

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073421.D
 Acq On : 27 May 2022 20:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:48:14 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	392222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	689557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	644773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	304180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232863	53.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.440%	
35) Dibromofluoromethane	7.909	113	228382	50.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.380%	
50) Toluene-d8	10.332	98	904736	53.940	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.620	95	334342	56.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	226470	57.785	ug/l	98
3) Chloromethane	2.209	50	248009	55.963	ug/l	98
4) Vinyl Chloride	2.344	62	236291	58.309	ug/l	97
5) Bromomethane	2.756	94	157526	61.569	ug/l	93
6) Chloroethane	2.915	64	150460	60.397	ug/l	99
7) Trichlorofluoromethane	3.268	101	387880	54.131	ug/l	99
8) Diethyl Ether	3.709	74	123526	62.736	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	222618	52.070	ug/l	96
10) Methyl Iodide	4.291	142	285503	61.895	ug/l	96
11) Tert butyl alcohol	5.215	59	155603	231.375	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	217684	55.226	ug/l	94
13) Acrolein	3.915	56	87224	334.419	ug/l #	14
14) Allyl chloride	4.709	41	380061	59.734	ug/l	92
15) Acrylonitrile	5.409	53	305094	338.856	ug/l	94
16) Acetone	4.150	43	247459	329.594	ug/l	99
17) Carbon Disulfide	4.403	76	683010	52.270	ug/l	100
18) Methyl Acetate	4.715	43	143858	68.906	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	575744	64.115	ug/l #	1
20) Methylene Chloride	4.950	84	279084	59.350	ug/l	89
21) trans-1,2-Dichloroethene	5.468	96	257798	54.092	ug/l	92
22) Diisopropyl ether	6.362	45	783156	58.717	ug/l	93
23) Vinyl Acetate	6.303	43	2189789	307.796	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	460996	53.847	ug/l	99
25) 2-Butanone	7.209	43	364045	331.418	ug/l	94
26) 2,2-Dichloropropane	7.203	77	359510	49.240	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	292224	55.414	ug/l	92
28) Bromochloromethane	7.538	49	145072	49.186	ug/l #	82
29) Tetrahydrofuran	7.556	42	235864	332.074	ug/l	93
30) Chloroform	7.703	83	583353	65.267	ug/l	100
31) Cyclohexane	7.979	56	1176904	155.371	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	409834	52.427	ug/l	97
36) 1,1-Dichloropropene	8.103	75	348768	50.965	ug/l	95
37) Ethyl Acetate	7.285	43	164467	60.844	ug/l #	95
38) Carbon Tetrachloride	8.091	117	342608	49.389	ug/l	99
39) Methylcyclohexane	9.350	83	1867469	244.862	ug/l	98
40) Benzene	8.344	78	1341961	68.042	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	90612	57.535	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	302899	55.195	ug/l	99
43) Isopropyl Acetate	8.444	43	412572	82.576	ug/l	93
44) Trichloroethene	9.109	130	278666	52.985	ug/l	97
45) 1,2-Dichloropropane	9.379	63	271884	54.739	ug/l	98
46) Dibromomethane	9.467	93	143255	52.514	ug/l	95
47) Bromodichloromethane	9.650	83	427476	61.244	ug/l	94
48) Methyl methacrylate	9.450	41	160619	63.898	ug/l	91
49) 1,4-Dioxane	9.456	88	34111	1210.843	ug/l #	77
51) 4-Methyl-2-Pentanone	10.220	43	820555	316.209	ug/l	94
52) Toluene	10.397	92	698854	56.074	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	330568	52.423	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	383454	50.815	ug/l	91
55) 1,1,2-Trichloroethane	10.785	97	328363	89.015	ug/l	89
56) Ethyl methacrylate	10.650	69	341205	83.192	ug/l	96
57) 1,3-Dichloropropane	10.938	76	341005	55.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	543605	276.465	ug/l	94
59) 2-Hexanone	10.973	43	730482	426.975	ug/l	88
60) Dibromochloromethane	11.132	129	242875	52.802	ug/l	98
61) 1,2-Dibromoethane	11.238	107	199257	56.527	ug/l	94
64) Tetrachloroethene	10.867	164	216000	51.147	ug/l	98
65) Chlorobenzene	11.661	112	701483	53.033	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	254438	51.866	ug/l	99
67) Ethyl Benzene	11.732	91	1775867	76.479	ug/l	99
68) m/p-Xylenes	11.844	106	1258992	139.557	ug/l	99
69) o-Xylene	12.167	106	510656	61.618	ug/l	98
70) Styrene	12.185	104	810824	56.866	ug/l	99
71) Bromoform	12.350	173	138648	54.915	ug/l #	100
73) Isopropylbenzene	12.467	105	1281650	59.104	ug/l	100
74) N-amyl acetate	12.273	43	361229	76.360	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	221858	55.474	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	281314	94.257	ug/l #	100
77) Bromobenzene	12.749	156	280210	54.893	ug/l	95
78) n-propylbenzene	12.808	91	1606697	59.019	ug/l	99
79) 2-Chlorotoluene	12.897	91	887367	56.454	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1160451	63.174	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	69026	55.523	ug/l	92
82) 4-Chlorotoluene	12.991	91	893043	54.204	ug/l	100
83) tert-Butylbenzene	13.208	119	859476	55.516	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	1356889	74.773	ug/l	100
85) sec-Butylbenzene	13.385	105	1304111	55.168	ug/l	98
86) p-Isopropyltoluene	13.502	119	1089998	56.566	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	544925	52.961	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	539418	51.935	ug/l	99
89) n-Butylbenzene	13.826	91	1054123	57.413	ug/l	97
90) Hexachloroethane	14.096	117	201867	50.629	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	477442	53.631	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	37537	61.289	ug/l	93
93) 1,2,4-Trichlorobenzene	15.144	180	305003	60.347	ug/l	99
94) Hexachlorobutadiene	15.249	225	150195	52.736	ug/l	98
95) Naphthalene	15.379	128	723204	71.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	260620	58.166	ug/l	99

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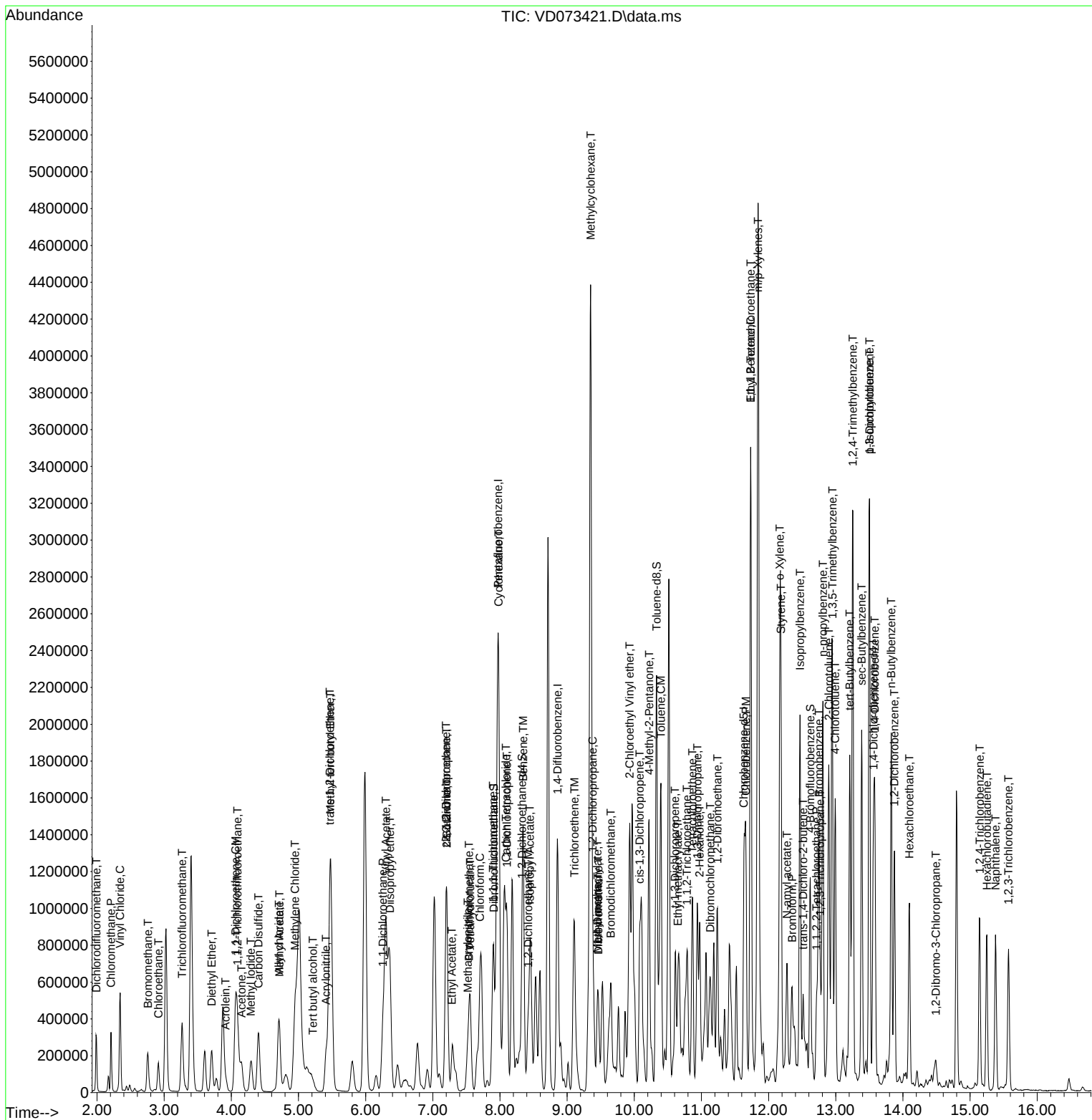
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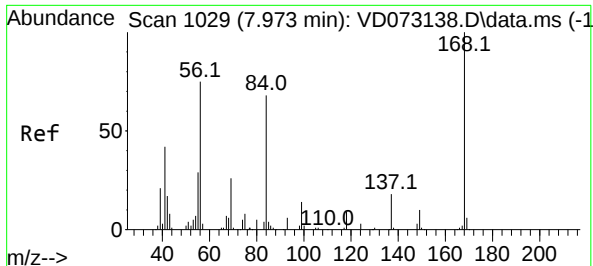
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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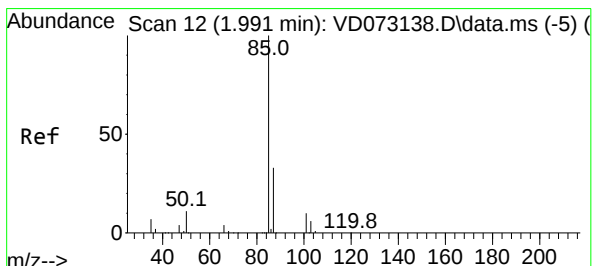
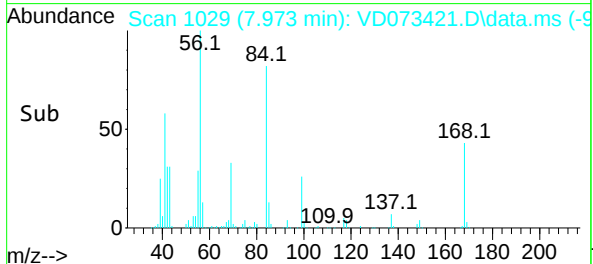
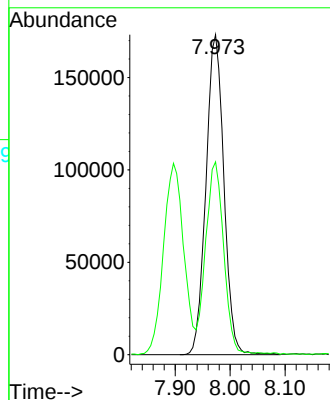
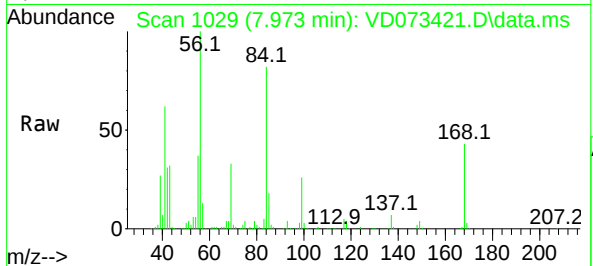




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073421.D
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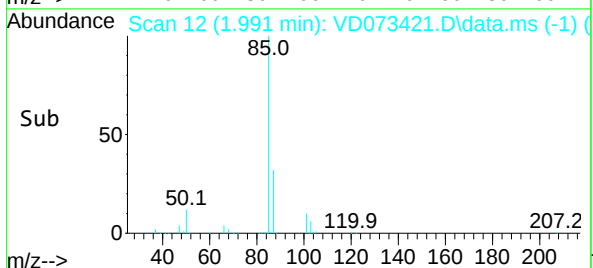
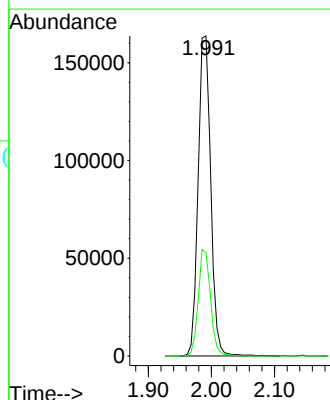
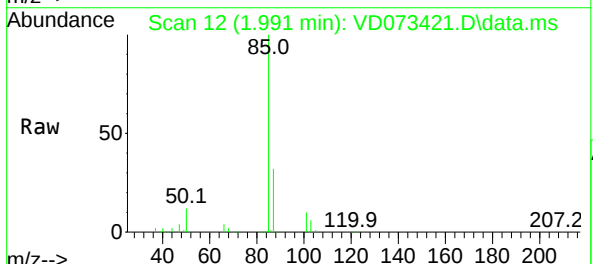
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ClientSampleId :

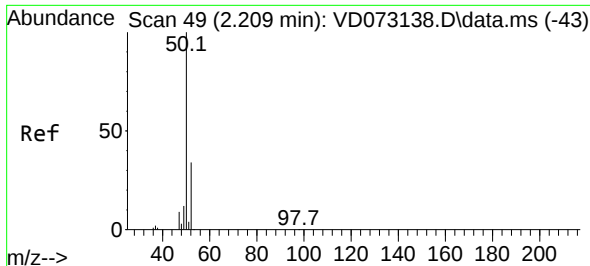
Tgt Ion:168 Resp: 392222
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 57.785 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

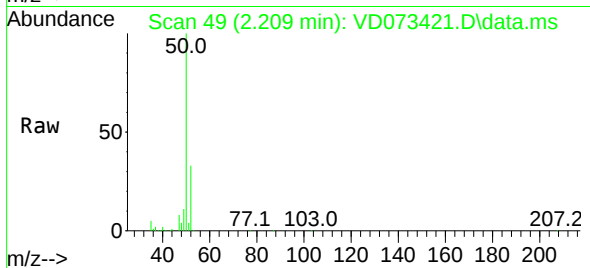
Tgt Ion: 85 Resp: 226470
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0



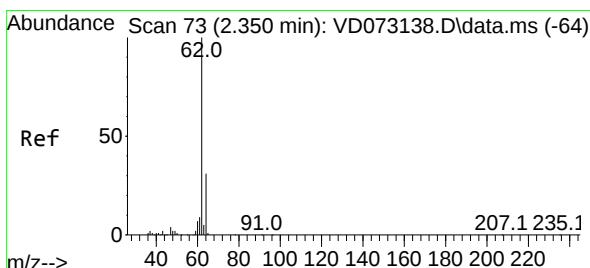
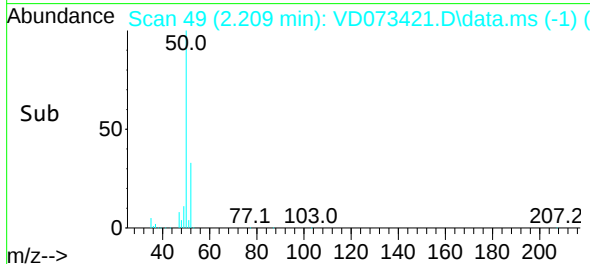
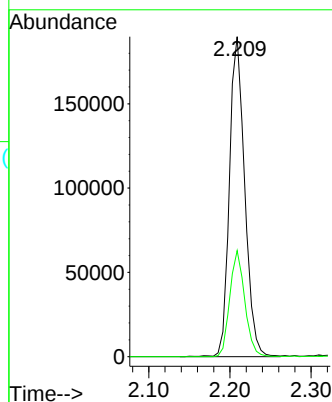


#3
Chloromethane
Concen: 55.963 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

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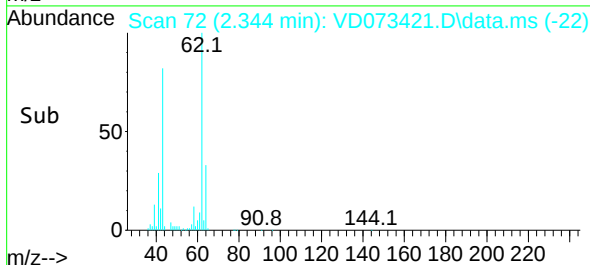
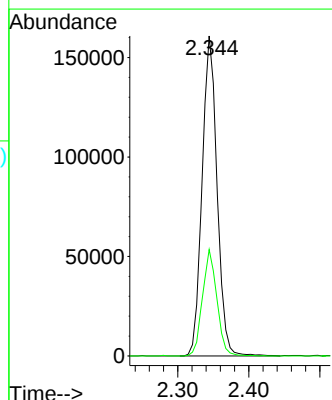
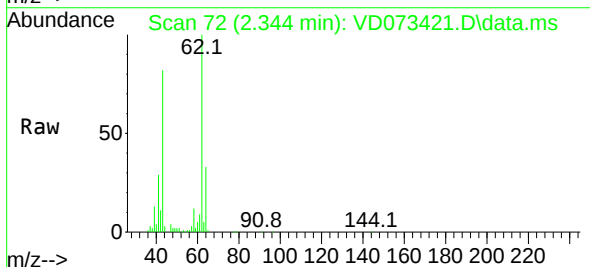


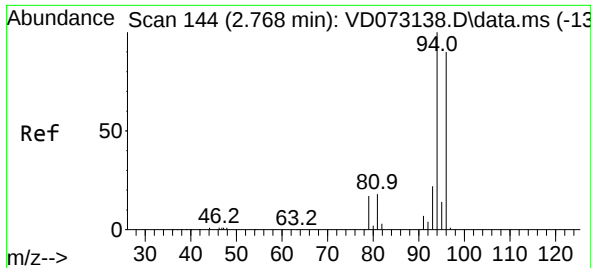
Tgt Ion: 50 Resp: 248009
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.0



#4
Vinyl Chloride
Concen: 58.309 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 62 Resp: 236291
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.0

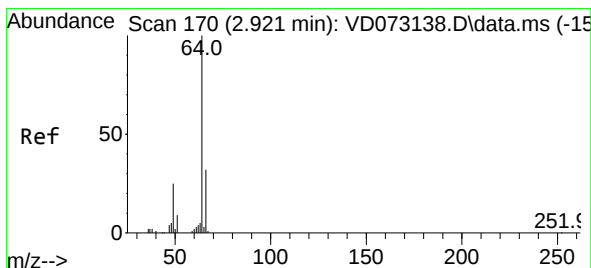
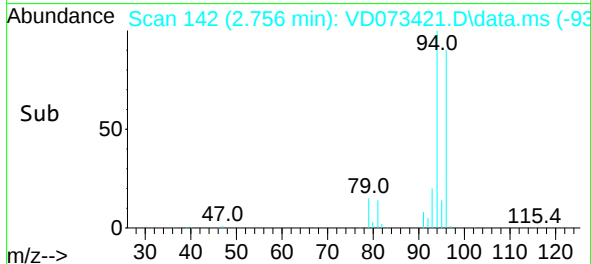
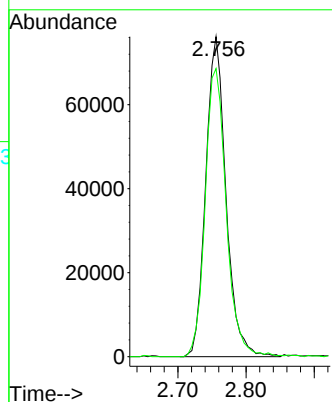
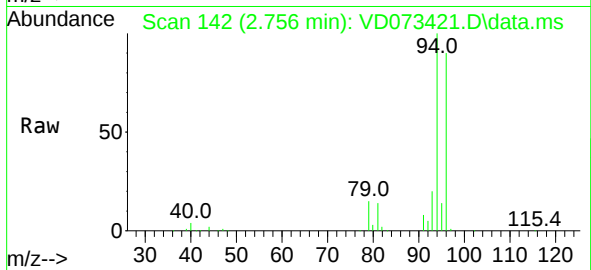




#5
Bromomethane
Concen: 61.569 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

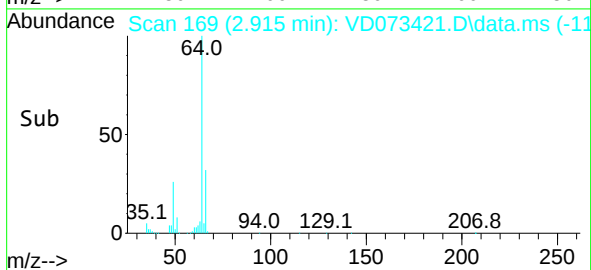
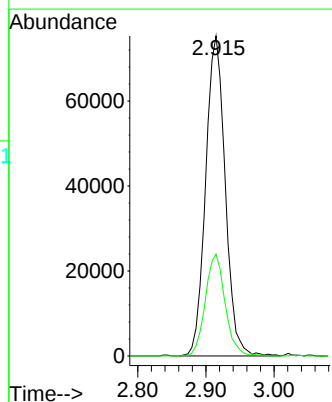
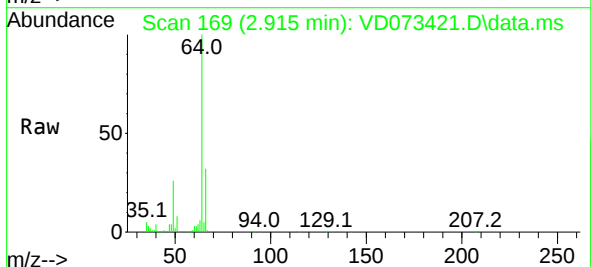
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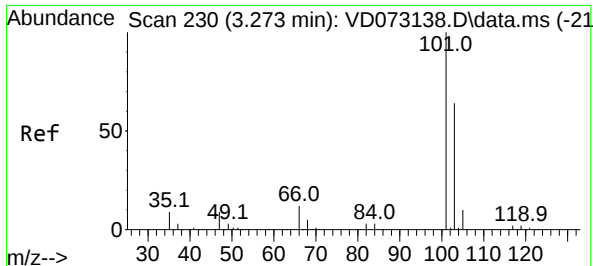
Tgt Ion: 94 Resp: 157526
Ion Ratio Lower Upper
94 100
96 90.1 77.6 116.4



#6
Chloroethane
Concen: 60.397 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 64 Resp: 150460
Ion Ratio Lower Upper
64 100
66 31.8 25.9 38.9

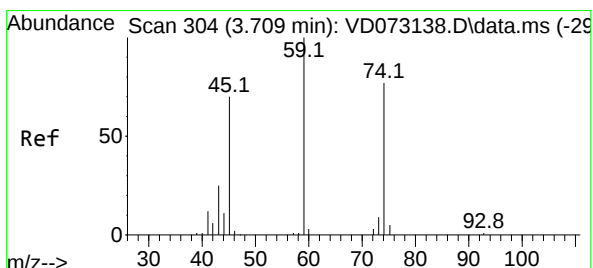
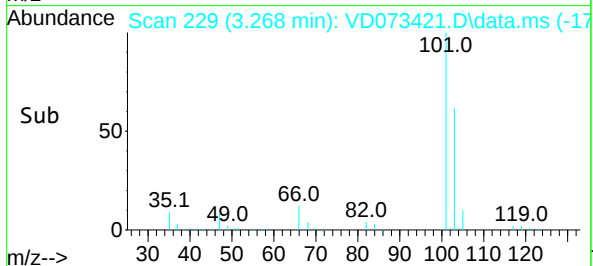
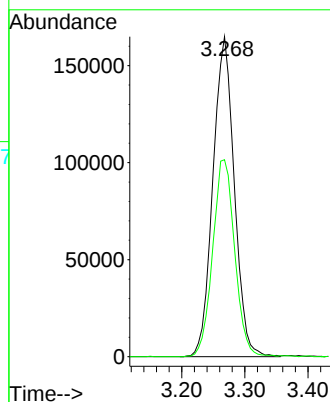
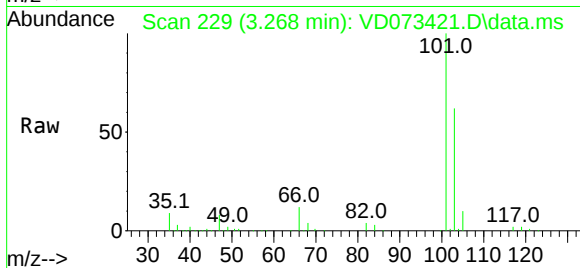




#7
 Trichlorofluoromethane
 Concen: 54.131 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

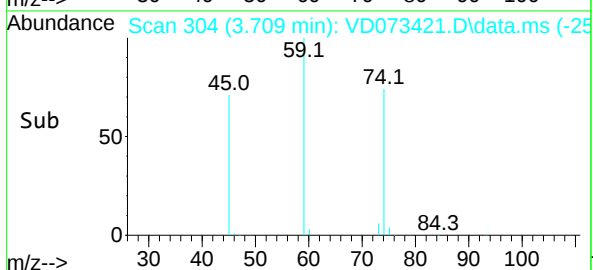
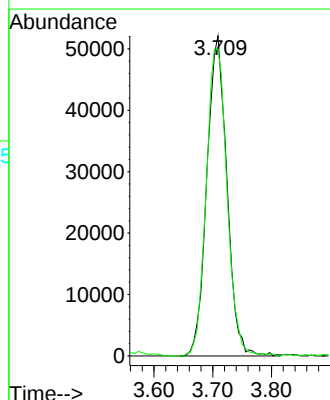
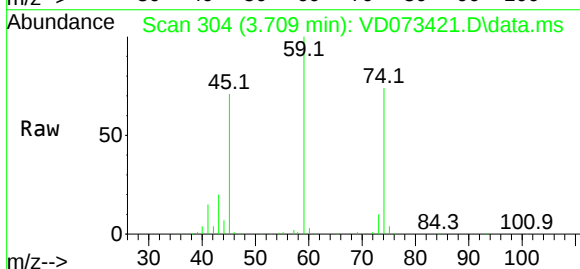
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 387880
 Ion Ratio Lower Upper
 101 100
 103 61.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 62.736 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

Tgt Ion: 74 Resp: 123526
 Ion Ratio Lower Upper
 74 100
 45 99.6 52.6 157.8

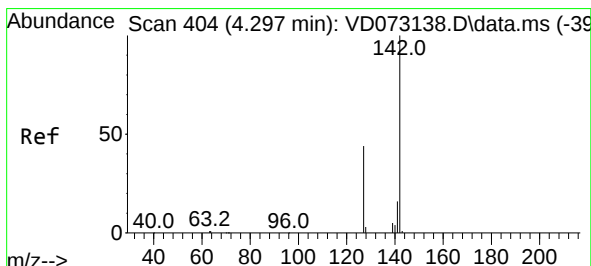
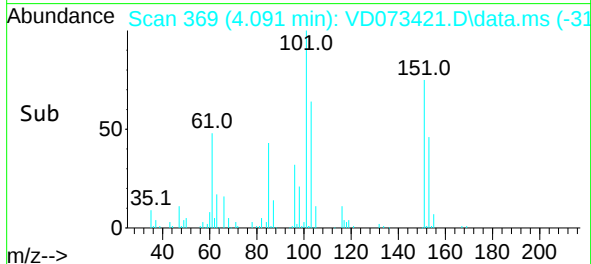
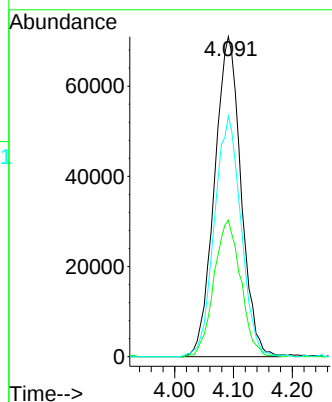
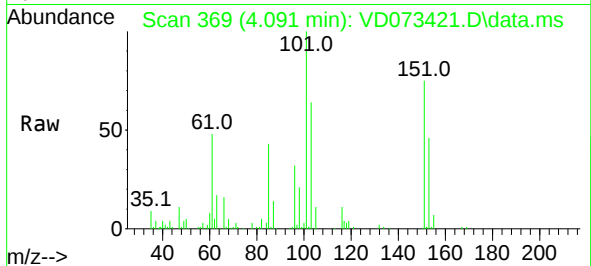




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.070 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073421.D
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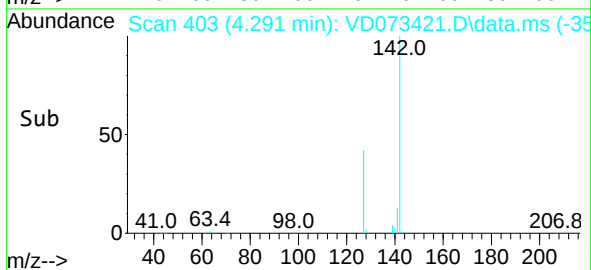
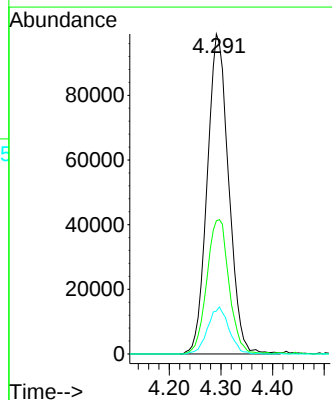
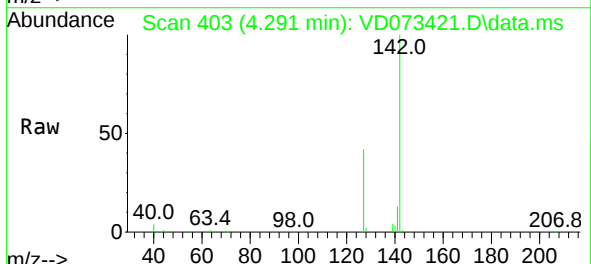
Instrument :
MSVOA_D
ClientSampleId :

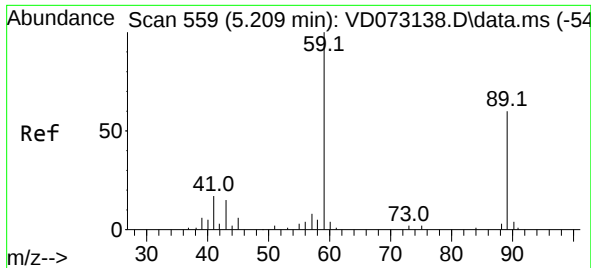
Tgt Ion:101 Resp: 222618
Ion Ratio Lower Upper
101 100
85 43.1 36.4 54.6
151 75.5 57.3 85.9



#10
Methyl Iodide
Concen: 61.895 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

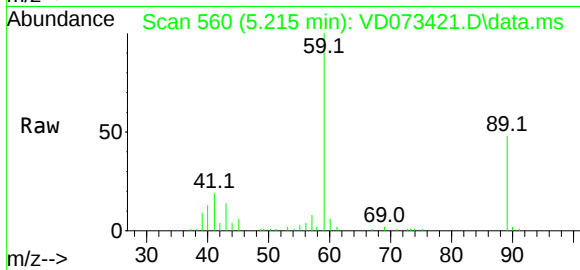
Tgt Ion:142 Resp: 285503
Ion Ratio Lower Upper
142 100
127 43.4 37.3 55.9
141 14.5 11.7 17.5



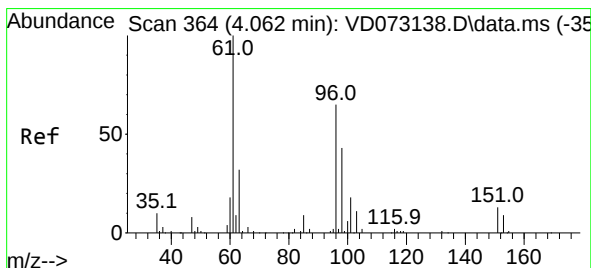
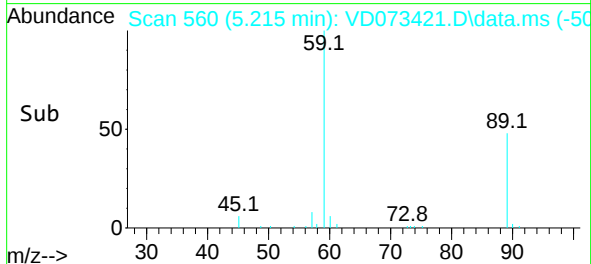
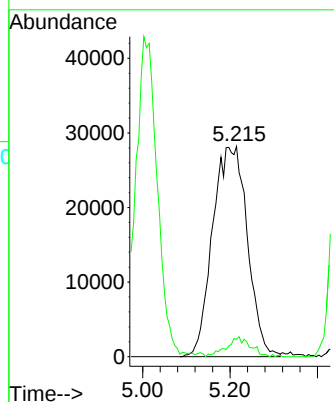


#11
Tert butyl alcohol
Concen: 231.375 ug/l
RT: 5.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :

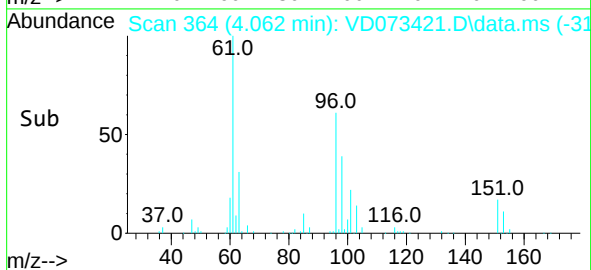
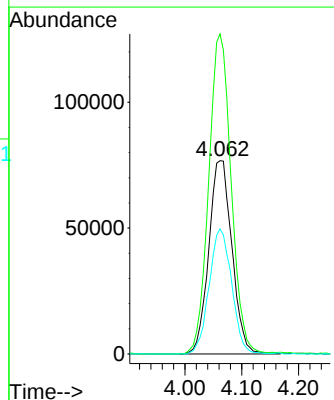
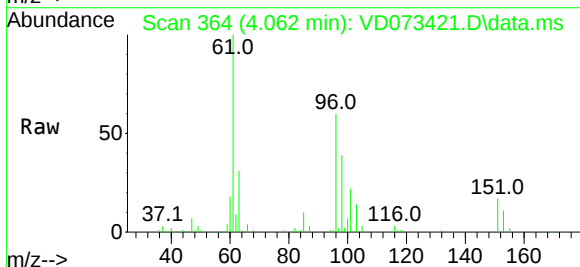


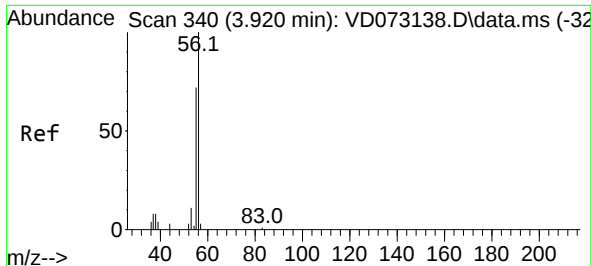
Tgt Ion: 59 Resp: 155603
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 55.226 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

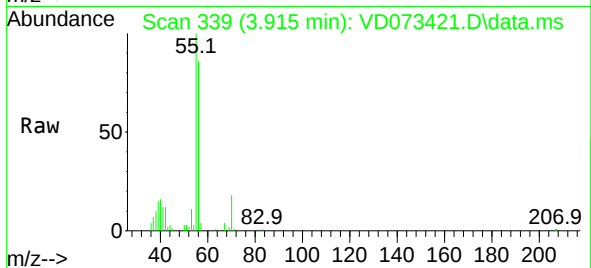
Tgt Ion: 96 Resp: 217684
Ion Ratio Lower Upper
96 100
61 165.2 138.5 207.7
98 64.8 48.6 73.0



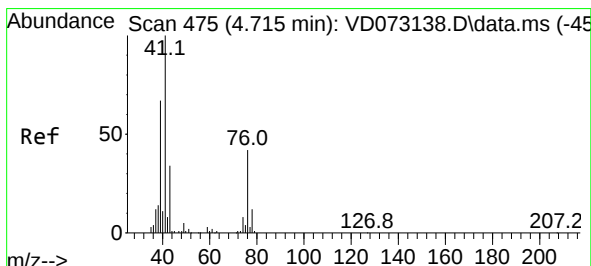
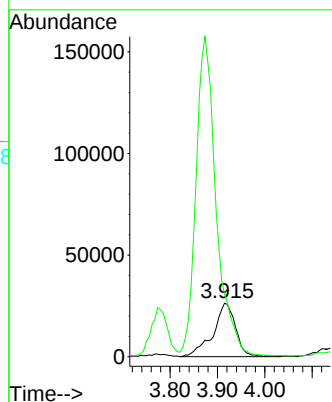
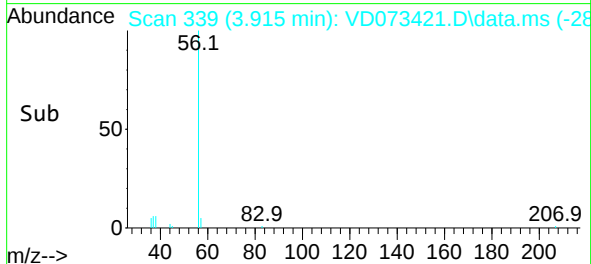


#13
Acrolein
Concen: 334.419 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

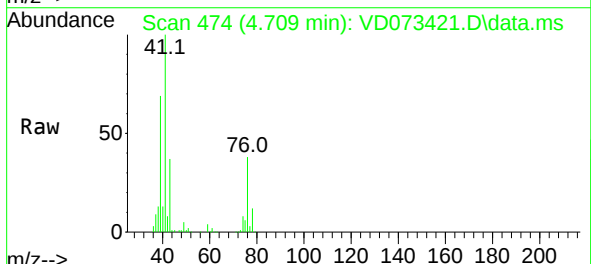
Instrument :
MSVOA_D
ClientSampleId :



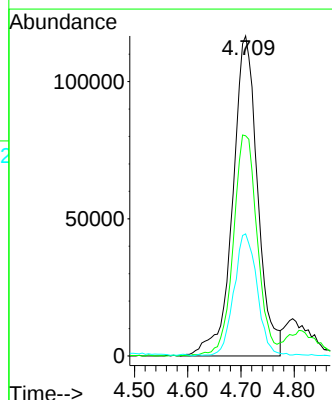
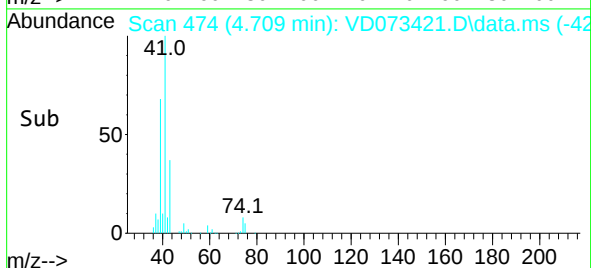
Tgt Ion: 56 Resp: 87224
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

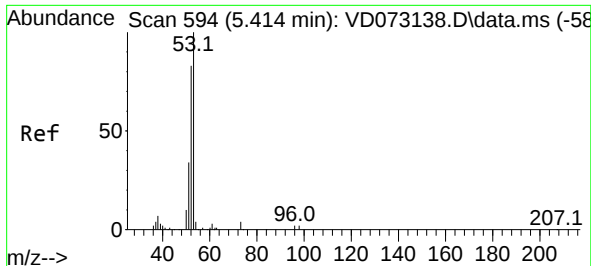


#14
Allyl chloride
Concen: 59.734 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02



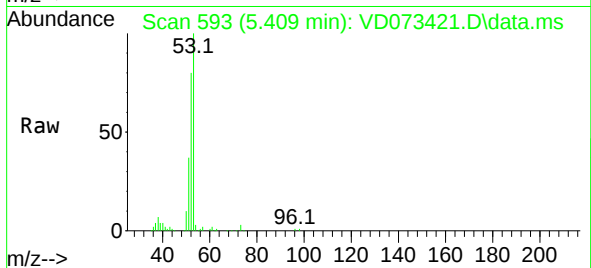
Tgt Ion: 41 Resp: 380061
Ion Ratio Lower Upper
41 100
39 66.4 59.3 88.9
76 34.8 25.7 38.5





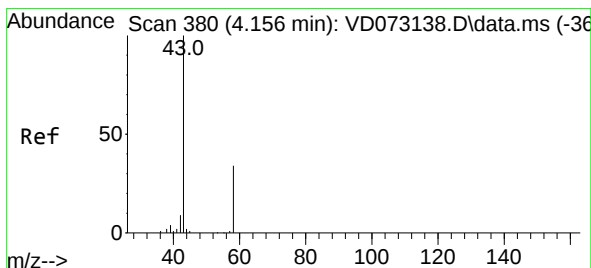
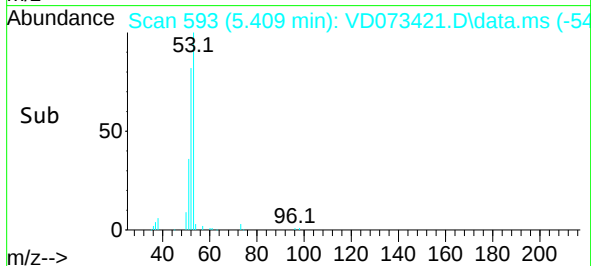
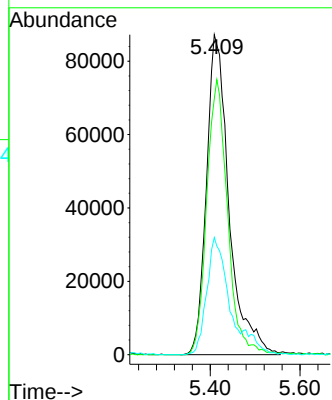
#15
Acrylonitrile
Concen: 338.856 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 53 Resp: 305094

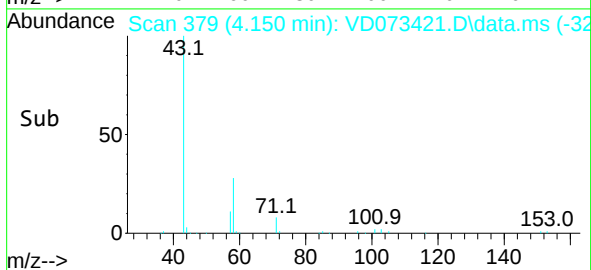
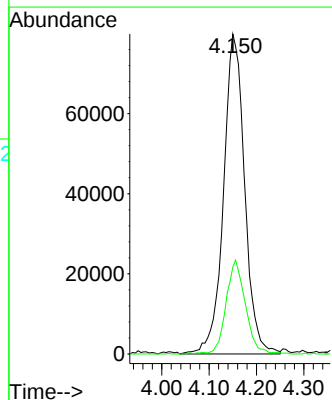
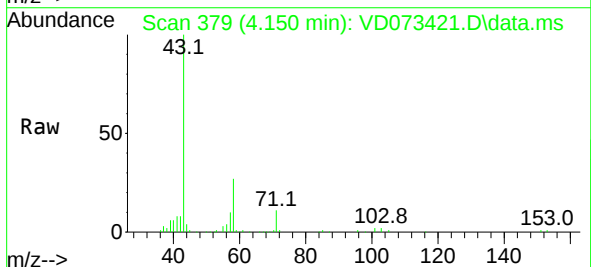
Ion	Ratio	Lower	Upper
53	100		
52	79.2	67.2	100.8
51	33.3	30.3	45.5

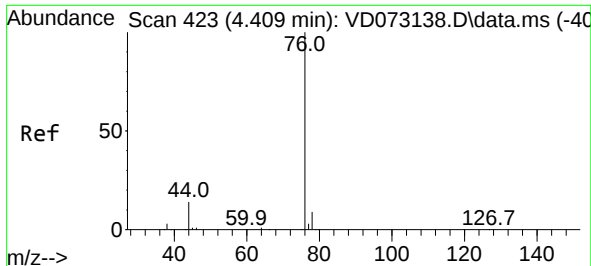


#16
Acetone
Concen: 329.594 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 43 Resp: 247459

Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.1	33.1

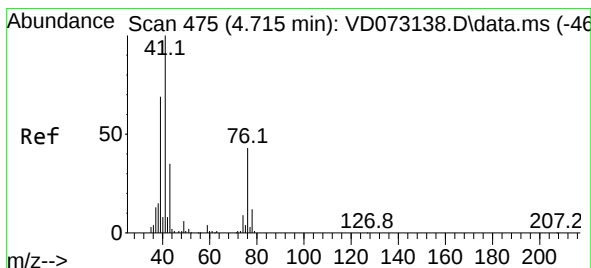
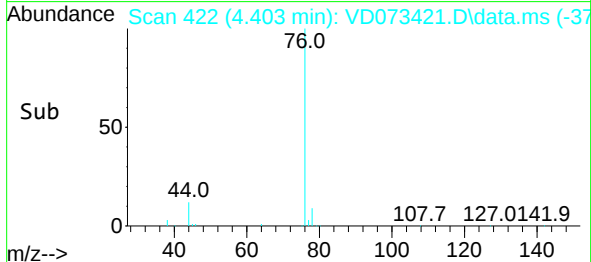
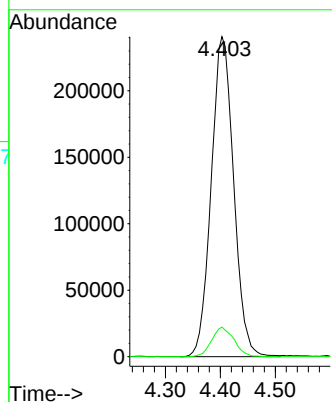
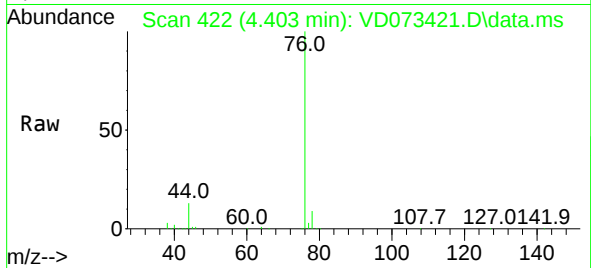




#17
Carbon Disulfide
Concen: 52.270 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

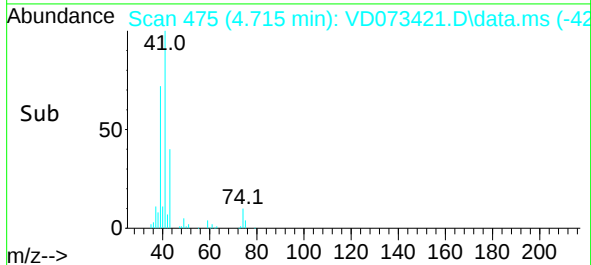
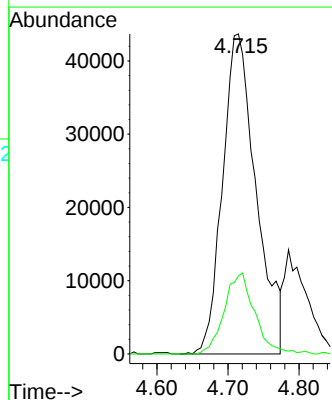
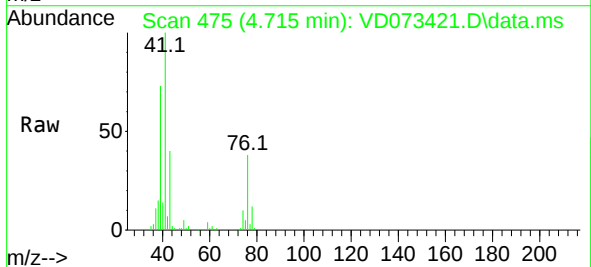
Instrument :
MSVOA_D
ClientSampleId :

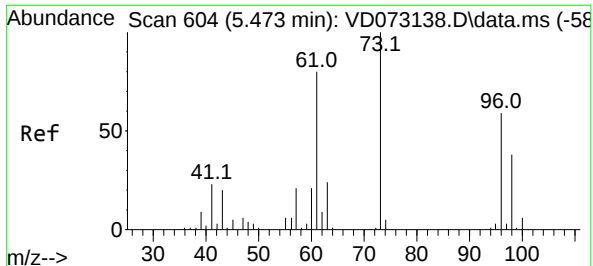
Tgt Ion: 76 Resp: 683010
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 68.906 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 43 Resp: 143858
Ion Ratio Lower Upper
43 100
74 22.9 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 64.115 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

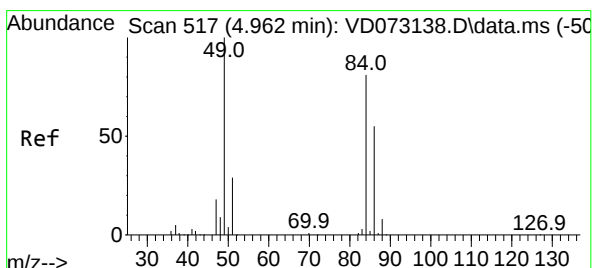
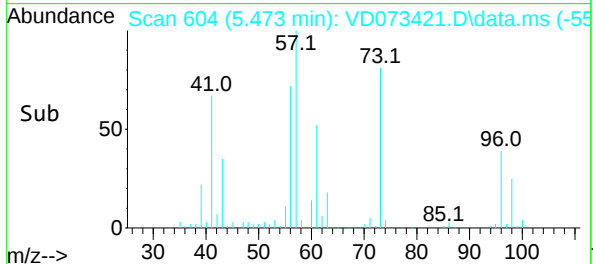
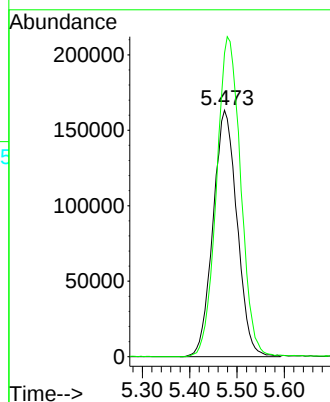
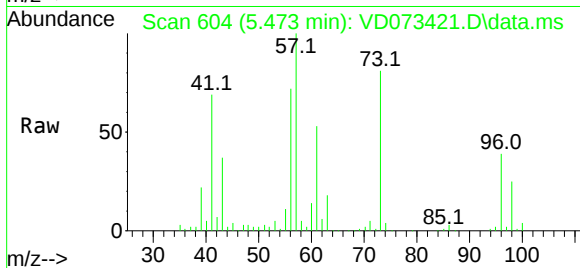
ClientSampleId :

Tgt Ion: 73 Resp: 575744

Ion Ratio Lower Upper

73 100

57 123.2 18.0 27.0#



#20

Methylene Chloride

Concen: 59.350 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.012 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Tgt Ion: 84 Resp: 279084

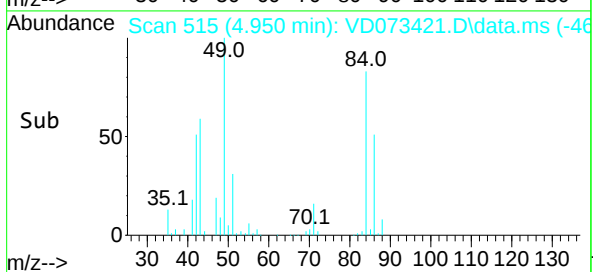
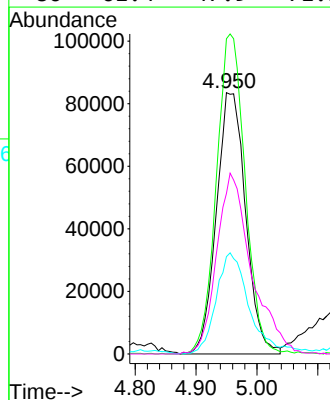
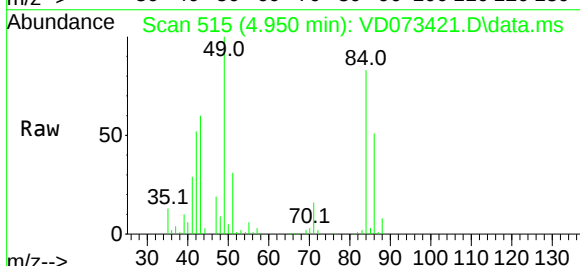
Ion Ratio Lower Upper

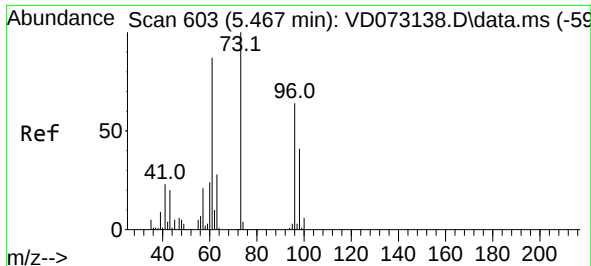
84 100

49 120.6 112.8 169.2

51 37.0 32.6 48.8

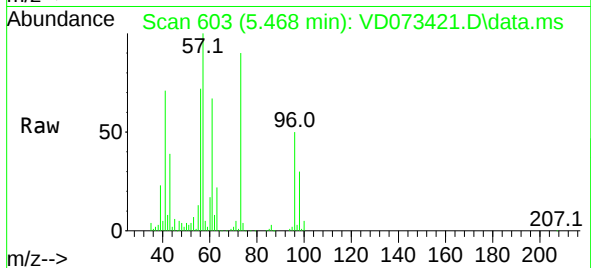
86 61.4 47.9 71.9





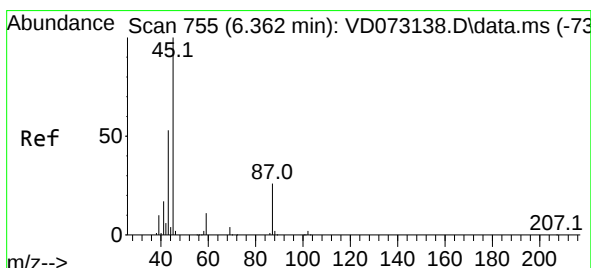
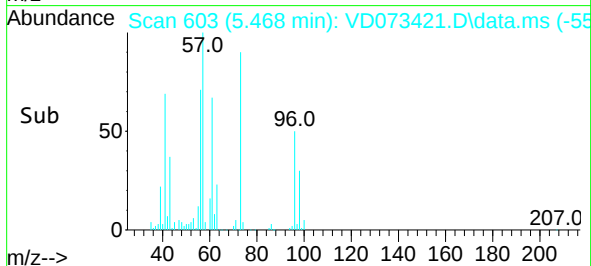
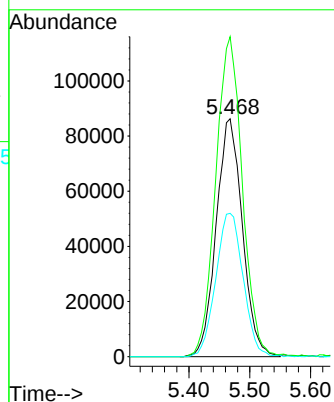
#21
trans-1,2-Dichloroethene
Concen: 54.092 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.001 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 257798

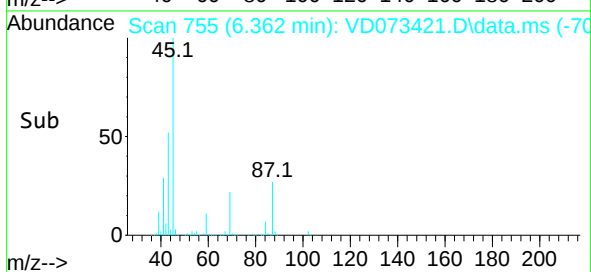
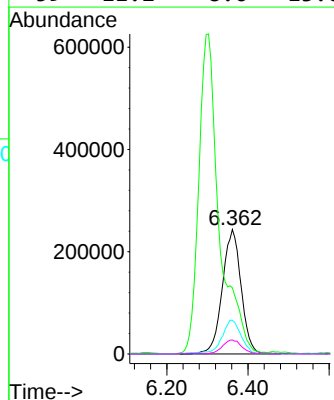
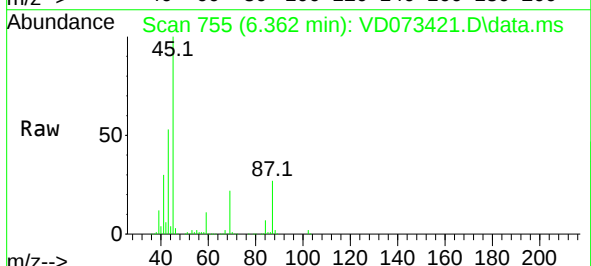
Ion	Ratio	Lower	Upper
96	100		
61	134.5	117.9	176.9
98	60.2	49.4	74.2



#22
Diisopropyl ether
Concen: 58.717 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 45 Resp: 783156

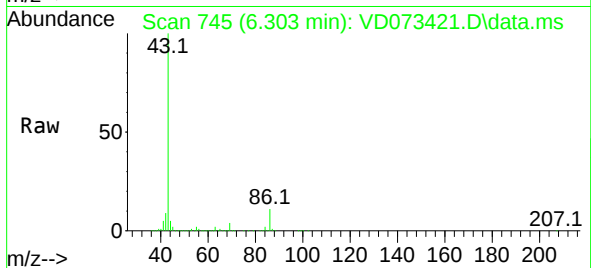
Ion	Ratio	Lower	Upper
45	100		
43	52.3	46.6	70.0
87	27.1	18.4	27.6
59	11.2	8.6	13.0



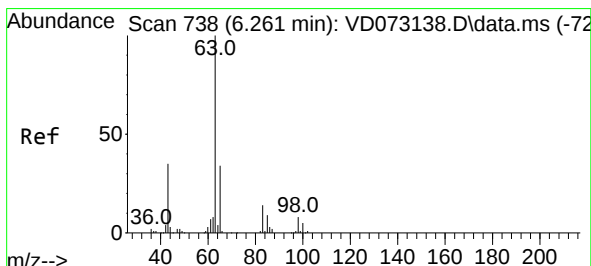
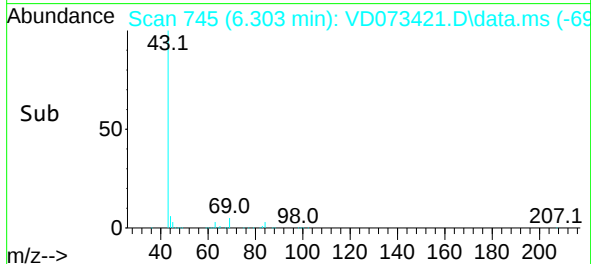
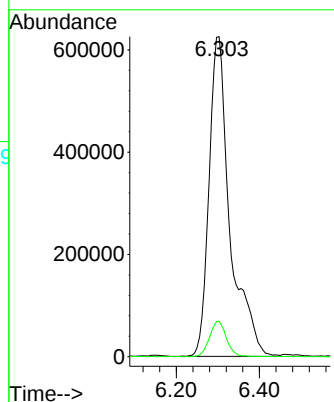


#23
 Vinyl Acetate
 Concen: 307.796 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

Instrument :
 MSVOA_D
 ClientSampleId :

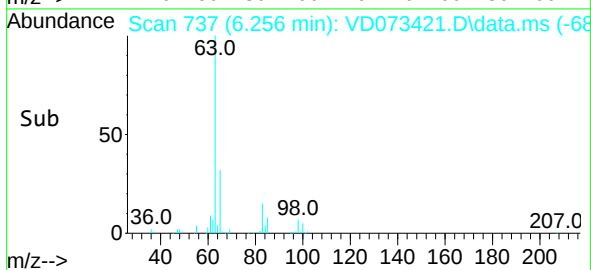
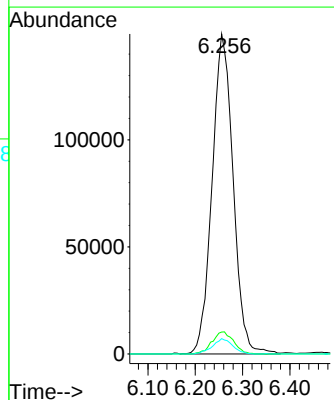
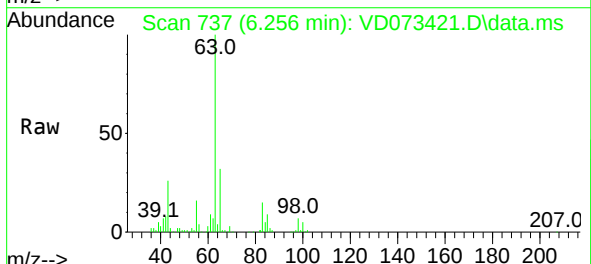


Tgt Ion: 43 Resp: 2189789
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 53.847 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

Tgt Ion: 63 Resp: 460996
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.8 2.1 6.5

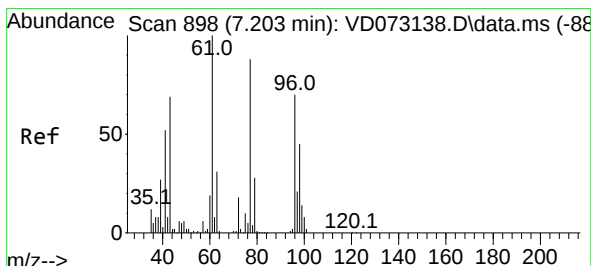
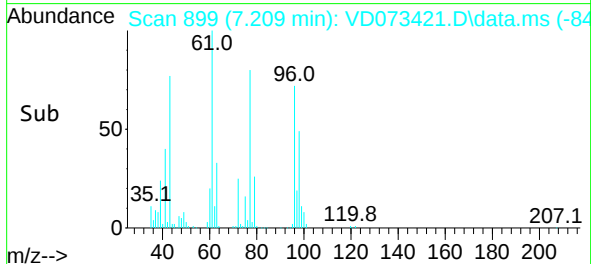
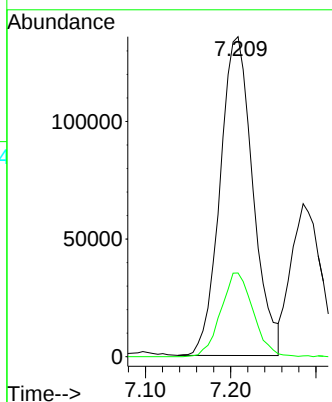
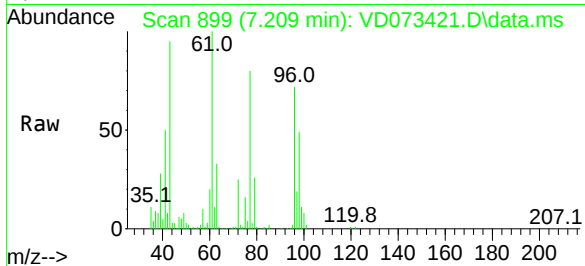




#25
2-Butanone
Concen: 331.418 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

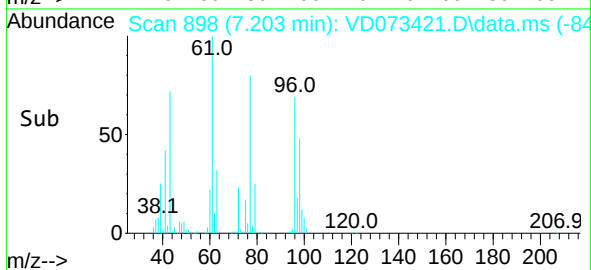
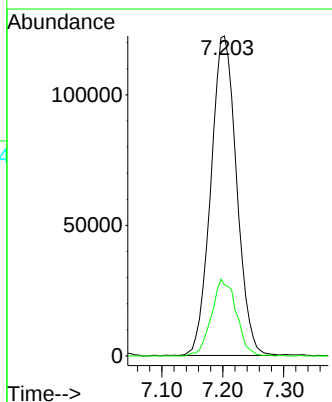
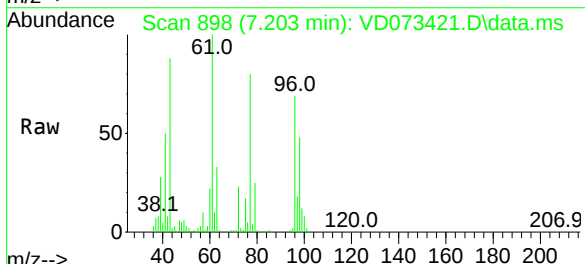
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 364045
Ion Ratio Lower Upper
43 100
72 26.3 18.6 27.8



#26
2,2-Dichloropropane
Concen: 49.240 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

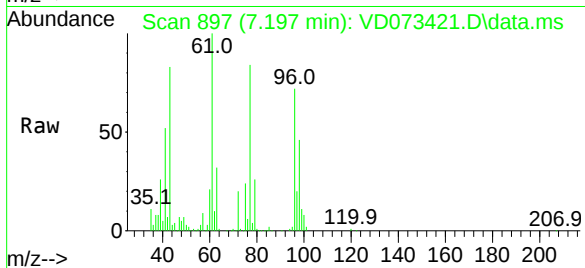
Tgt Ion: 77 Resp: 359510
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.4



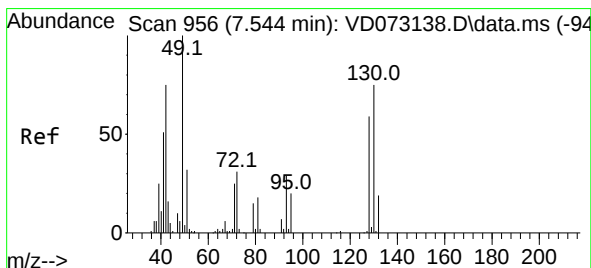
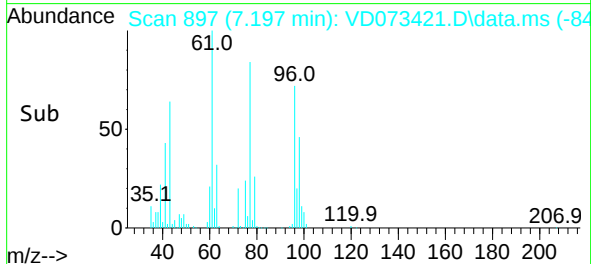
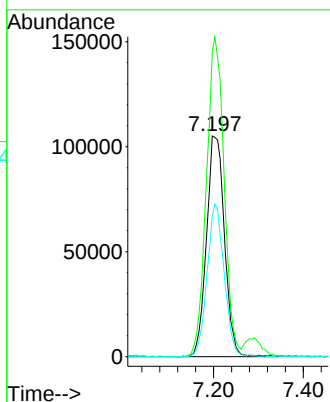


#27
 cis-1,2-Dichloroethene
 Concen: 55.414 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.011 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

Instrument :
 MSVOA_D
 ClientSampleId :

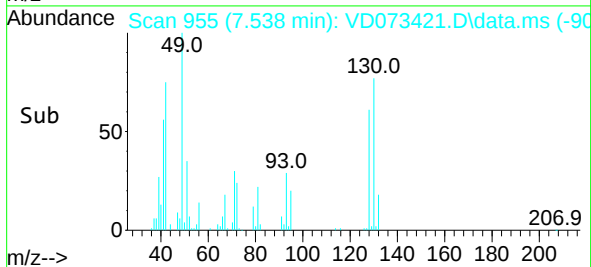
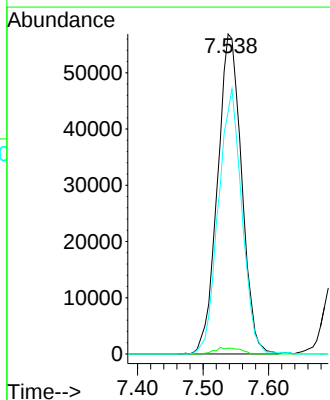
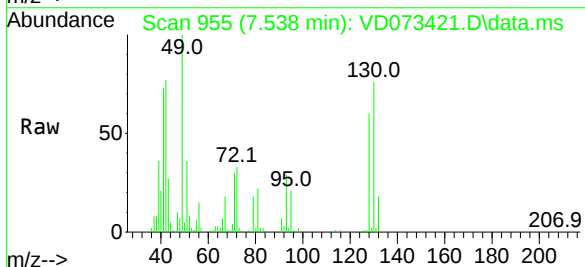


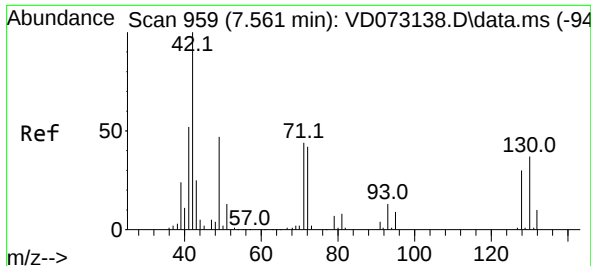
Tgt Ion: 96 Resp: 292224
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 313.8
 98 65.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.186 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

Tgt Ion: 49 Resp: 145072
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 80.6 52.6 79.0#





#29

Tetrahydrofuran

Concen: 332.074 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

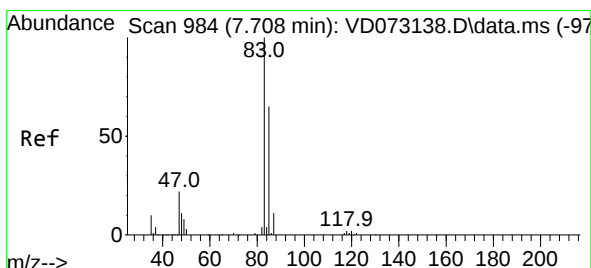
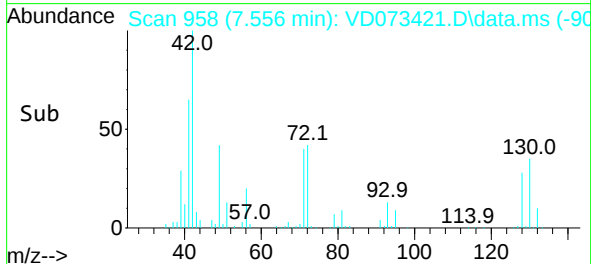
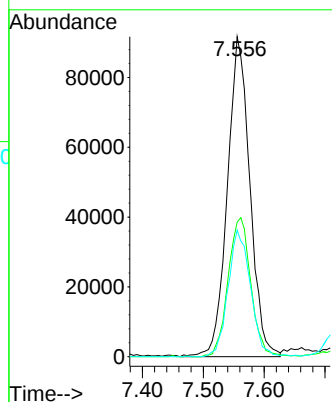
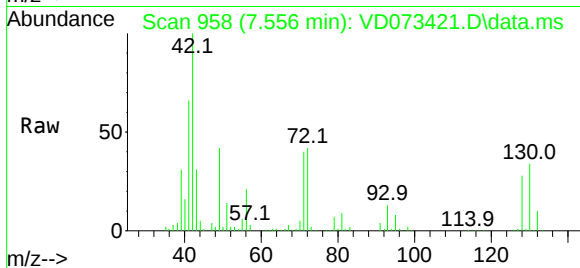
Tgt Ion: 42 Resp: 235864

Ion Ratio Lower Upper

42 100

72 43.9 30.7 46.1

71 39.1 28.6 43.0



#30

Chloroform

Concen: 65.267 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073421.D

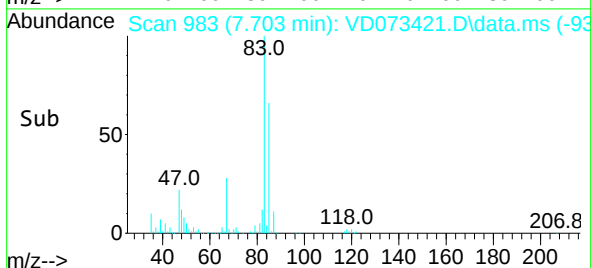
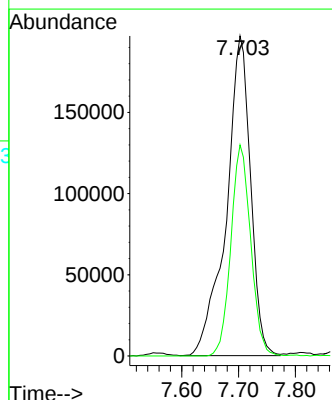
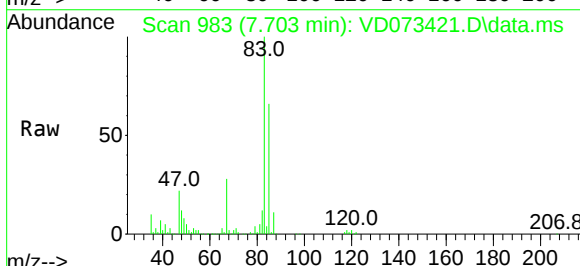
Acq: 27 May 2022 20:02

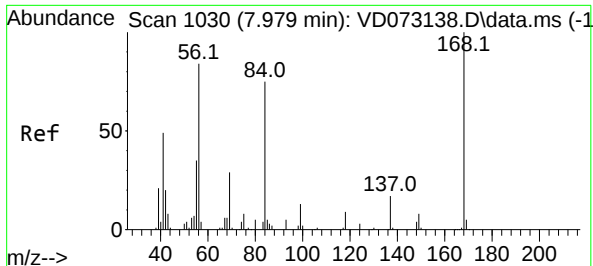
Tgt Ion: 83 Resp: 583353

Ion Ratio Lower Upper

83 100

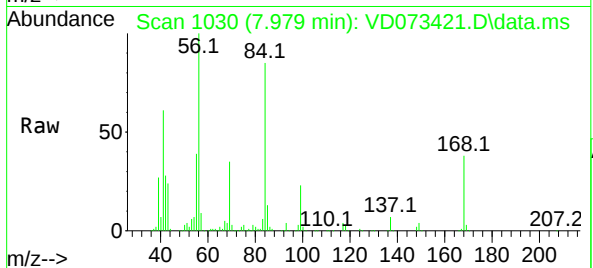
85 66.0 52.7 79.1



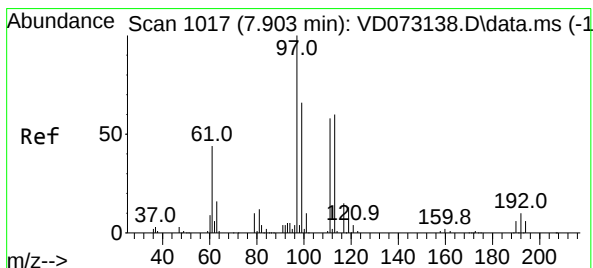
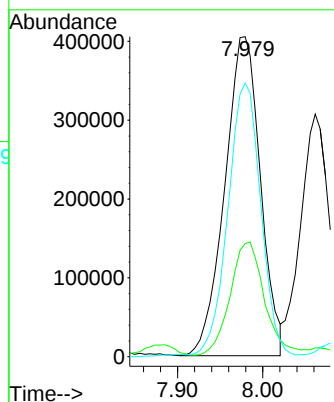
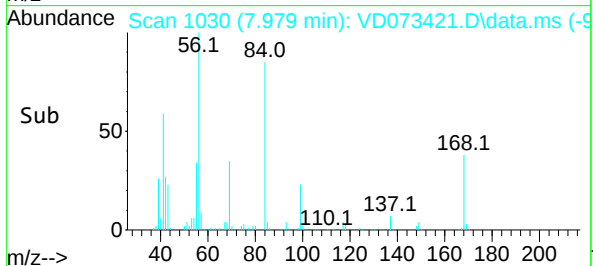


#31
Cyclohexane
Concen: 155.371 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

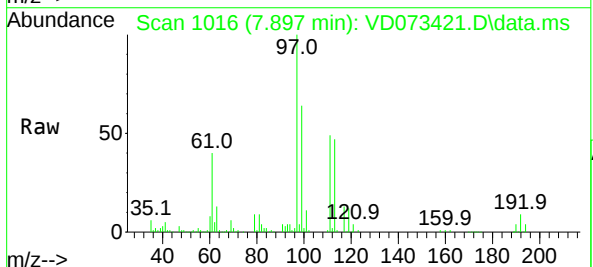
Instrument :
MSVOA_D
ClientSampleId :



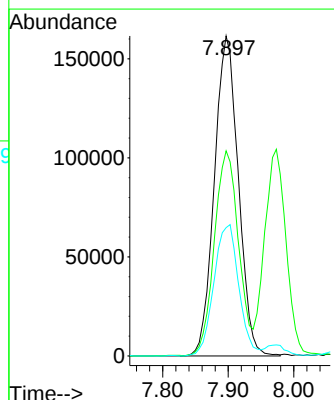
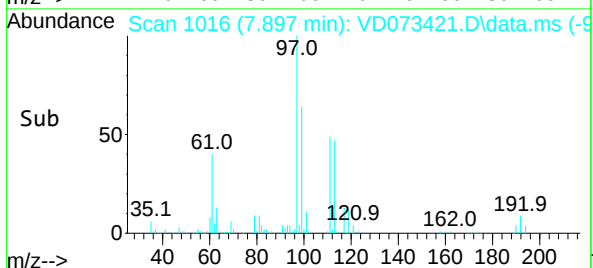
Tgt Ion: 56 Resp: 1176904
Ion Ratio Lower Upper
56 100
69 34.2 25.4 38.2
84 85.0 63.0 94.4

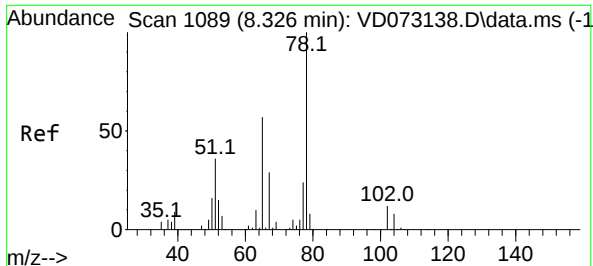


#32
1,1,1-Trichloroethane
Concen: 52.427 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02



Tgt Ion: 97 Resp: 409834
Ion Ratio Lower Upper
97 100
99 65.3 52.4 78.6
61 42.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 53.722 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

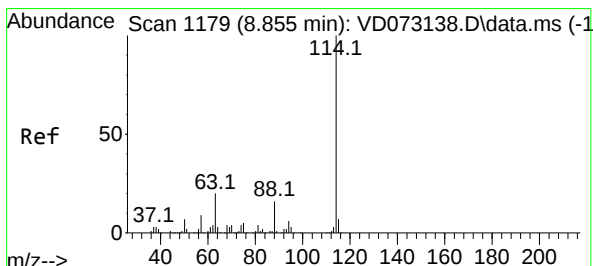
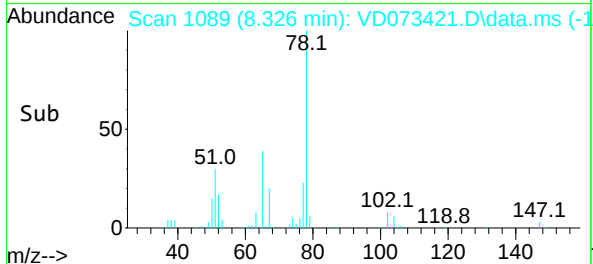
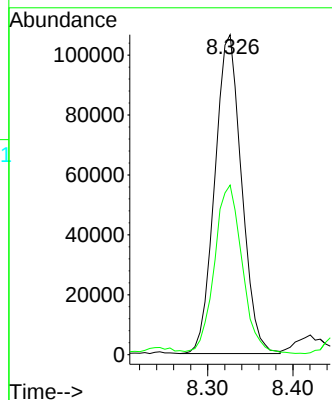
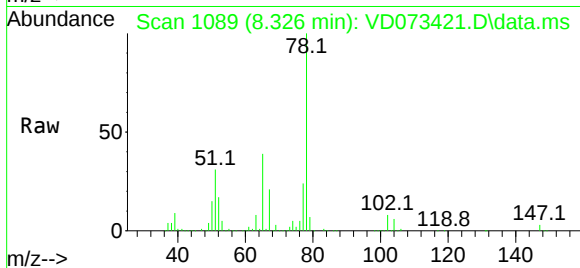
ClientSampleId :

Tgt Ion: 65 Resp: 232863

Ion Ratio Lower Upper

65 100

67 54.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

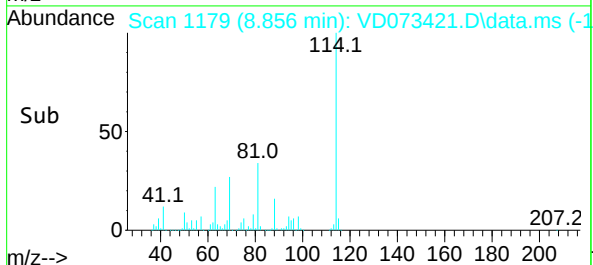
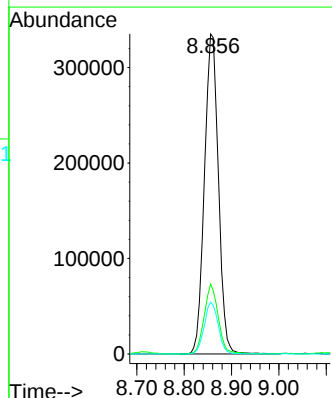
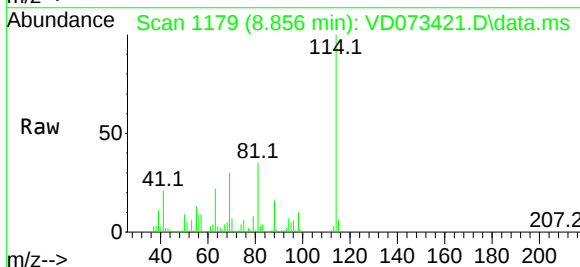
Tgt Ion: 114 Resp: 689557

Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.6

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.192 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

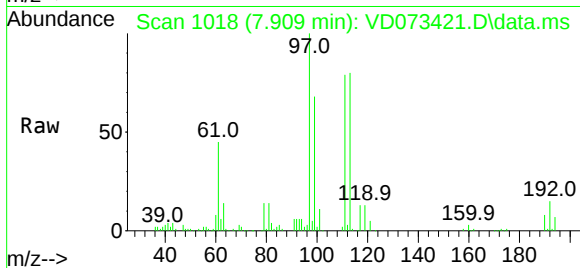
Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :



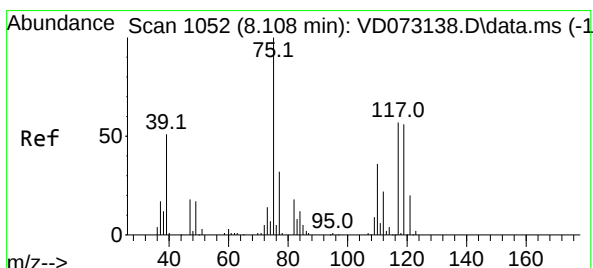
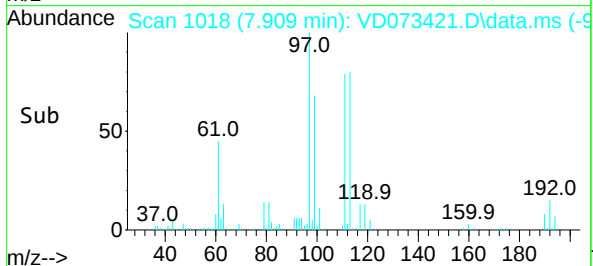
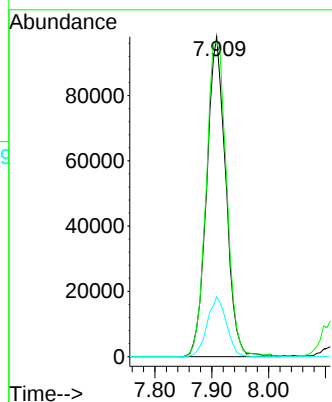
Tgt Ion:113 Resp: 228382

Ion Ratio Lower Upper

113 100

111 105.4 83.8 125.6

192 18.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 50.965 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.005 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

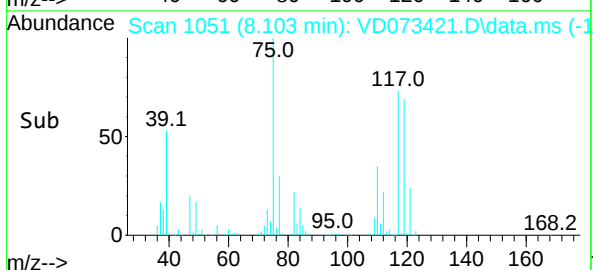
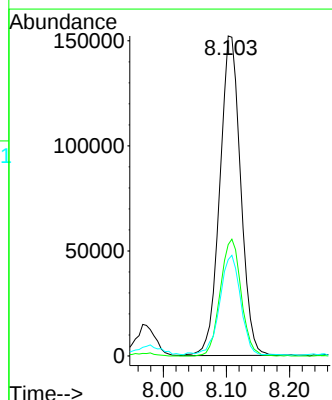
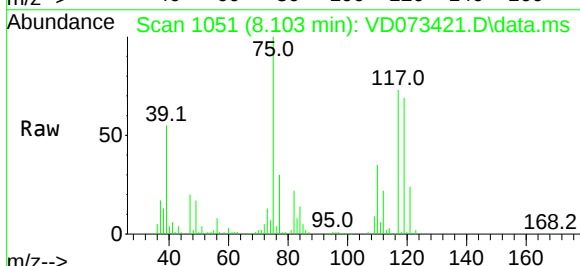
Tgt Ion: 75 Resp: 348768

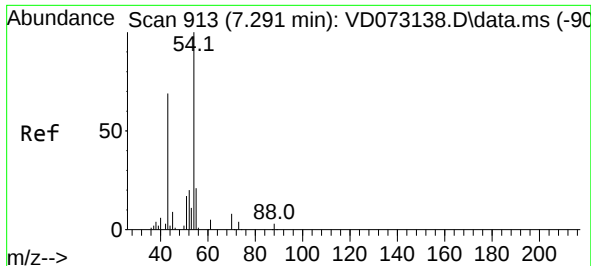
Ion Ratio Lower Upper

75 100

110 36.5 16.4 49.1

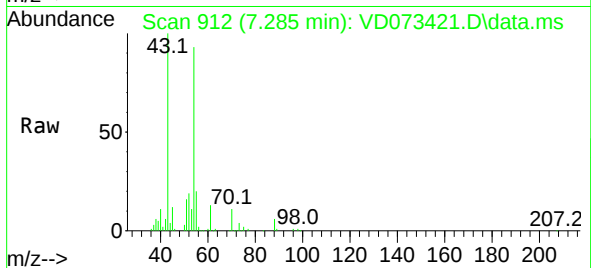
77 31.3 24.2 36.2



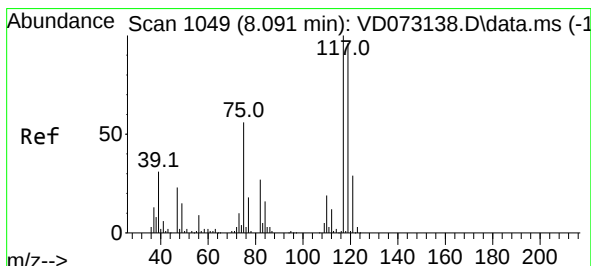
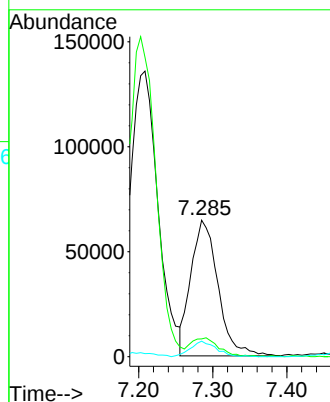
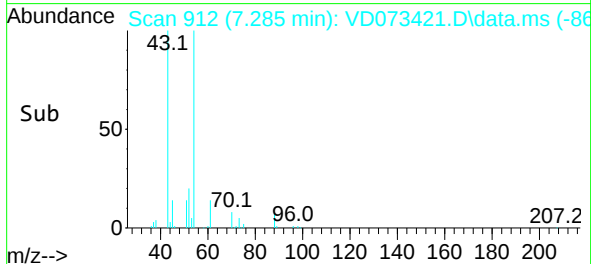


#37
Ethyl Acetate
Concen: 60.844 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :

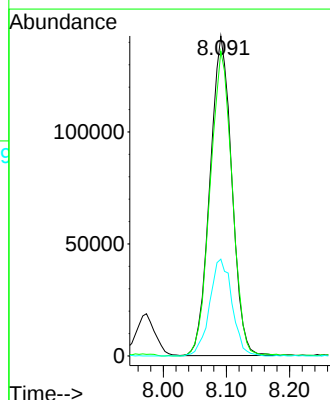
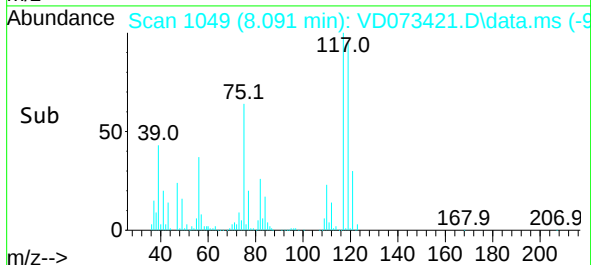
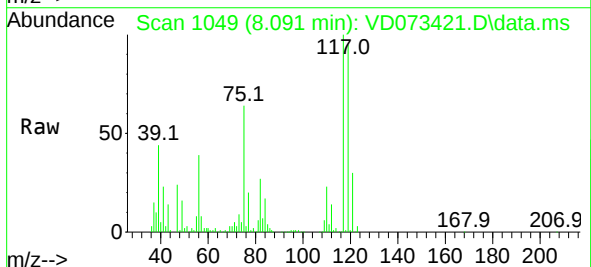


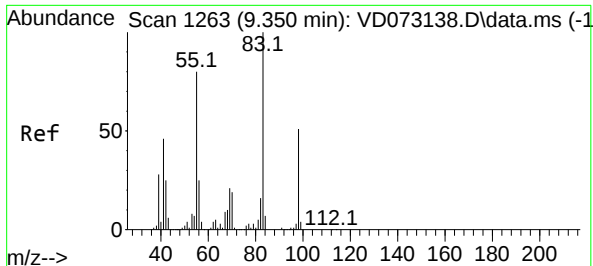
Tgt Ion: 43 Resp: 164467
Ion Ratio Lower Upper
43 100
61 14.3 9.8 14.8
70 10.6 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 49.389 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 117 Resp: 342608
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.6
121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 244.862 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

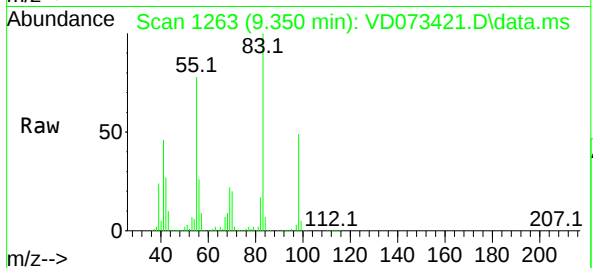
Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :



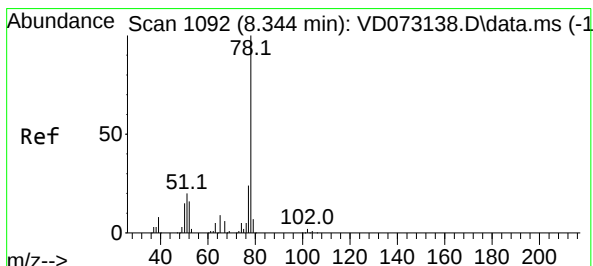
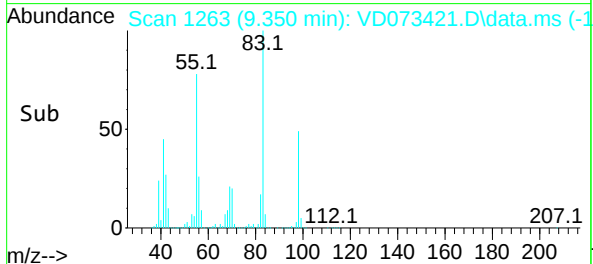
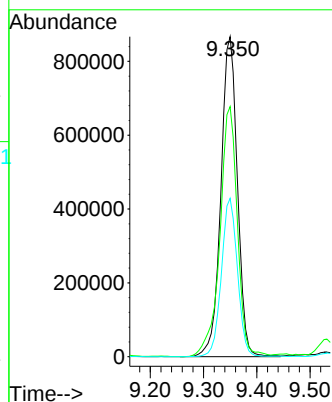
Tgt Ion: 83 Resp: 1867469

Ion Ratio Lower Upper

83 100

55 78.1 63.2 94.8

98 49.5 38.2 57.4



#40

Benzene

Concen: 68.042 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073421.D

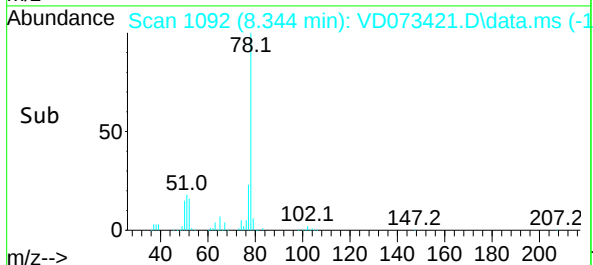
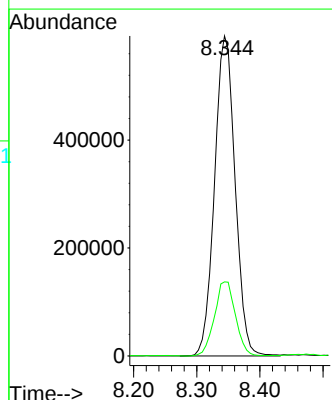
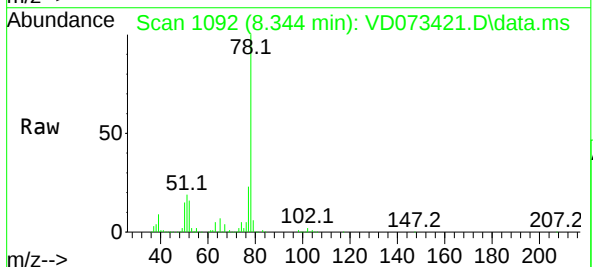
Acq: 27 May 2022 20:02

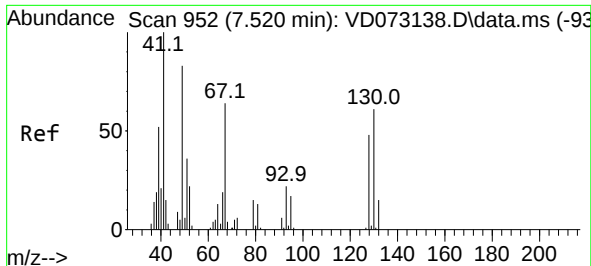
Tgt Ion: 78 Resp: 1341961

Ion Ratio Lower Upper

78 100

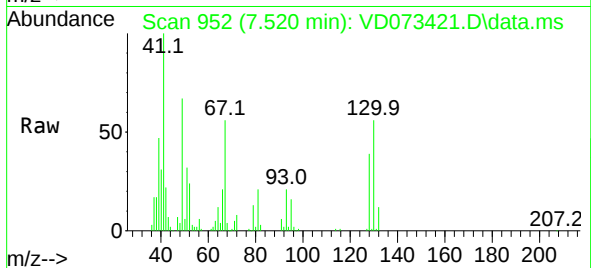
77 23.1 19.1 28.7



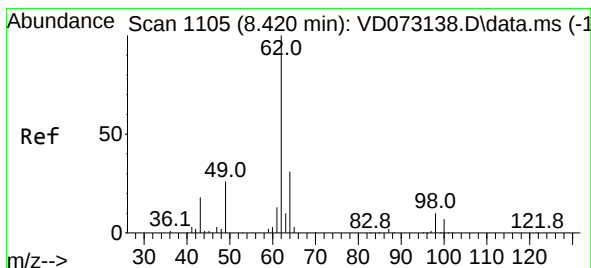
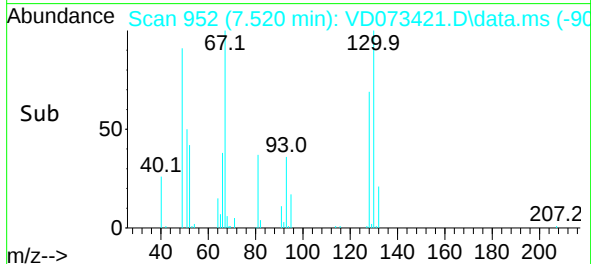
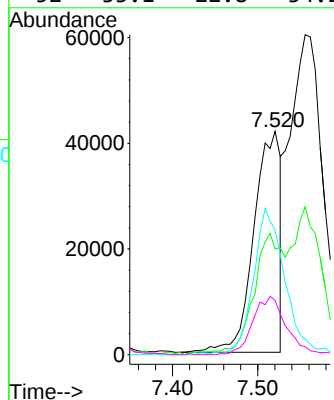


#41
Methacrylonitrile
Concen: 57.535 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :

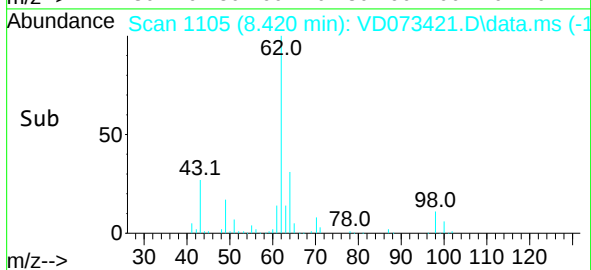
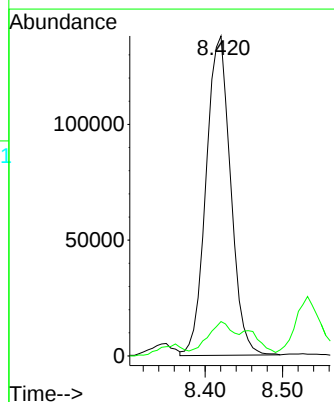
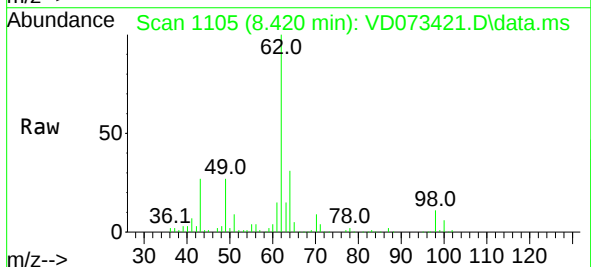


Tgt Ion: 41	Resp: 90612
Ion Ratio	Lower Upper
41 100	
39 61.9	44.6 67.0
67 79.3	48.2 72.4#
52 33.1	22.8 34.2



#42
1,2-Dichloroethane
Concen: 55.195 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 62	Resp: 302899
Ion Ratio	Lower Upper
62 100	
98 9.3	0.0 17.6

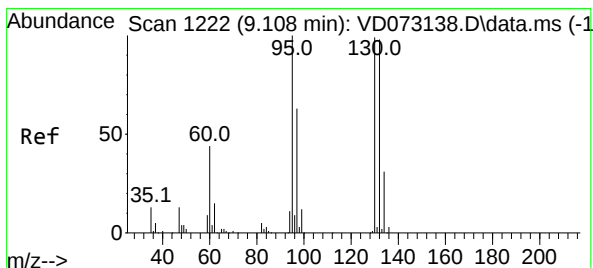
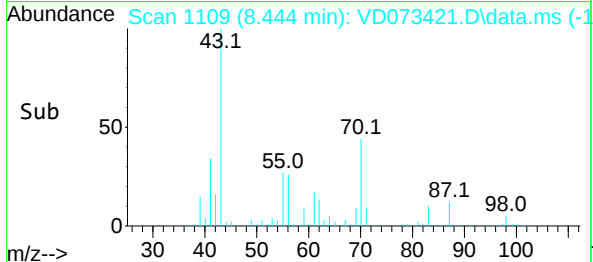
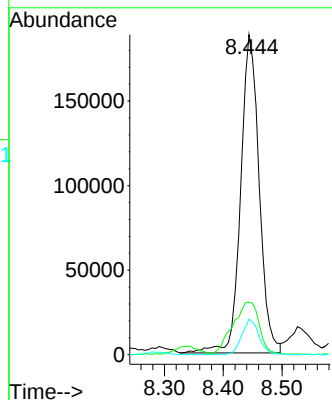
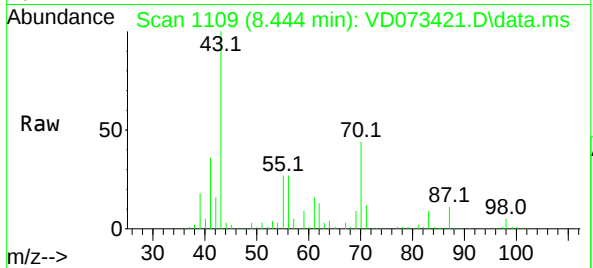




#43
Isopropyl Acetate
Concen: 82.576 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

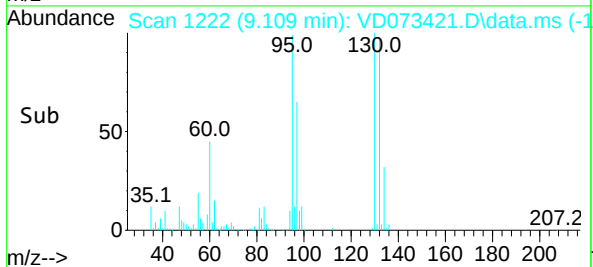
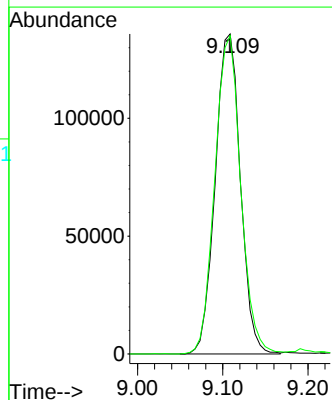
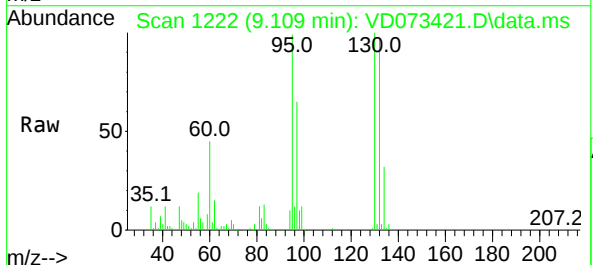
Instrument :
MSVOA_D
ClientSampleId :

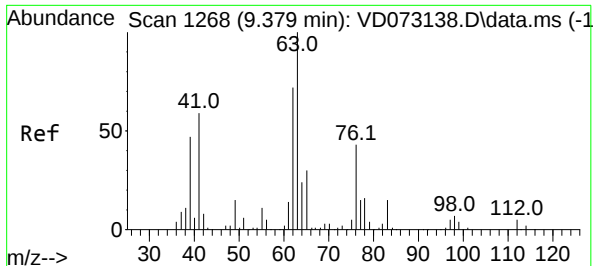
Tgt Ion: 43 Resp: 412572
Ion Ratio Lower Upper
43 100
61 23.2 22.4 33.6
87 10.3 8.7 13.1



#44
Trichloroethene
Concen: 52.985 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.001 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion:130 Resp: 278666
Ion Ratio Lower Upper
130 100
95 99.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 54.739 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

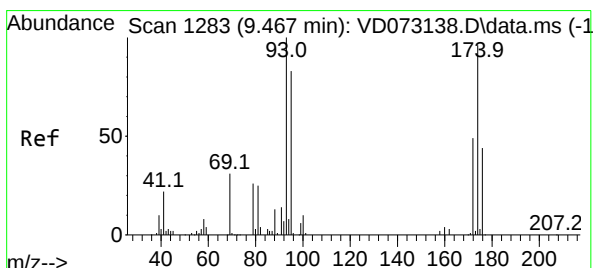
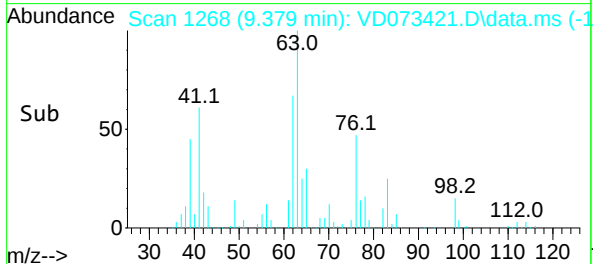
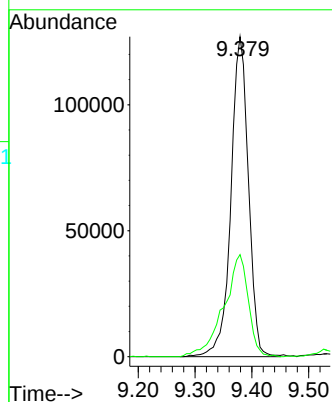
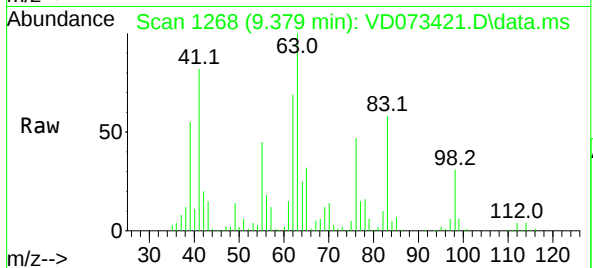
ClientSampleId :

Tgt Ion: 63 Resp: 271884

Ion Ratio Lower Upper

63 100

65 31.9 26.2 39.4



#46

Dibromomethane

Concen: 52.514 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

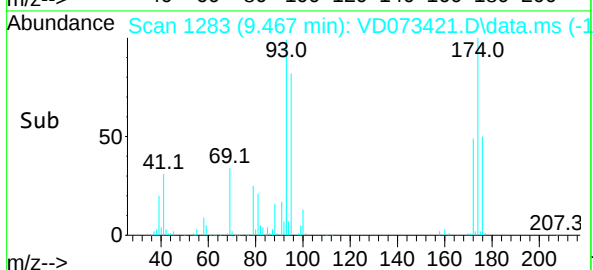
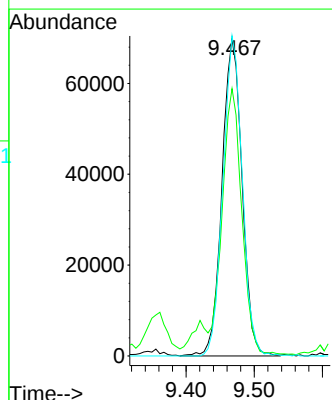
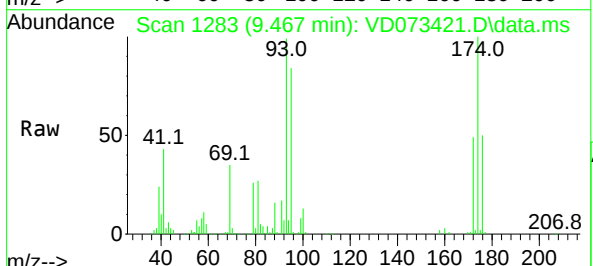
Tgt Ion: 93 Resp: 143255

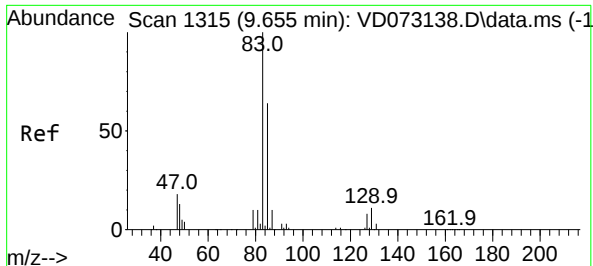
Ion Ratio Lower Upper

93 100

95 81.3 66.7 100.1

174 97.1 71.6 107.4





#47

Bromodichloromethane

Concen: 61.244 ug/l

RT: 9.650 min Scan# 1

Delta R.T. -0.005 min

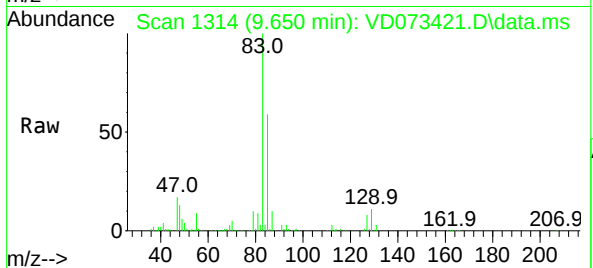
Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :



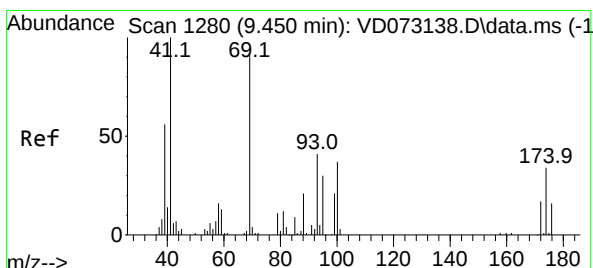
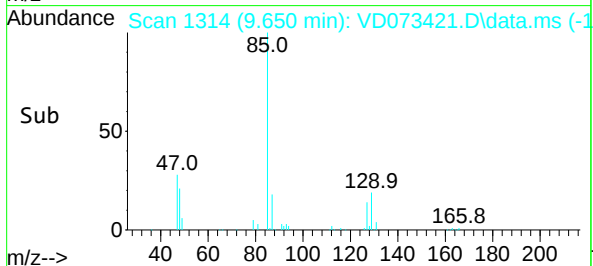
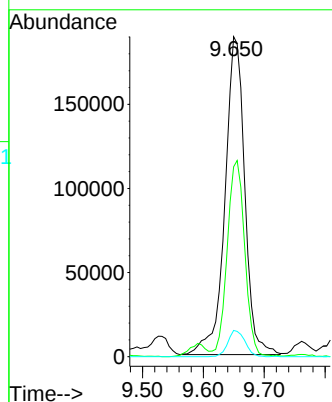
Tgt Ion: 83 Resp: 427476

Ion Ratio Lower Upper

83 100

85 59.5 51.4 77.0

127 8.3 6.1 9.1



#48

Methyl methacrylate

Concen: 63.898 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

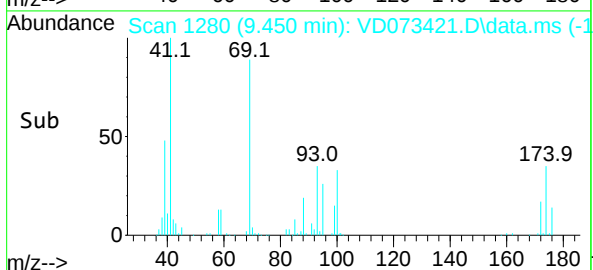
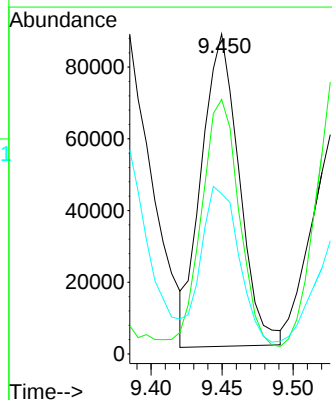
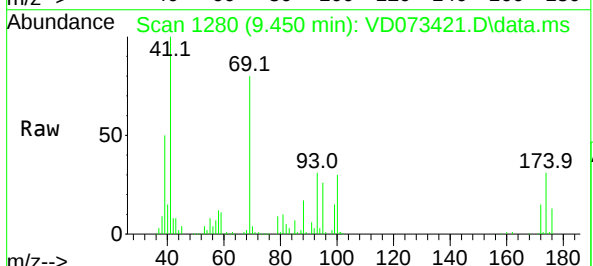
Tgt Ion: 41 Resp: 160619

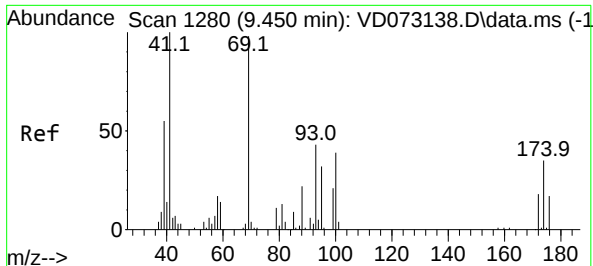
Ion Ratio Lower Upper

41 100

69 81.6 56.7 85.1

39 50.4 42.7 64.1

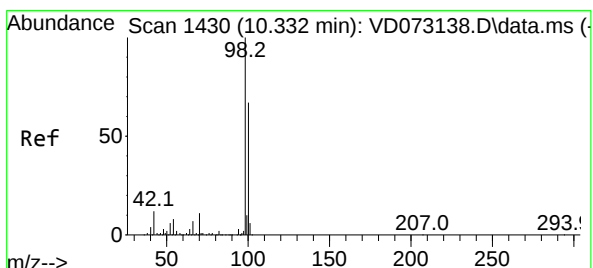
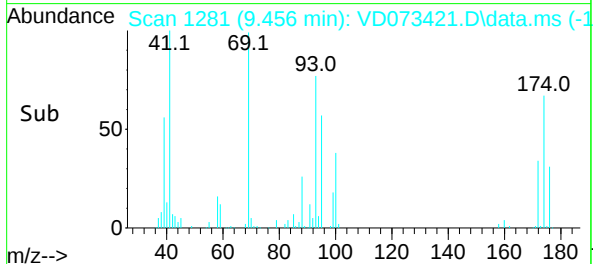
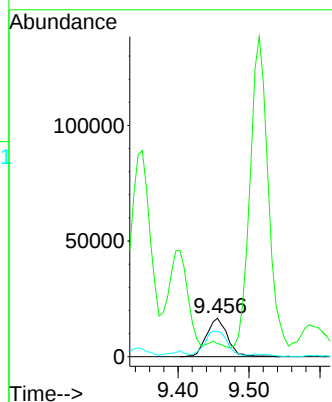
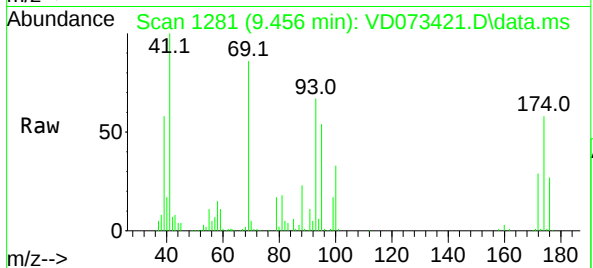




#49
1,4-Dioxane
Concen: 1210.843 ug/l
RT: 9.456 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

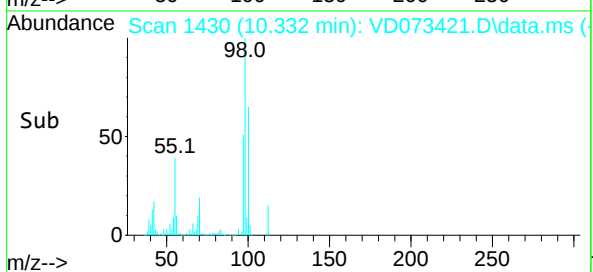
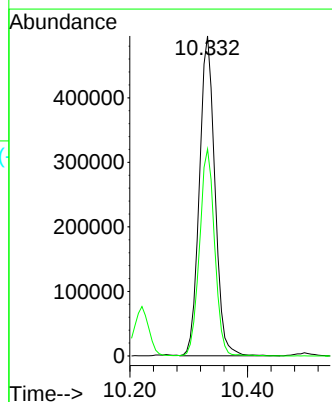
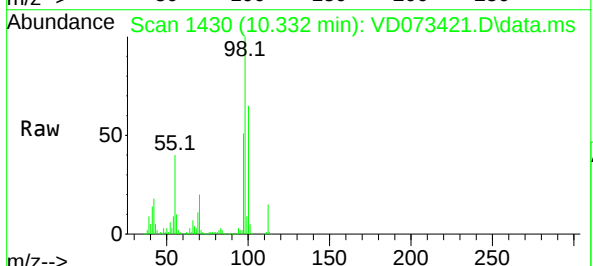
Instrument :
MSVOA_D
ClientSampleId :

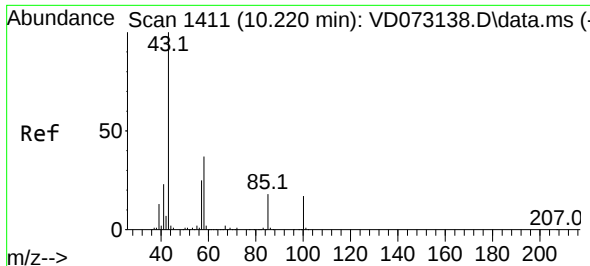
Tgt Ion: 88 Resp: 34111
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 71.3 58.1 87.1



#50
Toluene-d8
Concen: 53.940 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 98 Resp: 904736
Ion Ratio Lower Upper
98 100
100 63.2 52.4 78.6

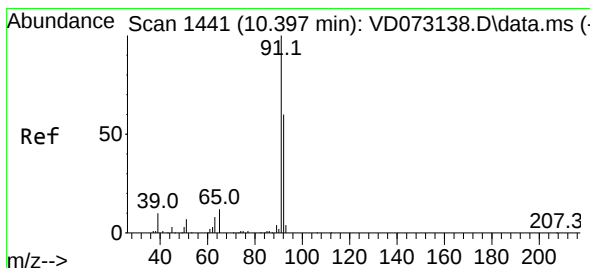
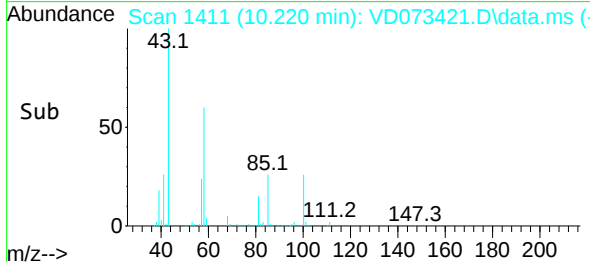
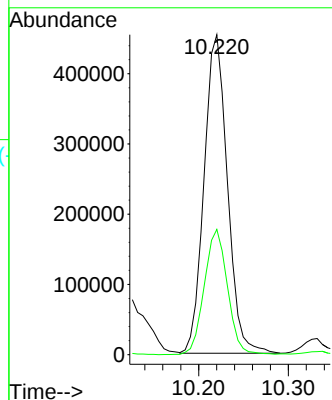
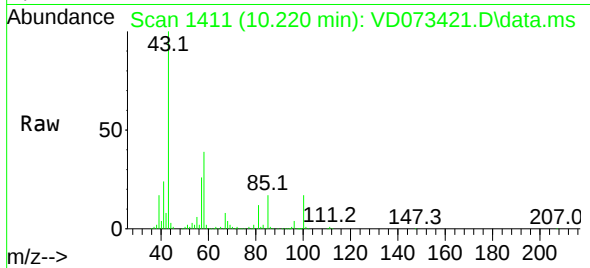




#51
4-Methyl-2-Pentanone
Concen: 316.209 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

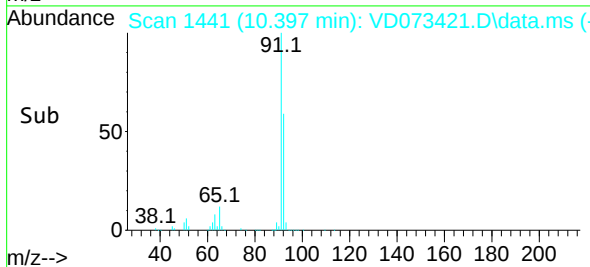
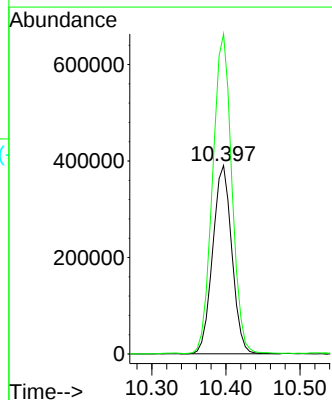
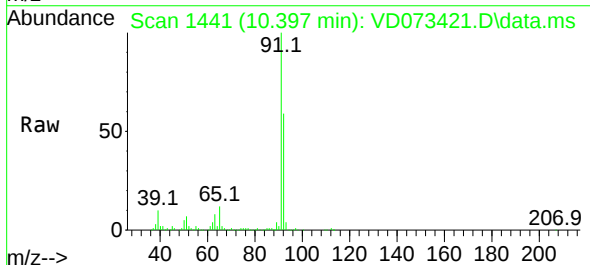
Instrument :
MSVOA_D
ClientSampleId :

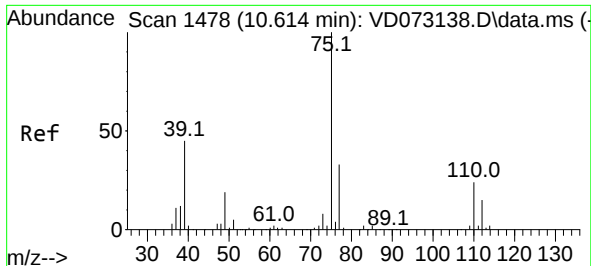
Tgt Ion: 43 Resp: 820555
Ion Ratio Lower Upper
43 100
58 39.1 28.6 43.0



#52
Toluene
Concen: 56.074 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 92 Resp: 698854
Ion Ratio Lower Upper
92 100
91 170.0 139.6 209.4

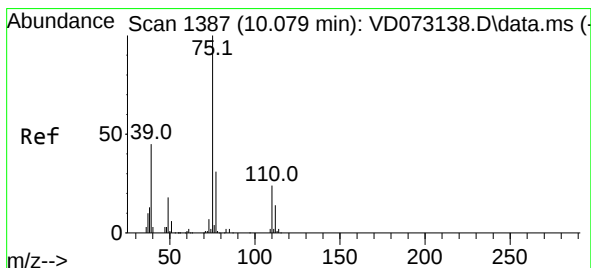
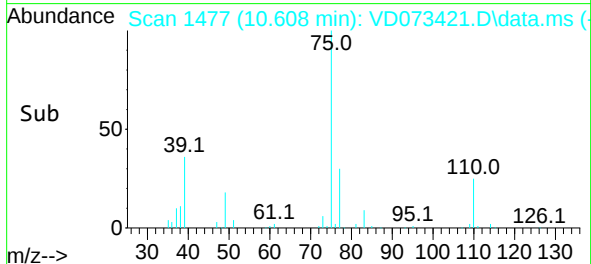
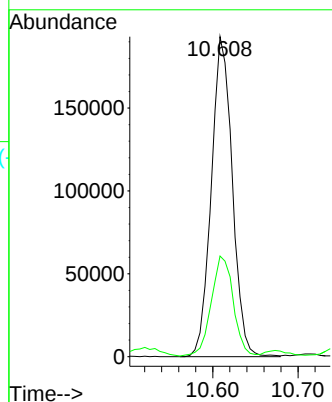
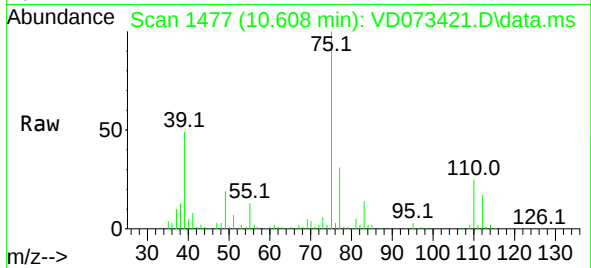




#53
t-1,3-Dichloropropene
Concen: 52.423 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

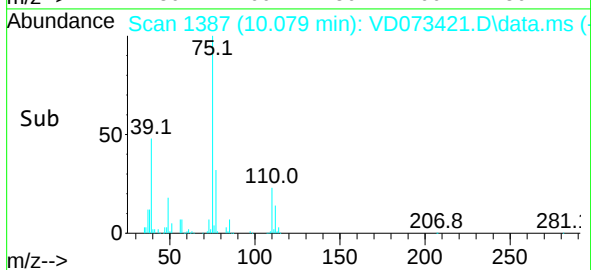
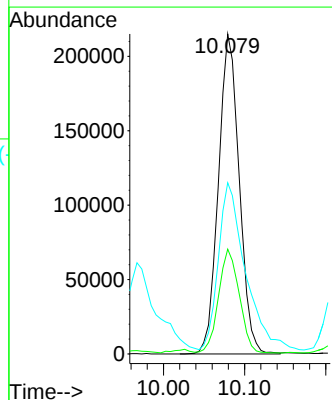
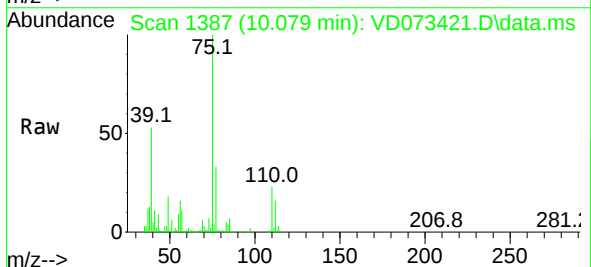
Instrument :
MSVOA_D
ClientSampleId :

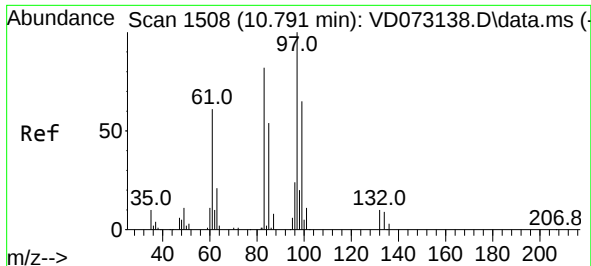
Tgt Ion: 75 Resp: 330568
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 50.815 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 75 Resp: 383454
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2
39 49.2 46.8 70.2

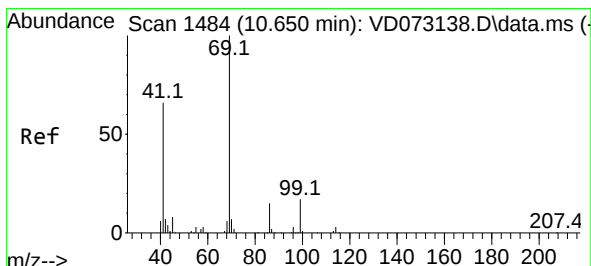
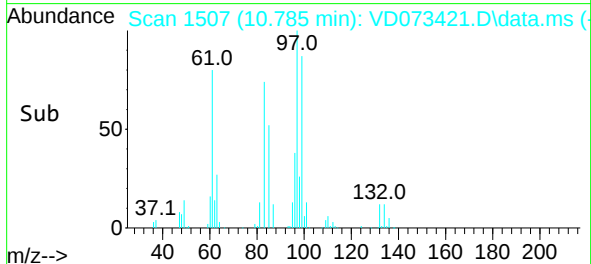
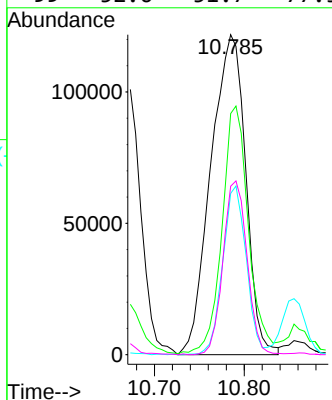
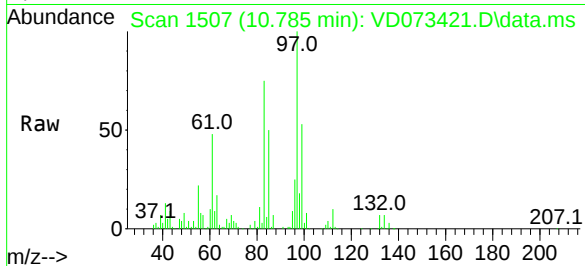




#55
1,1,2-Trichloroethane
Concen: 89.015 ug/l
RT: 10.785 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

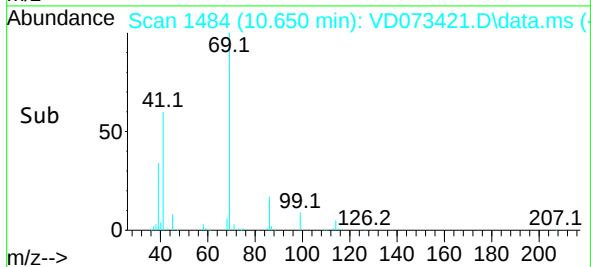
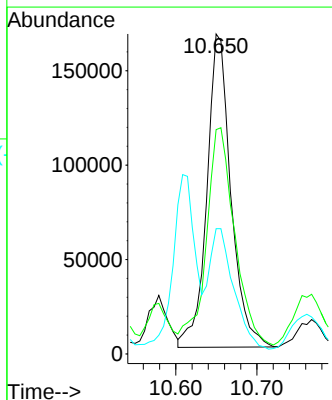
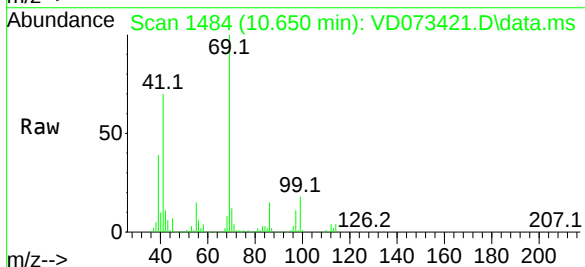
Instrument :
MSVOA_D
ClientSampleId :

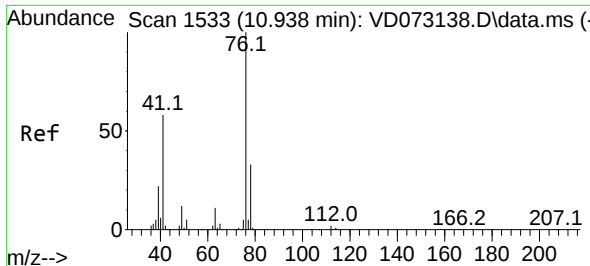
Tgt Ion: 97 Resp: 328363
Ion Ratio Lower Upper
97 100
83 75.0 69.0 103.4
85 50.4 42.6 63.8
99 52.6 51.7 77.5



#56
Ethyl methacrylate
Concen: 83.192 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

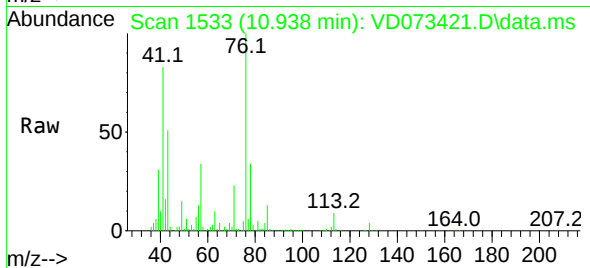
Tgt Ion: 69 Resp: 341205
Ion Ratio Lower Upper
69 100
41 81.6 63.0 94.6
39 39.7 33.8 50.8



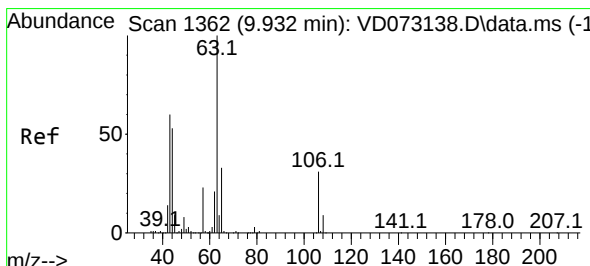
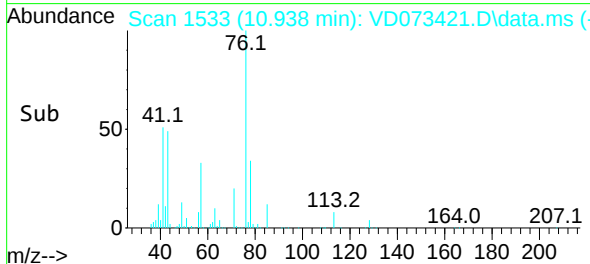
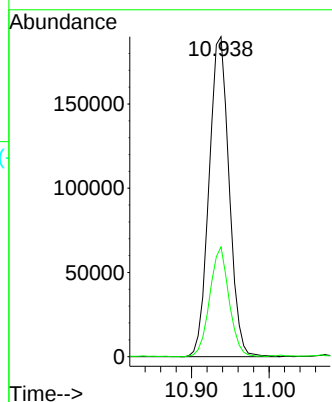


#57
 1,3-Dichloropropane
 Concen: 55.093 ug/l
 RT: 10.938 min Scan# 1533
 Delta R.T. -0.000 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

Instrument :
 MSVOA_D
 ClientSampleId :

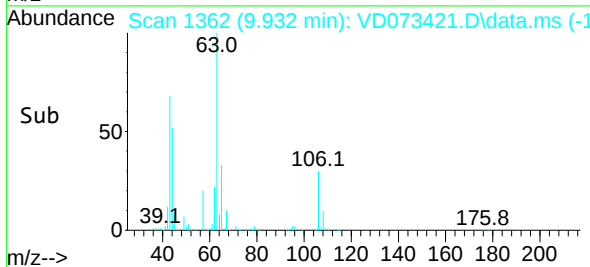
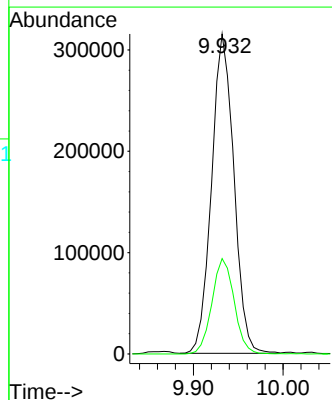
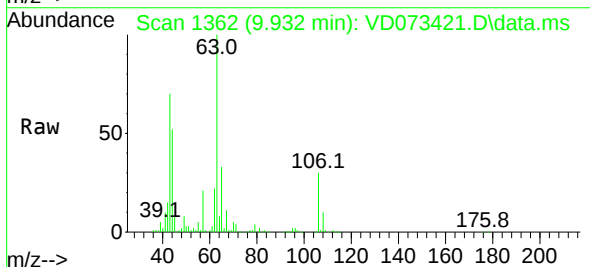


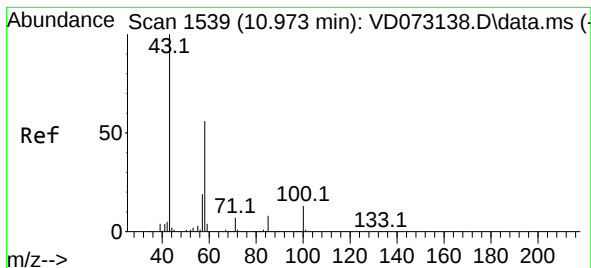
Tgt Ion: 76 Resp: 341005
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.465 ug/l
 RT: 9.932 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

Tgt Ion: 63 Resp: 543605
 Ion Ratio Lower Upper
 63 100
 106 29.7 21.4 32.0

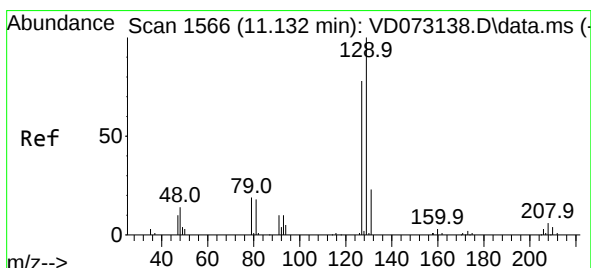
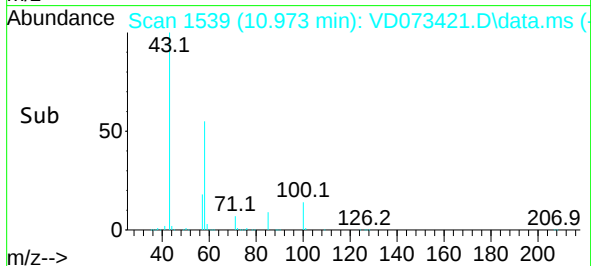
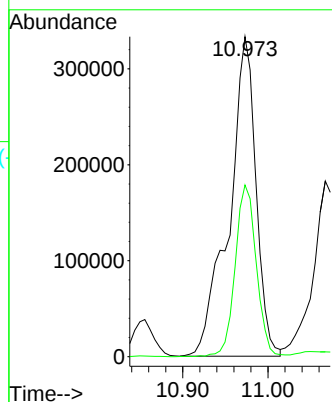
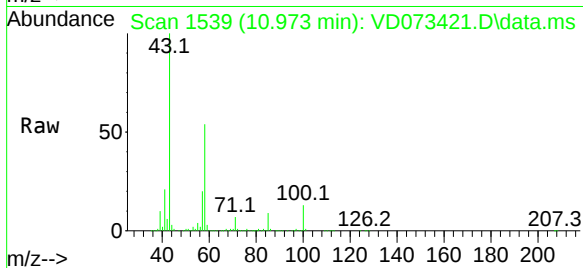




#59
2-Hexanone
Concen: 426.975 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

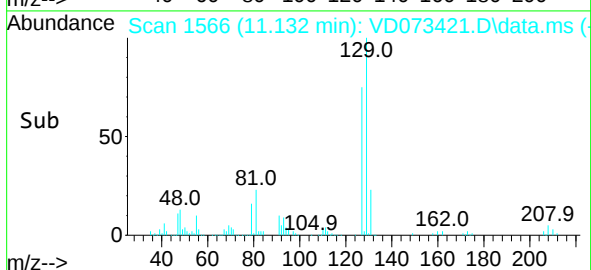
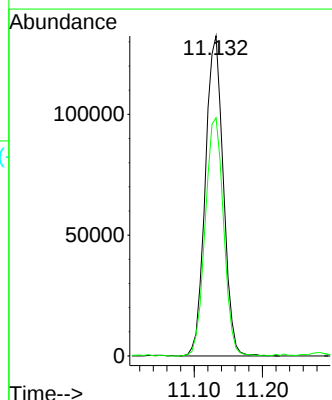
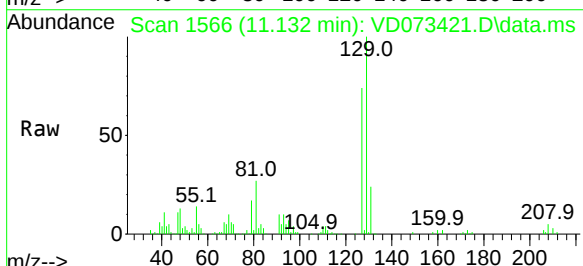
Instrument :
MSVOA_D
ClientSampleId :

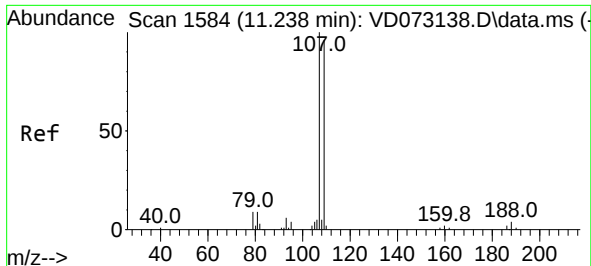
Tgt Ion: 43 Resp: 730482
Ion Ratio Lower Upper
43 100
58 42.4 25.3 75.9



#60
Dibromochloromethane
Concen: 52.802 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion:129 Resp: 242875
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6

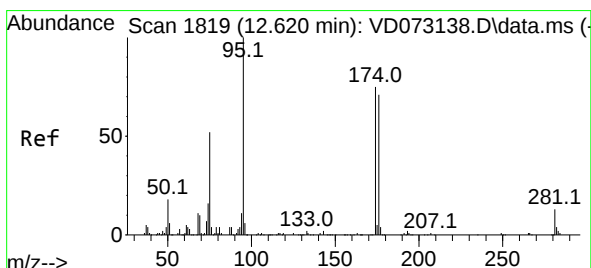
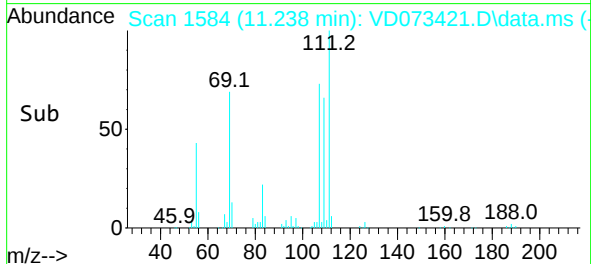
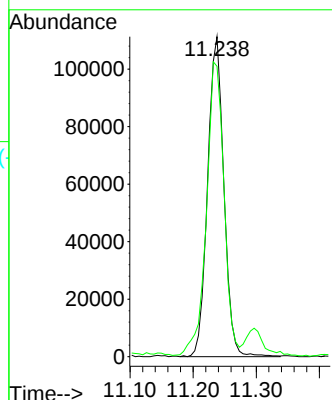
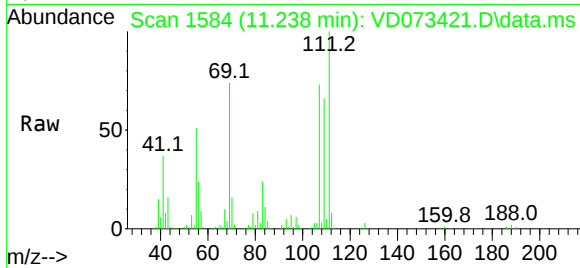




#61
1,2-Dibromoethane
Concen: 56.527 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

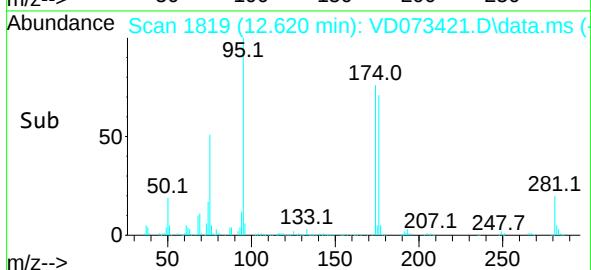
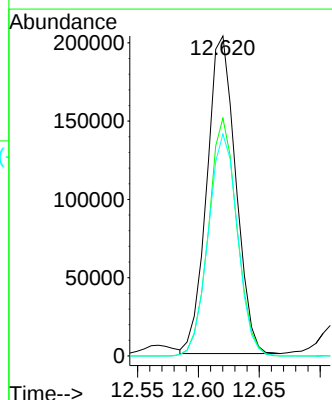
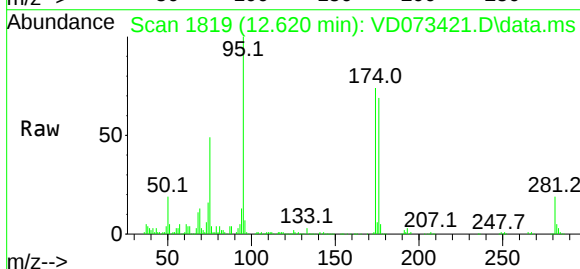
Instrument :
MSVOA_D
ClientSampleId :

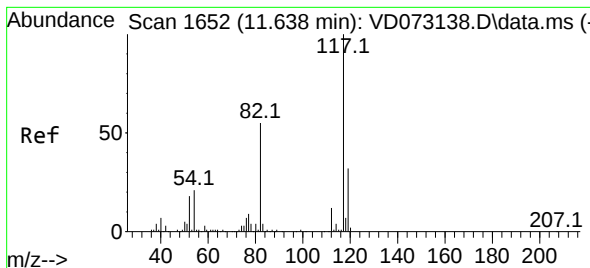
Tgt Ion:107 Resp: 199257
Ion Ratio Lower Upper
107 100
109 98.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.800 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 95 Resp: 334342
Ion Ratio Lower Upper
95 100
174 73.6 0.0 152.8
176 70.7 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

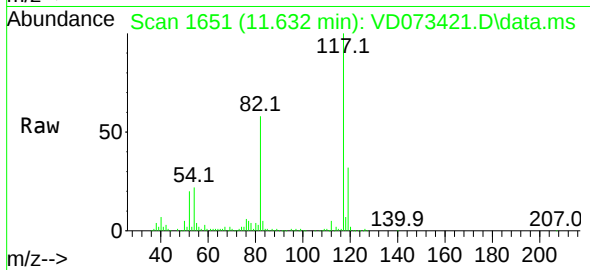
Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :



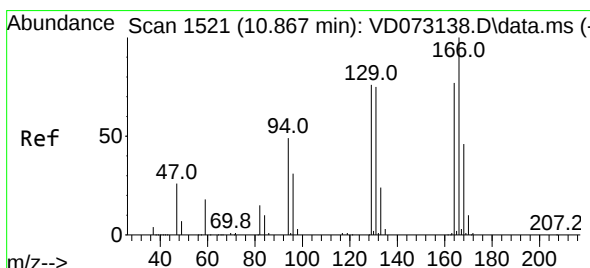
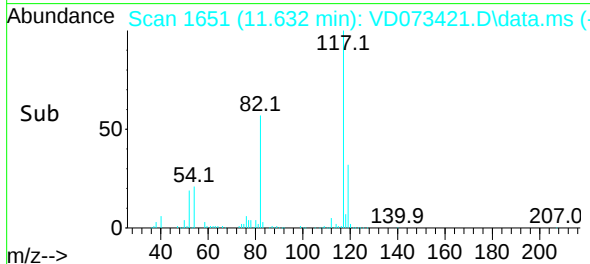
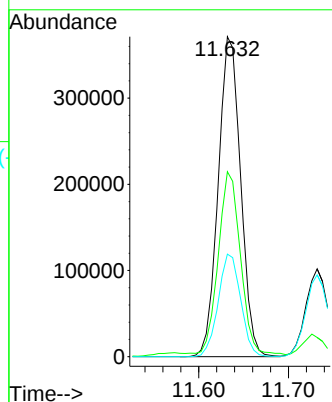
Tgt Ion:117 Resp: 644773

Ion Ratio Lower Upper

117 100

82 56.8 45.3 67.9

119 32.1 26.6 40.0



#64

Tetrachloroethene

Concen: 51.147 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Tgt Ion:164 Resp: 216000

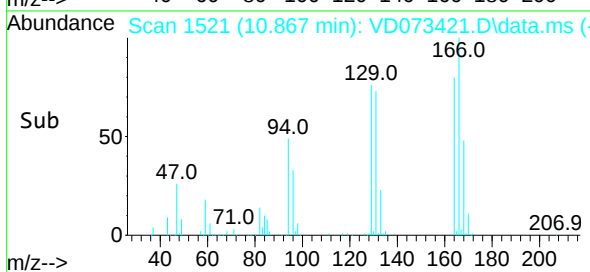
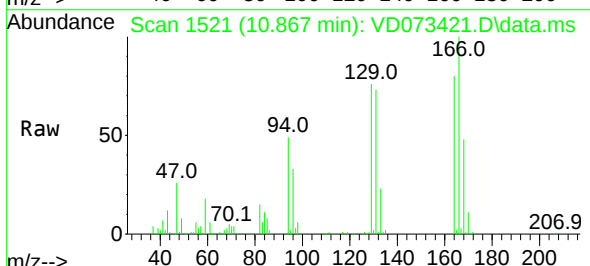
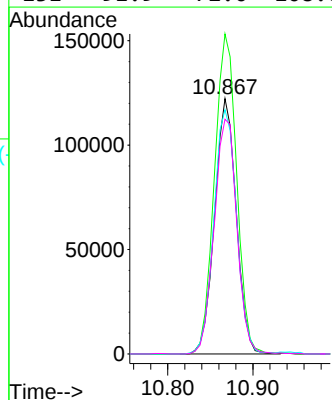
Ion Ratio Lower Upper

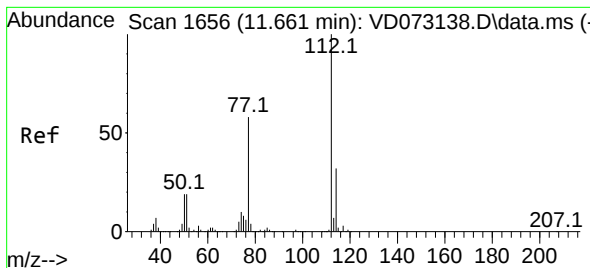
164 100

166 125.3 98.5 147.7

129 95.6 74.6 111.8

131 91.9 72.0 108.0





#65

Chlorobenzene

Concen: 53.033 ug/l

RT: 11.661 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

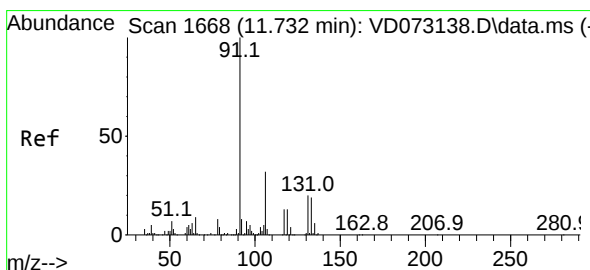
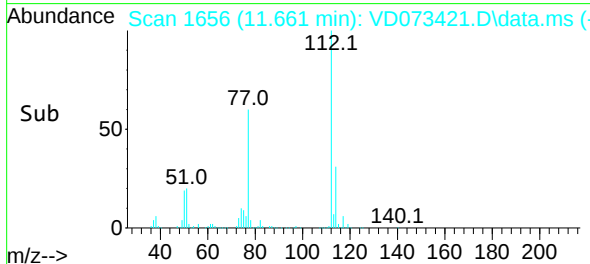
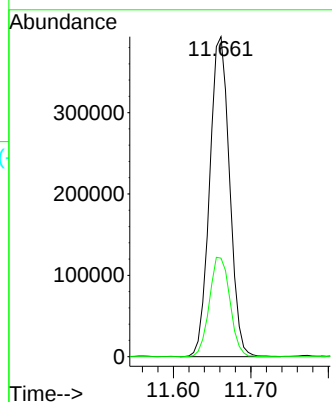
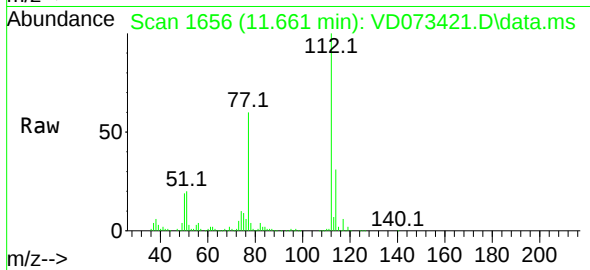
ClientSampleId :

Tgt Ion:112 Resp: 701483

Ion Ratio Lower Upper

112 100

114 30.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.866 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

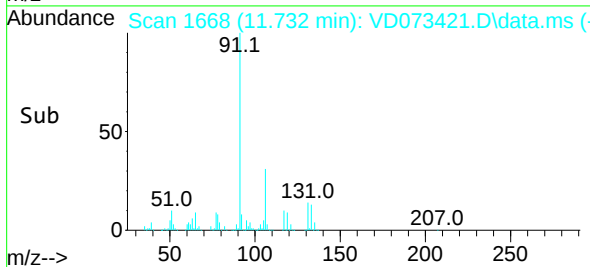
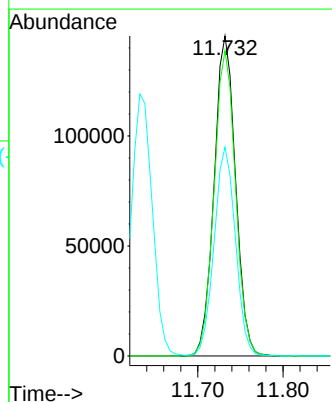
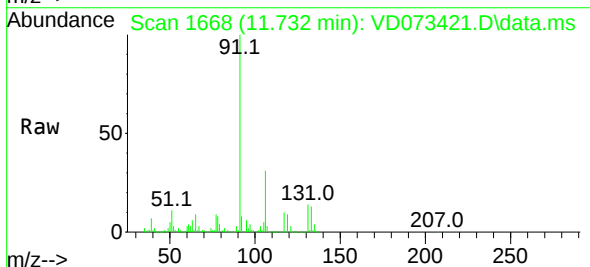
Tgt Ion:131 Resp: 254438

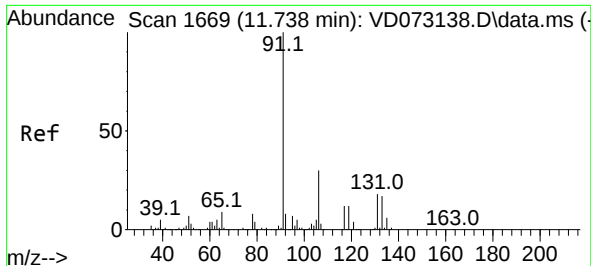
Ion Ratio Lower Upper

131 100

133 95.4 48.1 144.3

119 65.0 31.9 95.9

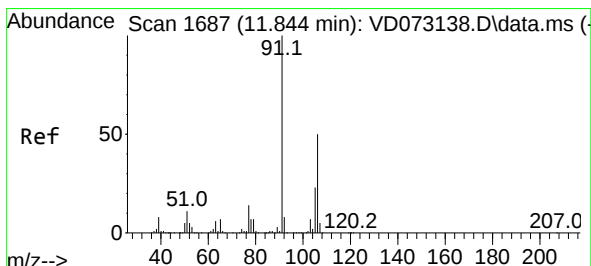
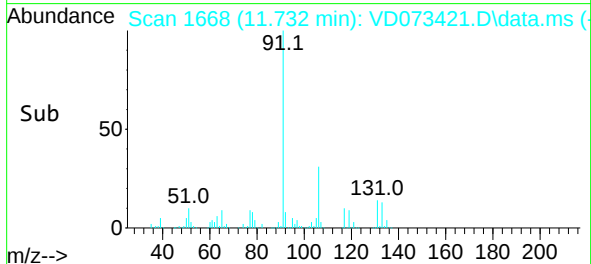
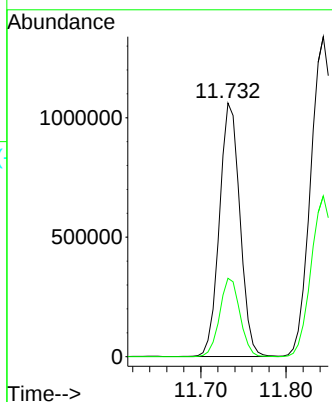
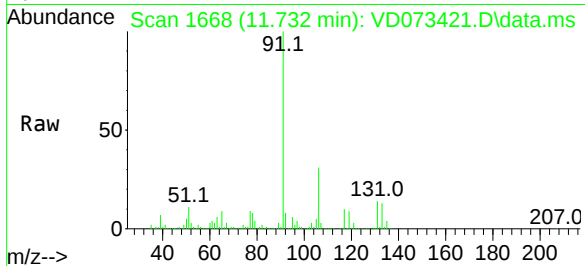




#67
Ethyl Benzene
Concen: 76.479 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

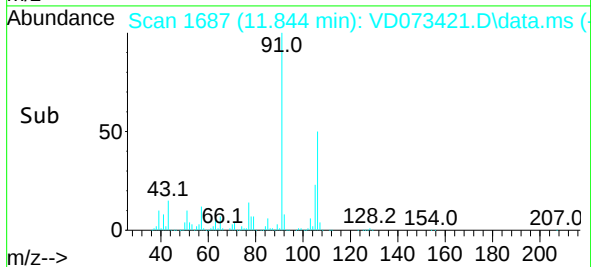
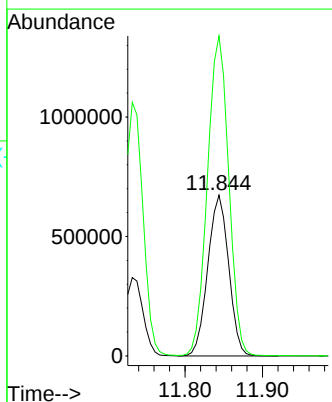
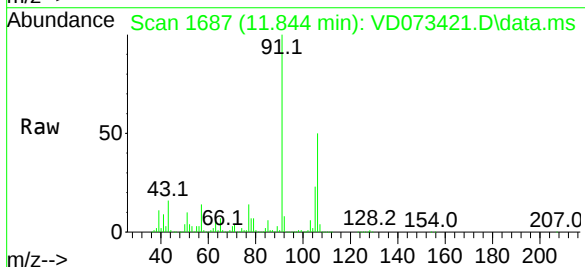
Instrument :
MSVOA_D
ClientSampleId :

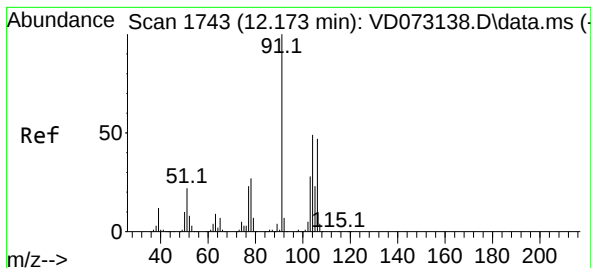
Tgt Ion: 91 Resp: 1775867
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4



#68
m/p-Xylenes
Concen: 139.557 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion:106 Resp: 1258992
Ion Ratio Lower Upper
106 100
91 202.9 163.7 245.5





#69

o-Xylene

Concen: 61.618 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. -0.006 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

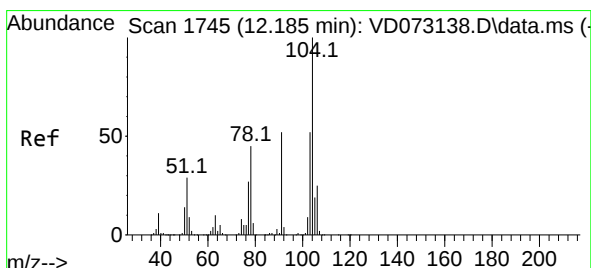
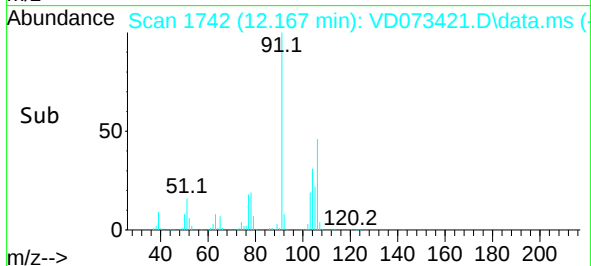
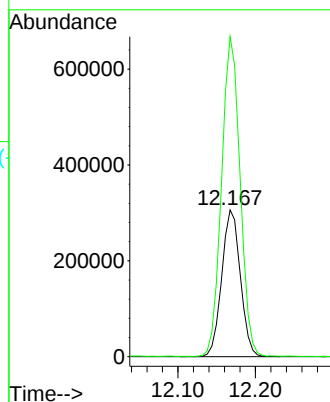
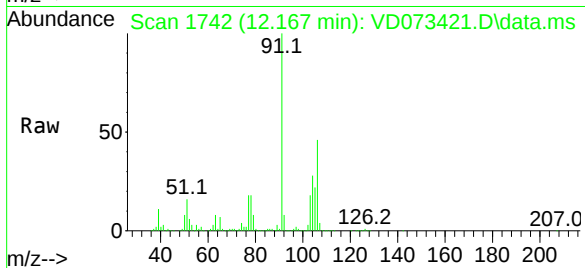
ClientSampleId :

Tgt Ion:106 Resp: 510656

Ion Ratio Lower Upper

106 100

91 217.2 110.4 331.2



#70

Styrene

Concen: 56.866 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

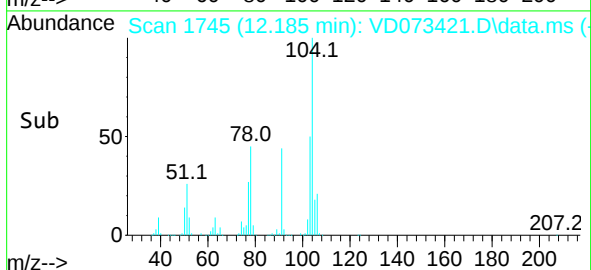
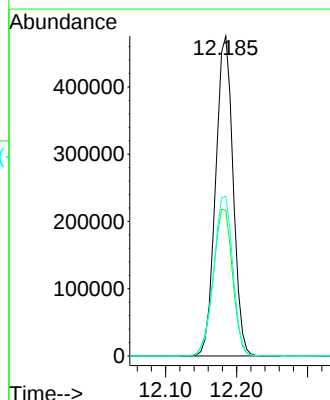
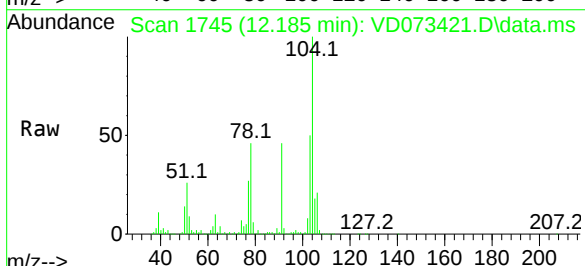
Tgt Ion:104 Resp: 810824

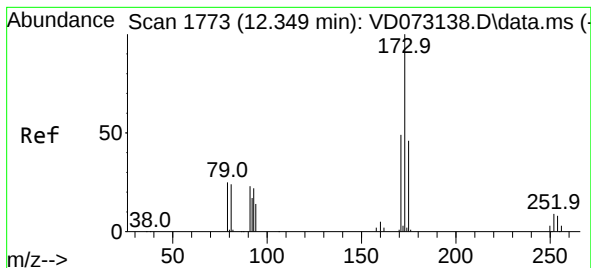
Ion Ratio Lower Upper

104 100

78 51.0 41.8 62.8

103 54.6 44.2 66.4





#71

Bromoform

Concen: 54.915 ug/l

RT: 12.350 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

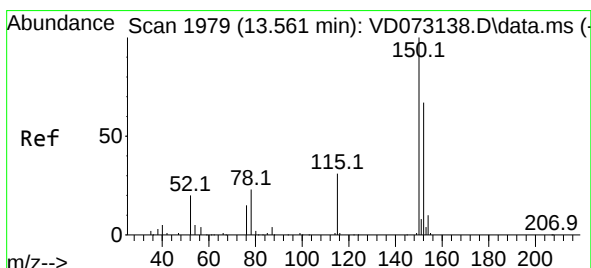
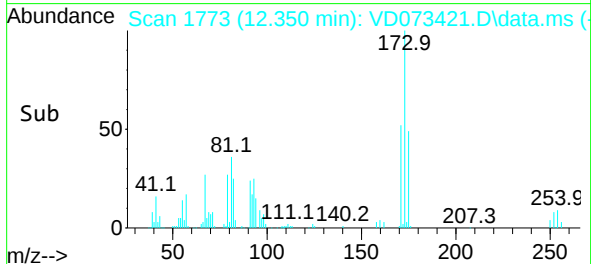
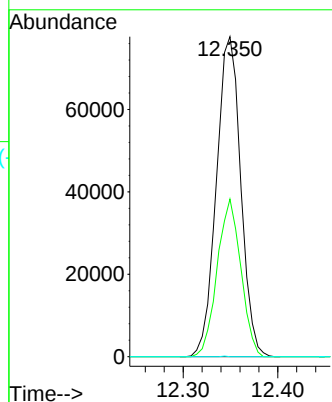
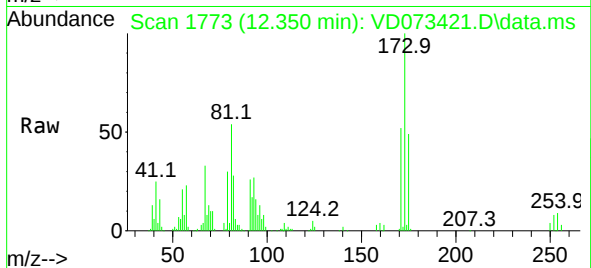
Tgt Ion:173 Resp: 138648

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: VD073421.D

Acq: 27 May 2022 20:02

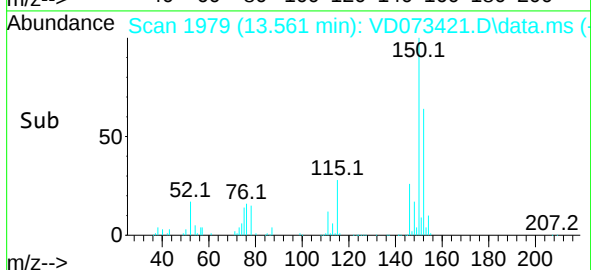
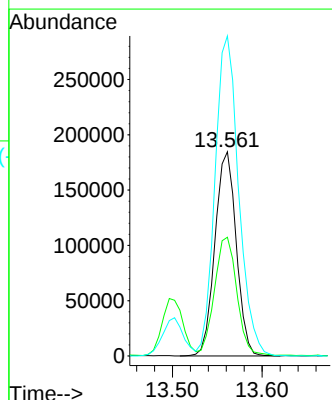
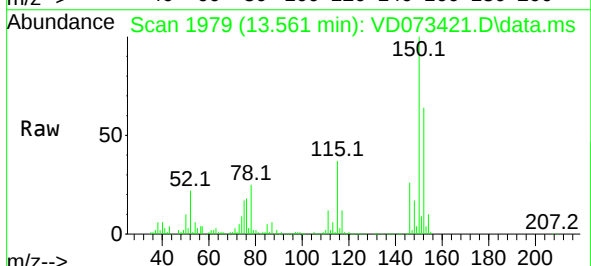
Tgt Ion:152 Resp: 304180

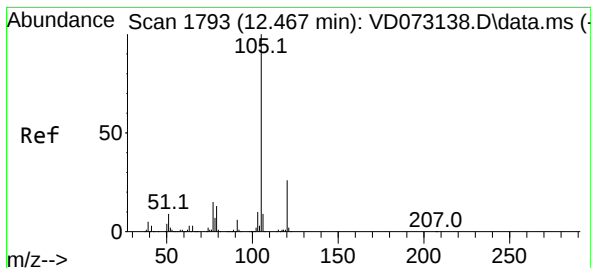
Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.8

150 174.0 0.0 348.6





#73

Isopropylbenzene

Concen: 59.104 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

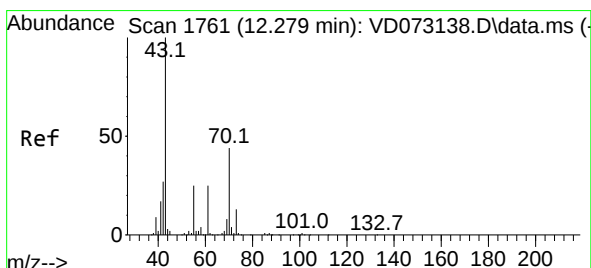
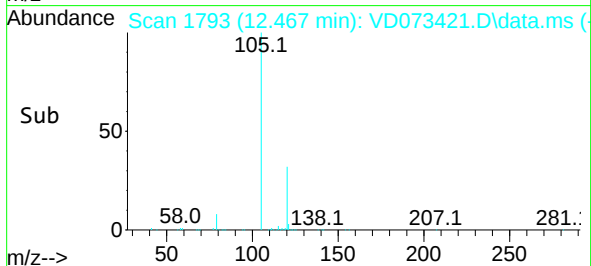
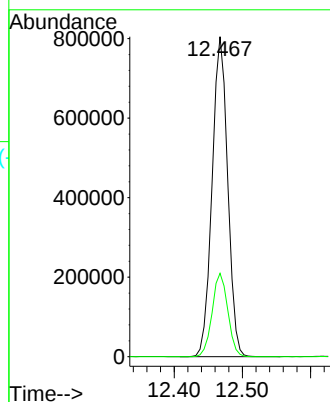
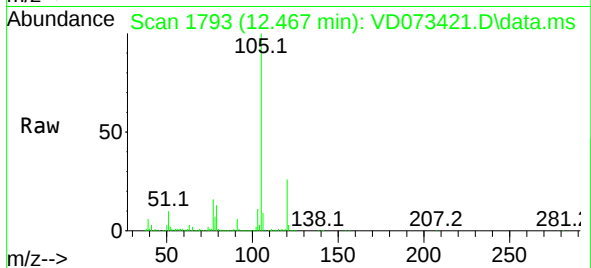
ClientSampleId :

Tgt Ion:105 Resp: 1281650

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 76.360 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. -0.006 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Tgt Ion: 43 Resp: 361229

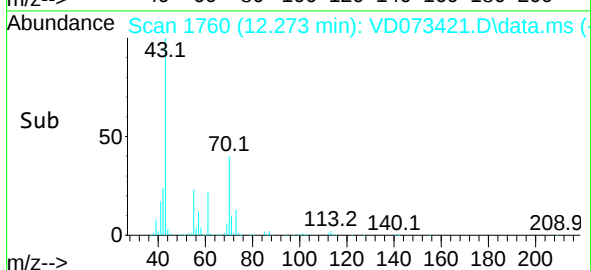
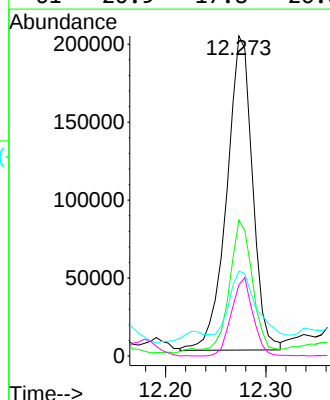
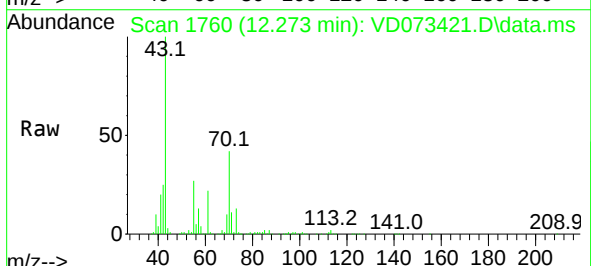
Ion Ratio Lower Upper

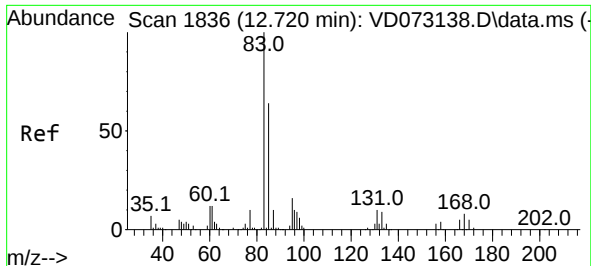
43 100

70 35.8 31.3 46.9

55 26.5 20.0 30.0

61 20.9 17.8 26.8

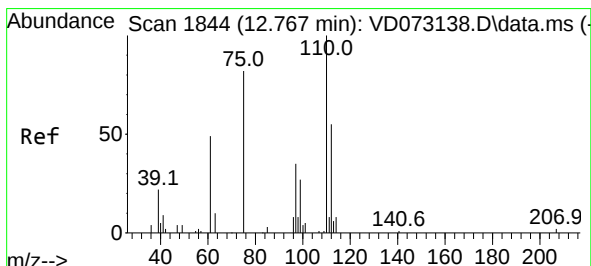
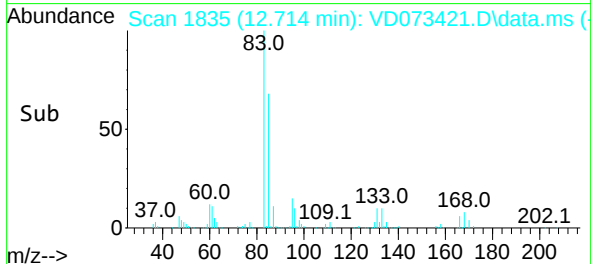
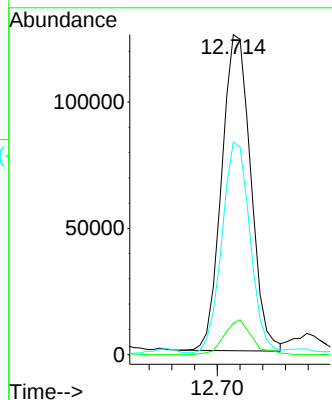
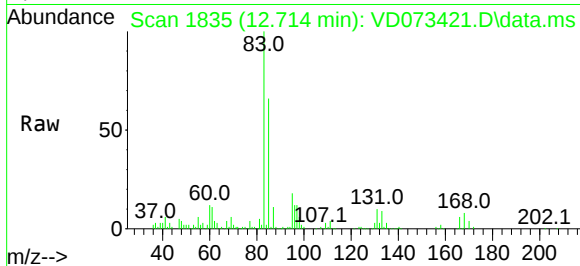




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.474 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

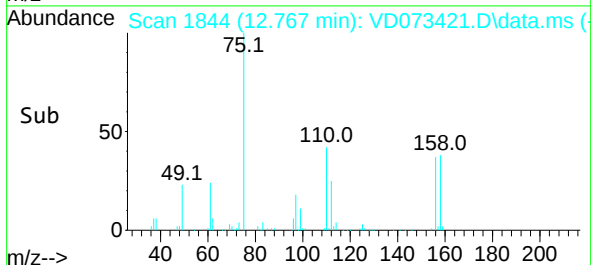
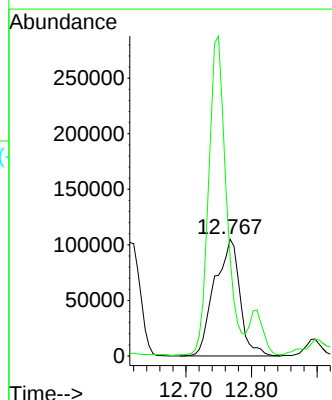
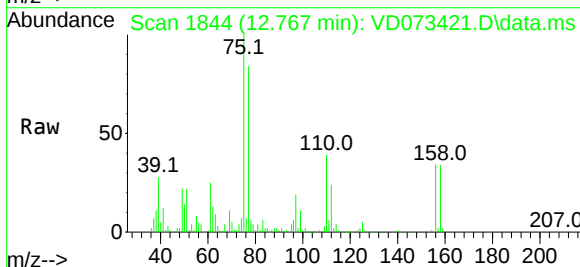
Instrument :
 MSVOA_D
 ClientSampleId :

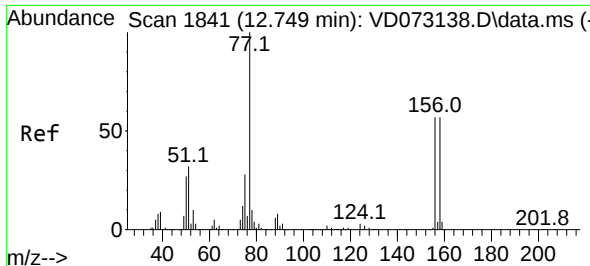
Tgt Ion: 83 Resp: 221858
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.0 14.9
 85 64.8 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 94.257 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

Tgt Ion: 75 Resp: 281314
 Ion Ratio Lower Upper
 75 100
 77 193.7 0.0 0.0#

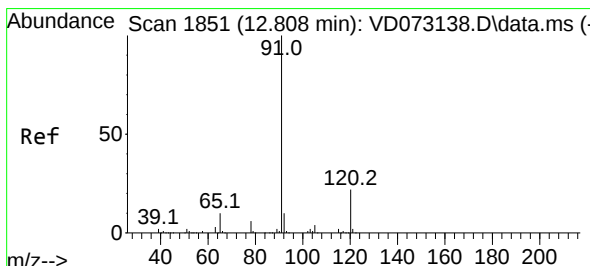
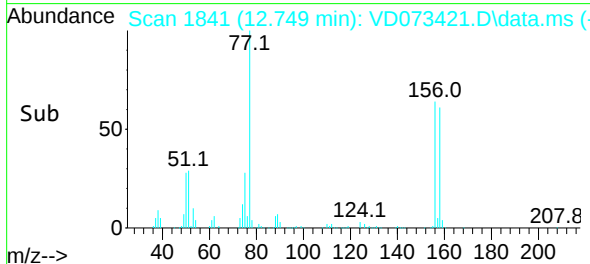
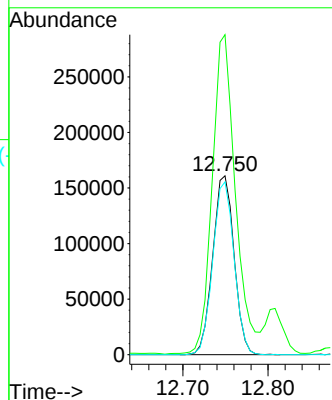
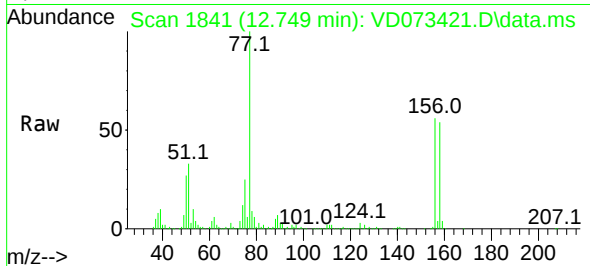




#77
Bromobenzene
Concen: 54.893 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

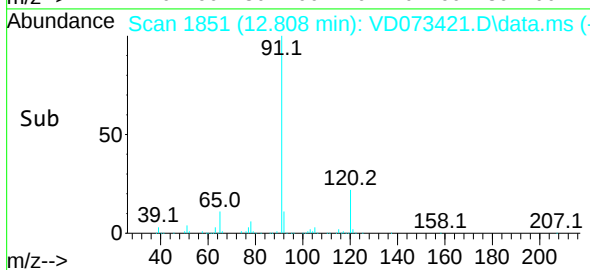
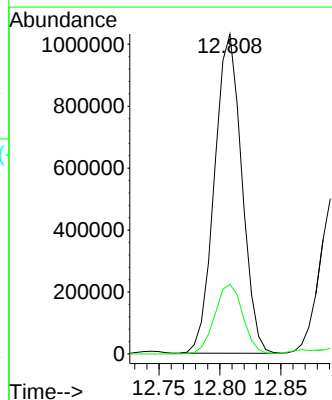
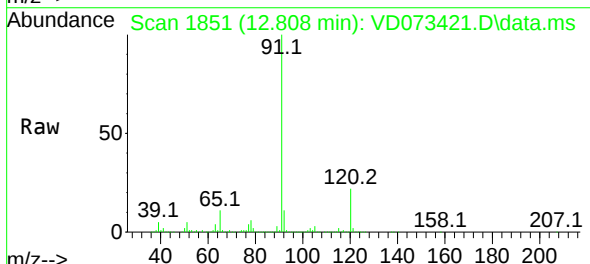
Instrument :
MSVOA_D
ClientSampleId :

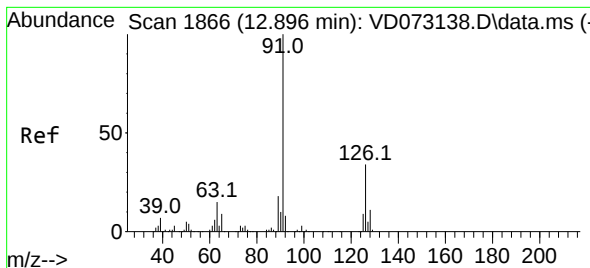
Tgt Ion:156 Resp: 280210
Ion Ratio Lower Upper
156 100
77 194.5 102.8 308.3
158 96.3 48.7 146.1



#78
n-propylbenzene
Concen: 59.019 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 91 Resp: 1606697
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9





#79

2-Chlorotoluene

Concen: 56.454 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. 0.001 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

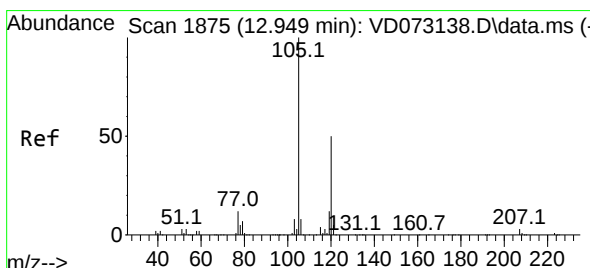
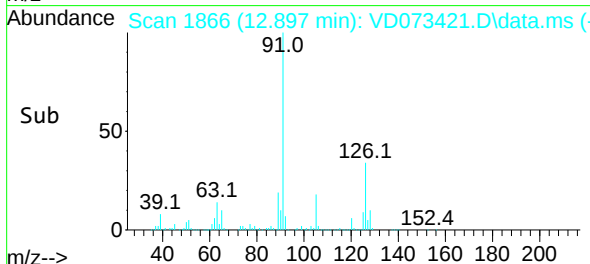
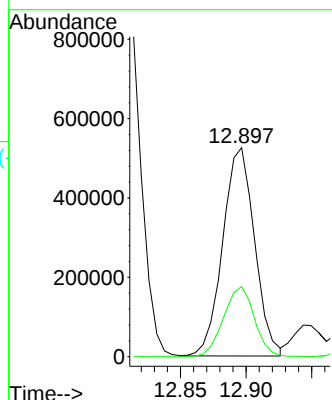
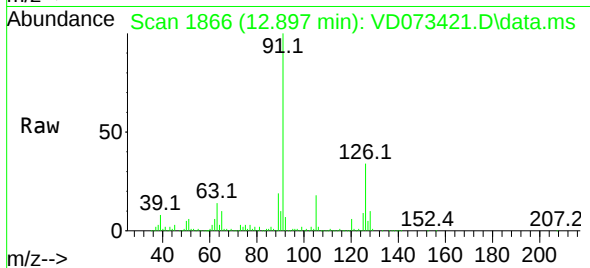
ClientSampleId :

Tgt Ion: 91 Resp: 887367

Ion Ratio Lower Upper

91 100

126 32.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 63.174 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073421.D

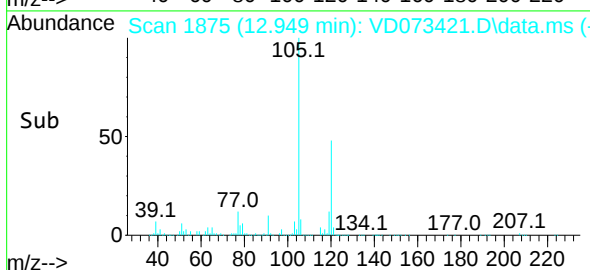
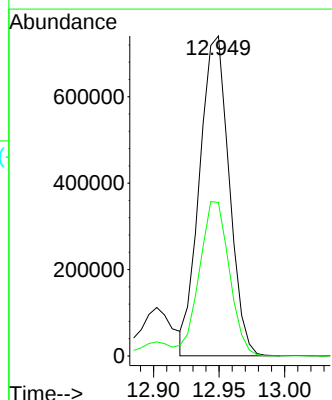
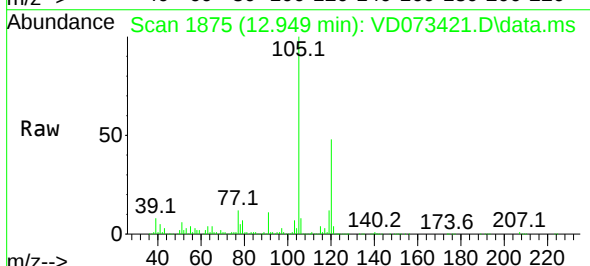
Acq: 27 May 2022 20:02

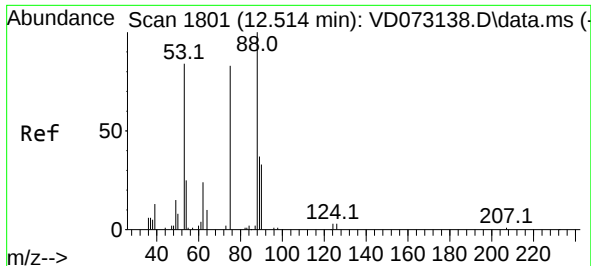
Tgt Ion: 105 Resp: 1160451

Ion Ratio Lower Upper

105 100

120 49.4 24.3 72.8

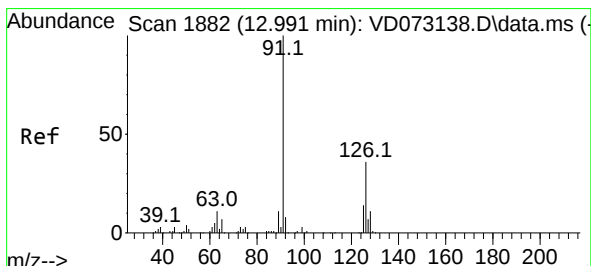
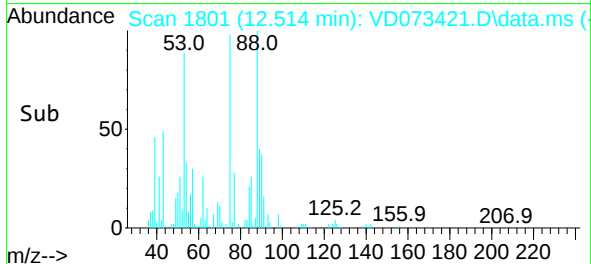
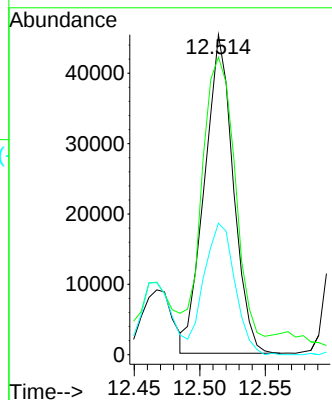
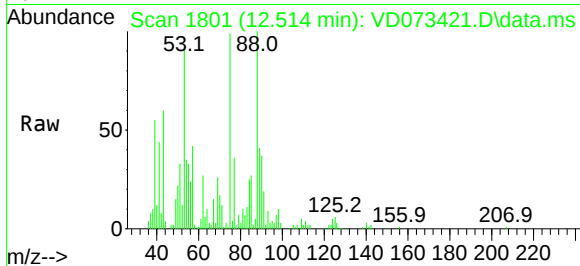




#81
trans-1,4-Dichloro-2-butene
Concen: 55.523 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

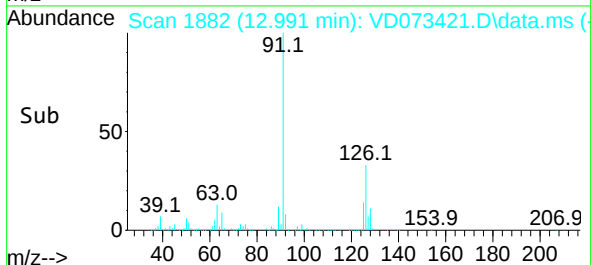
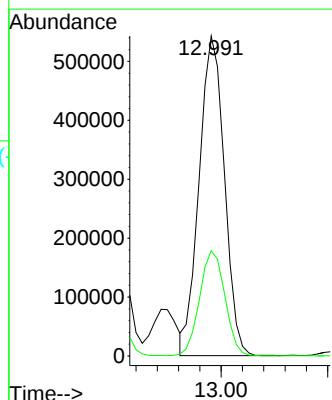
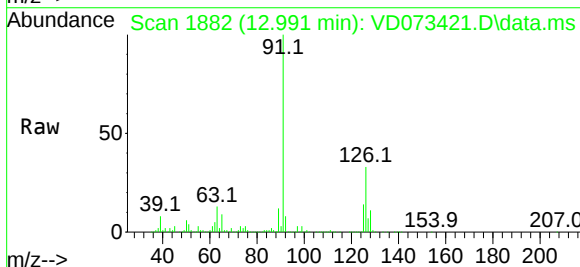
Instrument :
MSVOA_D
ClientSampleId :

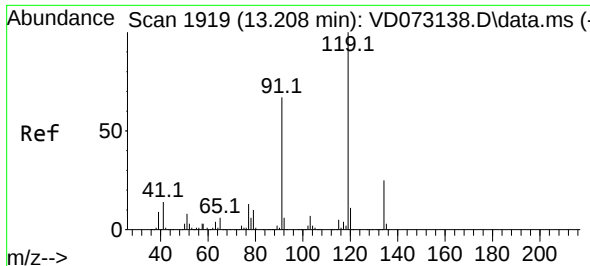
Tgt Ion: 75 Resp: 69026
Ion Ratio Lower Upper
75 100
53 97.7 86.5 129.7
89 44.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 54.204 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 91 Resp: 893043
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5

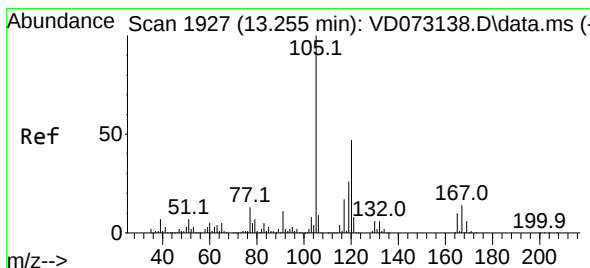
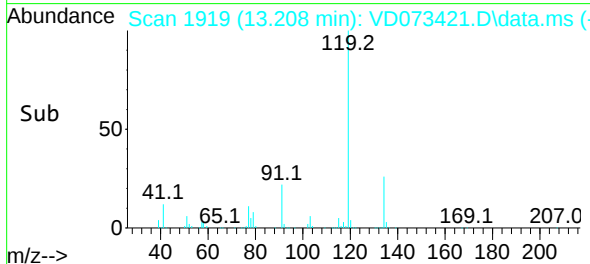
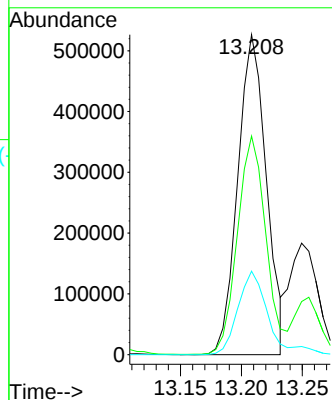
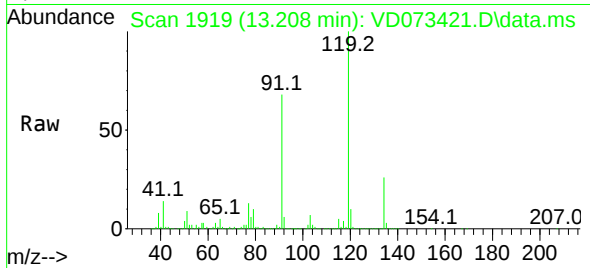




#83
tert-Butylbenzene
Concen: 55.516 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

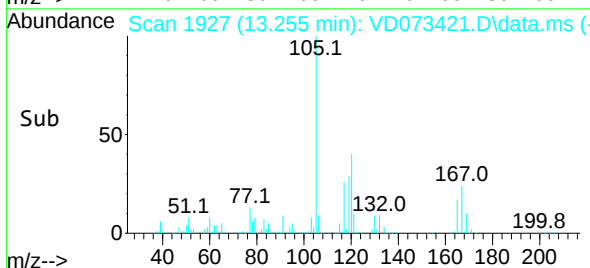
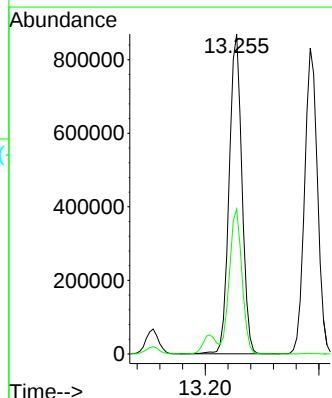
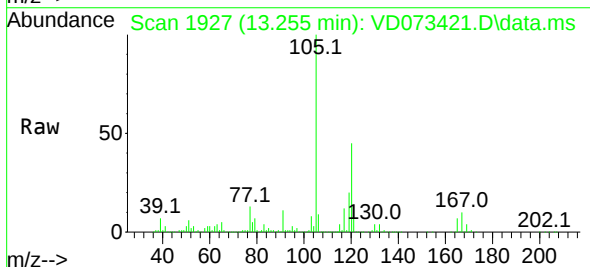
Instrument :
MSVOA_D
ClientSampleId :

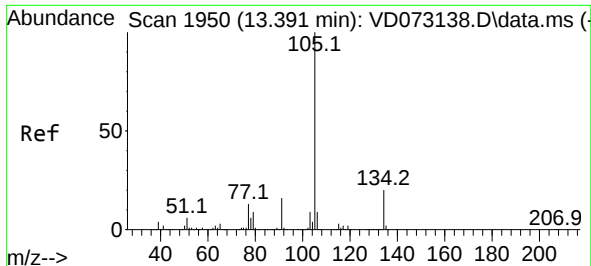
Tgt Ion:119 Resp: 859476
Ion Ratio Lower Upper
119 100
91 68.5 34.8 104.5
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 74.773 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion:105 Resp: 1356889
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8

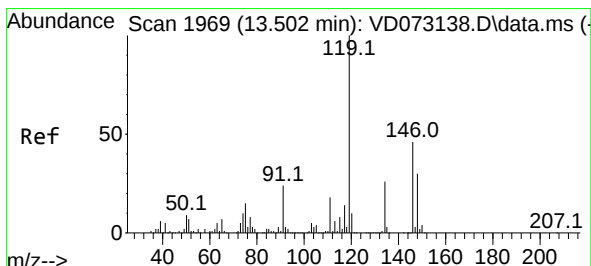
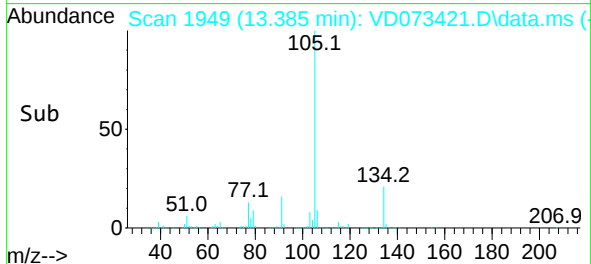
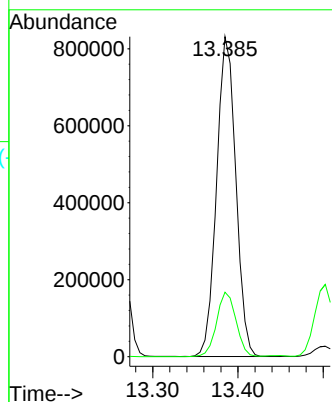
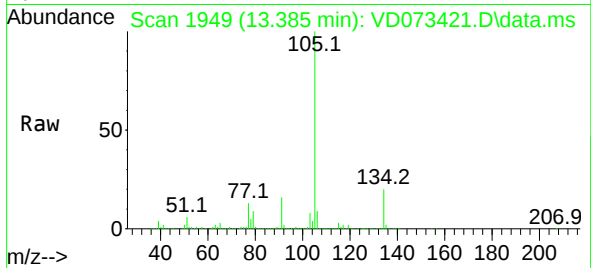




#85
 sec-Butylbenzene
 Concen: 55.168 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

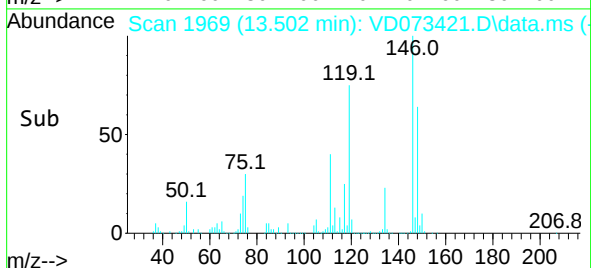
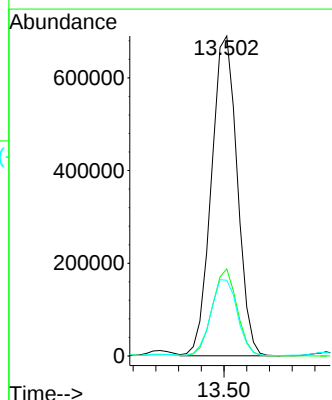
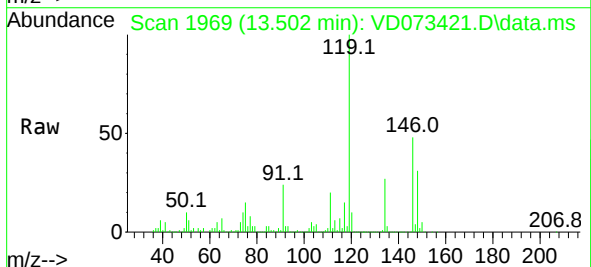
Instrument :
 MSVOA_D
 ClientSampleId :

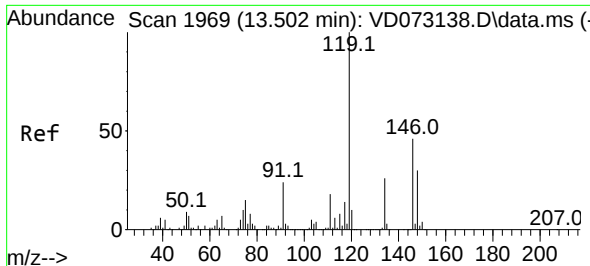
Tgt Ion:105 Resp: 1304111
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 56.566 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

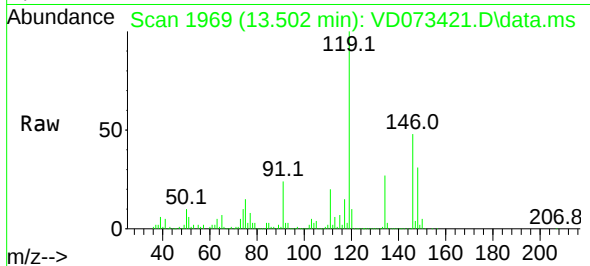
Tgt Ion:119 Resp: 1089998
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 24.5 12.1 36.3



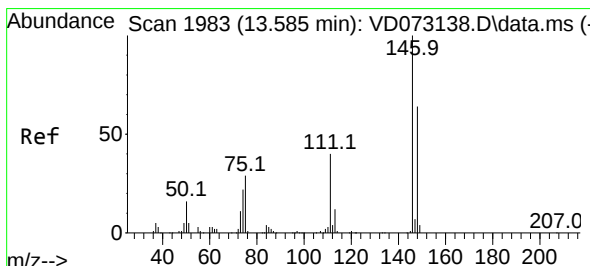
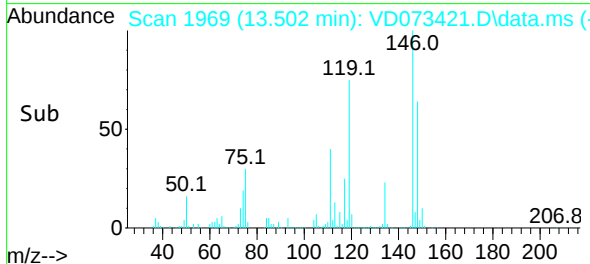
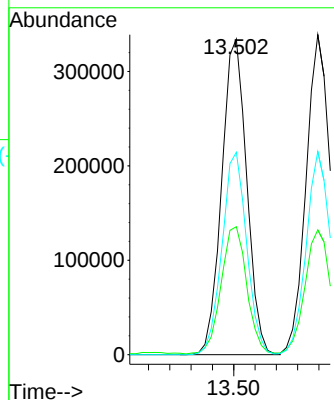


#87
 1,3-Dichlorobenzene
 Concen: 52.961 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

Instrument :
 MSVOA_D
 ClientSampleId :

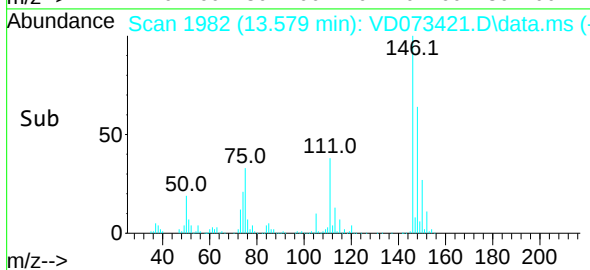
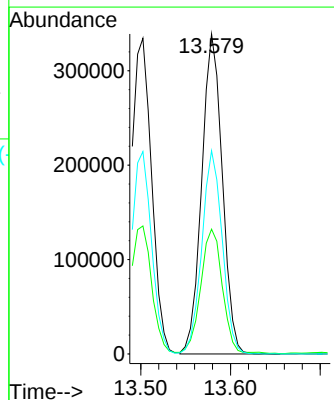
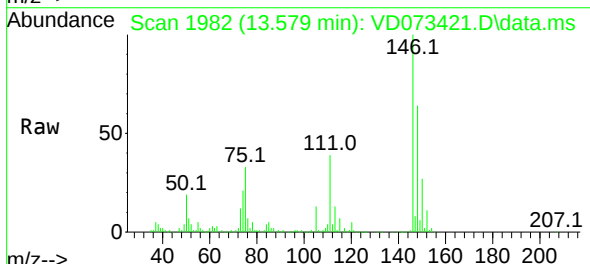


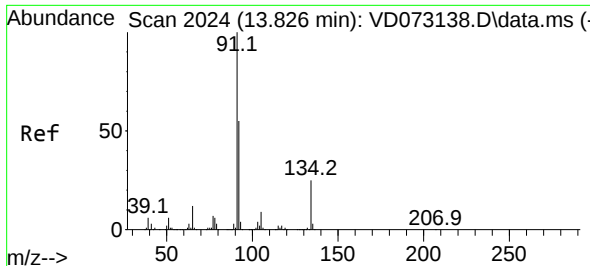
Tgt Ion:146 Resp: 544925
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.4 61.3
 148 63.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 51.935 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VD073421.D
 Acq: 27 May 2022 20:02

Tgt Ion:146 Resp: 539418
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.9
 148 63.1 31.7 95.1

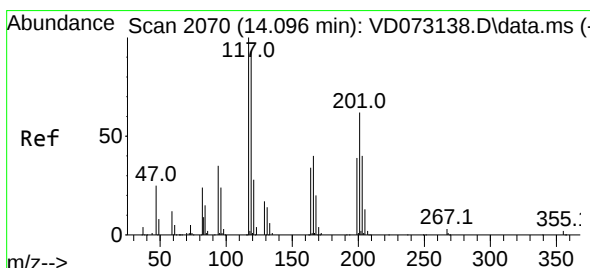
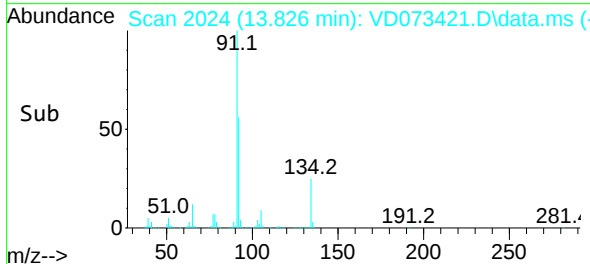
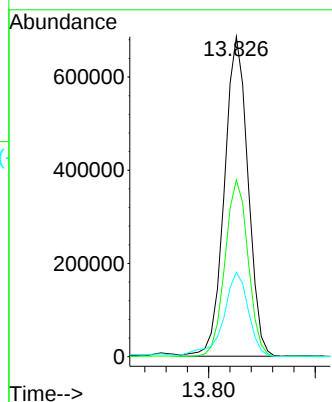
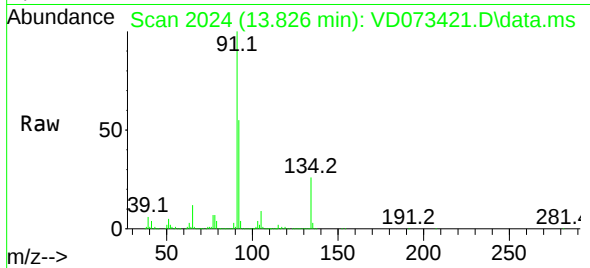




#89
n-Butylbenzene
Concen: 57.413 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

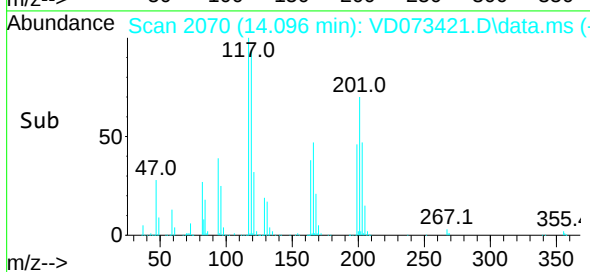
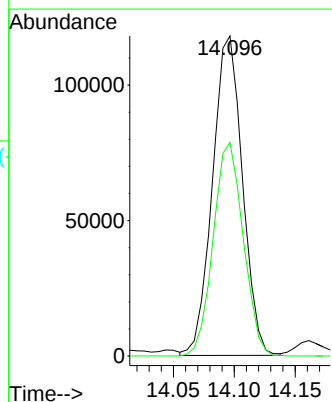
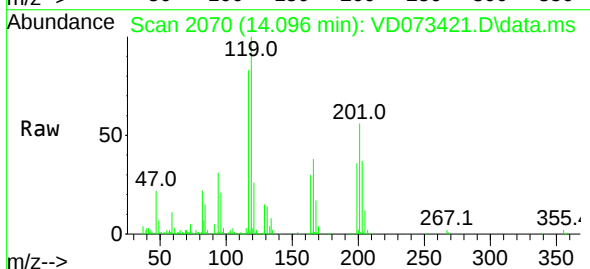
Instrument :
MSVOA_D
ClientSampleId :

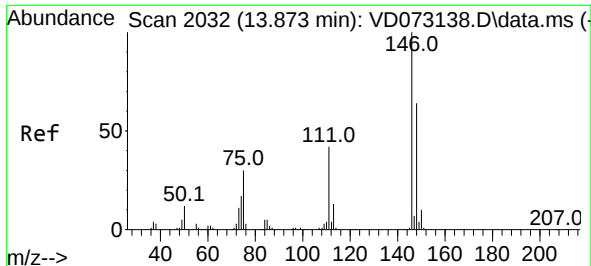
Tgt Ion: 91 Resp: 1054123
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 28.0 12.3 36.9



#90
Hexachloroethane
Concen: 50.629 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

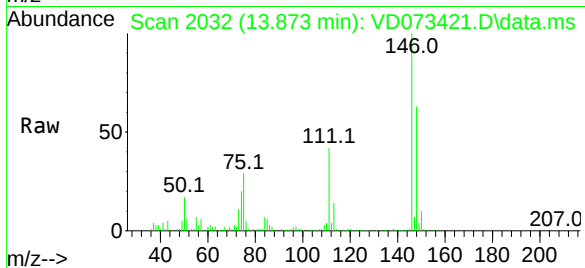
Tgt Ion: 117 Resp: 201867
Ion Ratio Lower Upper
117 100
201 66.9 33.4 100.2



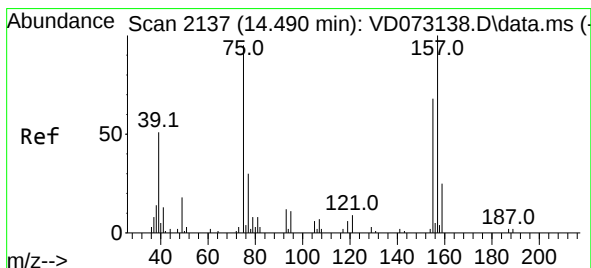
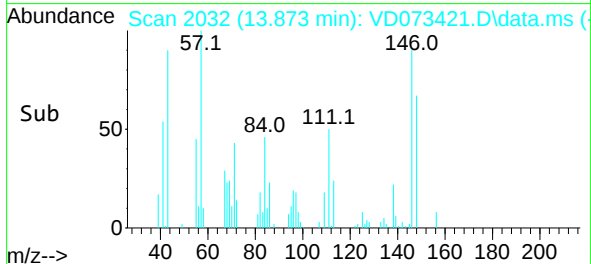
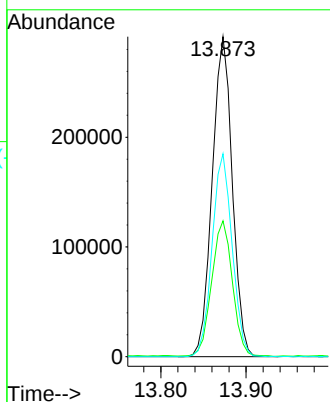


#91
1,2-Dichlorobenzene
Concen: 53.631 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :

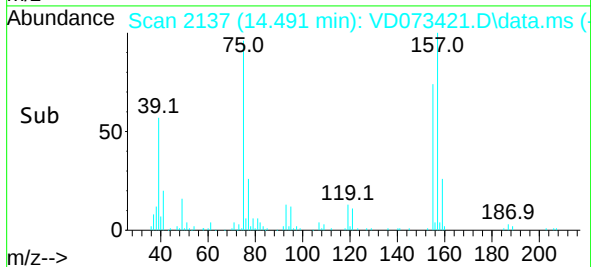
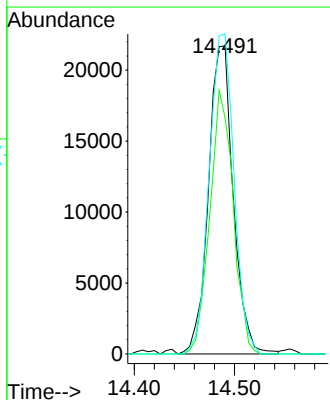
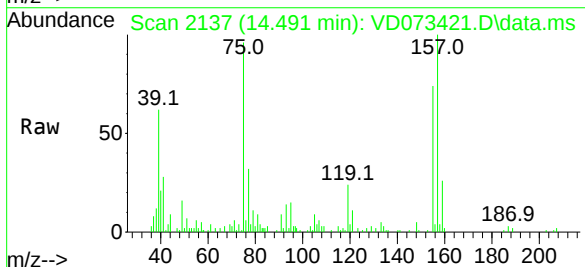


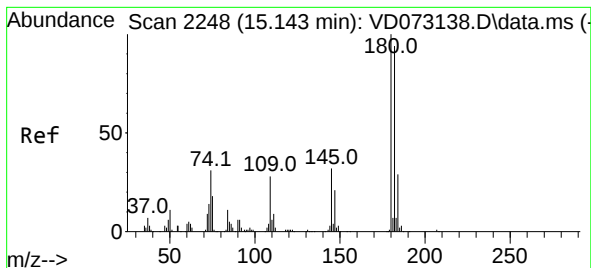
Tgt Ion:146 Resp: 477442
Ion Ratio Lower Upper
146 100
111 43.8 21.1 63.3
148 63.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.289 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion: 75 Resp: 37537
Ion Ratio Lower Upper
75 100
155 80.2 36.8 110.3
157 103.7 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 60.347 ug/l

RT: 15.144 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

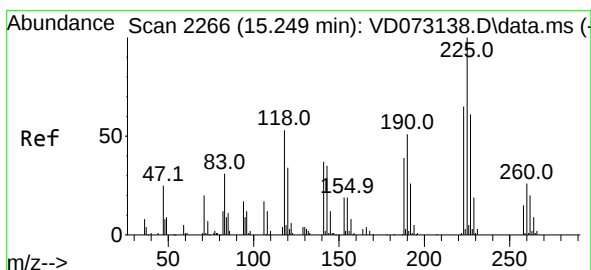
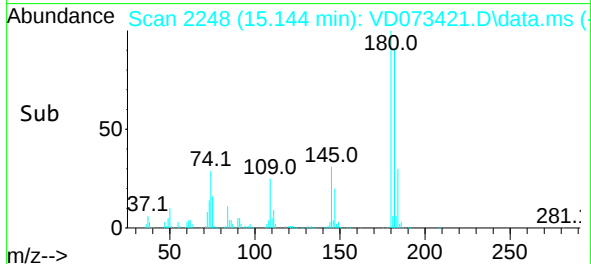
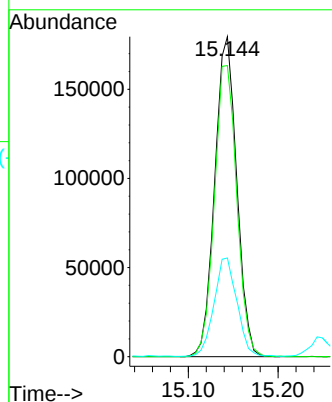
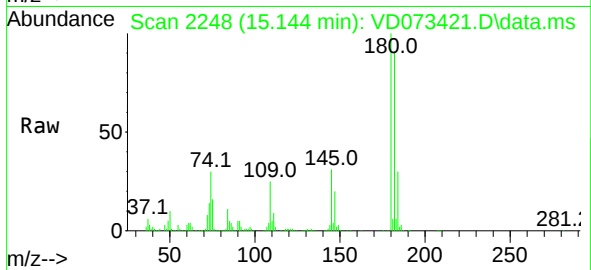
Tgt Ion:180 Resp: 305003

Ion Ratio Lower Upper

180 100

182 92.8 47.3 142.0

145 32.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 52.736 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073421.D

Acq: 27 May 2022 20:02

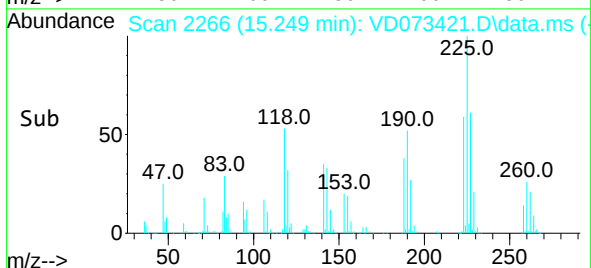
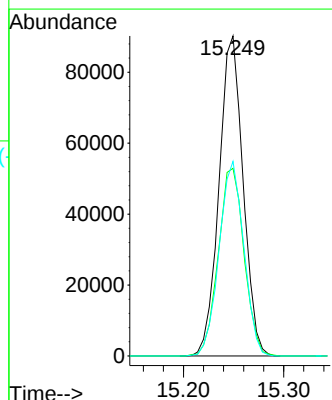
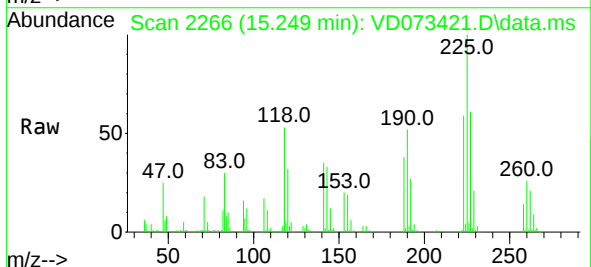
Tgt Ion:225 Resp: 150195

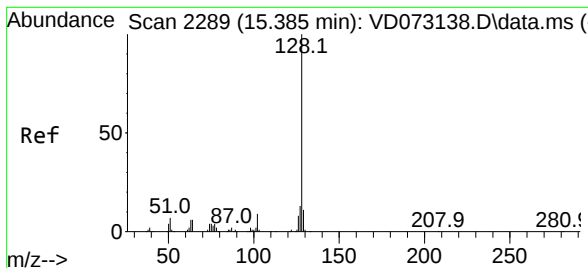
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.2

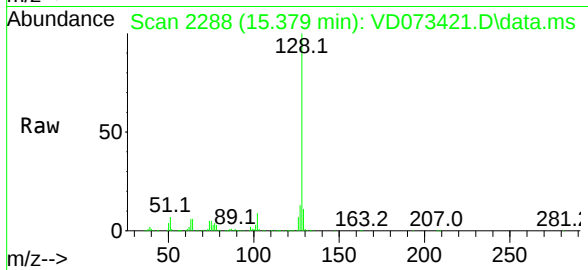
227 62.3 32.4 97.0



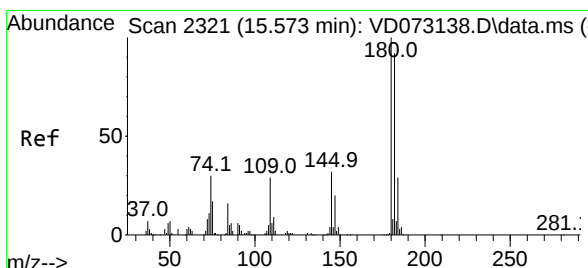
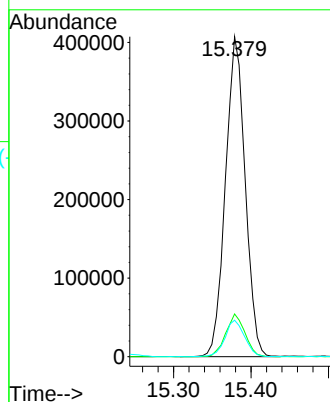
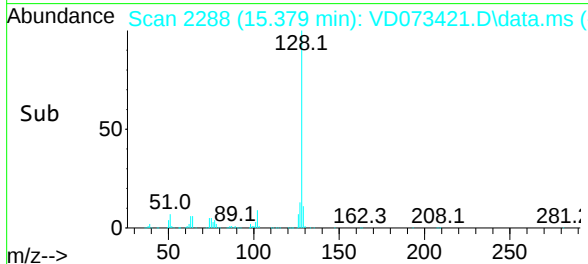


#95
Naphthalene
Concen: 71.049 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 723204
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.4 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 58.166 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073421.D
Acq: 27 May 2022 20:02

Tgt Ion:180 Resp: 260620
Ion Ratio Lower Upper
180 100
182 95.5 47.6 142.9
145 35.6 17.1 51.3

