

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073164.D
 Acq On : 20 May 2022 03:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 20 04:27:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	298773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	518197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	497977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240298	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179205	54.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.540%	
35) Dibromofluoromethane	7.908	113	179866	52.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.200%	
50) Toluene-d8	10.332	98	681695	54.082	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.160%	
62) 4-Bromofluorobenzene	12.620	95	237954	53.793	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.580%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	124570	41.726	ug/l	100
3) Chloromethane	2.209	50	157550	46.670	ug/l	95
4) Vinyl Chloride	2.344	62	138718	44.938	ug/l	99
5) Bromomethane	2.762	94	104062	52.811	ug/l	93
6) Chloroethane	2.915	64	92594	48.794	ug/l	98
7) Trichlorofluoromethane	3.267	101	256570	47.005	ug/l	97
8) Diethyl Ether	3.709	74	82584	55.061	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	150030	46.067	ug/l	95
10) Methyl Iodide	4.297	142	176331	50.184	ug/l	98
11) Tert butyl alcohol	5.214	59	64668	126.235	ug/l #	88
12) 1,1-Dichloroethene	4.062	96	144968	48.281	ug/l	90
13) Acrolein	3.920	56	49407	243.777	ug/l	98
14) Allyl chloride	4.709	41	242997	50.137	ug/l	91
15) Acrylonitrile	5.420	53	200556	292.420	ug/l	96
16) Acetone	4.156	43	147691	258.239	ug/l	97
17) Carbon Disulfide	4.403	76	483612	48.586	ug/l	99
18) Methyl Acetate	4.714	43	87095	54.765	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	388019	56.725	ug/l	98
20) Methylene Chloride	4.956	84	209617	58.459	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	188364	51.885	ug/l	90
22) Diisopropyl ether	6.361	45	572206	56.319	ug/l	94
23) Vinyl Acetate	6.303	43	1562562	288.329	ug/l	95
24) 1,1-Dichloroethane	6.256	63	341377	52.346	ug/l	99
25) 2-Butanone	7.208	43	238441	284.965	ug/l	95
26) 2,2-Dichloropropane	7.197	77	246886	44.391	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	218486	54.390	ug/l	88
28) Bromochloromethane	7.538	49	125703	55.949	ug/l #	82
29) Tetrahydrofuran	7.555	42	156368	289.009	ug/l	91
30) Chloroform	7.703	83	365983	53.754	ug/l	97
31) Cyclohexane	7.979	56	259957	45.053	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	295389	49.605	ug/l	98
36) 1,1-Dichloropropene	8.108	75	250202	48.652	ug/l	95
37) Ethyl Acetate	7.285	43	113338	55.795	ug/l	95
38) Carbon Tetrachloride	8.091	117	251363	48.218	ug/l	99
39) Methylcyclohexane	9.350	83	273516	47.723	ug/l	94
40) Benzene	8.344	78	770310	51.973	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	66962	56.578	ug/l	91
42) 1,2-Dichloroethane	8.414	62	224074	54.334	ug/l	97
43) Isopropyl Acetate	8.444	43	209515	55.801	ug/l #	91
44) Trichloroethene	9.108	130	201050	50.868	ug/l	95
45) 1,2-Dichloropropane	9.385	63	200842	53.808	ug/l	96
46) Dibromomethane	9.467	93	111721	54.498	ug/l	97
47) Bromodichloromethane	9.655	83	282330	53.825	ug/l	99
48) Methyl methacrylate	9.450	41	106054	56.142	ug/l	87
49) 1,4-Dioxane	9.461	88	23938	1130.724	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	571610	293.118	ug/l	96
52) Toluene	10.397	92	504640	53.880	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	251737	53.123	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	295861	52.173	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	153810	55.484	ug/l	97
56) Ethyl methacrylate	10.655	69	183001	59.374	ug/l	85
57) 1,3-Dichloropropane	10.938	76	259304	55.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	358302	245.141	ug/l	95
59) 2-Hexanone	10.973	43	388188	301.933	ug/l	95
60) Dibromochloromethane	11.132	129	189099	54.706	ug/l	100
61) 1,2-Dibromoethane	11.238	107	147612	55.724	ug/l	100
64) Tetrachloroethene	10.867	164	157706	48.352	ug/l	95
65) Chlorobenzene	11.661	112	534784	52.348	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	200185	52.836	ug/l	97
67) Ethyl Benzene	11.732	91	934361	52.101	ug/l	100
68) m/p-Xylenes	11.843	106	745092	106.939	ug/l	96
69) o-Xylene	12.173	106	342348	53.486	ug/l	97
70) Styrene	12.185	104	606144	55.043	ug/l	97
71) Bromoform	12.349	173	108773	55.782	ug/l #	100
73) Isopropylbenzene	12.467	105	884933	51.658	ug/l	100
74) N-amyl acetate	12.279	43	209132	55.961	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	173077	54.781	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	211160	89.560	ug/l #	100
77) Bromobenzene	12.749	156	208756	51.767	ug/l	96
78) n-propylbenzene	12.808	91	1101693	51.227	ug/l	99
79) 2-Chlorotoluene	12.896	91	645367	51.973	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	764535	52.685	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	51938	52.884	ug/l	89
82) 4-Chlorotoluene	12.990	91	686745	52.764	ug/l	99
83) tert-Butylbenzene	13.208	119	617943	50.526	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	773219	53.936	ug/l	99
85) sec-Butylbenzene	13.390	105	940307	50.353	ug/l	99
86) p-Isopropyltoluene	13.502	119	782717	51.418	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	416346	51.222	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	415072	50.587	ug/l	99
89) n-Butylbenzene	13.826	91	725494	50.019	ug/l	100
90) Hexachloroethane	14.096	117	157500	50.003	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	366712	52.143	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	25554	52.816	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	208420	52.200	ug/l	98
94) Hexachlorobutadiene	15.249	225	108152	48.069	ug/l	97
95) Naphthalene	15.384	128	406659	51.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	189024	53.402	ug/l	98

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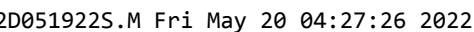
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MSVOA_D
ClientSampleId :
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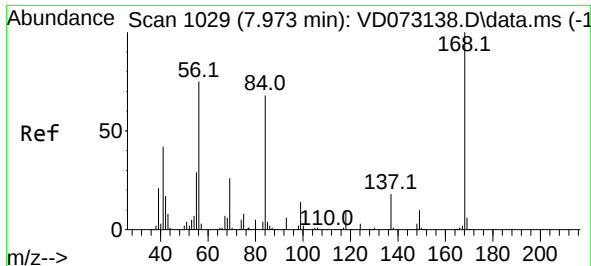
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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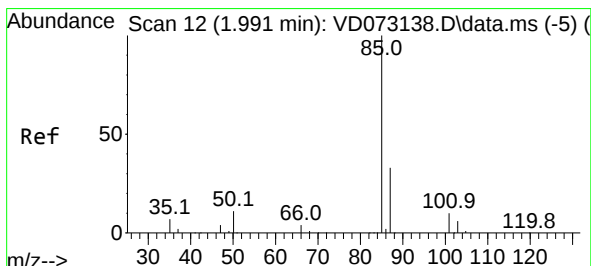
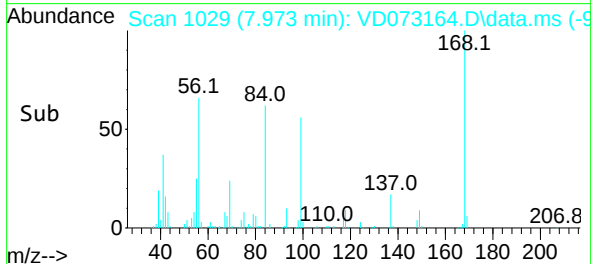
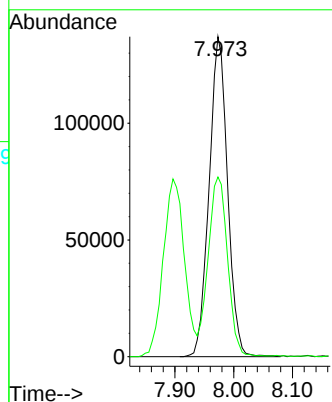
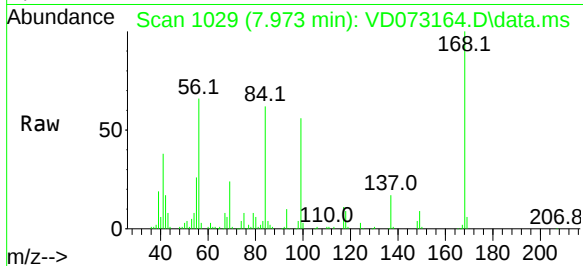




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073164.D
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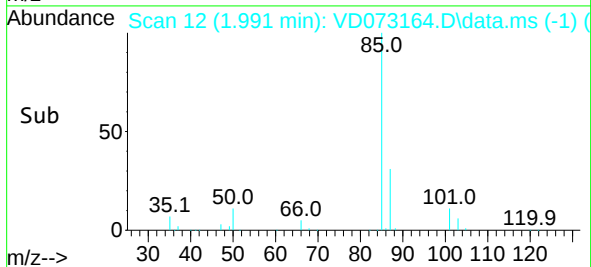
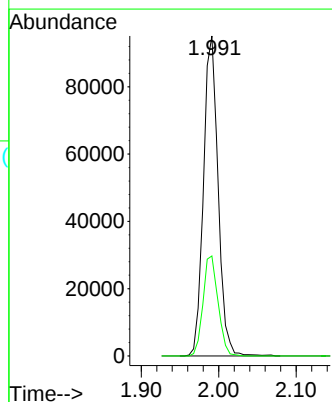
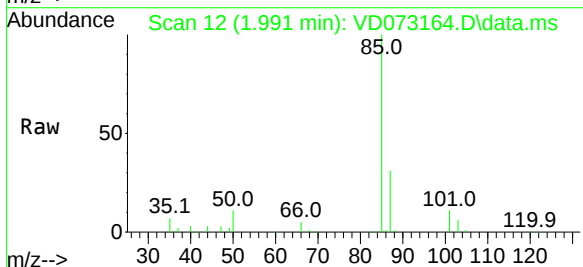
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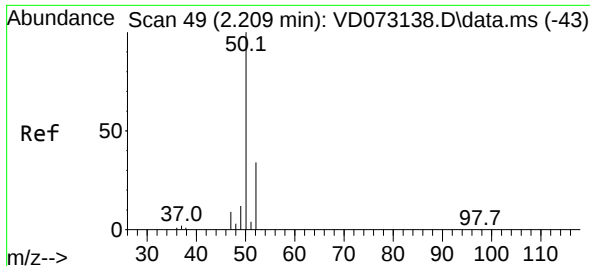
Tgt Ion:168 Resp: 298773
Ion Ratio Lower Upper
168 100
99 56.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 41.726 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 85 Resp: 124570
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0

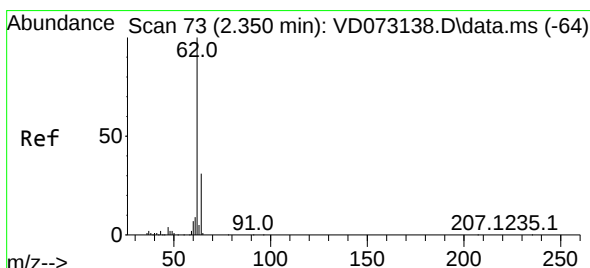
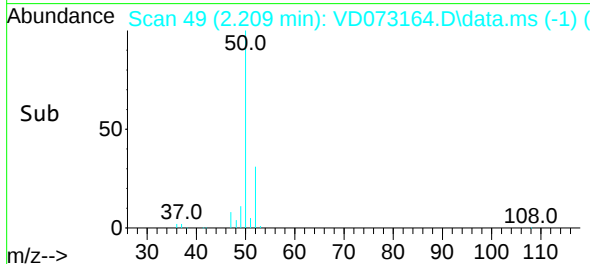
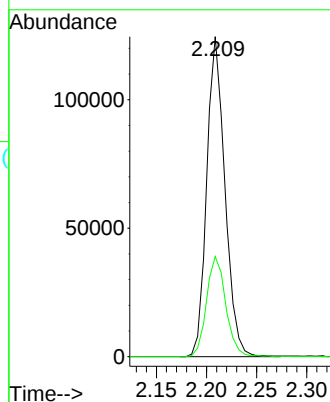
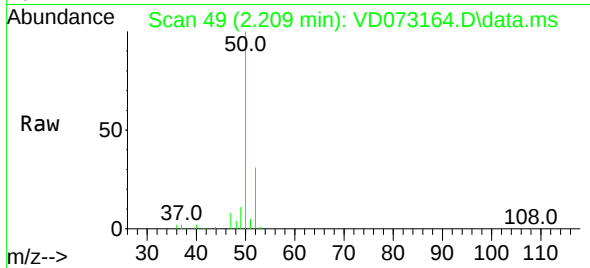




#3
Chloromethane
Concen: 46.670 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

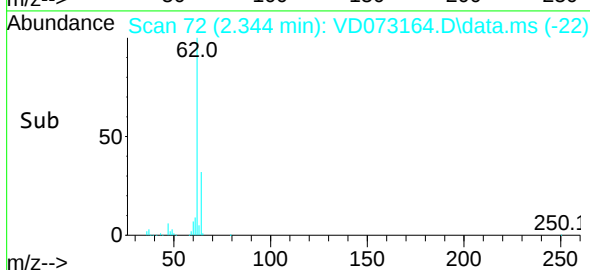
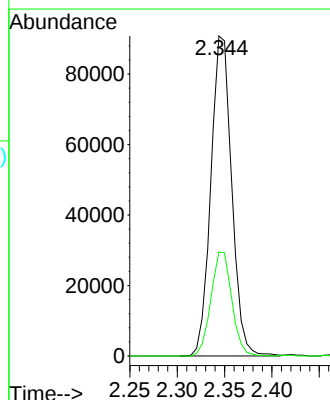
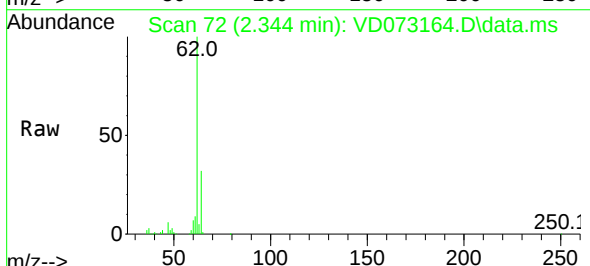
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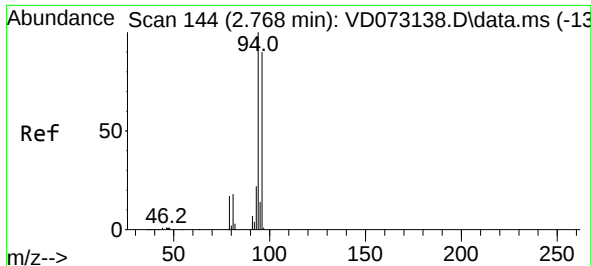
Tgt Ion: 50 Resp: 157550
Ion Ratio Lower Upper
50 100
52 31.3 27.4 41.0



#4
Vinyl Chloride
Concen: 44.938 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 62 Resp: 138718
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0

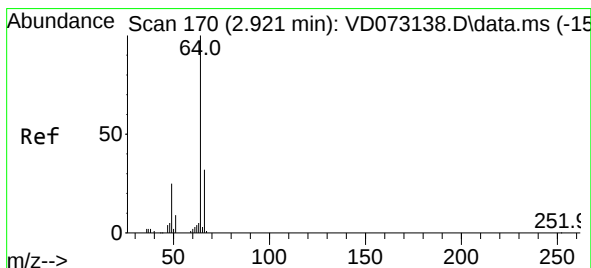
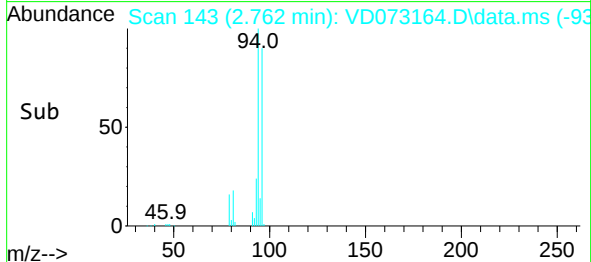
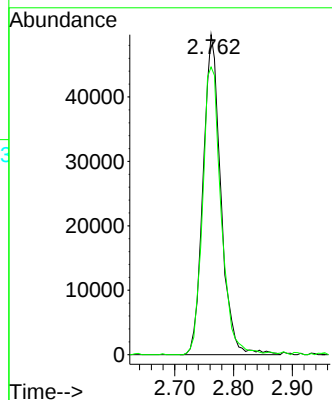
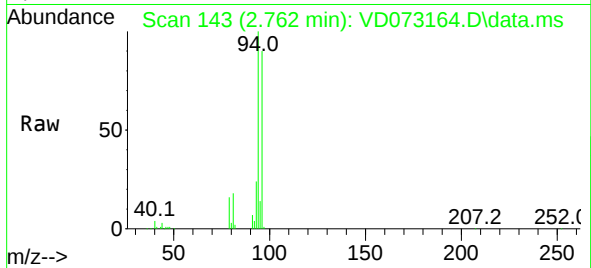




#5
Bromomethane
Concen: 52.811 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

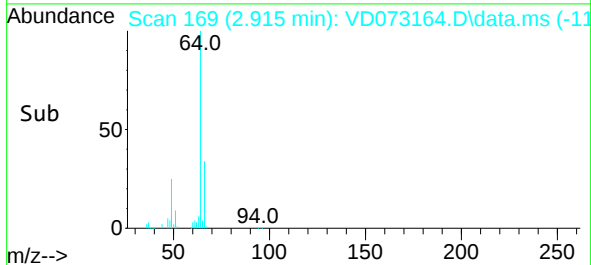
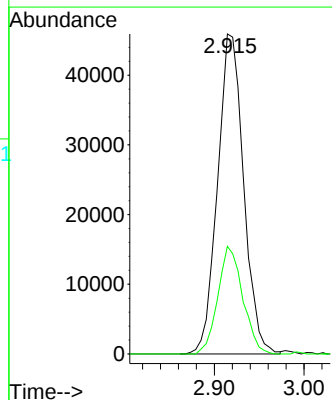
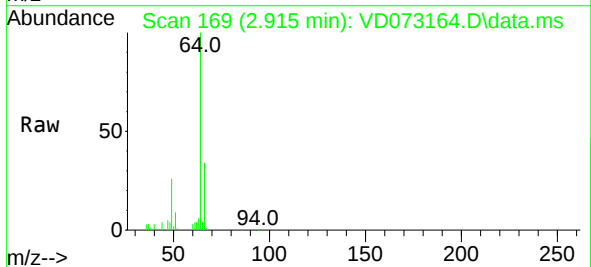
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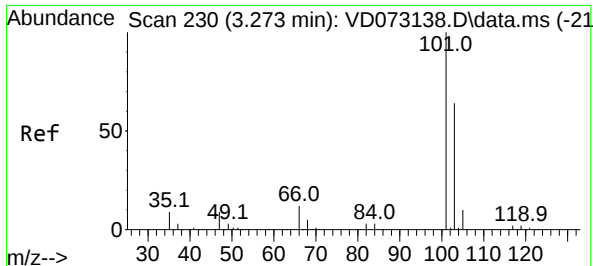
Tgt Ion: 94 Resp: 104062
Ion Ratio Lower Upper
94 100
96 89.9 77.6 116.4



#6
Chloroethane
Concen: 48.794 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 64 Resp: 92594
Ion Ratio Lower Upper
64 100
66 33.7 25.9 38.9

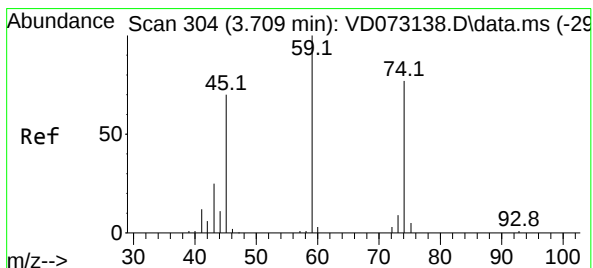
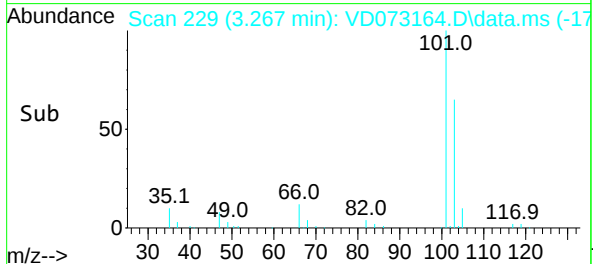
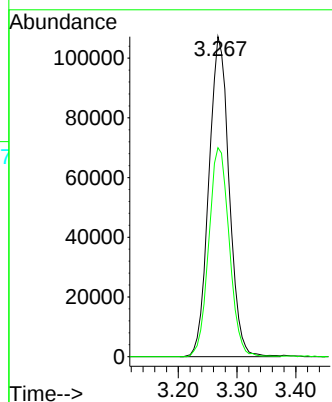
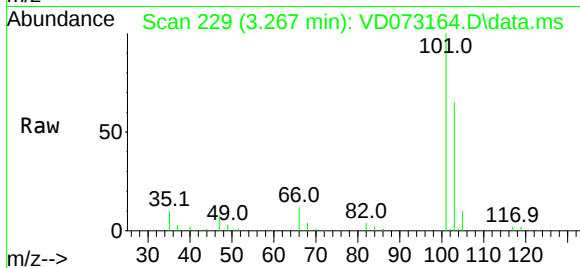




#7
 Trichlorofluoromethane
 Concen: 47.005 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073164.D
 Acq: 20 May 2022 03:28

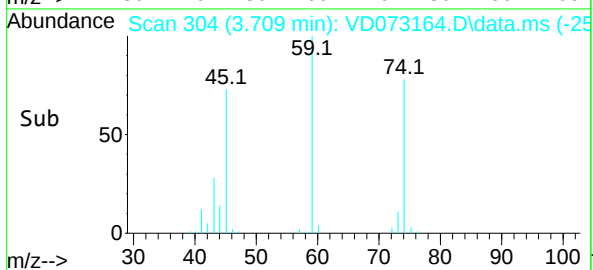
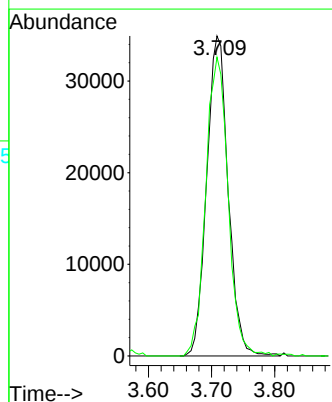
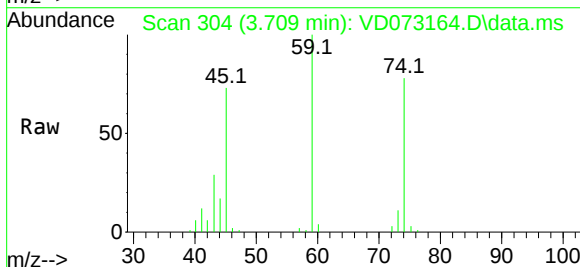
Instrument :
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Tgt Ion:101 Resp: 256570
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 55.061 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073164.D
 Acq: 20 May 2022 03:28

Tgt Ion: 74 Resp: 82584
 Ion Ratio Lower Upper
 74 100
 45 97.1 52.6 157.8

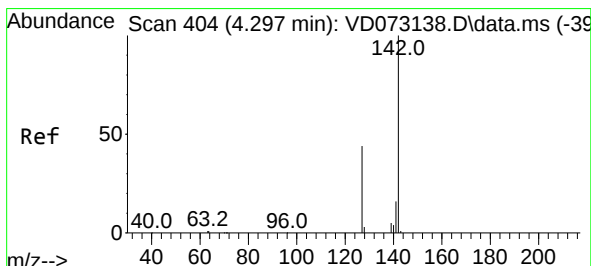
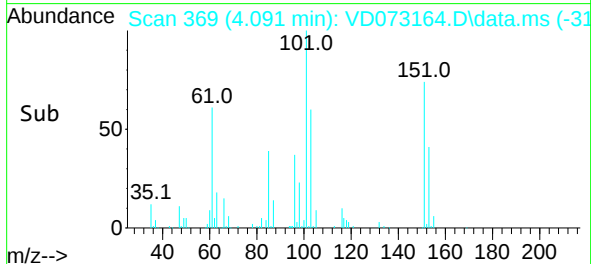
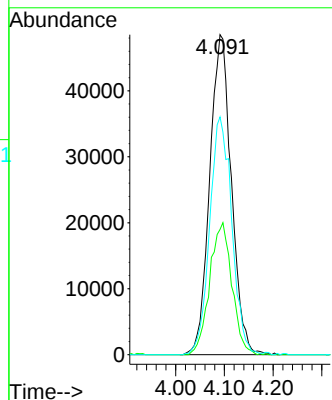
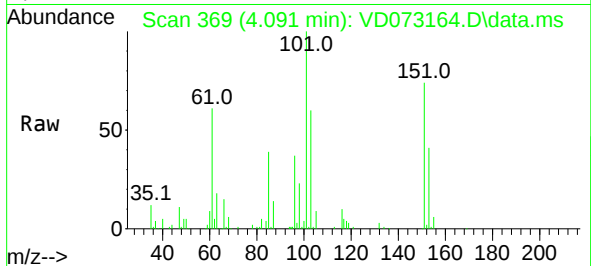




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.067 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

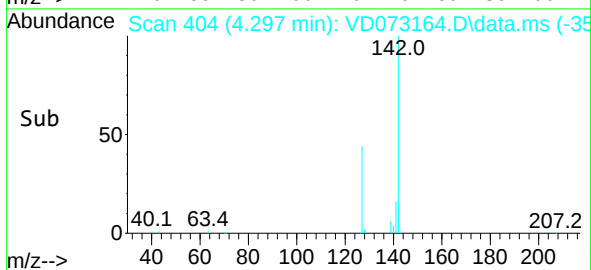
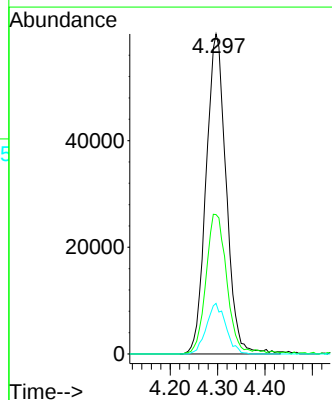
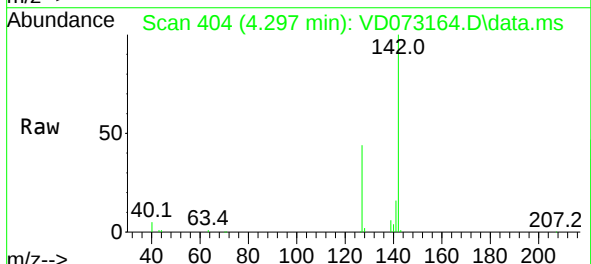
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

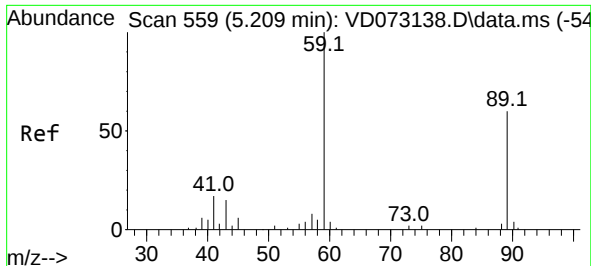
Tgt Ion:101 Resp: 150030
Ion Ratio Lower Upper
101 100
85 42.3 36.4 54.6
151 75.9 57.3 85.9



#10
Methyl Iodide
Concen: 50.184 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion:142 Resp: 176331
Ion Ratio Lower Upper
142 100
127 45.1 37.3 55.9
141 15.3 11.7 17.5





#11

Tert butyl alcohol

Concen: 126.235 ug/l

RT: 5.214 min Scan# 5

Delta R.T. 0.005 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

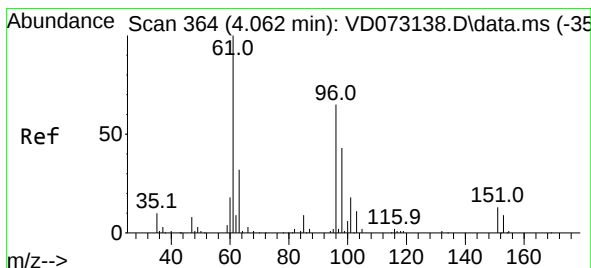
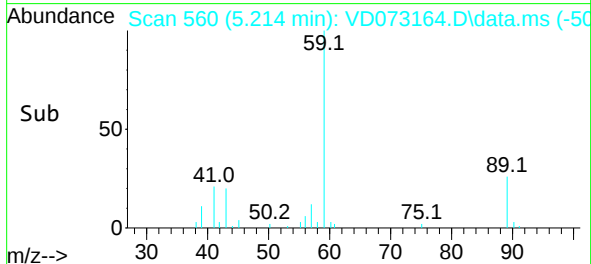
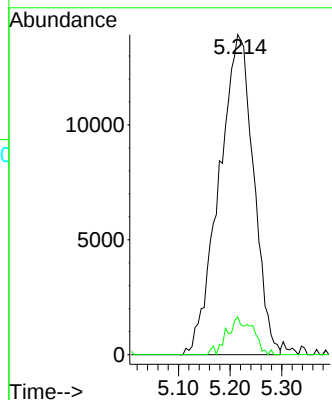
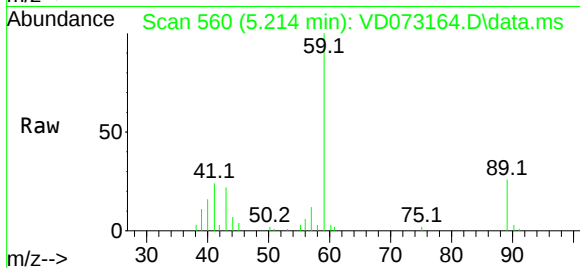
VSTDCCC050EC

Tgt Ion: 59 Resp: 64668

Ion Ratio Lower Upper

59 100

57 5.2 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 48.281 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

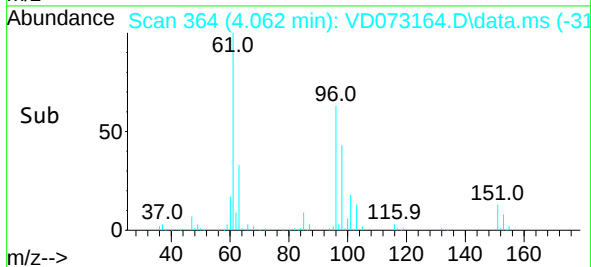
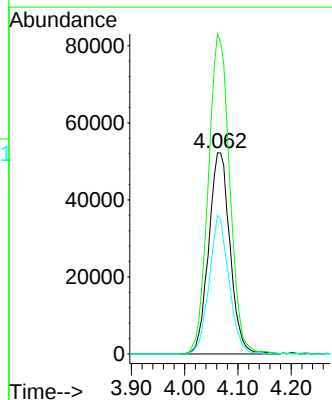
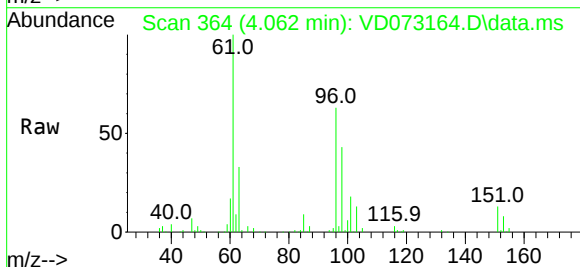
Tgt Ion: 96 Resp: 144968

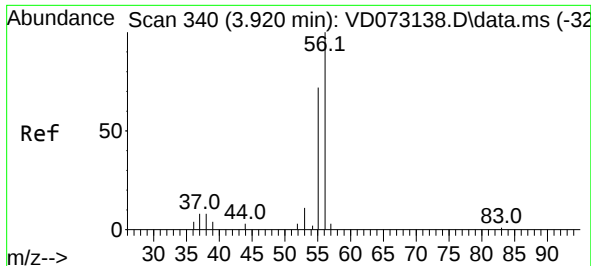
Ion Ratio Lower Upper

96 100

61 159.2 138.5 207.7

98 69.0 48.6 73.0

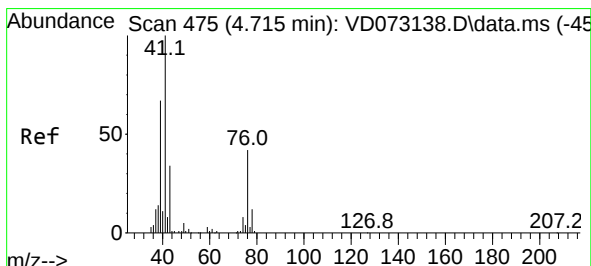
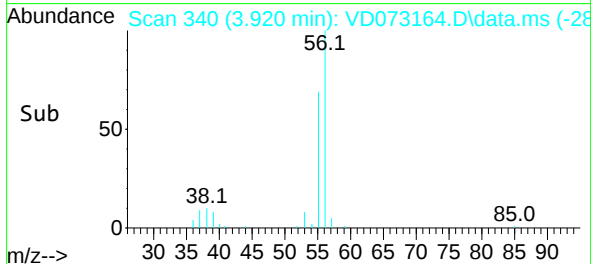
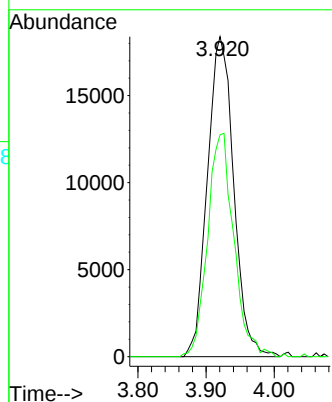
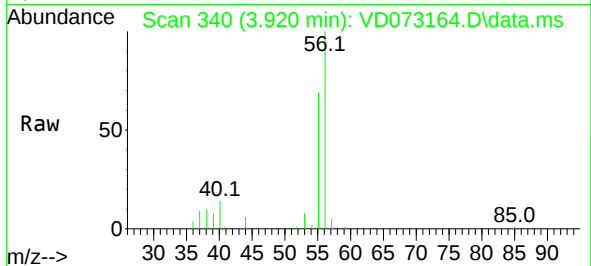




#13
Acrolein
Concen: 243.777 ug/l
RT: 3.920 min Scan# 34
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

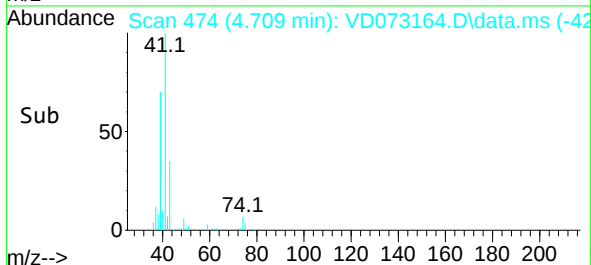
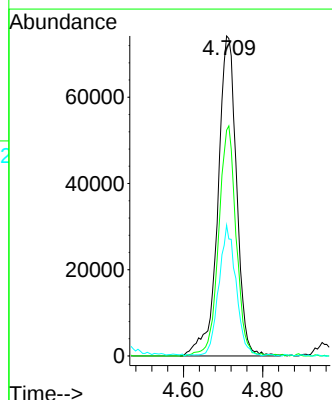
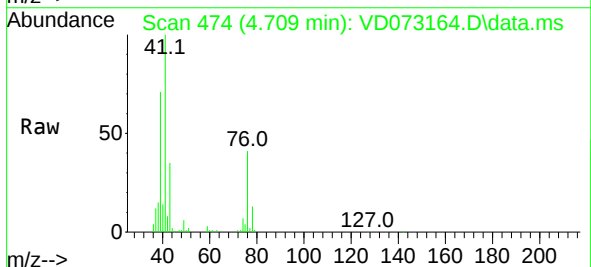
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

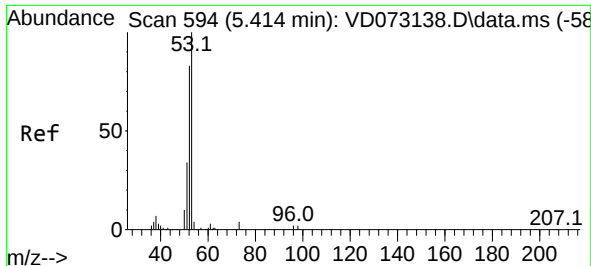
Tgt Ion: 56 Resp: 49407
Ion Ratio Lower Upper
56 100
55 69.5 57.1 85.7



#14
Allyl chloride
Concen: 50.137 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 41 Resp: 242997
Ion Ratio Lower Upper
41 100
39 67.2 59.3 88.9
76 37.5 25.7 38.5

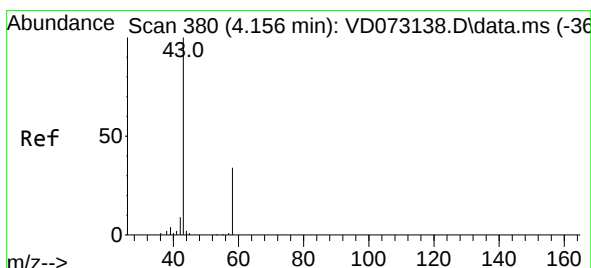
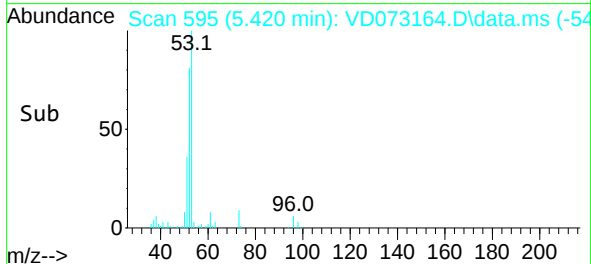
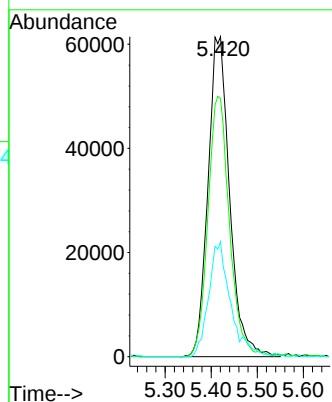
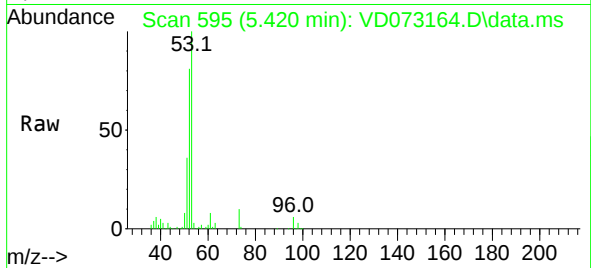




#15
Acrylonitrile
Concen: 292.420 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

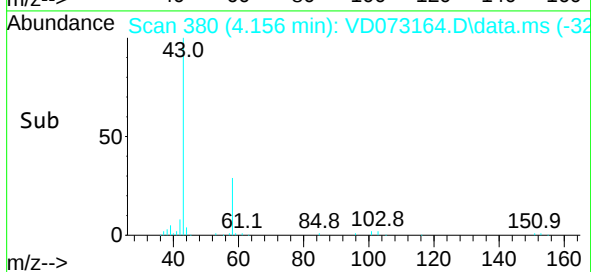
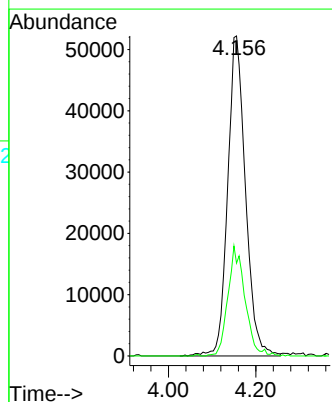
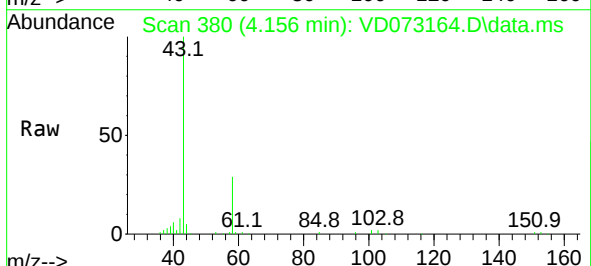
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

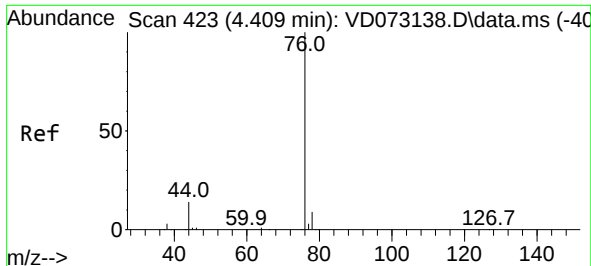
Tgt Ion: 53 Resp: 200556
Ion Ratio Lower Upper
53 100
52 80.2 67.2 100.8
51 36.3 30.3 45.5



#16
Acetone
Concen: 258.239 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 43 Resp: 147691
Ion Ratio Lower Upper
43 100
58 29.0 22.1 33.1

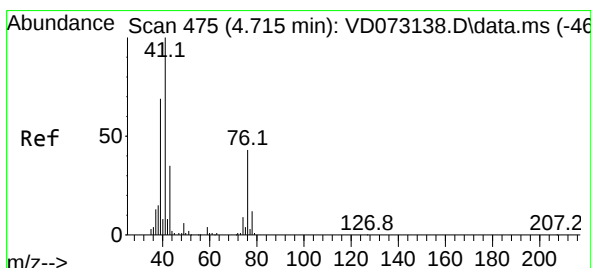
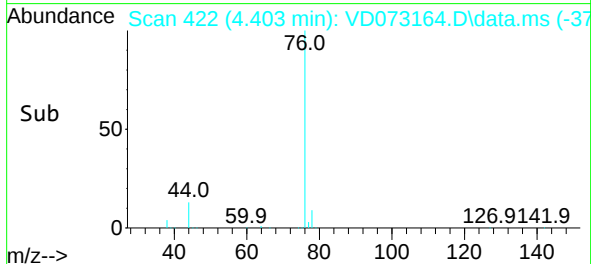
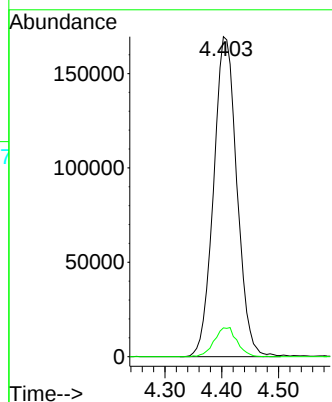
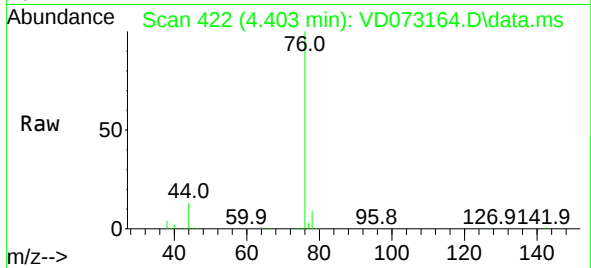




#17
Carbon Disulfide
Concen: 48.586 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

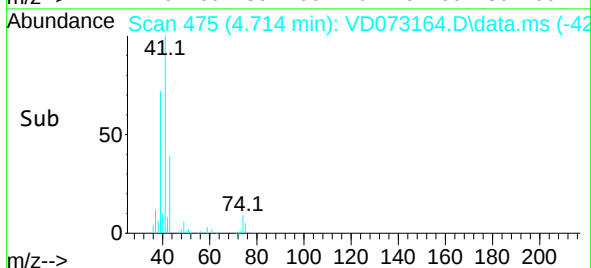
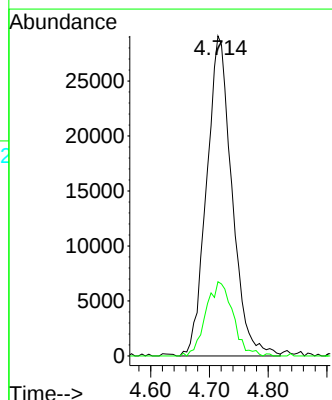
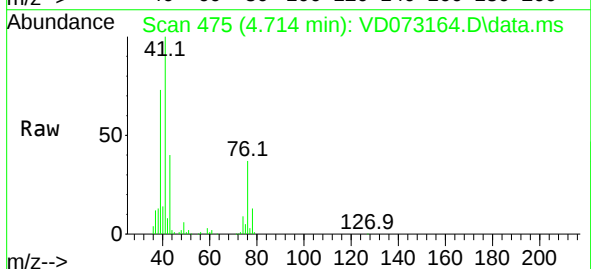
Instrument :
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ClientSampleId :
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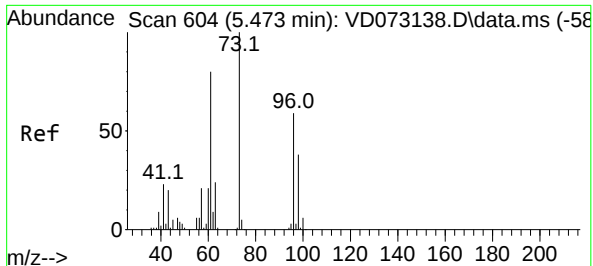
Tgt Ion: 76 Resp: 483612
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 54.765 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 43 Resp: 87095
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1

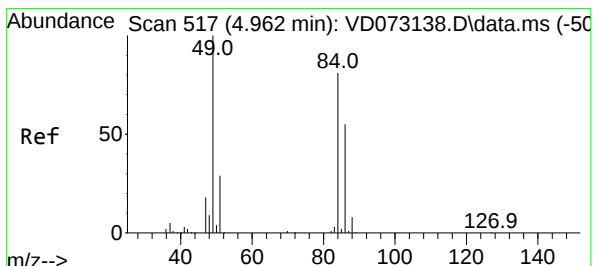
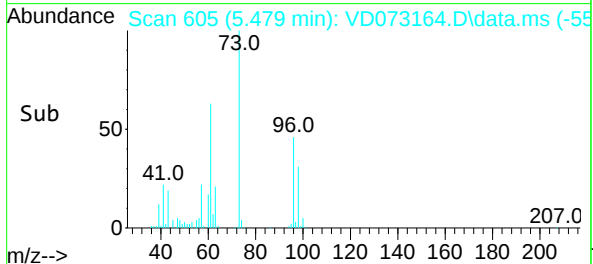
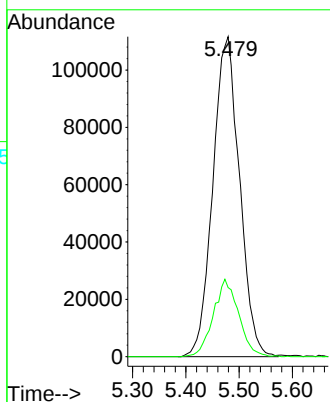
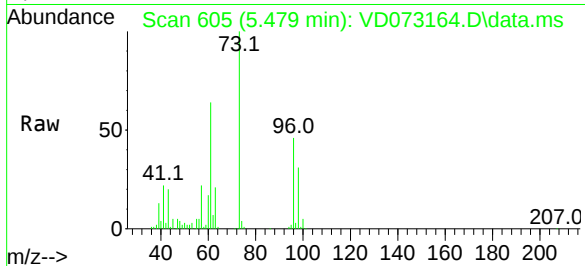




#19
Methyl tert-butyl Ether
Concen: 56.725 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

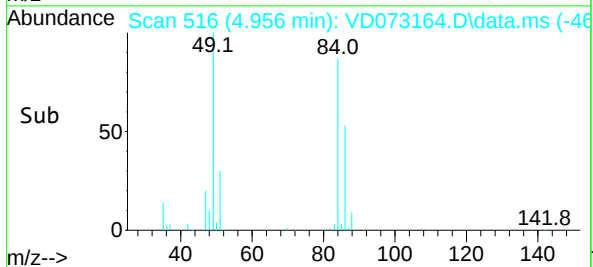
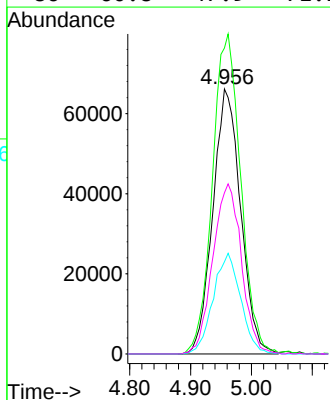
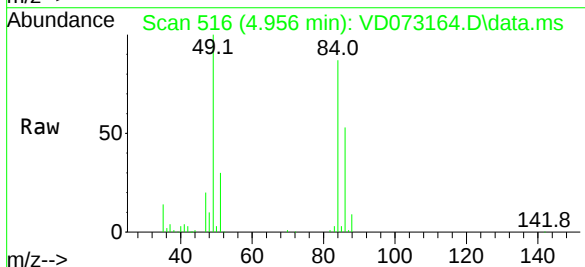
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

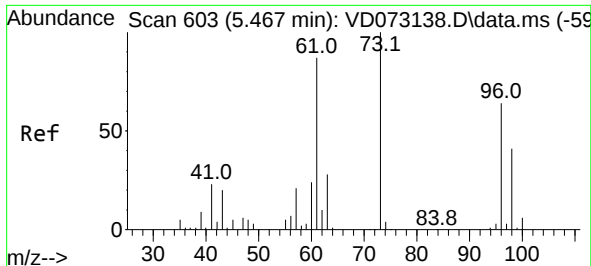
Tgt Ion: 73 Resp: 388019
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0



#20
Methylene Chloride
Concen: 58.459 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 84 Resp: 209617
Ion Ratio Lower Upper
84 100
49 115.5 112.8 169.2
51 34.8 32.6 48.8
86 60.8 47.9 71.9

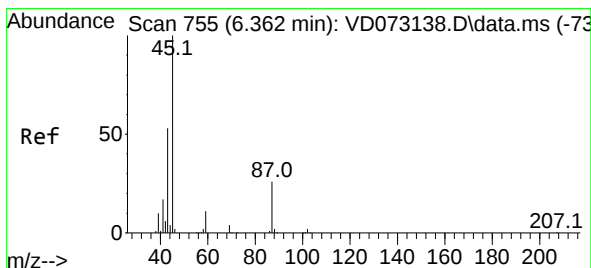
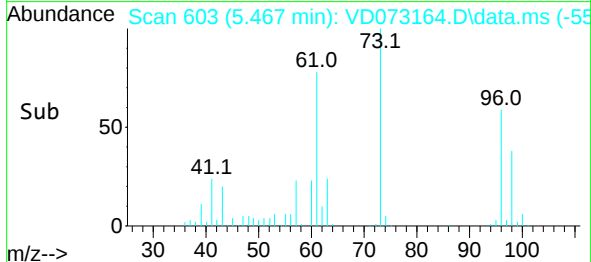
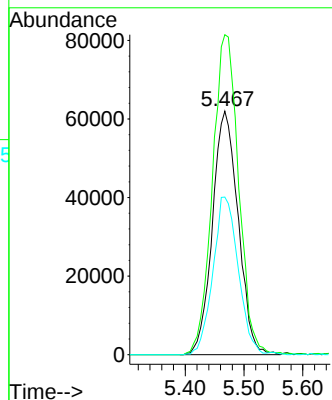
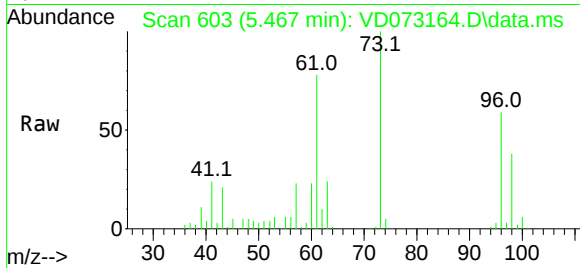




#21
trans-1,2-Dichloroethene
Concen: 51.885 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

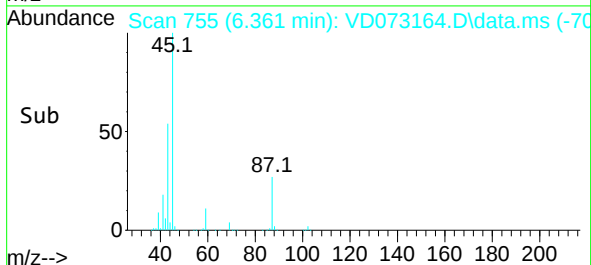
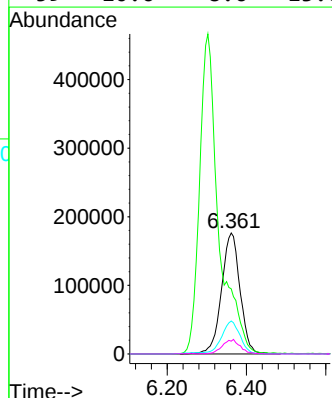
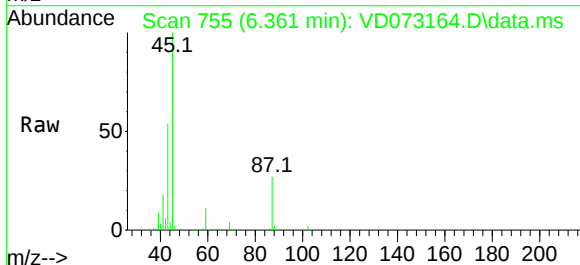
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

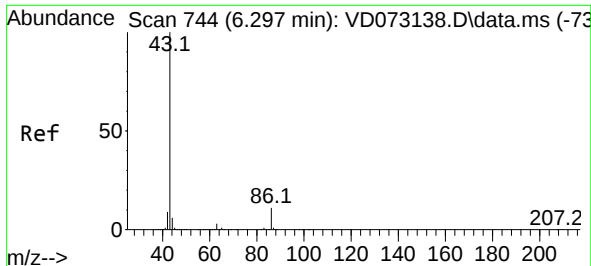
Tgt Ion: 96 Resp: 188364
Ion Ratio Lower Upper
96 100
61 131.4 117.9 176.9
98 64.7 49.4 74.2



#22
Diisopropyl ether
Concen: 56.319 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 45 Resp: 572206
Ion Ratio Lower Upper
45 100
43 53.5 46.6 70.0
87 27.1 18.4 27.6
59 10.6 8.6 13.0

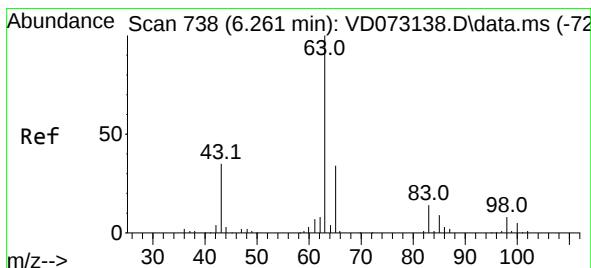
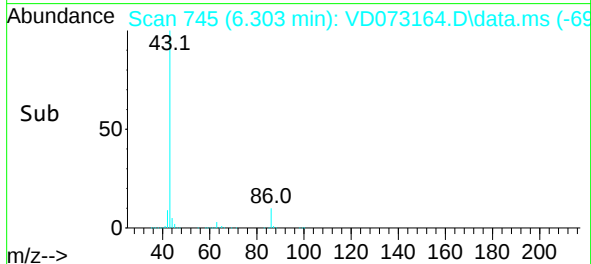
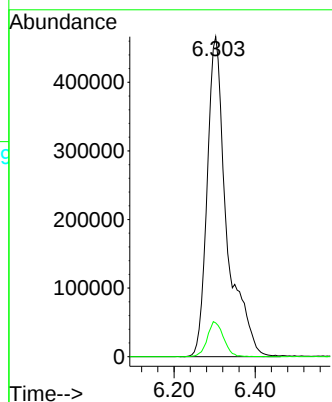
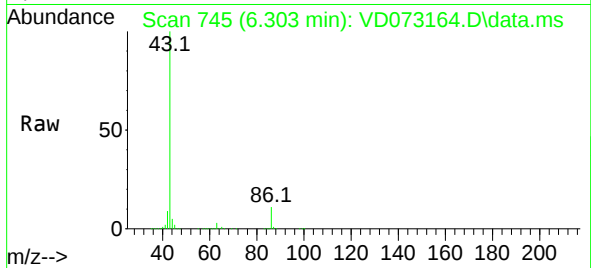




#23
 Vinyl Acetate
 Concen: 288.329 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073164.D
 Acq: 20 May 2022 03:28

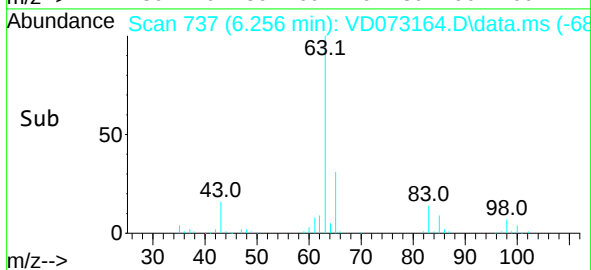
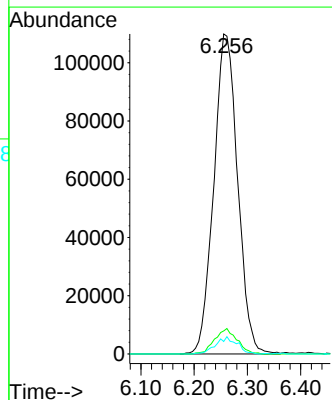
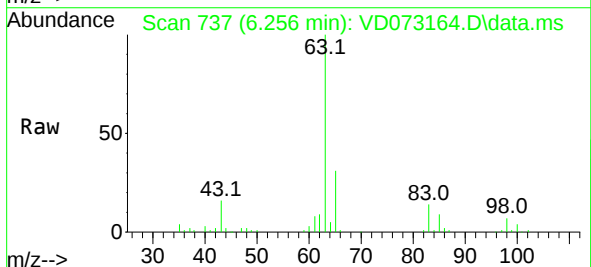
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1562562
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 52.346 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073164.D
 Acq: 20 May 2022 03:28

Tgt Ion: 63 Resp: 341377
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 3.9 2.1 6.5

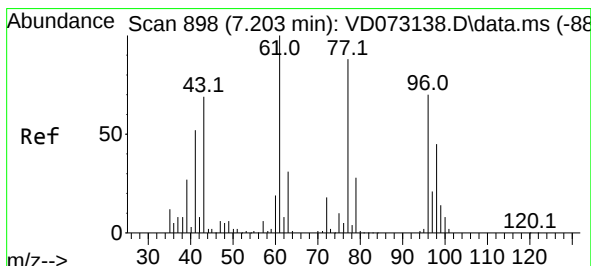
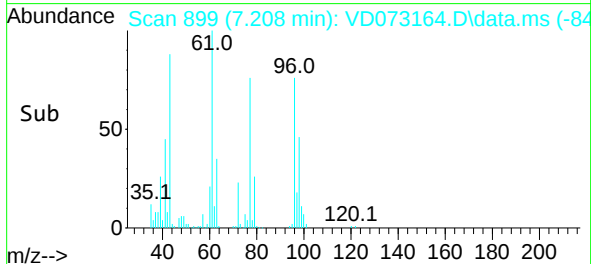
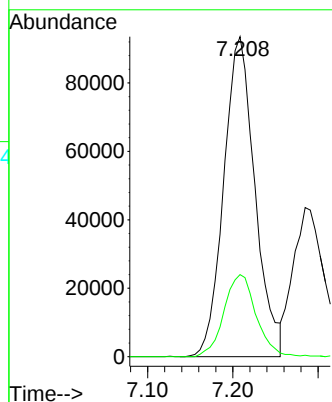
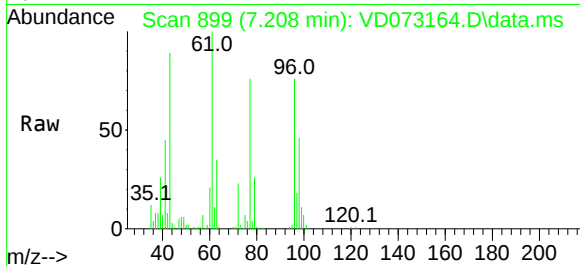




#25
2-Butanone
Concen: 284.965 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

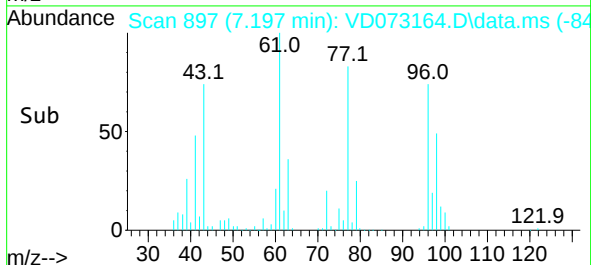
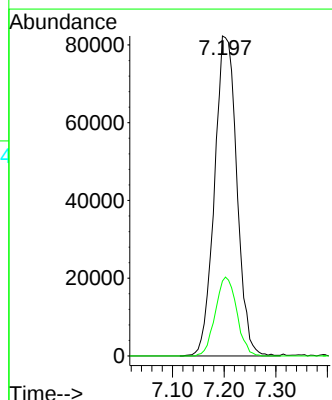
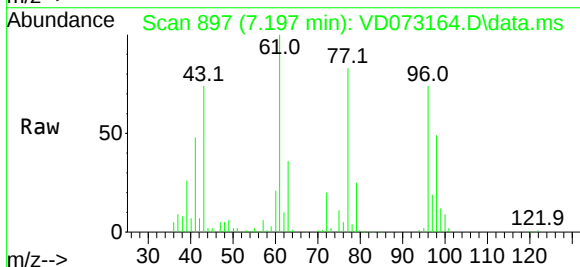
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 238441
Ion Ratio Lower Upper
43 100
72 25.7 18.6 27.8



#26
2,2-Dichloropropane
Concen: 44.391 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 77 Resp: 246886
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.4



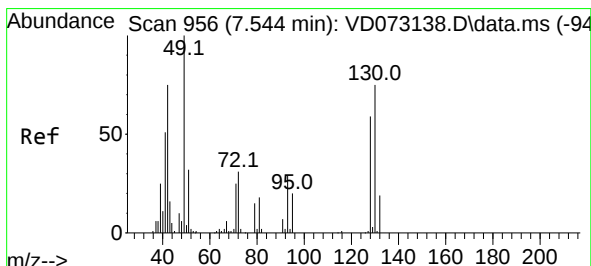
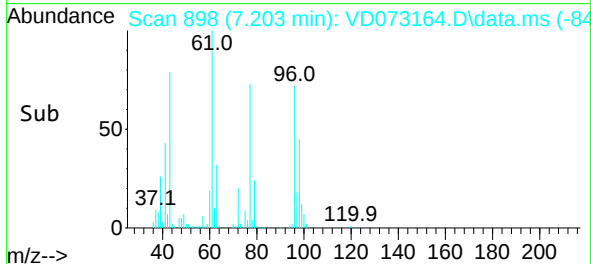
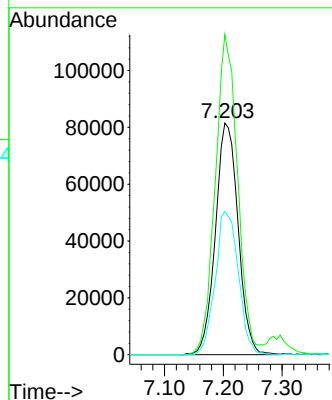
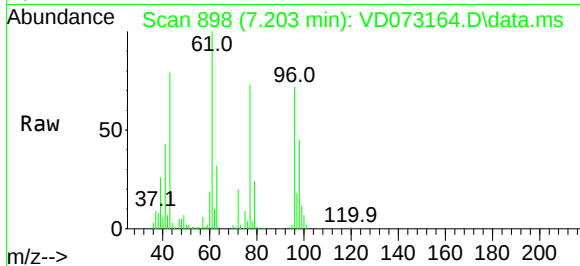


#27
 cis-1,2-Dichloroethene
 Concen: 54.390 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073164.D
 Acq: 20 May 2022 03:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 218486

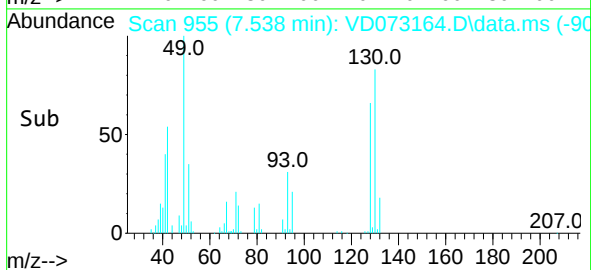
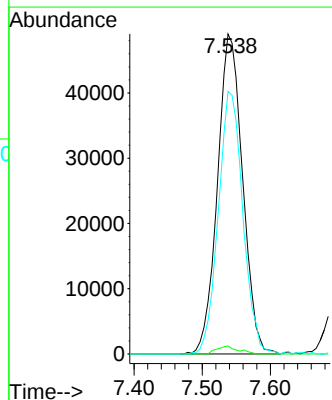
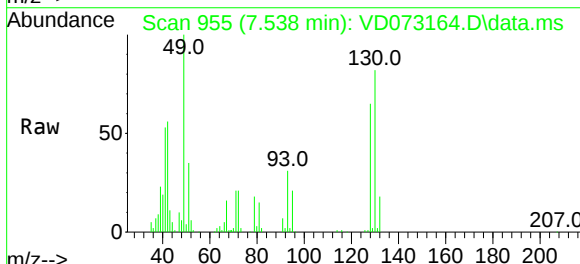
Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	313.8
98	63.1	0.0	128.8

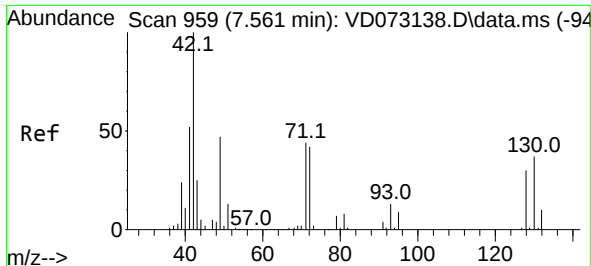


#28
 Bromochloromethane
 Concen: 55.949 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073164.D
 Acq: 20 May 2022 03:28

Tgt Ion: 49 Resp: 125703

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	80.2	52.6	79.0





#29

Tetrahydrofuran

Concen: 289.009 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

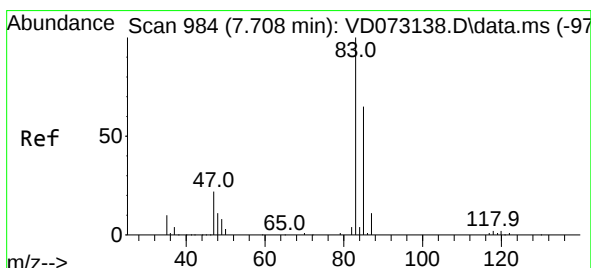
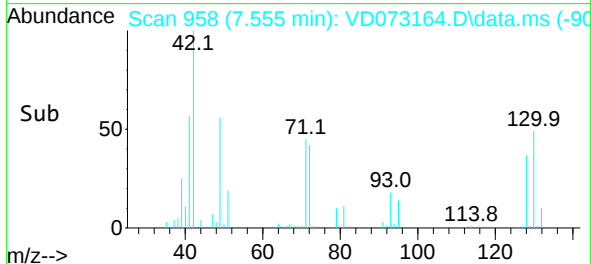
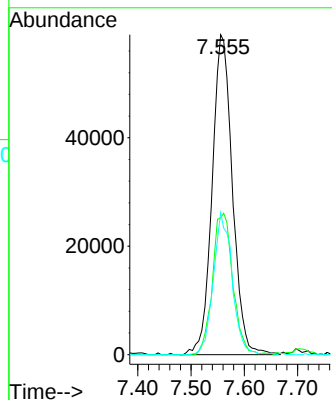
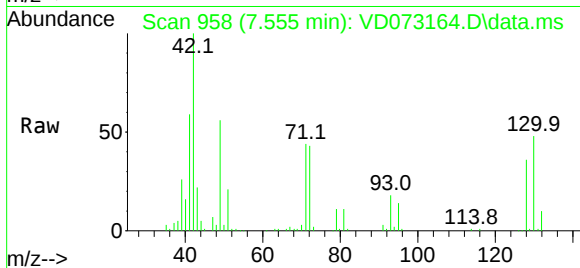
Tgt Ion: 42 Resp: 156368

Ion Ratio Lower Upper

42 100

72 44.1 30.7 46.1

71 41.1 28.6 43.0



#30

Chloroform

Concen: 53.754 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073164.D

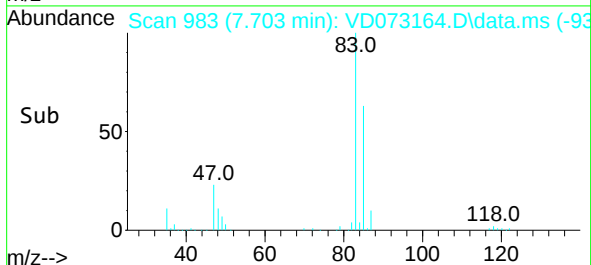
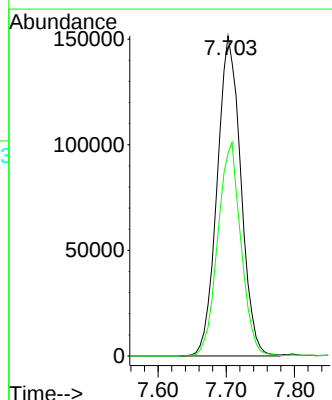
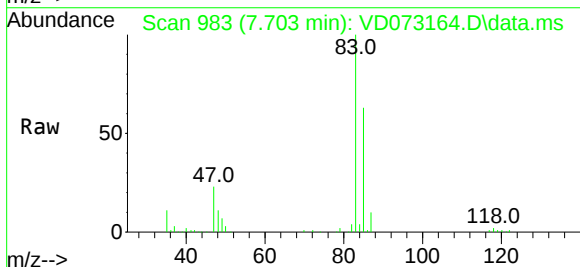
Acq: 20 May 2022 03:28

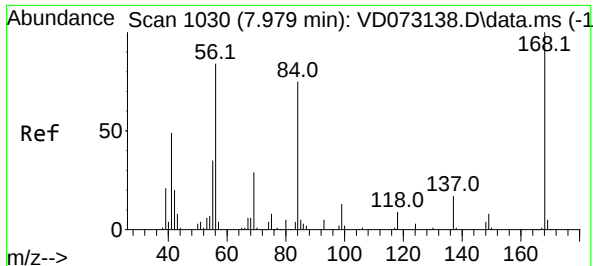
Tgt Ion: 83 Resp: 365983

Ion Ratio Lower Upper

83 100

85 63.3 52.7 79.1





#31

Cyclohexane

Concen: 45.053 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

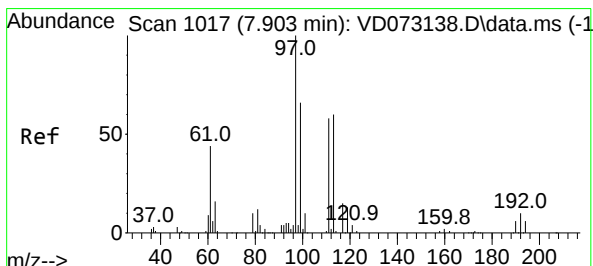
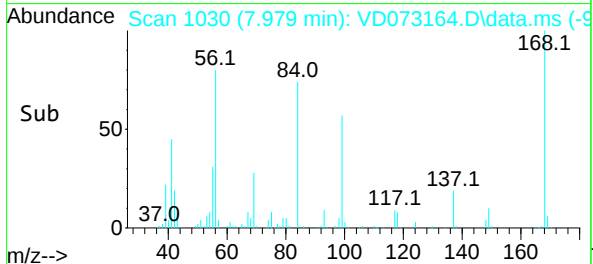
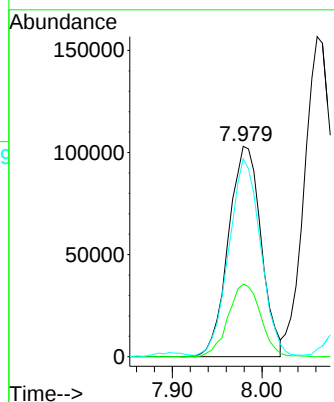
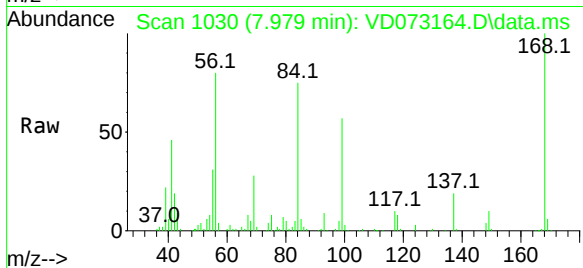
Tgt Ion: 56 Resp: 259957

Ion Ratio Lower Upper

56 100

69 34.5 25.4 38.2

84 92.4 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 49.605 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

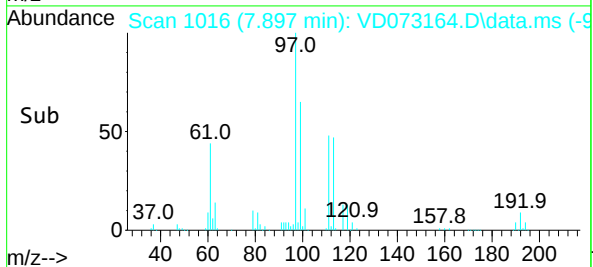
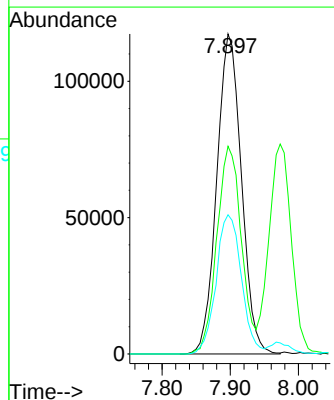
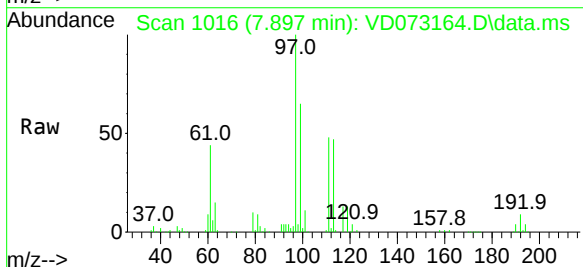
Tgt Ion: 97 Resp: 295389

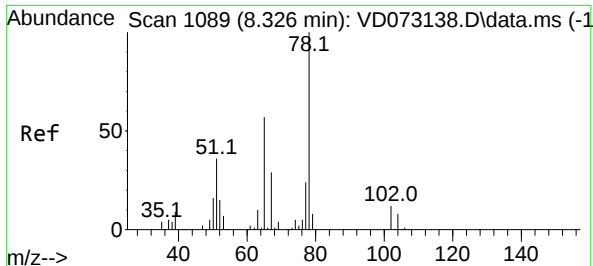
Ion Ratio Lower Upper

97 100

99 64.7 52.4 78.6

61 44.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 54.274 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

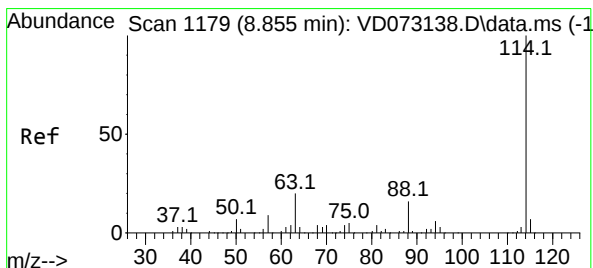
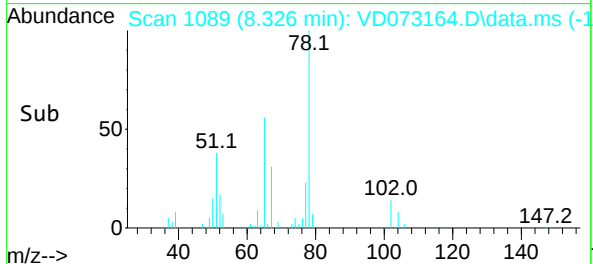
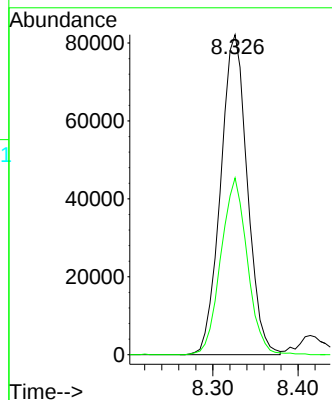
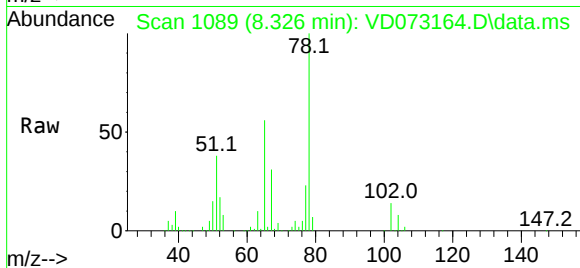
VSTDCCC050EC

Tgt Ion: 65 Resp: 179205

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

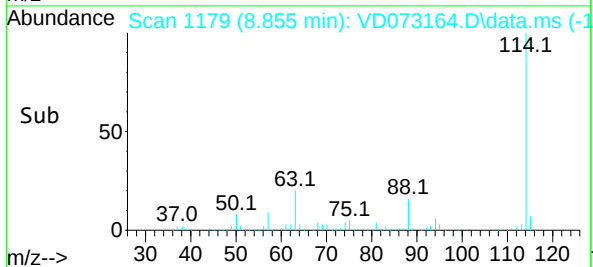
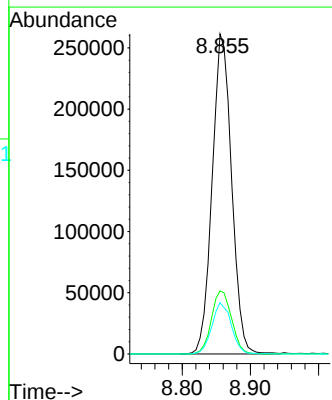
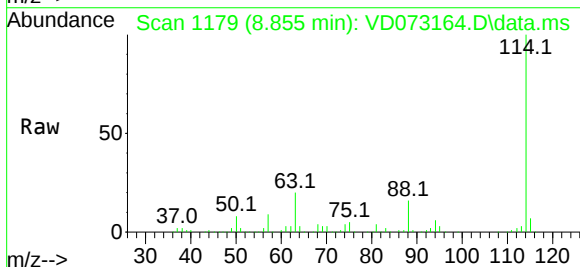
Tgt Ion: 114 Resp: 518197

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.602 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

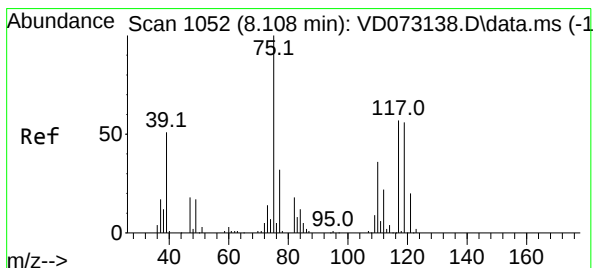
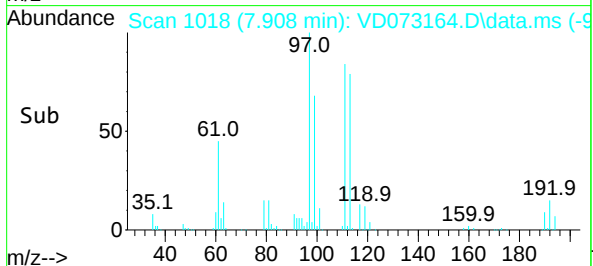
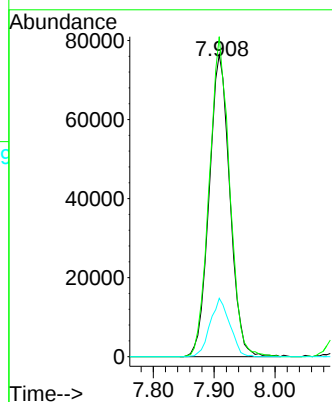
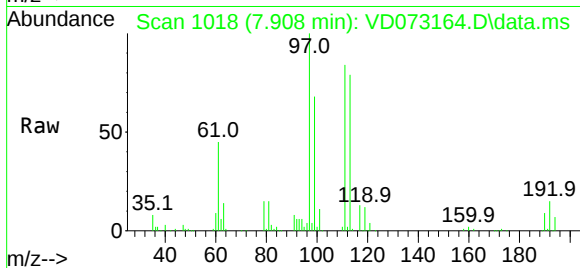
Tgt Ion:113 Resp: 179866

Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 48.652 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

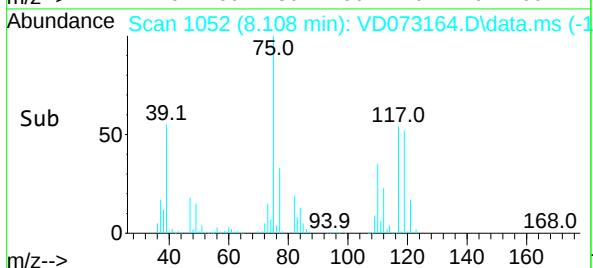
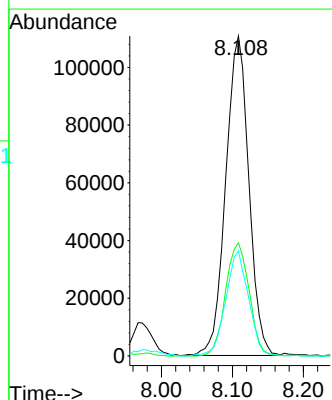
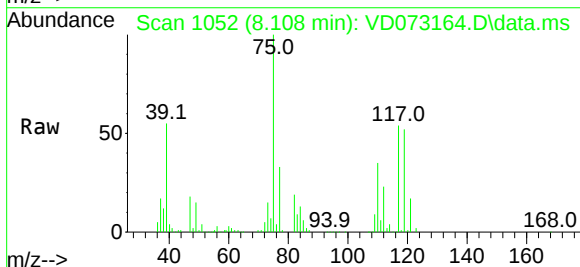
Tgt Ion: 75 Resp: 250202

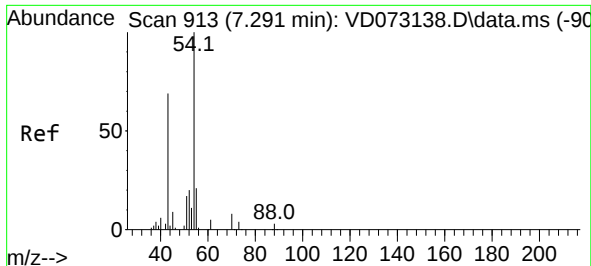
Ion Ratio Lower Upper

75 100

110 36.1 16.4 49.1

77 32.4 24.2 36.2





#37

Ethyl Acetate

Concen: 55.795 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

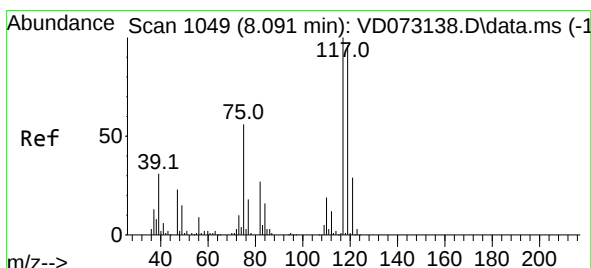
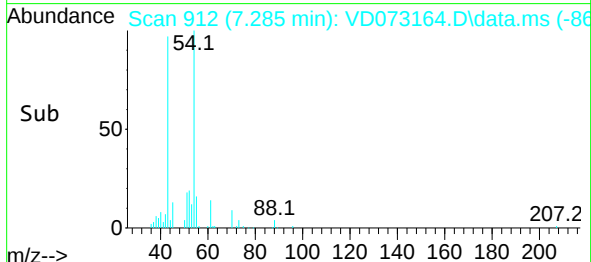
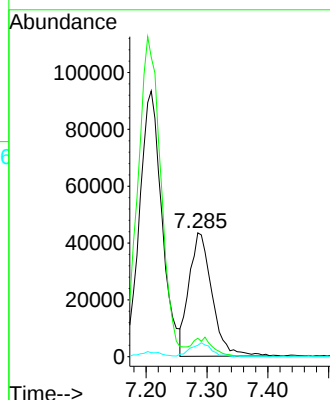
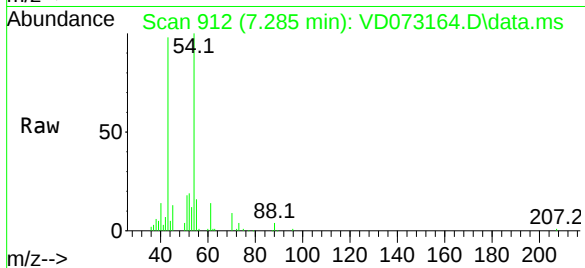
Tgt Ion: 43 Resp: 113338

Ion Ratio Lower Upper

43 100

61 14.4 9.8 14.8

70 10.2 6.9 10.3



#38

Carbon Tetrachloride

Concen: 48.218 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

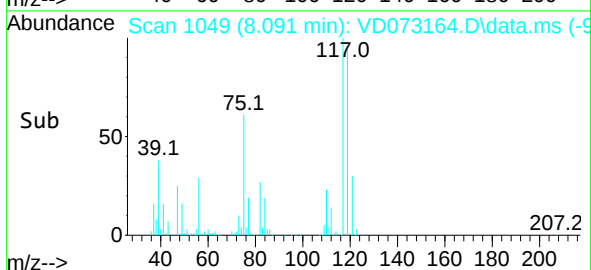
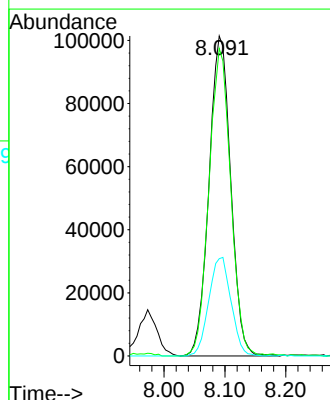
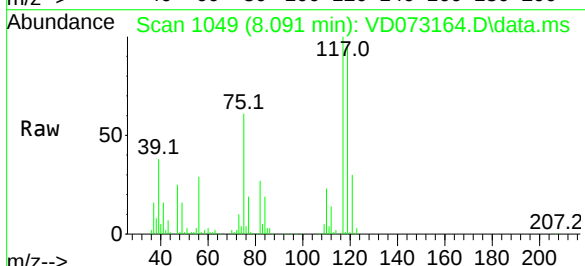
Tgt Ion: 117 Resp: 251363

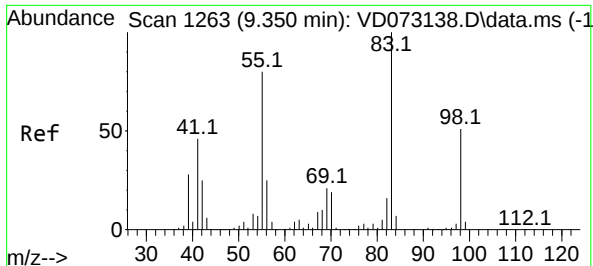
Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.6

121 30.4 24.5 36.7





#39

Methylcyclohexane

Concen: 47.723 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

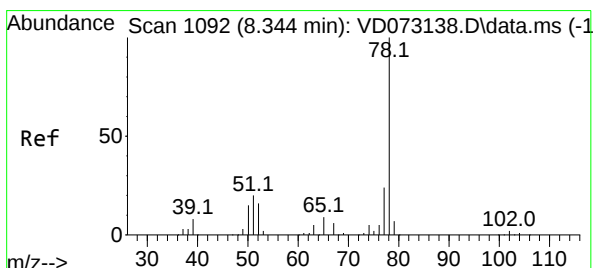
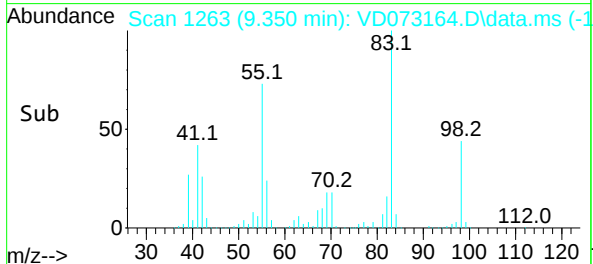
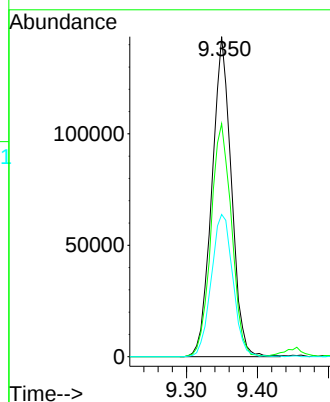
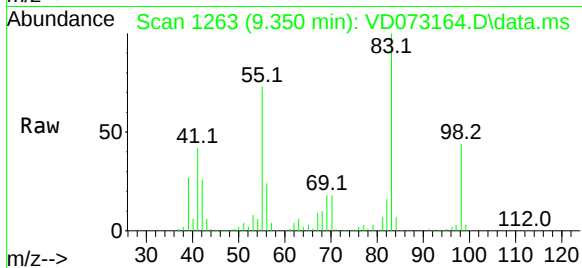
Tgt Ion: 83 Resp: 273516

Ion Ratio Lower Upper

83 100

55 72.8 63.2 94.8

98 44.5 38.2 57.4



#40

Benzene

Concen: 51.973 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073164.D

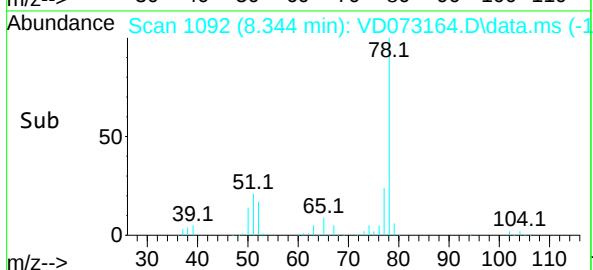
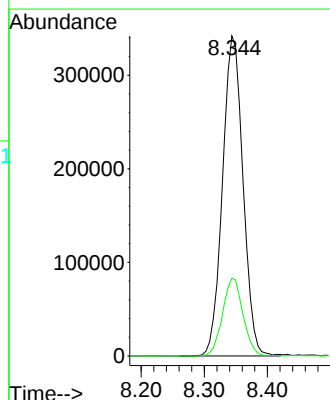
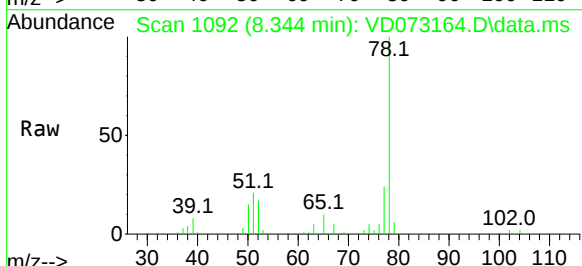
Acq: 20 May 2022 03:28

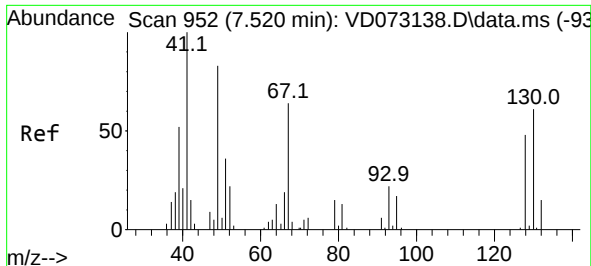
Tgt Ion: 78 Resp: 770310

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7



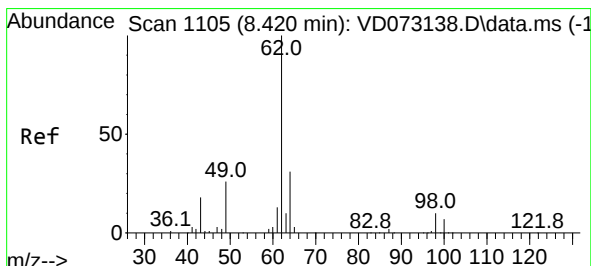
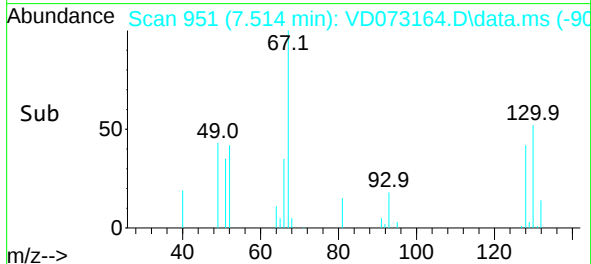
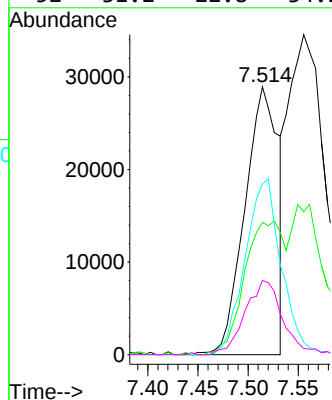
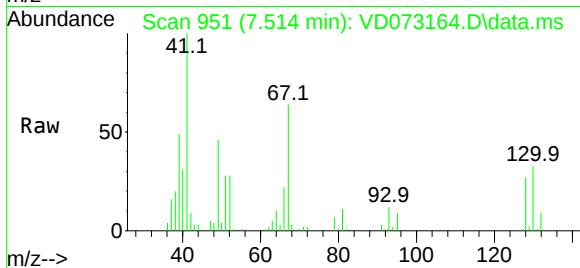


#41
Methacrylonitrile
Concen: 56.578 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 66962

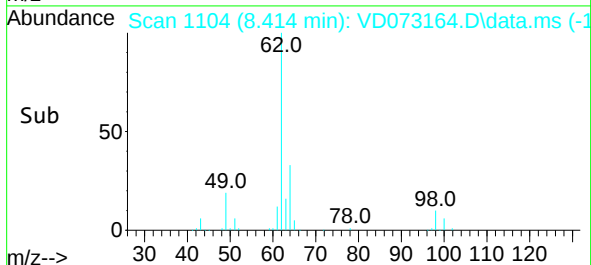
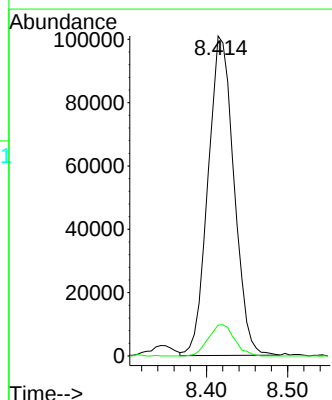
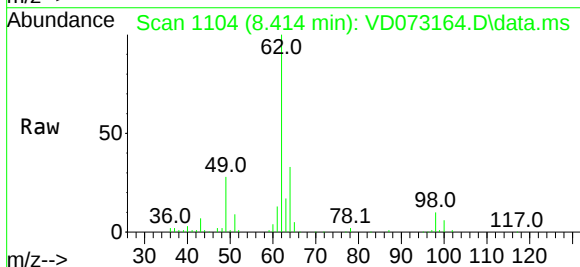
Ion	Ratio	Lower	Upper
41	100		
39	59.4	44.6	67.0
67	70.8	48.2	72.4
52	31.2	22.8	34.2

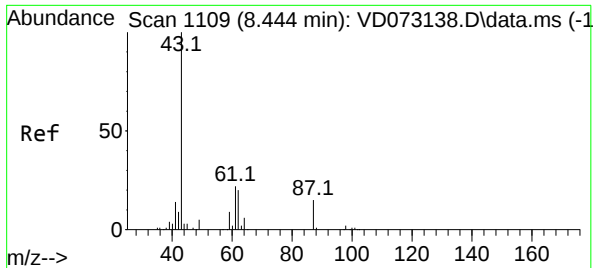


#42
1,2-Dichloroethane
Concen: 54.334 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 62 Resp: 224074

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.6

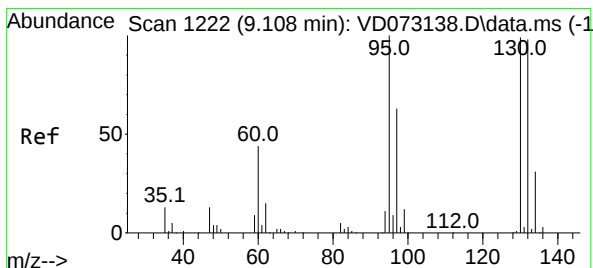
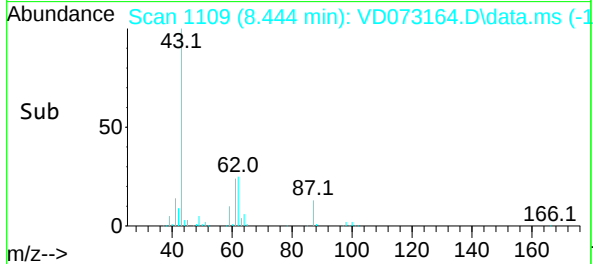
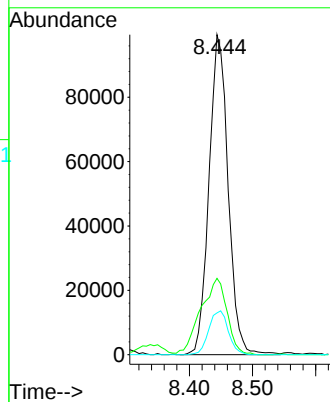
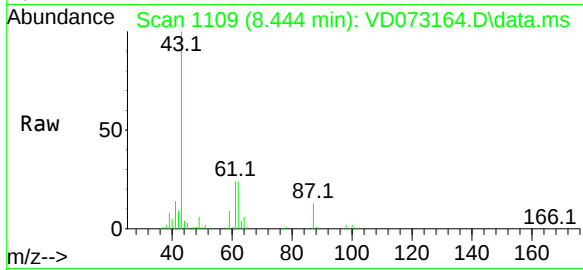




#43
Isopropyl Acetate
Concen: 55.801 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

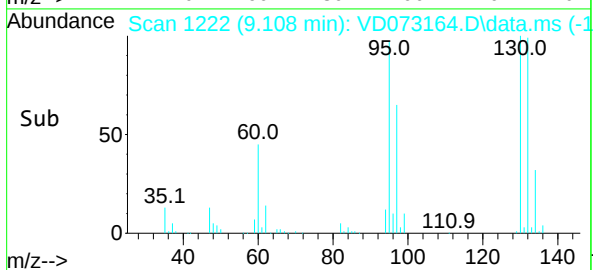
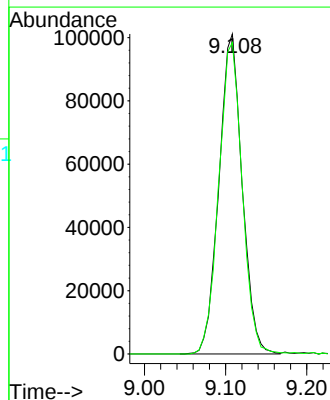
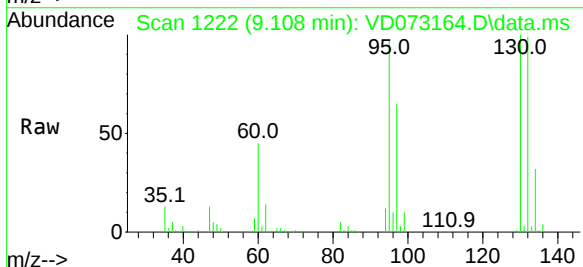
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

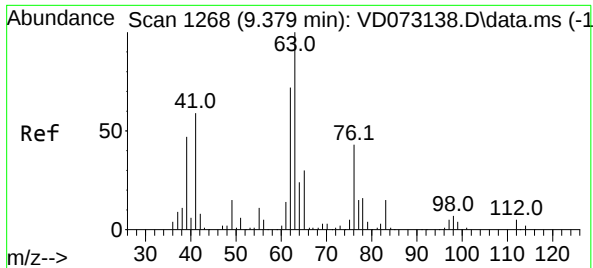
Tgt Ion: 43 Resp: 209515
Ion Ratio Lower Upper
43 100
61 32.8 22.4 33.6
87 14.0 8.7 13.1#



#44
Trichloroethene
Concen: 50.868 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion:130 Resp: 201050
Ion Ratio Lower Upper
130 100
95 97.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 53.808 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

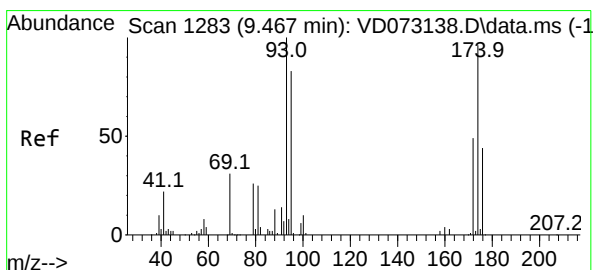
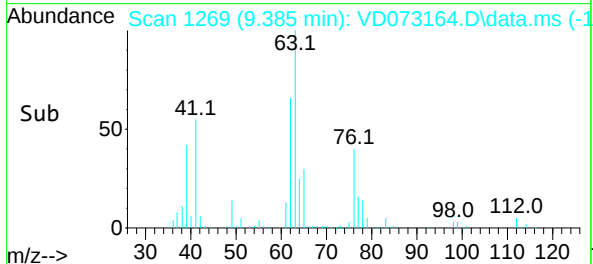
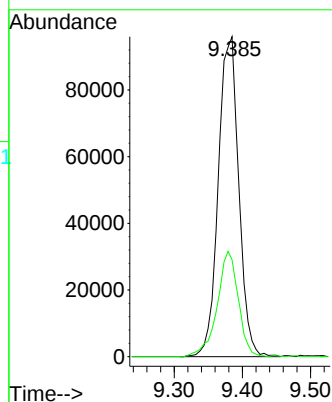
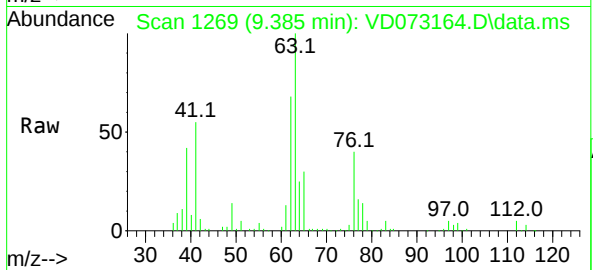
VSTDCCC050EC

Tgt Ion: 63 Resp: 200842

Ion Ratio Lower Upper

63 100

65 30.3 26.2 39.4



#46

Dibromomethane

Concen: 54.498 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

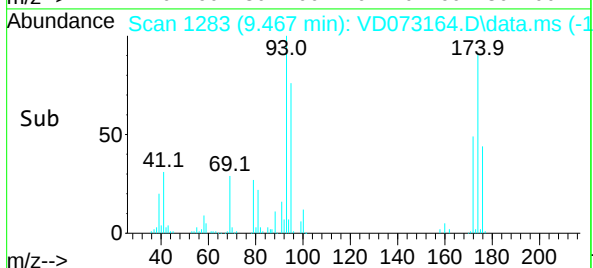
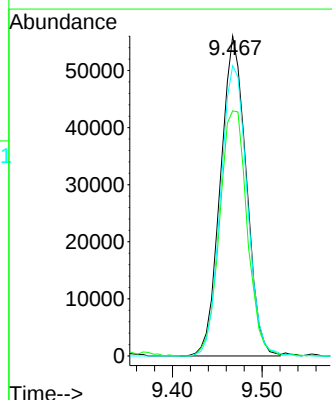
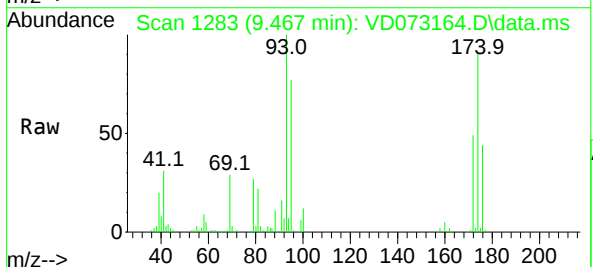
Tgt Ion: 93 Resp: 111721

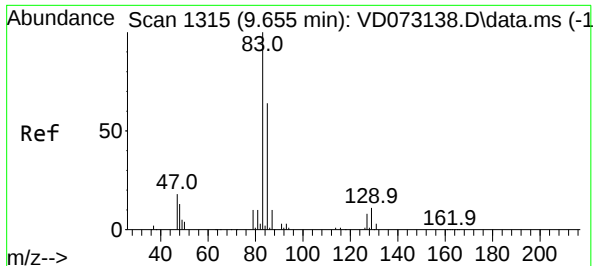
Ion Ratio Lower Upper

93 100

95 81.5 66.7 100.1

174 93.2 71.6 107.4

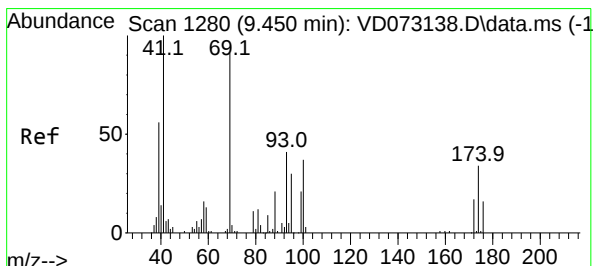
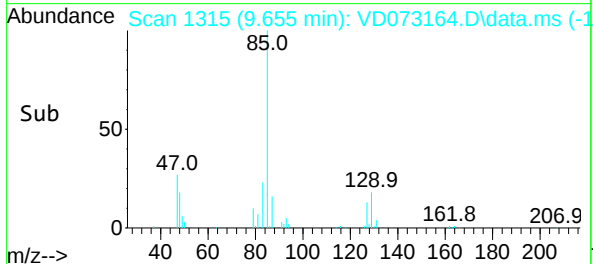
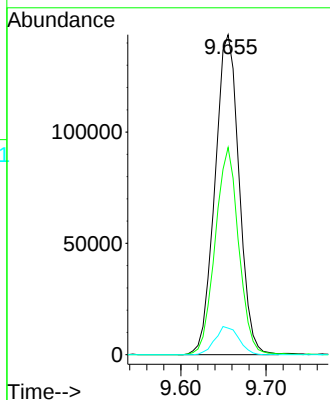
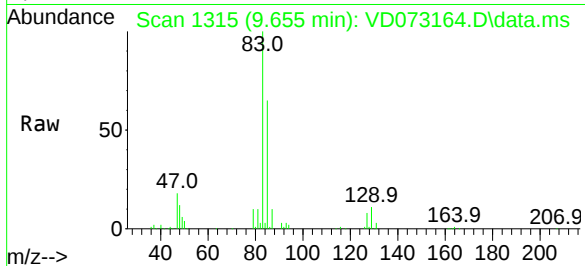




#47
Bromodichloromethane
Concen: 53.825 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

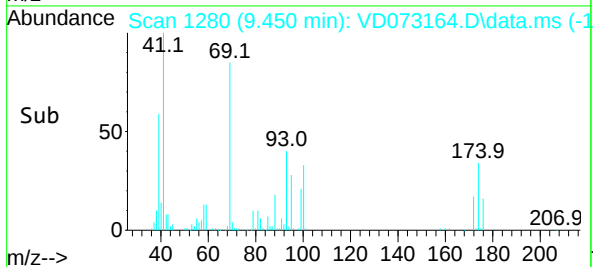
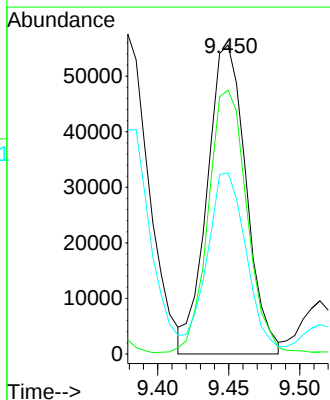
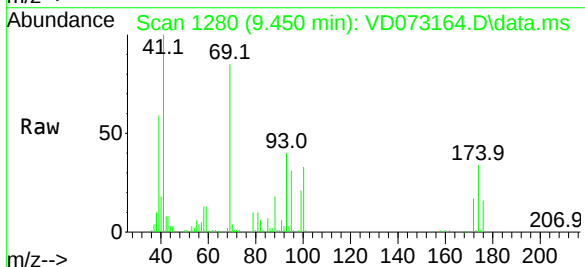
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

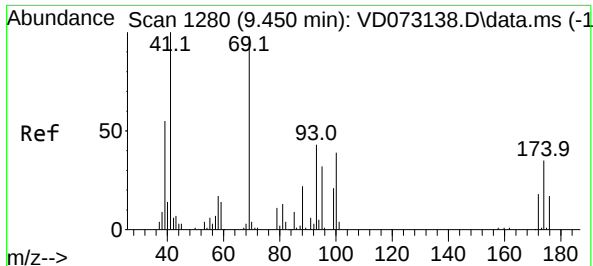
Tgt Ion: 83 Resp: 282330
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0
127 8.3 6.1 9.1



#48
Methyl methacrylate
Concen: 56.142 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 41 Resp: 106054
Ion Ratio Lower Upper
41 100
69 85.0 56.7 85.1
39 58.7 42.7 64.1

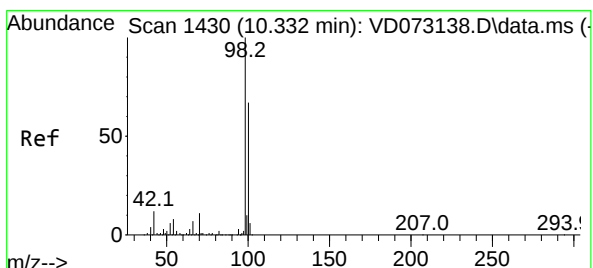
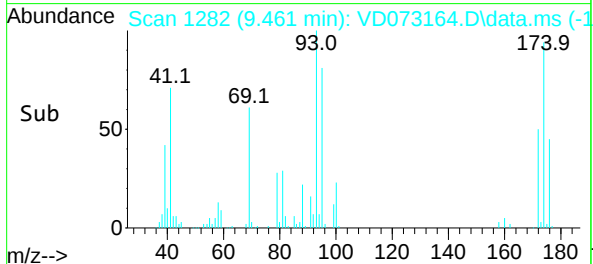
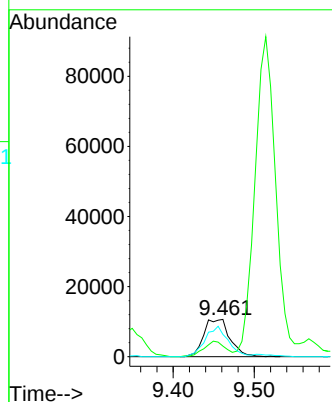
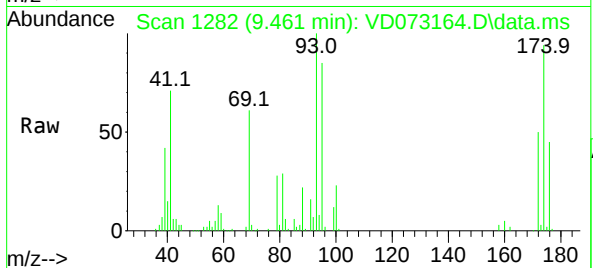




#49
1,4-Dioxane
Concen: 1130.724 ug/l
RT: 9.461 min Scan# 11
Delta R.T. 0.011 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

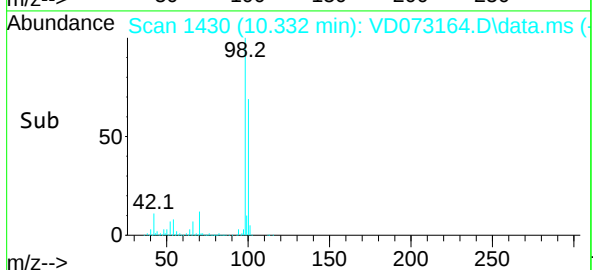
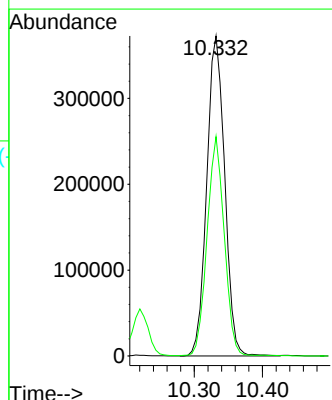
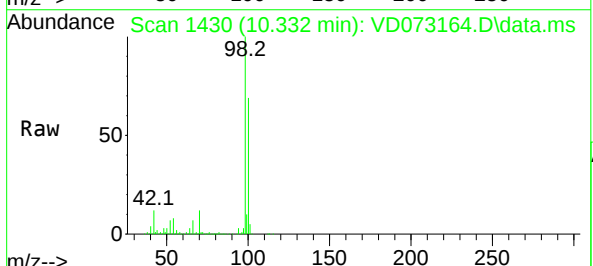
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 23938
Ion Ratio Lower Upper
88 100
43 33.9 31.0 46.4
58 71.7 58.1 87.1



#50
Toluene-d8
Concen: 54.082 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 98 Resp: 681695
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

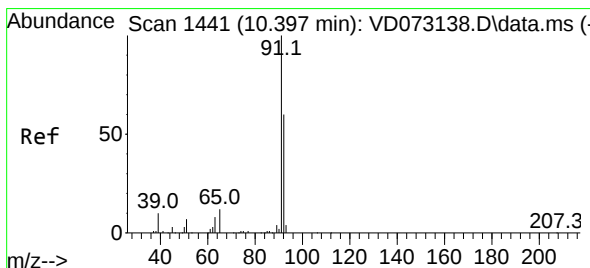
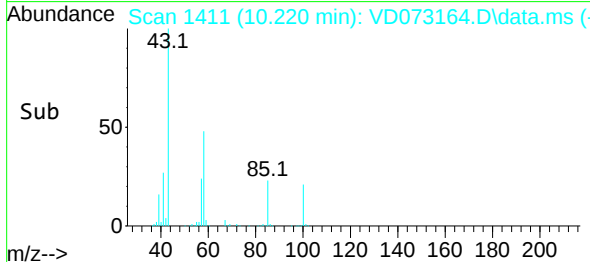
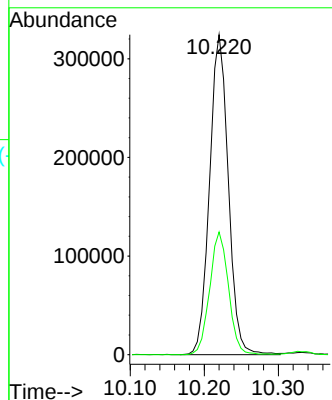
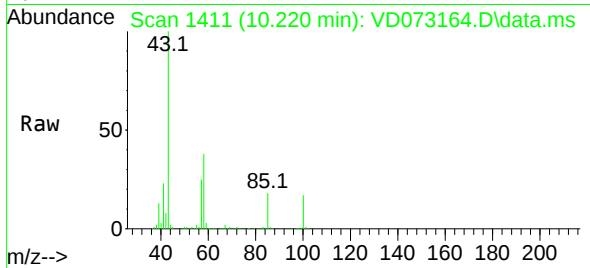




#51
4-Methyl-2-Pentanone
Concen: 293.118 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

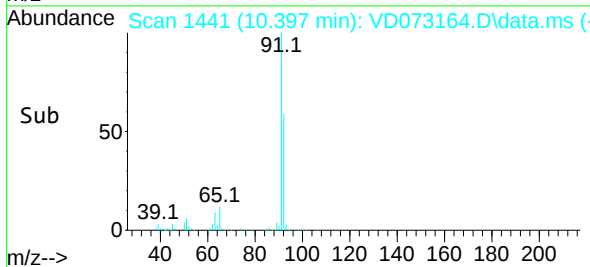
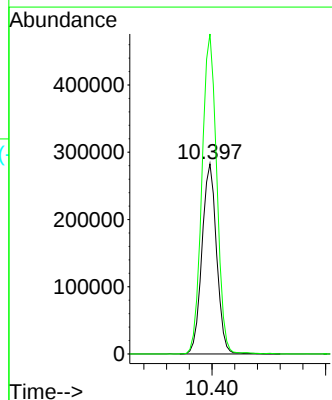
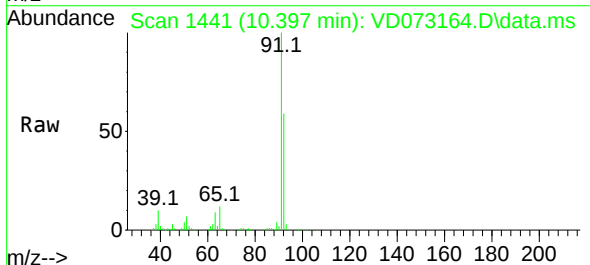
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

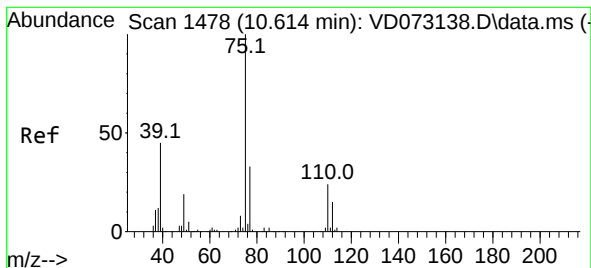
Tgt Ion: 43 Resp: 571610
Ion Ratio Lower Upper
43 100
58 38.4 28.6 43.0



#52
Toluene
Concen: 53.880 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 92 Resp: 504640
Ion Ratio Lower Upper
92 100
91 170.0 139.6 209.4

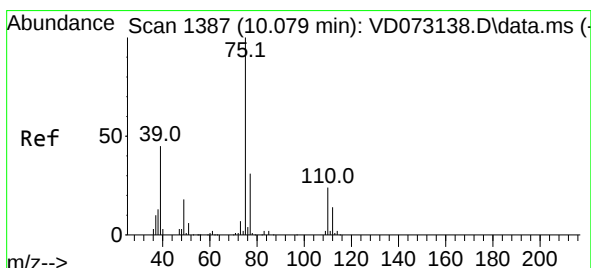
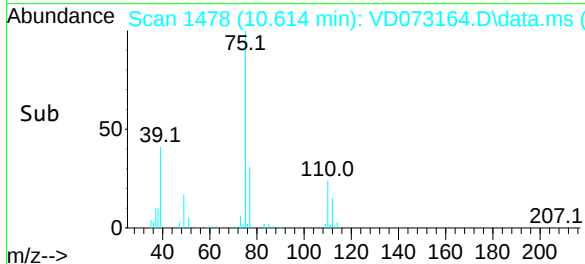
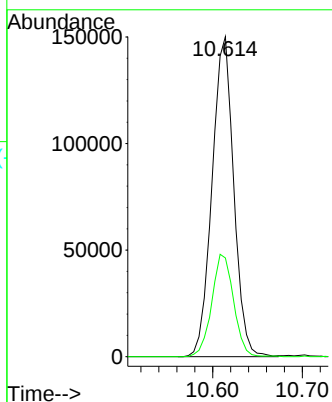
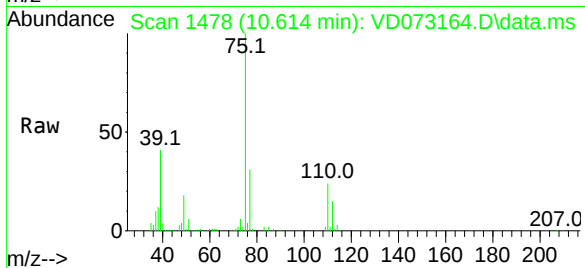




#53
t-1,3-Dichloropropene
Concen: 53.123 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

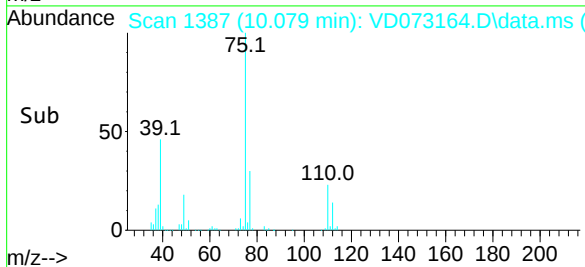
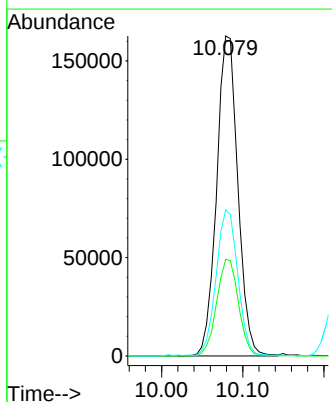
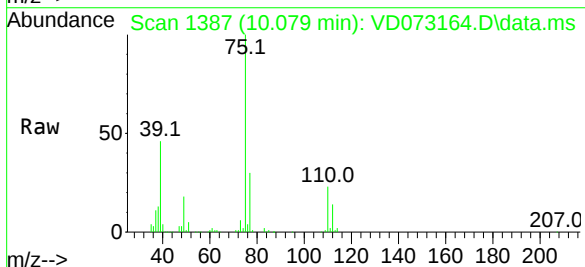
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

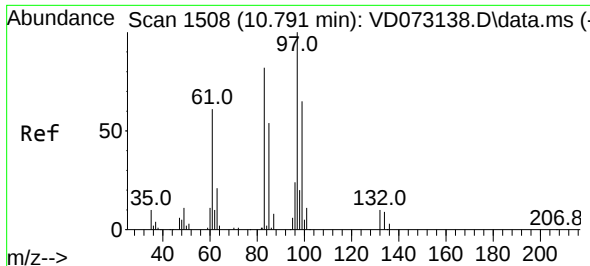
Tgt Ion: 75 Resp: 251737
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 52.173 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 75 Resp: 295861
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2
39 45.5 46.8 70.2#

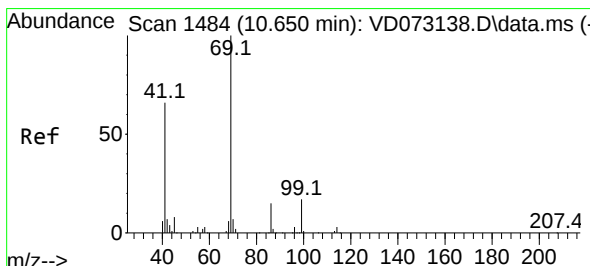
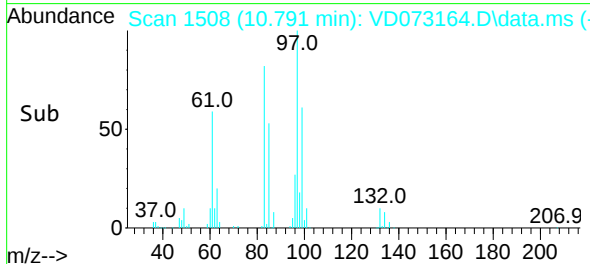
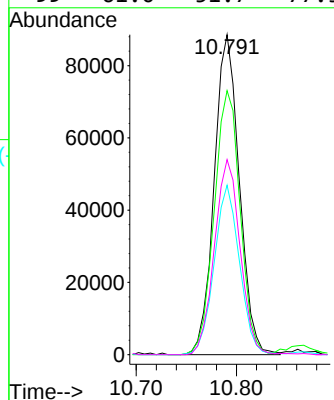
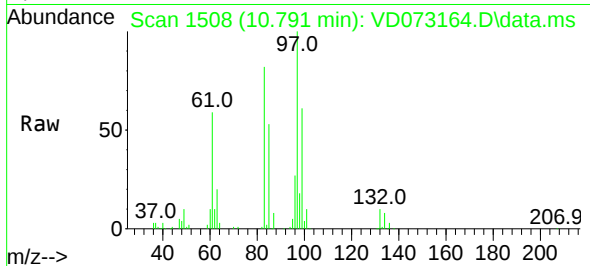




#55
1,1,2-Trichloroethane
Concen: 55.484 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

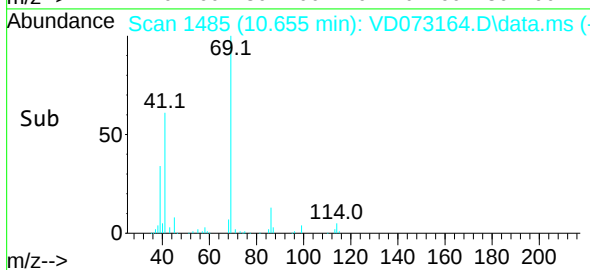
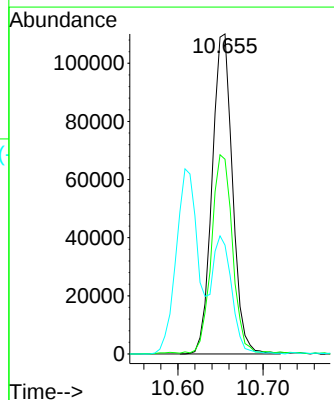
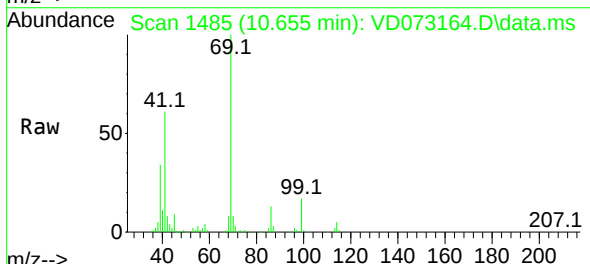
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

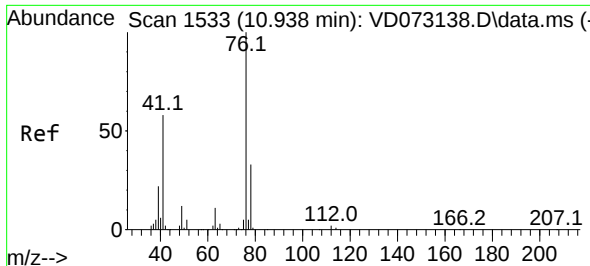
Tgt Ion:	97	Resp:	153810
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.0	103.4
85	53.0	42.6	63.8
99	61.0	51.7	77.5



#56
Ethyl methacrylate
Concen: 59.374 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion:	69	Resp:	183001
Ion	Ratio	Lower	Upper
69	100		
41	63.6	63.0	94.6
39	36.0	33.8	50.8

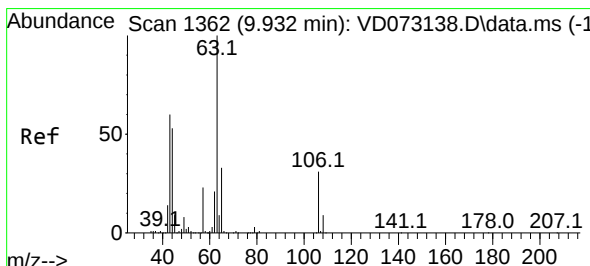
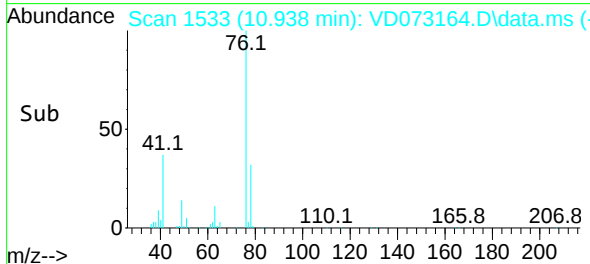
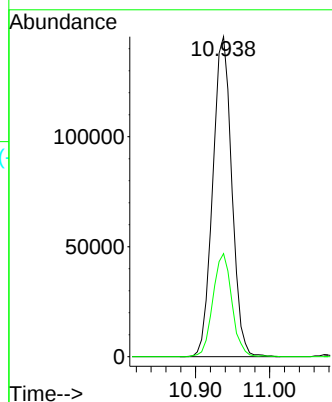
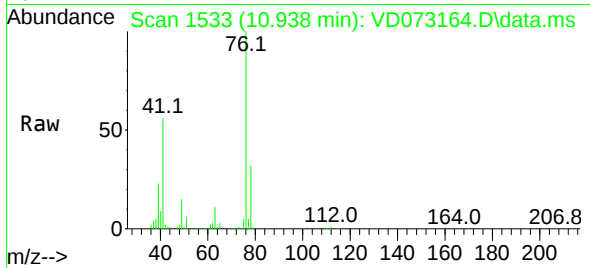




#57
1,3-Dichloropropane
Concen: 55.747 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

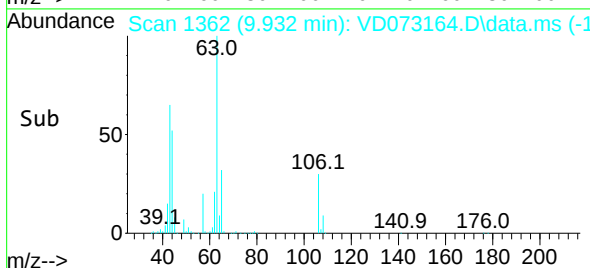
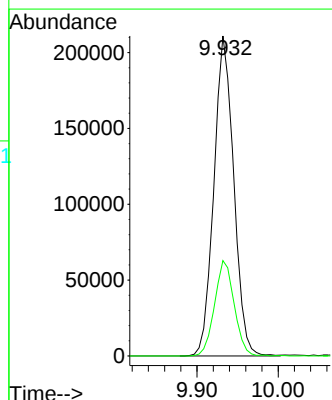
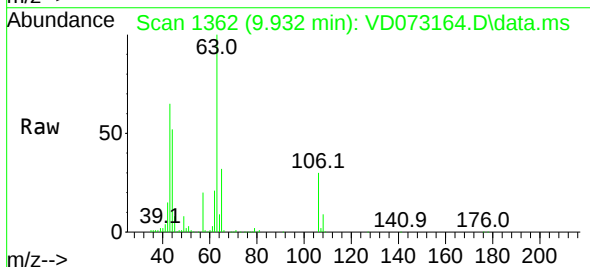
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

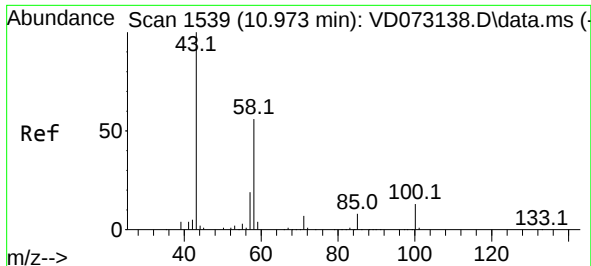
Tgt Ion: 76 Resp: 259304
Ion Ratio Lower Upper
76 100
78 32.1 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 245.141 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 63 Resp: 358302
Ion Ratio Lower Upper
63 100
106 29.5 21.4 32.0

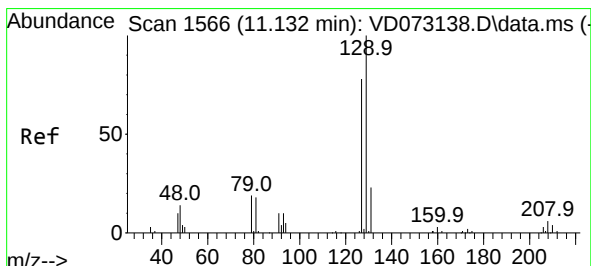
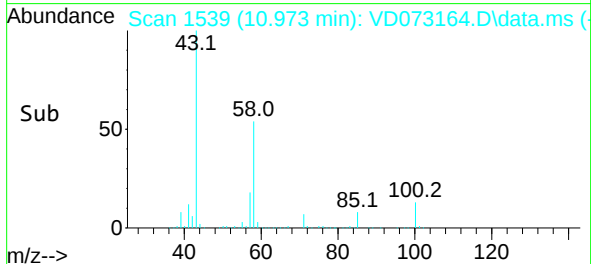
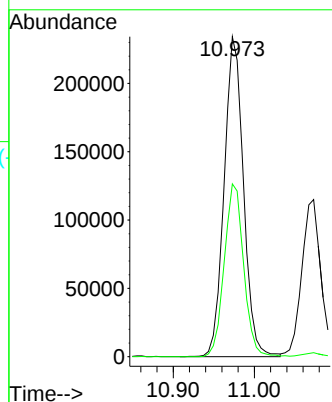
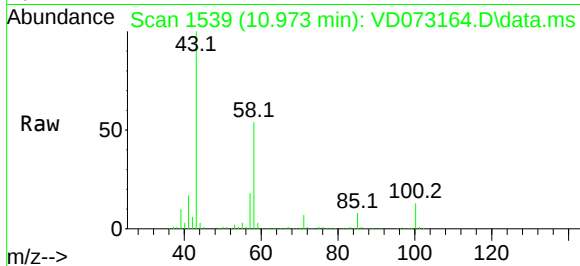




#59
2-Hexanone
Concen: 301.933 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

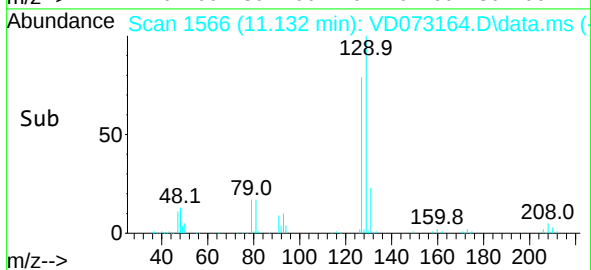
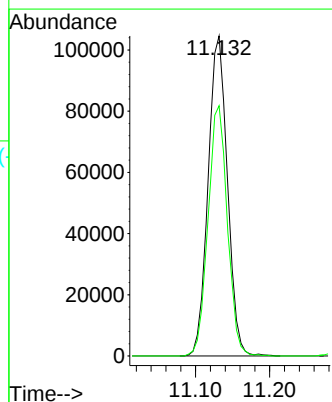
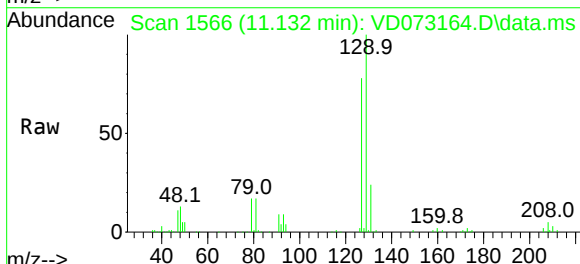
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

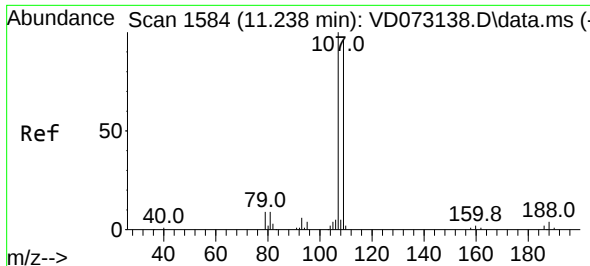
Tgt Ion: 43 Resp: 388188
Ion Ratio Lower Upper
43 100
58 54.2 25.3 75.9



#60
Dibromochloromethane
Concen: 54.706 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 129 Resp: 189099
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6

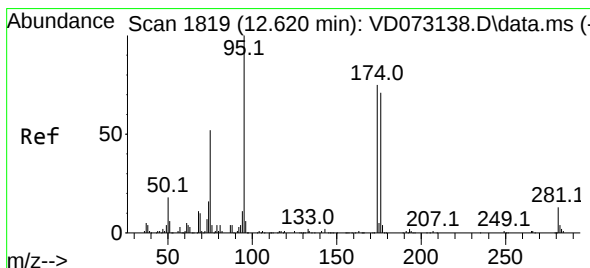
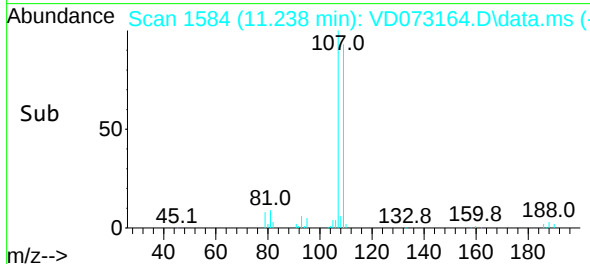
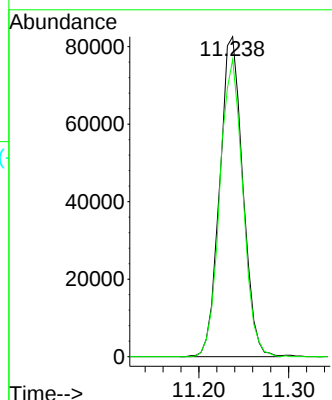
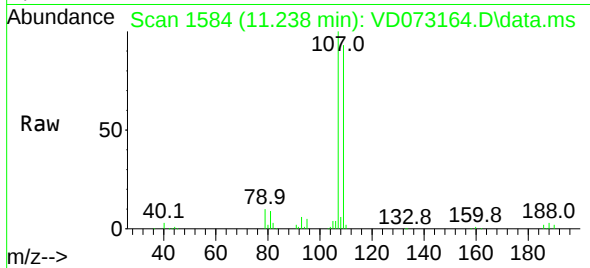




#61
1,2-Dibromoethane
Concen: 55.724 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

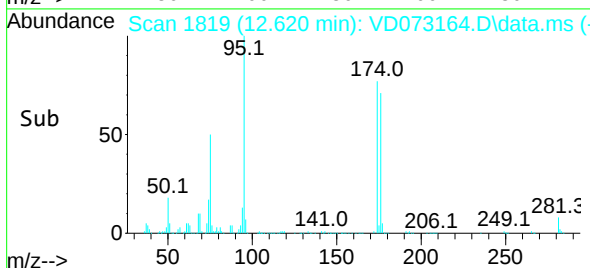
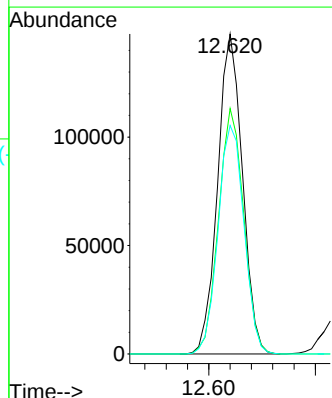
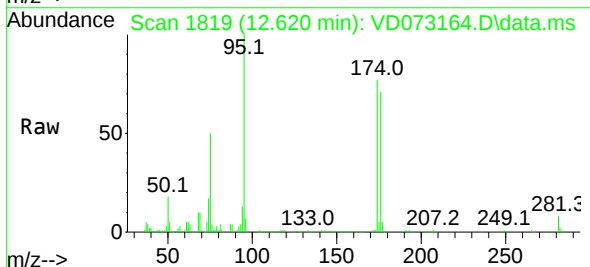
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

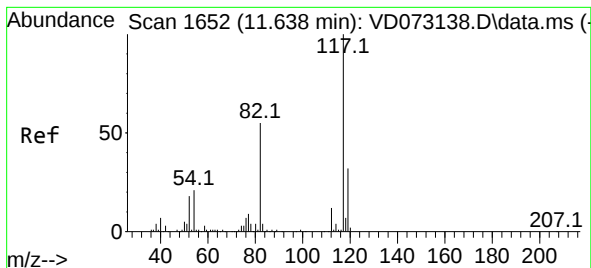
Tgt Ion:107 Resp: 147612
Ion Ratio Lower Upper
107 100
109 92.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 53.793 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 95 Resp: 237954
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 74.7 0.0 145.4

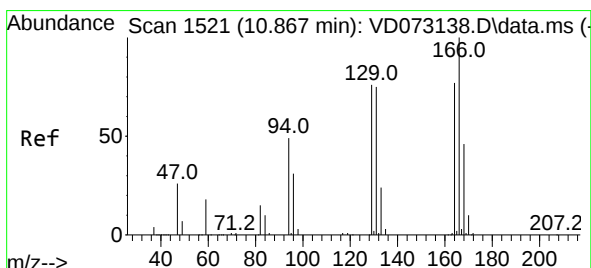
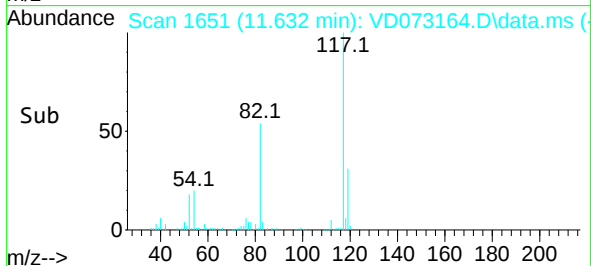
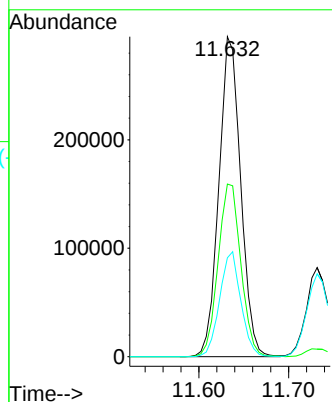
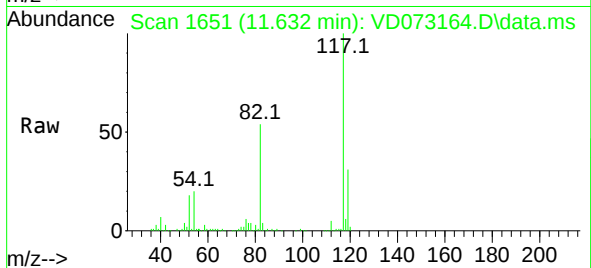




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

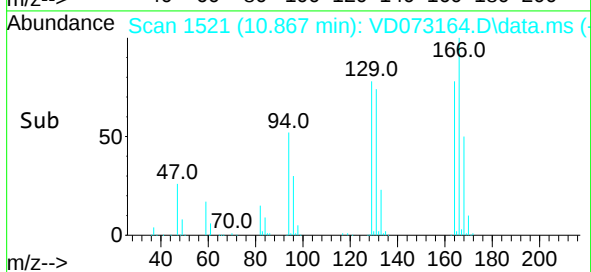
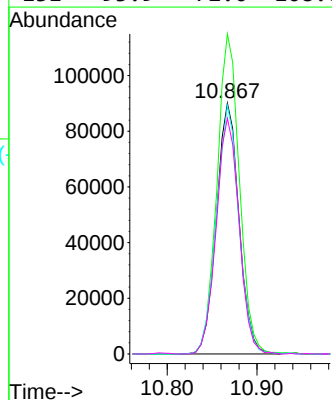
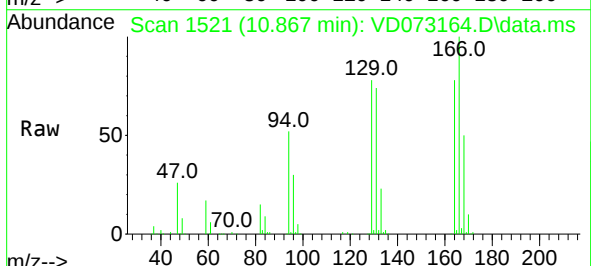
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

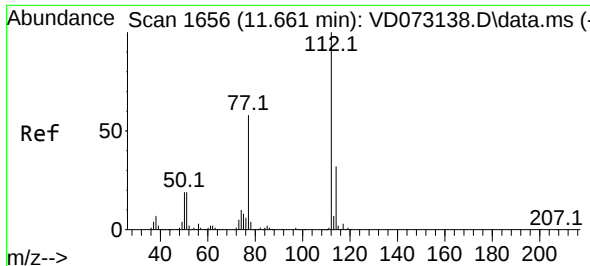
Tgt Ion:117 Resp: 497977
Ion Ratio Lower Upper
117 100
82 54.0 45.3 67.9
119 30.9 26.6 40.0



#64
Tetrachloroethene
Concen: 48.352 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion:164 Resp: 157706
Ion Ratio Lower Upper
164 100
166 127.5 98.5 147.7
129 99.0 74.6 111.8
131 93.9 72.0 108.0

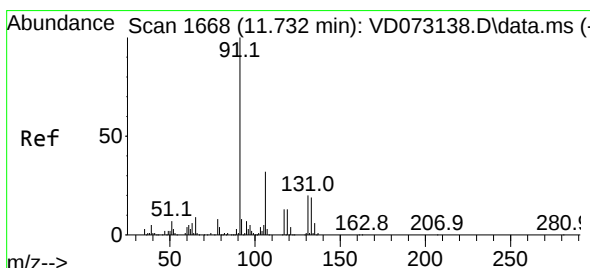
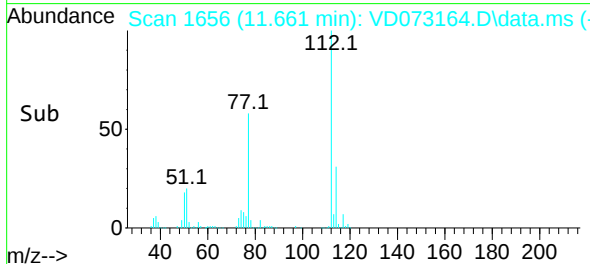
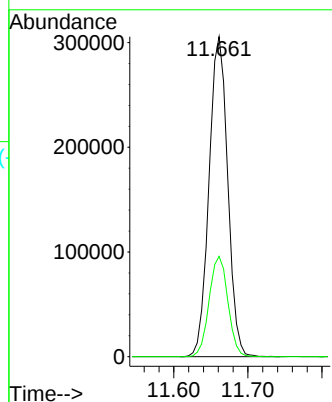
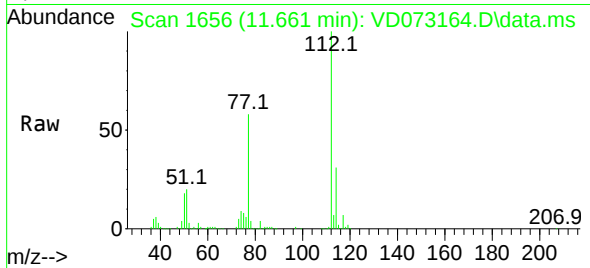




#65
Chlorobenzene
Concen: 52.348 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

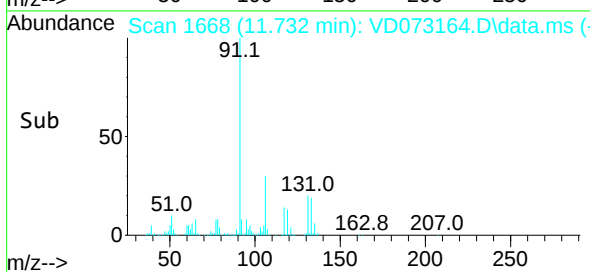
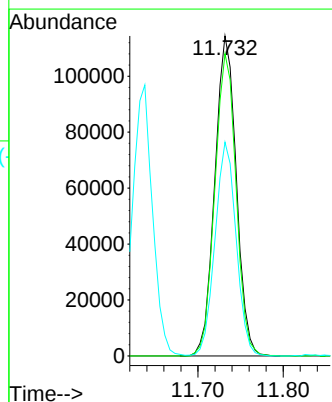
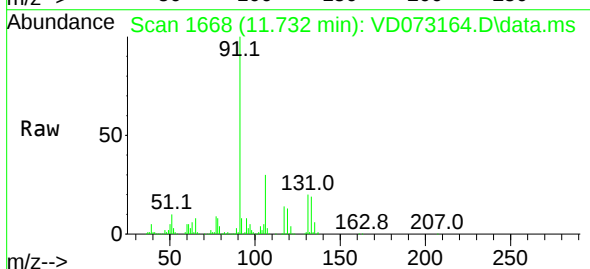
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

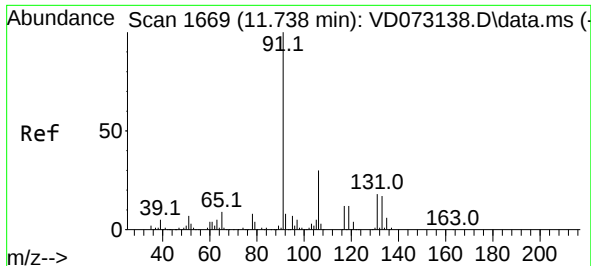
Tgt Ion:112 Resp: 534784
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.836 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion:131 Resp: 200185
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.3
119 65.7 31.9 95.9

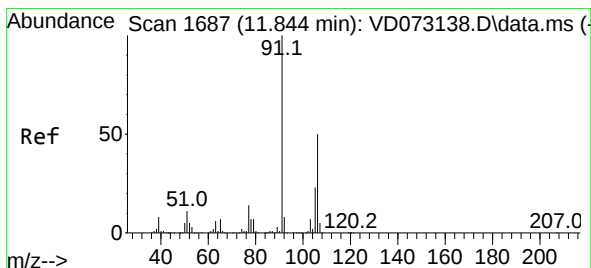
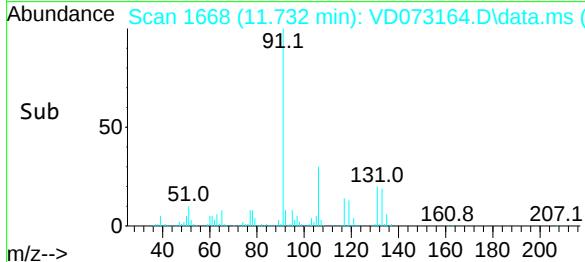
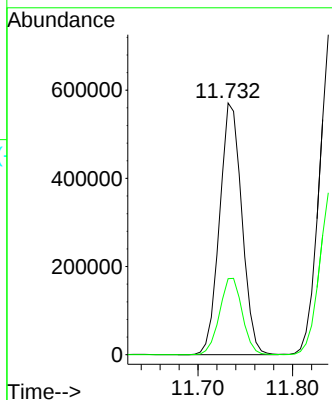
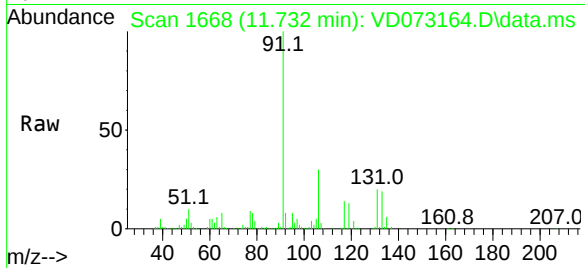




#67
Ethyl Benzene
Concen: 52.101 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

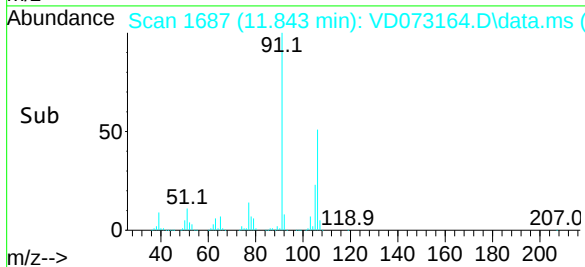
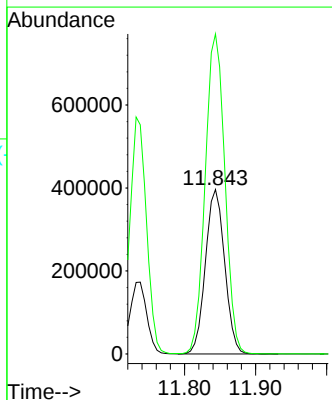
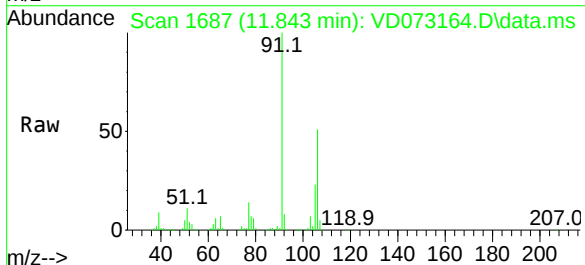
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

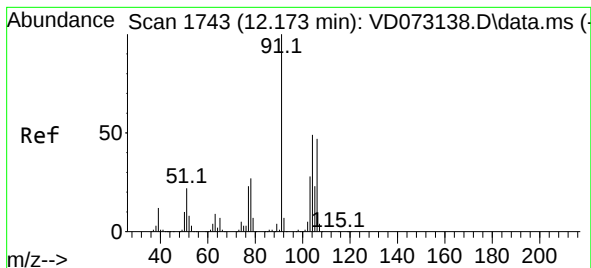
Tgt Ion: 91 Resp: 934361
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.4



#68
m/p-Xylenes
Concen: 106.939 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 106 Resp: 745092
Ion Ratio Lower Upper
106 100
91 198.4 163.7 245.5

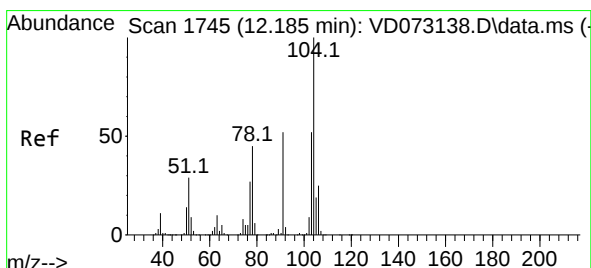
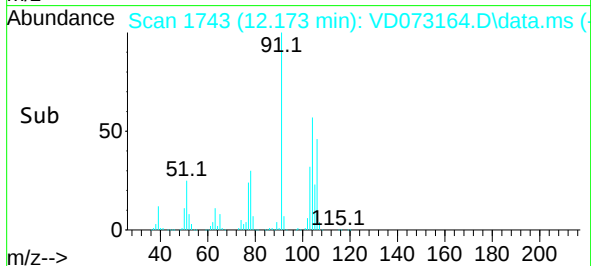
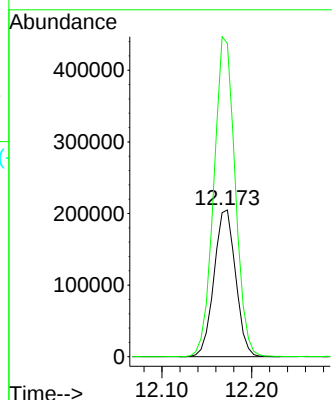
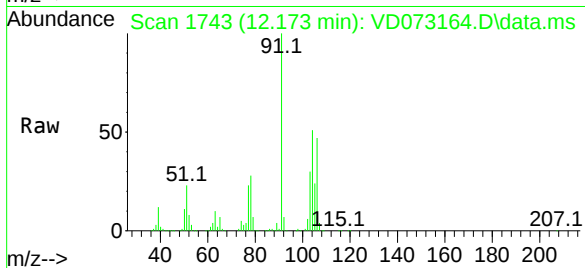




#69
o-Xylene
Concen: 53.486 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

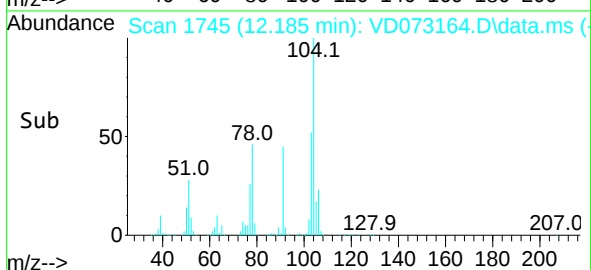
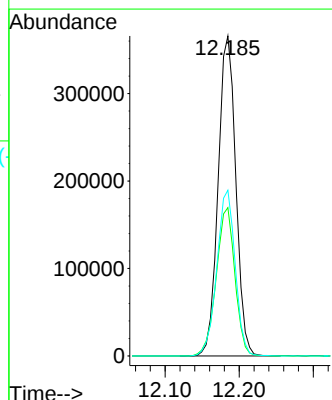
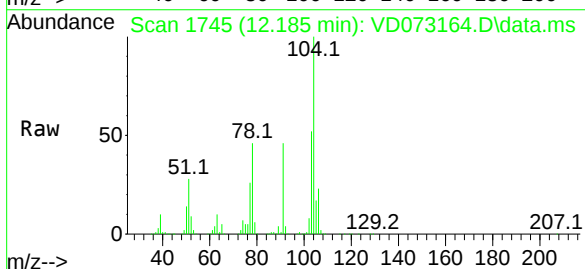
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

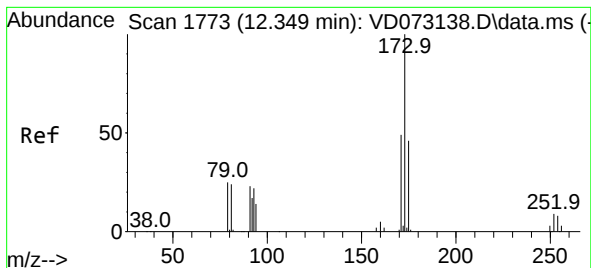
Tgt Ion:106 Resp: 342348
Ion Ratio Lower Upper
106 100
91 215.7 110.4 331.2



#70
Styrene
Concen: 55.043 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion:104 Resp: 606144
Ion Ratio Lower Upper
104 100
78 49.0 41.8 62.8
103 53.9 44.2 66.4





#71

Bromoform

Concen: 55.782 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

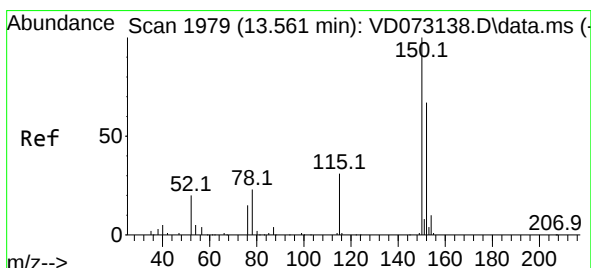
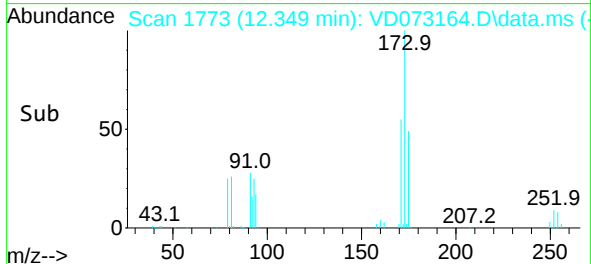
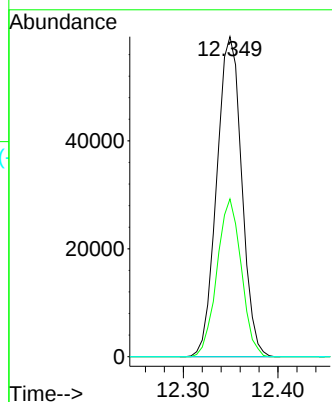
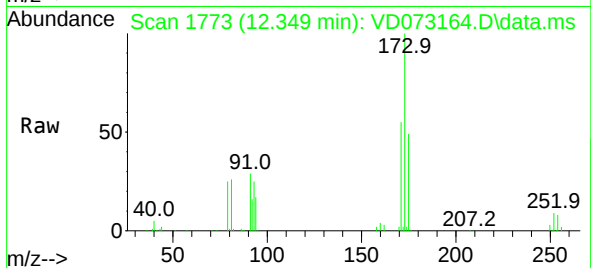
Tgt Ion:173 Resp: 108773

Ion Ratio Lower Upper

173 100

175 47.9 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: VD073164.D

Acq: 20 May 2022 03:28

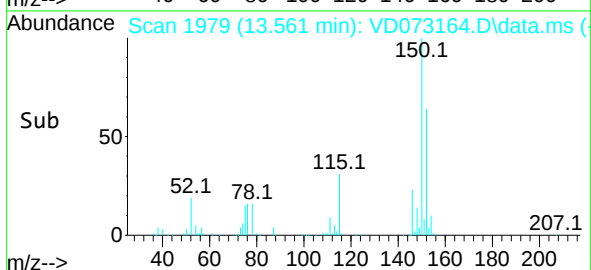
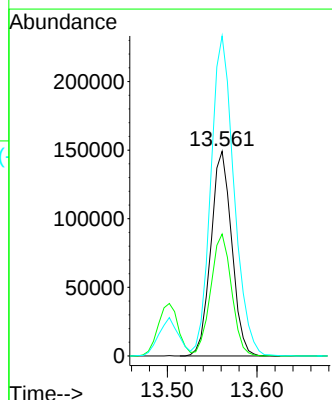
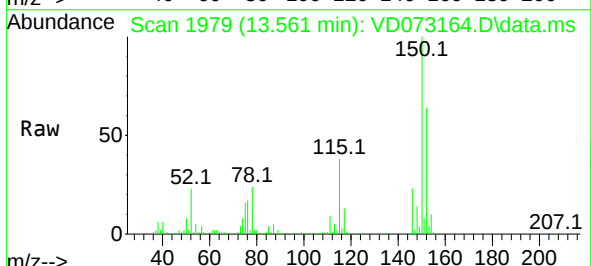
Tgt Ion:152 Resp: 240298

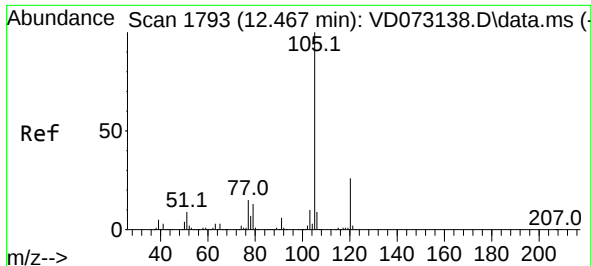
Ion Ratio Lower Upper

152 100

115 59.8 31.3 93.8

150 174.2 0.0 348.6

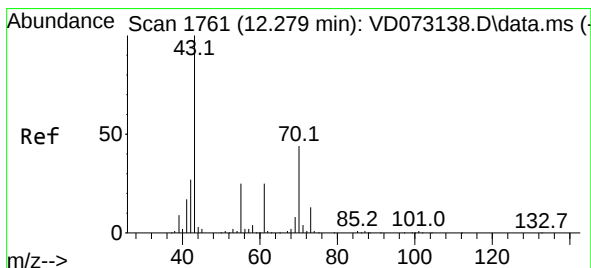
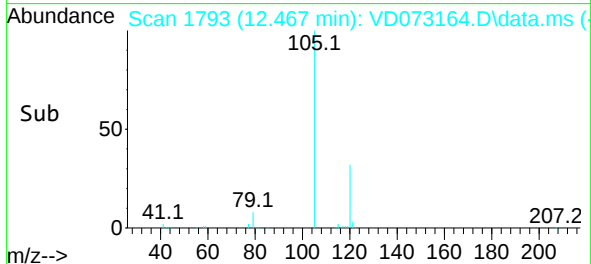
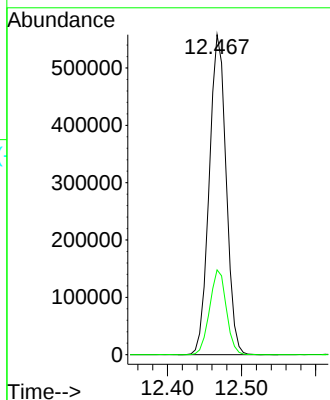
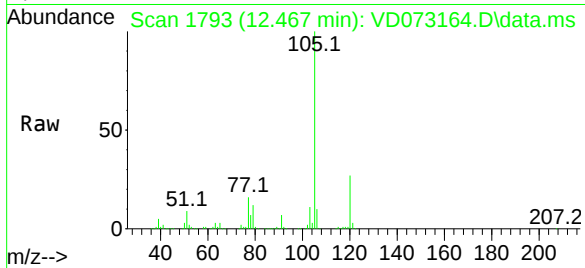




#73
Isopropylbenzene
Concen: 51.658 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

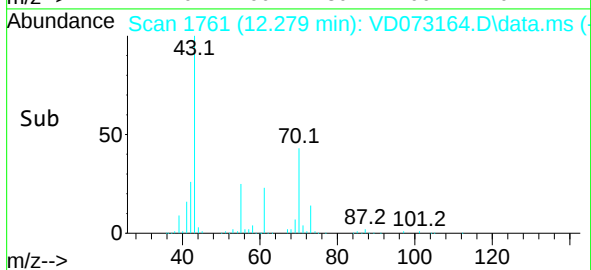
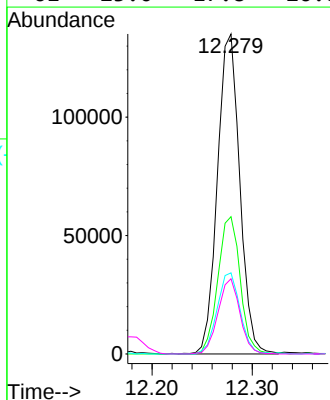
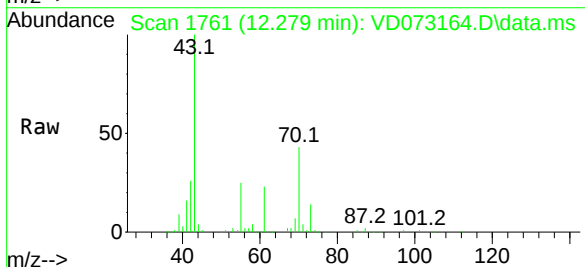
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

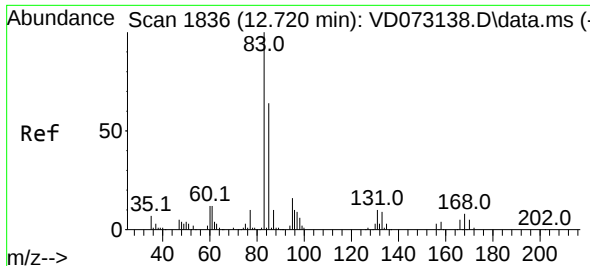
Tgt Ion:105 Resp: 884933
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 55.961 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 43 Resp: 209132
Ion Ratio Lower Upper
43 100
70 42.9 31.3 46.9
55 26.2 20.0 30.0
61 23.0 17.8 26.8

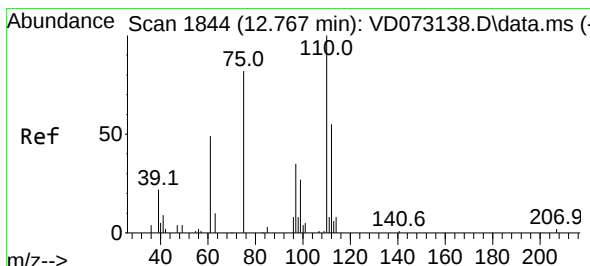
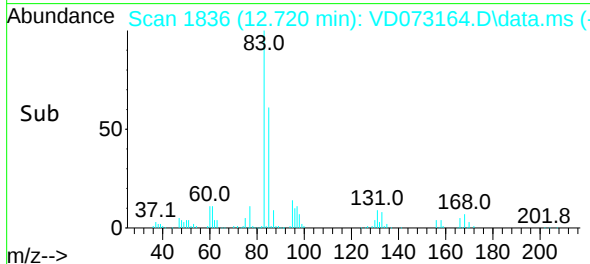
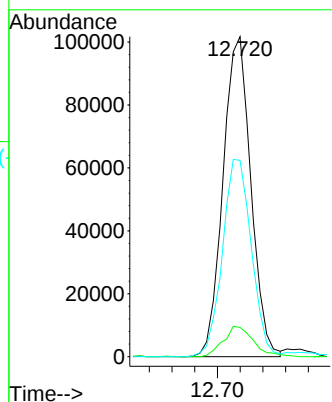
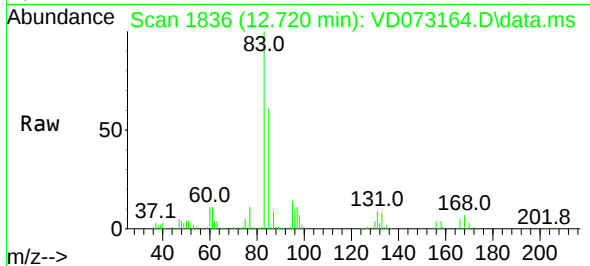




#75
1,1,2,2-Tetrachloroethane
Concen: 54.781 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

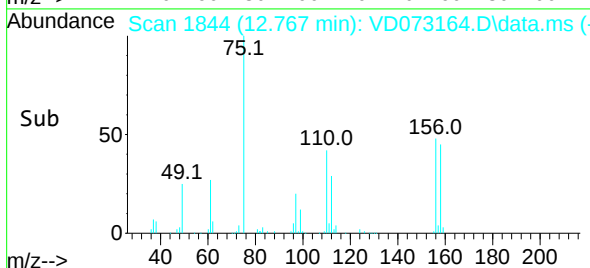
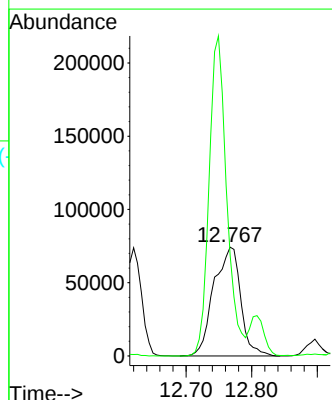
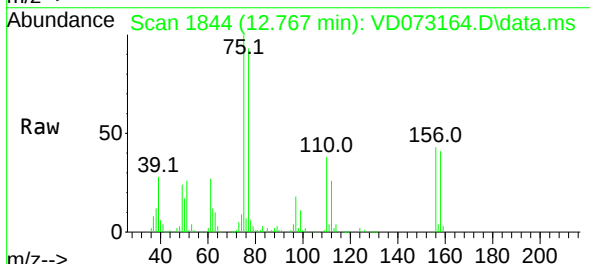
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

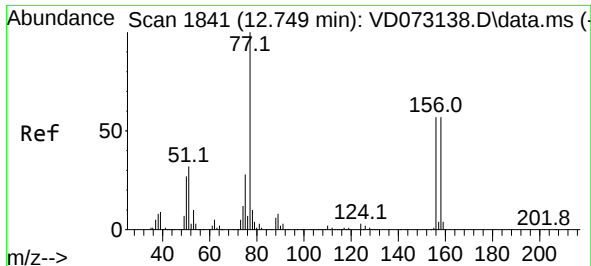
Tgt Ion: 83 Resp: 173077
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 64.0 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 89.560 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 75 Resp: 211160
Ion Ratio Lower Upper
75 100
77 193.9 0.0 0.0#

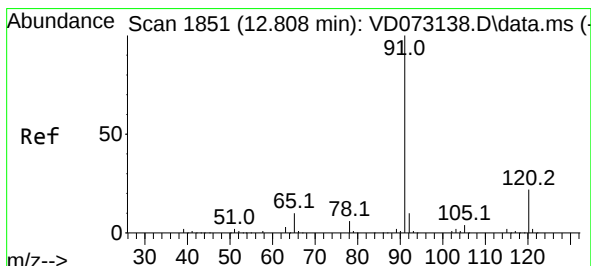
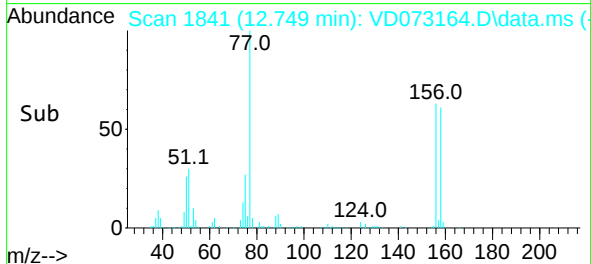
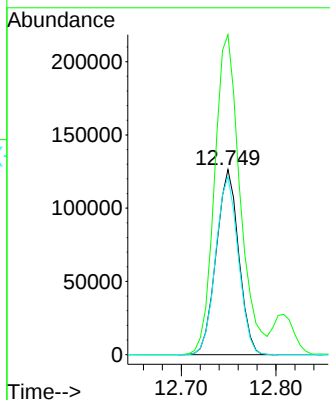
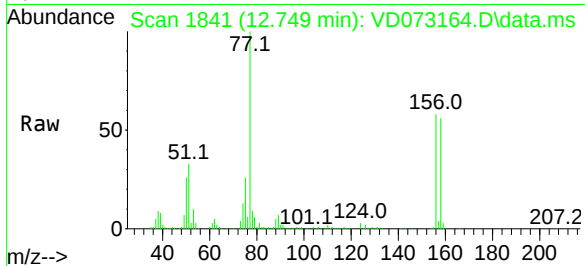




#77
Bromobenzene
Concen: 51.767 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

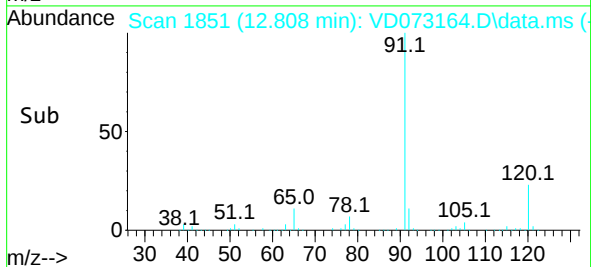
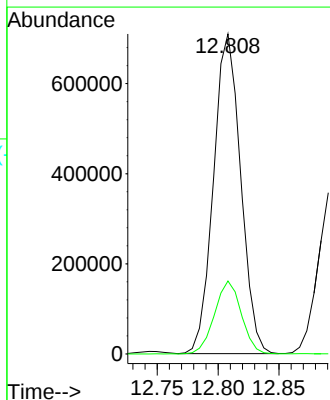
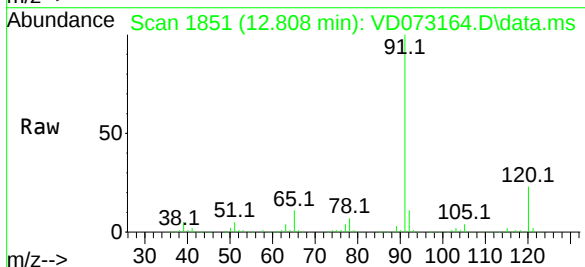
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

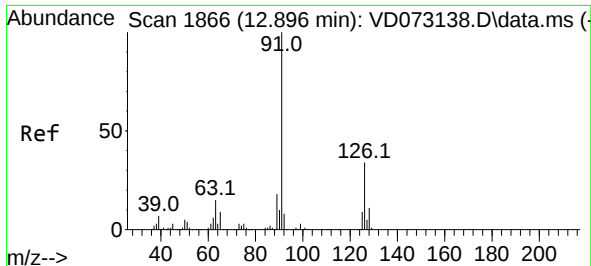
Tgt Ion:156 Resp: 208756
Ion Ratio Lower Upper
156 100
77 196.1 102.8 308.3
158 96.7 48.7 146.1



#78
n-propylbenzene
Concen: 51.227 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 91 Resp: 1101693
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9

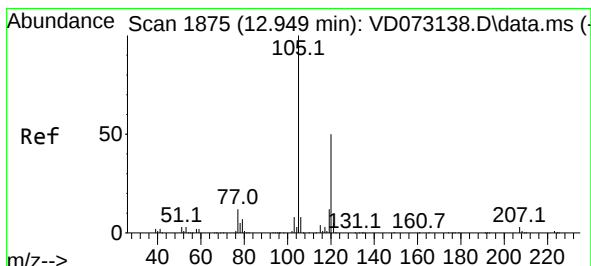
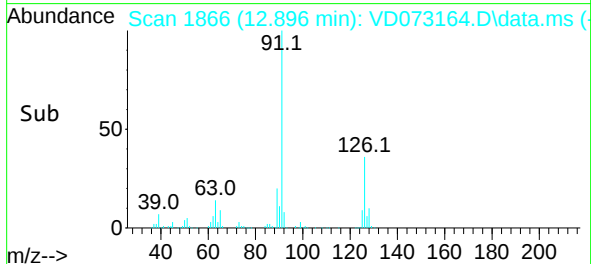
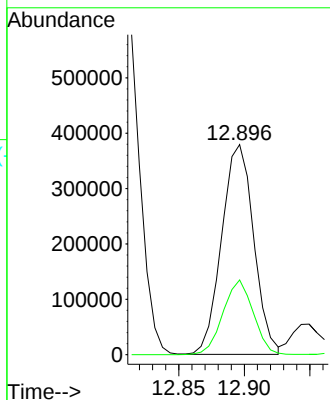
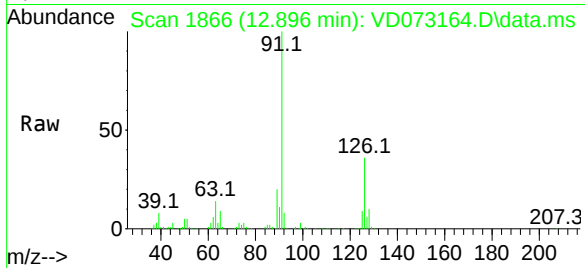




#79
2-Chlorotoluene
Concen: 51.973 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

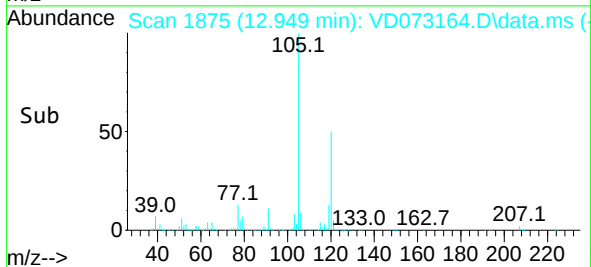
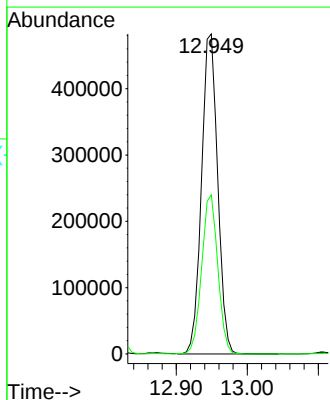
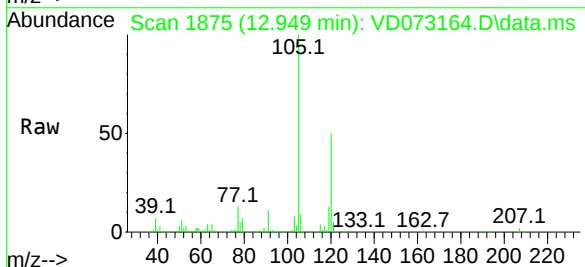
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

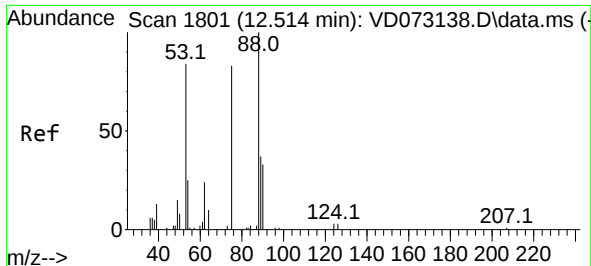
Tgt Ion: 91 Resp: 645367
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 52.685 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 105 Resp: 764535
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8

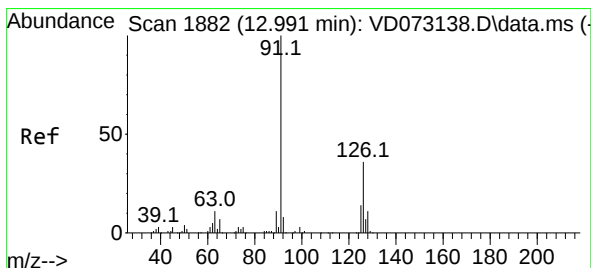
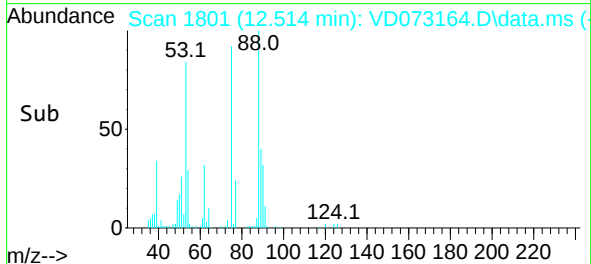
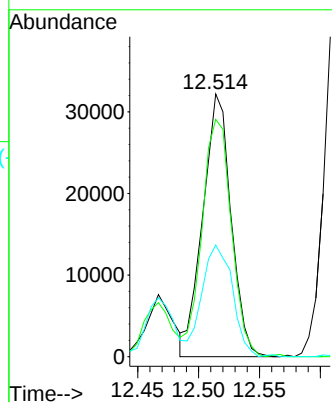
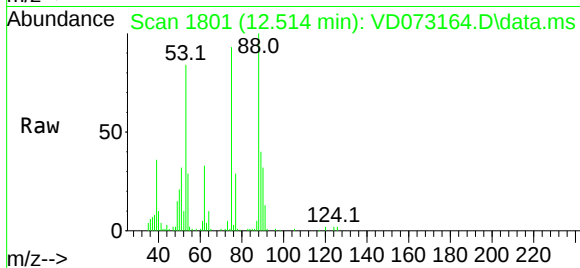




#81
trans-1,4-Dichloro-2-butene
Concen: 52.884 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

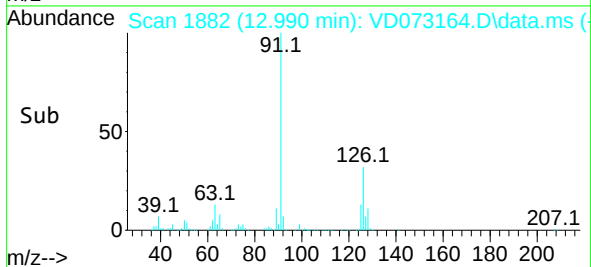
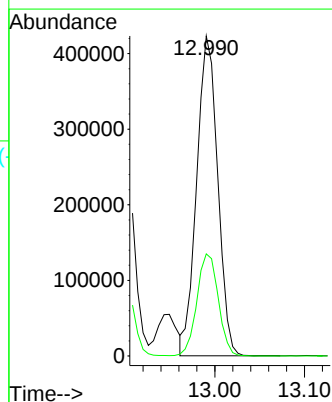
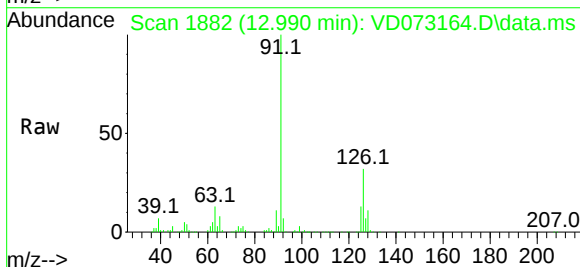
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

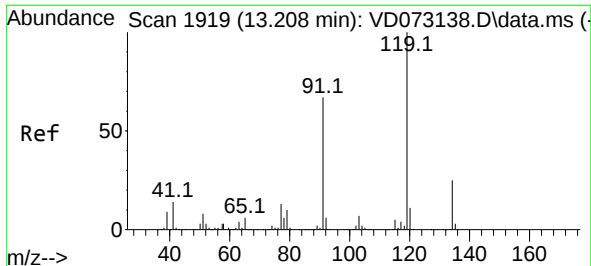
Tgt Ion: 75 Resp: 51938
Ion Ratio Lower Upper
75 100
53 94.1 86.5 129.7
89 44.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 52.764 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 91 Resp: 686745
Ion Ratio Lower Upper
91 100
126 32.5 16.5 49.5

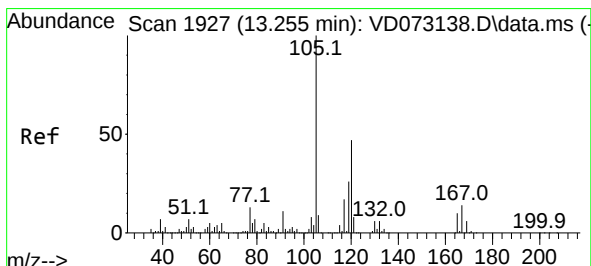
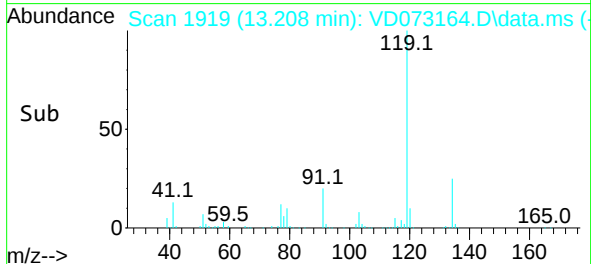
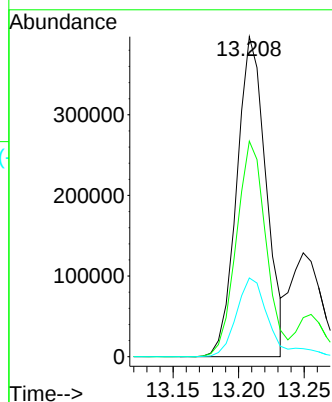
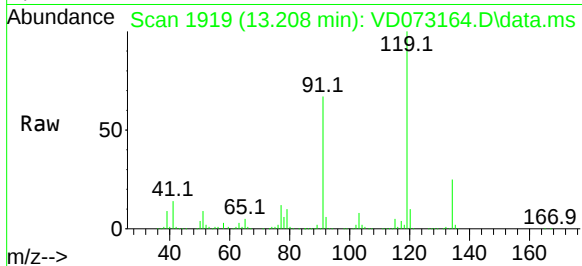




#83
tert-Butylbenzene
Concen: 50.526 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

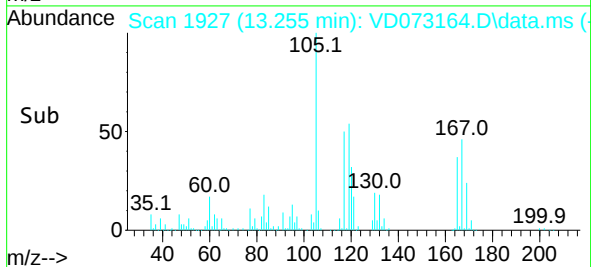
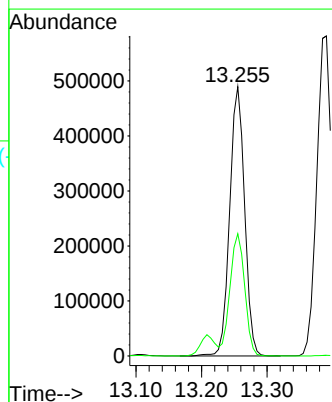
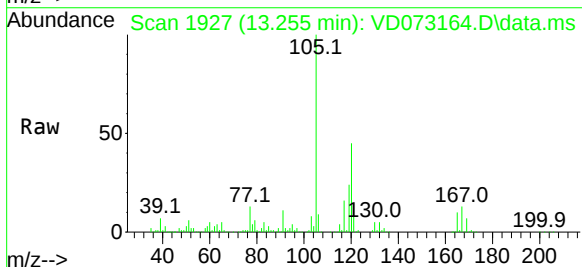
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

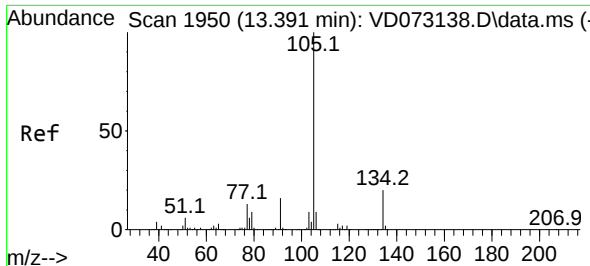
Tgt Ion:119 Resp: 617943
Ion Ratio Lower Upper
119 100
91 68.2 34.8 104.5
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 53.936 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion:105 Resp: 773219
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8

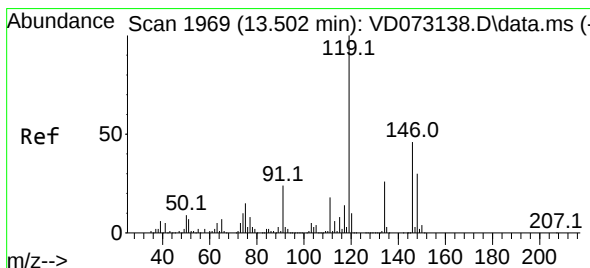
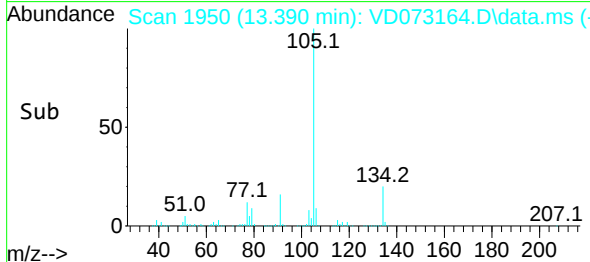
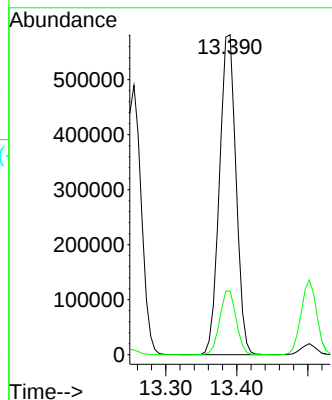
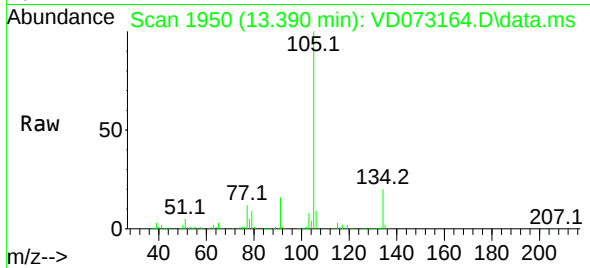




#85
 sec-Butylbenzene
 Concen: 50.353 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD073164.D
 Acq: 20 May 2022 03:28

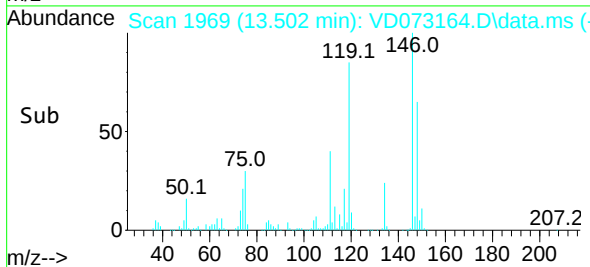
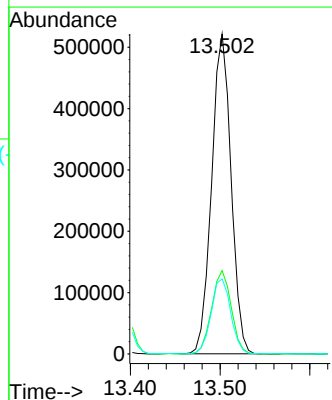
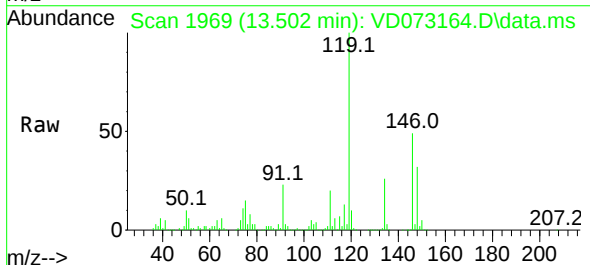
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

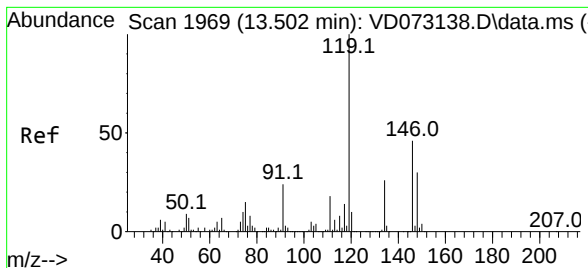
Tgt Ion:105 Resp: 940307
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 51.418 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073164.D
 Acq: 20 May 2022 03:28

Tgt Ion:119 Resp: 782717
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.6
 91 23.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 51.222 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

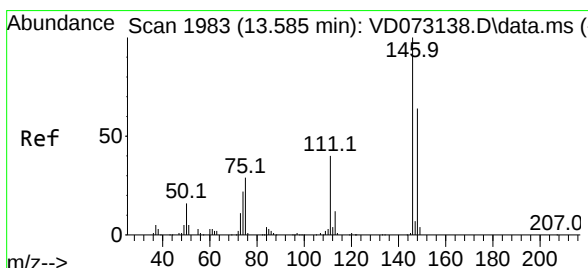
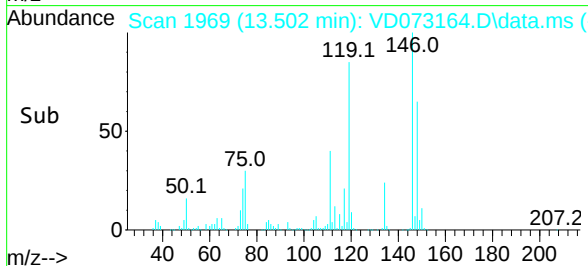
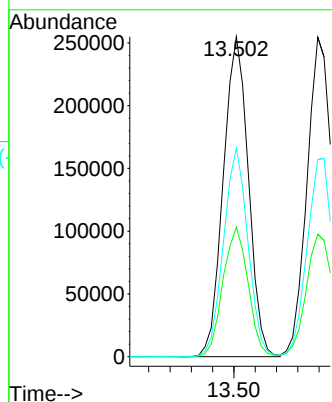
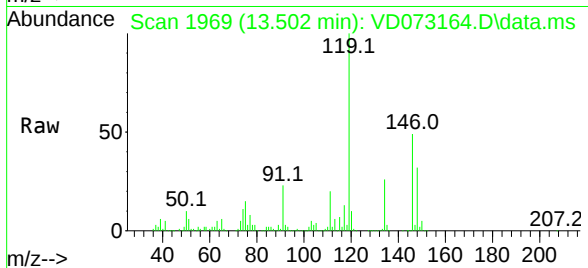
Tgt Ion:146 Resp: 416346

Ion Ratio Lower Upper

146 100

111 40.6 20.4 61.3

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.587 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

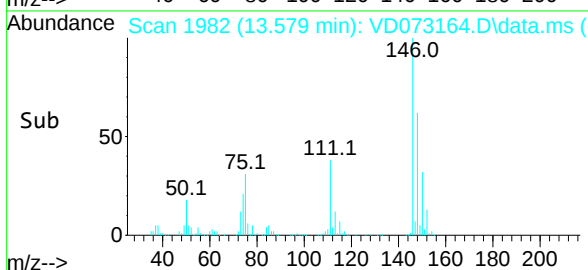
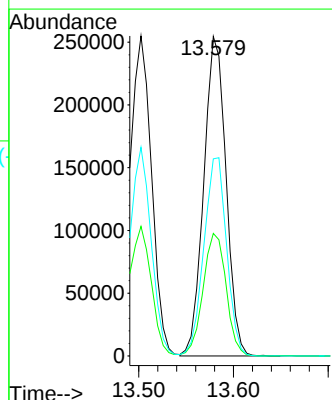
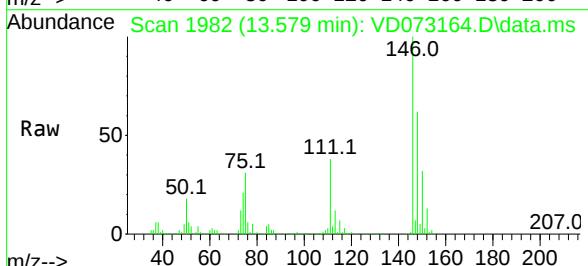
Tgt Ion:146 Resp: 415072

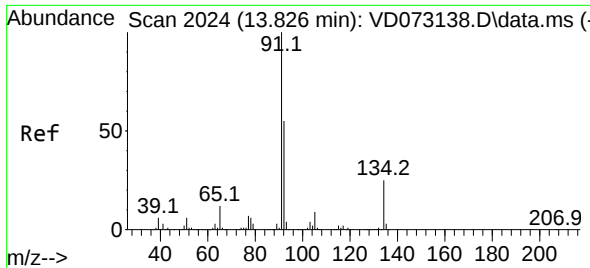
Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

148 63.6 31.7 95.1

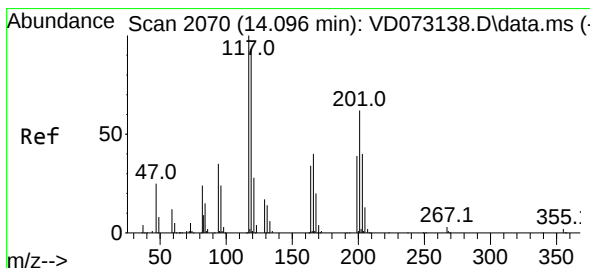
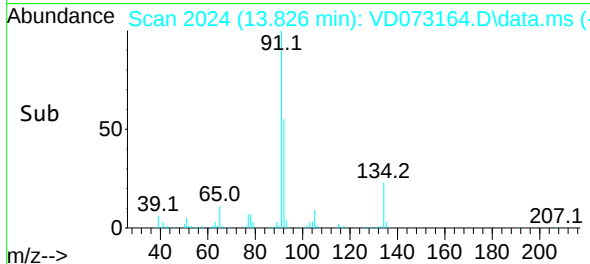
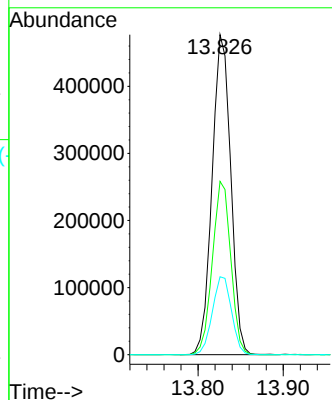
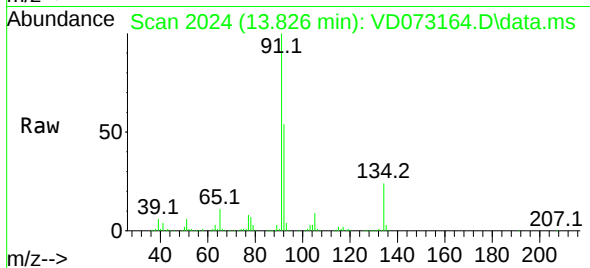




#89
n-Butylbenzene
Concen: 50.019 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

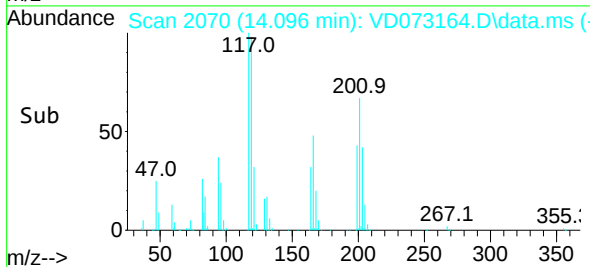
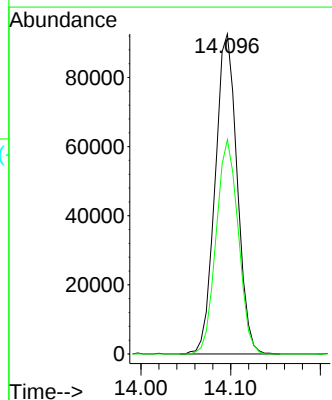
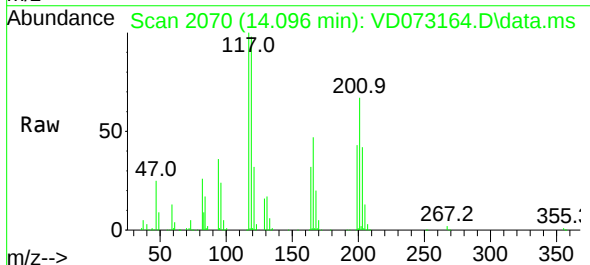
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

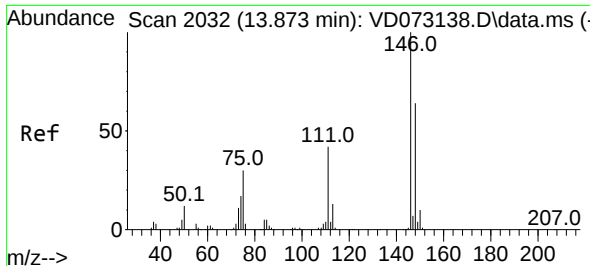
Tgt Ion: 91 Resp: 725494
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 24.9 12.3 36.9



#90
Hexachloroethane
Concen: 50.003 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 117 Resp: 157500
Ion Ratio Lower Upper
117 100
201 67.3 33.4 100.2

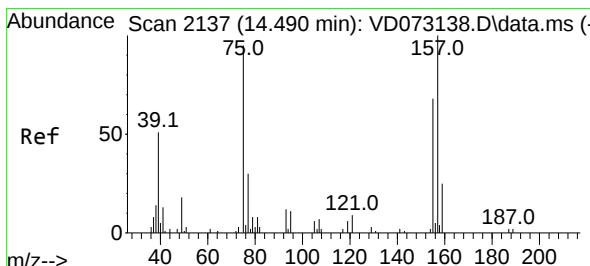
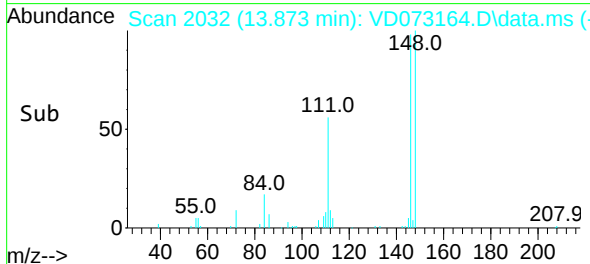
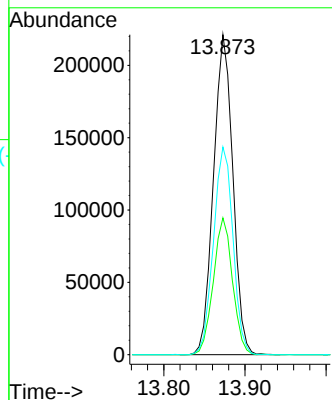
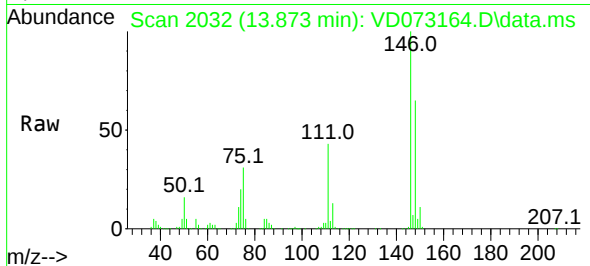




#91
1,2-Dichlorobenzene
Concen: 52.143 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

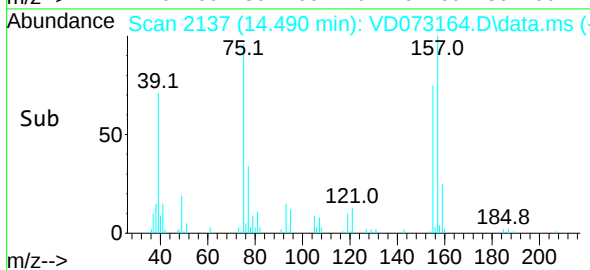
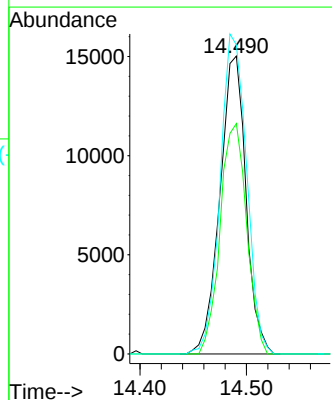
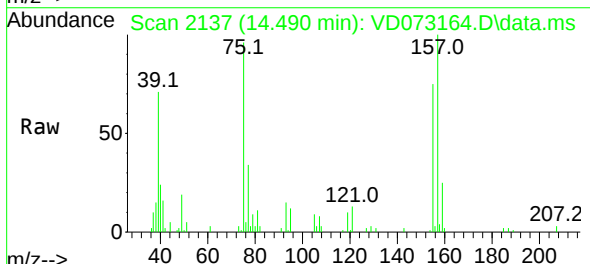
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

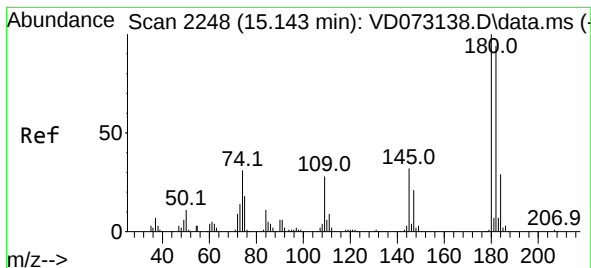
Tgt Ion:146 Resp: 366712
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 65.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.816 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073164.D
Acq: 20 May 2022 03:28

Tgt Ion: 75 Resp: 25554
Ion Ratio Lower Upper
75 100
155 78.3 36.8 110.3
157 108.5 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 52.200 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

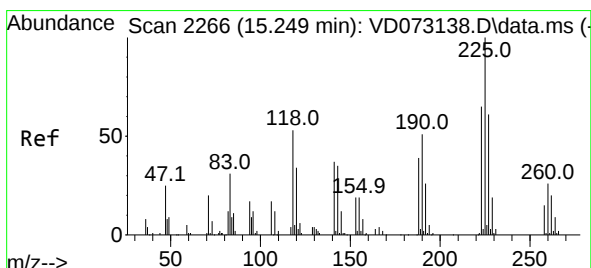
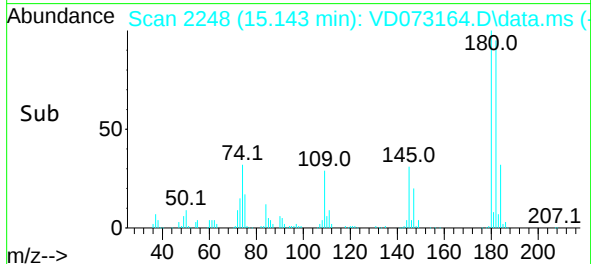
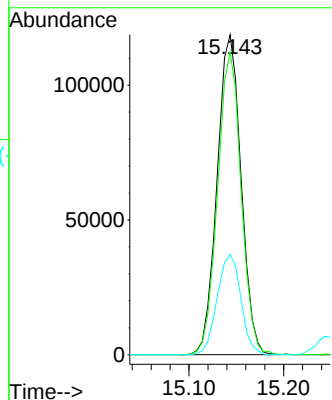
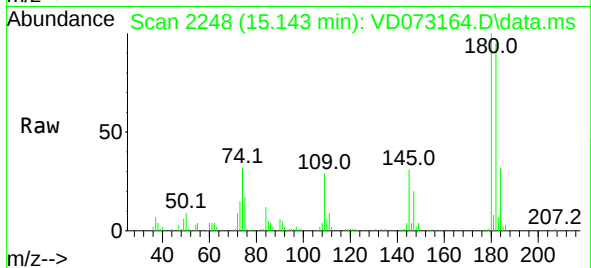
Tgt Ion:180 Resp: 208420

Ion Ratio Lower Upper

180 100

182 92.8 47.3 142.0

145 31.0 16.2 48.5



#94

Hexachlorobutadiene

Concen: 48.069 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

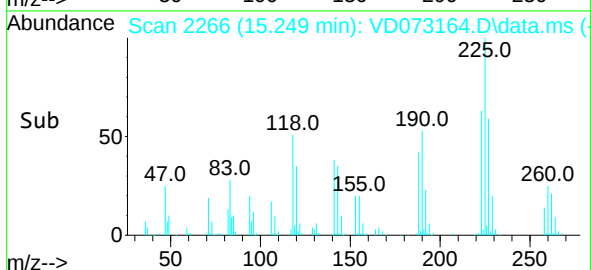
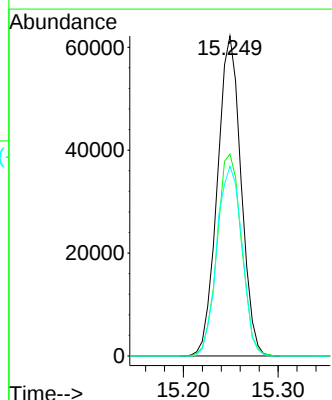
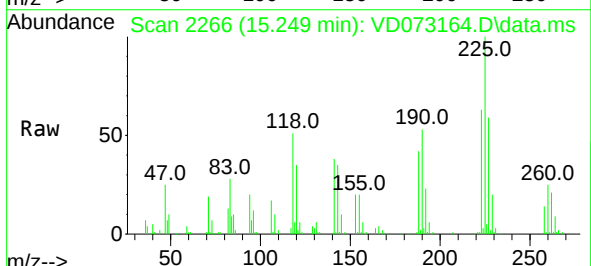
Tgt Ion:225 Resp: 108152

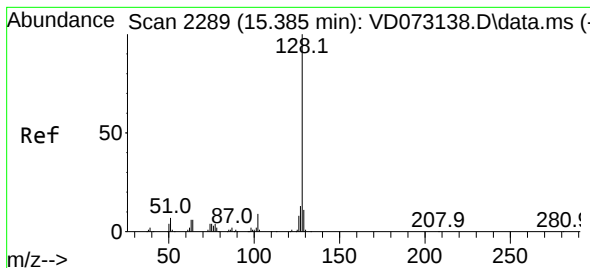
Ion Ratio Lower Upper

225 100

223 65.1 31.1 93.2

227 62.7 32.4 97.0





#95

Naphthalene

Concen: 51.593 ug/l

RT: 15.384 min Scan# 2289

Delta R.T. -0.001 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

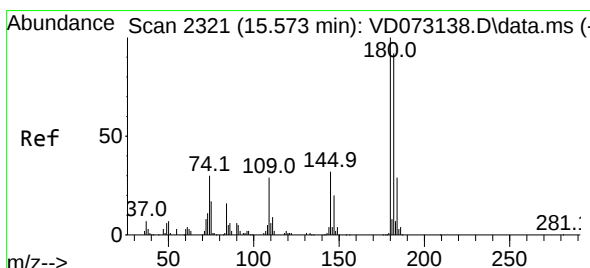
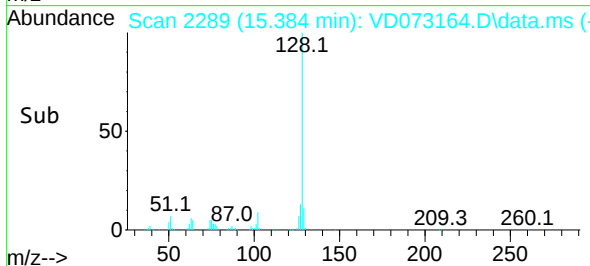
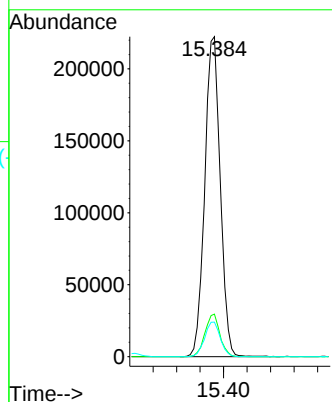
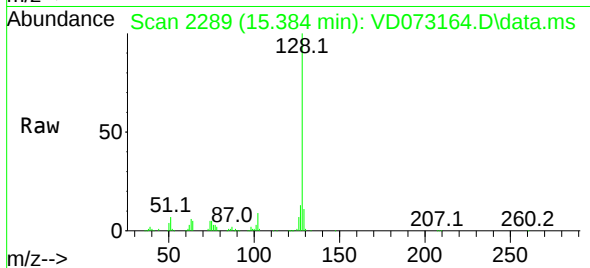
Tgt Ion:128 Resp: 406659

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 53.402 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073164.D

Acq: 20 May 2022 03:28

Tgt Ion:180 Resp: 189024

Ion Ratio Lower Upper

180 100

182 93.2 47.6 142.9

145 34.0 17.1 51.3

