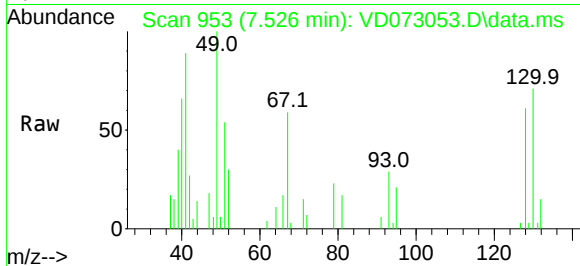




#41
Methacrylonitrile
Concen: 9.267 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

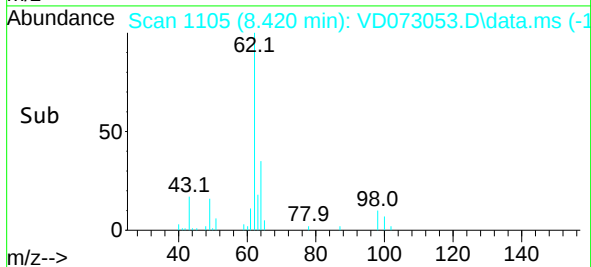
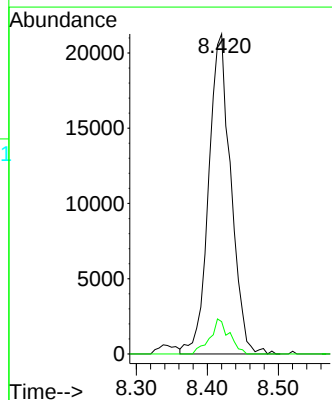
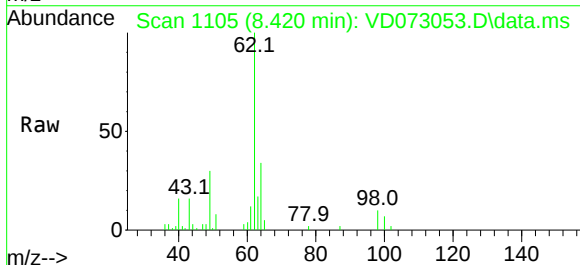
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

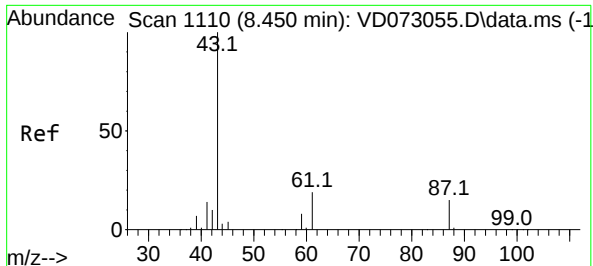
Tgt Ion: 41 Resp: 13417
Ion Ratio Lower Upper
41 100
39 39.5 44.6 67.0#
67 68.9 48.2 72.4
52 15.7 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 9.784 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 62 Resp: 46146
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.6





#43

Isopropyl Acetate

Concen: 9.012 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

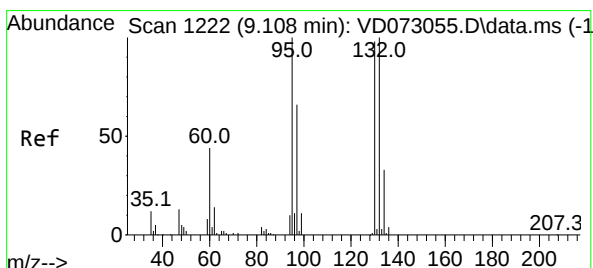
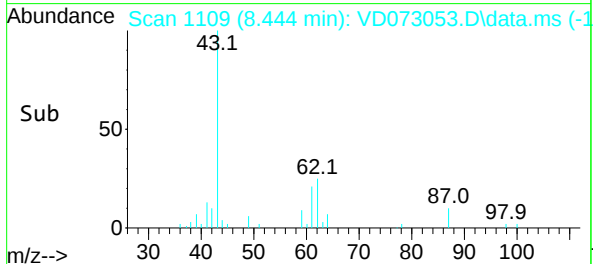
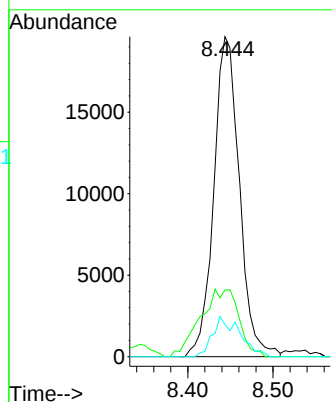
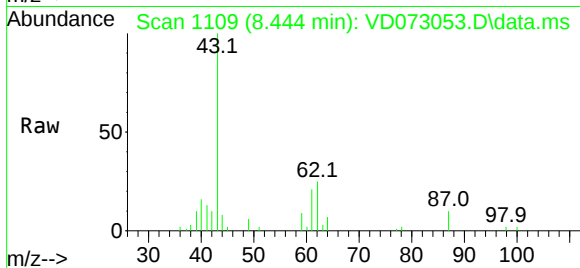
Tgt Ion: 43 Resp: 41045

Ion Ratio Lower Upper

43 100

61 31.7 22.4 33.6

87 13.3 8.7 13.1#



#44

Trichloroethene

Concen: 10.088 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD073053.D

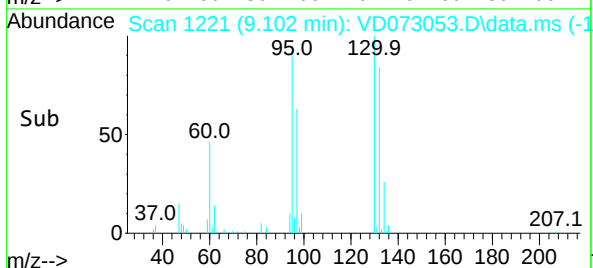
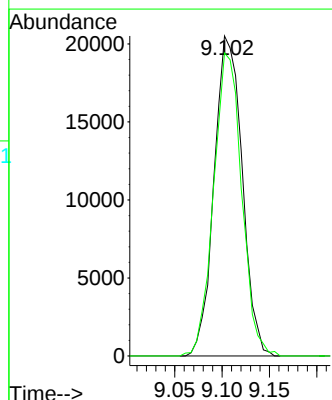
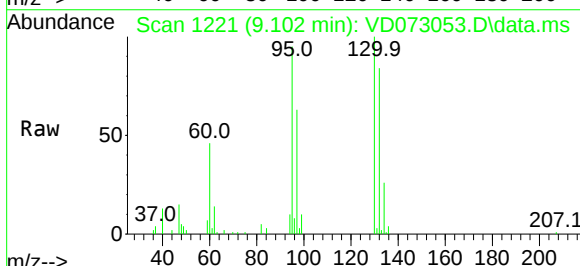
Acq: 17 May 2022 10:47

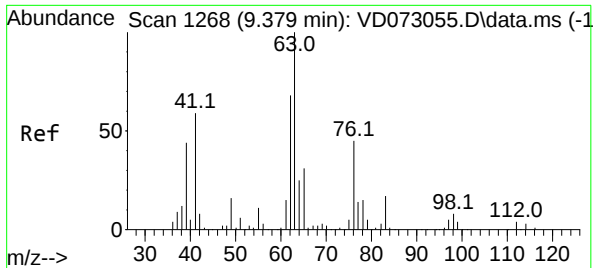
Tgt Ion: 130 Resp: 42195

Ion Ratio Lower Upper

130 100

95 94.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 10.022 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

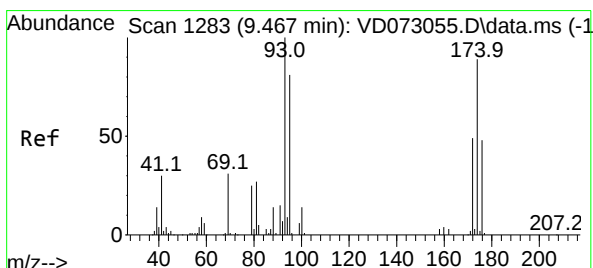
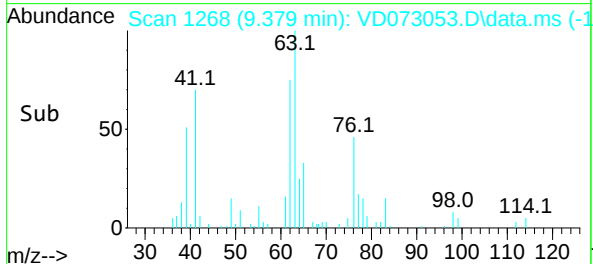
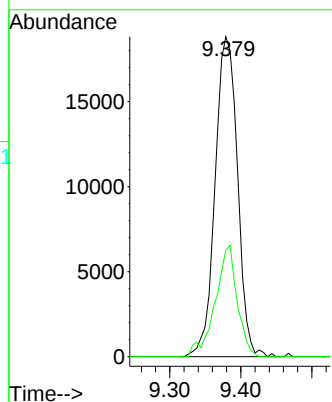
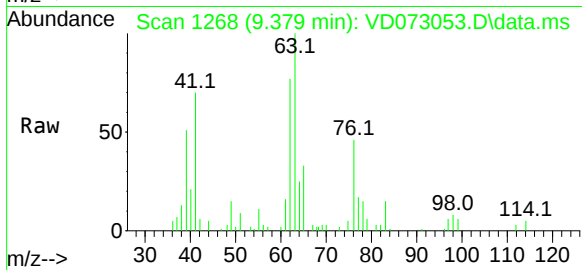
VSTDICC010

Tgt Ion: 63 Resp: 41162

Ion Ratio Lower Upper

63 100

65 33.3 26.2 39.4



#46

Dibromomethane

Concen: 10.344 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

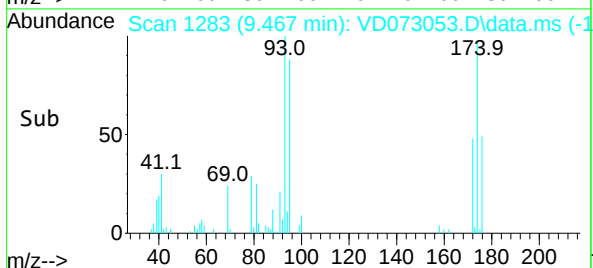
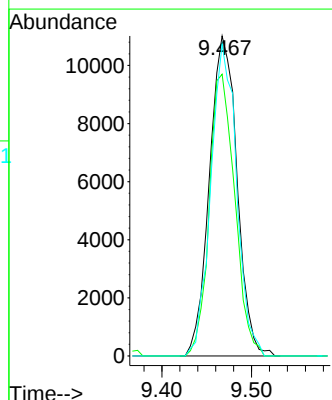
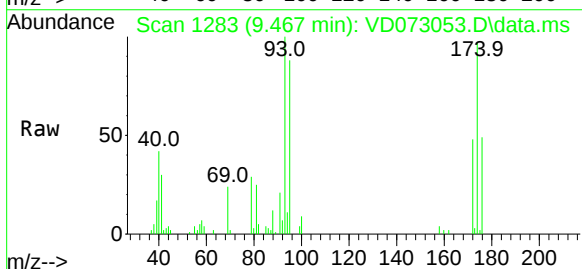
Tgt Ion: 93 Resp: 23497

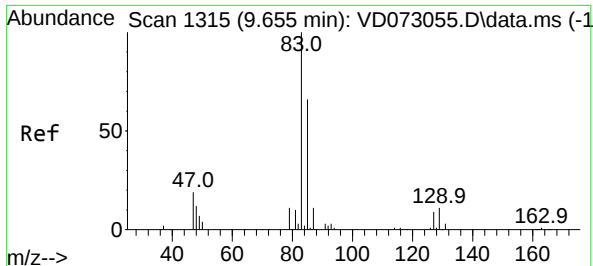
Ion Ratio Lower Upper

93 100

95 81.5 66.7 100.1

174 91.2 71.6 107.4

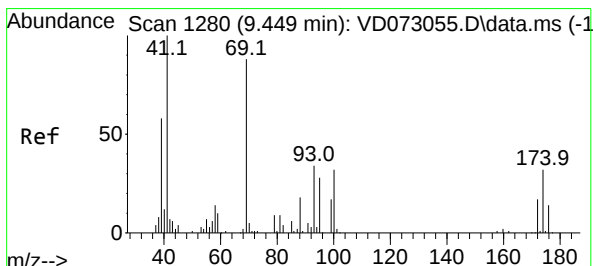
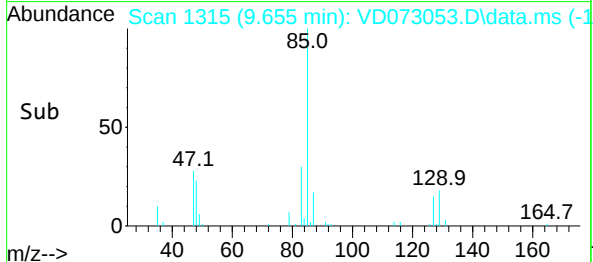
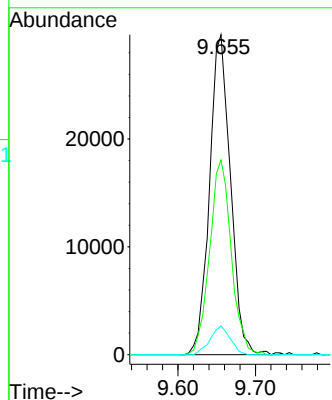
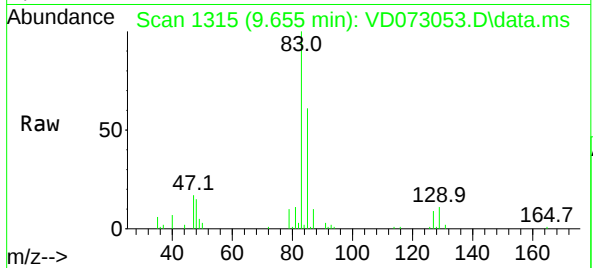




#47
Bromodichloromethane
Concen: 9.600 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

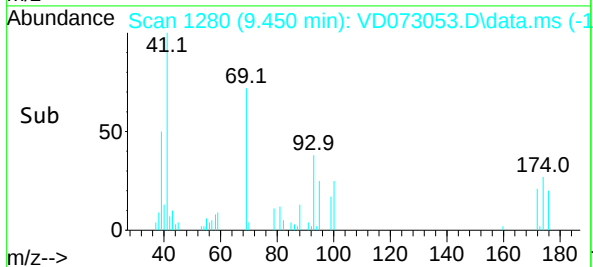
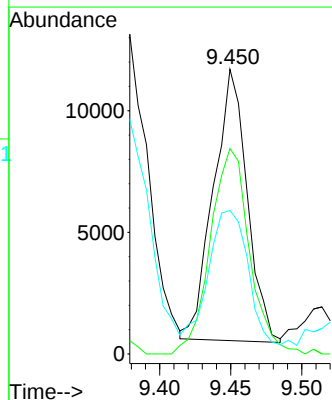
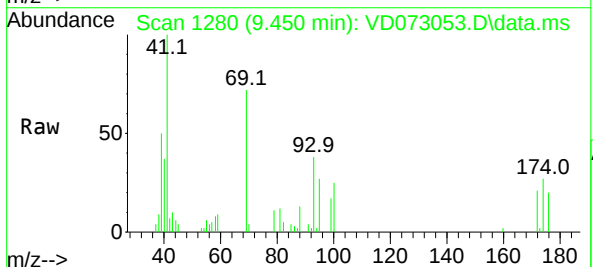
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

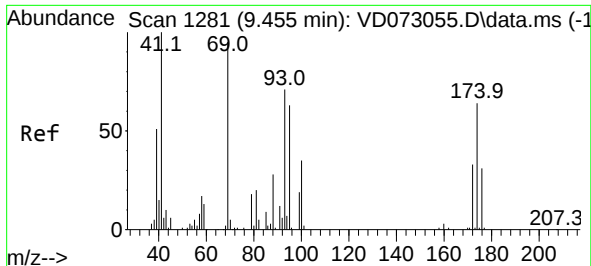
Tgt Ion: 83 Resp: 55914
Ion Ratio Lower Upper
83 100
85 60.8 51.4 77.0
127 9.0 6.1 9.1



#48
Methyl methacrylate
Concen: 8.229 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 41 Resp: 18425
Ion Ratio Lower Upper
41 100
69 87.8 56.7 85.1#
39 57.5 42.7 64.1





#49

1,4-Dioxane

Concen: 180.912 ug/l

RT: 9.461 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

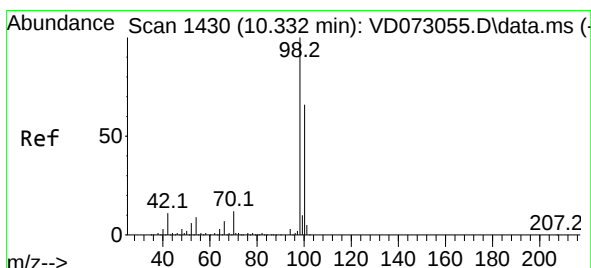
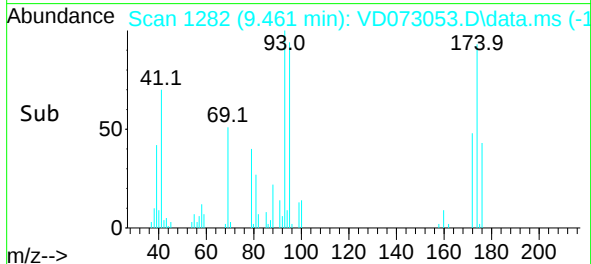
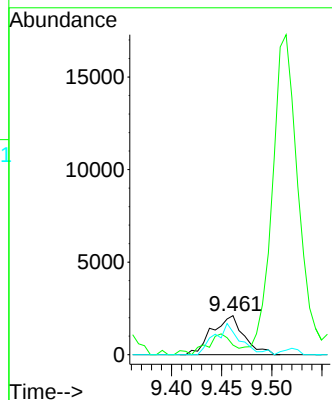
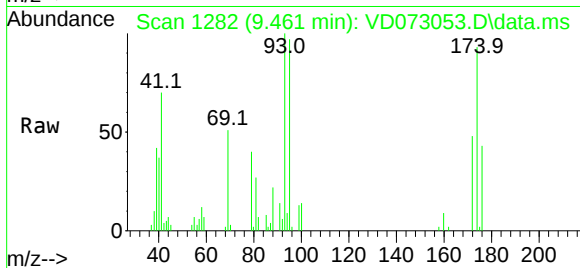
Tgt Ion: 88 Resp: 4635

Ion Ratio Lower Upper

88 100

43 42.8 31.0 46.4

58 65.4 58.1 87.1



#50

Toluene-d8

Concen: 9.469 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073053.D

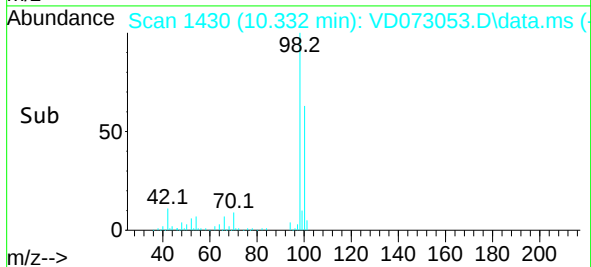
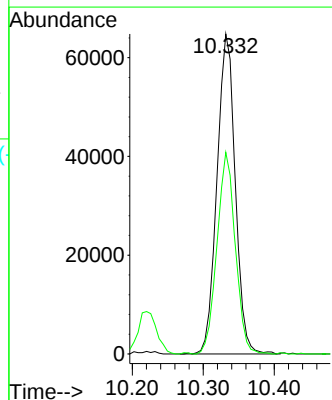
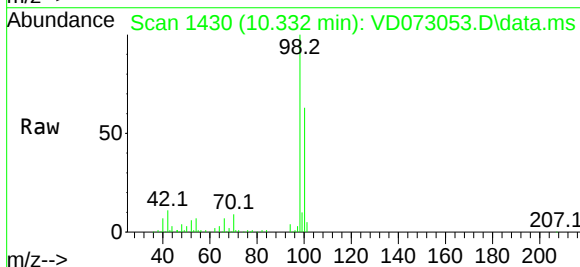
Acq: 17 May 2022 10:47

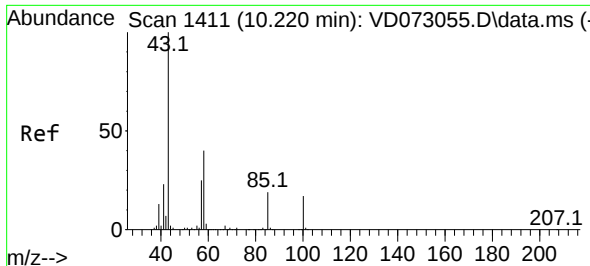
Tgt Ion: 98 Resp: 115610

Ion Ratio Lower Upper

98 100

100 63.0 52.4 78.6

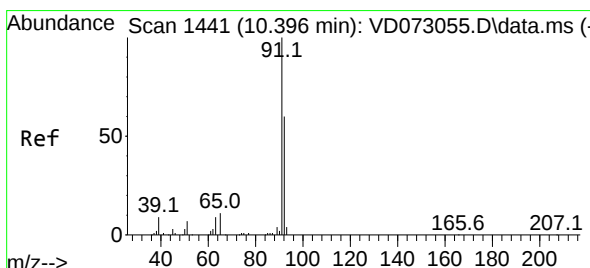
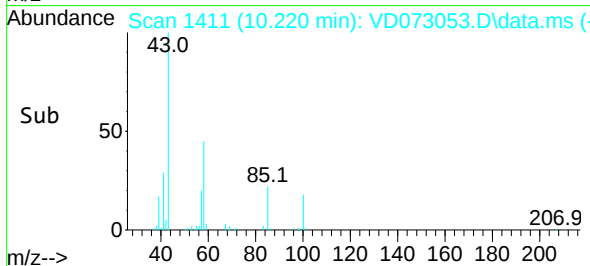
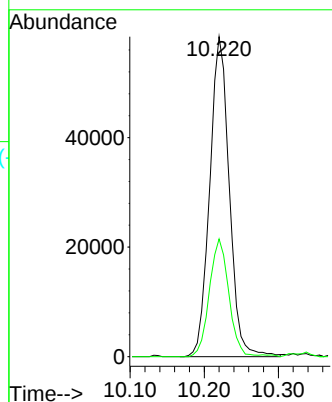
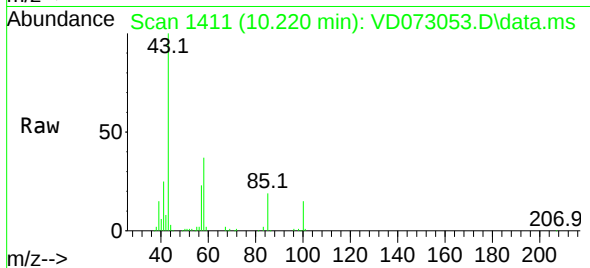




#51
4-Methyl-2-Pentanone
Concen: 45.140 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

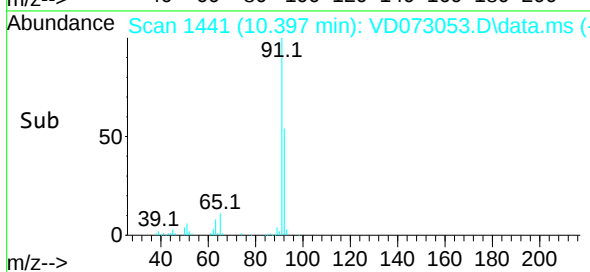
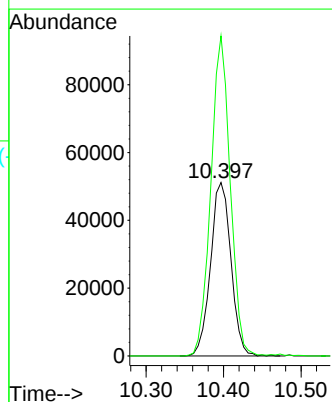
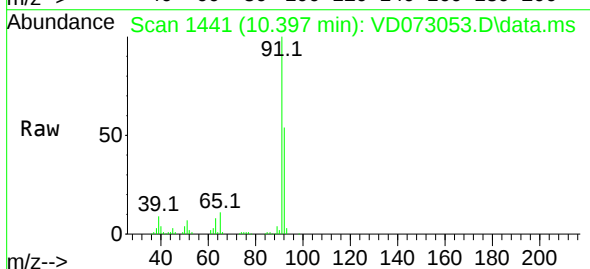
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

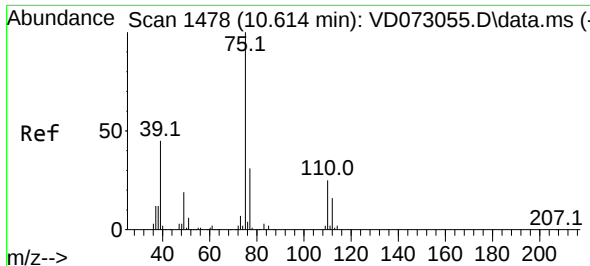
Tgt Ion: 43 Resp: 107250
Ion Ratio Lower Upper
43 100
58 36.4 28.6 43.0



#52
Toluene
Concen: 9.563 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 92 Resp: 93544
Ion Ratio Lower Upper
92 100
91 175.5 139.6 209.4

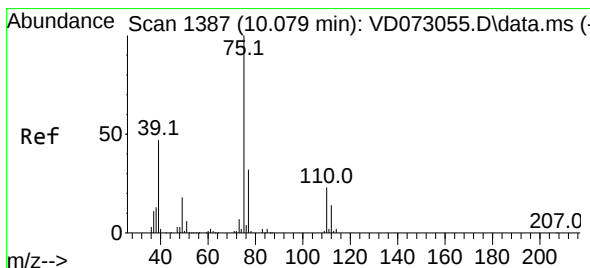
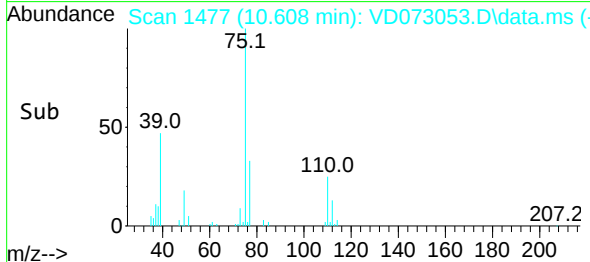
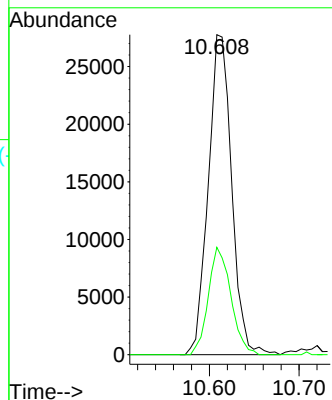
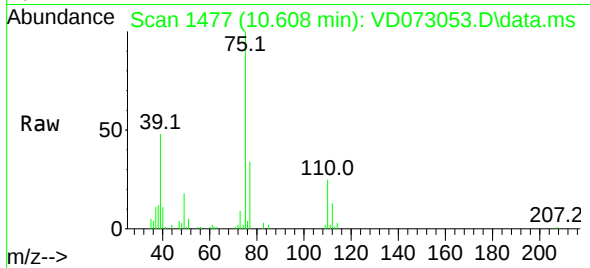




#53
 t-1,3-Dichloropropene
 Concen: 9.400 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

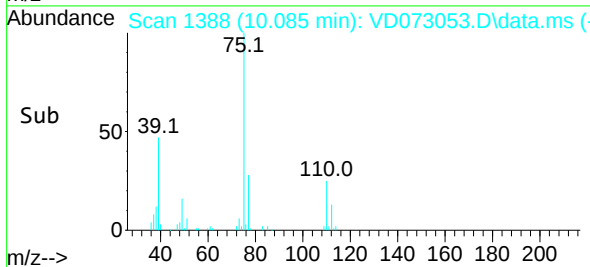
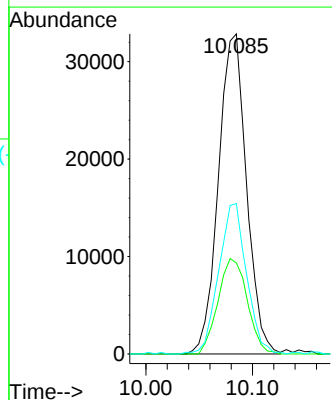
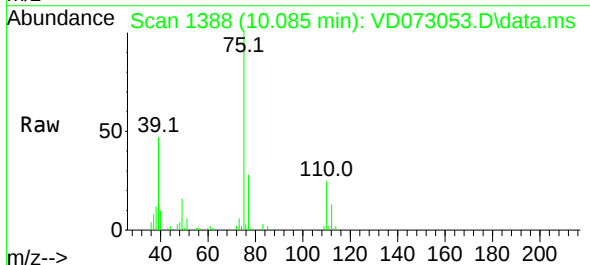
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

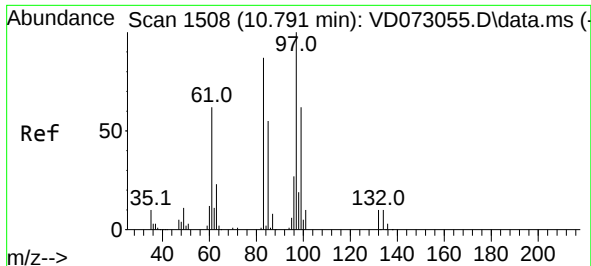
Tgt Ion: 75 Resp: 50236
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 9.643 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.006 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

Tgt Ion: 75 Resp: 60118
 Ion Ratio Lower Upper
 75 100
 77 28.5 24.8 37.2
 39 47.0 46.8 70.2

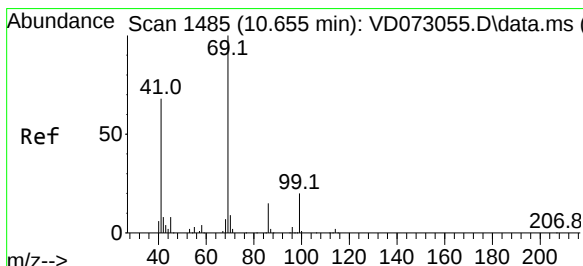
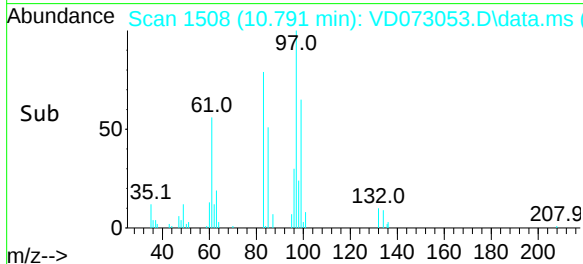
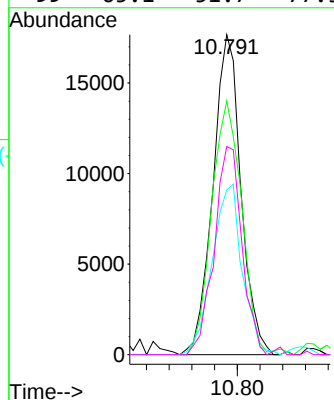
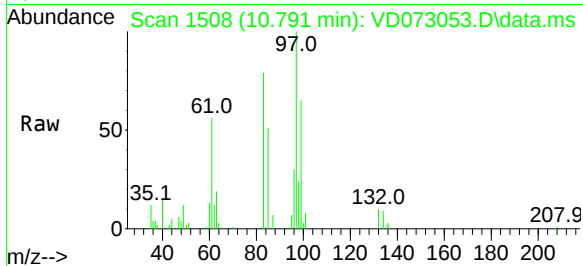




#55
1,1,2-Trichloroethane
Concen: 9.849 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

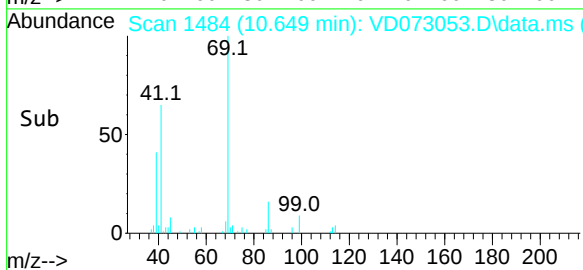
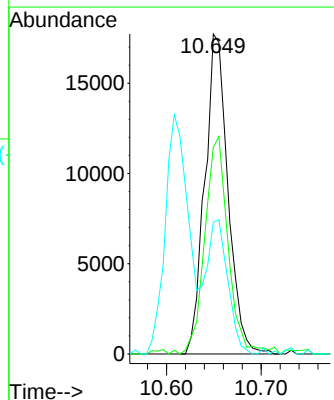
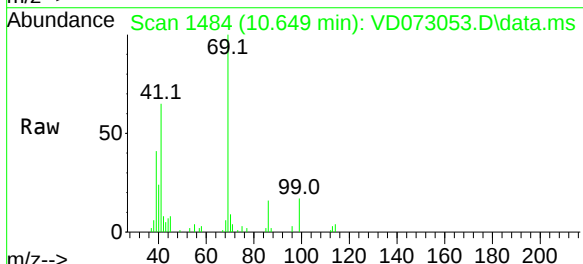
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

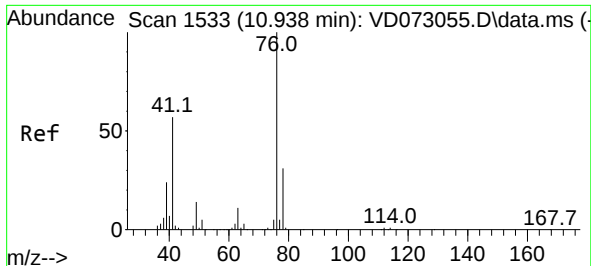
Tgt Ion:	97	Resp:	30265
Ion	Ratio	Lower	Upper
97	100		
83	79.3	69.0	103.4
85	51.5	42.6	63.8
99	65.1	51.7	77.5



#56
Ethyl methacrylate
Concen: 8.404 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion:	69	Resp:	30176
Ion	Ratio	Lower	Upper
69	100		
41	68.4	63.0	94.6
39	35.6	33.8	50.8





#57

1,3-Dichloropropane

Concen: 9.944 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

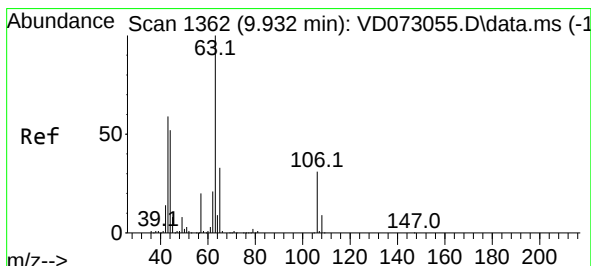
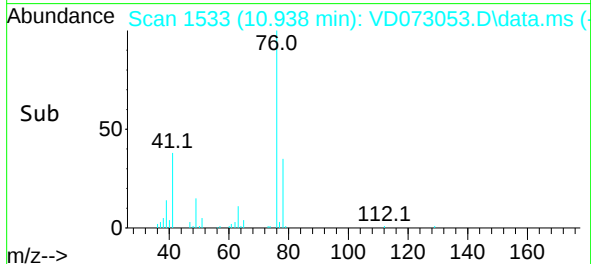
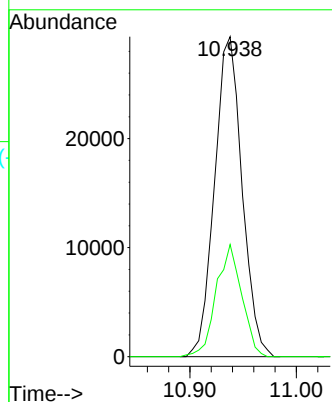
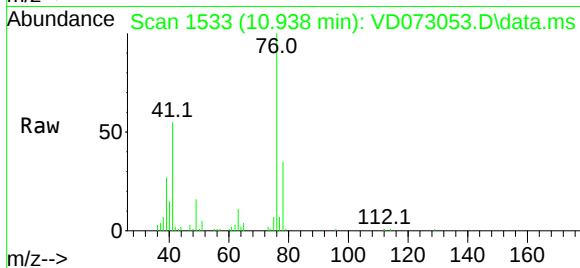
VSTDIC010

Tgt Ion: 76 Resp: 52533

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 35.411 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073053.D

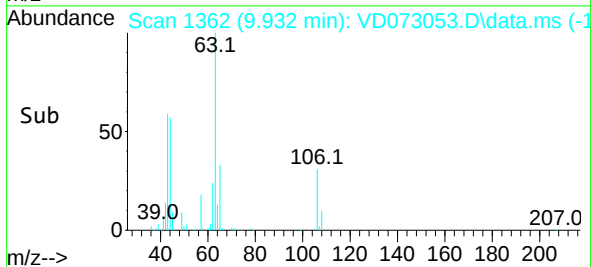
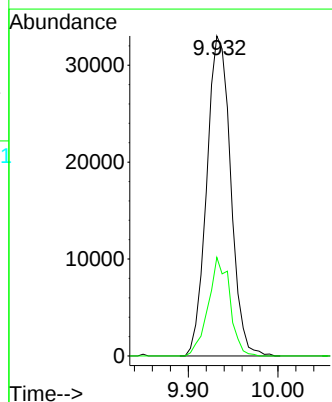
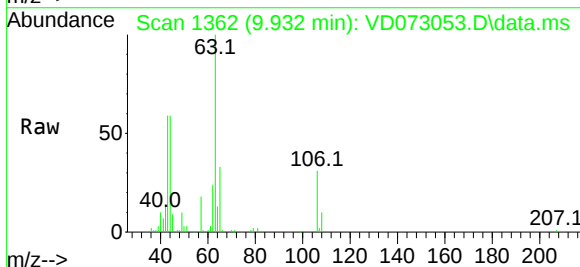
Acq: 17 May 2022 10:47

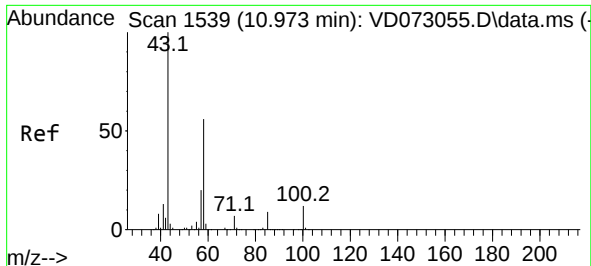
Tgt Ion: 63 Resp: 61214

Ion Ratio Lower Upper

63 100

106 27.9 21.4 32.0

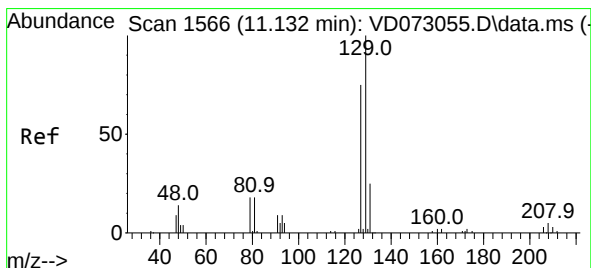
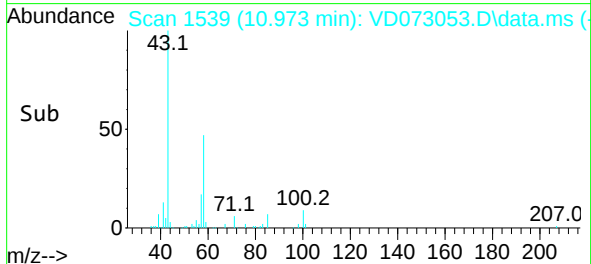
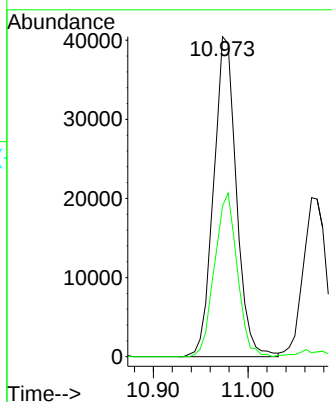
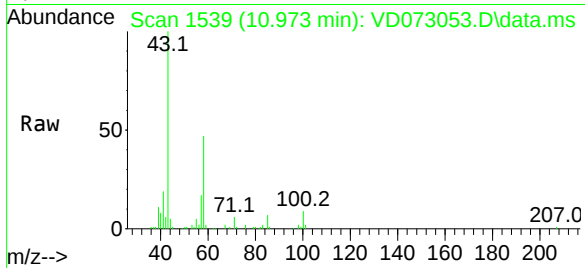




#59
2-Hexanone
Concen: 42.757 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

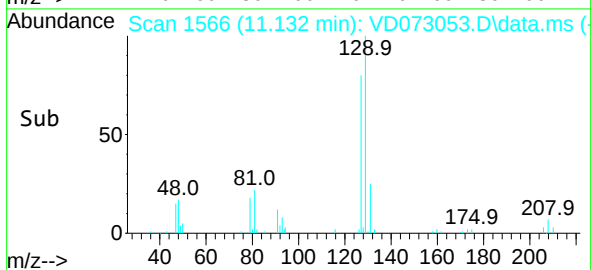
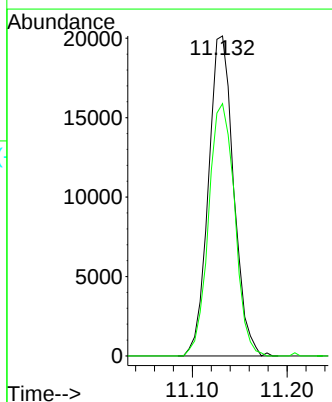
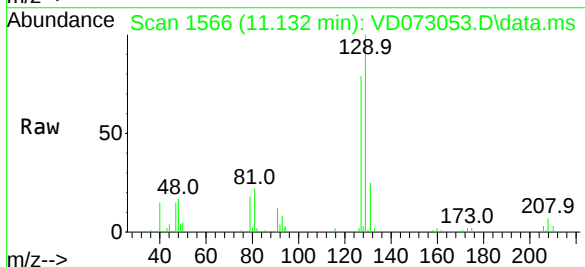
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

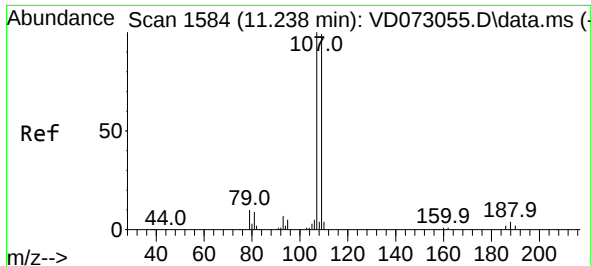
Tgt Ion: 43 Resp: 67545
Ion Ratio Lower Upper
43 100
58 51.0 25.3 75.9



#60
Dibromochloromethane
Concen: 9.621 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 129 Resp: 37235
Ion Ratio Lower Upper
129 100
127 81.5 39.2 117.6

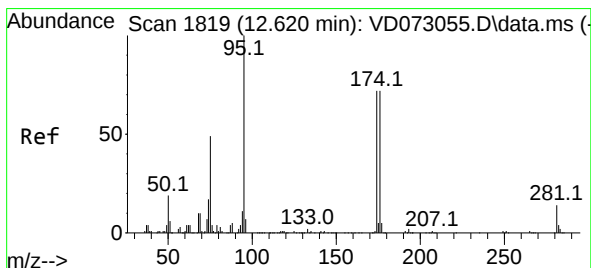
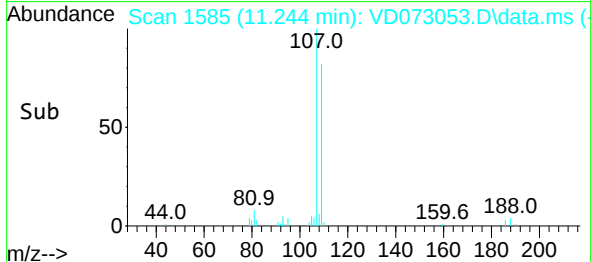
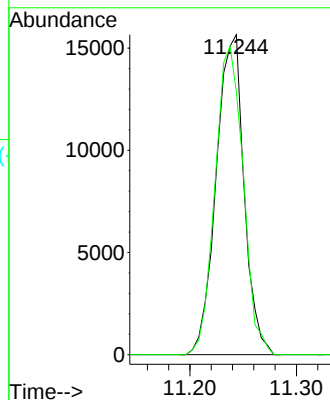
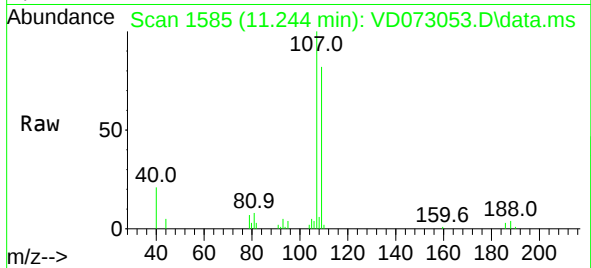




#61
1,2-Dibromoethane
Concen: 9.516 ug/l
RT: 11.244 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

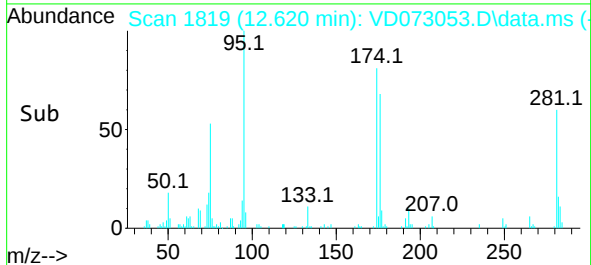
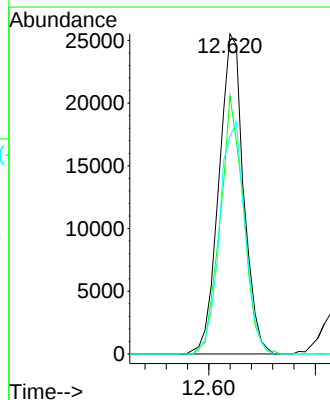
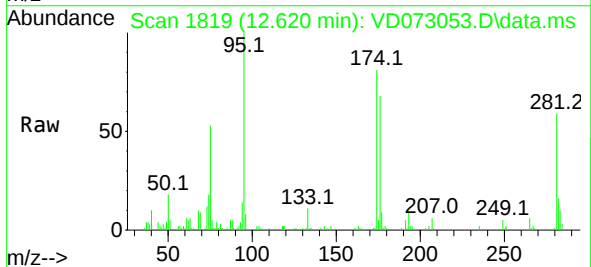
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

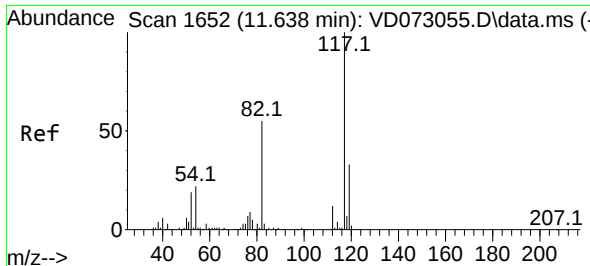
Tgt Ion:107 Resp: 28336
Ion Ratio Lower Upper
107 100
109 97.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 9.062 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 95 Resp: 40941
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 74.8 0.0 145.4

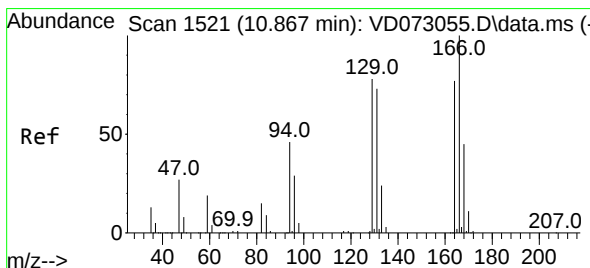
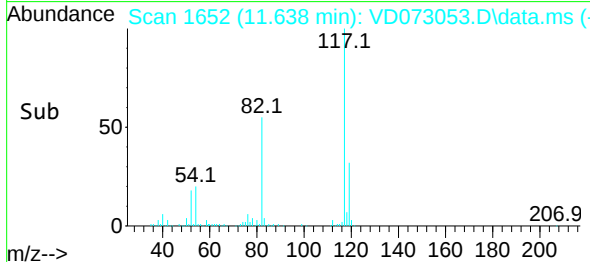
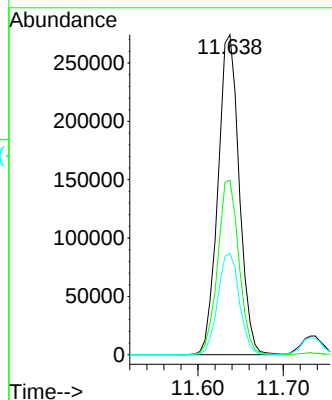
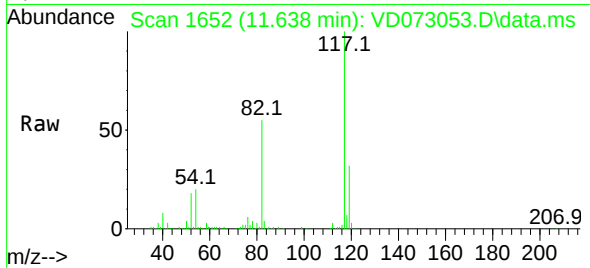




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

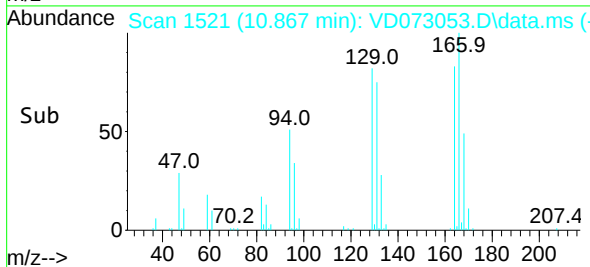
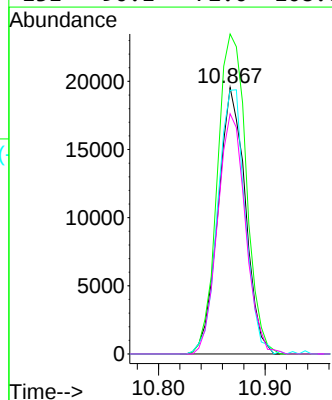
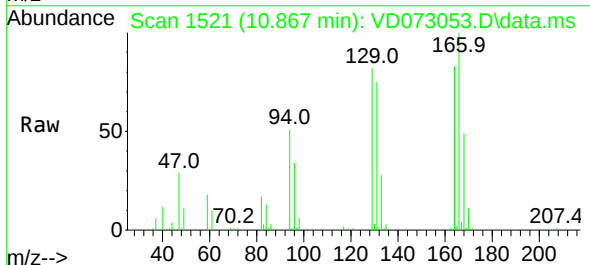
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

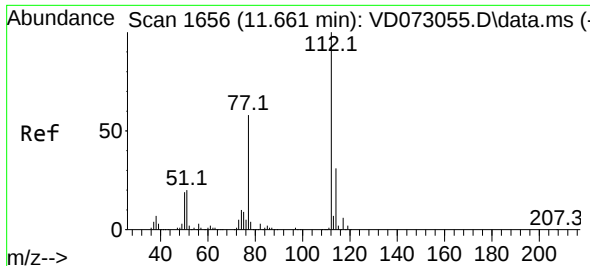
Tgt Ion:117 Resp: 475281
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 31.6 26.6 40.0



#64
Tetrachloroethene
Concen: 10.025 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion:164 Resp: 34545
Ion Ratio Lower Upper
164 100
166 120.1 98.5 147.7
129 98.9 74.6 111.8
131 90.1 72.0 108.0

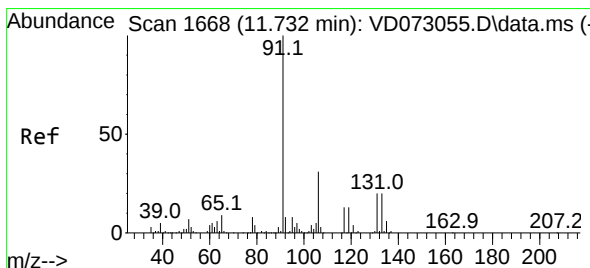
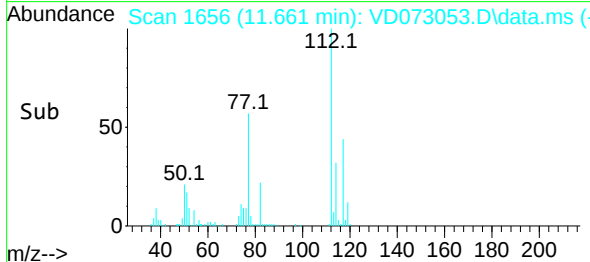
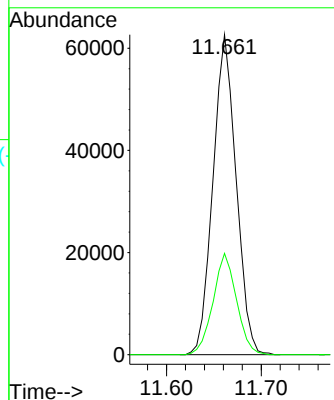
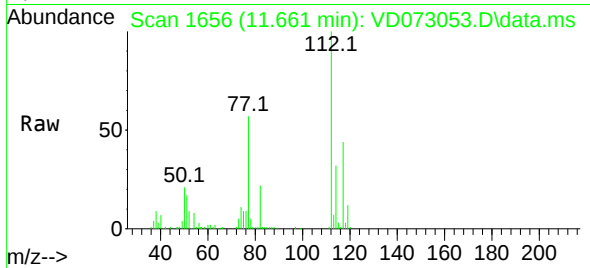




#65
Chlorobenzene
Concen: 9.782 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

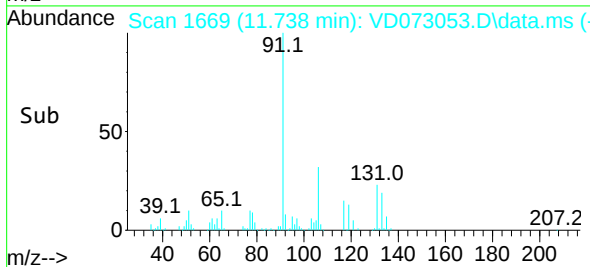
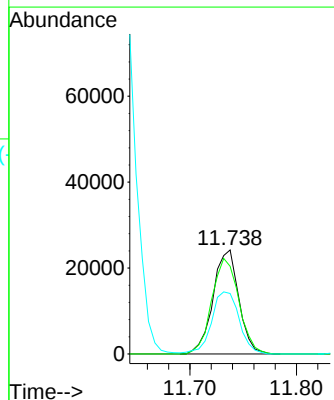
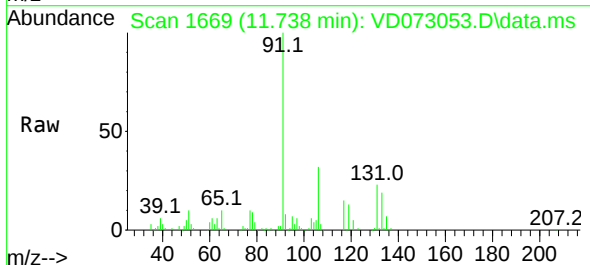
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

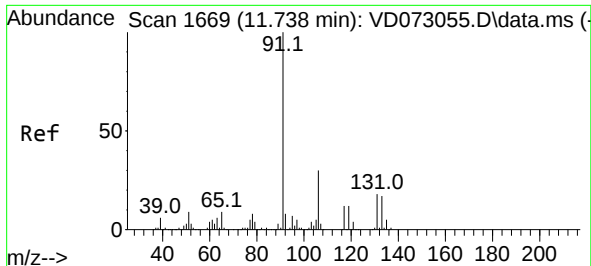
Tgt Ion:112 Resp: 106312
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 9.964 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion:131 Resp: 40630
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.3
119 63.9 31.9 95.9





#67

Ethyl Benzene

Concen: 9.306 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

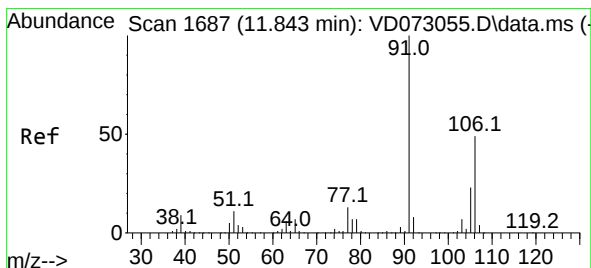
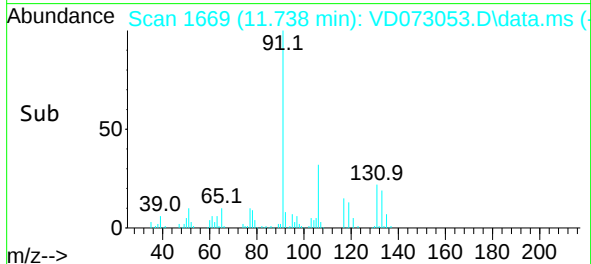
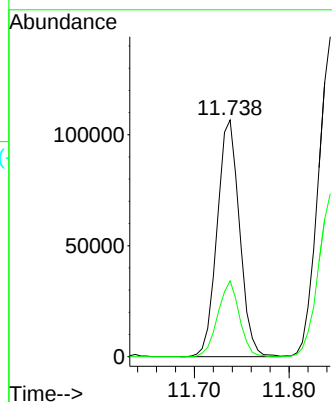
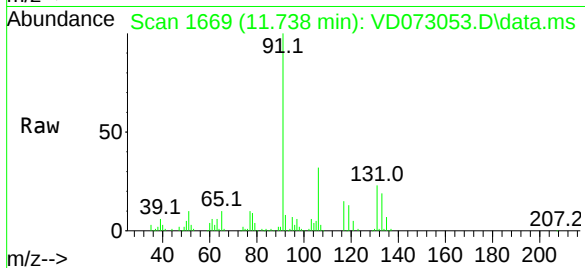
VSTDIC010

Tgt Ion: 91 Resp: 175224

Ion Ratio Lower Upper

91 100

106 32.0 24.2 36.4



#68

m/p-Xylenes

Concen: 18.717 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073053.D

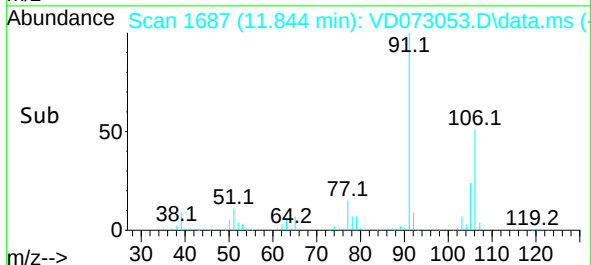
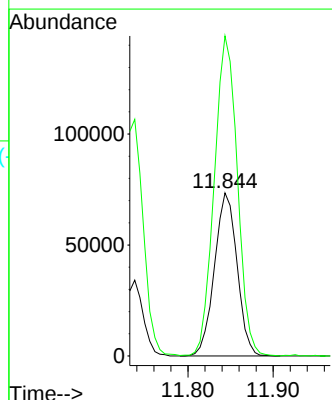
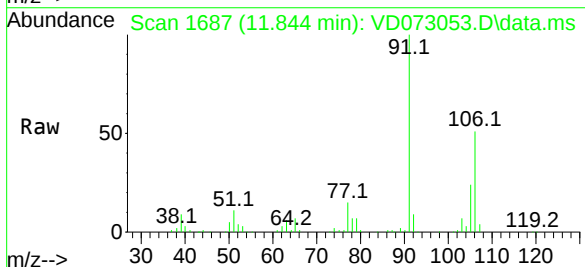
Acq: 17 May 2022 10:47

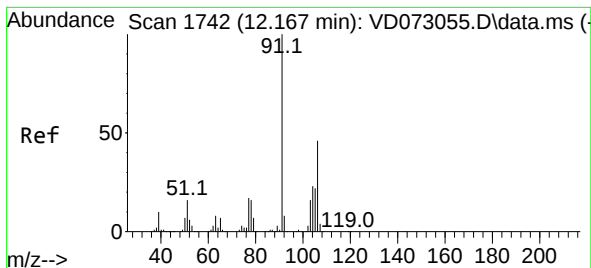
Tgt Ion: 106 Resp: 135400

Ion Ratio Lower Upper

106 100

91 201.0 163.7 245.5





#69

o-Xylene

Concen: 8.909 ug/l

RT: 12.173 min Scan# 1743

Delta R.T. 0.006 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

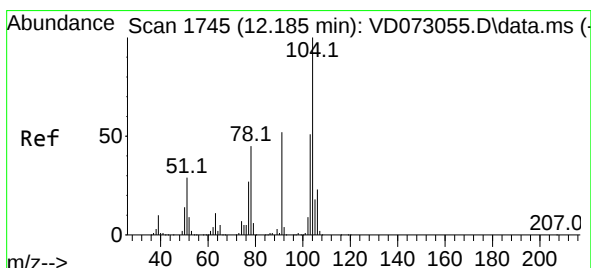
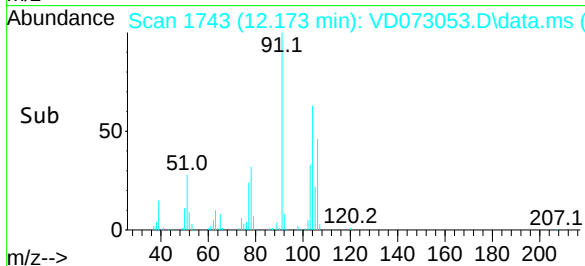
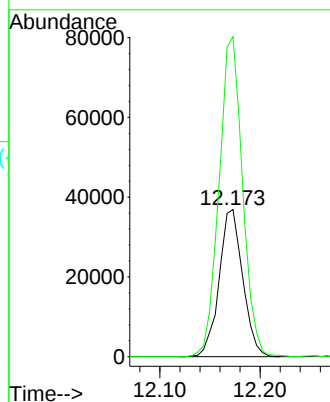
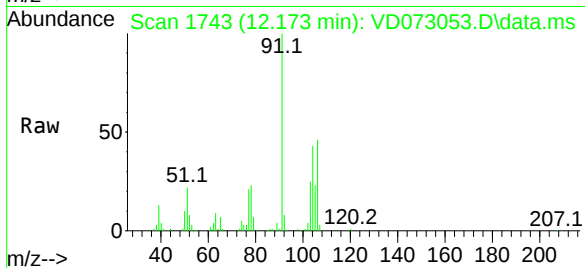
VSTDIC010

Tgt Ion:106 Resp: 60200

Ion Ratio Lower Upper

106 100

91 217.2 110.4 331.2



#70

Styrene

Concen: 9.094 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

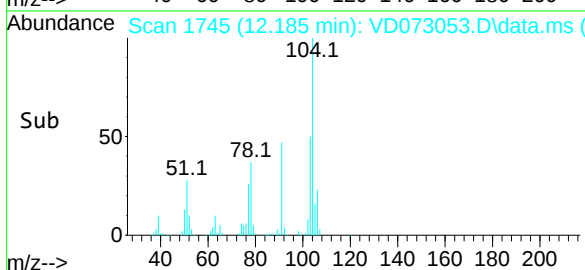
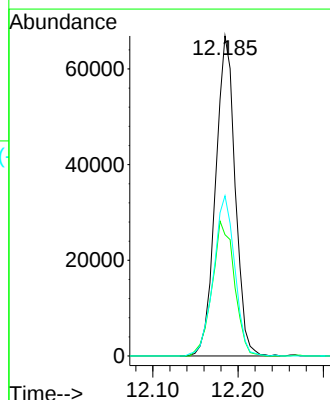
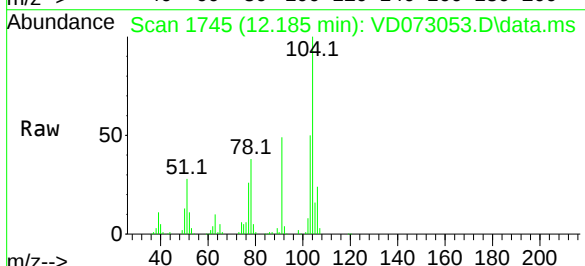
Tgt Ion:104 Resp: 106883

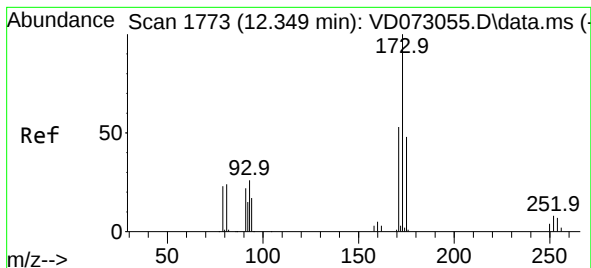
Ion Ratio Lower Upper

104 100

78 47.5 41.8 62.8

103 54.2 44.2 66.4





#71

Bromoform

Concen: 9.616 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

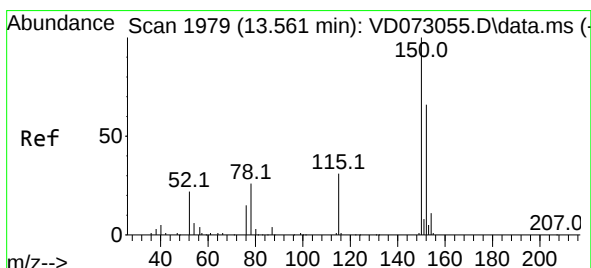
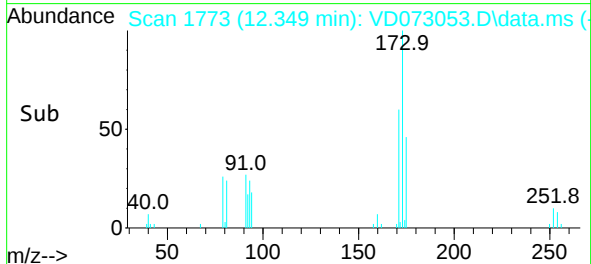
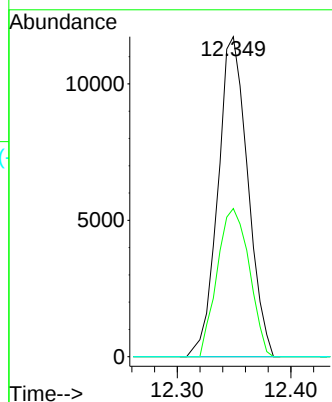
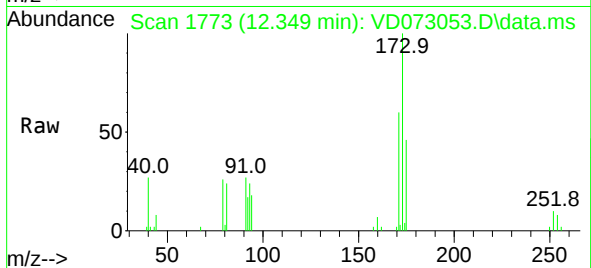
Tgt Ion:173 Resp: 21359

Ion Ratio Lower Upper

173 100

175 49.8 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: VD073053.D

Acq: 17 May 2022 10:47

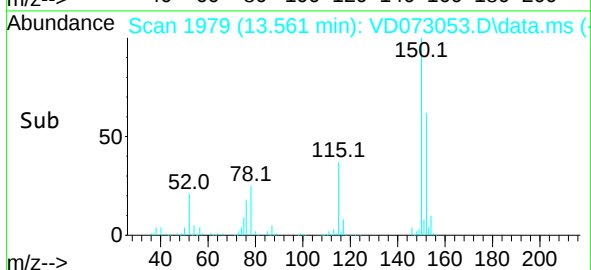
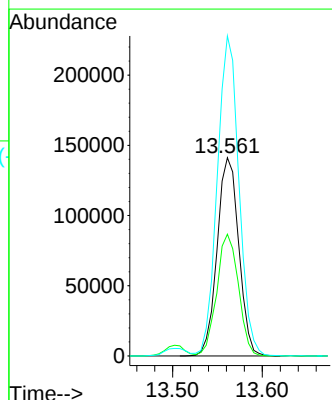
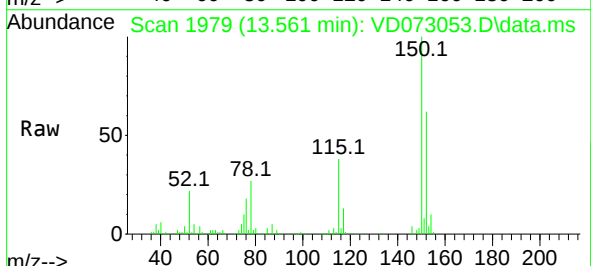
Tgt Ion:152 Resp: 236441

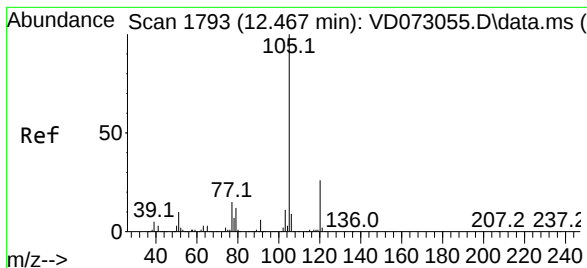
Ion Ratio Lower Upper

152 100

115 61.5 31.3 93.8

150 161.6 0.0 348.6





#73

Isopropylbenzene

Concen: 8.775 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

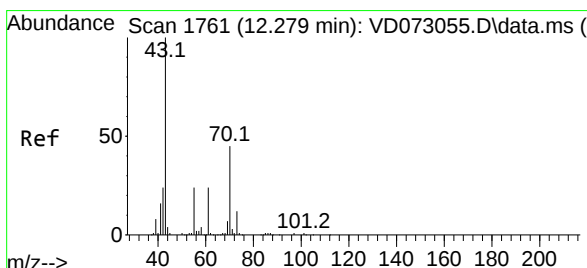
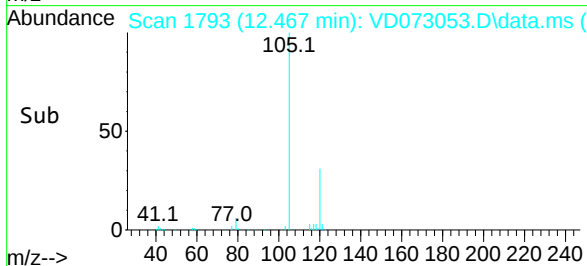
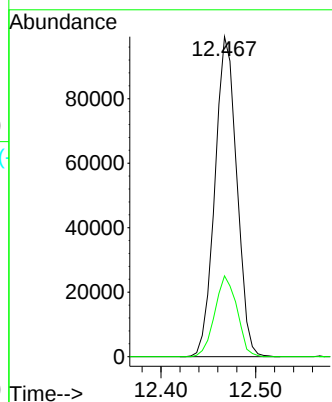
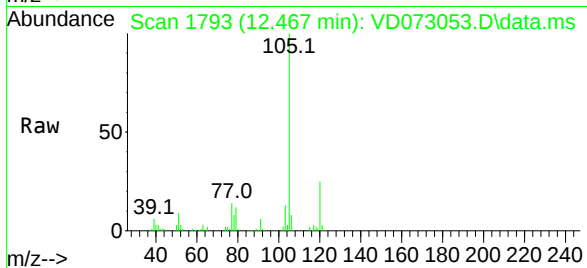
VSTDICC010

Tgt Ion:105 Resp: 159609

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9



#74

N-ethyl acetate

Concen: 8.149 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Tgt Ion: 43 Resp: 36767

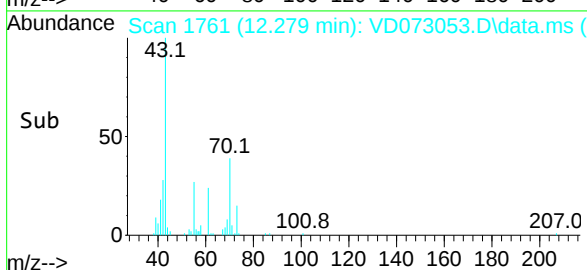
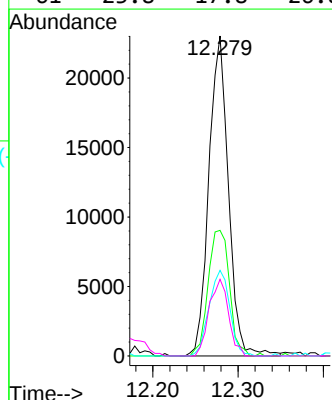
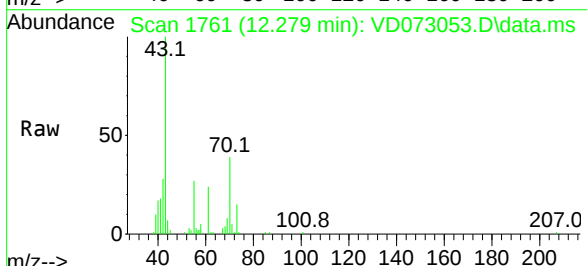
Ion Ratio Lower Upper

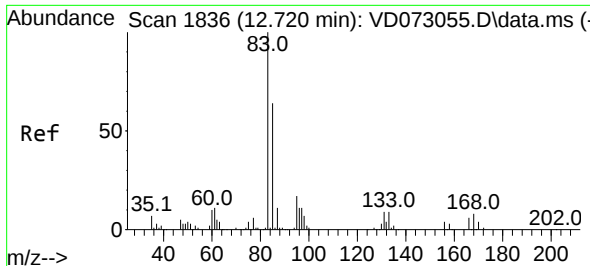
43 100

70 42.7 31.3 46.9

55 28.3 20.0 30.0

61 23.8 17.8 26.8

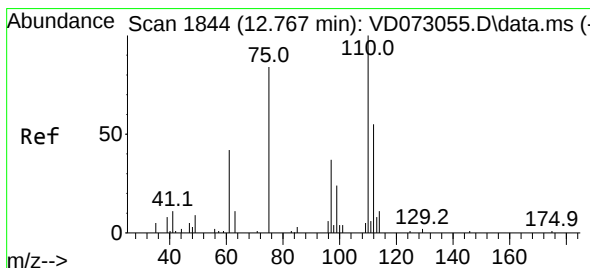
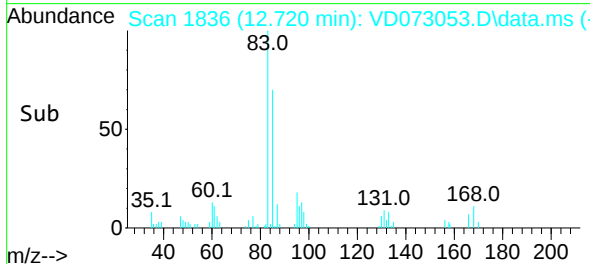
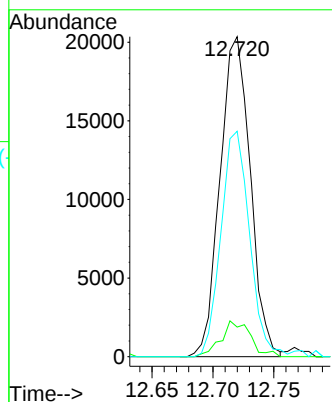
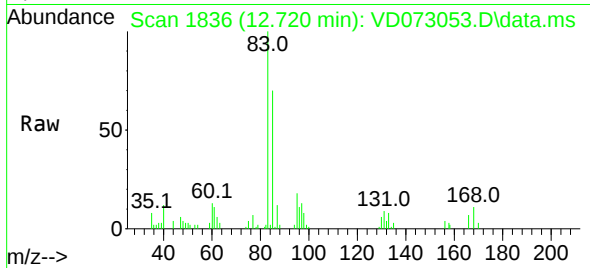




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.529 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

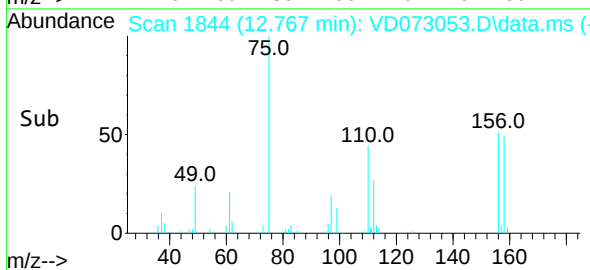
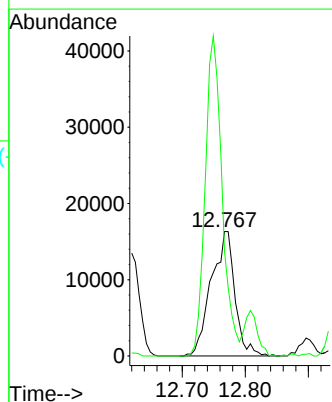
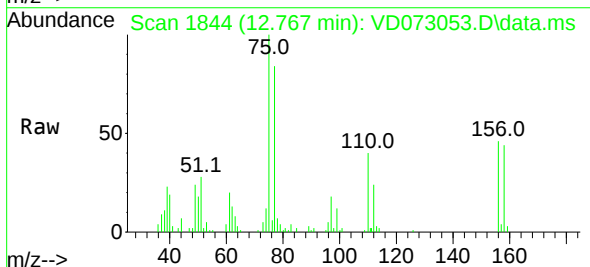
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

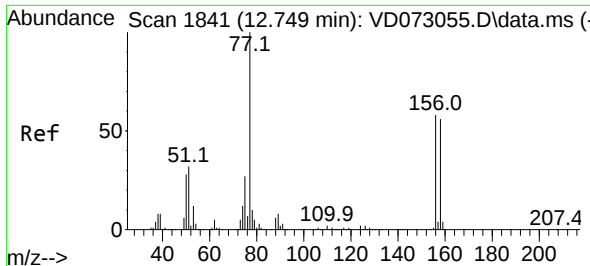
Tgt Ion: 83 Resp: 35212
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.0 14.9
 85 67.7 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 16.327 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

Tgt Ion: 75 Resp: 42534
 Ion Ratio Lower Upper
 75 100
 77 183.8 0.0 0.0#

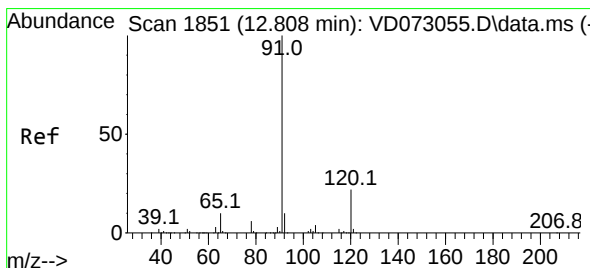
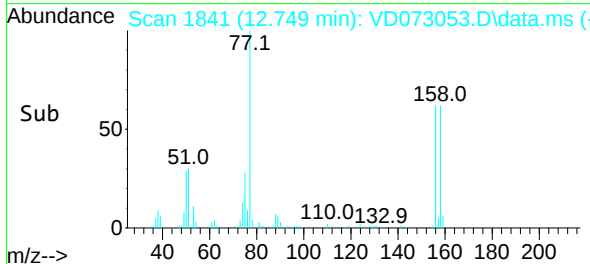
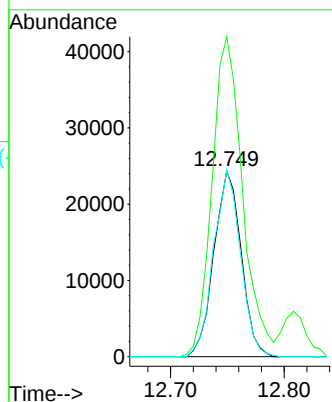
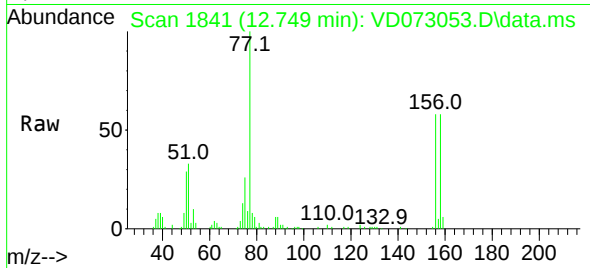




#77
Bromobenzene
Concen: 9.352 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

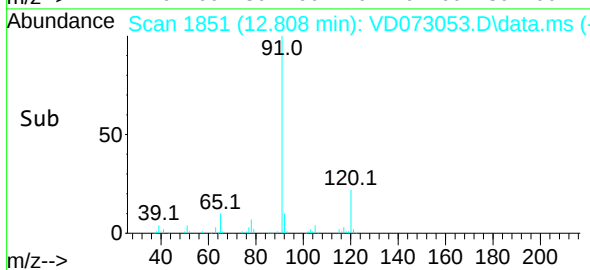
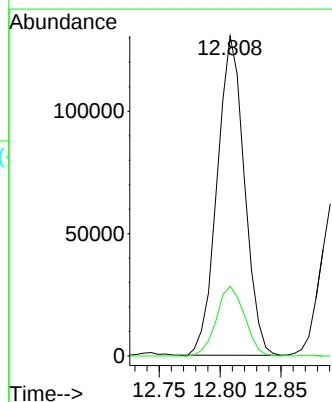
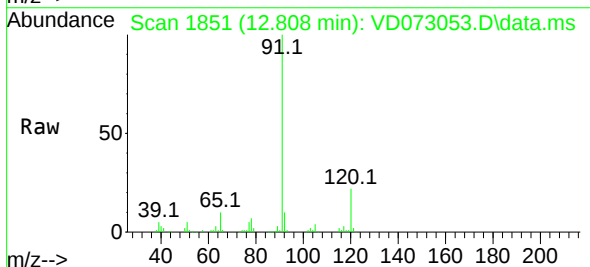
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

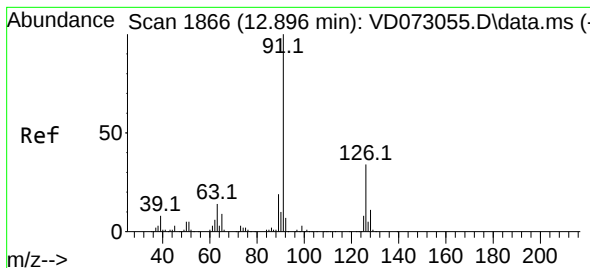
Tgt Ion:156 Resp: 40608
Ion Ratio Lower Upper
156 100
77 192.5 102.8 308.3
158 99.2 48.7 146.1



#78
n-propylbenzene
Concen: 8.863 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 91 Resp: 203064
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 8.921 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

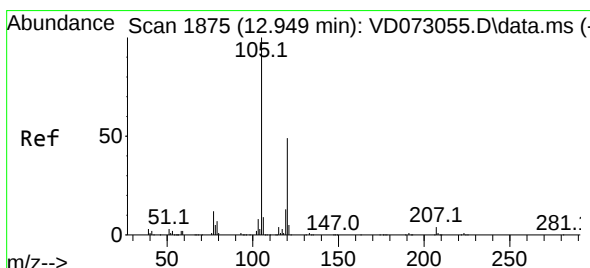
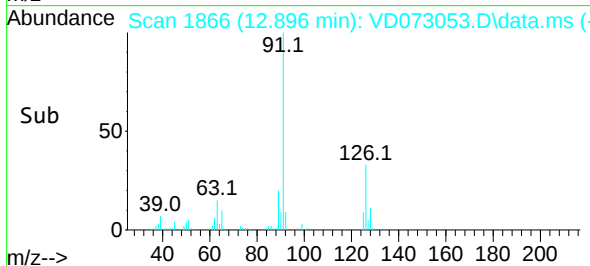
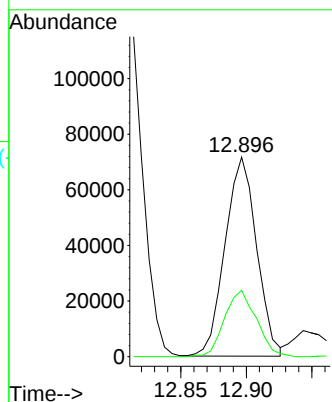
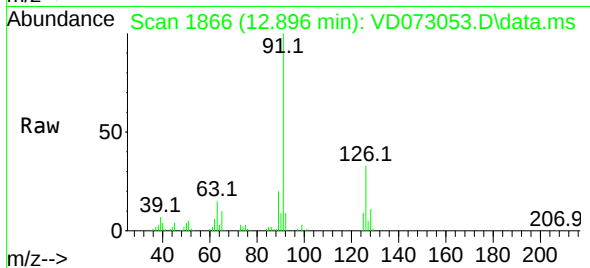
VSTDIC010

Tgt Ion: 91 Resp: 119807

Ion Ratio Lower Upper

91 100

126 33.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 9.035 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073053.D

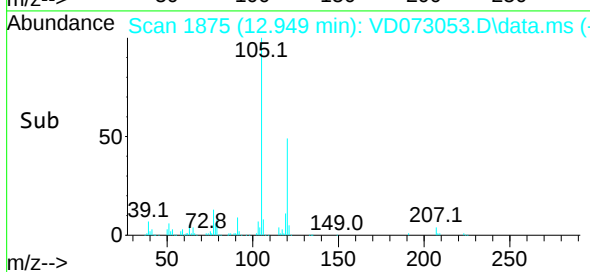
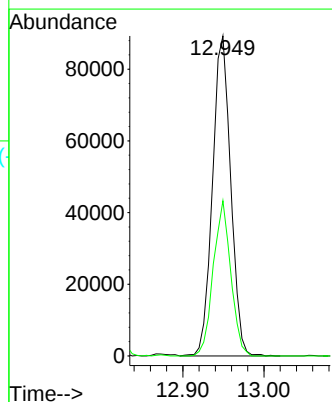
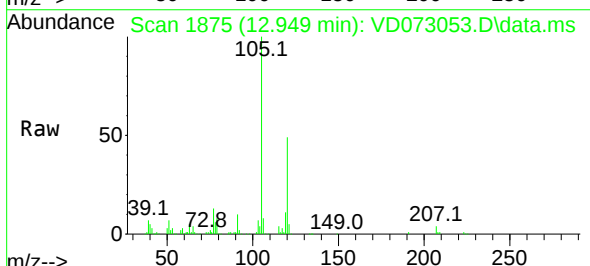
Acq: 17 May 2022 10:47

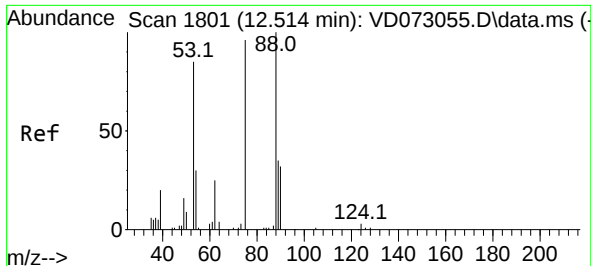
Tgt Ion: 105 Resp: 139220

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.8

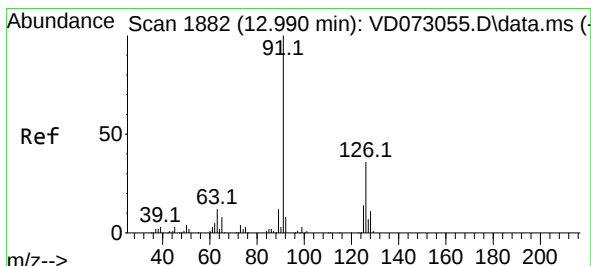
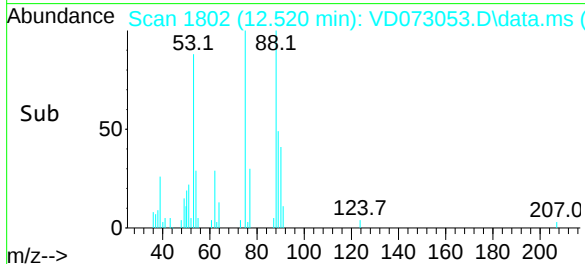
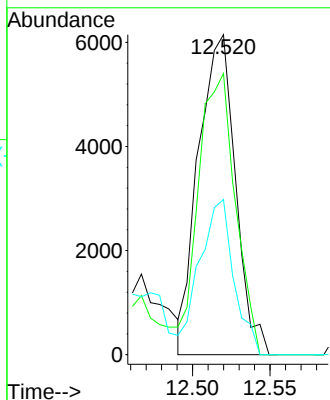
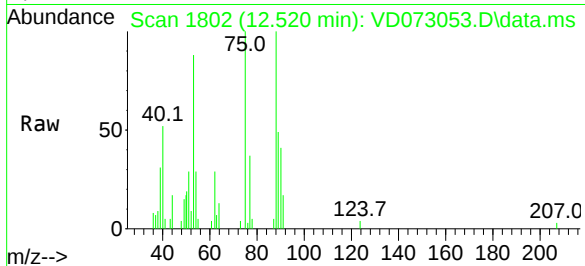




#81
trans-1,4-Dichloro-2-butene
Concen: 8.969 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

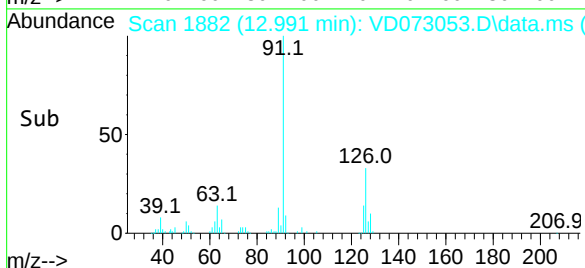
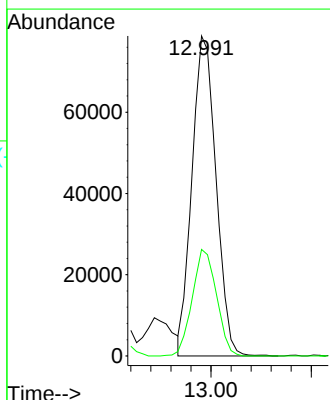
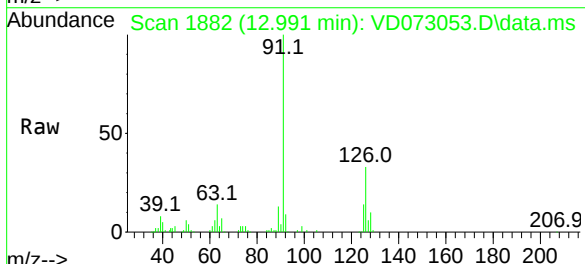
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

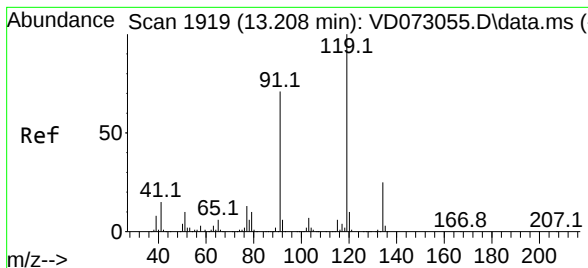
Tgt Ion: 75 Resp: 10197
Ion Ratio Lower Upper
75 100
53 89.0 86.5 129.7
89 44.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 9.356 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 91 Resp: 131195
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5





#83

tert-Butylbenzene

Concen: 8.815 ug/l

RT: 13.214 min Scan# 1919

Delta R.T. 0.006 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

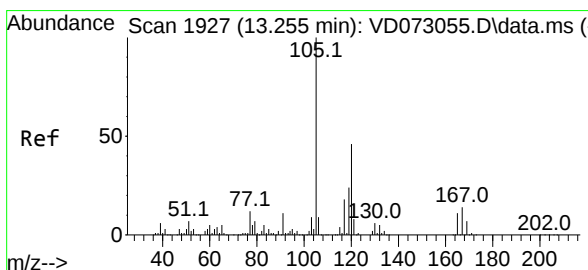
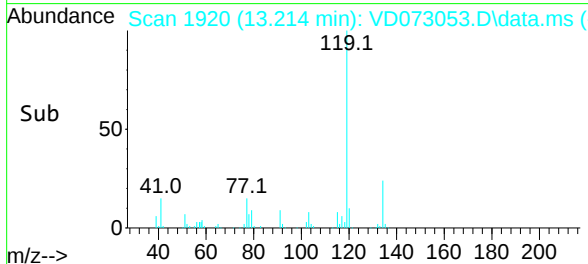
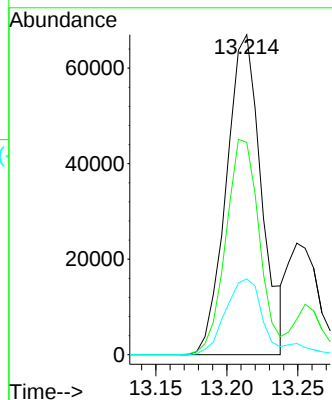
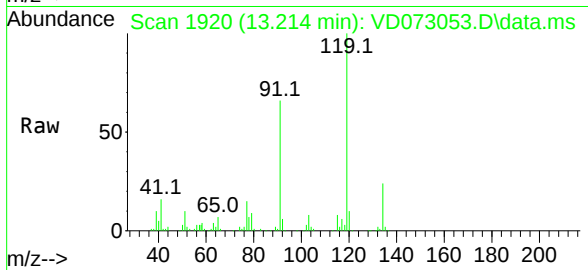
Tgt Ion:119 Resp: 115425

Ion Ratio Lower Upper

119 100

91 64.2 34.8 104.5

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 8.993 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073053.D

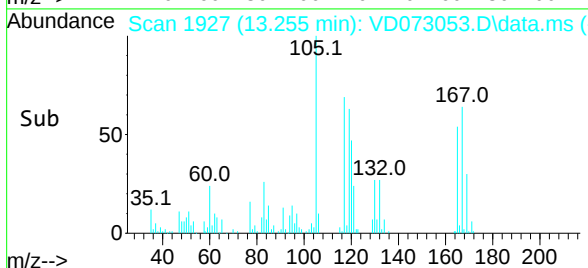
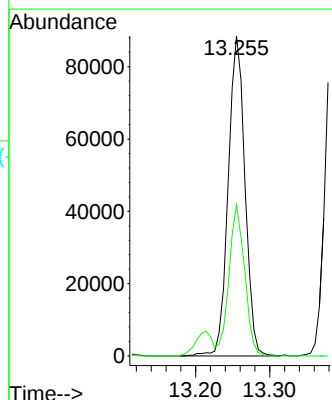
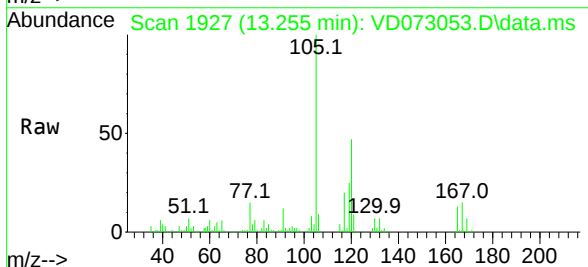
Acq: 17 May 2022 10:47

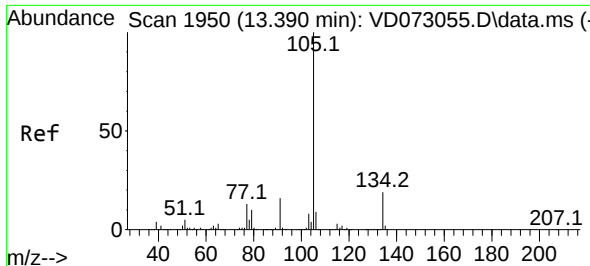
Tgt Ion:105 Resp: 138849

Ion Ratio Lower Upper

105 100

120 44.2 22.3 66.8

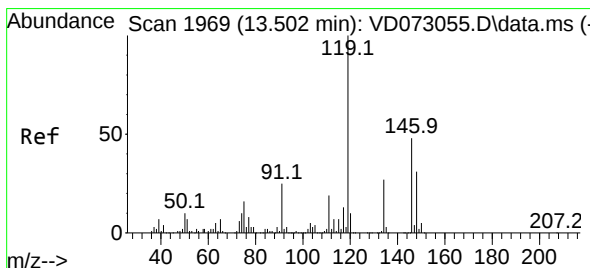
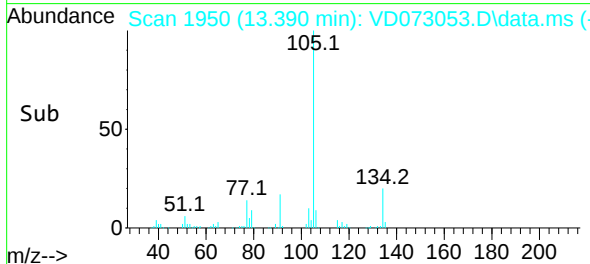
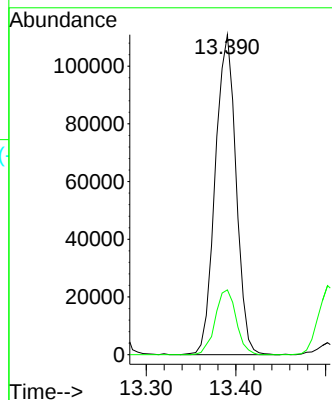
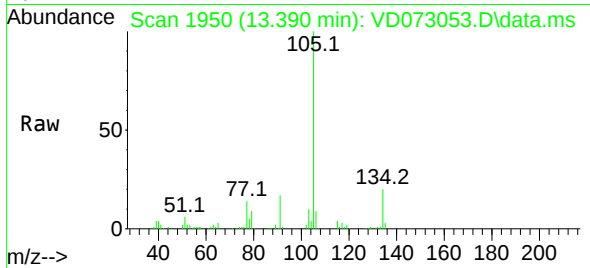




#85
 sec-Butylbenzene
 Concen: 9.045 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

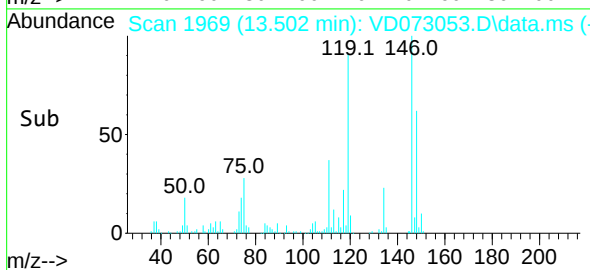
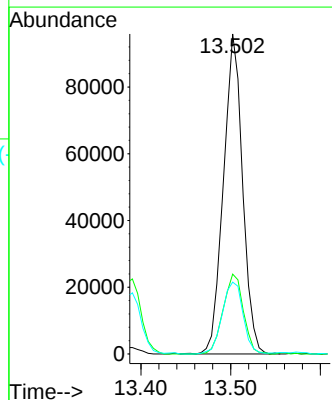
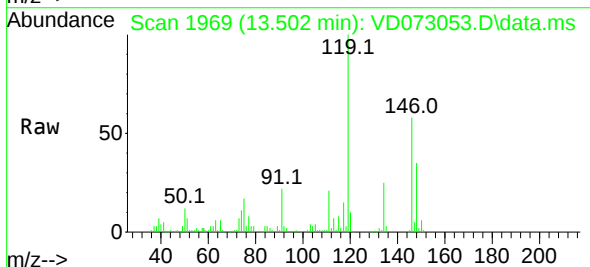
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

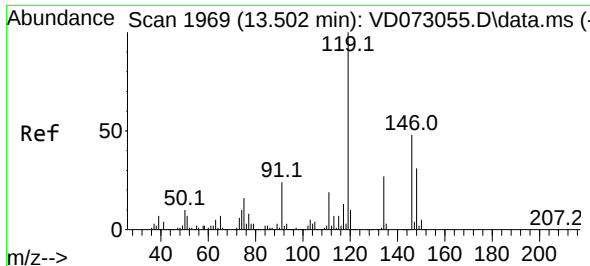
Tgt Ion:105 Resp: 178537
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 8.766 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

Tgt Ion:119 Resp: 142043
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 9.875 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

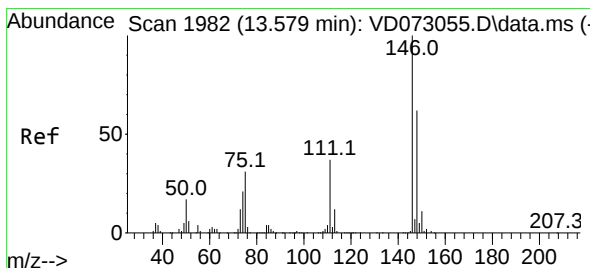
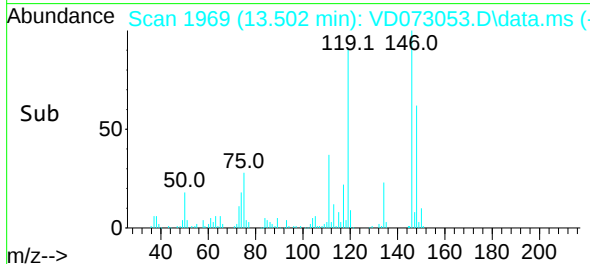
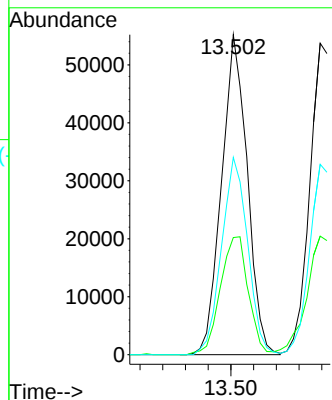
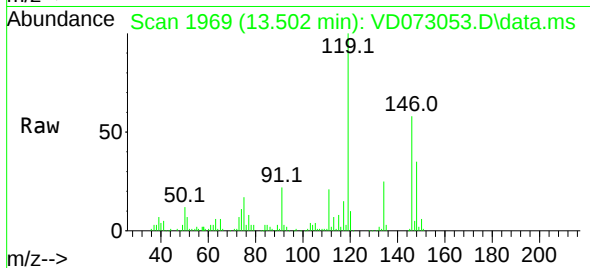
Tgt Ion:146 Resp: 86739

Ion Ratio Lower Upper

146 100

111 40.1 20.4 61.3

148 62.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 10.123 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

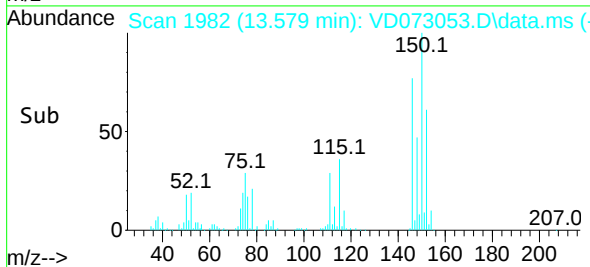
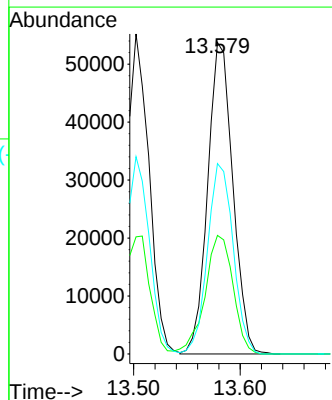
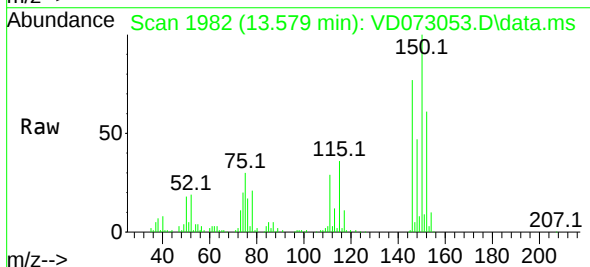
Tgt Ion:146 Resp: 88331

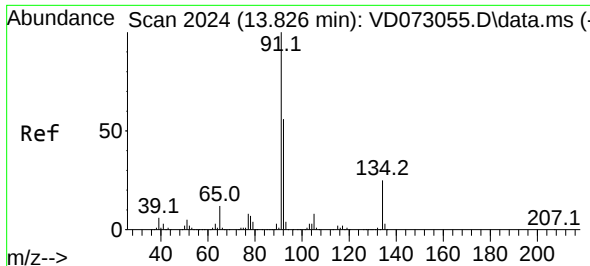
Ion Ratio Lower Upper

146 100

111 42.5 20.3 60.9

148 62.4 31.7 95.1

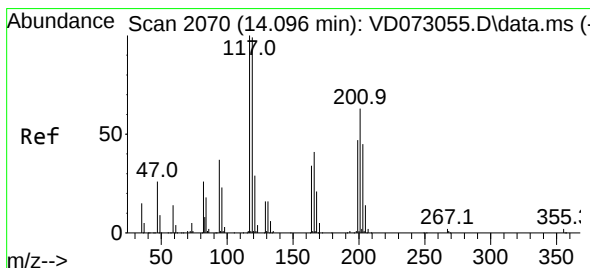
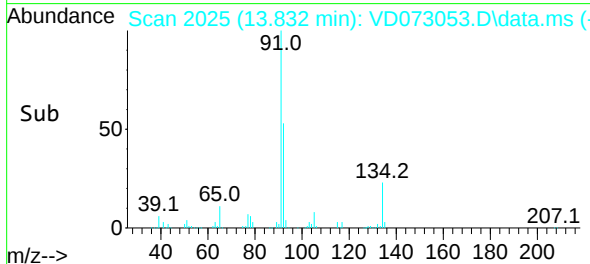
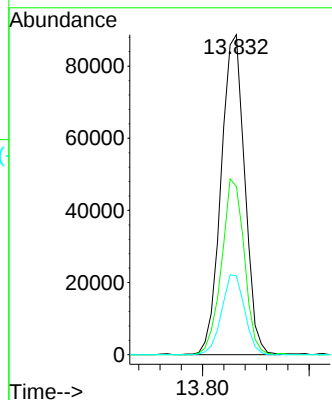
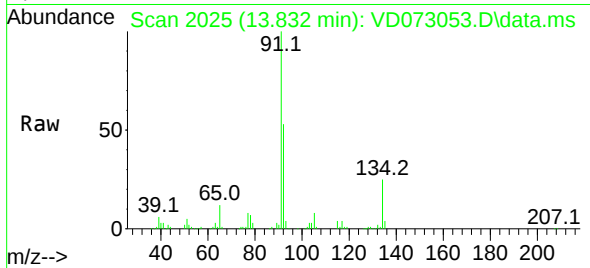




#89
n-Butylbenzene
Concen: 8.714 ug/l
RT: 13.832 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

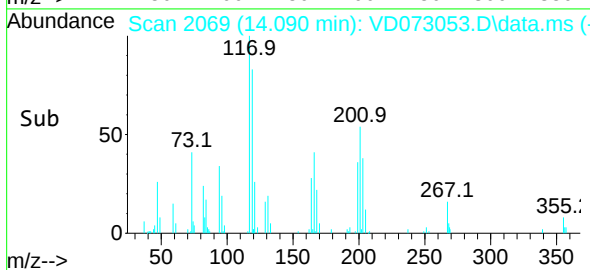
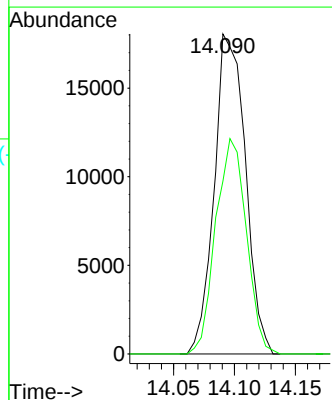
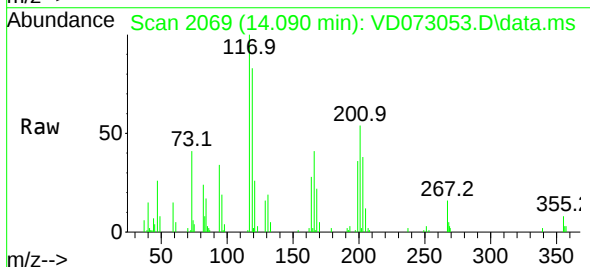
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

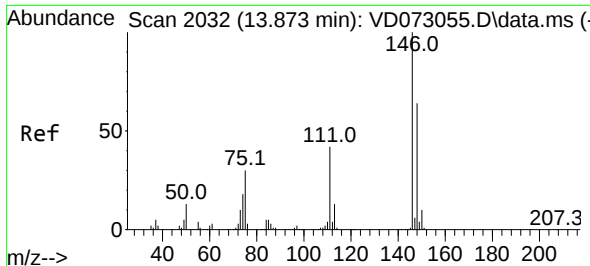
Tgt Ion: 91 Resp: 136649
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.8
134 24.3 12.3 36.9



#90
Hexachloroethane
Concen: 9.654 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 117 Resp: 32124
Ion Ratio Lower Upper
117 100
201 66.3 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 9.724 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

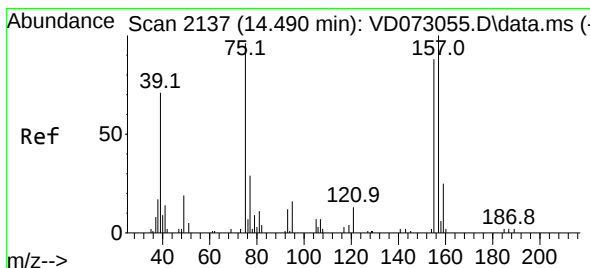
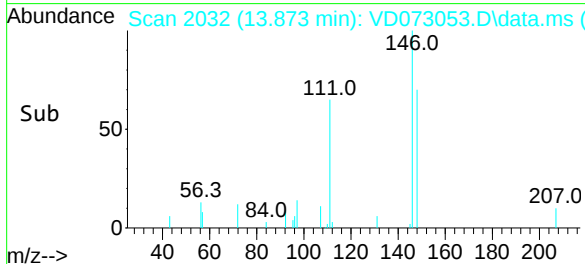
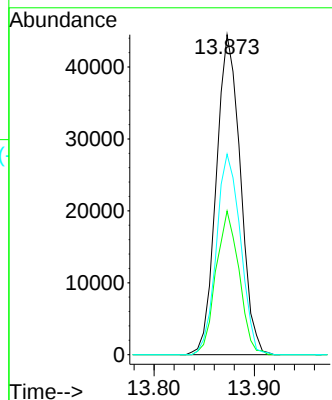
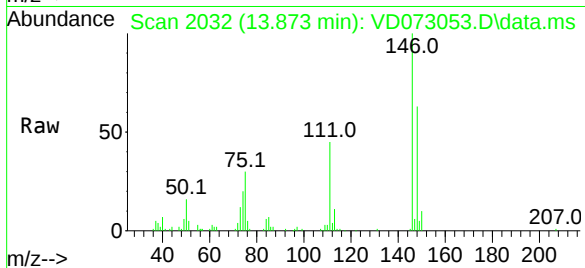
Tgt Ion:146 Resp: 74167

Ion Ratio Lower Upper

146 100

111 43.2 21.1 63.3

148 62.9 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.860 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

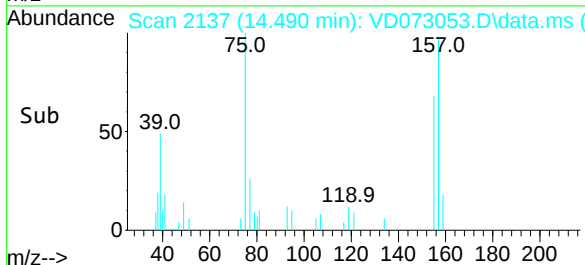
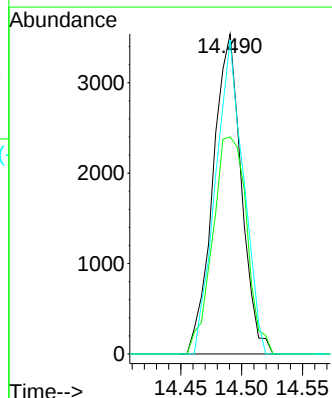
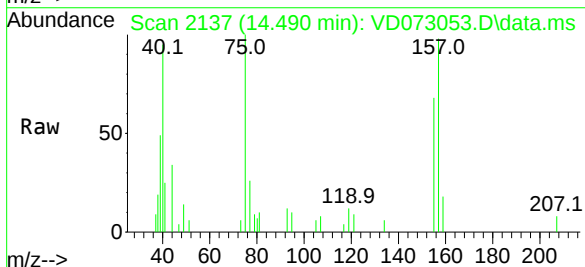
Tgt Ion: 75 Resp: 5739

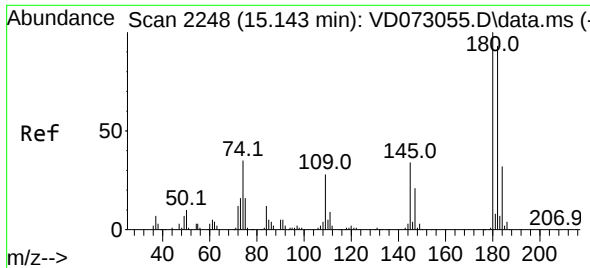
Ion Ratio Lower Upper

75 100

155 81.2 36.8 110.3

157 96.5 48.4 145.0

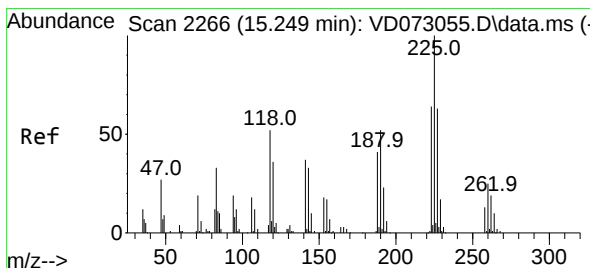
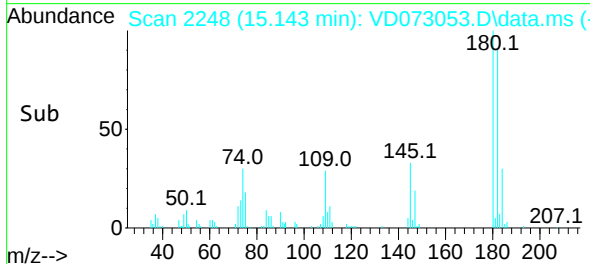
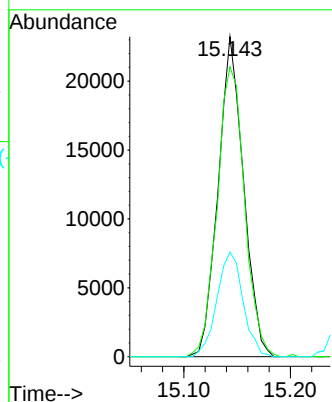
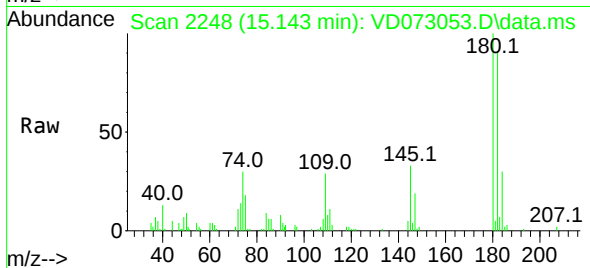




#93
1,2,4-Trichlorobenzene
Concen: 8.548 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

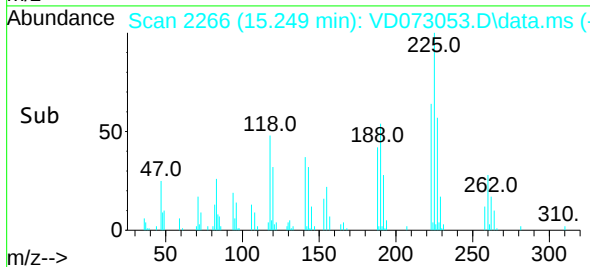
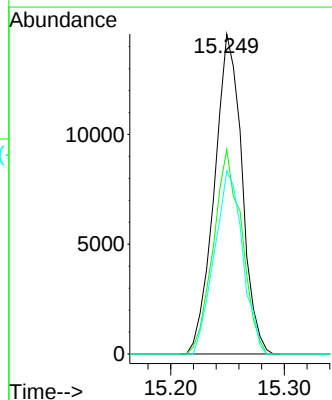
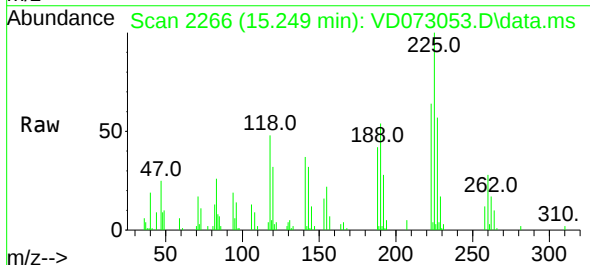
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

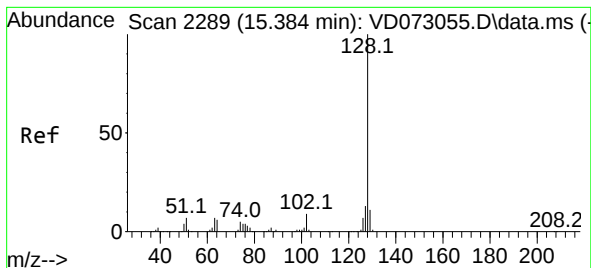
Tgt Ion:180 Resp: 38348
Ion Ratio Lower Upper
180 100
182 98.1 47.3 142.0
145 33.7 16.2 48.5



#94
Hexachlorobutadiene
Concen: 10.011 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion:225 Resp: 24587
Ion Ratio Lower Upper
225 100
223 65.4 31.1 93.2
227 58.8 32.4 97.0





#95

Naphthalene

Concen: 7.894 ug/l

RT: 15.384 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

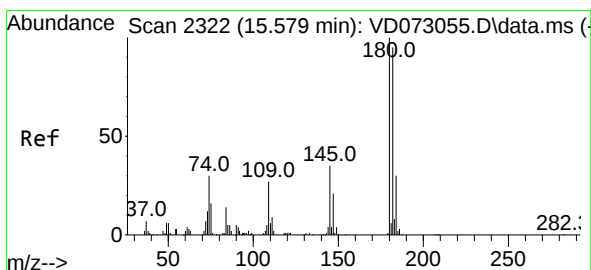
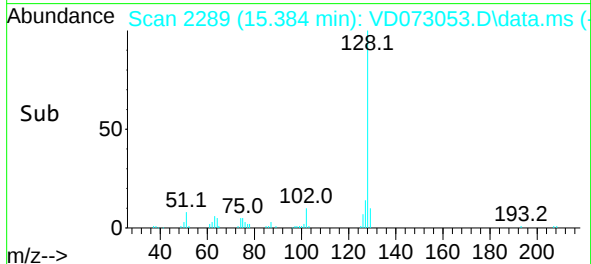
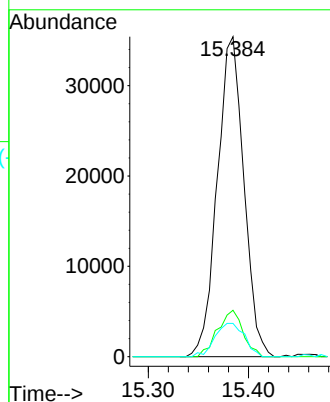
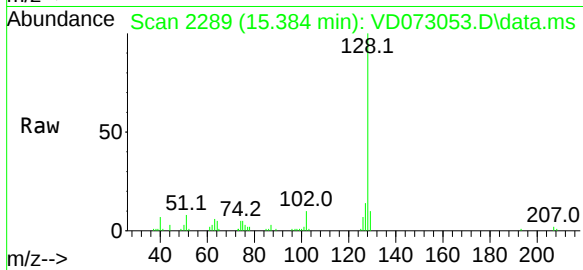
Tgt Ion:128 Resp: 65032

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 11.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 9.023 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Tgt Ion:180 Resp: 35856

Ion Ratio Lower Upper

180 100

182 91.6 47.6 142.9

145 34.6 17.1 51.3

