

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071739.D
 Acq On : 19 Jan 2022 12:02
 Operator : VA/SY
 Sample : VD0119SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 20 04:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	287782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	488277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	449538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	218283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	199534	53.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.780%	
35) Dibromofluoromethane	7.914	113	174781	54.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.320%	
50) Toluene-d8	10.338	98	650297	53.835	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.680%	
62) 4-Bromofluorobenzene	12.626	95	215578	50.647	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	43882	19.791	ug/l	98
3) Chloromethane	2.215	50	58382	19.789	ug/l	95
4) Vinyl Chloride	2.350	62	69217	19.344	ug/l	99
5) Bromomethane	2.762	94	49953	20.488	ug/l	91
6) Chloroethane	2.920	64	51654	20.257	ug/l	94
7) Trichlorofluoromethane	3.273	101	101722	20.054	ug/l	90
8) Diethyl Ether	3.715	74	27910	20.921	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.103	101	61754	20.829	ug/l	97
10) Methyl Iodide	4.303	142	47086	16.611	ug/l	98
11) Tert butyl alcohol	5.214	59	20060	13.933	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	49081	19.078	ug/l	95
13) Acrolein	3.926	56	28782	79.636	ug/l	100
14) Allyl chloride	4.720	41	104373	20.460	ug/l	99
15) Acrylonitrile	5.426	53	79649	112.973	ug/l	99
16) Acetone	4.162	43	90427	105.773	ug/l	98
17) Carbon Disulfide	4.409	76	119191	18.756	ug/l	100
18) Methyl Acetate	4.726	43	60592	24.466	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	141165	20.787	ug/l	97
20) Methylene Chloride	4.973	84	68316	20.038	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	58573	19.936	ug/l	96
22) Diisopropyl ether	6.367	45	231400	21.066	ug/l	96
23) Vinyl Acetate	6.309	43	434235	84.710	ug/l	99
24) 1,1-Dichloroethane	6.273	63	127132	20.276	ug/l	98
25) 2-Butanone	7.214	43	107706	106.631	ug/l	99
26) 2,2-Dichloropropane	7.208	77	108315	20.573	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	70321	20.279	ug/l	99
28) Bromochloromethane	7.556	49	58679	19.211	ug/l	95
29) Tetrahydrofuran	7.561	42	64066	110.254	ug/l	98
30) Chloroform	7.714	83	137054	21.376	ug/l	95
31) Cyclohexane	7.985	56	103147	20.315	ug/l #	95
32) 1,1,1-Trichloroethane	7.903	97	116880	20.683	ug/l	98
36) 1,1-Dichloropropene	8.114	75	90186	19.593	ug/l	96
37) Ethyl Acetate	7.291	43	46629	21.826	ug/l	96
38) Carbon Tetrachloride	8.097	117	97278	20.868	ug/l	98
39) Methylcyclohexane	9.355	83	91241	18.351	ug/l	92
40) Benzene	8.350	78	262473	20.695	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	32903	25.546	ug/l #	87
42) 1,2-Dichloroethane	8.426	62	91369	21.283	ug/l	97
43) Isopropyl Acetate	8.455	43	93829	23.332	ug/l	99
44) Trichloroethene	9.114	130	65911	20.194	ug/l	96
45) 1,2-Dichloropropane	9.385	63	71785	20.938	ug/l	98
46) Dibromomethane	9.473	93	37454	21.343	ug/l	97
47) Bromodichloromethane	9.661	83	106487	22.102	ug/l	100
48) Methyl methacrylate	9.455	41	45684	22.480	ug/l	93
49) 1,4-Dioxane	9.461	88	7816	444.262	ug/l #	89
51) 4-Methyl-2-Pentanone	10.226	43	237905	111.997	ug/l	98
52) Toluene	10.402	92	170093	21.306	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	91881	21.740	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	105493	21.170	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	51985	22.597	ug/l	96
56) Ethyl methacrylate	10.655	69	61659	21.866	ug/l	96
57) 1,3-Dichloropropane	10.944	76	88953	20.924	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	171706	110.303	ug/l	98
59) 2-Hexanone	10.979	43	168521	113.585	ug/l	99
60) Dibromochloromethane	11.132	129	65001	22.198	ug/l	98
61) 1,2-Dibromoethane	11.238	107	46632	21.187	ug/l	97
64) Tetrachloroethene	10.873	164	53487	20.255	ug/l	95
65) Chlorobenzene	11.667	112	176851	20.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	67243	20.616	ug/l	97
67) Ethyl Benzene	11.738	91	314733	19.929	ug/l	95
68) m/p-Xylenes	11.849	106	243984	41.539	ug/l	97
69) o-Xylene	12.173	106	115627	20.799	ug/l	95
70) Styrene	12.185	104	198560	20.837	ug/l	99
71) Bromoform	12.355	173	36410	22.861	ug/l #	97
73) Isopropylbenzene	12.473	105	307367	19.594	ug/l	98
74) N-amyl acetate	12.285	43	80588	20.944	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	59439	21.383	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	79179	37.539	ug/l #	100
77) Bromobenzene	12.749	156	69021	20.370	ug/l	95
78) n-propylbenzene	12.814	91	392798	19.910	ug/l	100
79) 2-Chlorotoluene	12.902	91	226626	20.382	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	260519	19.877	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	17738	23.445	ug/l	90
82) 4-Chlorotoluene	12.996	91	233863	20.273	ug/l	100
83) tert-Butylbenzene	13.214	119	218130	19.477	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	257969	19.903	ug/l	99
85) sec-Butylbenzene	13.391	105	341067	19.883	ug/l	100
86) p-Isopropyltoluene	13.508	119	277139	19.678	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	143345	20.499	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	141350	19.814	ug/l	99
89) n-Butylbenzene	13.832	91	272148	19.296	ug/l	99
90) Hexachloroethane	14.096	117	55738	20.003	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	124551	20.783	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	9316	20.852	ug/l	89
93) 1,2,4-Trichlorobenzene	15.149	180	71483	20.697	ug/l	100
94) Hexachlorobutadiene	15.255	225	39699	19.607	ug/l	99
95) Naphthalene	15.385	128	131617	21.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	60975	20.719	ug/l	97

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QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

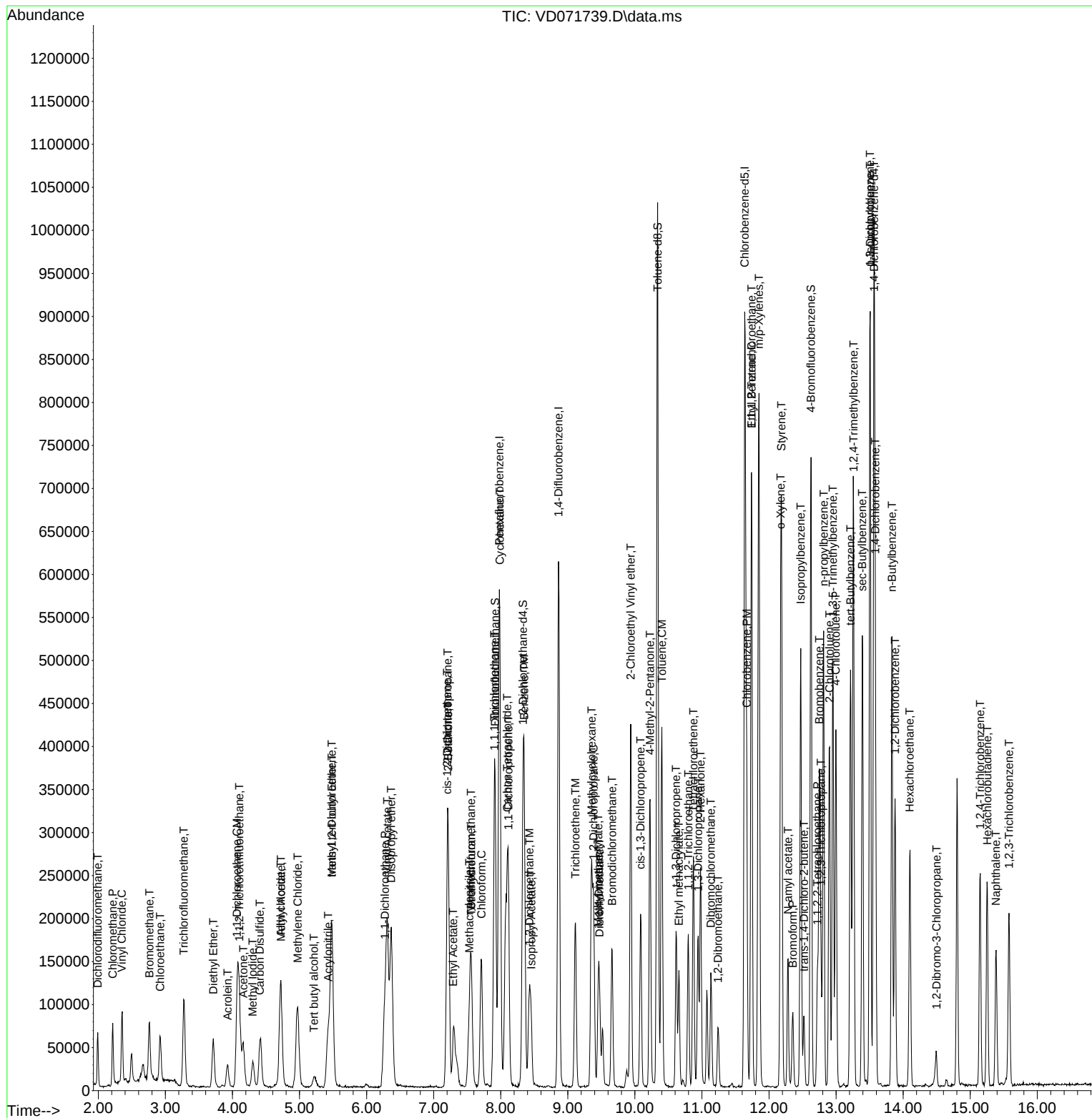
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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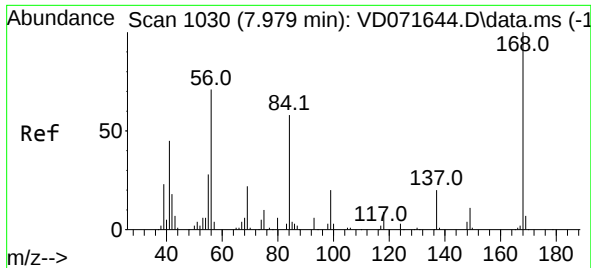
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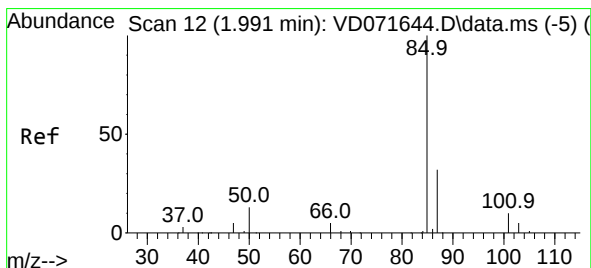
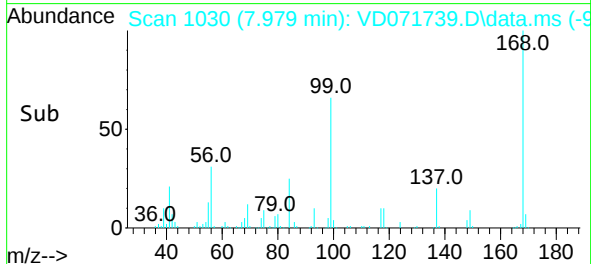
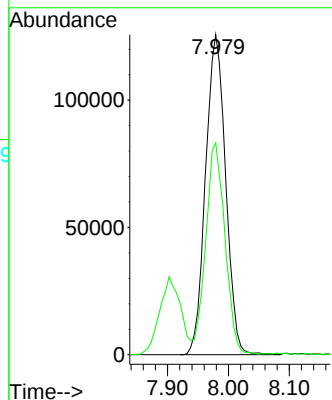
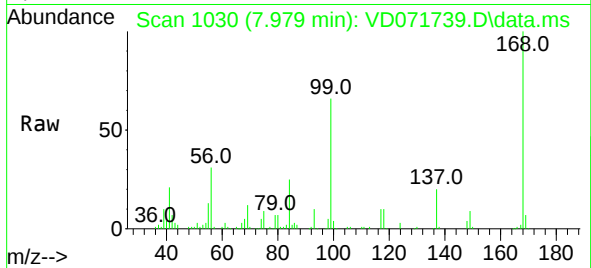




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071739.D
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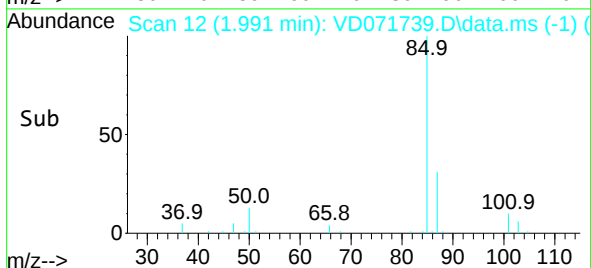
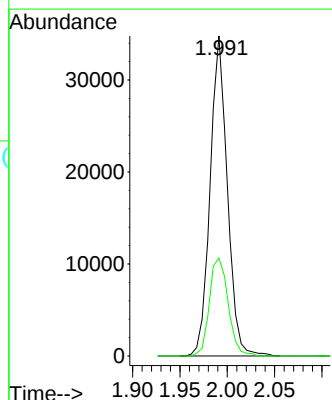
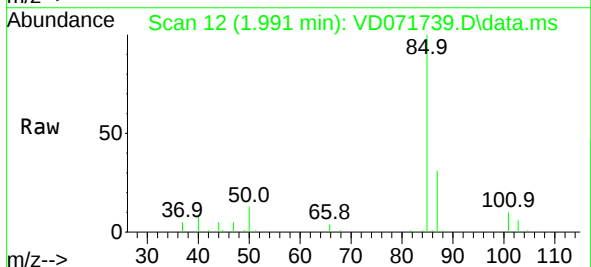
Instrument :
MSVOA_D
ClientSampleId :

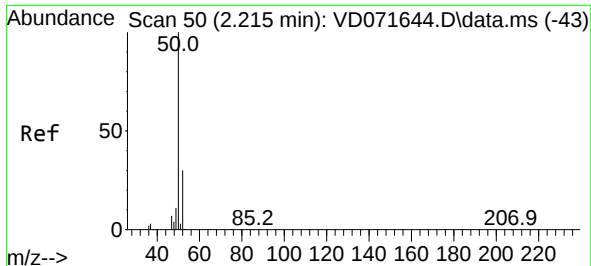
Tgt Ion:168 Resp: 287782
Ion Ratio Lower Upper
168 100
99 65.9 51.8 77.6



#2
Dichlorodifluoromethane
Concen: 19.791 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 85 Resp: 43882
Ion Ratio Lower Upper
85 100
87 30.6 15.9 47.6

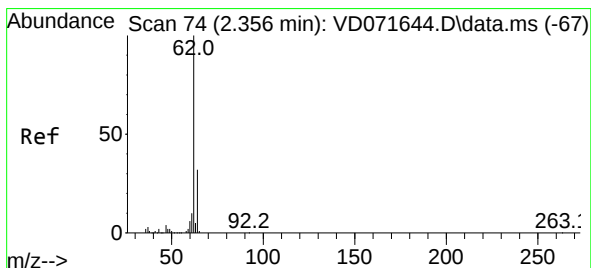
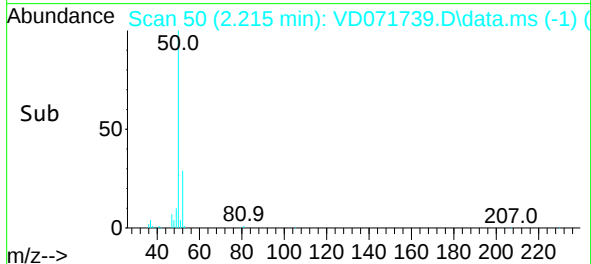
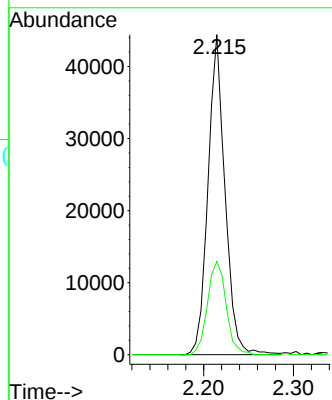
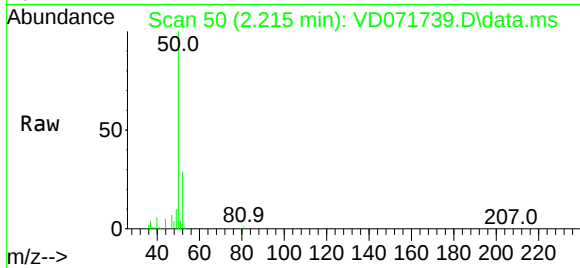




#3
Chloromethane
Concen: 19.789 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.001 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

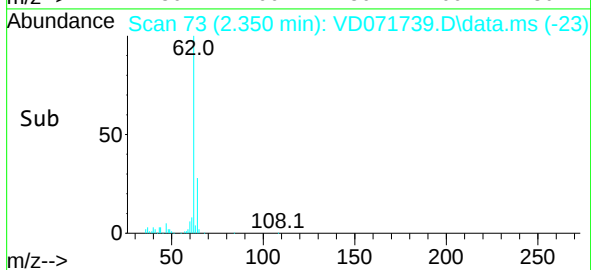
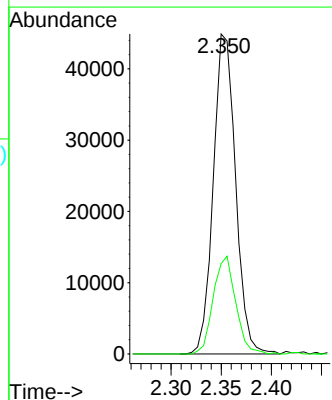
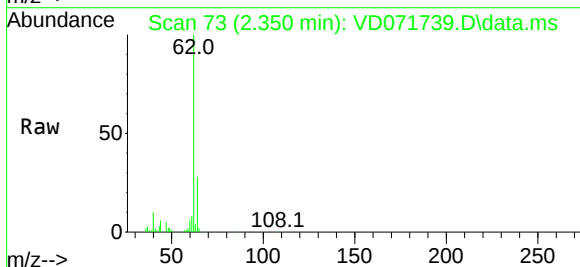
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ClientSampleId :

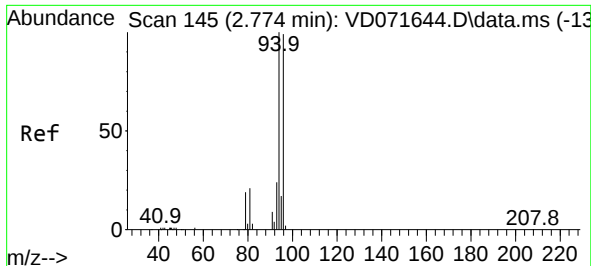
Tgt Ion: 50 Resp: 58382
Ion Ratio Lower Upper
50 100
52 29.1 25.4 38.0



#4
Vinyl Chloride
Concen: 19.344 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 62 Resp: 69217
Ion Ratio Lower Upper
62 100
64 28.2 23.2 34.8

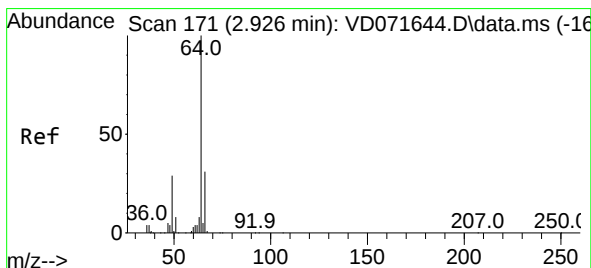
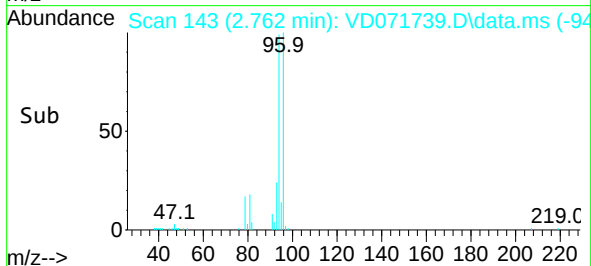
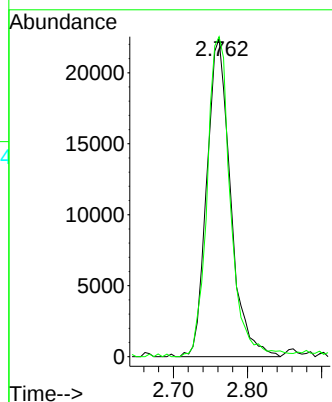
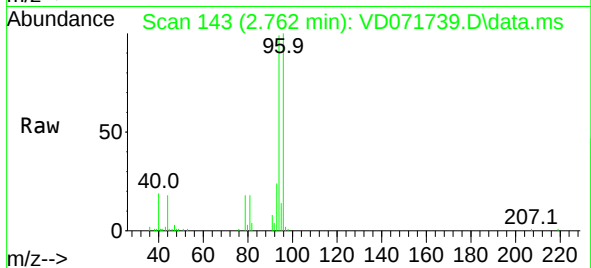




#5
Bromomethane
Concen: 20.488 ug/l
RT: 2.762 min Scan# 14
Delta R.T. -0.011 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

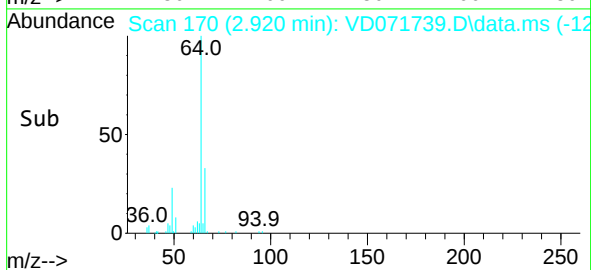
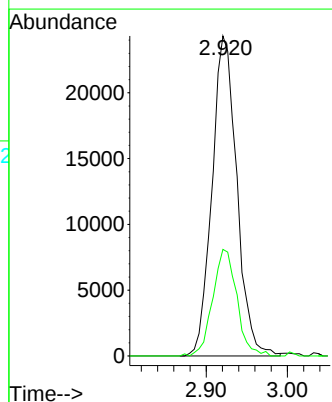
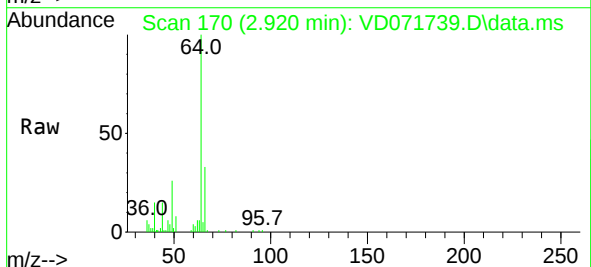
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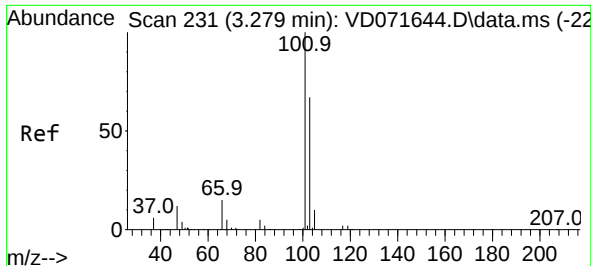
Tgt Ion: 94 Resp: 49953
Ion Ratio Lower Upper
94 100
96 100.7 73.7 110.5



#6
Chloroethane
Concen: 20.257 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 64 Resp: 51654
Ion Ratio Lower Upper
64 100
66 33.3 24.2 36.2

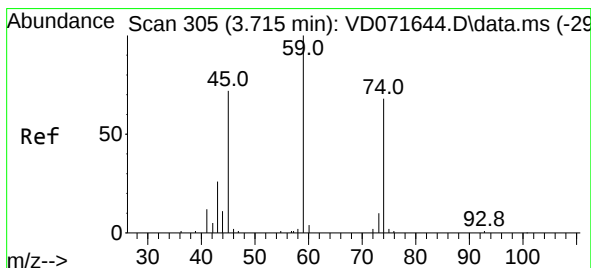
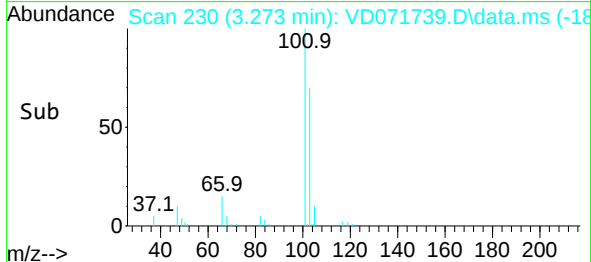
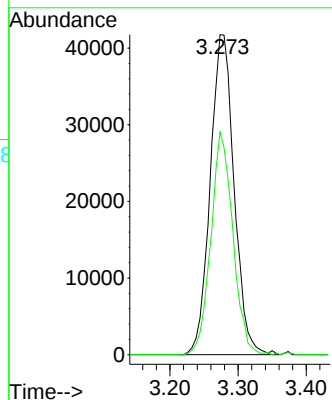
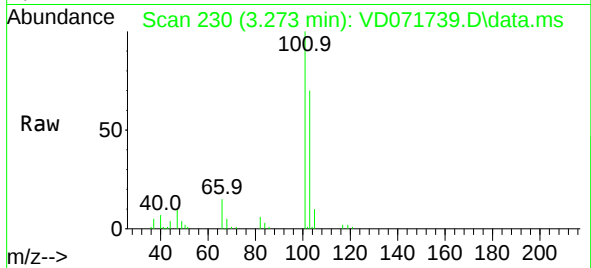




#7
 Trichlorofluoromethane
 Concen: 20.054 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

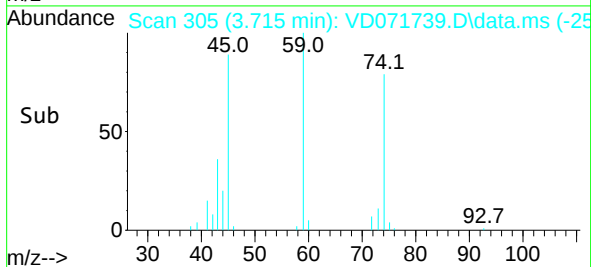
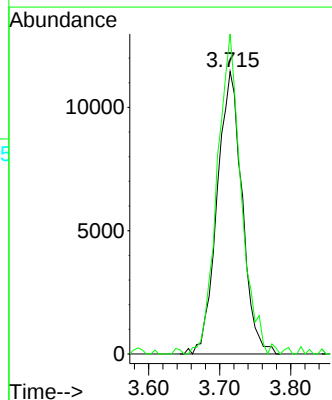
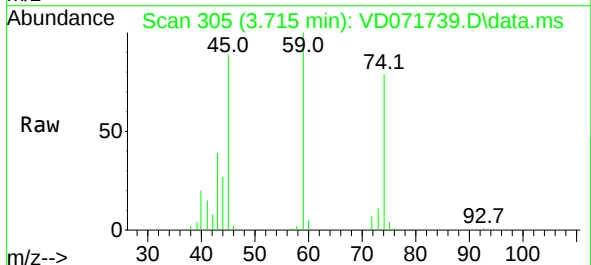
Instrument :
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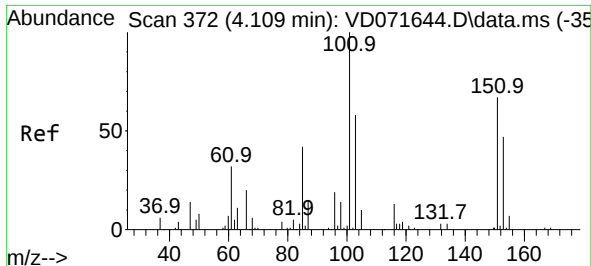
Tgt Ion:101 Resp: 101722
 Ion Ratio Lower Upper
 101 100
 103 69.5 49.8 74.6



#8
 Diethyl Ether
 Concen: 20.921 ug/l
 RT: 3.715 min Scan# 305
 Delta R.T. 0.001 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

Tgt Ion: 74 Resp: 27910
 Ion Ratio Lower Upper
 74 100
 45 108.5 56.5 169.5

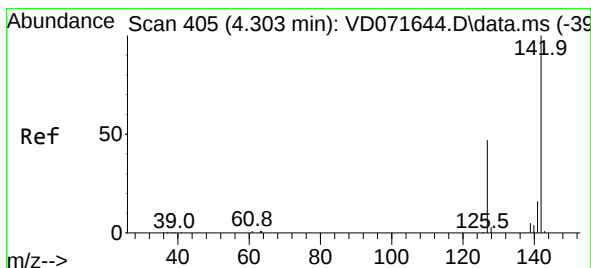
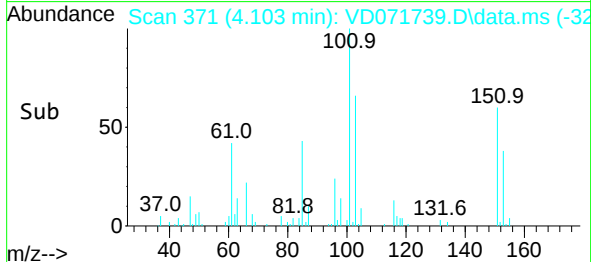
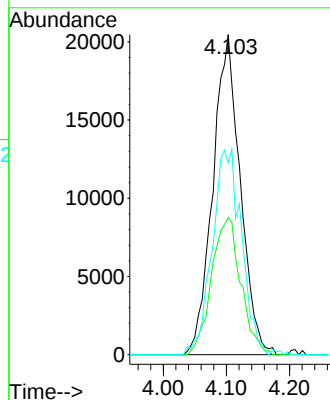
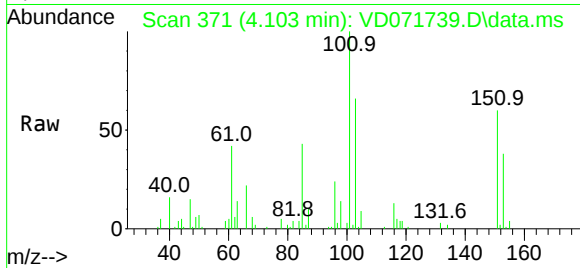




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.829 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.001 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

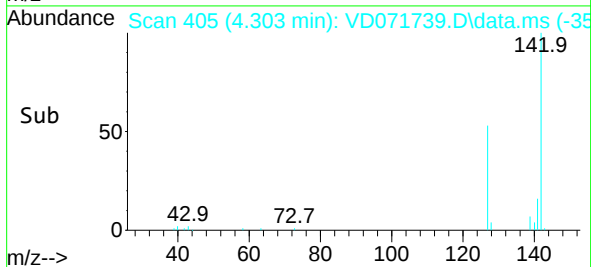
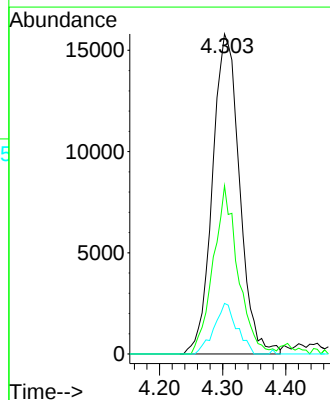
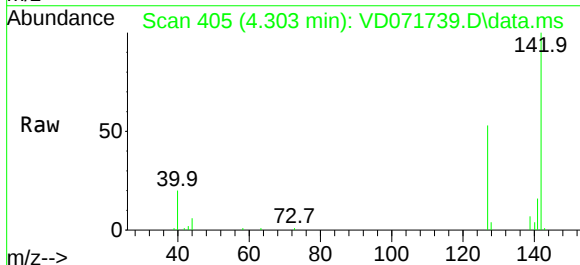
Instrument :
MSVOA_D
ClientSampleId :

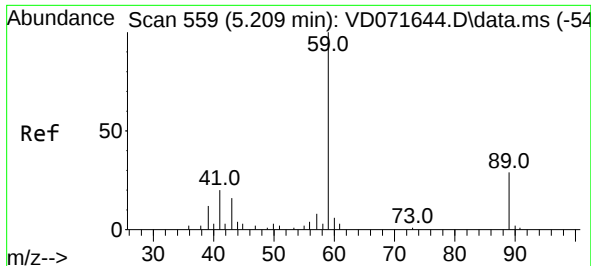
Tgt Ion:101 Resp: 61754
Ion Ratio Lower Upper
101 100
85 45.6 38.7 58.1
151 68.6 56.2 84.2



#10
Methyl Iodide
Concen: 16.611 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion:142 Resp: 47086
Ion Ratio Lower Upper
142 100
127 48.0 39.4 59.2
141 13.3 11.9 17.9

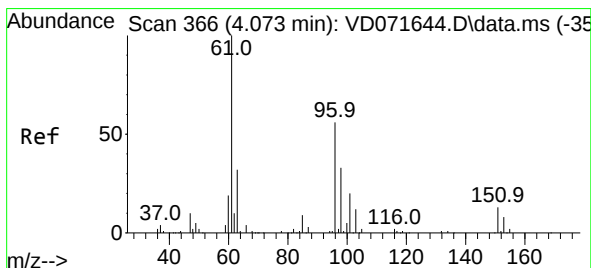
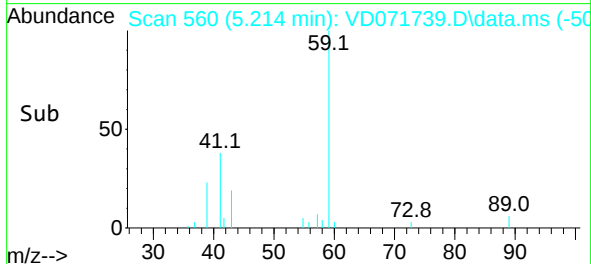
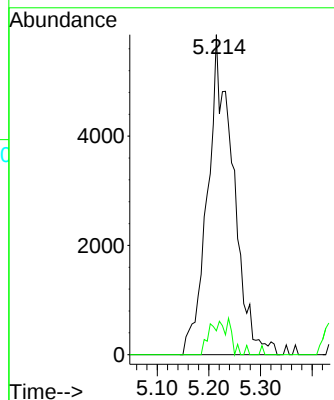
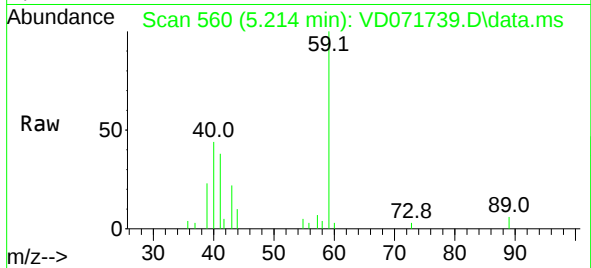




#11
Tert butyl alcohol
Concen: 13.933 ug/l
RT: 5.214 min Scan# 511
Delta R.T. 0.006 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

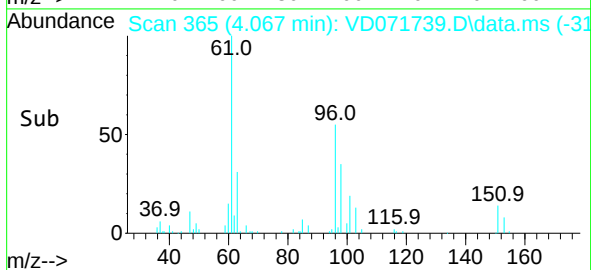
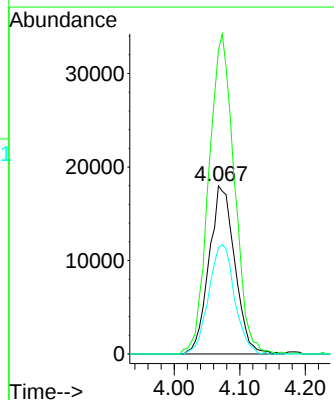
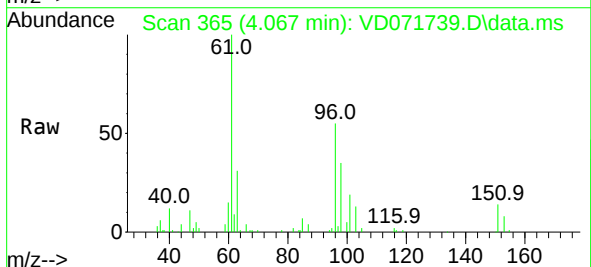
Instrument :
MSVOA_D
ClientSampleId :

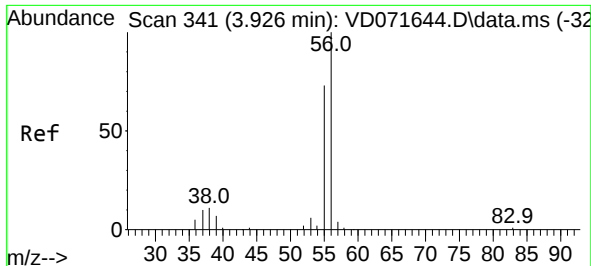
Tgt Ion: 59 Resp: 20060
Ion Ratio Lower Upper
59 100
57 3.6 7.3 10.9#



#12
1,1-Dichloroethene
Concen: 19.078 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.012 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 96 Resp: 49081
Ion Ratio Lower Upper
96 100
61 180.6 137.8 206.8
98 63.3 48.3 72.5





#13

Acrolein

Concen: 79.636 ug/l

RT: 3.926 min Scan# 341

Delta R.T. 0.000 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

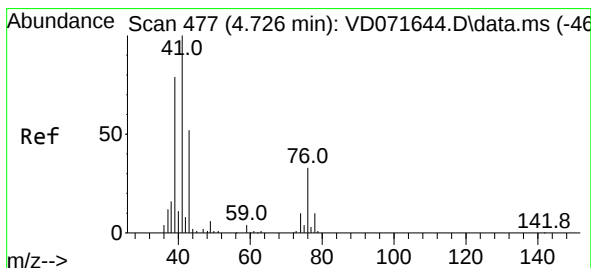
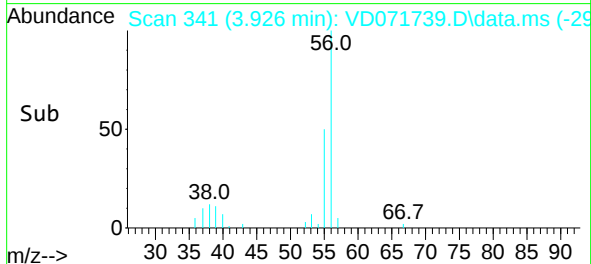
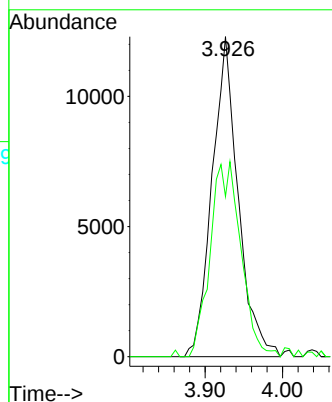
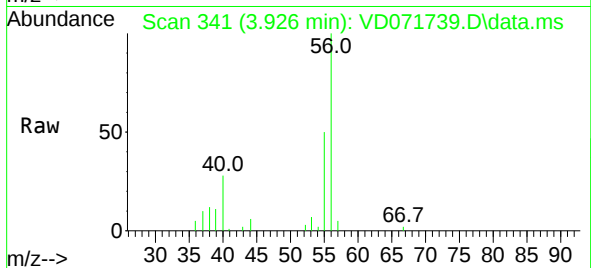
ClientSampleId :

Tgt Ion: 56 Resp: 28782

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



#14

Allyl chloride

Concen: 20.460 ug/l

RT: 4.720 min Scan# 476

Delta R.T. 0.000 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

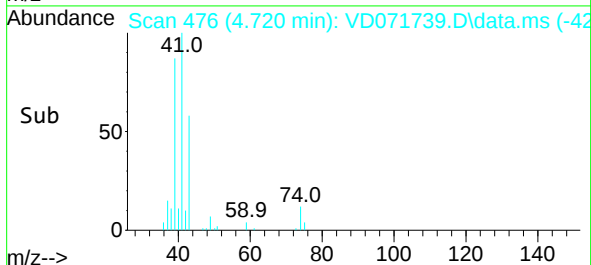
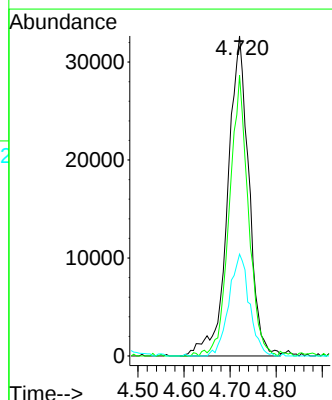
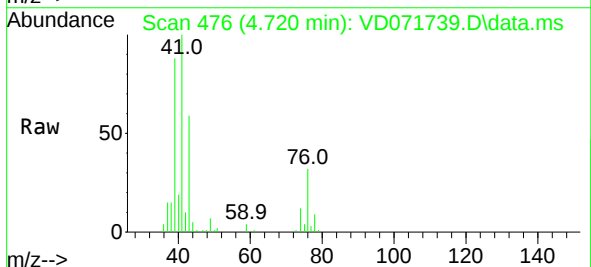
Tgt Ion: 41 Resp: 104373

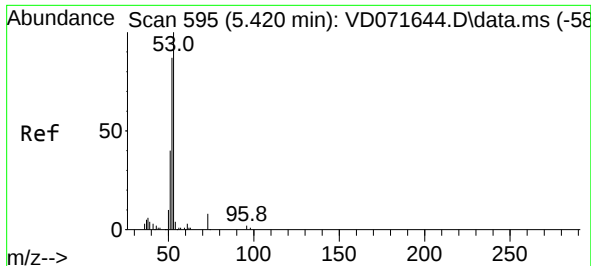
Ion Ratio Lower Upper

41 100

39 78.4 63.2 94.8

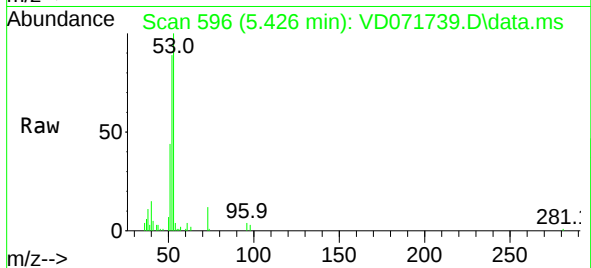
76 30.6 25.8 38.6



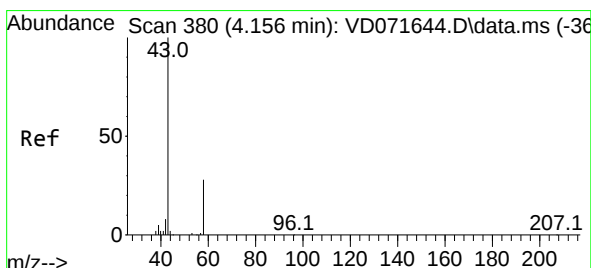
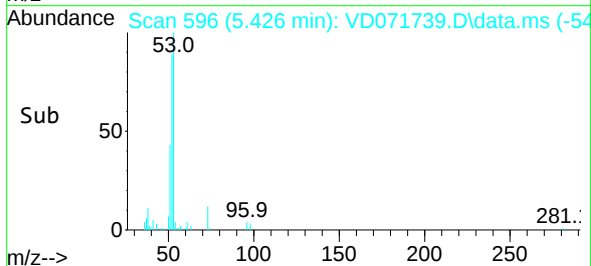
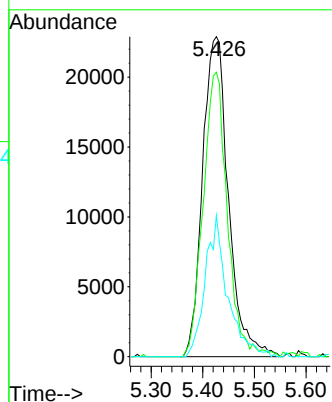


#15
Acrylonitrile
Concen: 112.973 ug/l
RT: 5.426 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Instrument :
MSVOA_D
ClientSampleId :

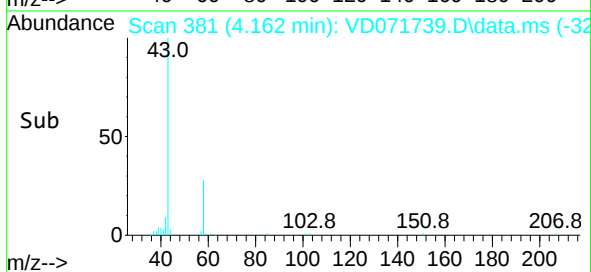
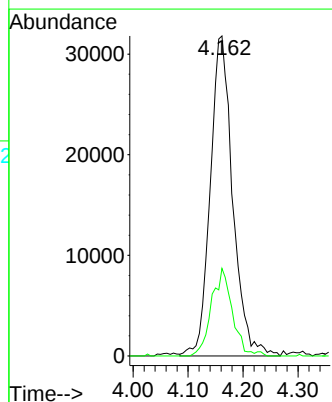
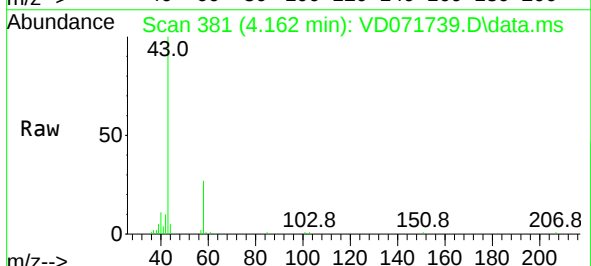


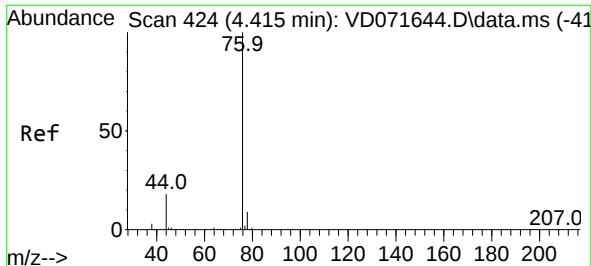
Tgt Ion: 53 Resp: 79649
Ion Ratio Lower Upper
53 100
52 83.1 65.6 98.4
51 38.2 31.2 46.8



#16
Acetone
Concen: 105.773 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

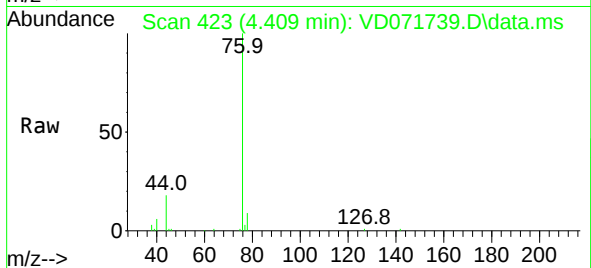
Tgt Ion: 43 Resp: 90427
Ion Ratio Lower Upper
43 100
58 27.4 21.0 31.6



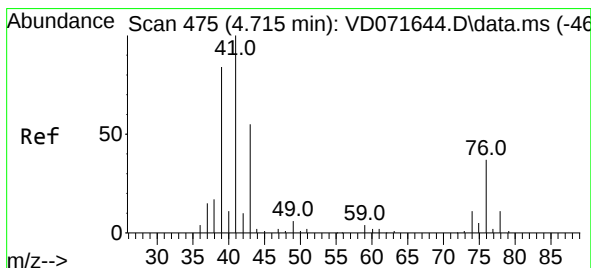
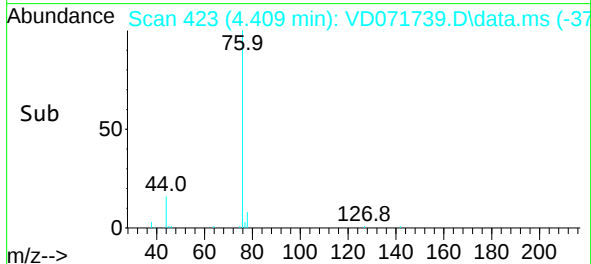
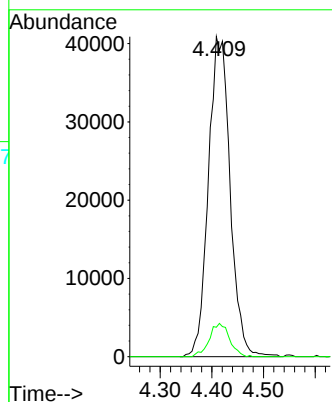


#17
Carbon Disulfide
Concen: 18.756 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Instrument :
MSVOA_D
ClientSampleId :

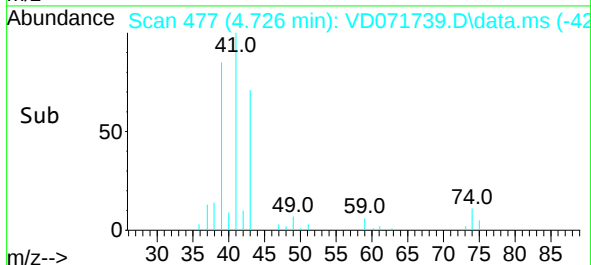
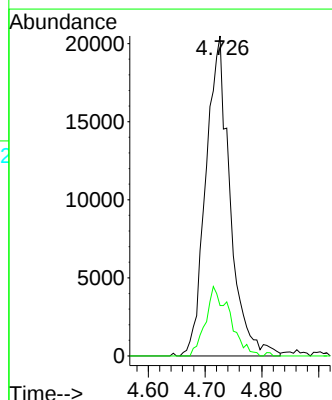
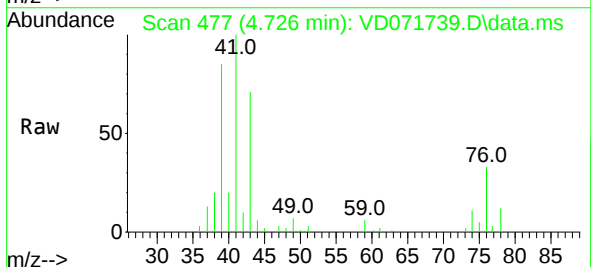


Tgt Ion: 76 Resp: 119191
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 24.466 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

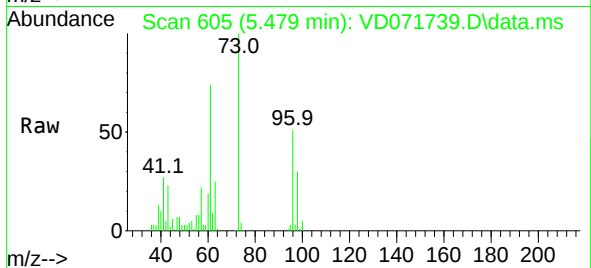
Tgt Ion: 43 Resp: 60592
Ion Ratio Lower Upper
43 100
74 21.7 16.3 24.5



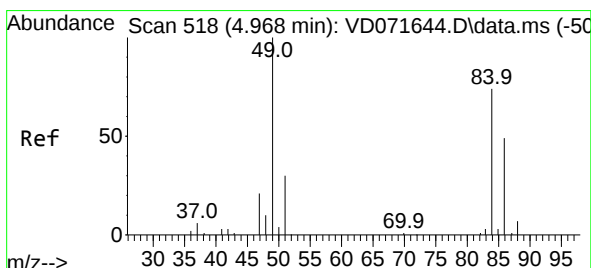
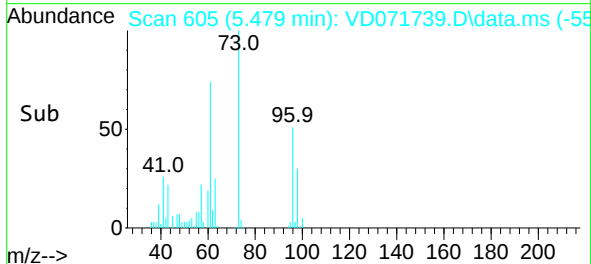
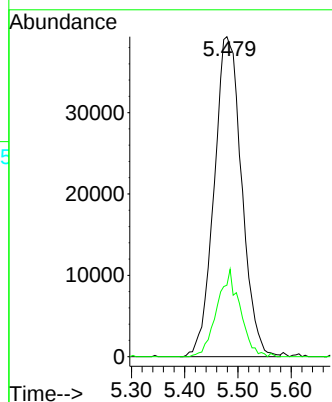


#19
Methyl tert-butyl Ether
Concen: 20.787 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Instrument :
MSVOA_D
ClientSampleId :

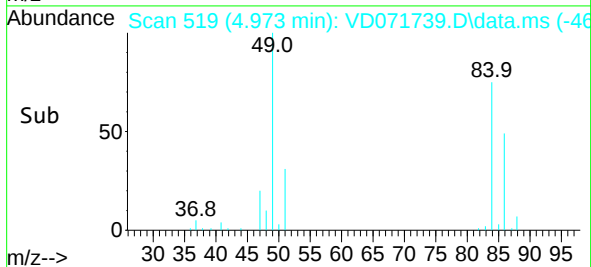
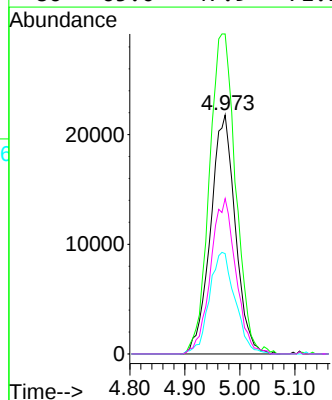
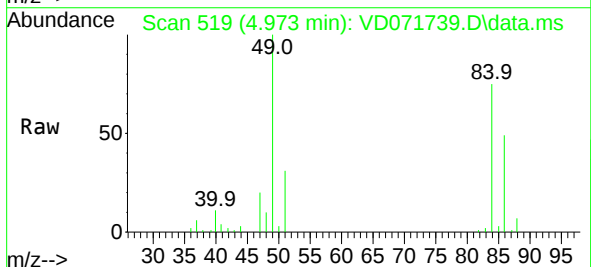


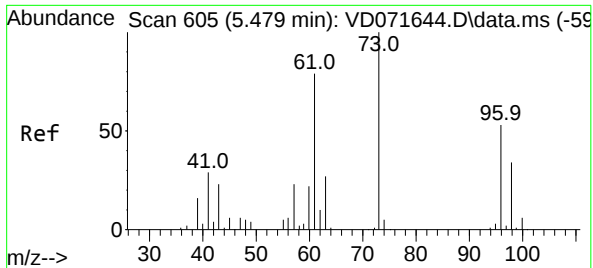
Tgt Ion: 73 Resp: 141165
Ion Ratio Lower Upper
73 100
57 22.3 19.2 28.8



#20
Methylene Chloride
Concen: 20.038 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

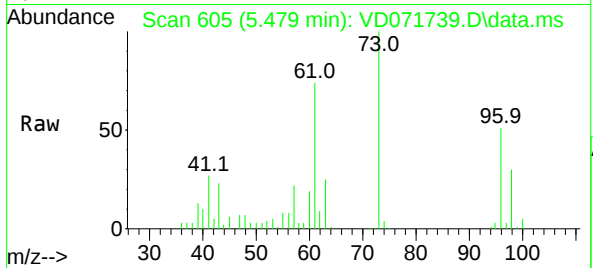
Tgt Ion: 84 Resp: 68316
Ion Ratio Lower Upper
84 100
49 133.8 118.6 178.0
51 41.9 37.8 56.6
86 65.0 47.9 71.9





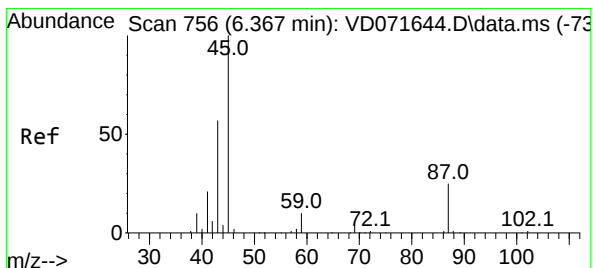
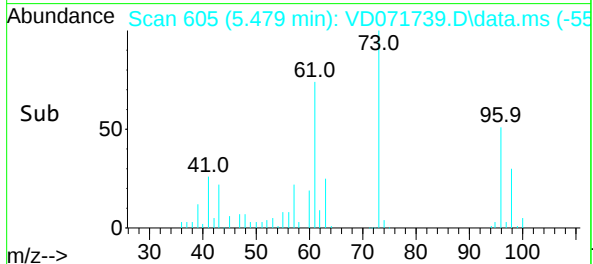
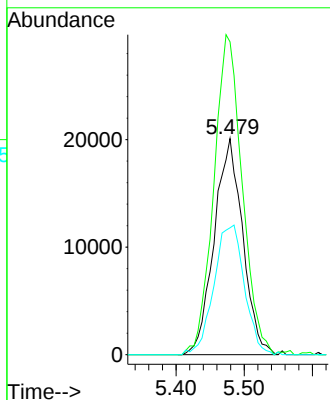
#21
trans-1,2-Dichloroethene
Concen: 19.936 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 58573

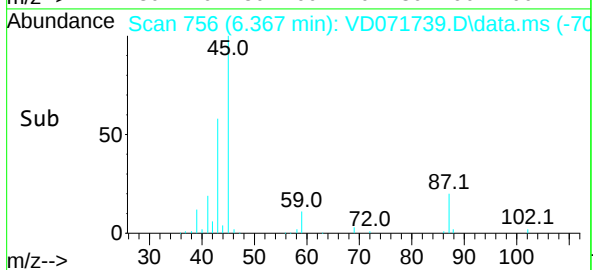
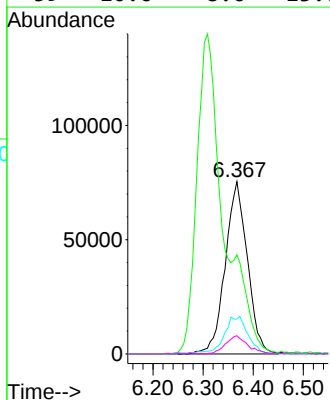
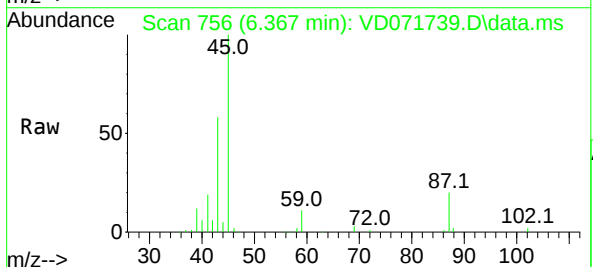
Ion	Ratio	Lower	Upper
96	100		
61	144.7	119.4	179.0
98	58.7	49.3	73.9

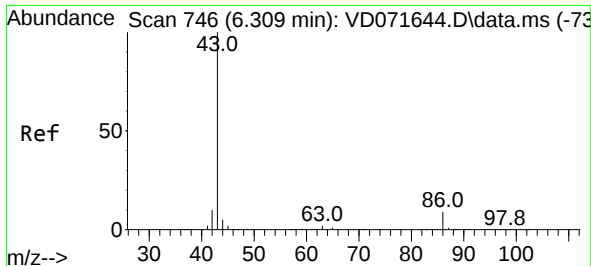


#22
Diisopropyl ether
Concen: 21.066 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 45 Resp: 231400

Ion	Ratio	Lower	Upper
45	100		
43	56.7	43.0	64.6
87	20.2	19.0	28.4
59	10.6	8.6	13.0

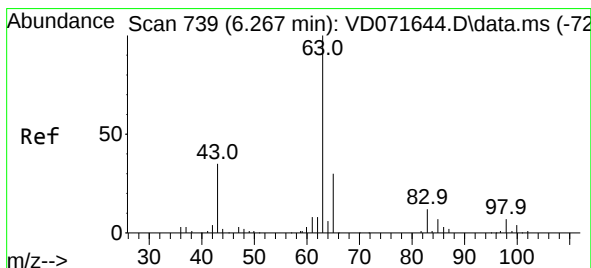
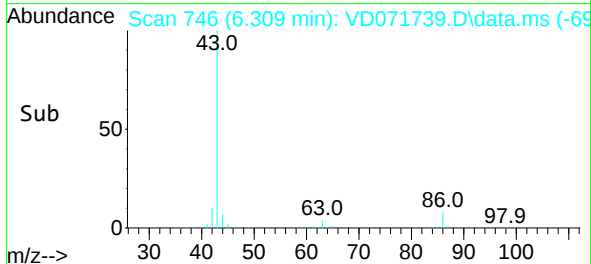
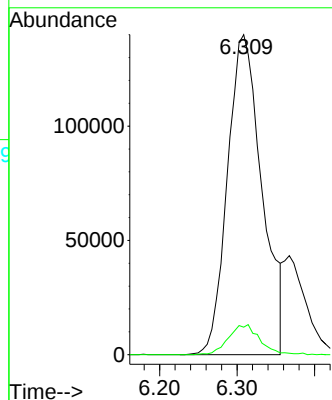
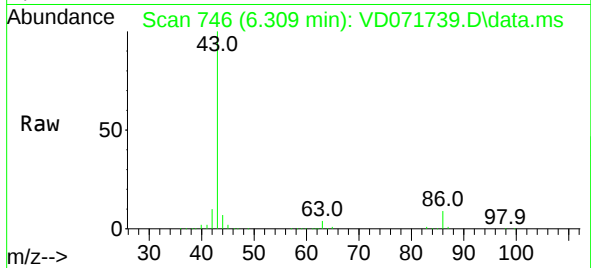




#23
 Vinyl Acetate
 Concen: 84.710 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

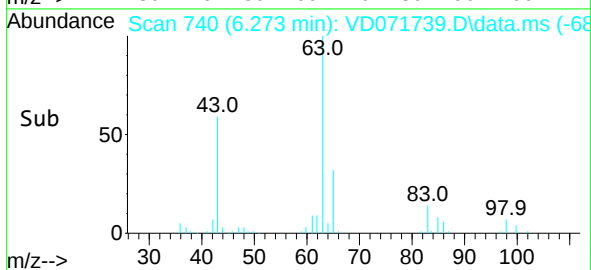
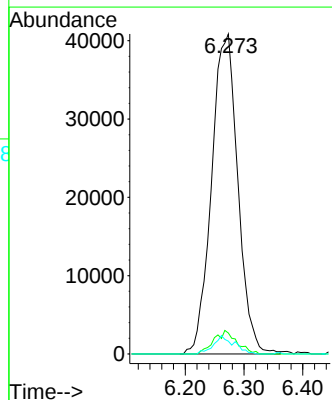
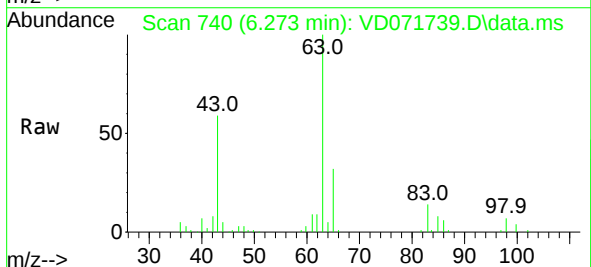
Instrument :
 MSVOA_D
 ClientSampleId :

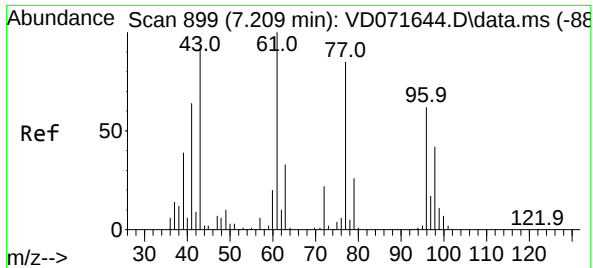
Tgt Ion: 43 Resp: 434235
 Ion Ratio Lower Upper
 43 100
 86 8.6 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 20.276 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

Tgt Ion: 63 Resp: 127132
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.0 2.5 7.5

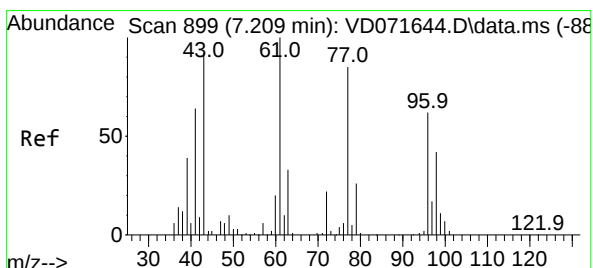
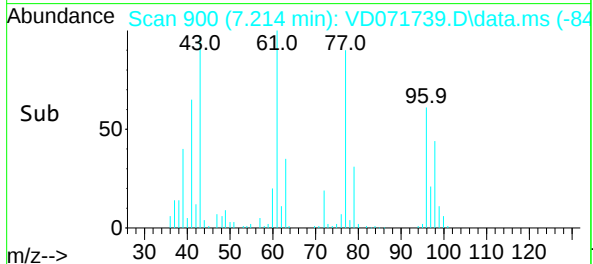
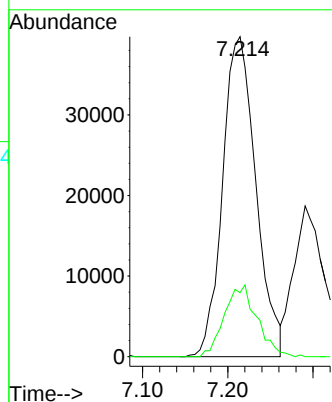
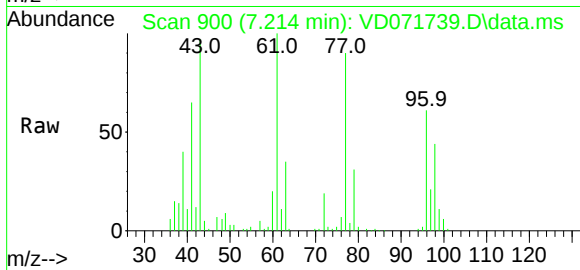




#25
2-Butanone
Concen: 106.631 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

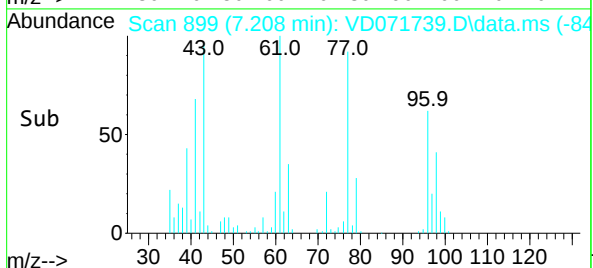
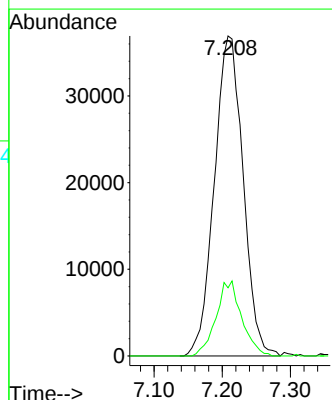
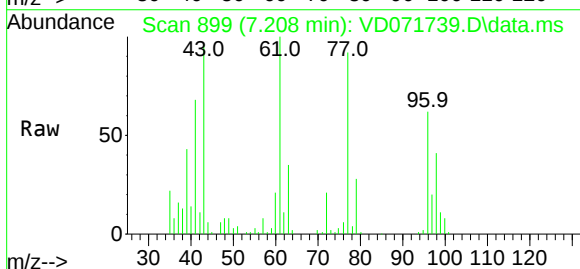
Instrument :
MSVOA_D
ClientSampleId :

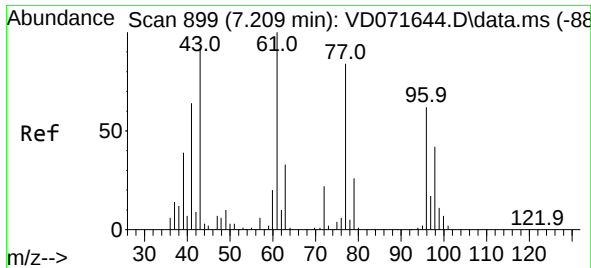
Tgt Ion: 43 Resp: 107706
Ion Ratio Lower Upper
43 100
72 20.0 16.4 24.6



#26
2,2-Dichloropropane
Concen: 20.573 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 77 Resp: 108315
Ion Ratio Lower Upper
77 100
97 20.9 10.7 32.1

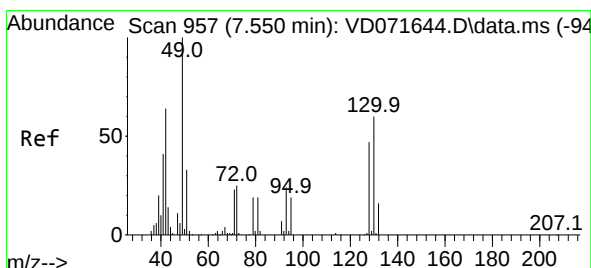
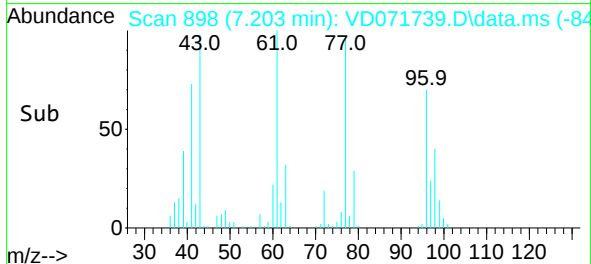
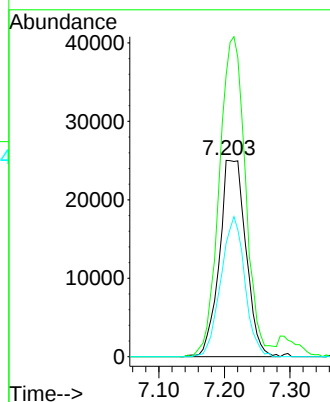
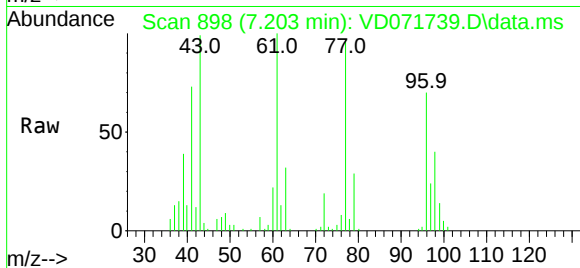




#27
 cis-1,2-Dichloroethene
 Concen: 20.279 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.011 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

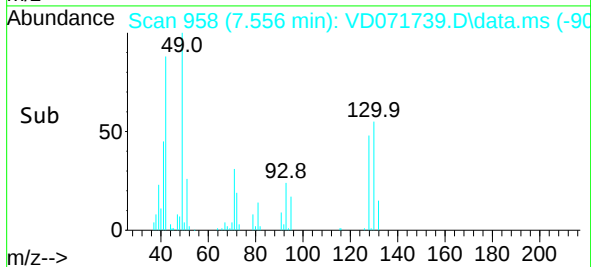
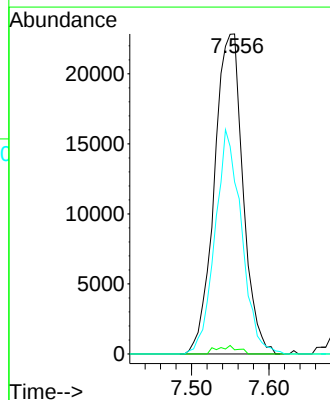
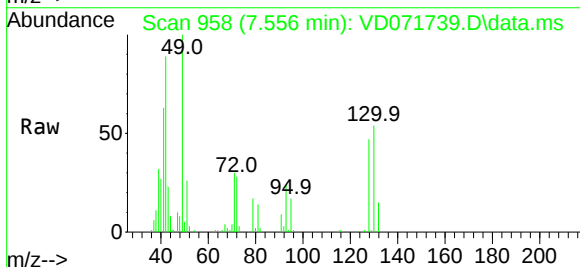
Instrument :
 MSVOA_D
 ClientSampleId :

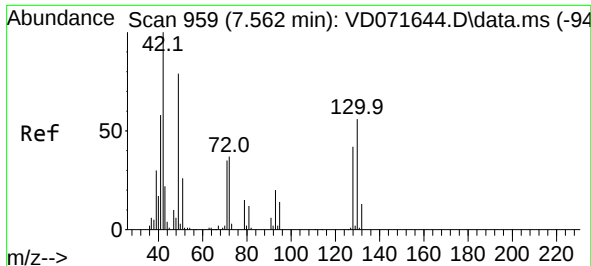
Tgt Ion:	96	Resp:	70321
Ion	Ratio	Lower	Upper
96	100		
61	160.9	0.0	322.8
98	64.2	0.0	130.8



#28
 Bromochloromethane
 Concen: 19.211 ug/l
 RT: 7.556 min Scan# 958
 Delta R.T. 0.007 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

Tgt Ion:	49	Resp:	58679
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	65.0	48.9	73.3





#29

Tetrahydrofuran

Concen: 110.254 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

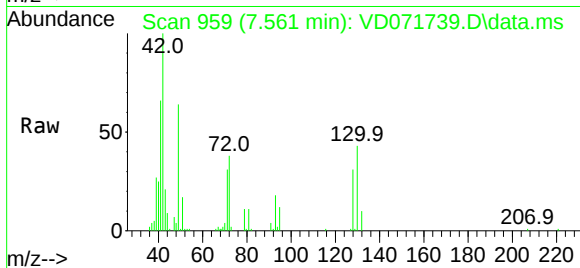
Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

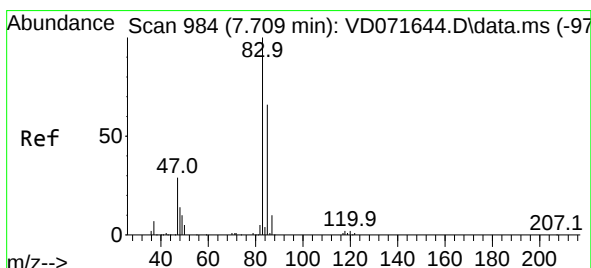
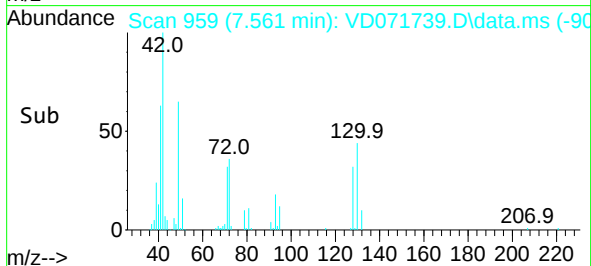
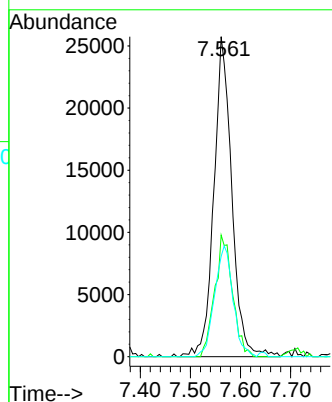
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	64066
Ion	Ratio	Lower	Upper
42	100		
72	37.6	29.6	44.4
71	35.5	27.3	40.9



#30

Chloroform

Concen: 21.376 ug/l

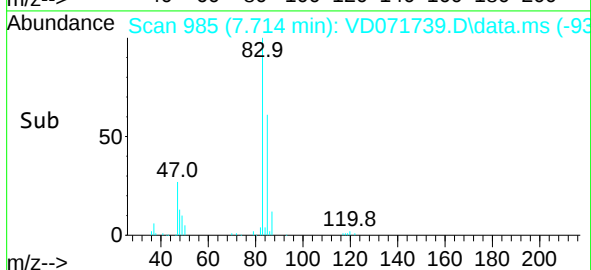
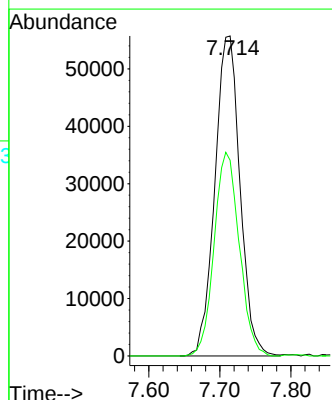
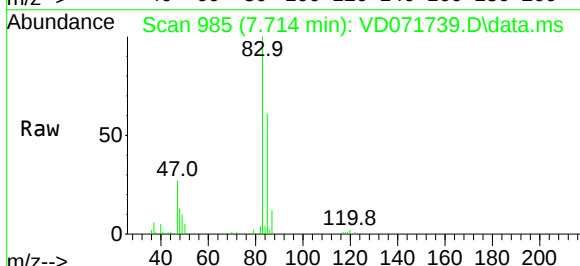
RT: 7.714 min Scan# 985

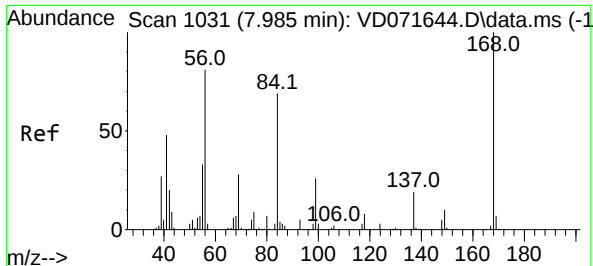
Delta R.T. 0.000 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Tgt Ion:	83	Resp:	137054
Ion	Ratio	Lower	Upper
83	100		
85	61.2	52.4	78.6





#31

Cyclohexane

Concen: 20.315 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.005 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

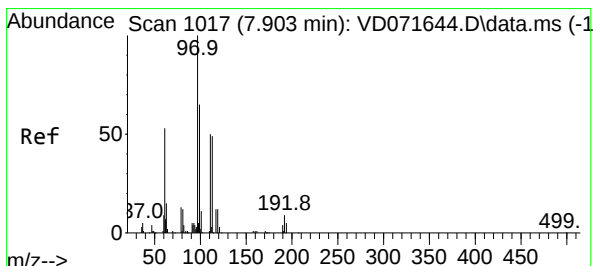
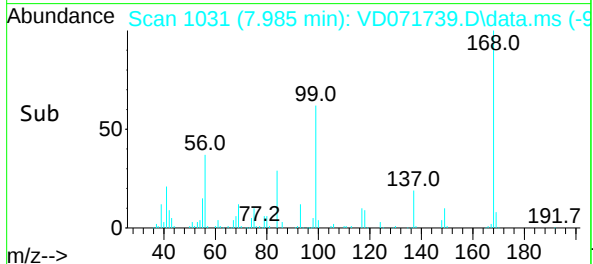
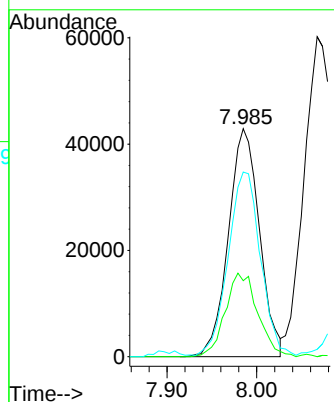
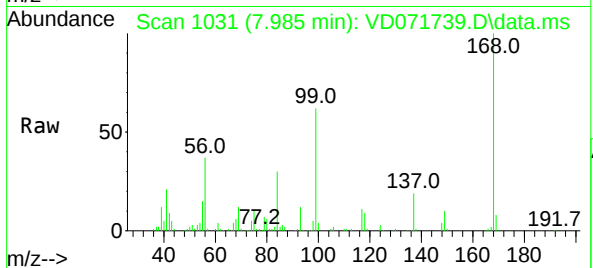
Tgt Ion: 56 Resp: 103147

Ion Ratio Lower Upper

56 100

69 33.3 21.7 32.5#

84 79.8 65.7 98.5



#32

1,1,1-Trichloroethane

Concen: 20.683 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.001 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

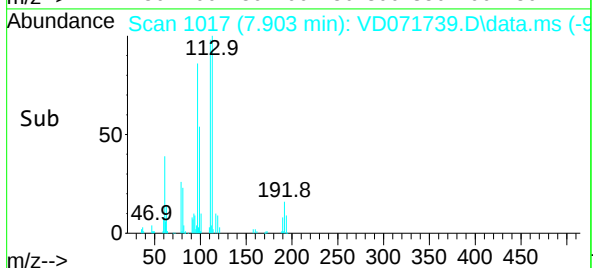
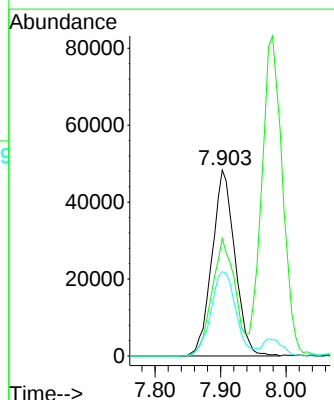
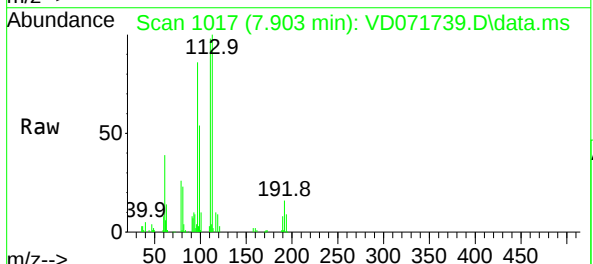
Tgt Ion: 97 Resp: 116880

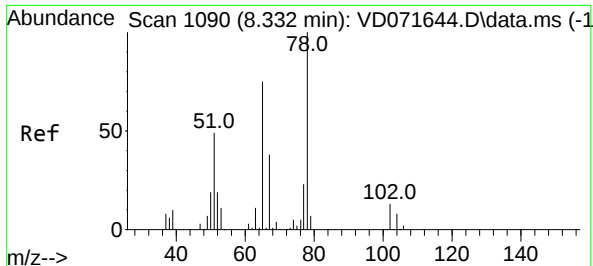
Ion Ratio Lower Upper

97 100

99 63.1 51.8 77.6

61 49.5 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 53.885 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

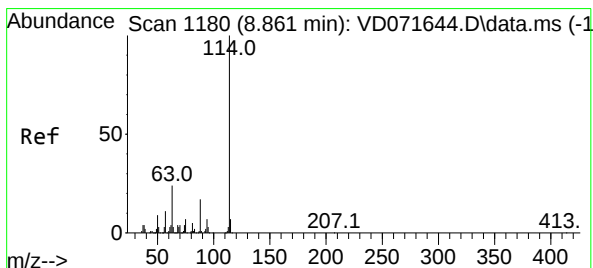
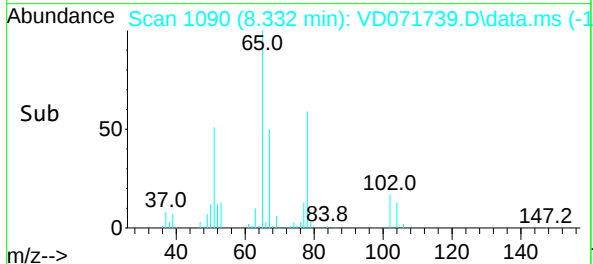
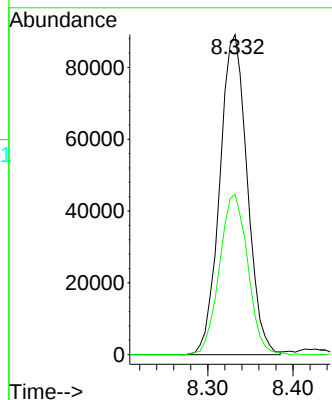
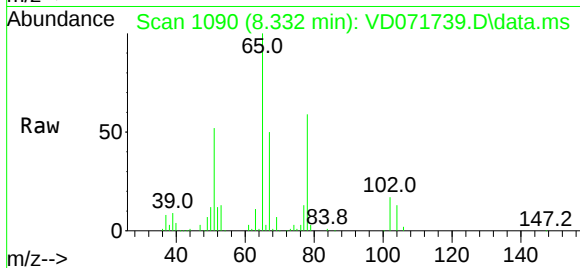
ClientSampleId :

Tgt Ion: 65 Resp: 199534

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

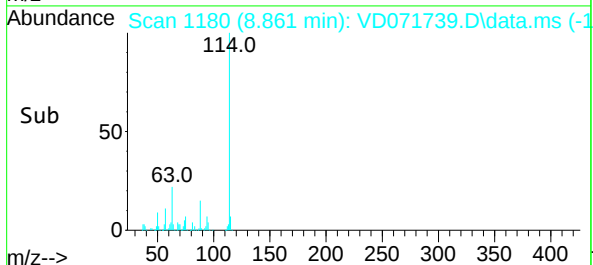
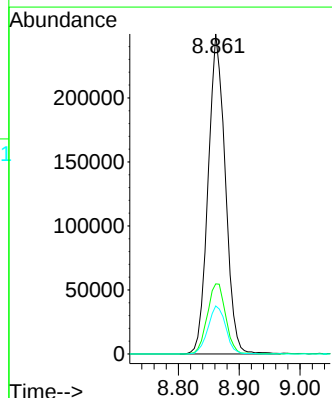
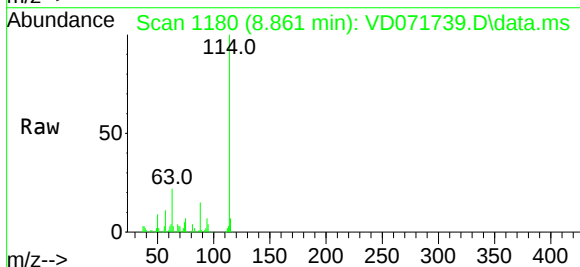
Tgt Ion: 114 Resp: 488277

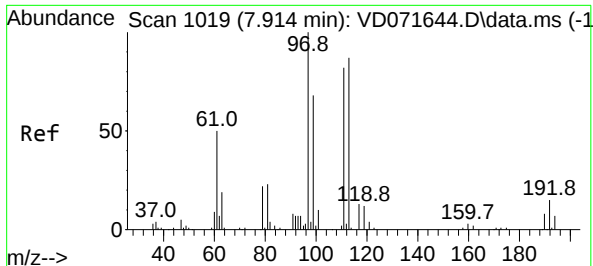
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.2

88 15.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 54.164 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

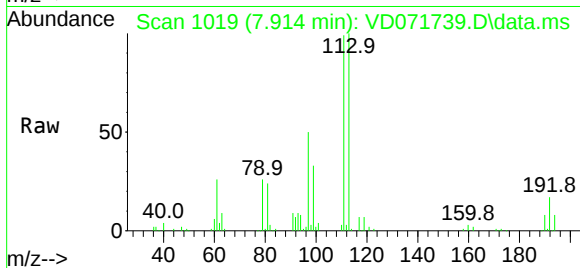
Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :



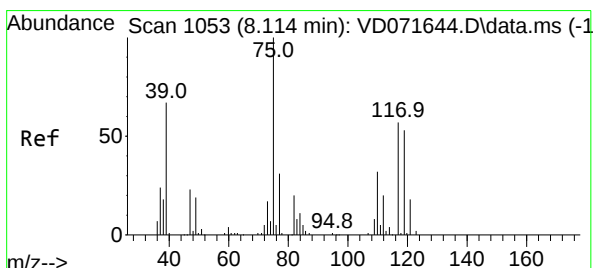
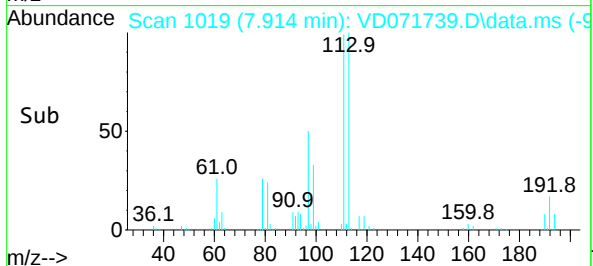
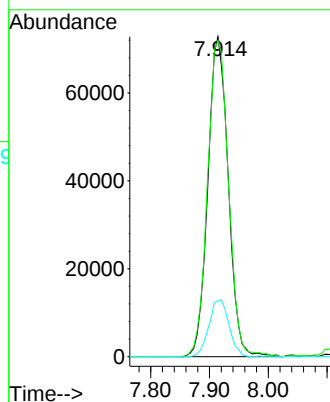
Tgt Ion:113 Resp: 174781

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 17.5 14.2 21.2



#36

1,1-Dichloropropene

Concen: 19.593 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

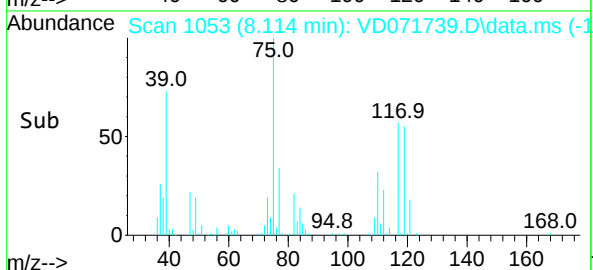
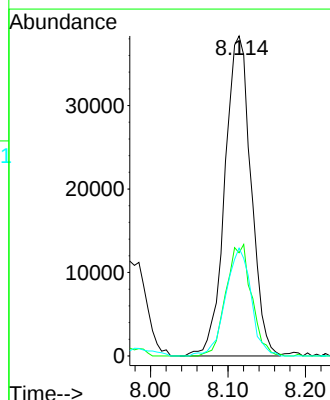
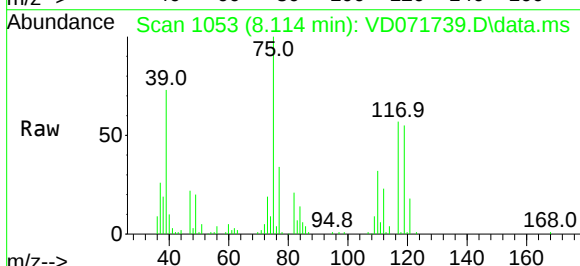
Tgt Ion: 75 Resp: 90186

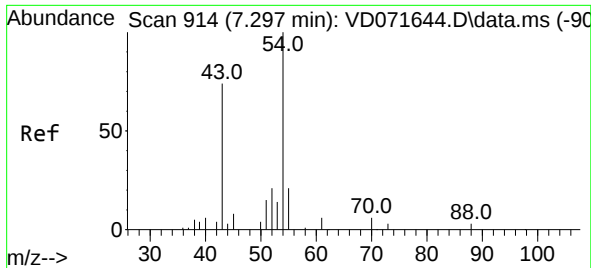
Ion Ratio Lower Upper

75 100

110 34.1 16.0 48.0

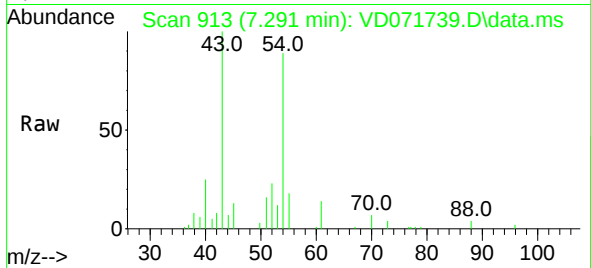
77 32.8 24.5 36.7



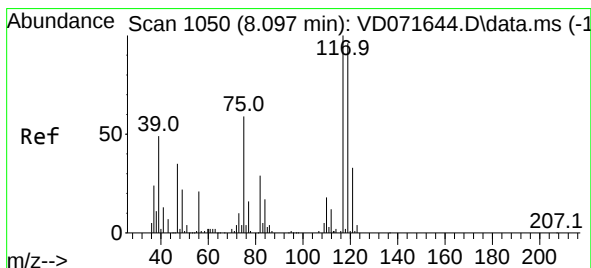
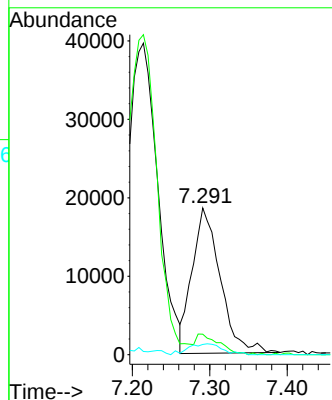
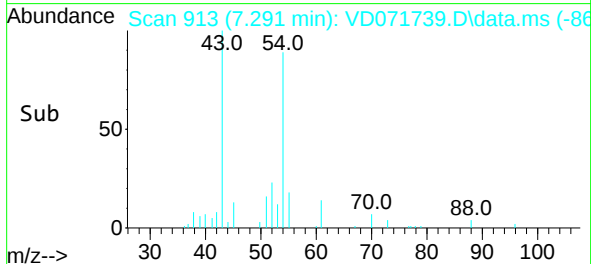


#37
Ethyl Acetate
Concen: 21.826 ug/l
RT: 7.291 min Scan# 914
Delta R.T. -0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

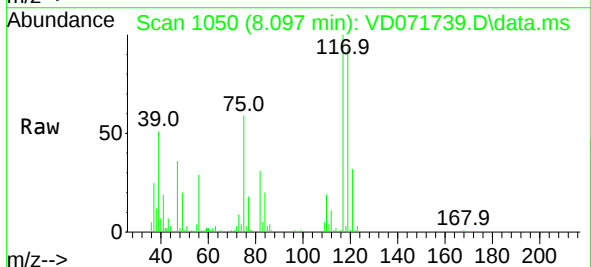
Instrument :
MSVOA_D
ClientSampleId :



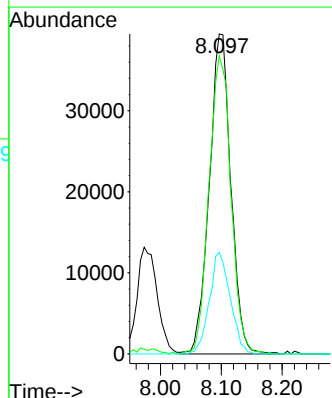
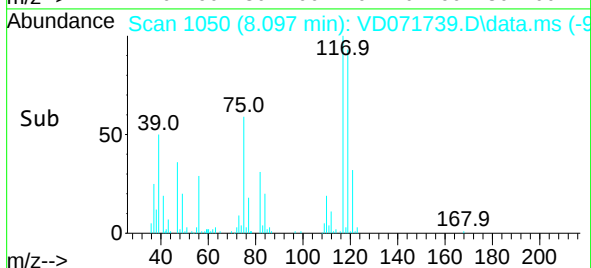
Tgt Ion: 43 Resp: 46629
Ion Ratio Lower Upper
43 100
61 11.3 11.0 16.4
70 9.2 7.4 11.2

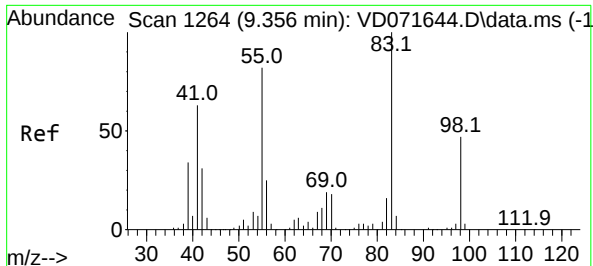


#38
Carbon Tetrachloride
Concen: 20.868 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.001 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02



Tgt Ion: 117 Resp: 97278
Ion Ratio Lower Upper
117 100
119 93.2 73.4 110.2
121 31.7 23.9 35.9





#39

Methylcyclohexane

Concen: 18.351 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

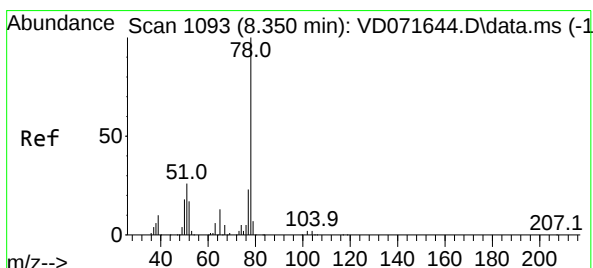
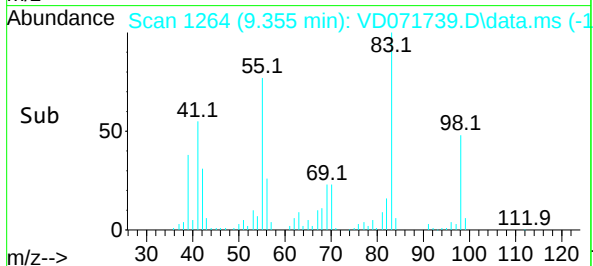
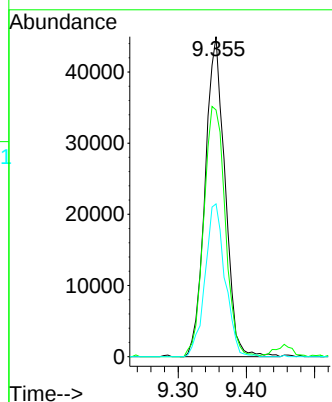
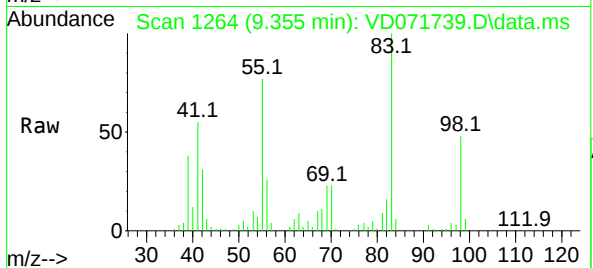
Tgt Ion: 83 Resp: 91241

Ion Ratio Lower Upper

83 100

55 77.1 70.1 105.1

98 47.7 39.2 58.8



#40

Benzene

Concen: 20.695 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.001 min

Lab File: VD071739.D

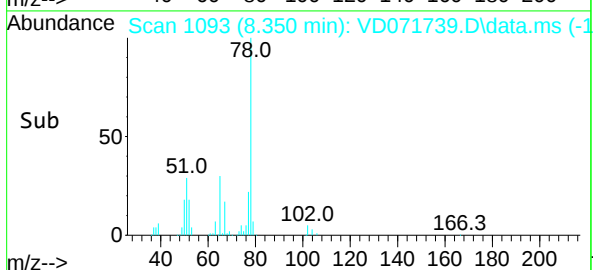
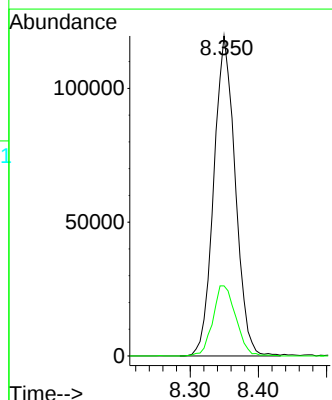
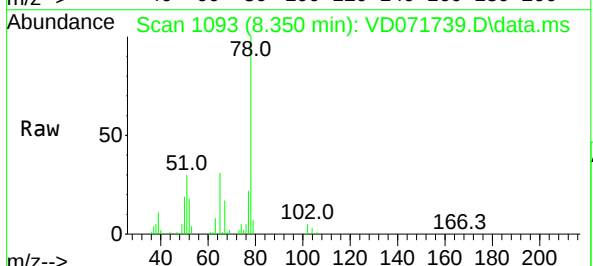
Acq: 19 Jan 2022 12:02

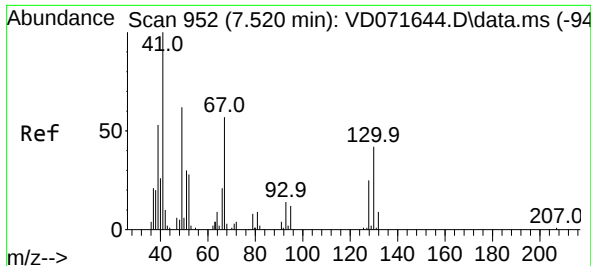
Tgt Ion: 78 Resp: 262473

Ion Ratio Lower Upper

78 100

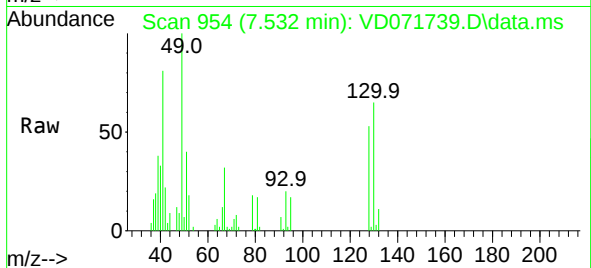
77 21.9 19.4 29.0



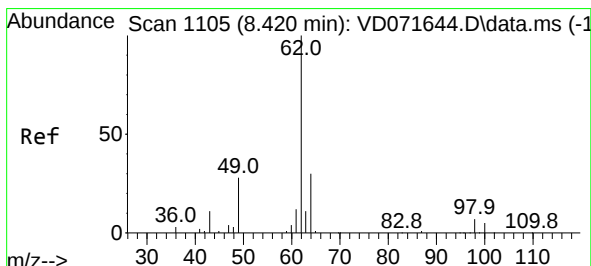
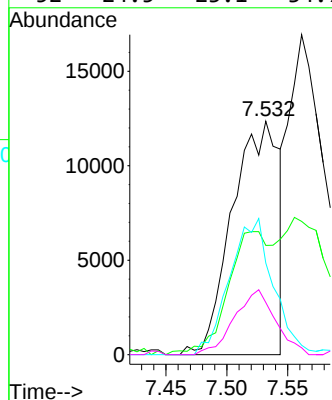
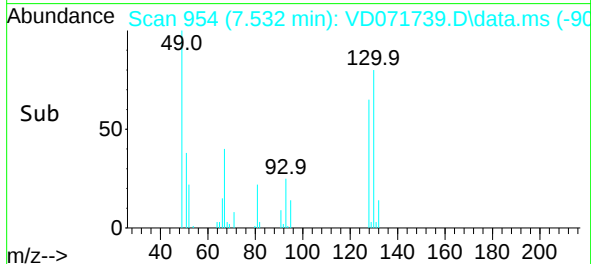


#41
Methacrylonitrile
Concen: 25.546 ug/l
RT: 7.532 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Instrument :
MSVOA_D
ClientSampleId :

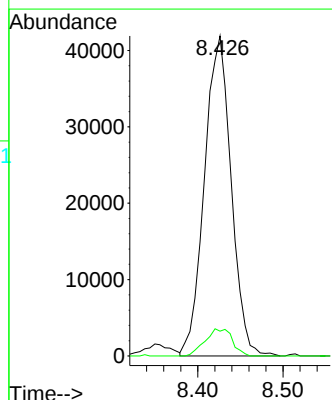
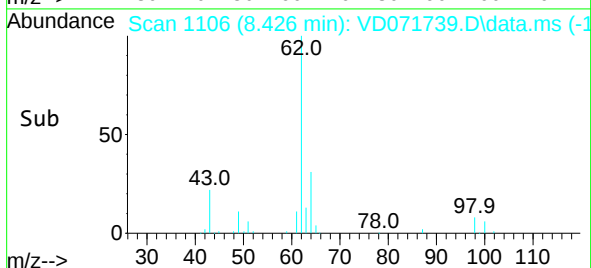
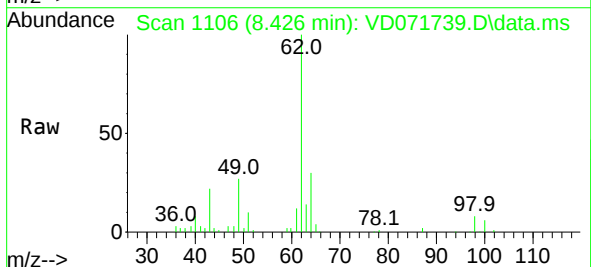


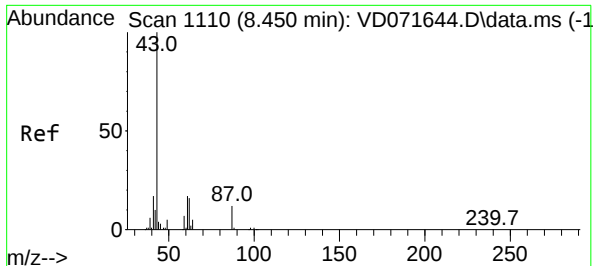
Tgt Ion: 41 Resp: 32903
Ion Ratio Lower Upper
41 100
39 43.4 46.9 70.3#
67 54.8 49.3 73.9
52 24.5 23.1 34.7



#42
1,2-Dichloroethane
Concen: 21.283 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 62 Resp: 91369
Ion Ratio Lower Upper
62 100
98 8.6 0.0 15.4





#43

Isopropyl Acetate

Concen: 23.332 ug/l

RT: 8.455 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

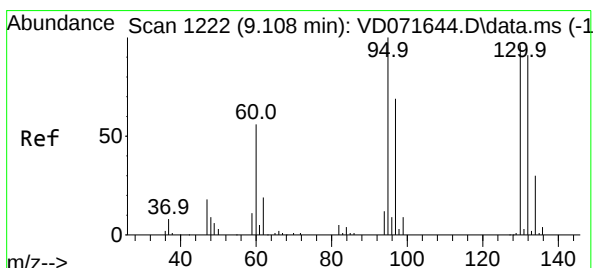
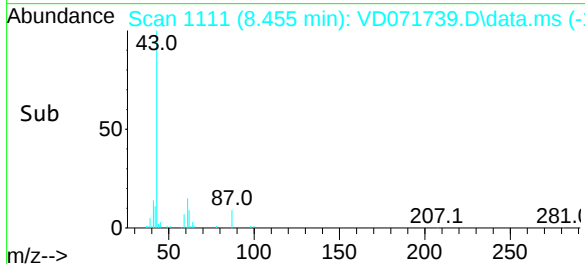
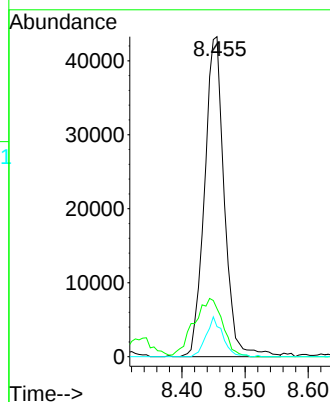
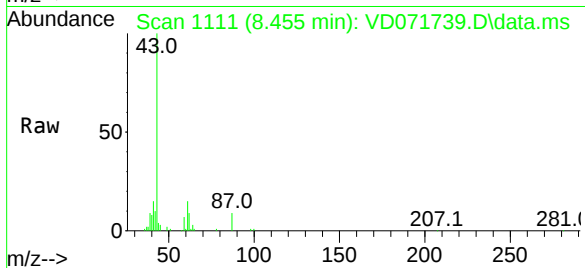
Tgt Ion: 43 Resp: 93829

Ion Ratio Lower Upper

43 100

61 26.7 21.9 32.9

87 10.5 8.9 13.3



#44

Trichloroethene

Concen: 20.194 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD071739.D

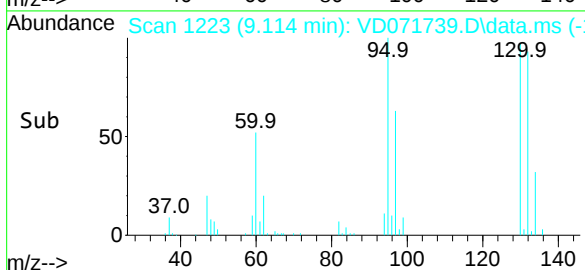
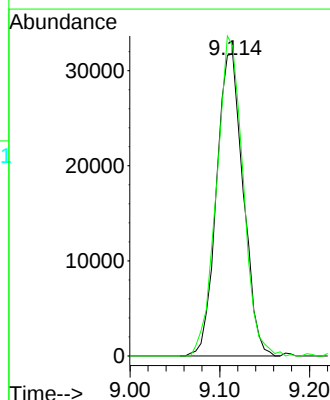
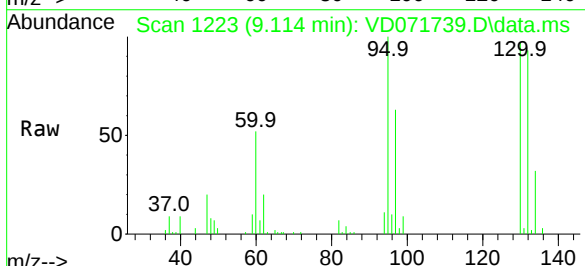
Acq: 19 Jan 2022 12:02

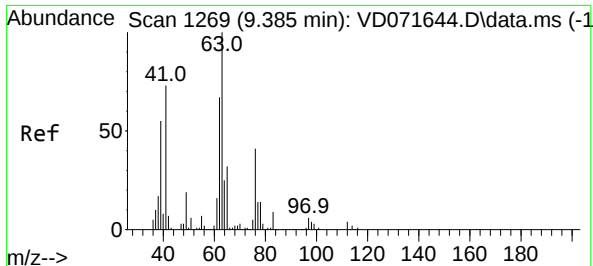
Tgt Ion:130 Resp: 65911

Ion Ratio Lower Upper

130 100

95 102.6 0.0 214.4





#45

1,2-Dichloropropane

Concen: 20.938 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

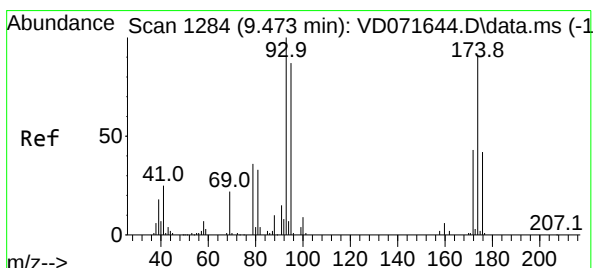
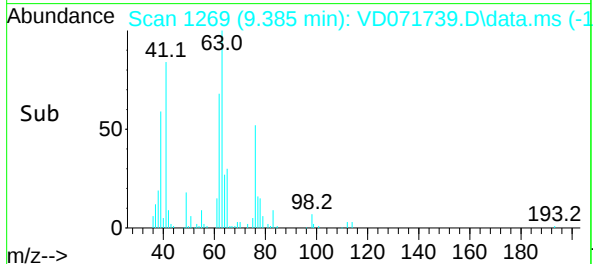
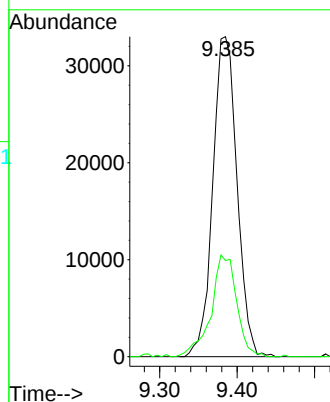
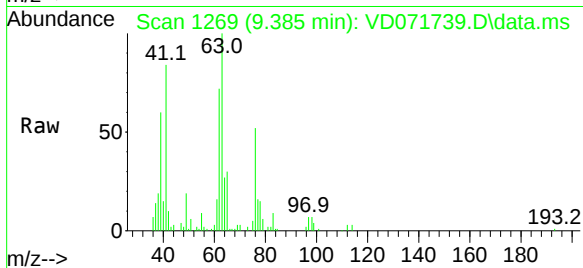
ClientSampleId :

Tgt Ion: 63 Resp: 71785

Ion Ratio Lower Upper

63 100

65 30.1 24.7 37.1



#46

Dibromomethane

Concen: 21.343 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

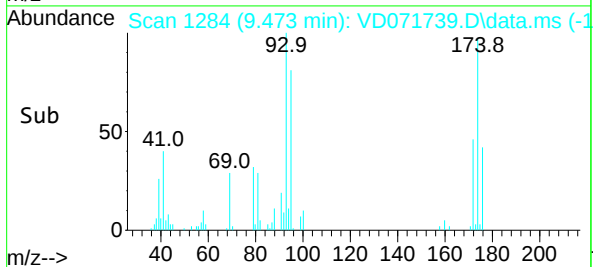
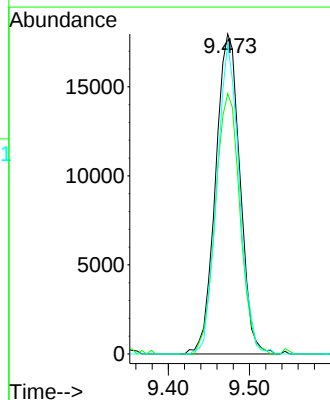
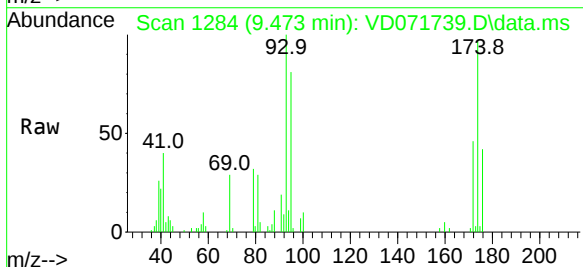
Tgt Ion: 93 Resp: 37454

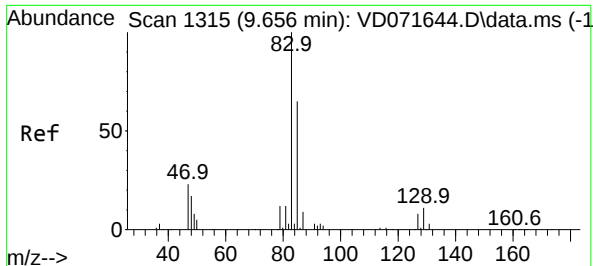
Ion Ratio Lower Upper

93 100

95 81.8 65.1 97.7

174 89.6 68.1 102.1

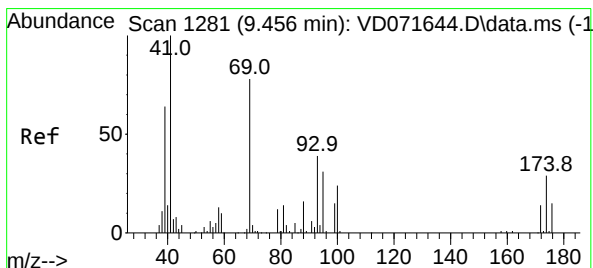
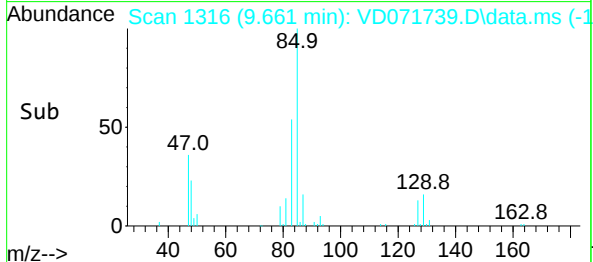
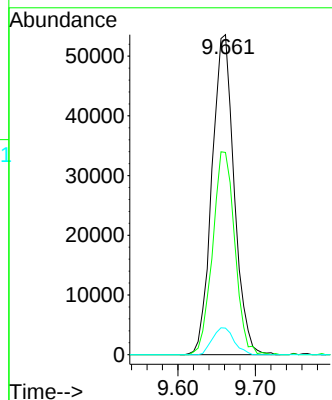
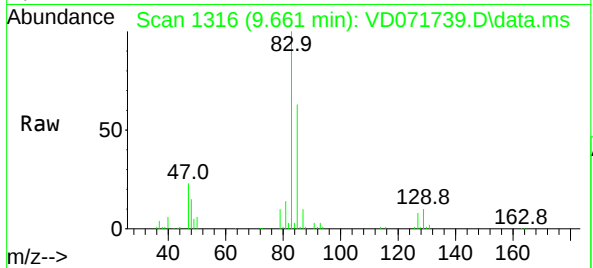




#47
Bromodichloromethane
Concen: 22.102 ug/l
RT: 9.661 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

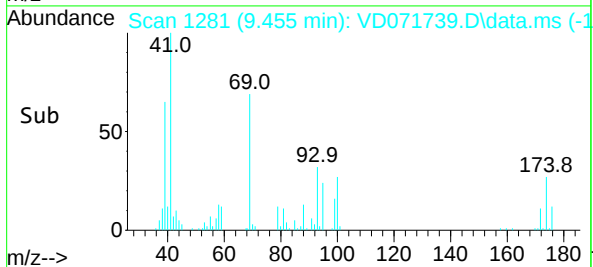
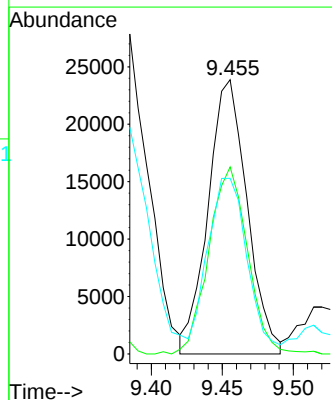
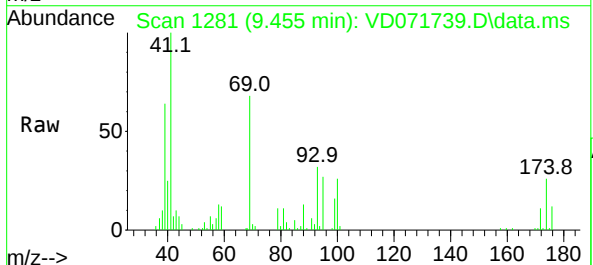
Instrument :
MSVOA_D
ClientSampleId :

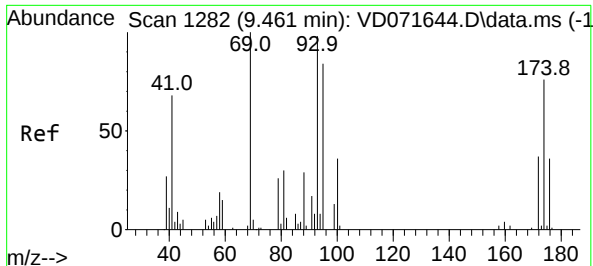
Tgt Ion: 83 Resp: 106487
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 8.3 6.1 9.1



#48
Methyl methacrylate
Concen: 22.480 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 41 Resp: 45684
Ion Ratio Lower Upper
41 100
69 68.1 59.5 89.3
39 64.4 56.0 84.0





#49

1,4-Dioxane

Concen: 444.262 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.006 min

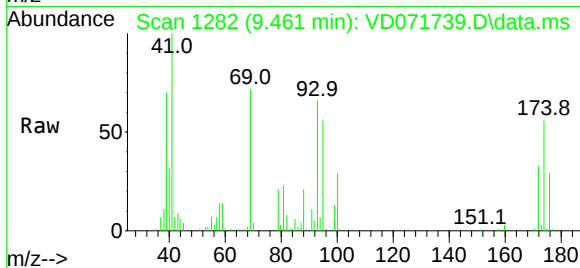
Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :



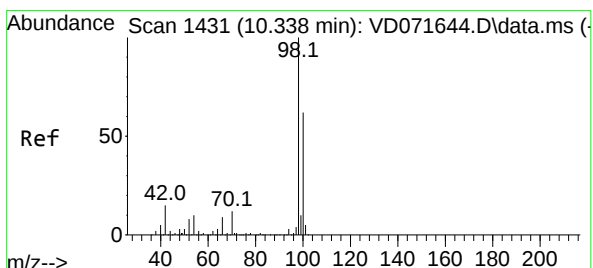
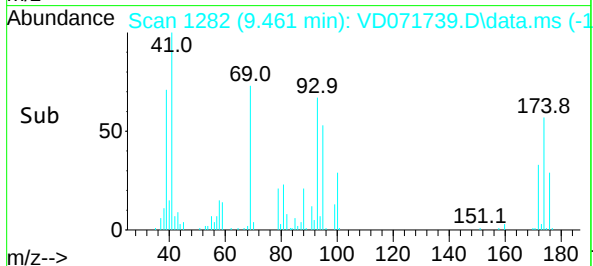
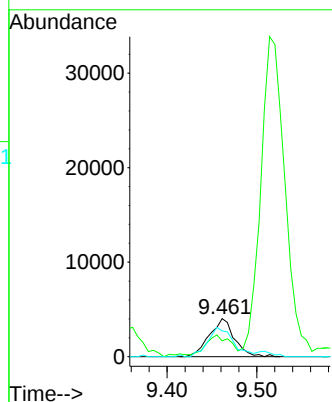
Tgt Ion: 88 Resp: 7816

Ion Ratio Lower Upper

88 100

43 60.9 34.6 52.0#

58 78.6 62.0 93.0



#50

Toluene-d8

Concen: 53.835 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.001 min

Lab File: VD071739.D

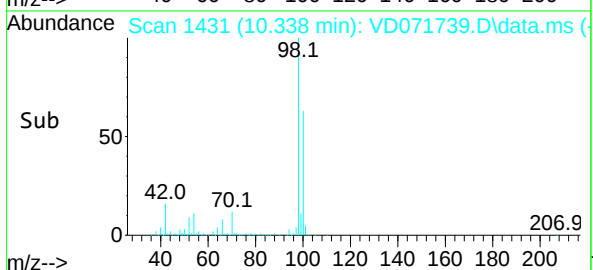
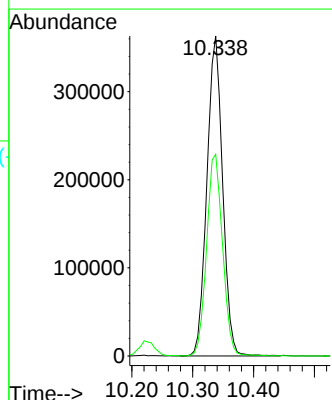
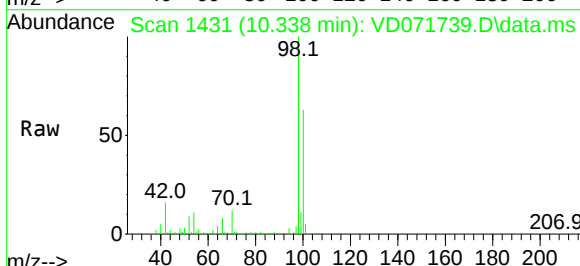
Acq: 19 Jan 2022 12:02

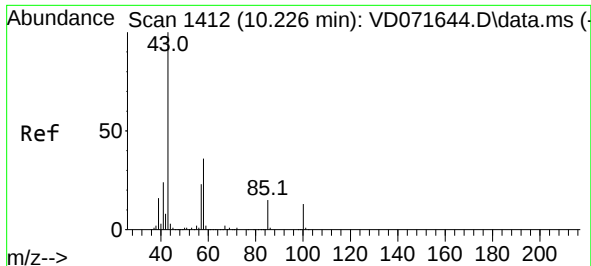
Tgt Ion: 98 Resp: 650297

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1

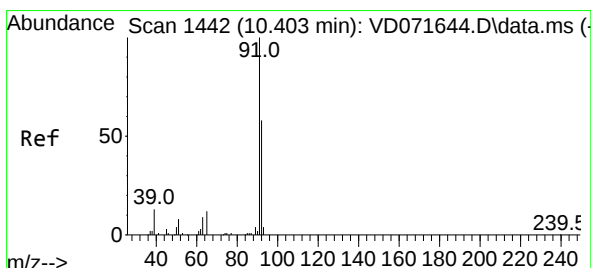
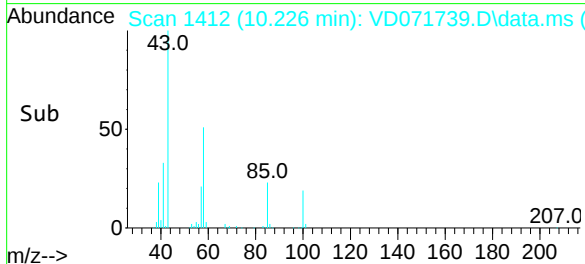
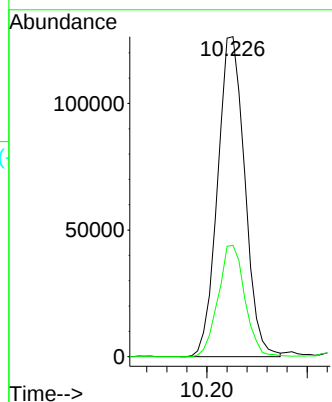
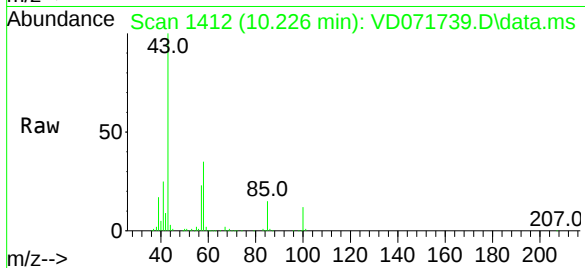




#51
4-Methyl-2-Pentanone
Concen: 111.997 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

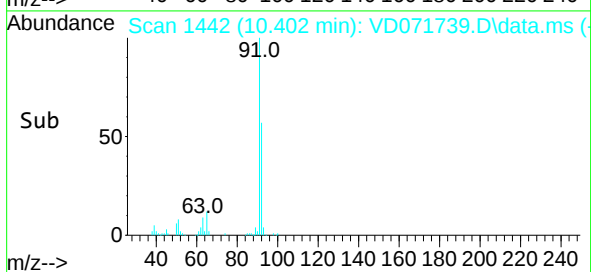
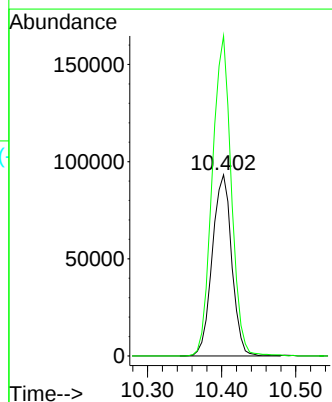
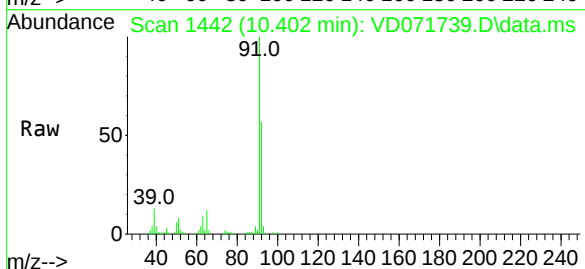
Instrument :
MSVOA_D
ClientSampleId :

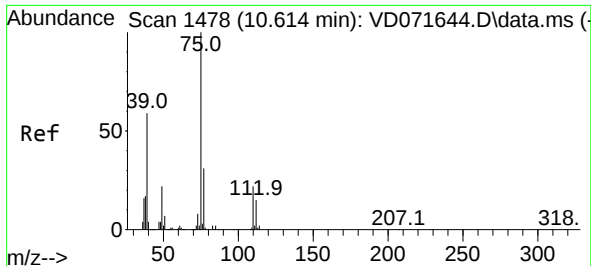
Tgt Ion: 43 Resp: 237905
Ion Ratio Lower Upper
43 100
58 34.2 28.2 42.2



#52
Toluene
Concen: 21.306 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 92 Resp: 170093
Ion Ratio Lower Upper
92 100
91 173.2 137.3 205.9

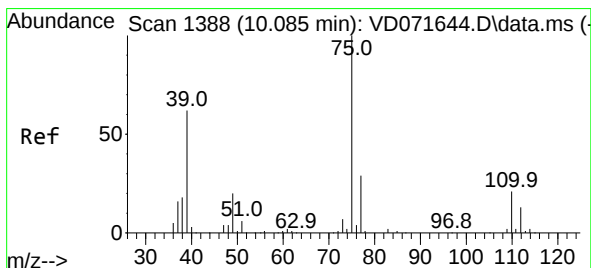
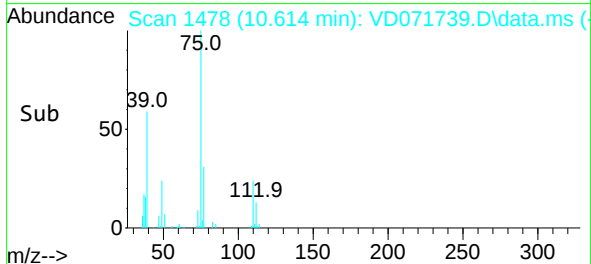
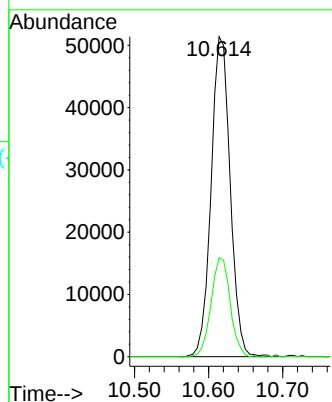
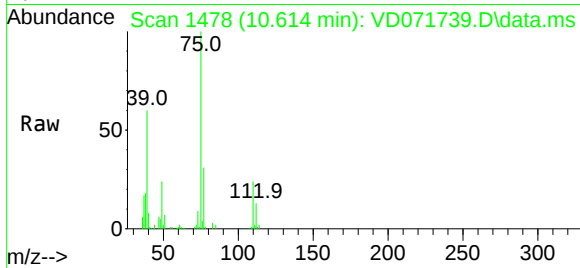




#53
 t-1,3-Dichloropropene
 Concen: 21.740 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

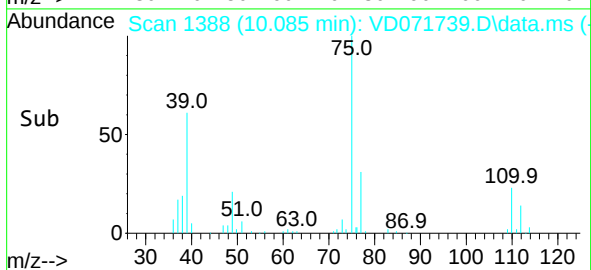
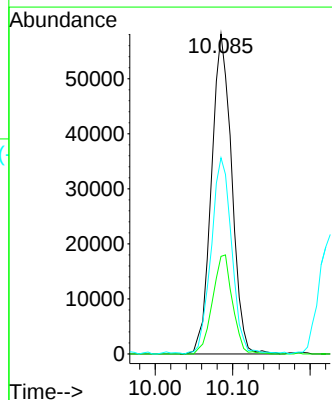
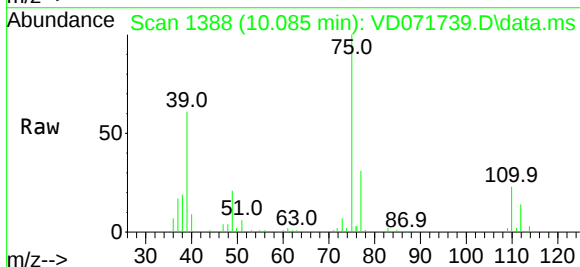
Instrument :
 MSVOA_D
 ClientSampleId :

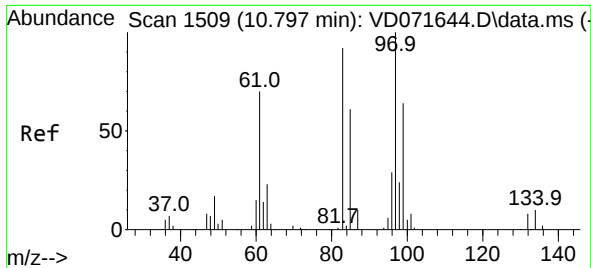
Tgt Ion: 75 Resp: 91881
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.2 36.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.170 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

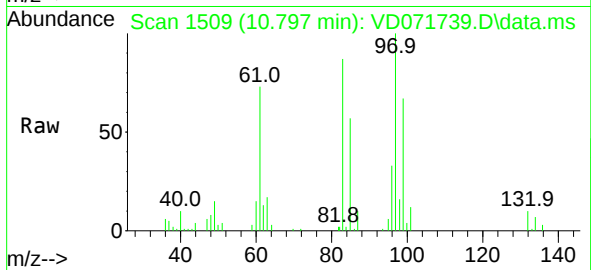
Tgt Ion: 75 Resp: 105493
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.6
 39 61.0 49.8 74.8



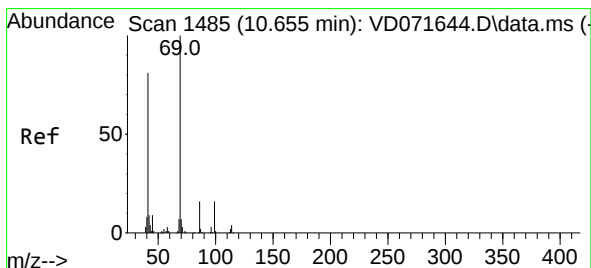
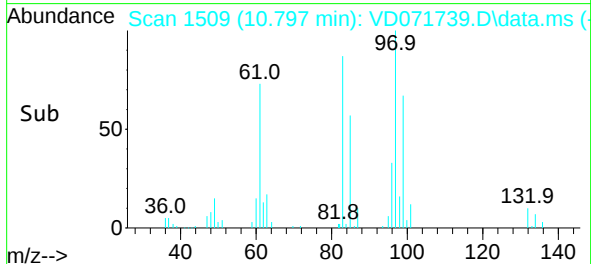
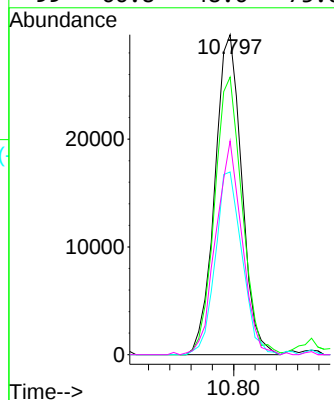


#55
1,1,2-Trichloroethane
Concen: 22.597 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.001 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Instrument :
MSVOA_D
ClientSampleId :

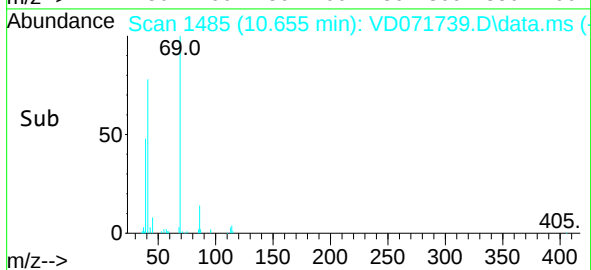
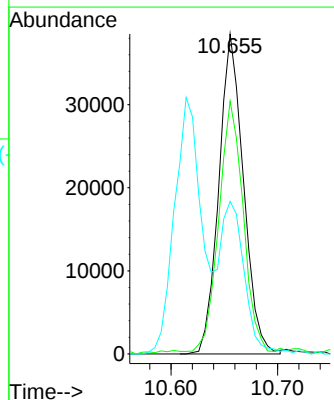
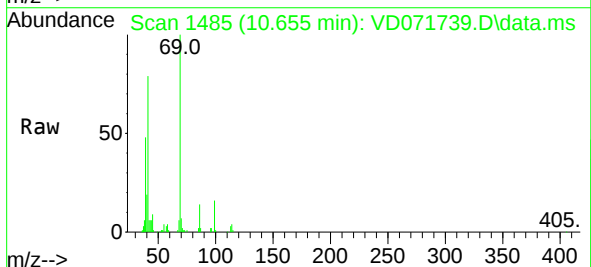


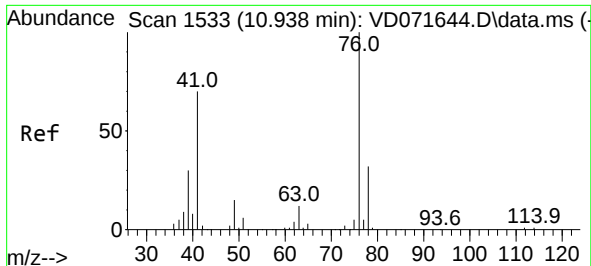
Tgt Ion:	97	Resp:	51985
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.1	102.1
85	57.1	46.8	70.2
99	66.8	48.6	73.0



#56
Ethyl methacrylate
Concen: 21.866 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion:	69	Resp:	61659
Ion	Ratio	Lower	Upper
69	100		
41	77.0	65.8	98.6
39	48.6	38.7	58.1





#57

1,3-Dichloropropane

Concen: 20.924 ug/l

RT: 10.944 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

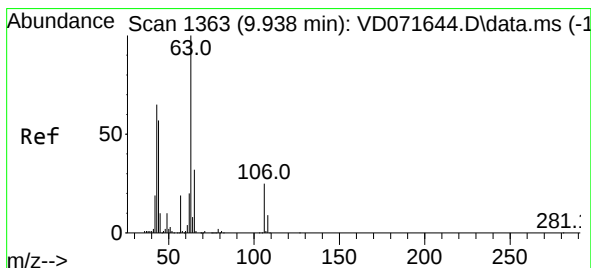
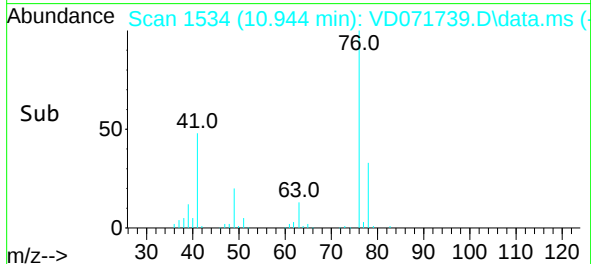
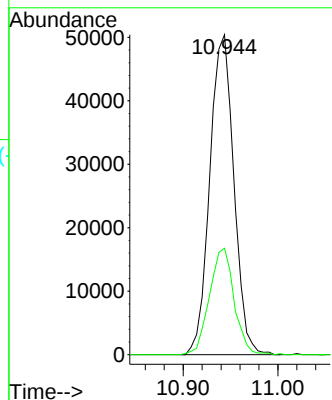
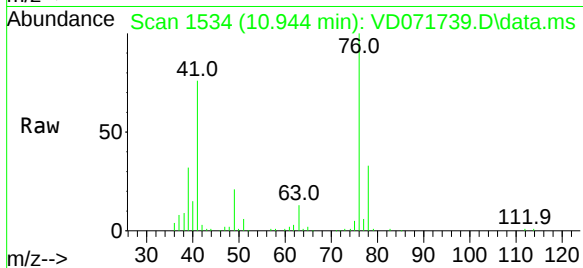
ClientSampleId :

Tgt Ion: 76 Resp: 88953

Ion Ratio Lower Upper

76 100

78 34.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 110.303 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.001 min

Lab File: VD071739.D

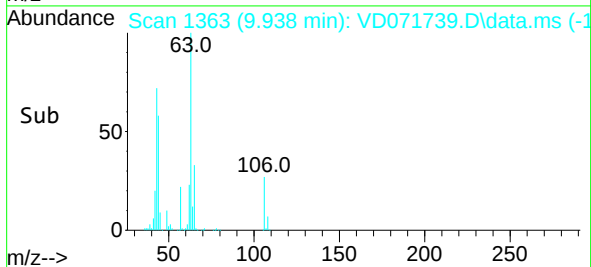
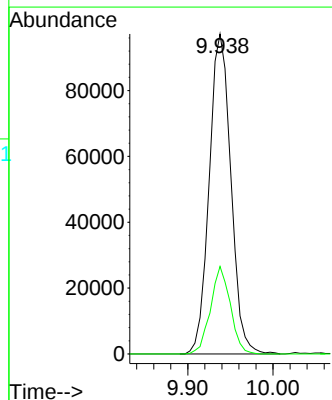
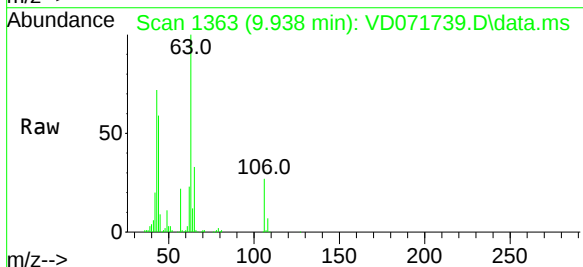
Acq: 19 Jan 2022 12:02

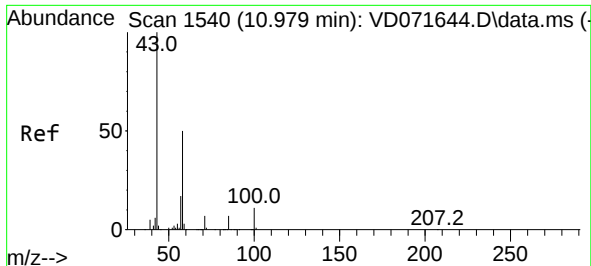
Tgt Ion: 63 Resp: 171706

Ion Ratio Lower Upper

63 100

106 25.0 20.7 31.1

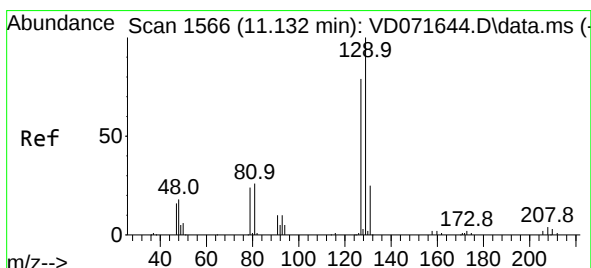
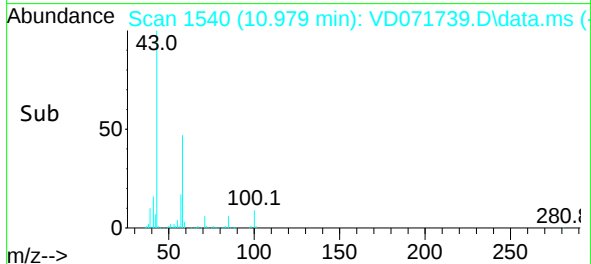
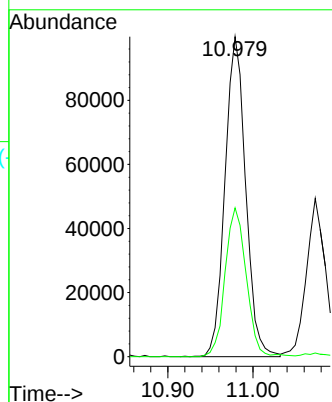
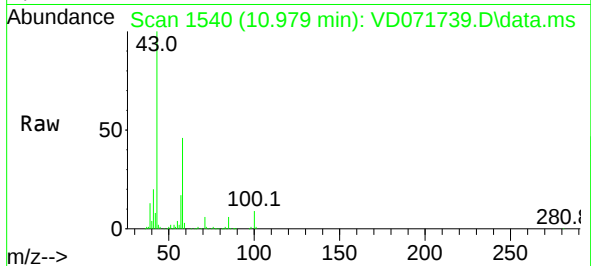




#59
2-Hexanone
Concen: 113.585 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

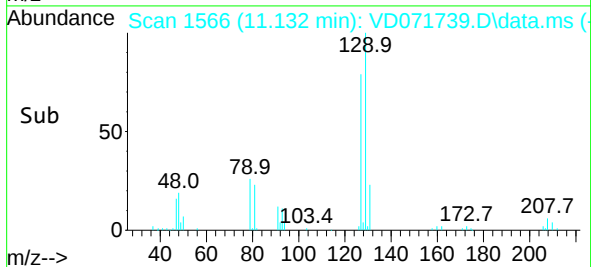
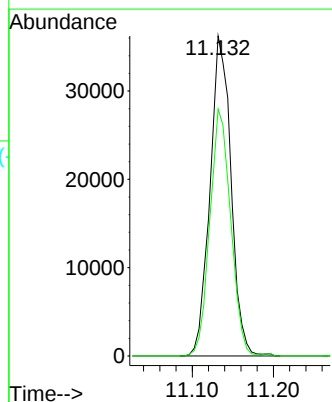
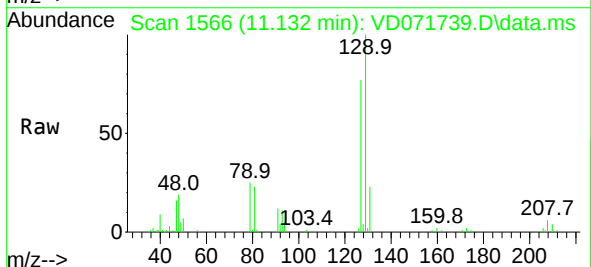
Instrument :
MSVOA_D
ClientSampleId :

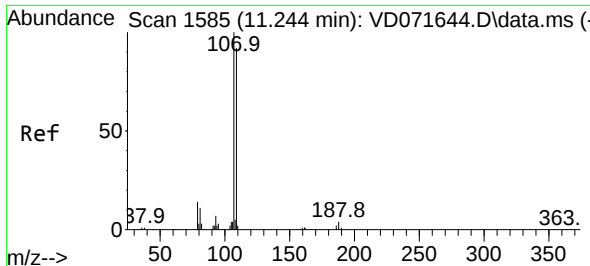
Tgt Ion: 43 Resp: 168521
Ion Ratio Lower Upper
43 100
58 47.5 24.3 72.8



#60
Dibromochloromethane
Concen: 22.198 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.005 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion:129 Resp: 65001
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3

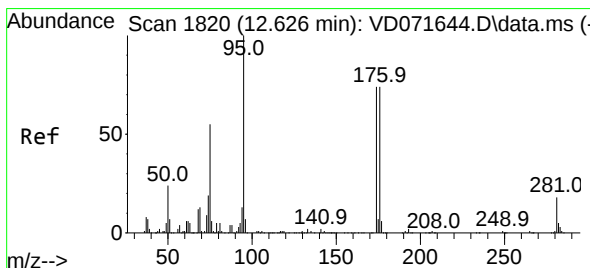
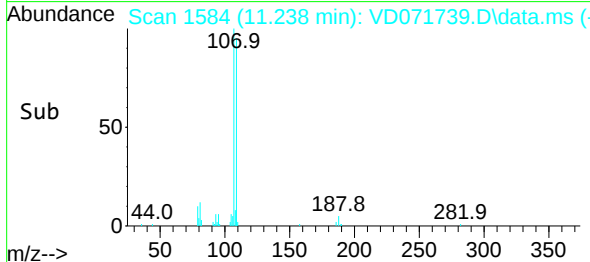
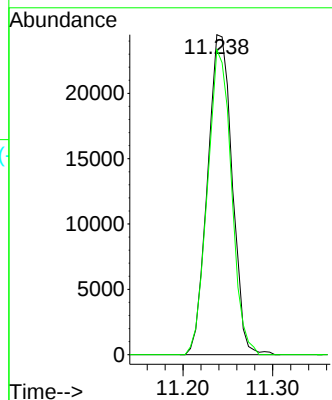
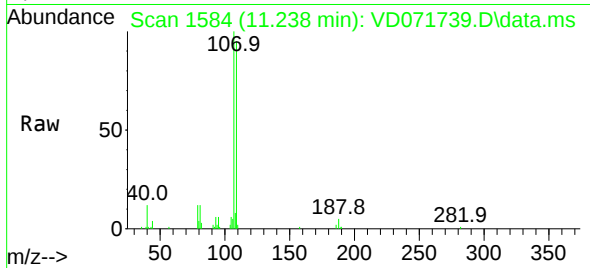




#61
1,2-Dibromoethane
Concen: 21.187 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

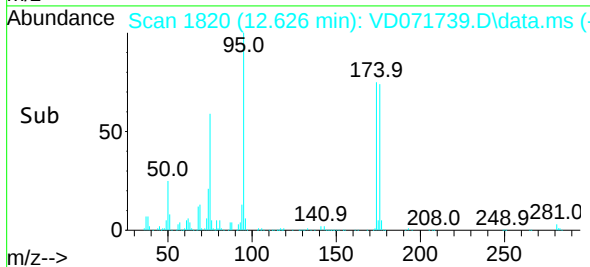
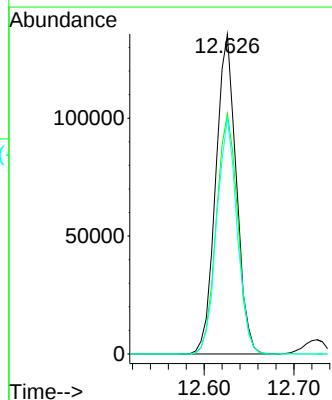
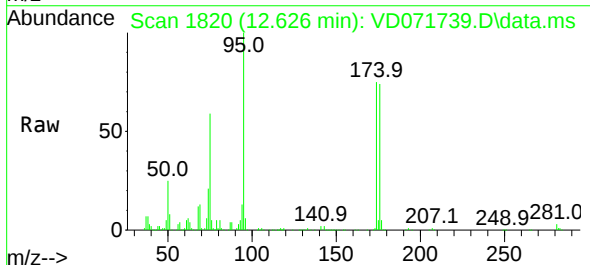
Instrument :
MSVOA_D
ClientSampleId :

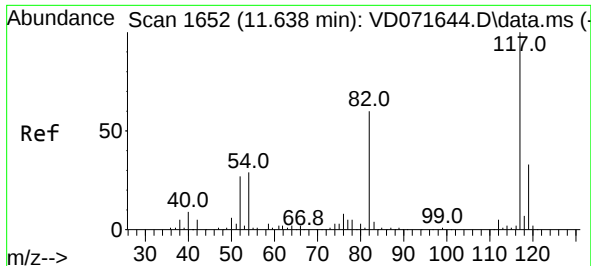
Tgt Ion:107 Resp: 46632
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.647 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 95 Resp: 215578
Ion Ratio Lower Upper
95 100
174 77.6 0.0 150.0
176 73.2 0.0 146.4

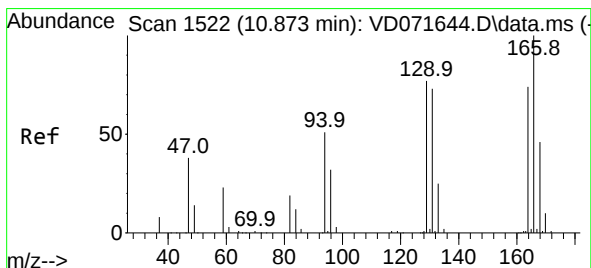
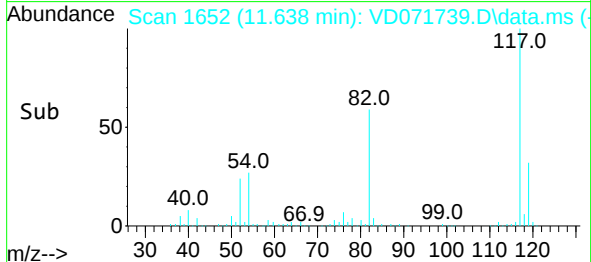
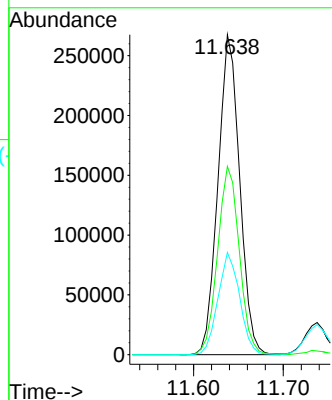
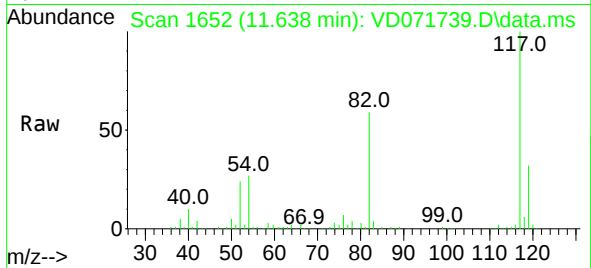




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

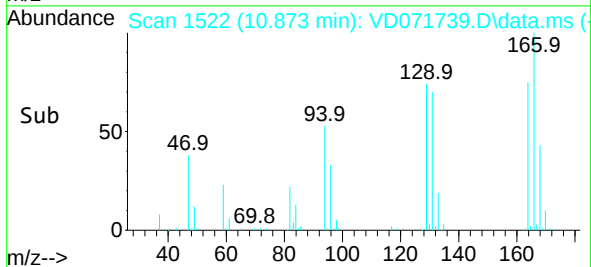
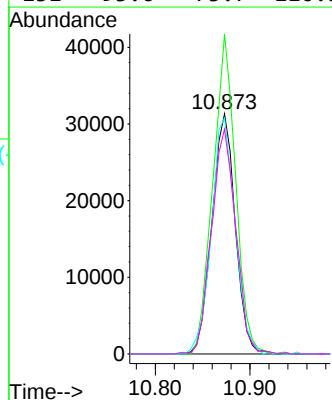
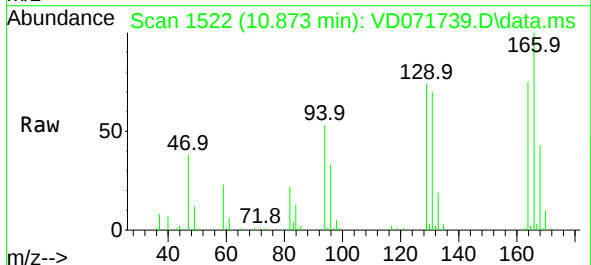
Instrument :
MSVOA_D
ClientSampleId :

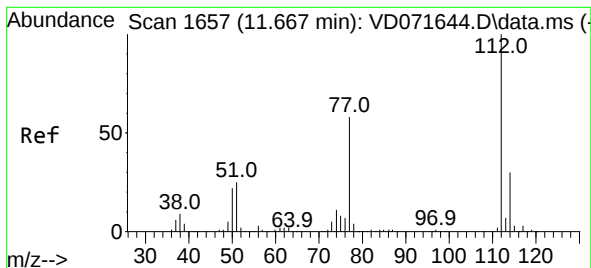
Tgt Ion:117 Resp: 449538
Ion Ratio Lower Upper
117 100
82 58.8 46.9 70.3
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 20.255 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion:164 Resp: 53487
Ion Ratio Lower Upper
164 100
166 133.2 100.2 150.2
129 98.3 82.0 123.0
131 93.6 73.7 110.5





#65

Chlorobenzene

Concen: 20.558 ug/l

RT: 11.667 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

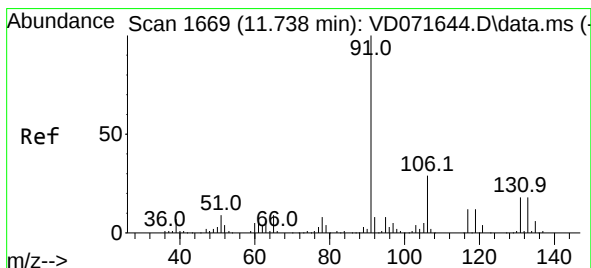
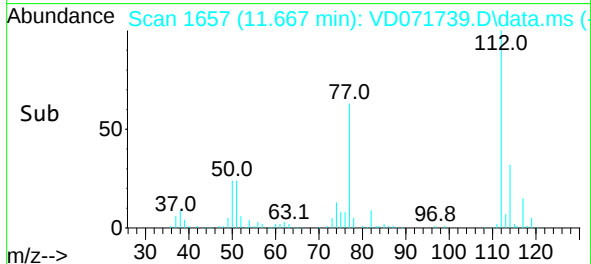
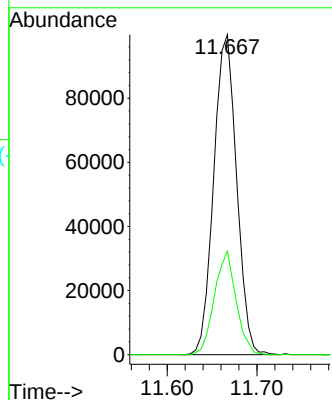
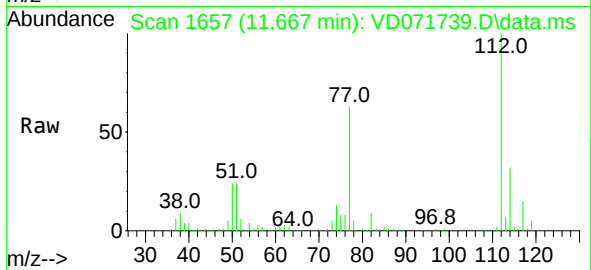
ClientSampleId :

Tgt Ion:112 Resp: 176851

Ion Ratio Lower Upper

112 100

114 32.4 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.616 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.001 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

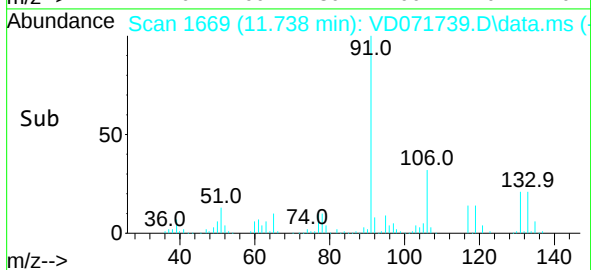
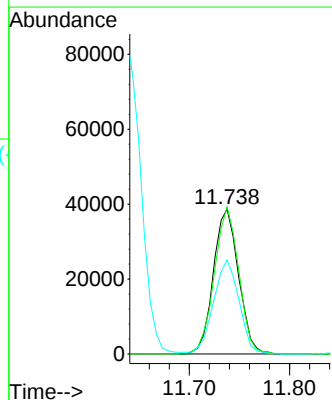
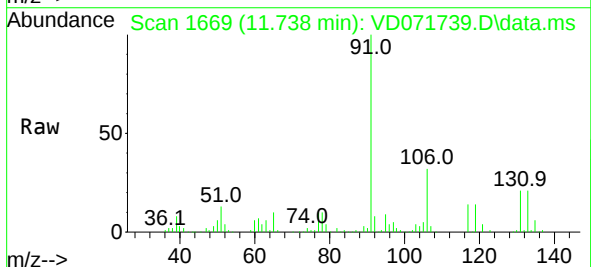
Tgt Ion:131 Resp: 67243

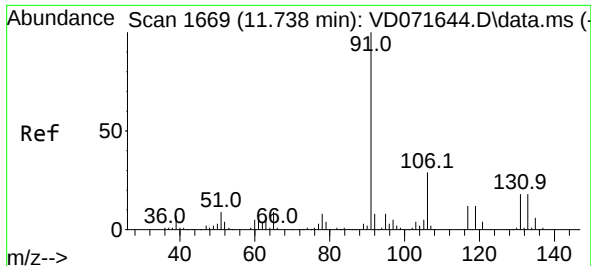
Ion Ratio Lower Upper

131 100

133 98.9 48.1 144.3

119 65.9 33.8 101.4

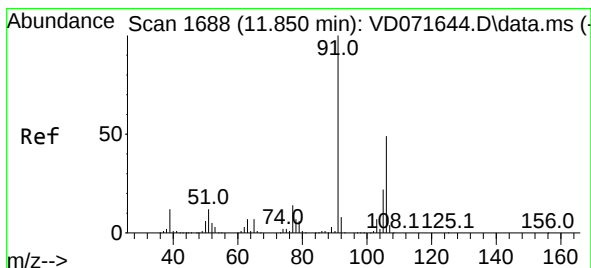
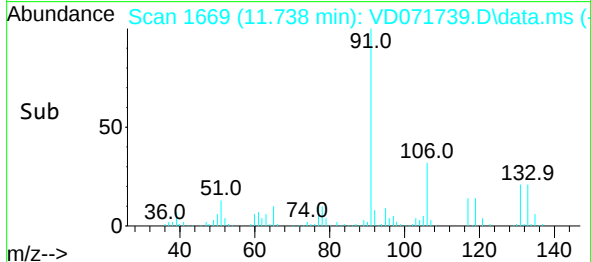
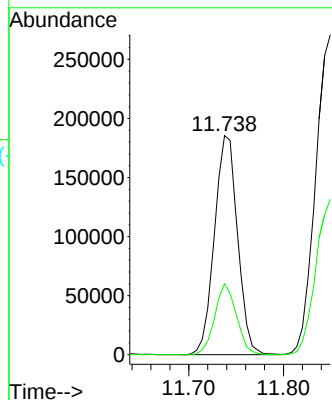
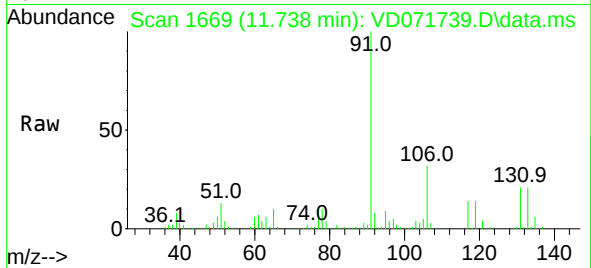




#67
Ethyl Benzene
Concen: 19.929 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

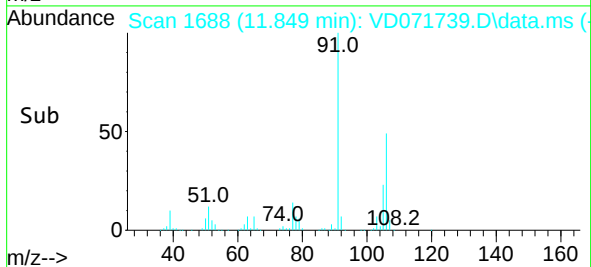
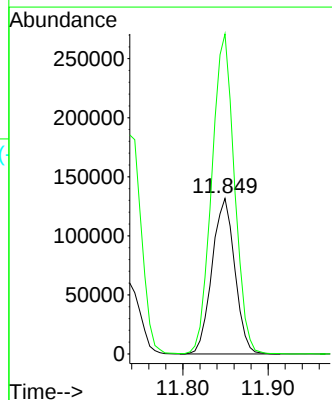
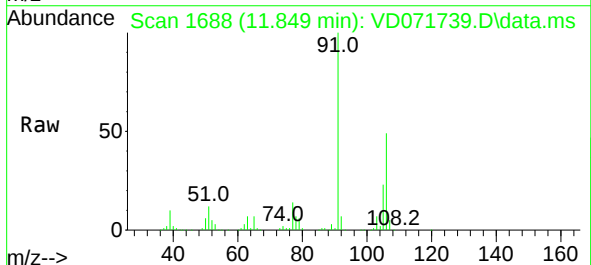
Instrument :
MSVOA_D
ClientSampleId :

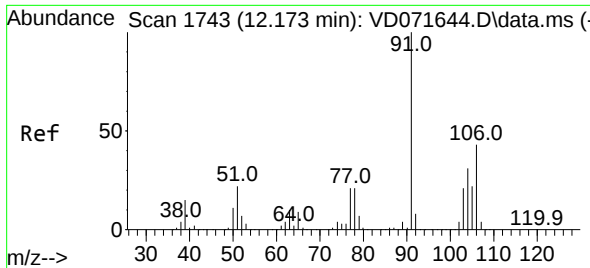
Tgt Ion: 91 Resp: 314733
Ion Ratio Lower Upper
91 100
106 32.3 23.6 35.4



#68
m/p-Xylenes
Concen: 41.539 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 106 Resp: 243984
Ion Ratio Lower Upper
106 100
91 205.6 168.6 252.8

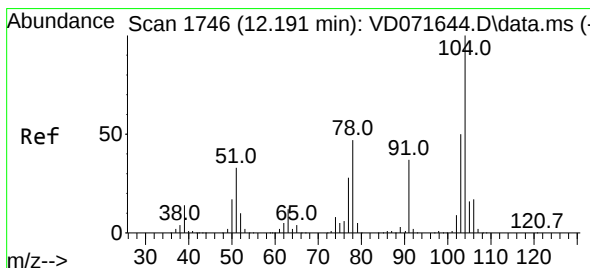
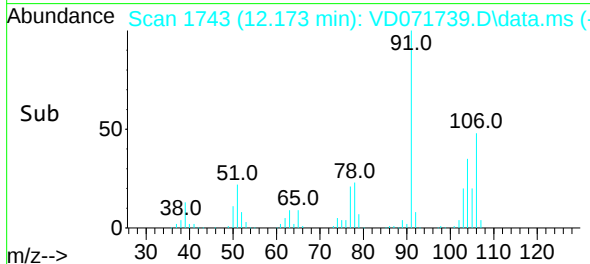
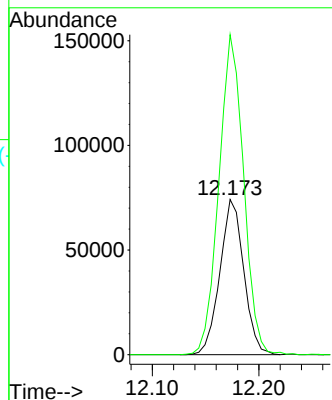
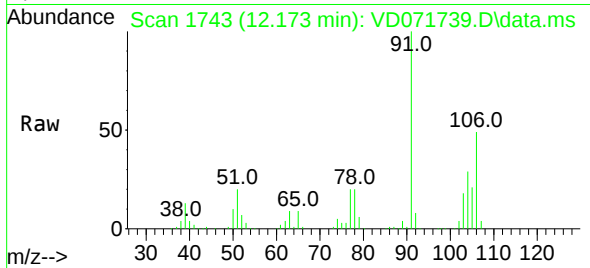




#69
o-Xylene
Concen: 20.799 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

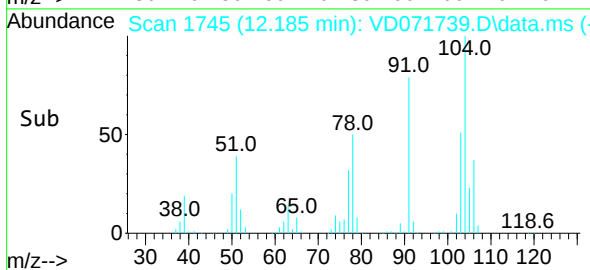
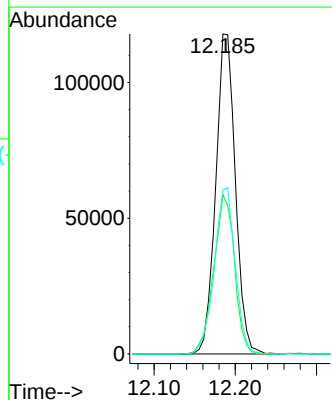
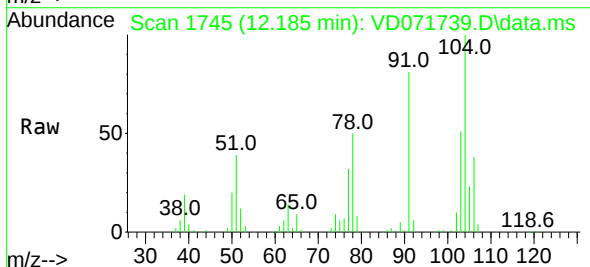
Instrument :
MSVOA_D
ClientSampleId :

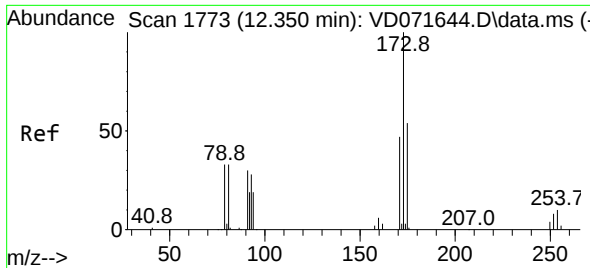
Tgt Ion:106 Resp: 115627
Ion Ratio Lower Upper
106 100
91 213.2 110.9 332.9



#70
Styrene
Concen: 20.837 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.005 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion:104 Resp: 198560
Ion Ratio Lower Upper
104 100
78 52.7 42.8 64.2
103 55.0 43.6 65.4

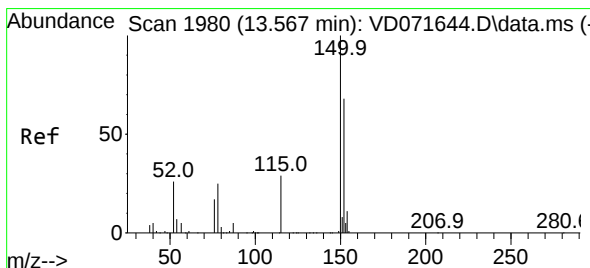
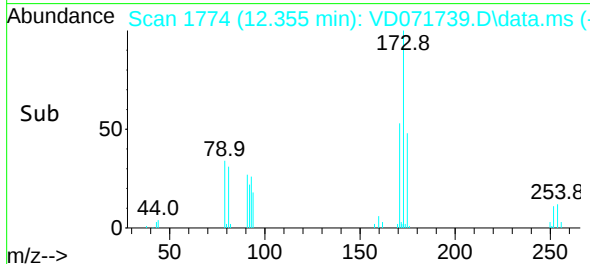
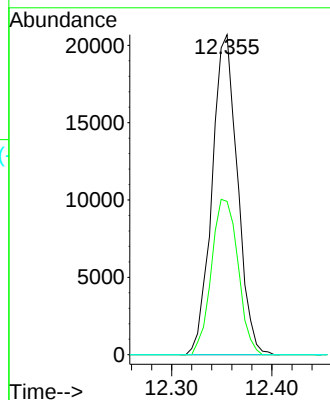
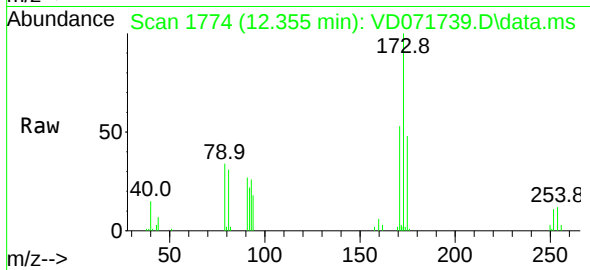




#71
Bromoform
Concen: 22.861 ug/l
RT: 12.355 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

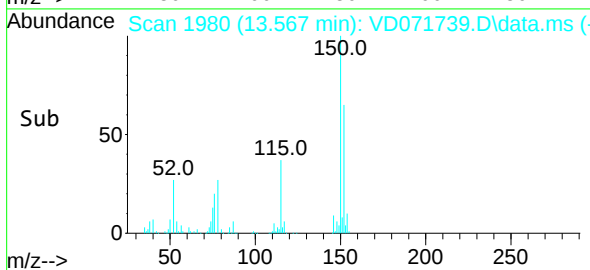
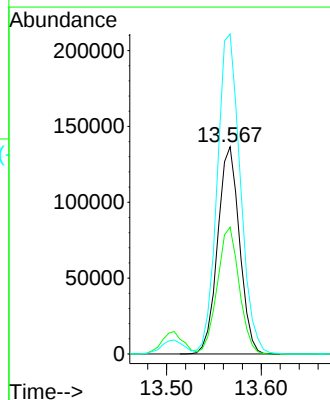
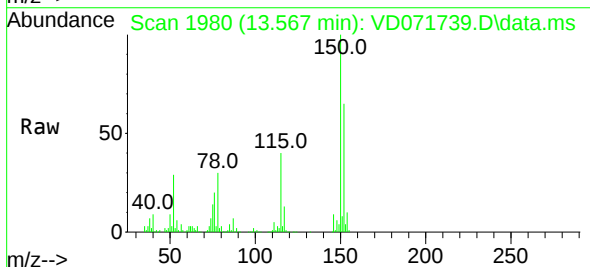
Instrument :
MSVOA_D
ClientSampleId :

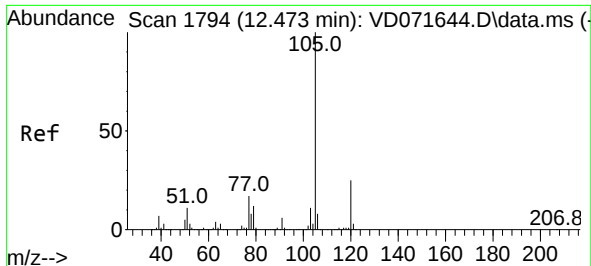
Tgt Ion:173 Resp: 36410
Ion Ratio Lower Upper
173 100
175 50.9 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion:152 Resp: 218283
Ion Ratio Lower Upper
152 100
115 61.6 31.5 94.5
150 164.4 0.0 348.0

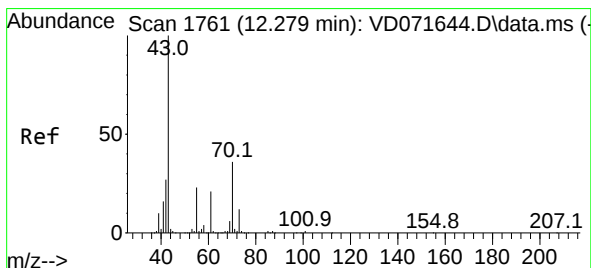
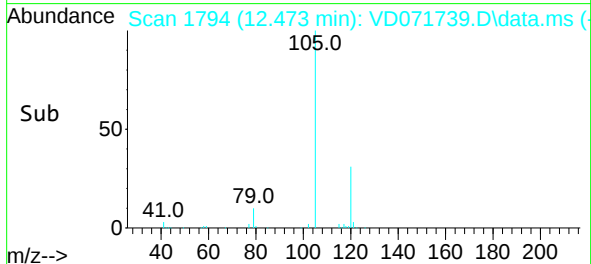
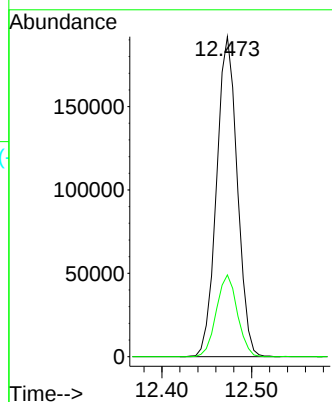
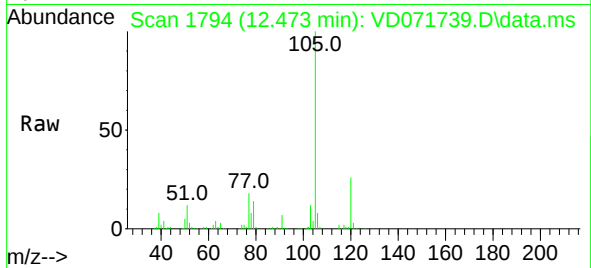




#73
Isopropylbenzene
Concen: 19.594 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

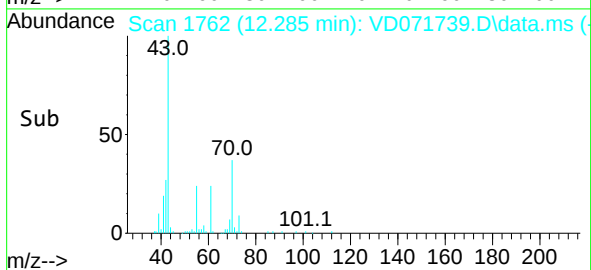
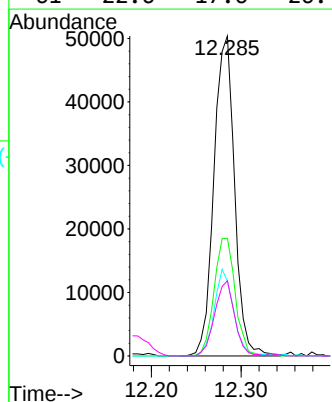
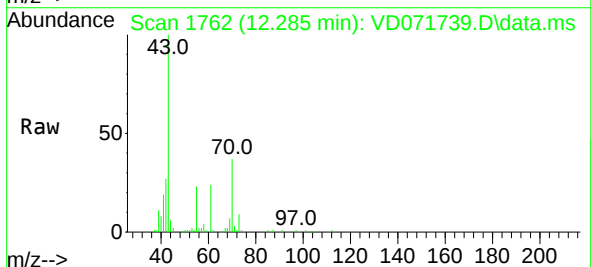
Instrument :
MSVOA_D
ClientSampleId :

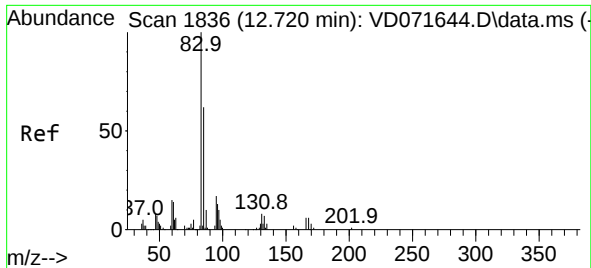
Tgt Ion:105 Resp: 307367
Ion Ratio Lower Upper
105 100
120 25.8 12.5 37.5



#74
N-ethyl acetate
Concen: 20.944 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.007 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 43 Resp: 80588
Ion Ratio Lower Upper
43 100
70 37.9 29.5 44.3
55 25.1 19.1 28.7
61 22.6 17.6 26.4

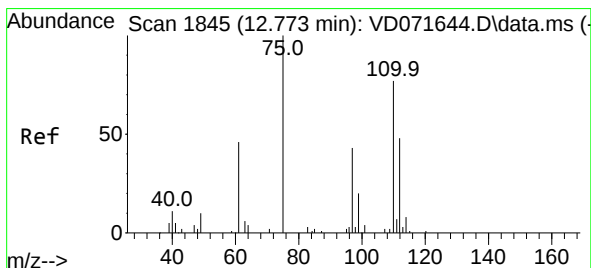
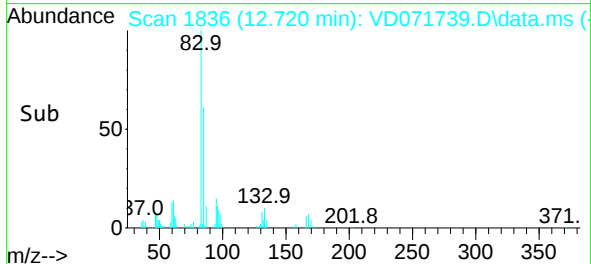
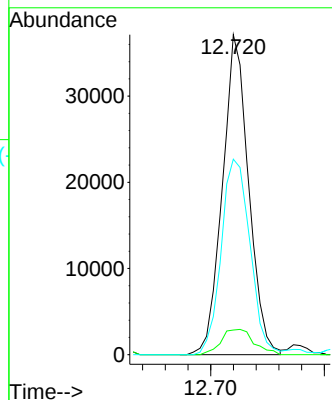
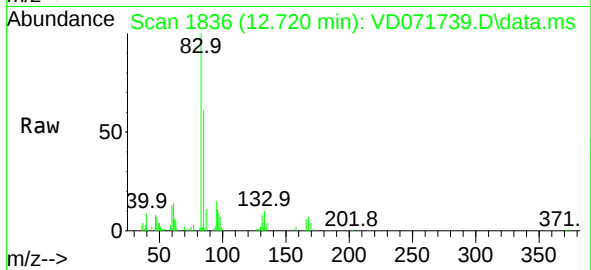




#75
1,1,2,2-Tetrachloroethane
Concen: 21.383 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

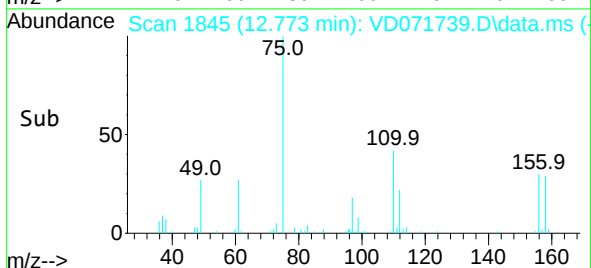
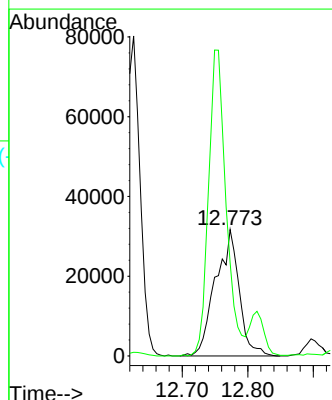
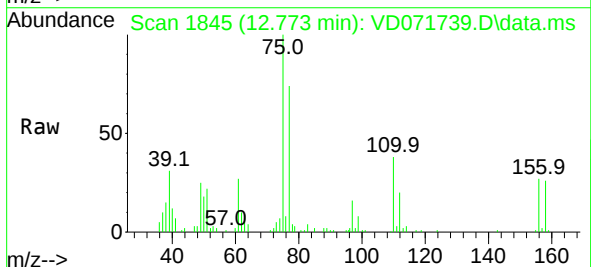
Instrument :
MSVOA_D
ClientSampleId :

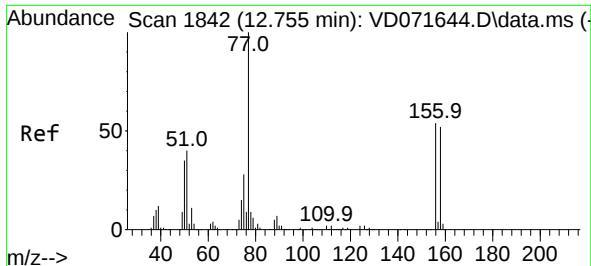
Tgt Ion: 83 Resp: 59439
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 67.1 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 37.539 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 75 Resp: 79179
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

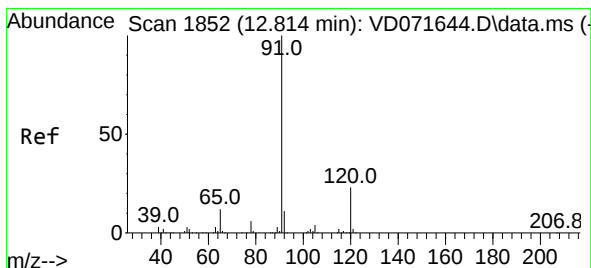
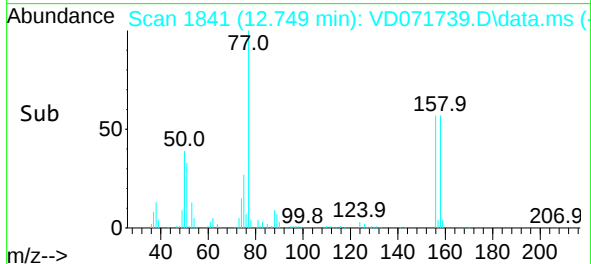
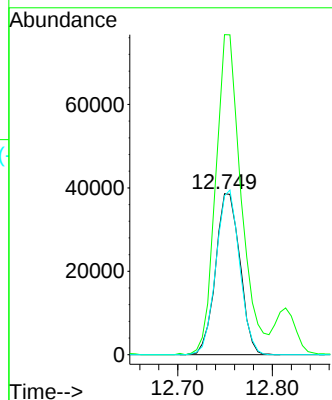
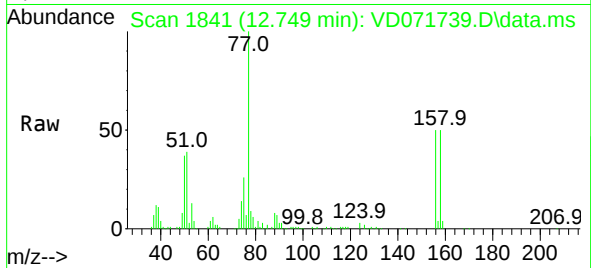




#77
Bromobenzene
Concen: 20.370 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

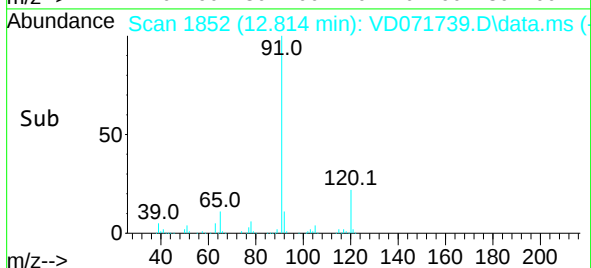
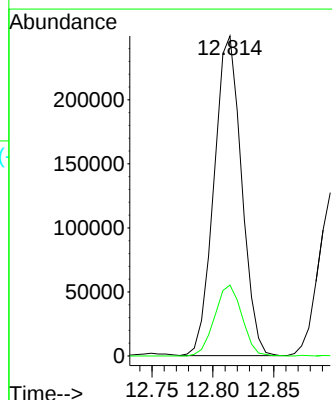
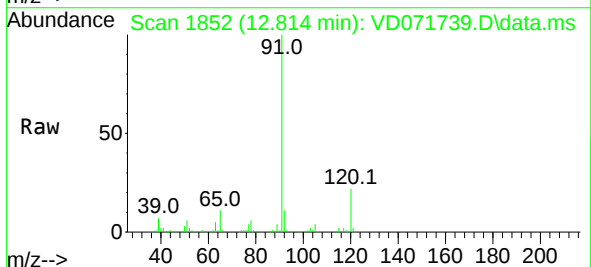
Instrument :
MSVOA_D
ClientSampleId :

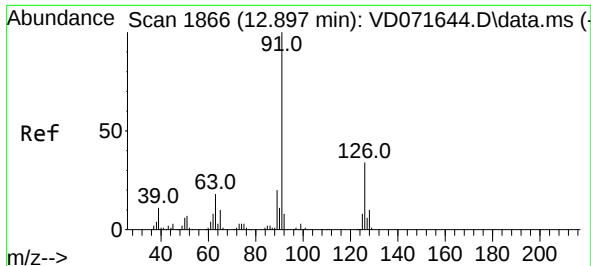
Tgt Ion:156 Resp: 69021
Ion Ratio Lower Upper
156 100
77 208.7 101.4 304.2
158 99.2 46.8 140.3



#78
n-propylbenzene
Concen: 19.910 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 91 Resp: 392798
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.7

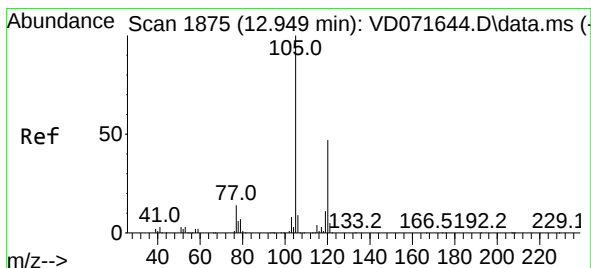
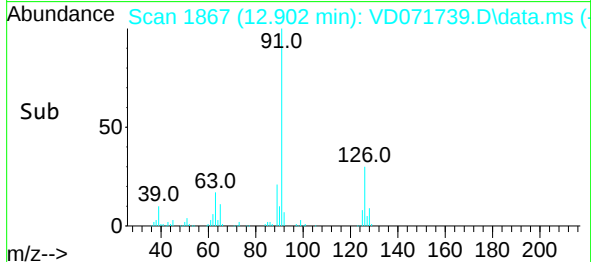
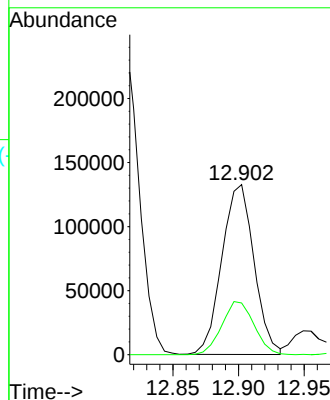
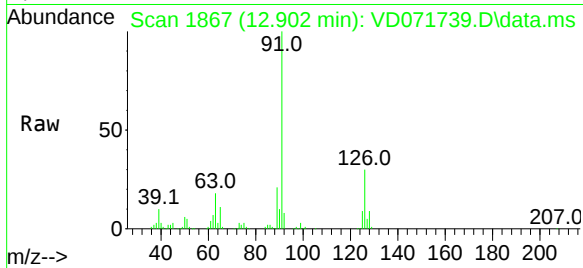




#79
2-Chlorotoluene
Concen: 20.382 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

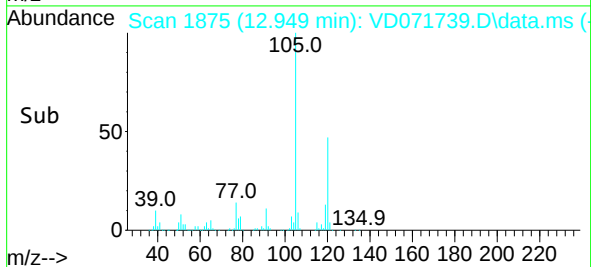
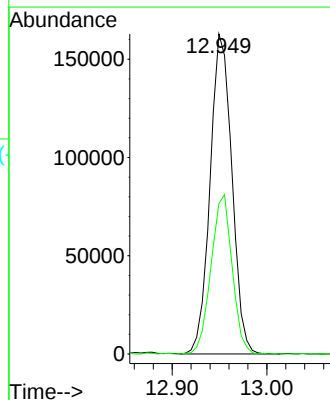
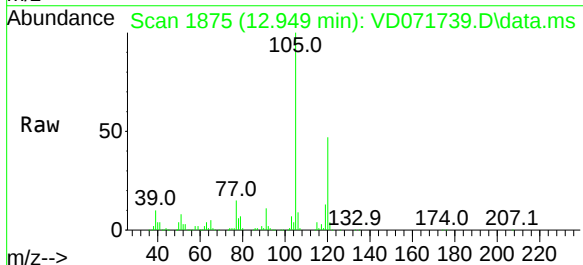
Instrument :
MSVOA_D
ClientSampleId :

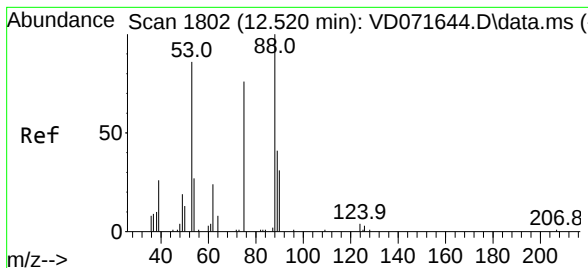
Tgt Ion: 91 Resp: 226626
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 19.877 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 105 Resp: 260519
Ion Ratio Lower Upper
105 100
120 48.2 24.2 72.6

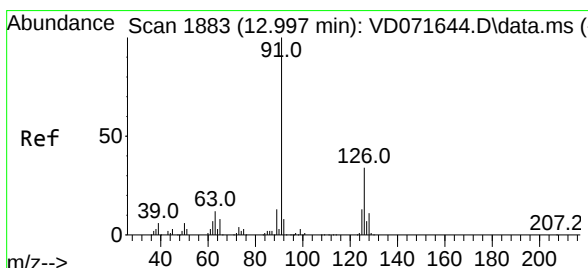
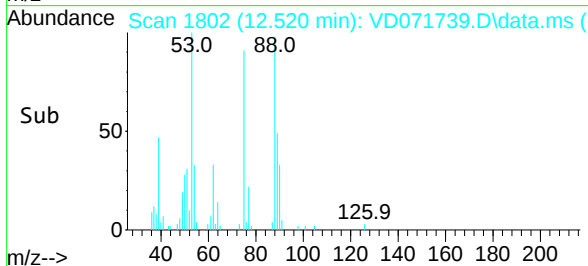
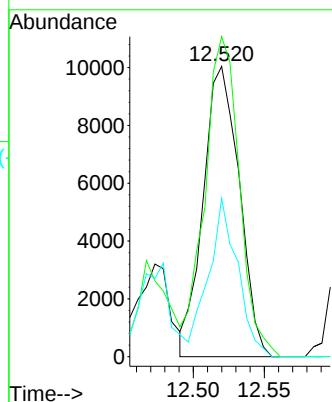
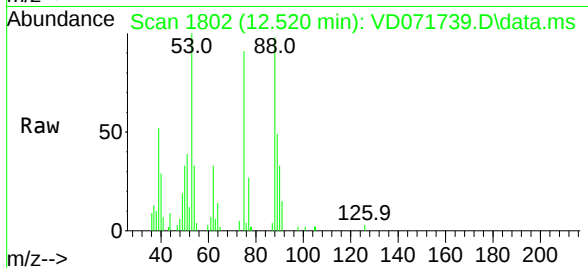




#81
trans-1,4-Dichloro-2-butene
Concen: 23.445 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

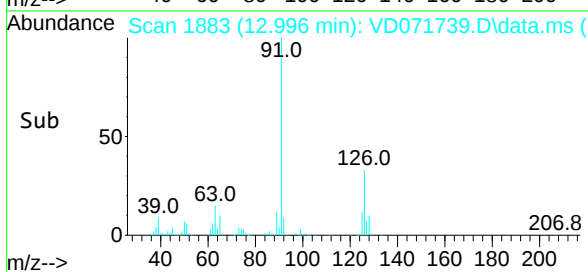
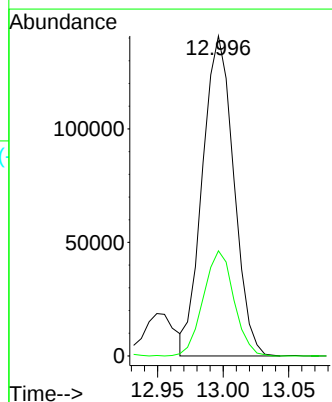
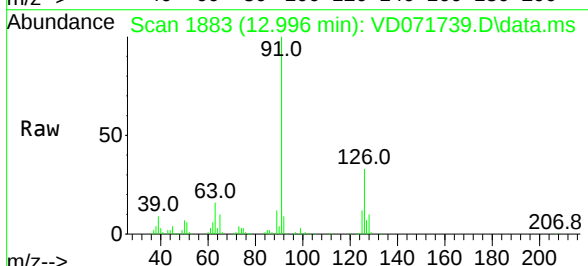
Instrument :
MSVOA_D
ClientSampleId :

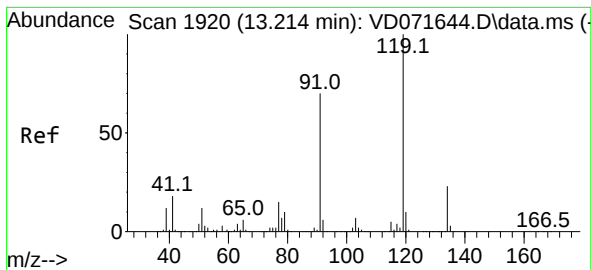
Tgt Ion: 75 Resp: 17738
Ion Ratio Lower Upper
75 100
53 105.8 95.4 143.0
89 43.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.273 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 91 Resp: 233863
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3

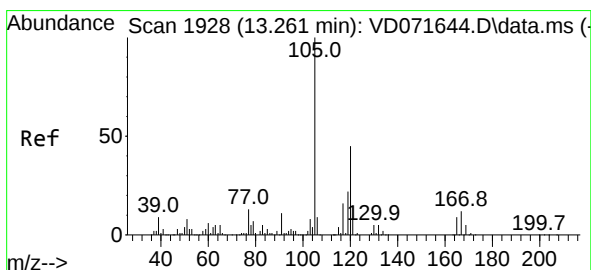
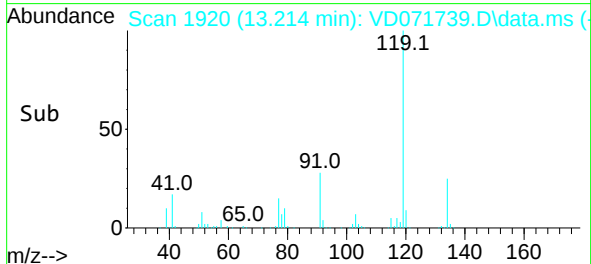
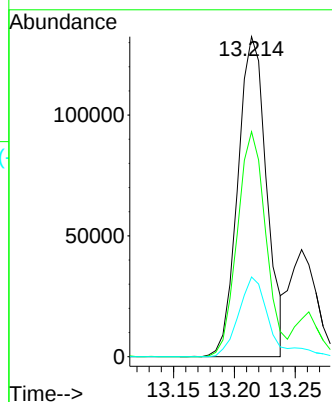
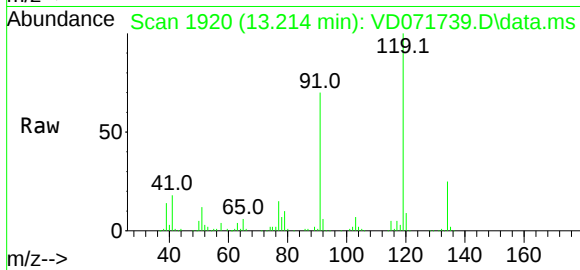




#83
tert-Butylbenzene
Concen: 19.477 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

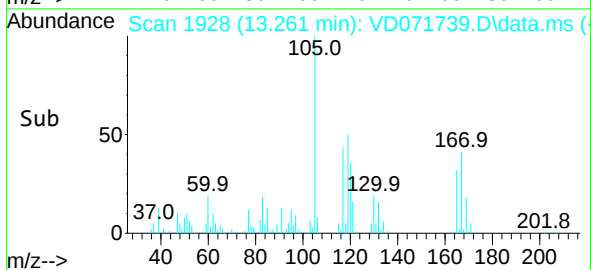
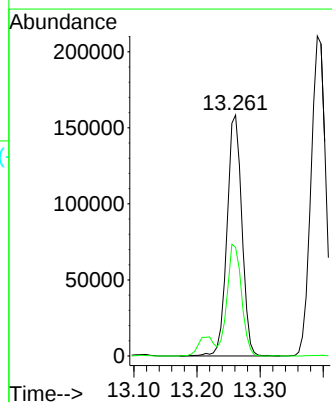
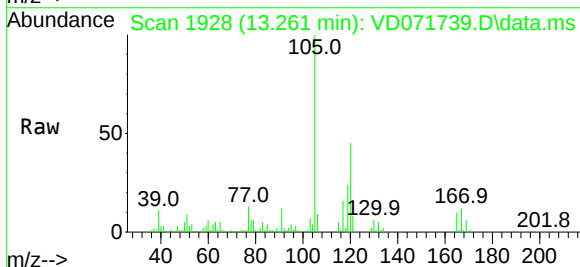
Instrument :
MSVOA_D
ClientSampleId :

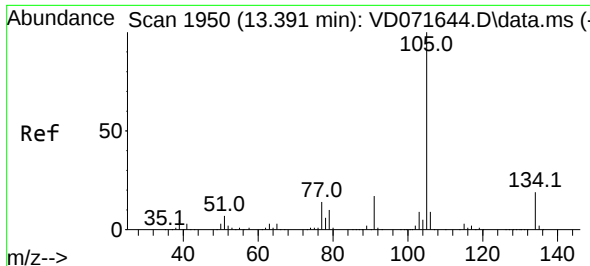
Tgt Ion:119 Resp: 218130
Ion Ratio Lower Upper
119 100
91 69.9 35.6 106.8
134 26.7 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 19.903 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion:105 Resp: 257969
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.9

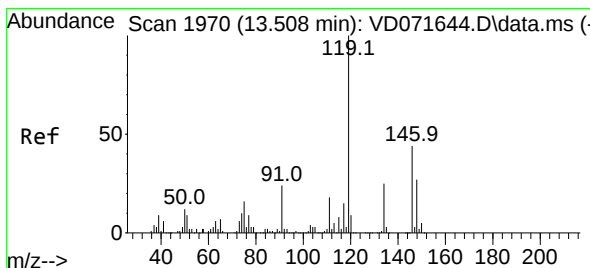
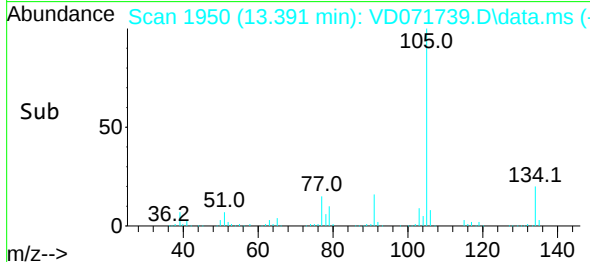
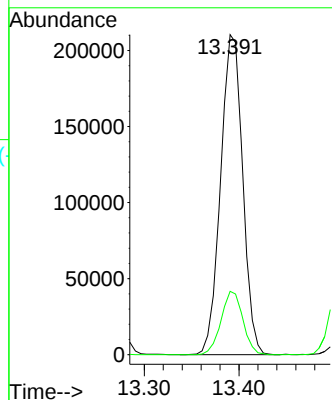
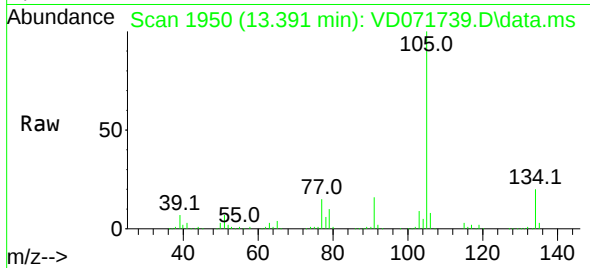




#85
 sec-Butylbenzene
 Concen: 19.883 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.001 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

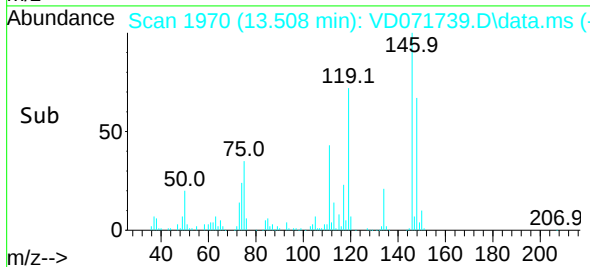
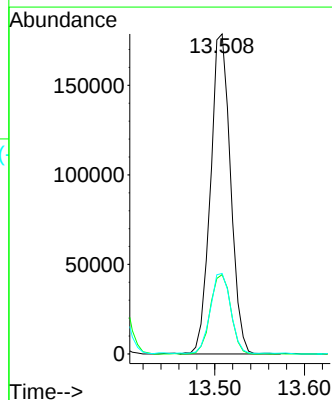
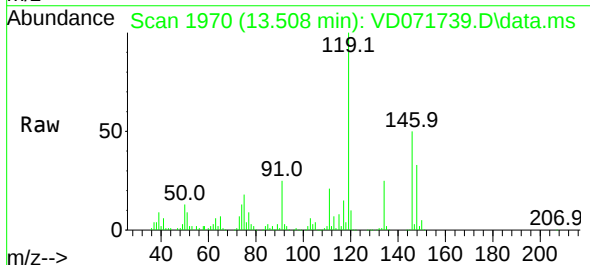
Instrument :
 MSVOA_D
 ClientSampleId :

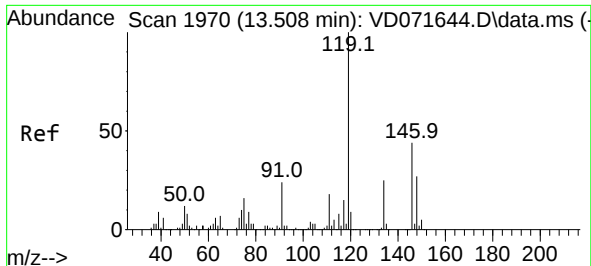
Tgt Ion:105 Resp: 341067
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.678 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

Tgt Ion:119 Resp: 277139
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 25.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.499 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. 0.000 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

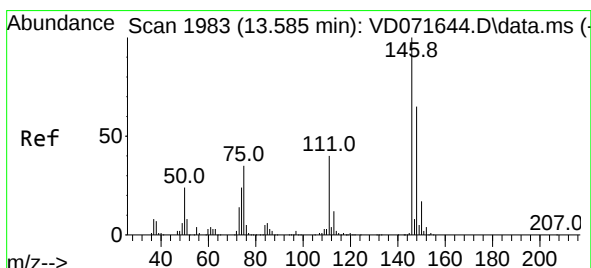
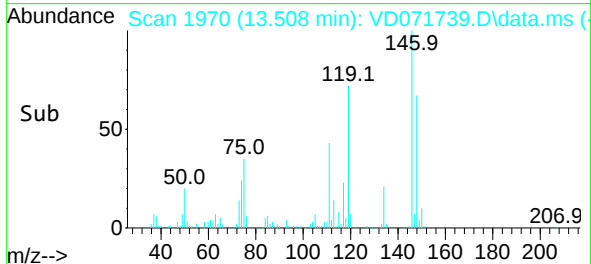
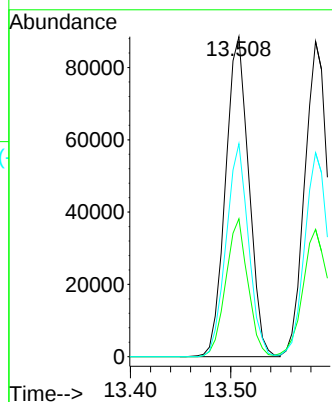
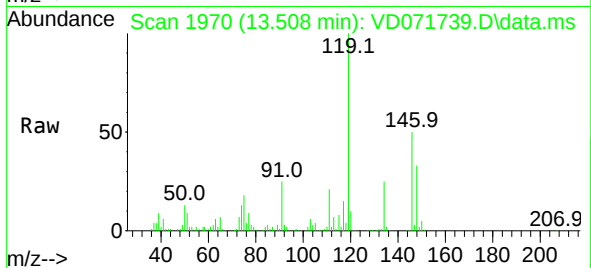
Tgt Ion:146 Resp: 143345

Ion Ratio Lower Upper

146 100

111 40.9 20.8 62.5

148 64.0 31.3 93.8



#88

1,4-Dichlorobenzene

Concen: 19.814 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.001 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

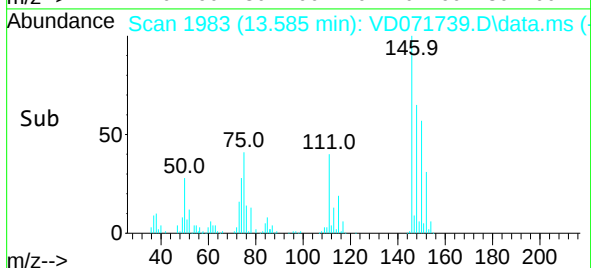
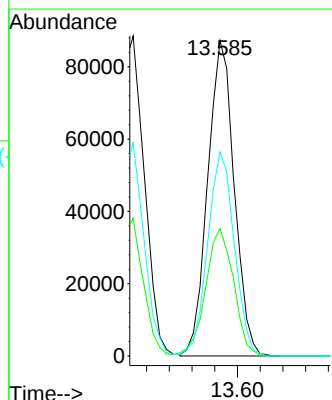
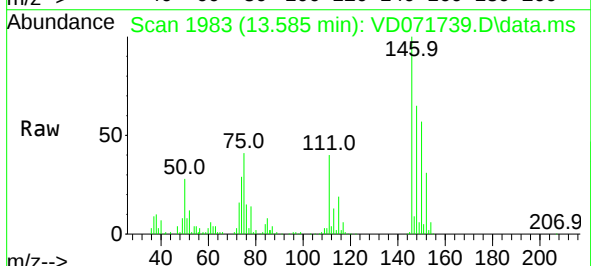
Tgt Ion:146 Resp: 141350

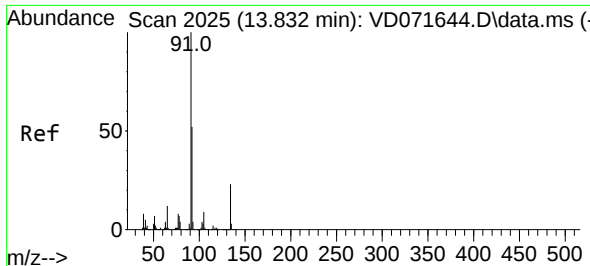
Ion Ratio Lower Upper

146 100

111 42.6 20.7 62.1

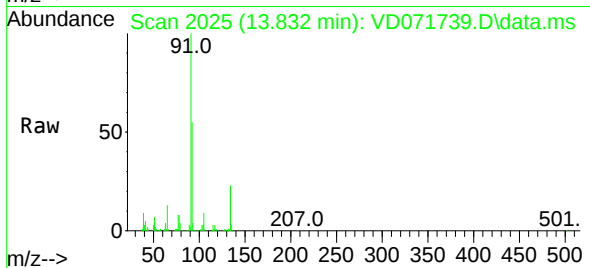
148 65.2 32.3 96.9



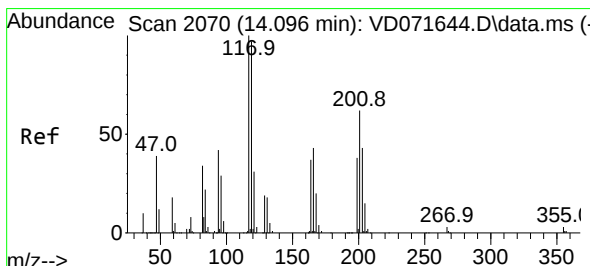
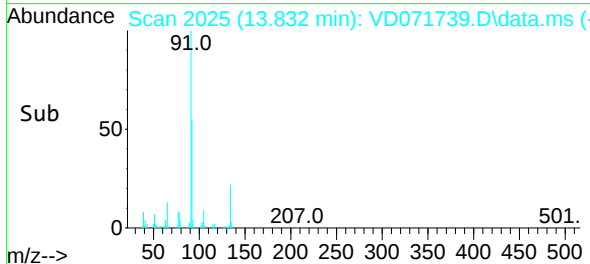
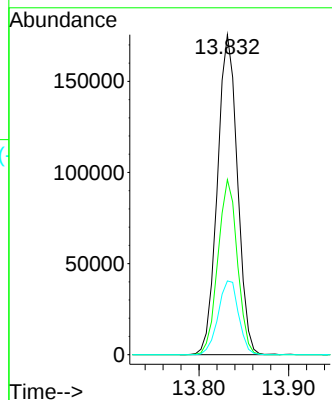


#89
n-Butylbenzene
Concen: 19.296 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.001 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Instrument :
MSVOA_D
ClientSampleId :

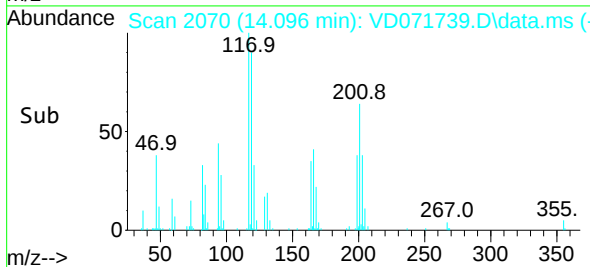
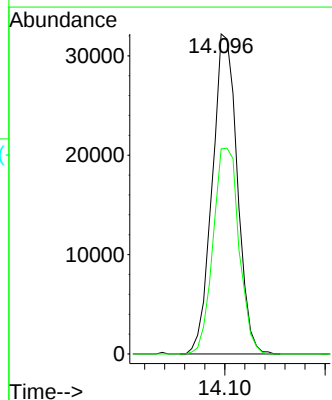
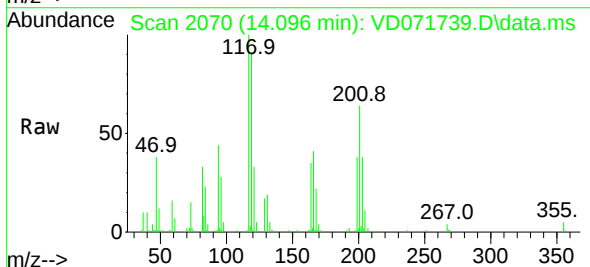


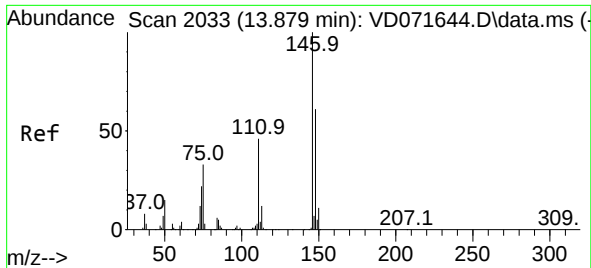
Tgt Ion: 91 Resp: 272148
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 23.5 12.1 36.3



#90
Hexachloroethane
Concen: 20.003 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion: 117 Resp: 55738
Ion Ratio Lower Upper
117 100
201 66.7 32.1 96.5

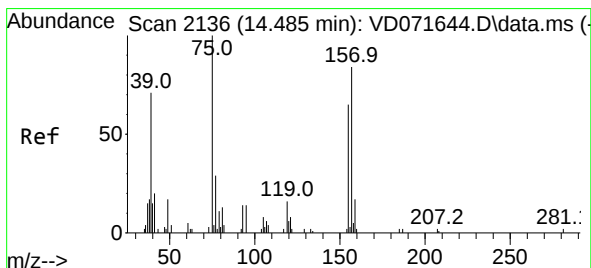
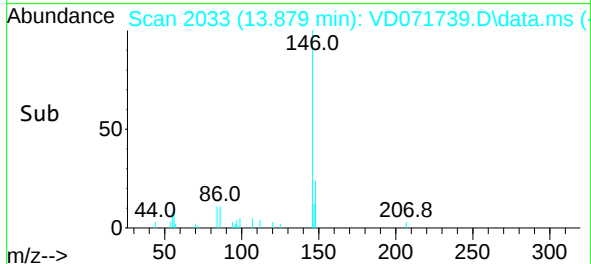
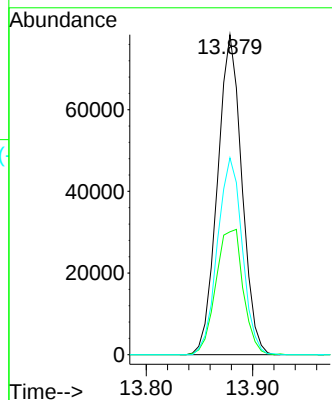
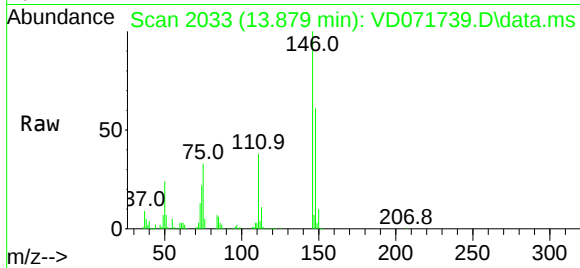




#91
 1,2-Dichlorobenzene
 Concen: 20.783 ug/l
 RT: 13.879 min Scan# 2033
 Delta R.T. 0.001 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

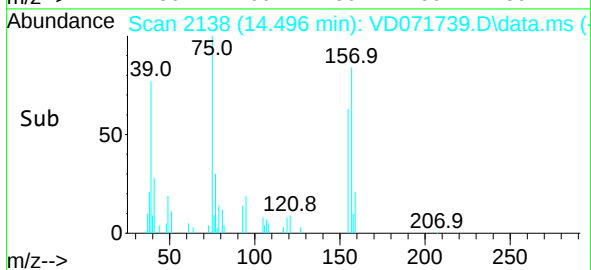
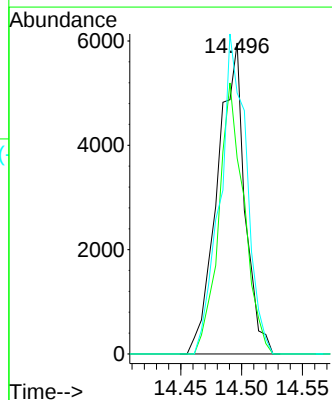
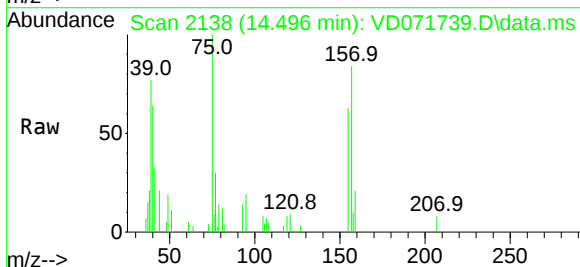
Instrument :
 MSVOA_D
 ClientSampleId :

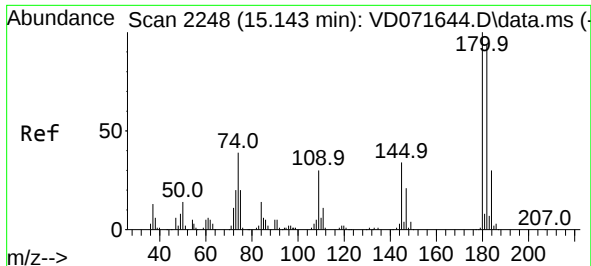
Tgt Ion:146 Resp: 124551
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.8 65.3
 148 62.5 31.3 93.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.852 ug/l
 RT: 14.496 min Scan# 2138
 Delta R.T. 0.006 min
 Lab File: VD071739.D
 Acq: 19 Jan 2022 12:02

Tgt Ion: 75 Resp: 9316
 Ion Ratio Lower Upper
 75 100
 155 79.9 35.4 106.1
 157 99.9 44.9 134.5





#93

1,2,4-Trichlorobenzene

Concen: 20.697 ug/l

RT: 15.149 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

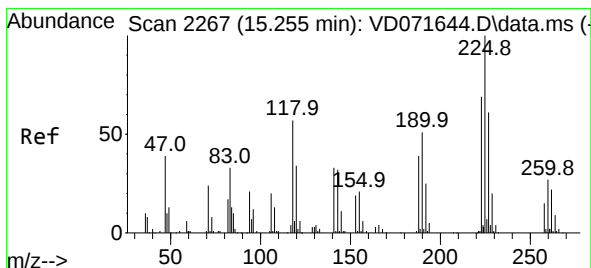
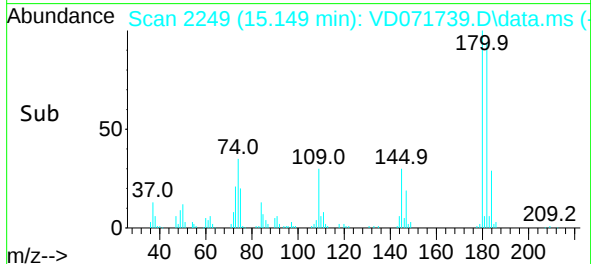
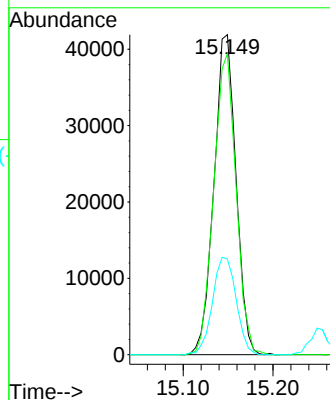
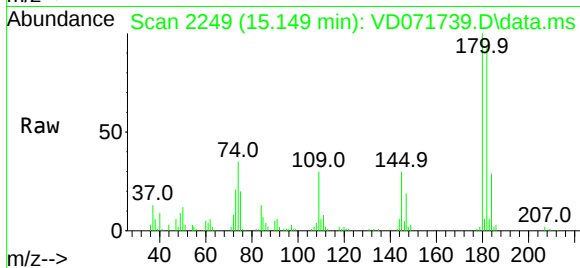
Tgt Ion:180 Resp: 71483

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 32.7 16.4 49.4



#94

Hexachlorobutadiene

Concen: 19.607 ug/l

RT: 15.255 min Scan# 2267

Delta R.T. 0.006 min

Lab File: VD071739.D

Acq: 19 Jan 2022 12:02

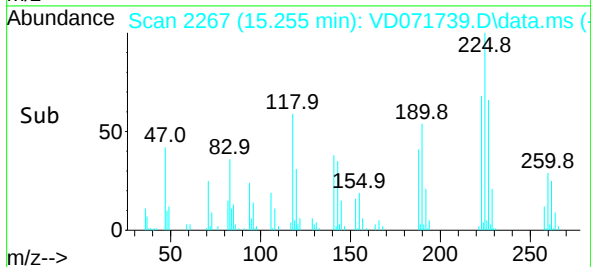
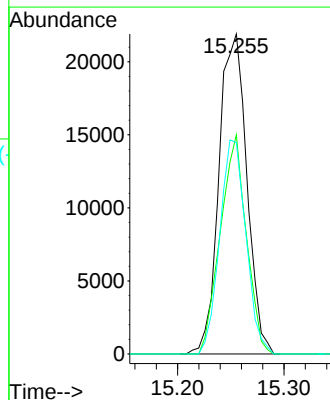
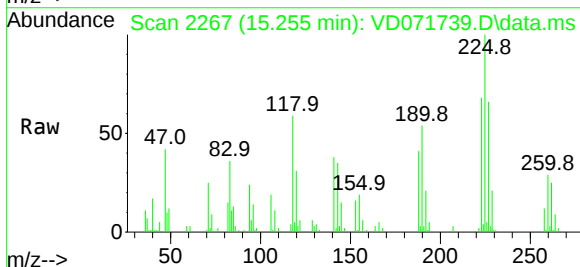
Tgt Ion:225 Resp: 39699

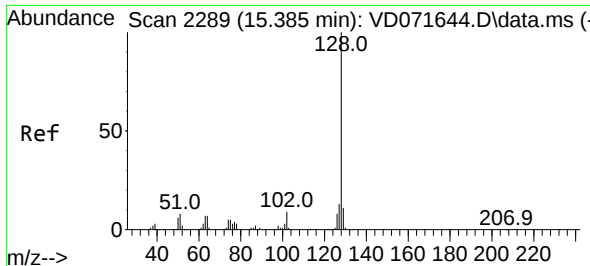
Ion Ratio Lower Upper

225 100

223 63.9 31.3 93.9

227 63.0 31.4 94.3

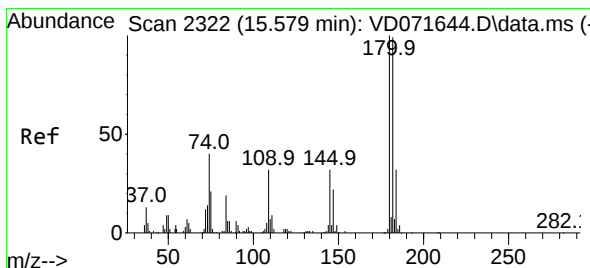
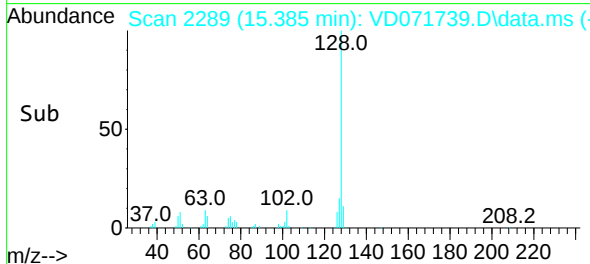
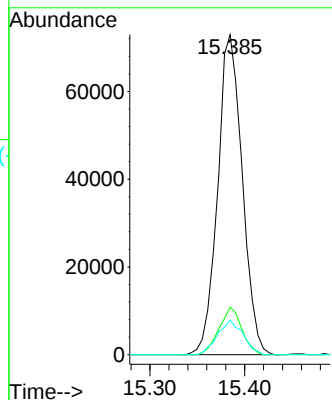
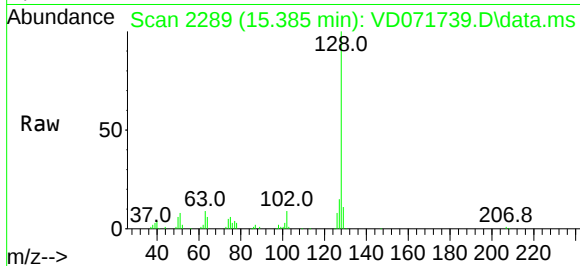




#95
Naphthalene
Concen: 21.524 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 131617
Ion Ratio Lower Upper
128 100
127 13.8 10.9 16.3
129 11.2 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 20.719 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.001 min
Lab File: VD071739.D
Acq: 19 Jan 2022 12:02

Tgt Ion:180 Resp: 60975
Ion Ratio Lower Upper
180 100
182 96.5 47.0 141.2
145 34.7 16.4 49.2

