

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073954.D
 Acq On : 04 Aug 2022 15:42
 Operator : VA/SY
 Sample : VD0804SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 05 07:53:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	149274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	250146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	231721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	117288	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	63694	52.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.100%	
35) Dibromofluoromethane	7.902	113	70648	45.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.920%	
50) Toluene-d8	10.332	98	219967	42.016	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.040%	
62) 4-Bromofluorobenzene	12.620	95	88463	45.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.900%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	24764	18.403	ug/l	96
3) Chloromethane	2.209	50	33023	17.410	ug/l	99
4) Vinyl Chloride	2.344	62	46699	19.965	ug/l	95
5) Bromomethane	2.750	94	32056	19.406	ug/l	98
6) Chloroethane	2.914	64	34474	20.956	ug/l	96
7) Trichlorofluoromethane	3.267	101	49439	19.716	ug/l	100
8) Diethyl Ether	3.703	74	11563	18.322	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	29864	20.091	ug/l	99
10) Methyl Iodide	4.297	142	24693	15.192	ug/l	98
11) Tert butyl alcohol	5.208	59	16917	189.274	ug/l #	75
12) 1,1-Dichloroethene	4.061	96	24210	18.382	ug/l	96
13) Acrolein	3.926	56	3858	63.558	ug/l #	55
14) Allyl chloride	4.703	41	33051	18.561	ug/l	97
15) Acrylonitrile	5.414	53	28144	104.169	ug/l	99
16) Acetone	4.156	43	24684	87.674	ug/l	97
17) Carbon Disulfide	4.403	76	55931	15.070	ug/l	99
18) Methyl Acetate	4.709	43	15214	20.502	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	62228	19.516	ug/l	95
20) Methylene Chloride	4.950	84	41978	14.883	ug/l #	89
21) trans-1,2-Dichloroethene	5.461	96	27178	17.315	ug/l	94
22) Diisopropyl ether	6.355	45	73818	19.093	ug/l	97
23) Vinyl Acetate	6.297	43	197320	96.567	ug/l	98
24) 1,1-Dichloroethane	6.255	63	50710	19.390	ug/l	97
25) 2-Butanone	7.208	43	37032	101.647	ug/l	98
26) 2,2-Dichloropropane	7.202	77	51616	19.519	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	32846	18.588	ug/l	94
28) Bromochloromethane	7.544	49	17155	19.657	ug/l	99
29) Tetrahydrofuran	7.555	42	21825	102.526	ug/l	97
30) Chloroform	7.702	83	59848	20.083	ug/l	99
31) Cyclohexane	7.979	56	38360	16.595	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	56368	19.866	ug/l	98
36) 1,1-Dichloropropene	8.102	75	40051	18.093	ug/l	99
37) Ethyl Acetate	7.291	43	16004	19.413	ug/l	98
38) Carbon Tetrachloride	8.085	117	47157	19.017	ug/l	98
39) Methylcyclohexane	9.344	83	40497	15.608	ug/l	96
40) Benzene	8.344	78	112000	18.439	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	8996	18.903	ug/l #	82
42) 1,2-Dichloroethane	8.414	62	37465	20.096	ug/l	100
43) Isopropyl Acetate	8.444	43	32427	19.864	ug/l	98
44) Trichloroethene	9.102	130	32004	17.490	ug/l	91
45) 1,2-Dichloropropane	9.379	63	27551	18.850	ug/l	93
46) Dibromomethane	9.461	93	18737	19.932	ug/l	94
47) Bromodichloromethane	9.649	83	47295	20.310	ug/l #	98
48) Methyl methacrylate	9.449	41	13568	17.810	ug/l #	88
49) 1,4-Dioxane	9.444	88	3999	403.631	ug/l #	91
51) 4-Methyl-2-Pentanone	10.220	43	85407	104.789	ug/l	97
52) Toluene	10.391	92	73565	17.799	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	40015	18.667	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	45420	18.716	ug/l	95
55) 1,1,2-Trichloroethane	10.785	97	24220	20.031	ug/l	96
56) Ethyl methacrylate	10.649	69	26728	19.415	ug/l	99
57) 1,3-Dichloropropane	10.938	76	38781	19.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	49008	93.026	ug/l	99
59) 2-Hexanone	10.973	43	56587	102.600	ug/l	96
60) Dibromochloromethane	11.126	129	32275	19.784	ug/l	99
61) 1,2-Dibromoethane	11.232	107	23257	18.977	ug/l	92
64) Tetrachloroethene	10.867	164	26351	15.979	ug/l	97
65) Chlorobenzene	11.655	112	83608	18.201	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	32796	18.638	ug/l	94
67) Ethyl Benzene	11.732	91	143491	17.685	ug/l	97
68) m/p-Xylenes	11.843	106	113185	35.190	ug/l	98
69) o-Xylene	12.167	106	52142	17.309	ug/l	99
70) Styrene	12.185	104	90413	17.769	ug/l	99
71) Bromoform	12.343	173	19074	19.736	ug/l #	96
73) Isopropylbenzene	12.467	105	143439	17.736	ug/l	97
74) N-amyl acetate	12.273	43	31046	19.170	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	28821	20.920	ug/l	94
76) 1,2,3-Trichloropropane	12.767	75	34674	38.653	ug/l #	100
77) Bromobenzene	12.749	156	34439	18.090	ug/l	97
78) n-propylbenzene	12.802	91	176336	17.930	ug/l	98
79) 2-Chlorotoluene	12.890	91	99933	17.763	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	123873	18.029	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	8410	20.572	ug/l	98
82) 4-Chlorotoluene	12.990	91	106447	18.050	ug/l	100
83) tert-Butylbenzene	13.208	119	103763	17.345	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	120521	17.756	ug/l	100
85) sec-Butylbenzene	13.385	105	161948	17.891	ug/l	98
86) p-Isopropyltoluene	13.502	119	133782	17.595	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	70750	17.796	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	70936	18.013	ug/l	97
89) n-Butylbenzene	13.826	91	128052	18.264	ug/l	97
90) Hexachloroethane	14.090	117	26269	18.853	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	63934	18.809	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	4958	21.129	ug/l	88
93) 1,2,4-Trichlorobenzene	15.137	180	36117	17.087	ug/l	95
94) Hexachlorobutadiene	15.243	225	20693	18.020	ug/l	99
95) Naphthalene	15.379	128	67386	17.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	32878	17.995	ug/l	92

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Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration

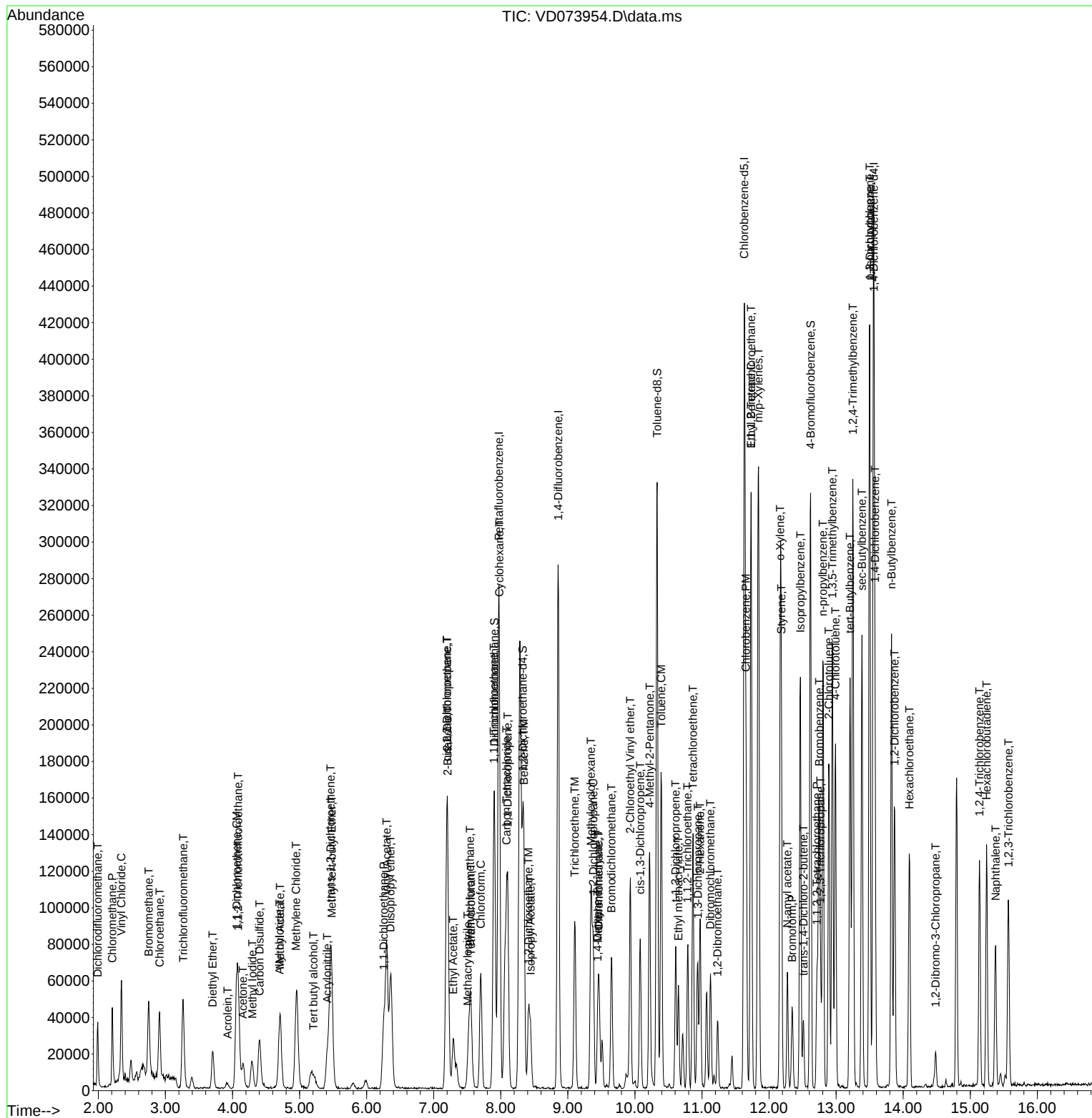
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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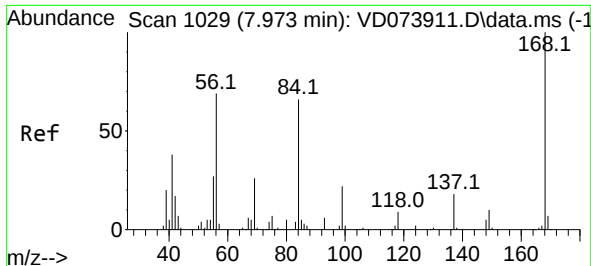
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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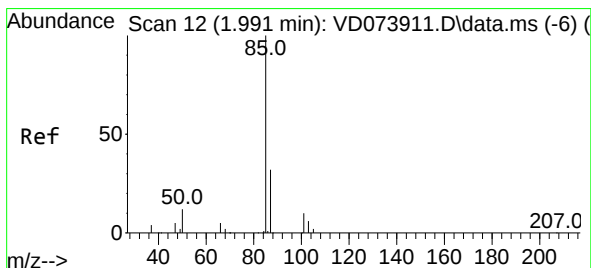
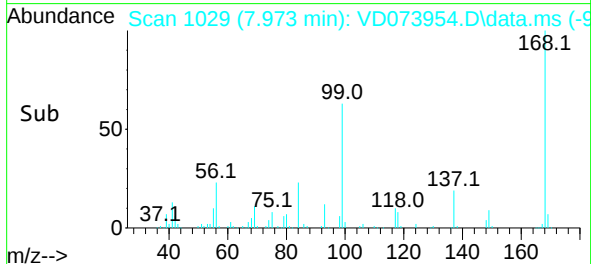
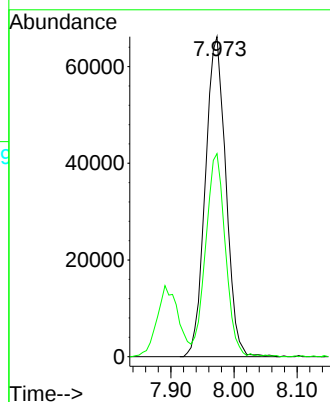
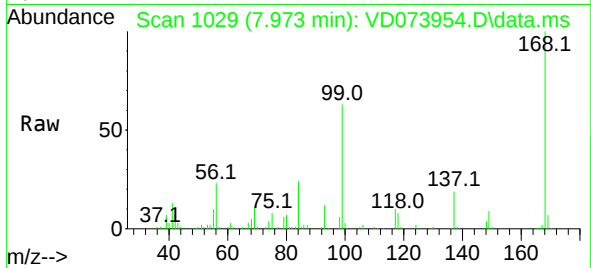




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073954.D
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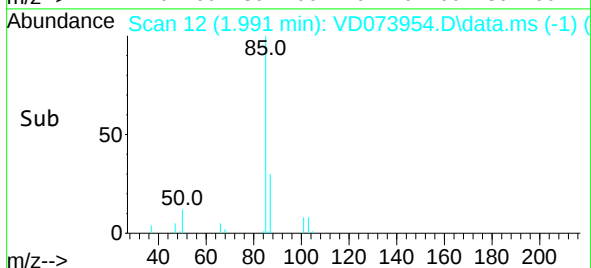
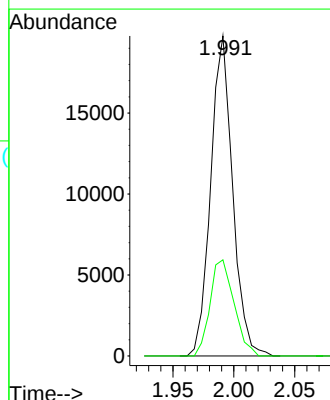
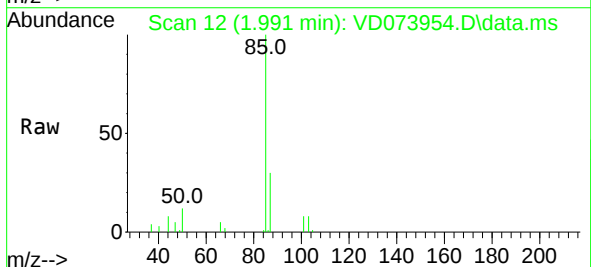
Instrument :
MSVOA_D
ClientSampleId :

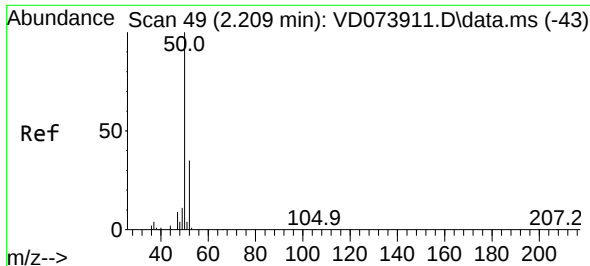
Tgt Ion:168 Resp: 149274
Ion Ratio Lower Upper
168 100
99 63.4 52.2 78.4



#2
Dichlorodifluoromethane
Concen: 18.403 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 85 Resp: 24764
Ion Ratio Lower Upper
85 100
87 30.0 16.1 48.2

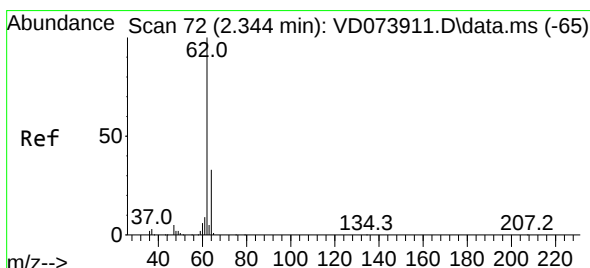
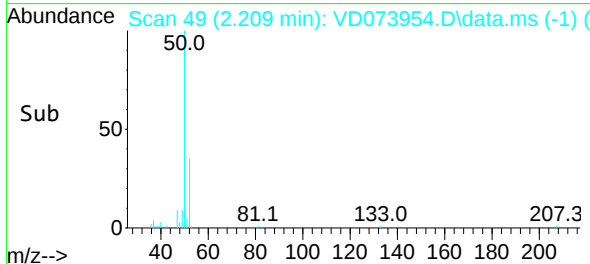
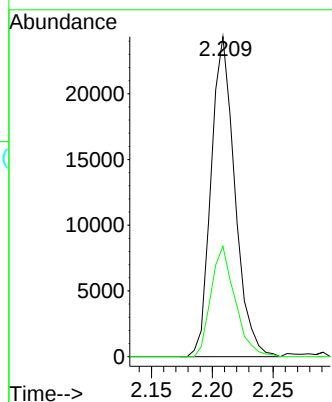
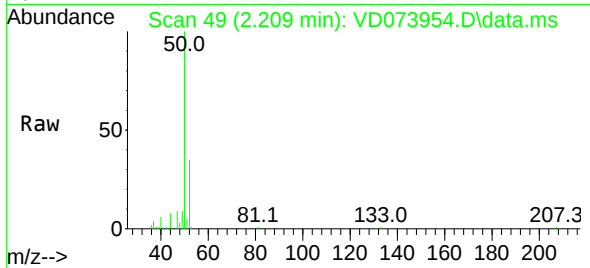




#3
Chloromethane
Concen: 17.410 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

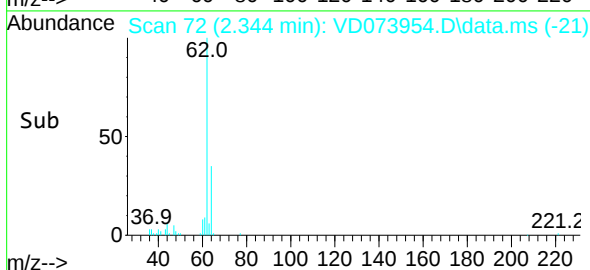
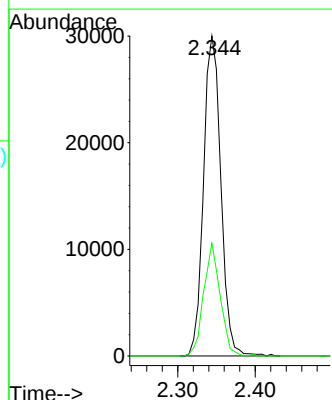
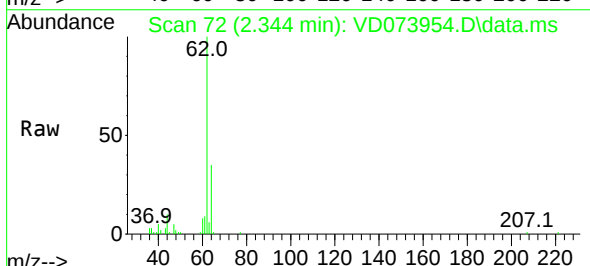
Instrument :
MSVOA_D
ClientSampleId :

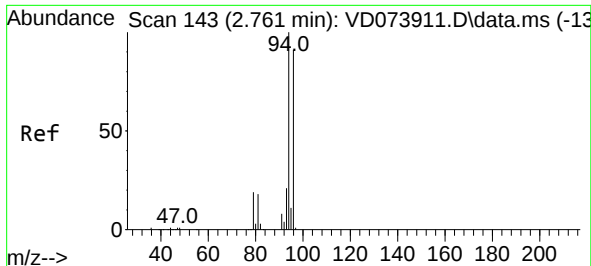
Tgt Ion: 50 Resp: 33023
Ion Ratio Lower Upper
50 100
52 34.5 28.2 42.2



#4
Vinyl Chloride
Concen: 19.965 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

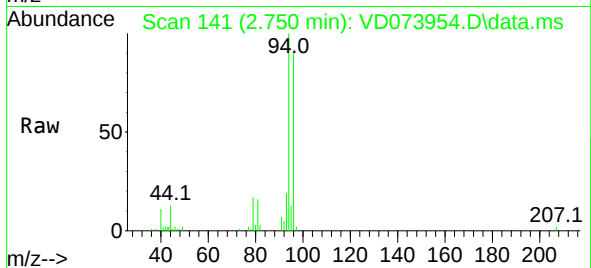
Tgt Ion: 62 Resp: 46699
Ion Ratio Lower Upper
62 100
64 35.2 26.1 39.1



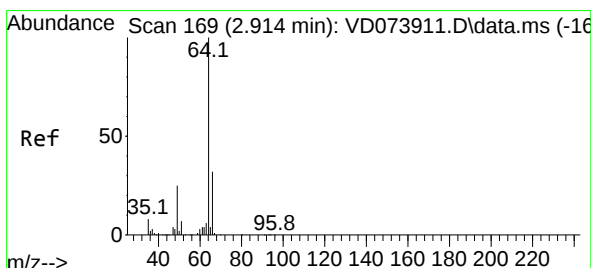
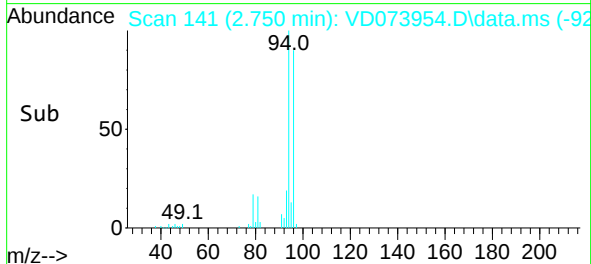
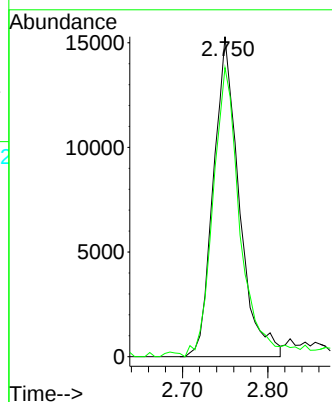


#5
Bromomethane
Concen: 19.406 ug/l
RT: 2.750 min Scan# 143
Delta R.T. -0.012 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

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ClientSampleId :

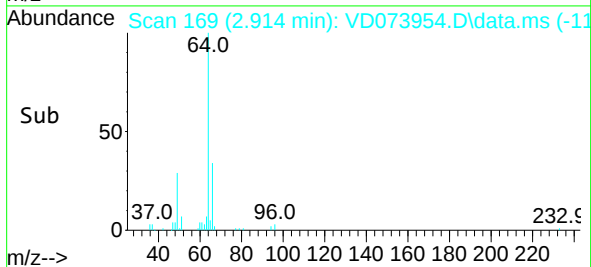
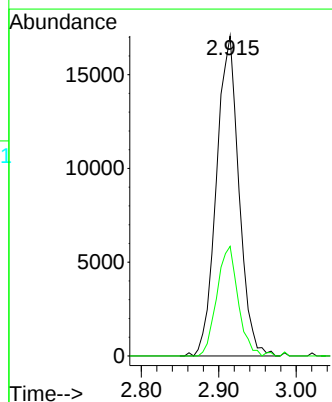
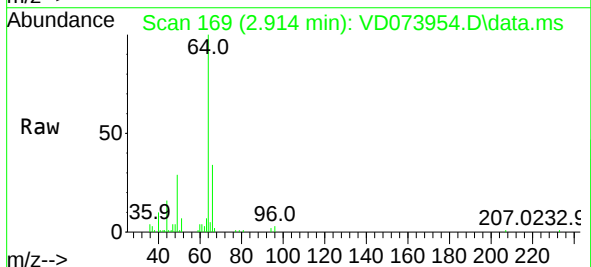


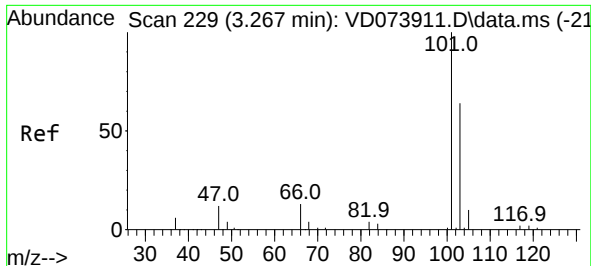
Tgt Ion: 94 Resp: 32056
Ion Ratio Lower Upper
94 100
96 89.3 72.7 109.1



#6
Chloroethane
Concen: 20.956 ug/l
RT: 2.914 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

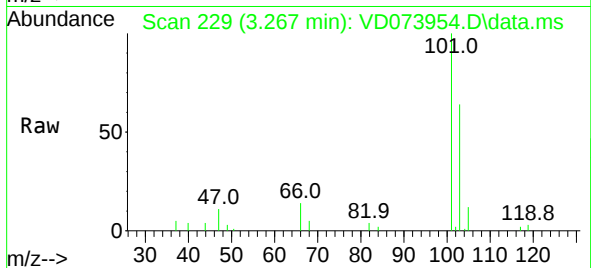
Tgt Ion: 64 Resp: 34474
Ion Ratio Lower Upper
64 100
66 34.2 25.8 38.6



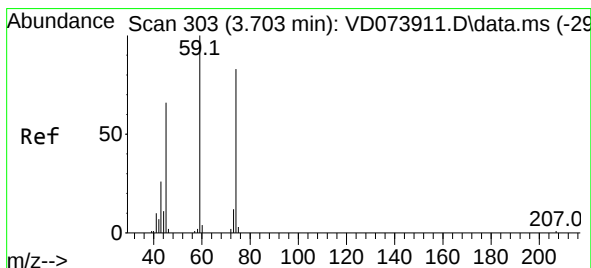
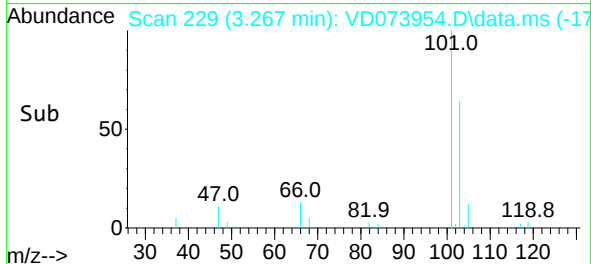
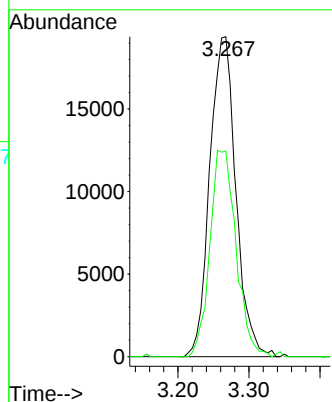


#7
 Trichlorofluoromethane
 Concen: 19.716 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

Instrument :
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 ClientSampleId :

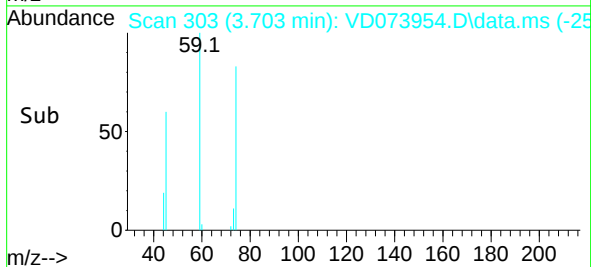
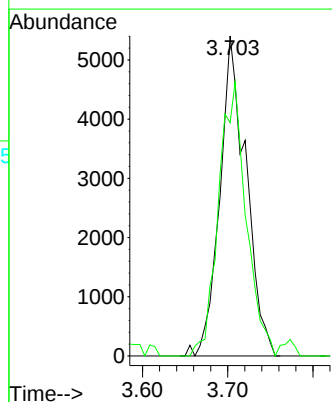
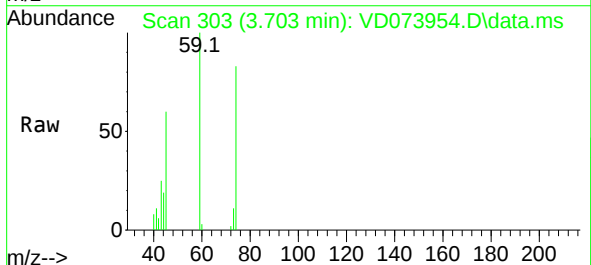


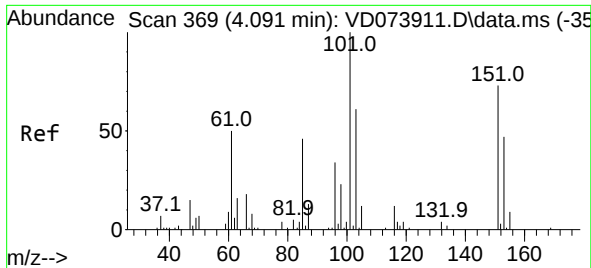
Tgt Ion:101 Resp: 49439
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.322 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

Tgt Ion: 74 Resp: 11563
 Ion Ratio Lower Upper
 74 100
 45 90.0 42.4 127.3

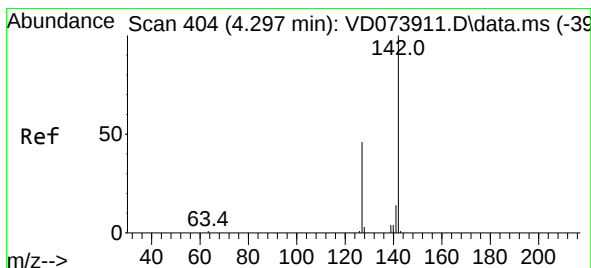
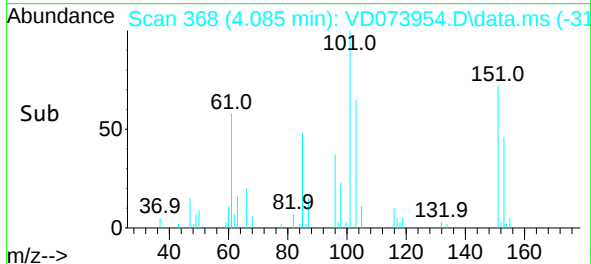
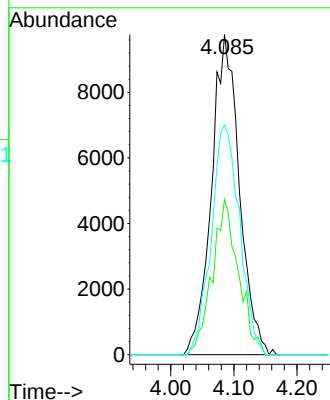
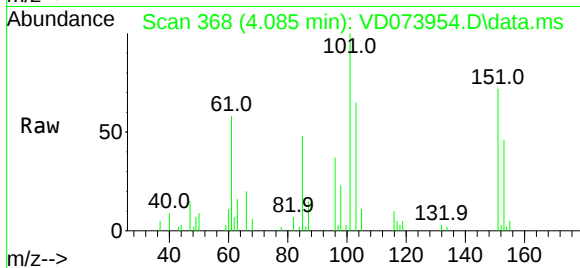




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.091 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

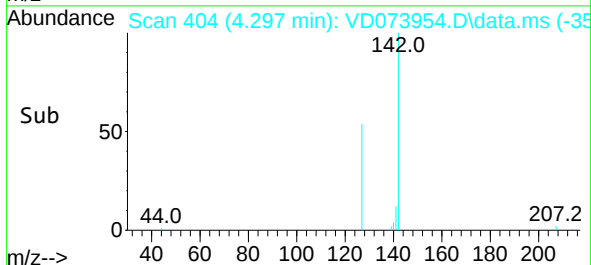
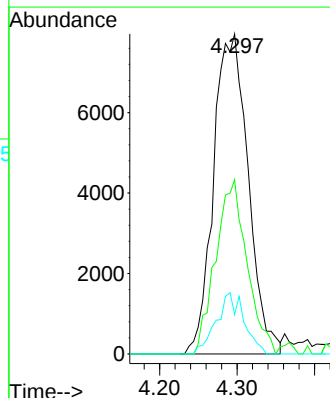
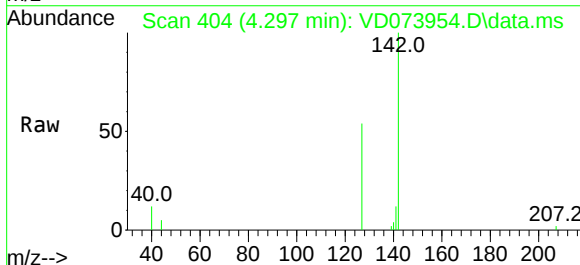
Instrument :
MSVOA_D
ClientSampleId :

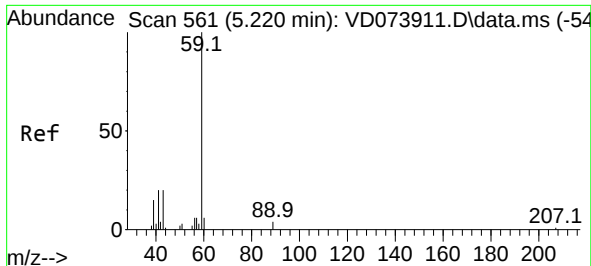
Tgt Ion:101 Resp: 29864
Ion Ratio Lower Upper
101 100
85 45.9 36.5 54.7
151 73.0 58.9 88.3



#10
Methyl Iodide
Concen: 15.192 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

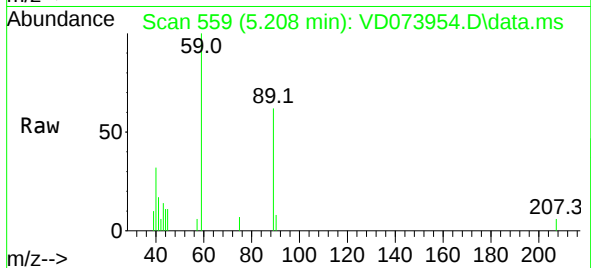
Tgt Ion:142 Resp: 24693
Ion Ratio Lower Upper
142 100
127 49.2 38.3 57.5
141 15.3 11.5 17.3



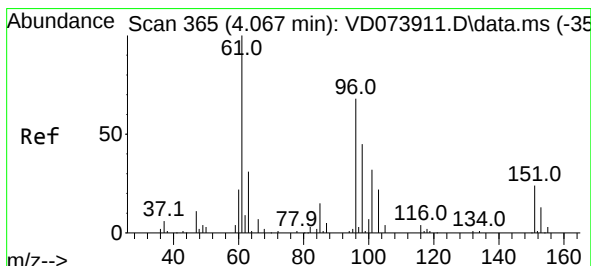
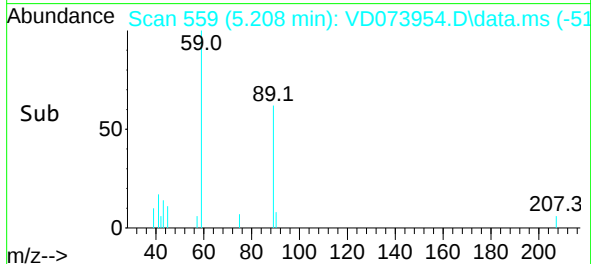
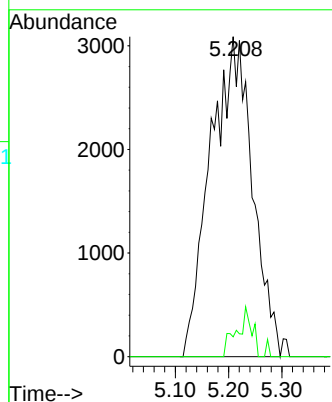


#11
Tert butyl alcohol
Concen: 189.274 ug/l
RT: 5.208 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Instrument :
MSVOA_D
ClientSampleId :

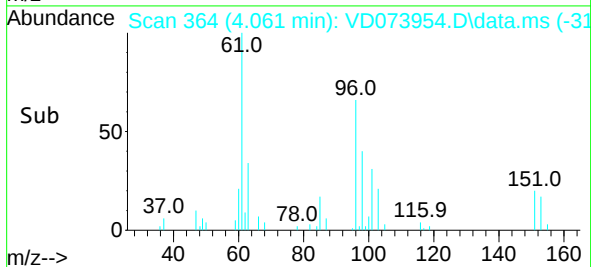
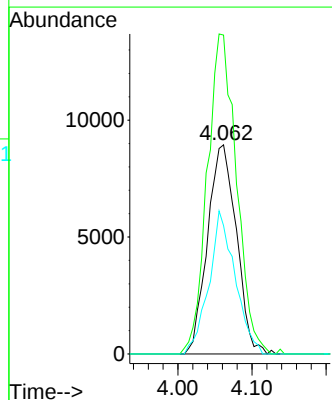
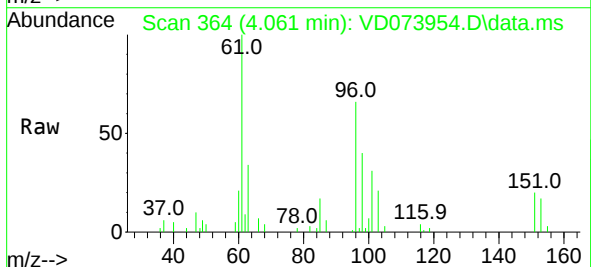


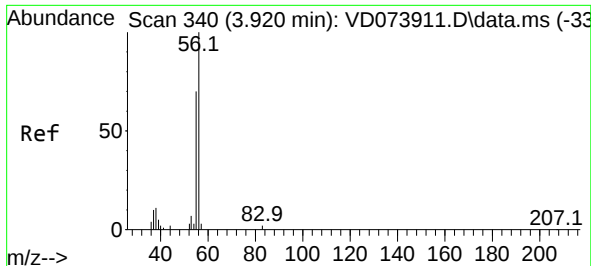
Tgt Ion: 59 Resp: 16917
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#12
1,1-Dichloroethene
Concen: 18.382 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 96 Resp: 24210
Ion Ratio Lower Upper
96 100
61 152.5 118.5 177.7
98 61.4 53.2 79.8

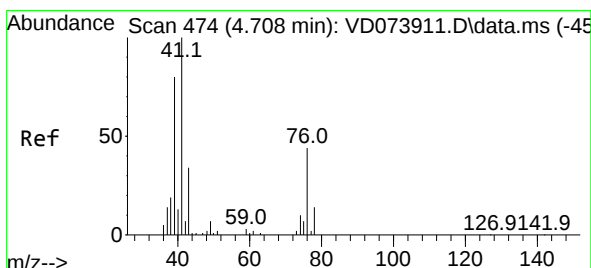
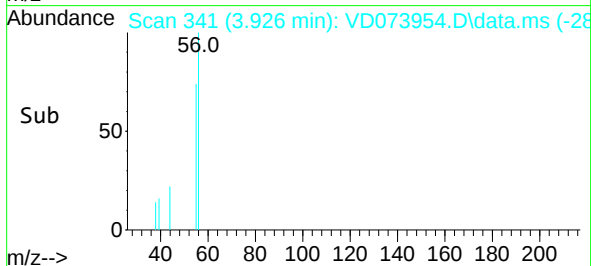
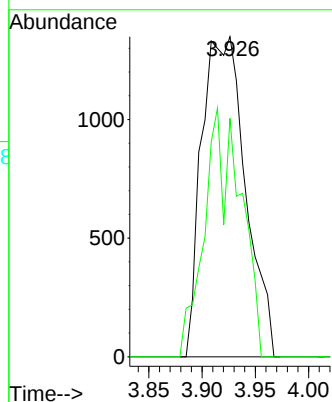
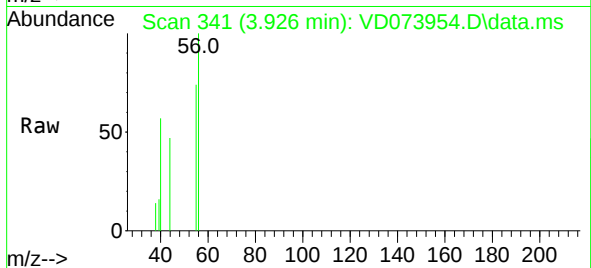




#13
Acrolein
Concen: 63.558 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

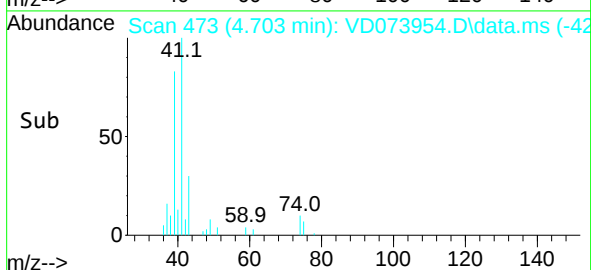
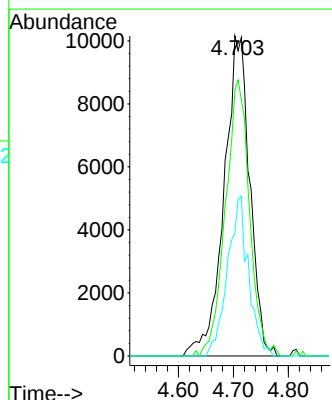
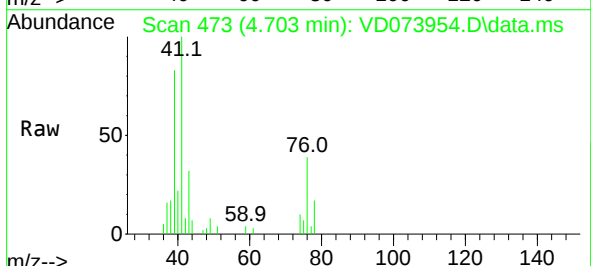
Instrument :
MSVOA_D
ClientSampleId :

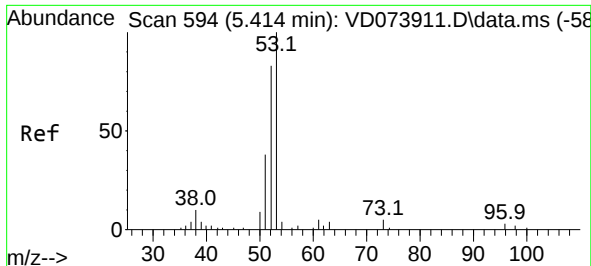
Tgt Ion: 56 Resp: 3858
Ion Ratio Lower Upper
56 100
55 34.9 58.4 87.6#



#14
Allyl chloride
Concen: 18.561 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 41 Resp: 33051
Ion Ratio Lower Upper
41 100
39 80.6 62.6 94.0
76 40.8 33.9 50.9

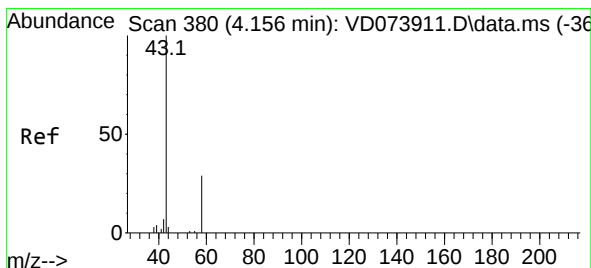
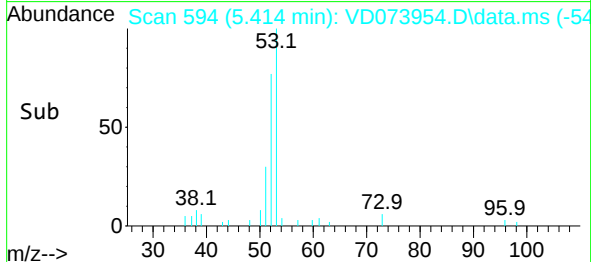
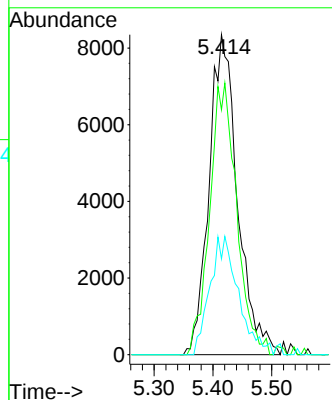
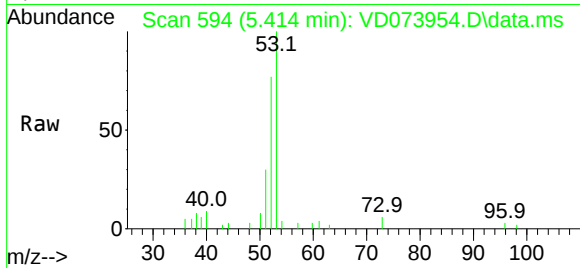




#15
Acrylonitrile
Concen: 104.169 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

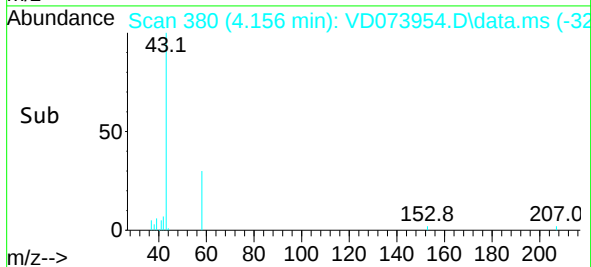
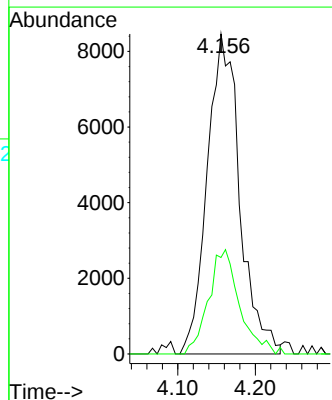
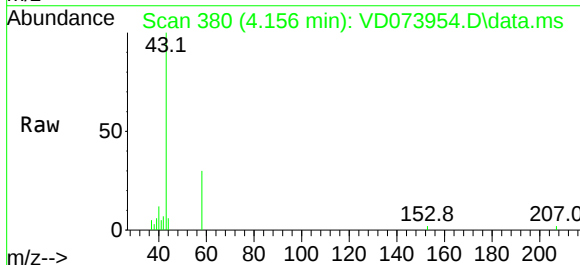
Instrument :
MSVOA_D
ClientSampleId :

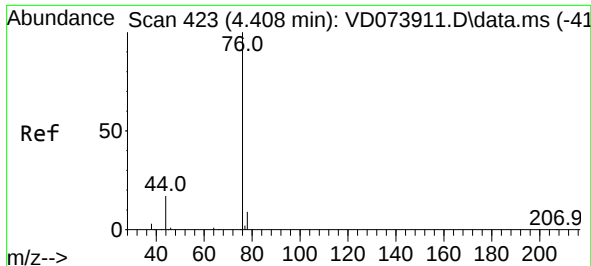
Tgt Ion: 53	Resp:	28144	
Ion Ratio	Lower	Upper	
53	100		
52	80.7	65.5	98.3
51	36.9	30.4	45.6



#16
Acetone
Concen: 87.674 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

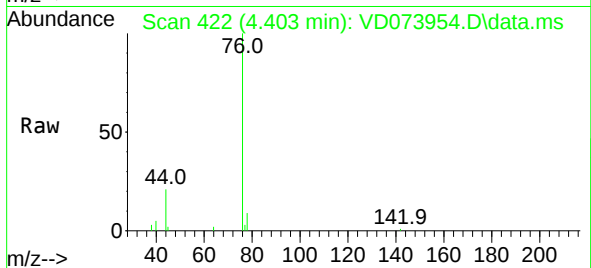
Tgt Ion: 43	Resp: 24684
Ion Ratio	Lower Upper
43 100	
58 30.2	23.0 34.6



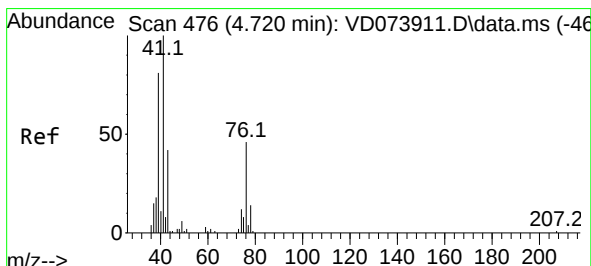
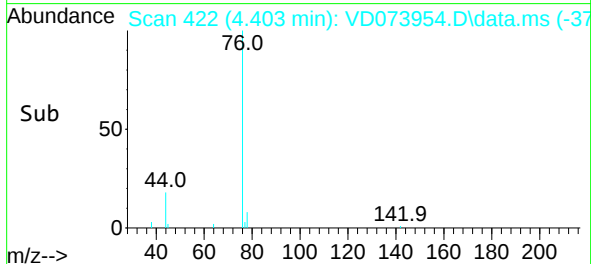
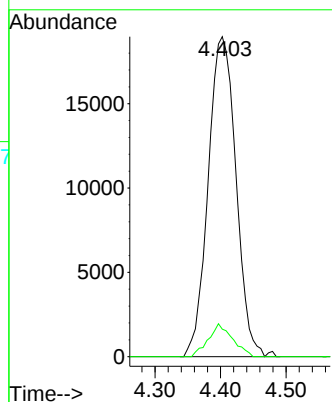


#17
Carbon Disulfide
Concen: 15.070 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Instrument :
MSVOA_D
ClientSampleId :

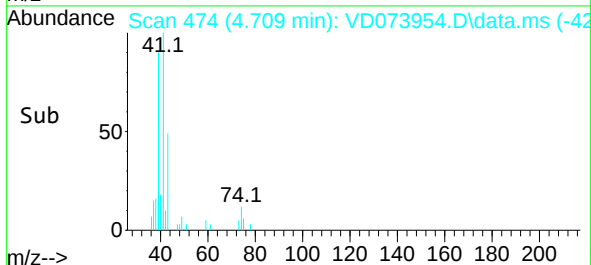
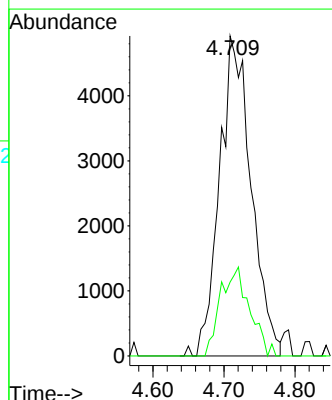
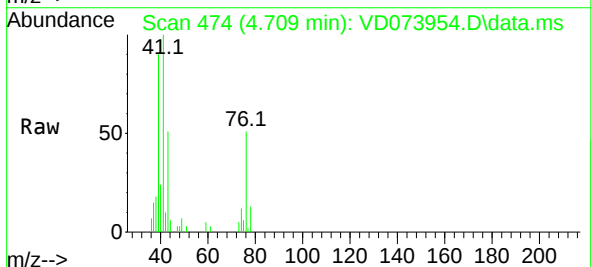


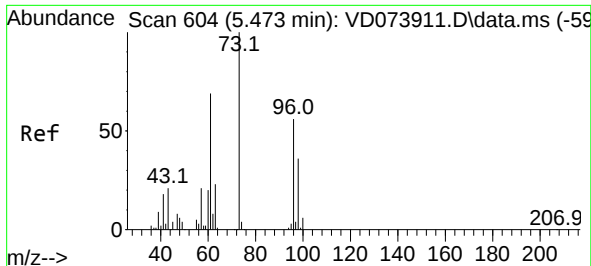
Tgt Ion: 76 Resp: 55931
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 20.502 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 43 Resp: 15214
Ion Ratio Lower Upper
43 100
74 25.6 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 19.516 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

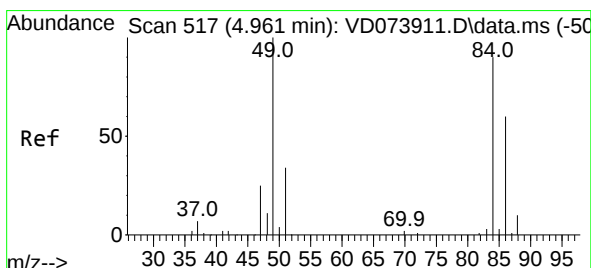
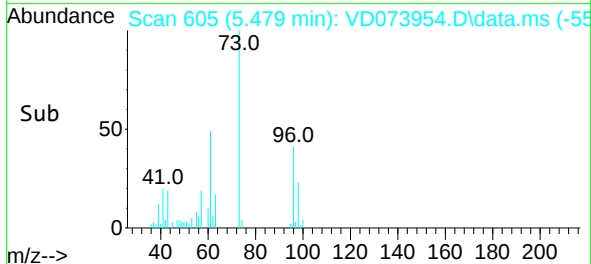
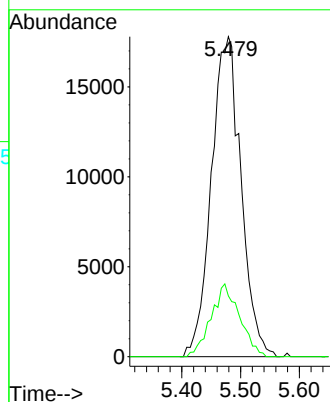
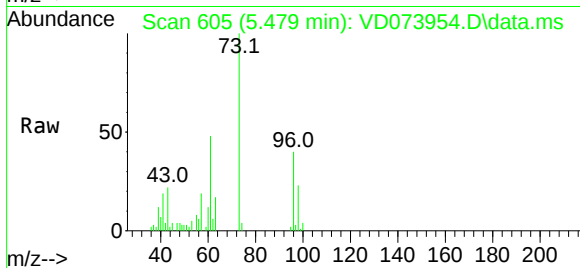
ClientSampleId :

Tgt Ion: 73 Resp: 62228

Ion Ratio Lower Upper

73 100

57 19.0 17.0 25.4



#20

Methylene Chloride

Concen: 14.883 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.011 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Tgt Ion: 84 Resp: 41978

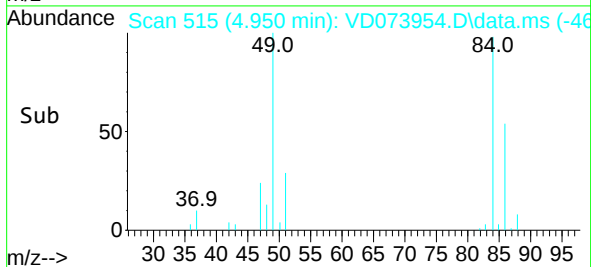
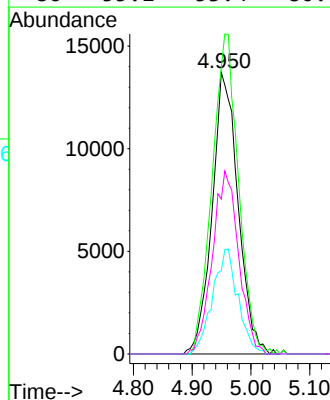
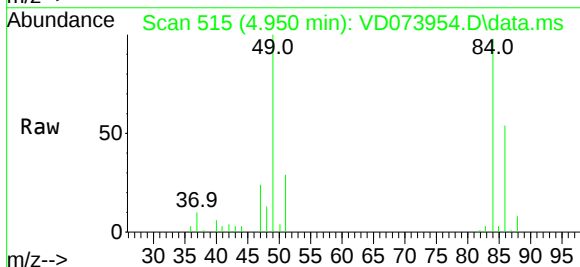
Ion Ratio Lower Upper

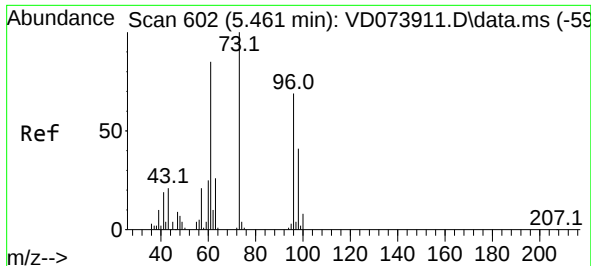
84 100

49 102.0 89.1 133.7

51 29.5 29.8 44.8#

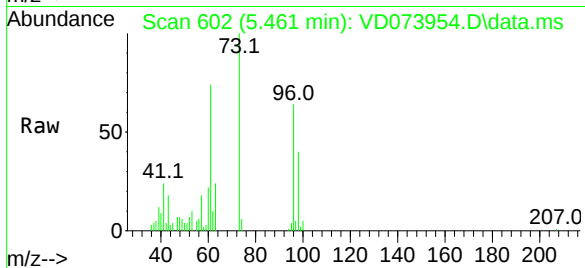
86 55.1 53.4 80.0





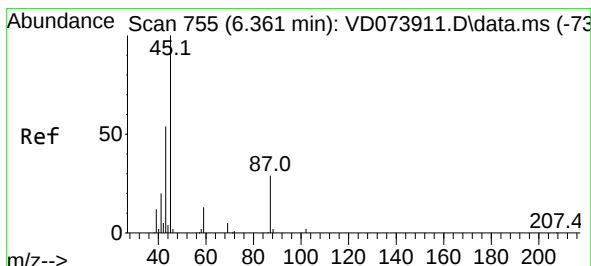
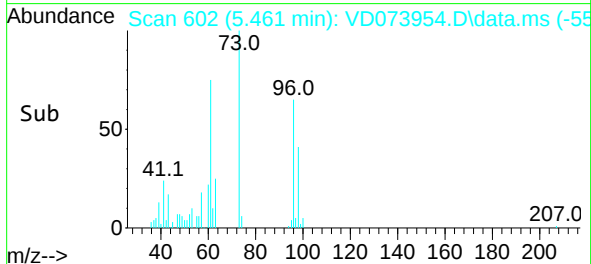
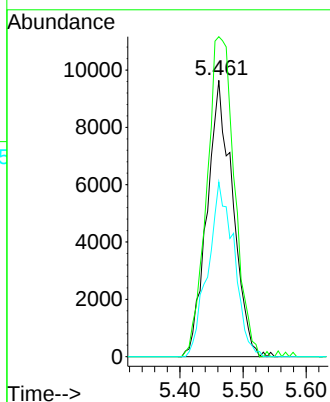
#21
trans-1,2-Dichloroethene
Concen: 17.315 ug/l
RT: 5.461 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 27178

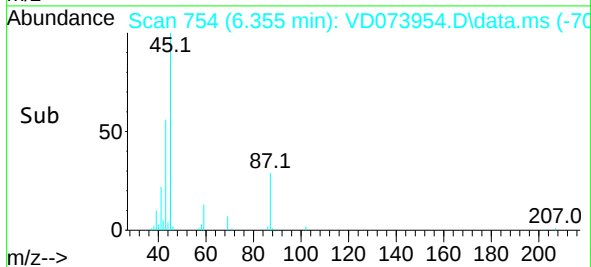
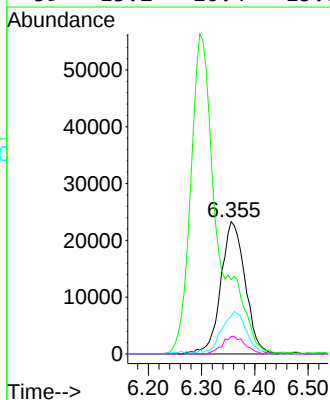
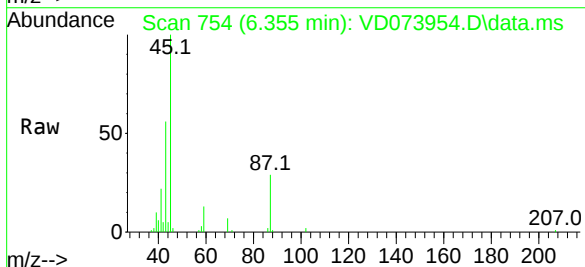
Ion	Ratio	Lower	Upper
96	100		
61	115.8	98.7	148.1
98	63.2	47.3	70.9

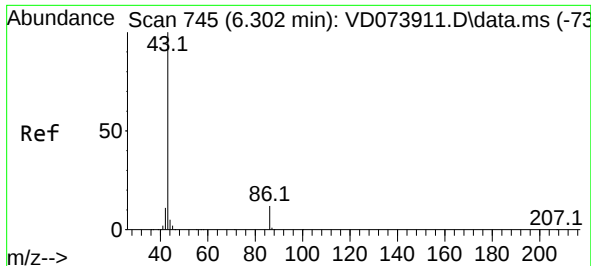


#22
Diisopropyl ether
Concen: 19.093 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 45 Resp: 73818

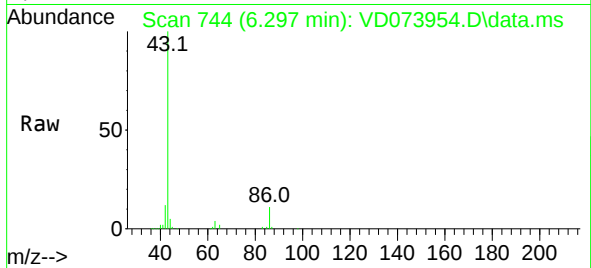
Ion	Ratio	Lower	Upper
45	100		
43	55.1	46.2	69.4
87	28.6	24.0	36.0
59	13.2	10.4	15.6



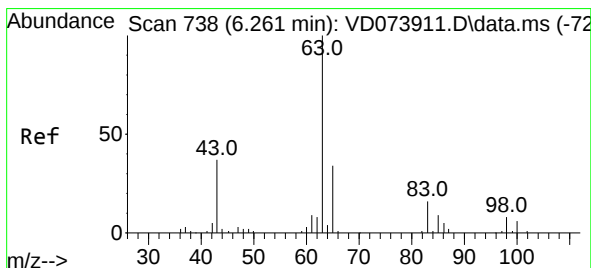
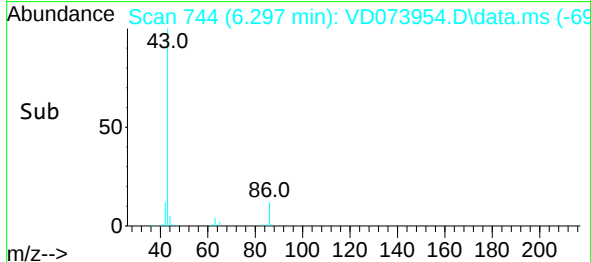
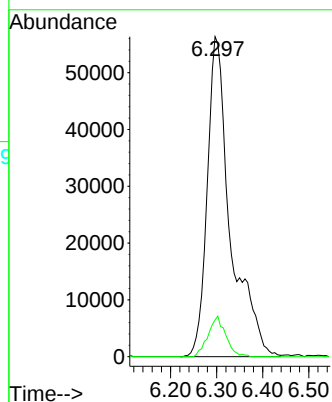


#23
 Vinyl Acetate
 Concen: 96.567 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

Instrument :
 MSVOA_D
 ClientSampleId :

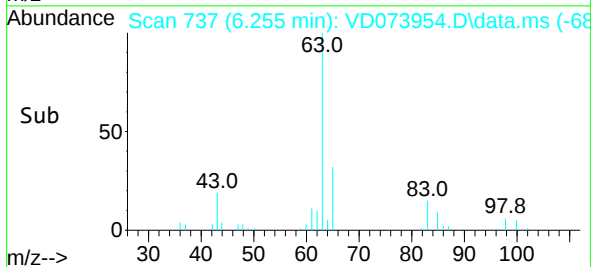
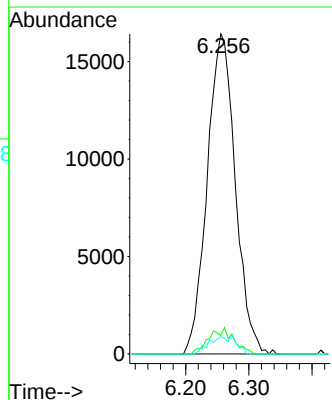
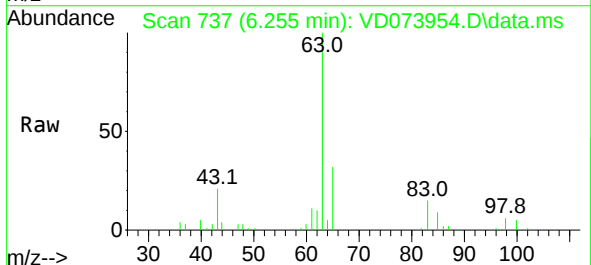


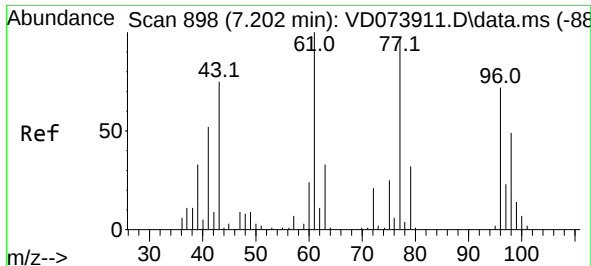
Tgt Ion: 43 Resp: 197320
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 19.390 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

Tgt Ion: 63 Resp: 50710
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.9 11.5
 100 5.4 2.8 8.4

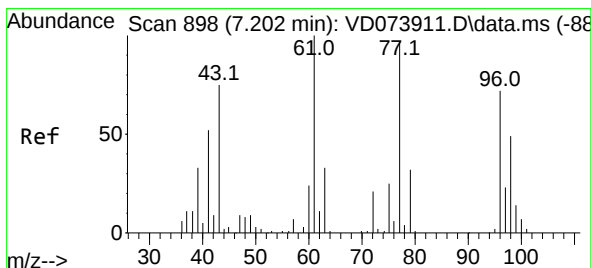
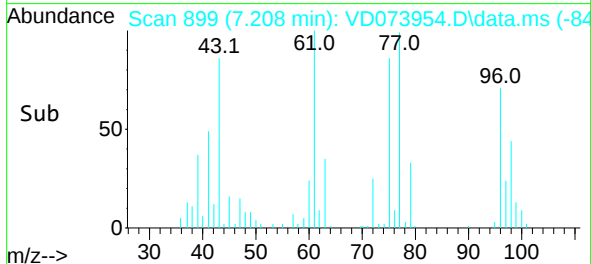
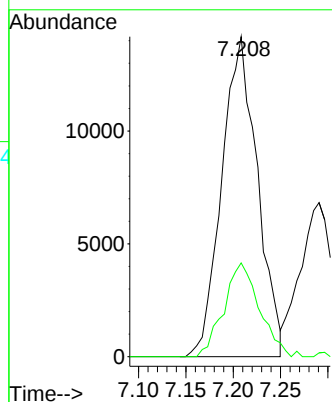
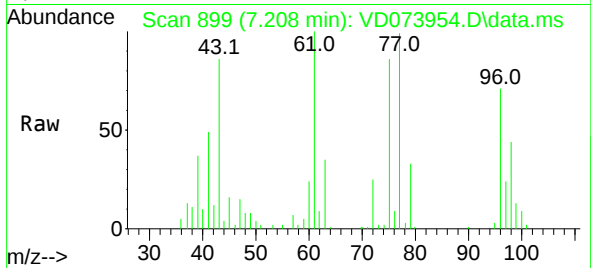




#25
2-Butanone
Concen: 101.647 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

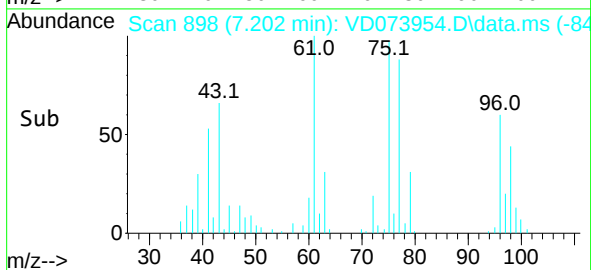
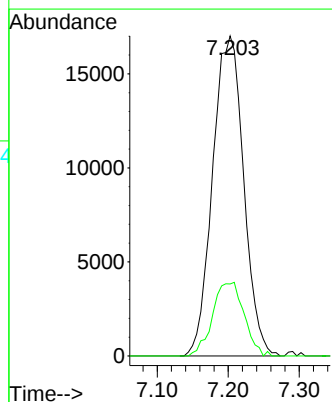
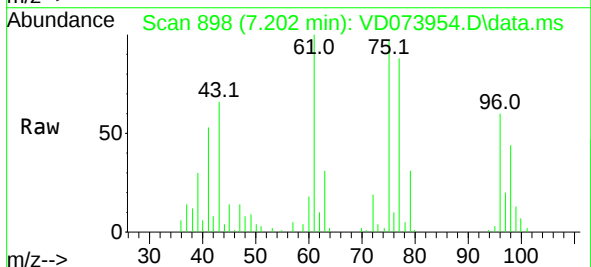
Instrument :
MSVOA_D
ClientSampleId :

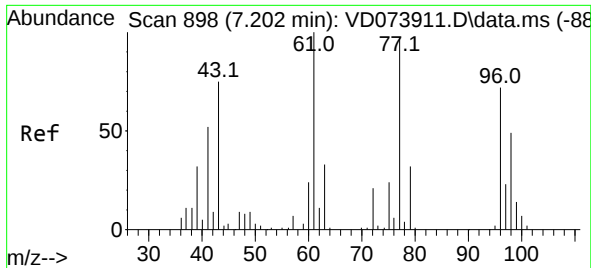
Tgt Ion: 43 Resp: 37032
Ion Ratio Lower Upper
43 100
72 29.3 22.7 34.1



#26
2,2-Dichloropropane
Concen: 19.519 ug/l
RT: 7.202 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

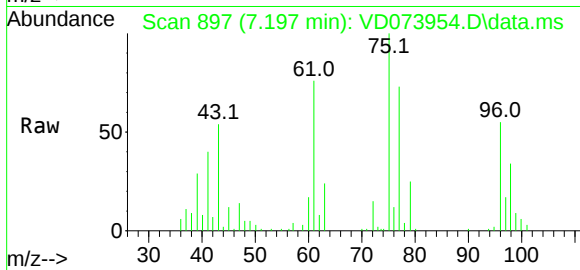
Tgt Ion: 77 Resp: 51616
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.8



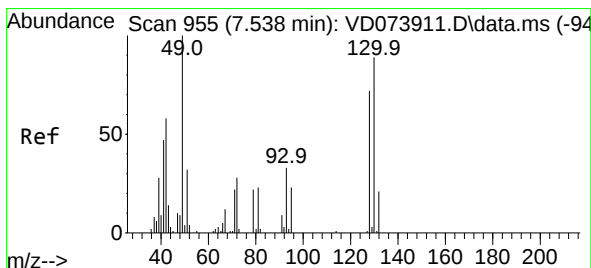
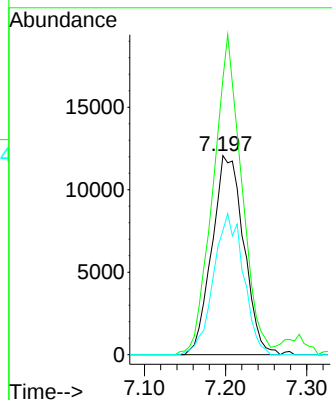
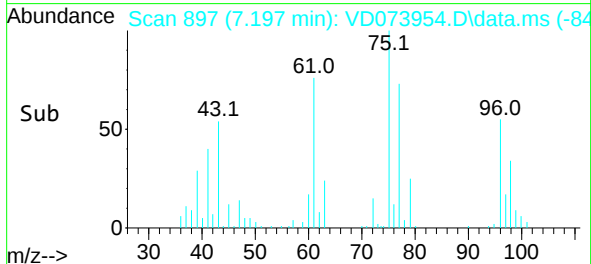


#27
 cis-1,2-Dichloroethene
 Concen: 18.588 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.006 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

Instrument :
 MSVOA_D
 ClientSampleId :

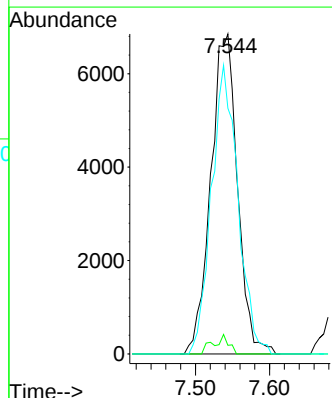
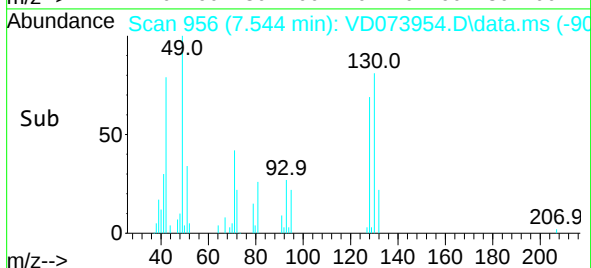
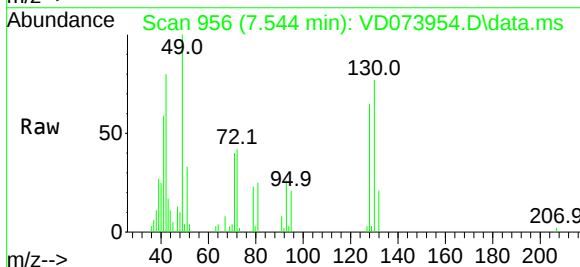


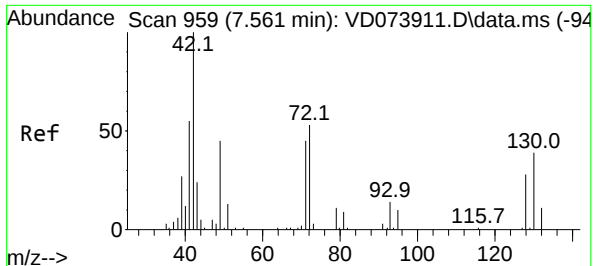
Tgt Ion: 96	Resp: 32846		
Ion Ratio	Lower	Upper	
96	100		
61	144.8	0.0	272.0
98	66.9	0.0	129.2



#28
 Bromochloromethane
 Concen: 19.657 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

Tgt Ion: 49	Resp: 17155
Ion Ratio	Lower Upper
49 100	
129 3.4	0.0 5.4
130 89.2	72.0 108.0





#29

Tetrahydrofuran

Concen: 102.526 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

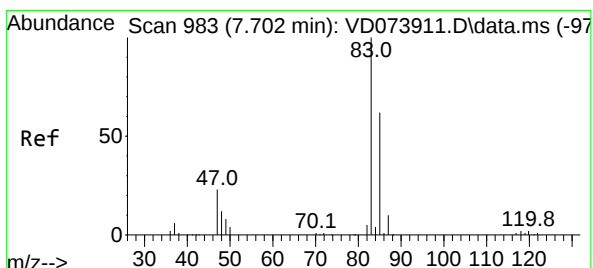
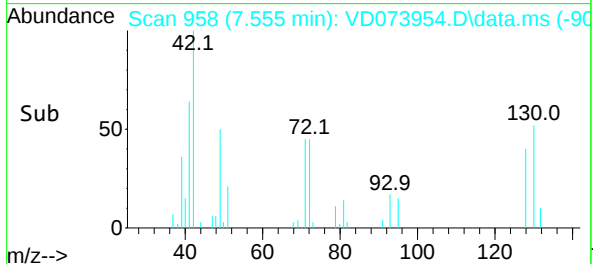
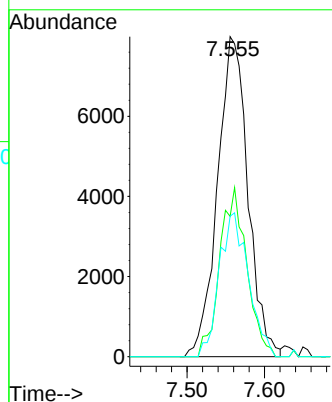
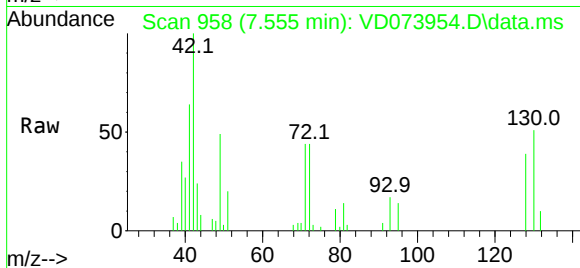
Tgt Ion: 42 Resp: 21825

Ion Ratio Lower Upper

42 100

72 46.8 39.0 58.4

71 43.2 35.7 53.5



#30

Chloroform

Concen: 20.083 ug/l

RT: 7.702 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073954.D

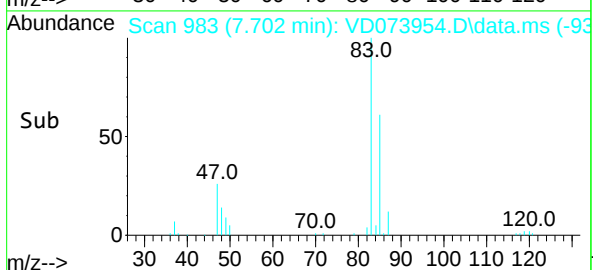
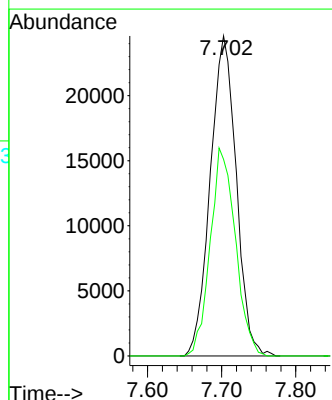
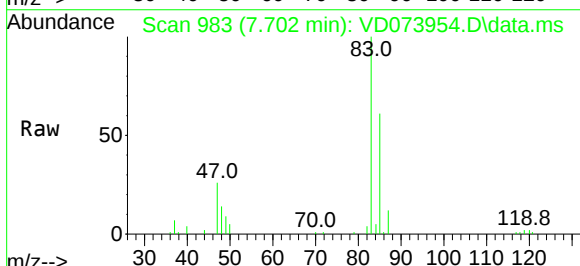
Acq: 04 Aug 2022 15:42

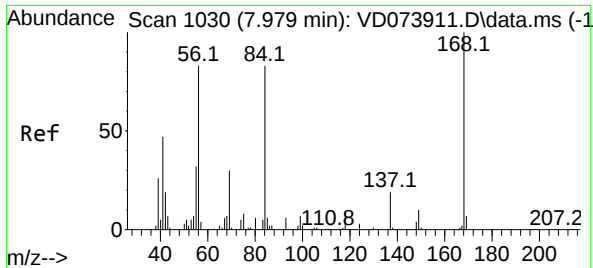
Tgt Ion: 83 Resp: 59848

Ion Ratio Lower Upper

83 100

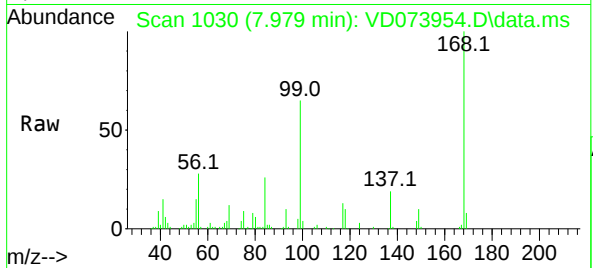
85 61.5 49.8 74.8



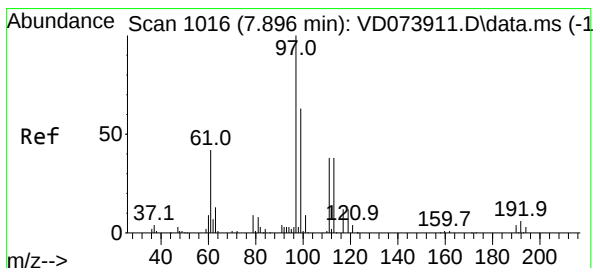
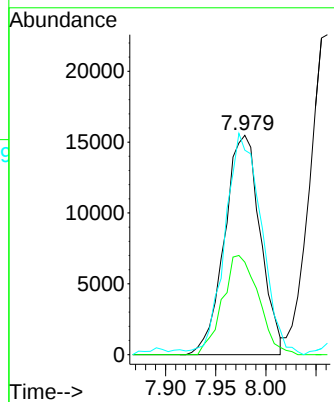
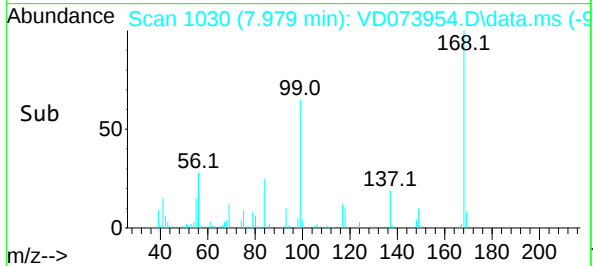


#31
Cyclohexane
Concen: 16.595 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

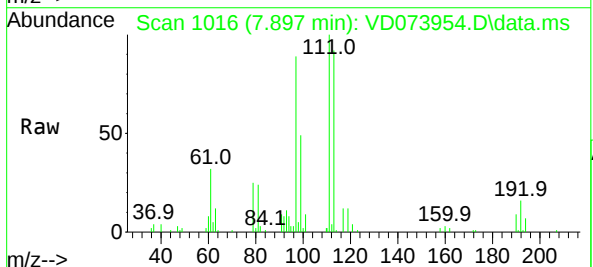
Instrument :
MSVOA_D
ClientSampleId :



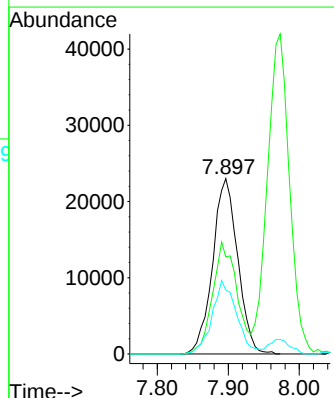
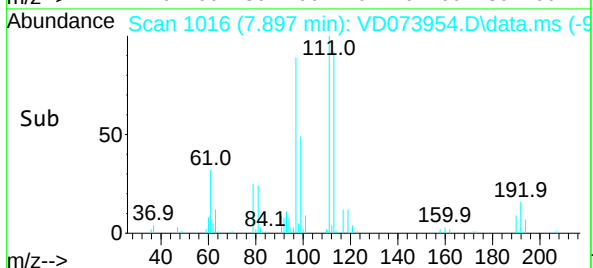
Tgt Ion: 56 Resp: 38360
Ion Ratio Lower Upper
56 100
69 42.2 29.2 43.8
84 91.0 80.0 120.0

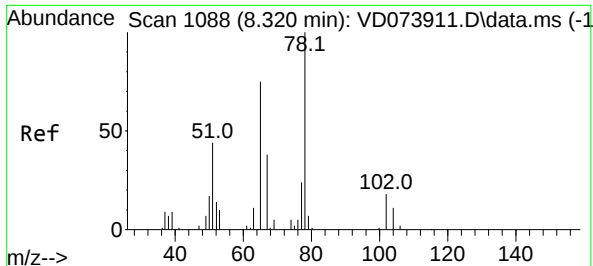


#32
1,1,1-Trichloroethane
Concen: 19.866 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42



Tgt Ion: 97 Resp: 56368
Ion Ratio Lower Upper
97 100
99 62.2 52.0 78.0
61 41.1 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 52.052 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

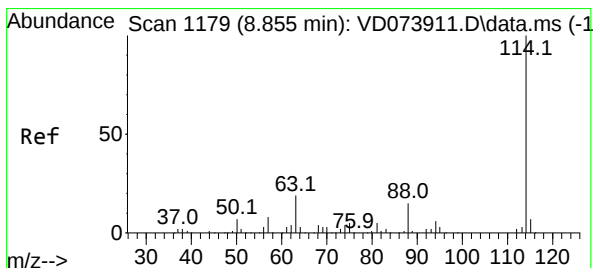
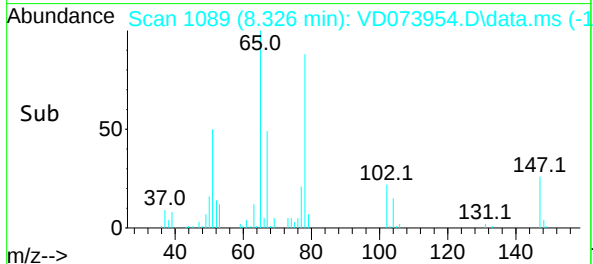
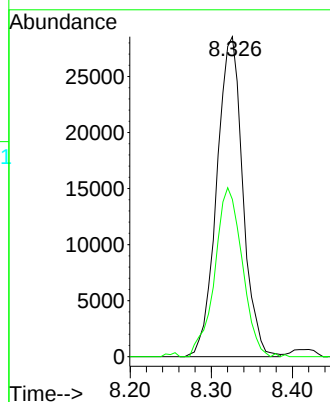
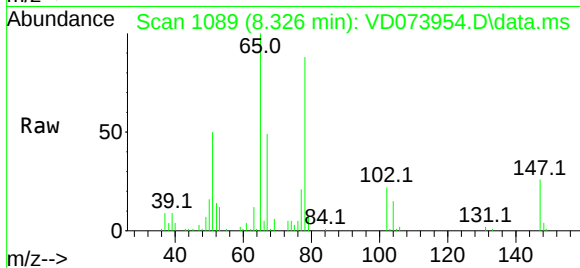
ClientSampleId :

Tgt Ion: 65 Resp: 63694

Ion Ratio Lower Upper

65 100

67 55.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

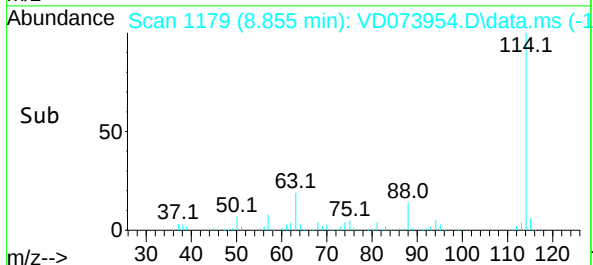
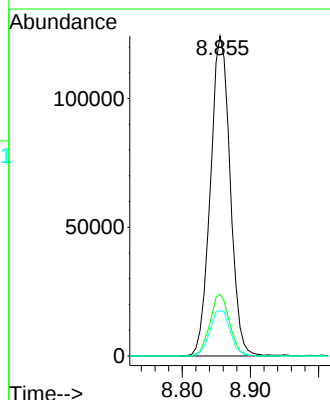
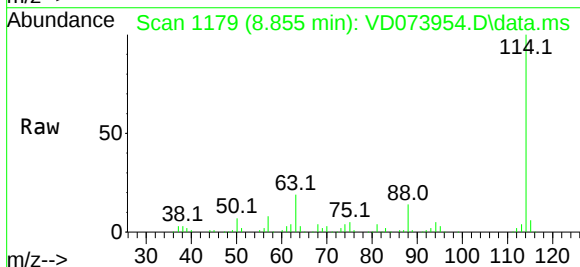
Tgt Ion: 114 Resp: 250146

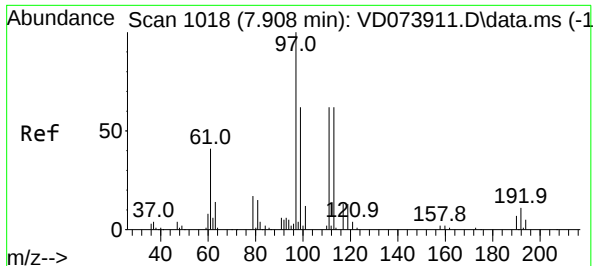
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

88 14.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.456 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073954.D

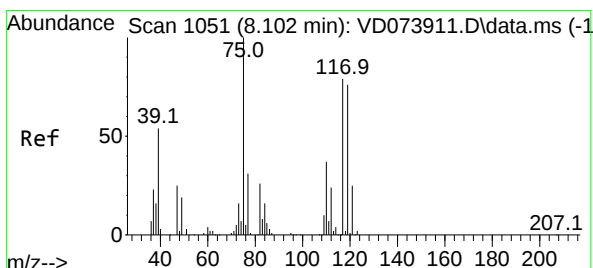
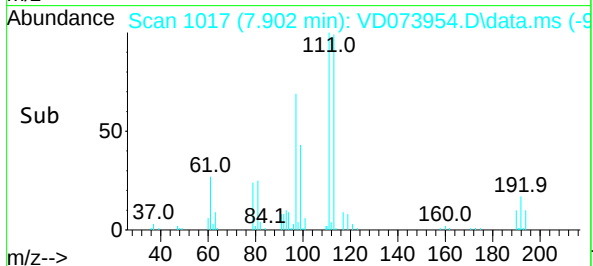
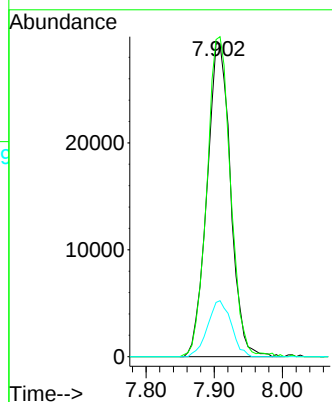
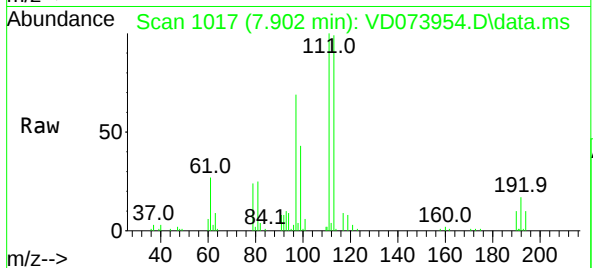
Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	70648
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.7	125.5
192	17.8	15.0	22.6



#36

1,1-Dichloropropene

Concen: 18.093 ug/l

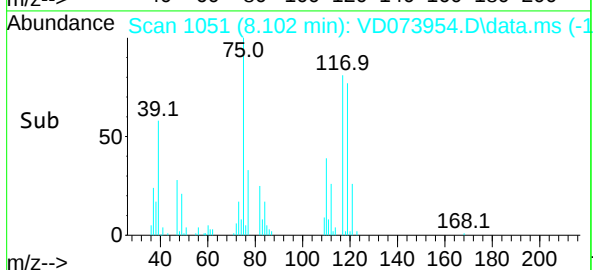
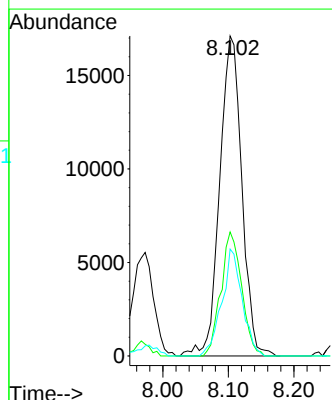
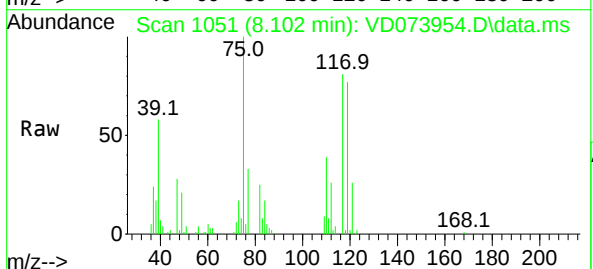
RT: 8.102 min Scan# 1051

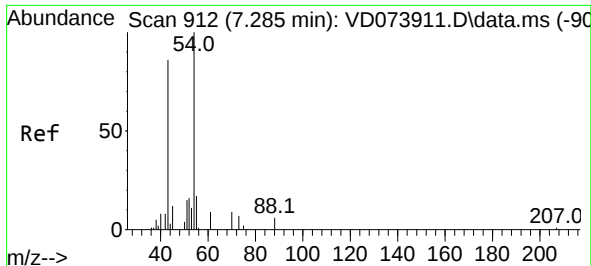
Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Tgt Ion:	75	Resp:	40051
Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.1	54.1
77	30.6	24.7	37.1





#37

Ethyl Acetate

Concen: 19.413 ug/l

RT: 7.291 min Scan# 91

Delta R.T. 0.006 min

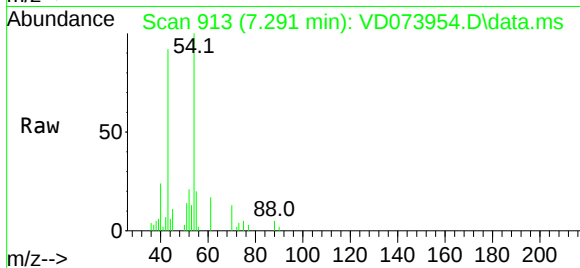
Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

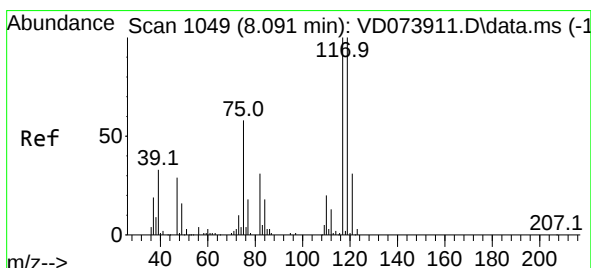
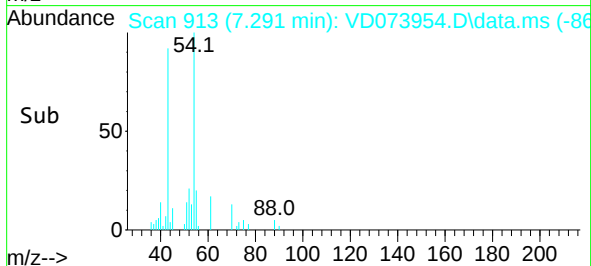
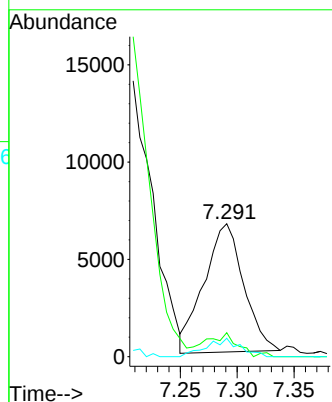
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	16004
Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.7	19.1
70	12.0	9.4	14.0



#38

Carbon Tetrachloride

Concen: 19.017 ug/l

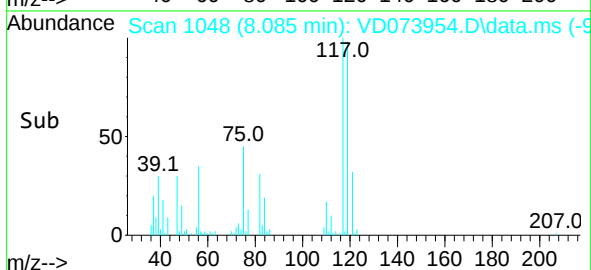
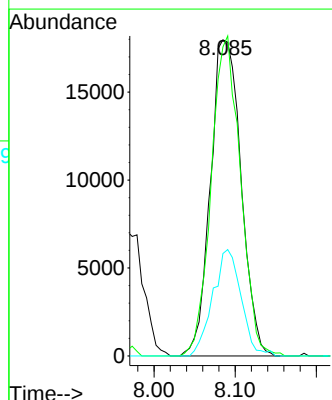
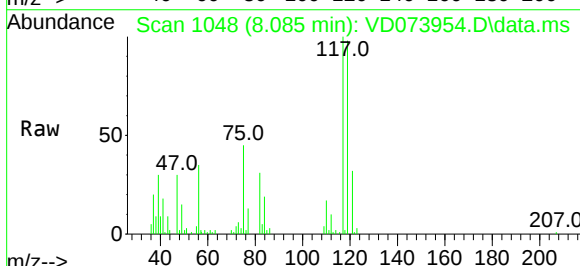
RT: 8.085 min Scan# 1048

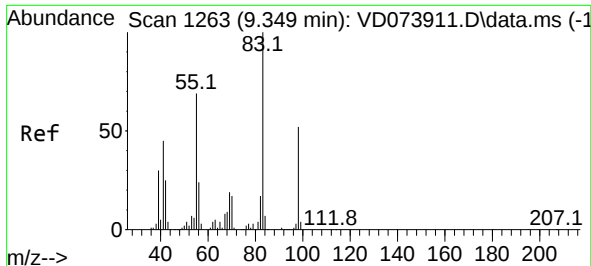
Delta R.T. -0.006 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Tgt Ion:	117	Resp:	47157
Ion	Ratio	Lower	Upper
117	100		
119	97.7	79.6	119.4
121	32.4	24.4	36.6





#39

Methylcyclohexane

Concen: 15.608 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

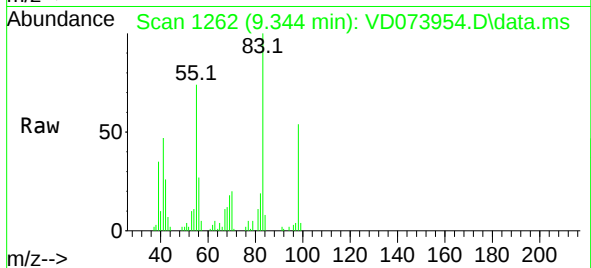
Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :



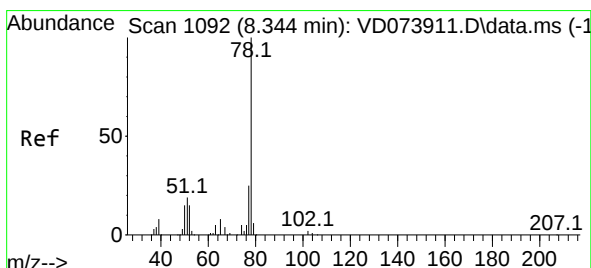
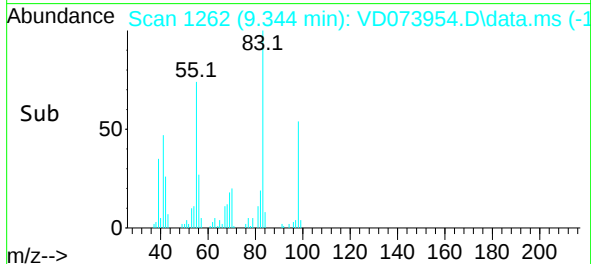
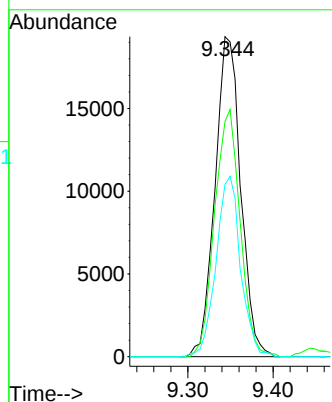
Tgt Ion: 83 Resp: 40497

Ion Ratio Lower Upper

83 100

55 73.6 55.6 83.4

98 53.9 41.6 62.4



#40

Benzene

Concen: 18.439 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073954.D

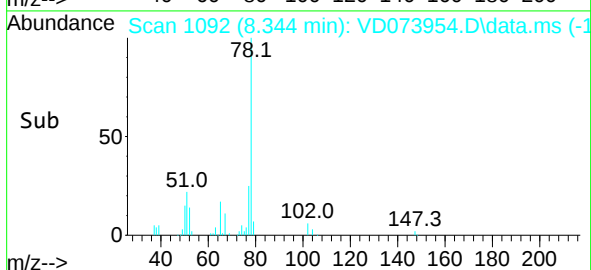
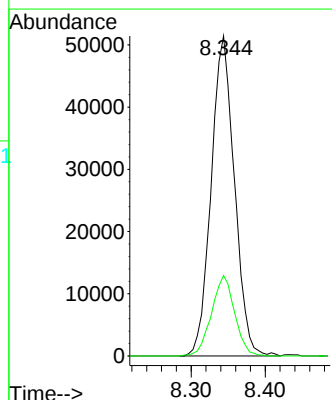
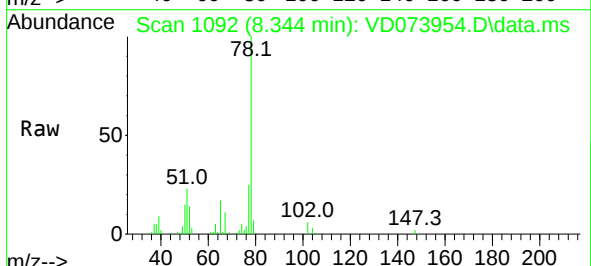
Acq: 04 Aug 2022 15:42

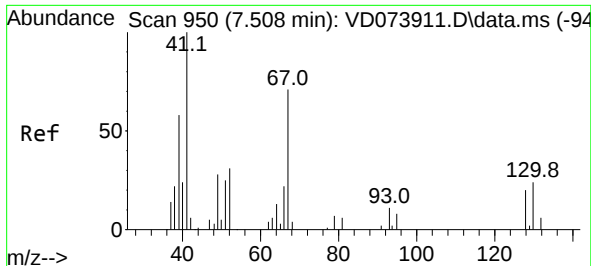
Tgt Ion: 78 Resp: 112000

Ion Ratio Lower Upper

78 100

77 25.2 19.8 29.6

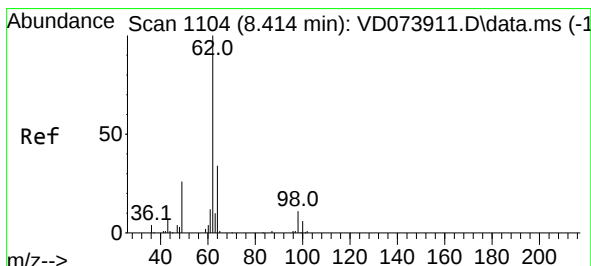
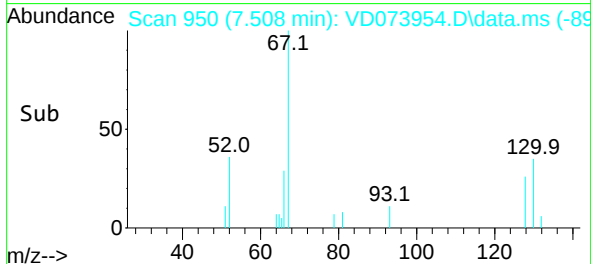
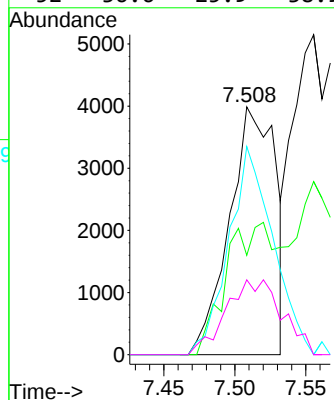
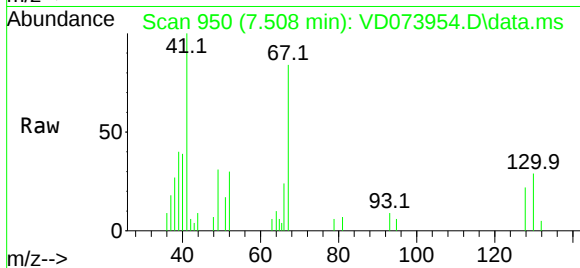




#41
Methacrylonitrile
Concen: 18.903 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

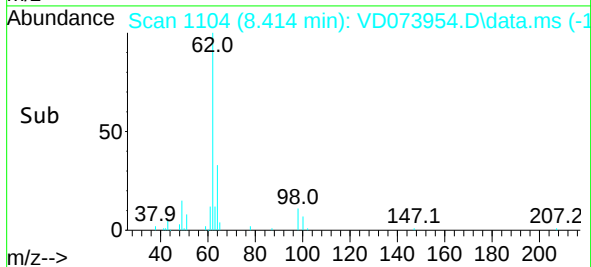
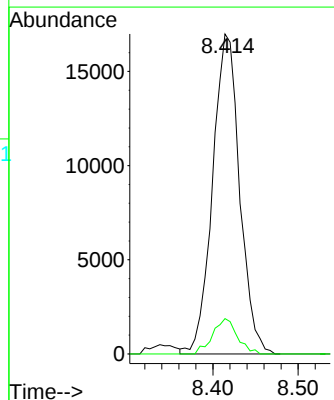
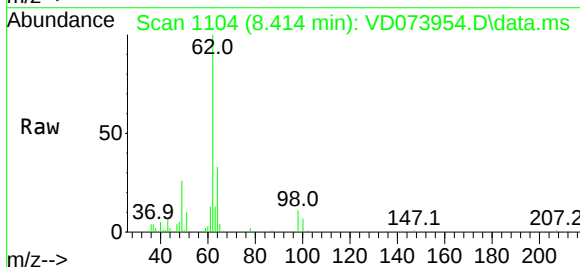
Instrument :
MSVOA_D
ClientSampleId :

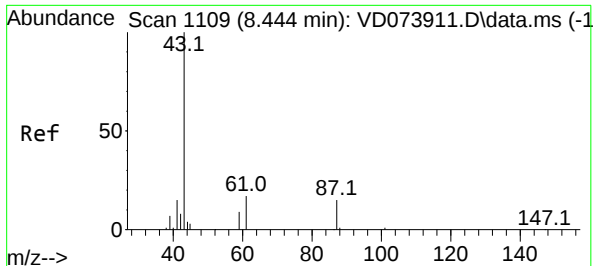
Tgt Ion: 41	Resp: 8996
Ion Ratio	Lower Upper
41 100	
39 28.7	46.6 69.8#
67 81.5	61.0 91.4
52 36.6	25.9 38.9



#42
1,2-Dichloroethane
Concen: 20.096 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 62	Resp: 37465
Ion Ratio	Lower Upper
62 100	
98 10.0	0.0 19.8

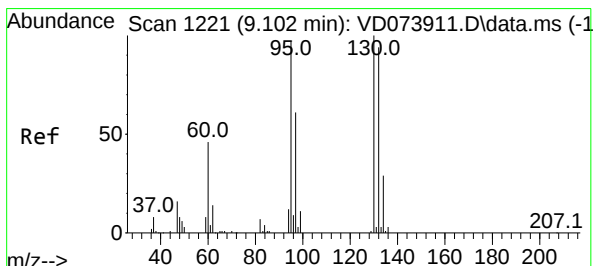
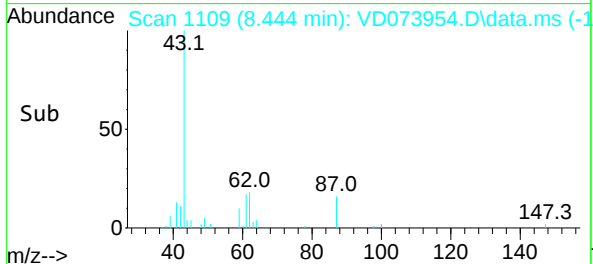
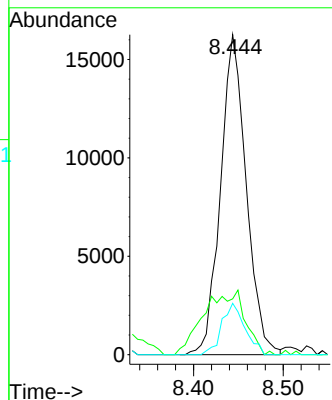
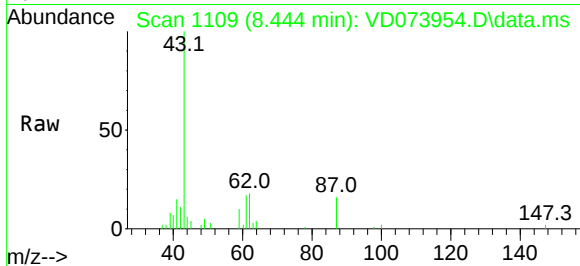




#43
Isopropyl Acetate
Concen: 19.864 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

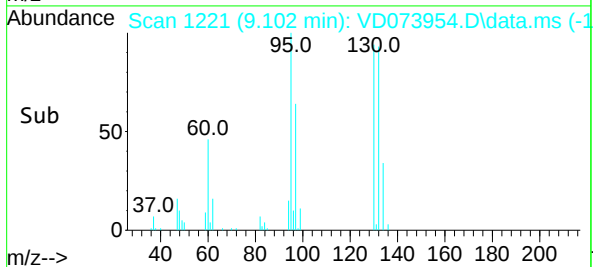
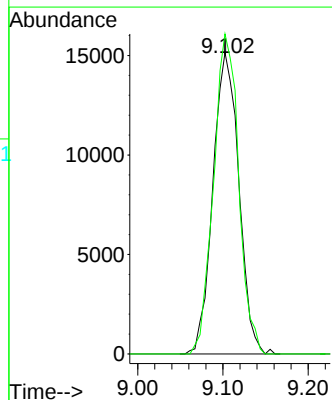
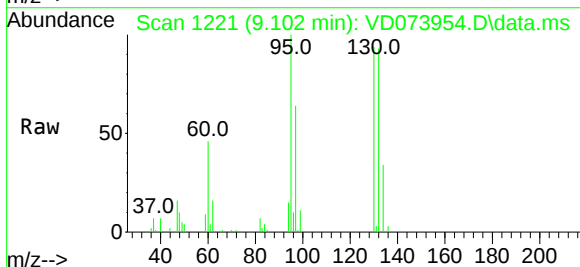
Instrument :
MSVOA_D
ClientSampleId :

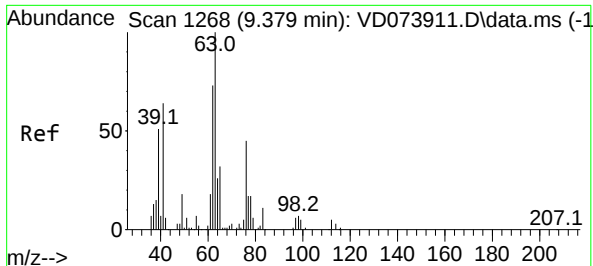
Tgt Ion: 43 Resp: 32427
Ion Ratio Lower Upper
43 100
61 32.2 24.6 37.0
87 14.5 12.2 18.2



#44
Trichloroethene
Concen: 17.490 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 130 Resp: 32004
Ion Ratio Lower Upper
130 100
95 106.2 0.0 194.2





#45

1,2-Dichloropropane

Concen: 18.850 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

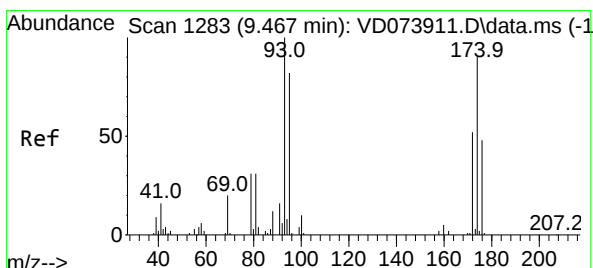
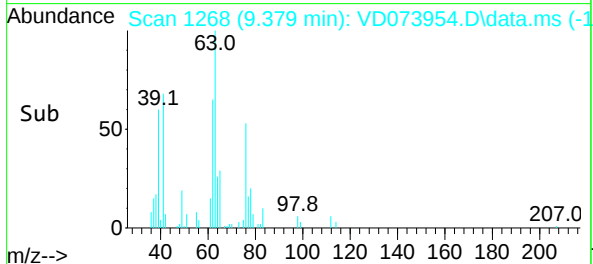
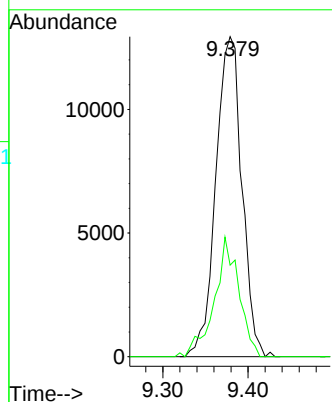
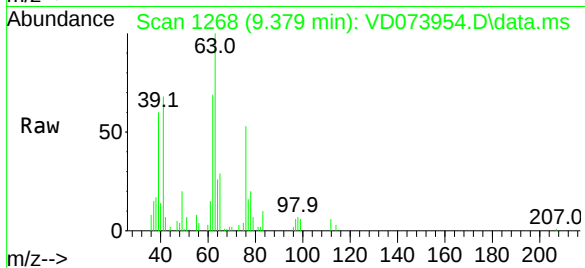
ClientSampleId :

Tgt Ion: 63 Resp: 27551

Ion Ratio Lower Upper

63 100

65 28.6 26.0 39.0



#46

Dibromomethane

Concen: 19.932 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

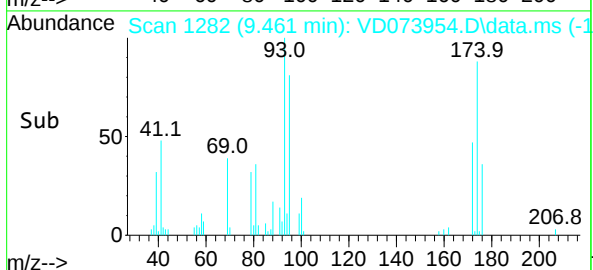
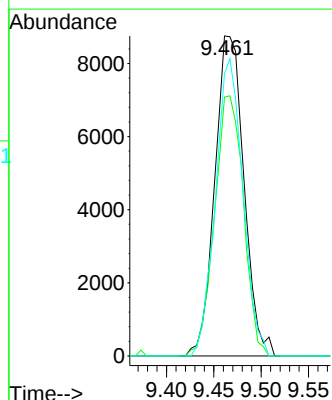
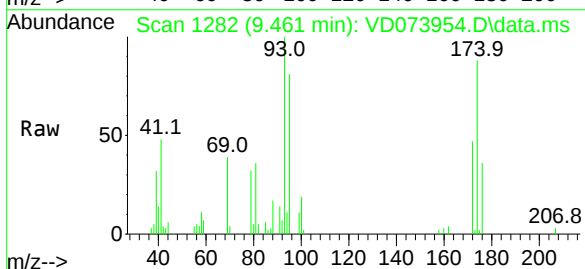
Tgt Ion: 93 Resp: 18737

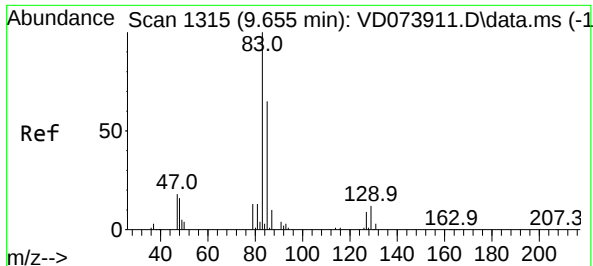
Ion Ratio Lower Upper

93 100

95 80.5 66.2 99.2

174 87.4 76.4 114.6





#47

Bromodichloromethane

Concen: 20.310 ug/l

RT: 9.649 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073954.D

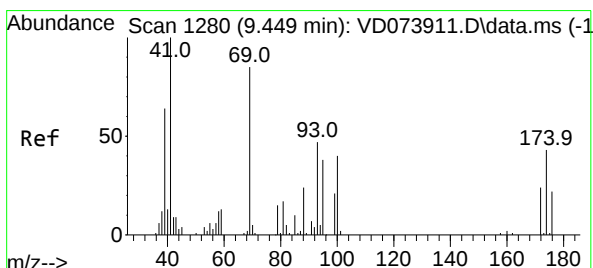
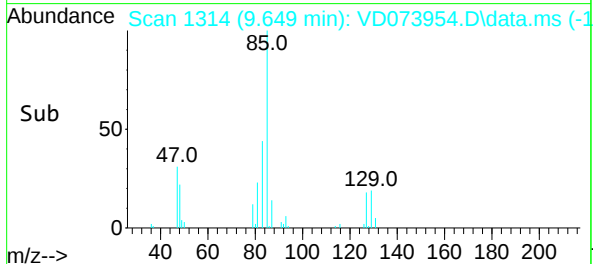
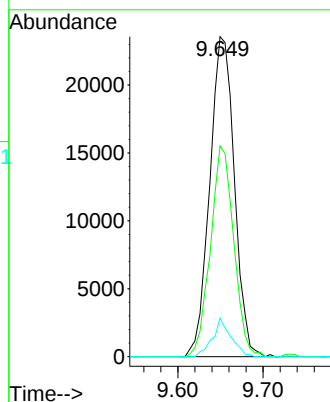
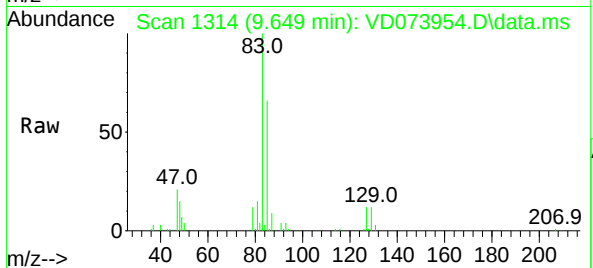
Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 47295
Ion Ratio	Lower Upper
83 100	
85 65.8	51.7 77.5
127 12.0	7.0 10.6#



#48

Methyl methacrylate

Concen: 17.810 ug/l

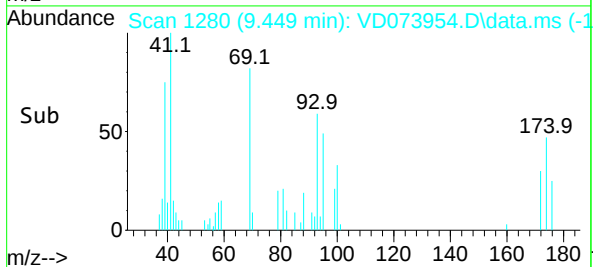
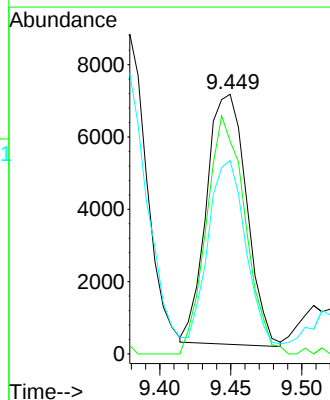
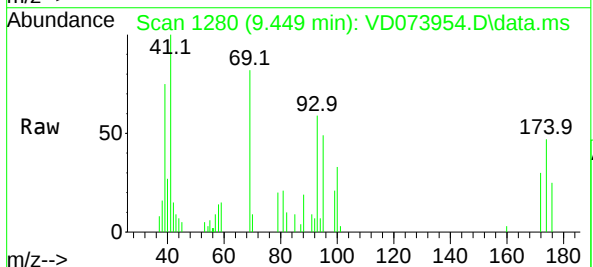
RT: 9.449 min Scan# 1280

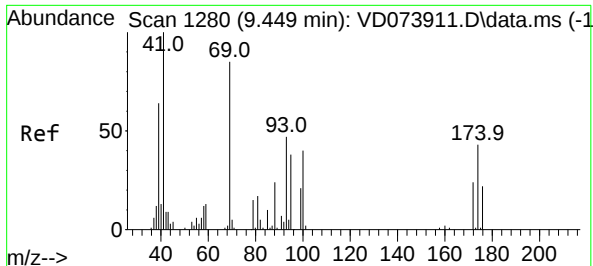
Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Tgt Ion: 41	Resp: 13568
Ion Ratio	Lower Upper
41 100	
69 91.7	68.3 102.5
39 75.3	48.7 73.1#





#49

1,4-Dioxane

Concen: 403.631 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.006 min

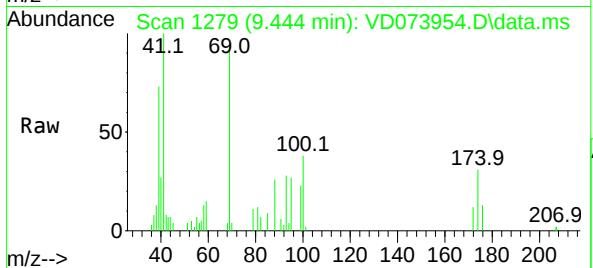
Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

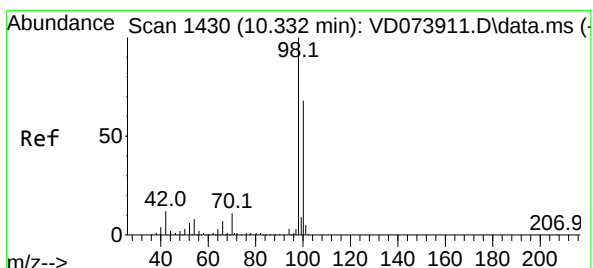
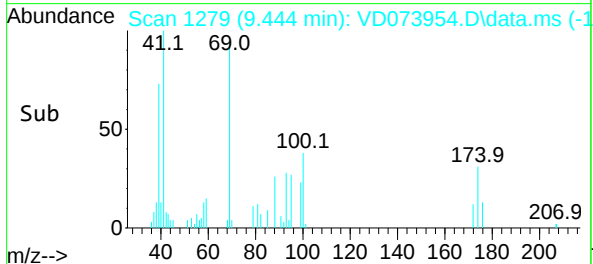
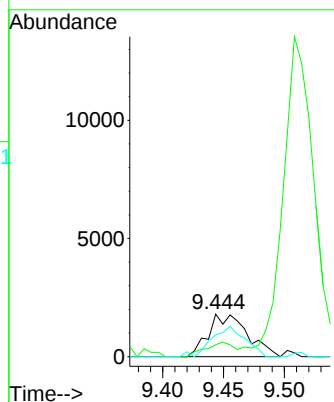
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	88	Resp:	3999
Ion	Ratio	Lower	Upper
88	100		
43	24.5	27.4	41.0#
58	61.4	51.9	77.9



#50

Toluene-d8

Concen: 42.016 ug/l

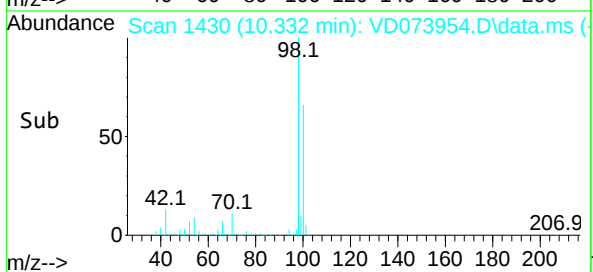
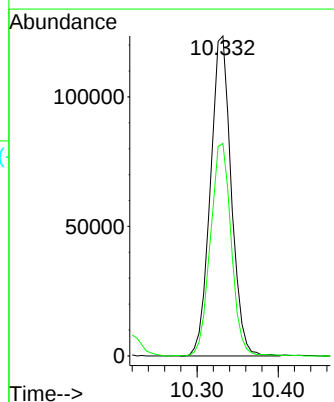
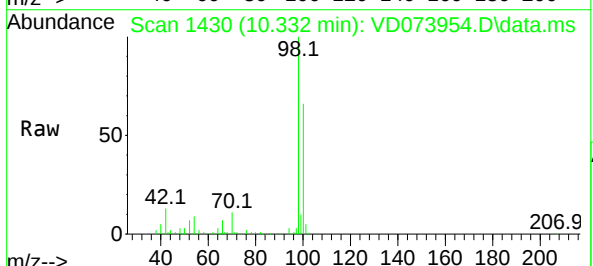
RT: 10.332 min Scan# 1430

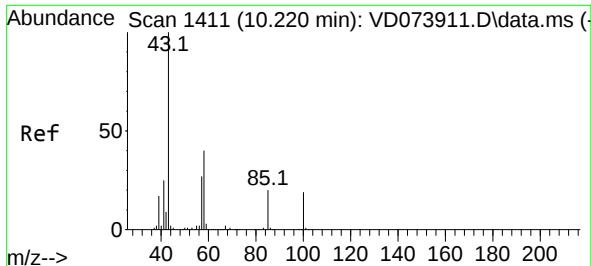
Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Tgt Ion:	98	Resp:	219967
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.1	79.7

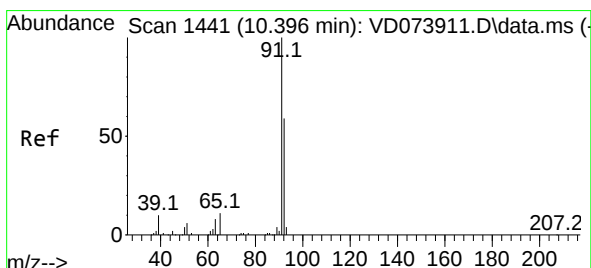
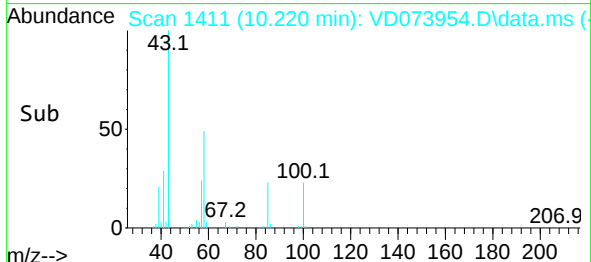
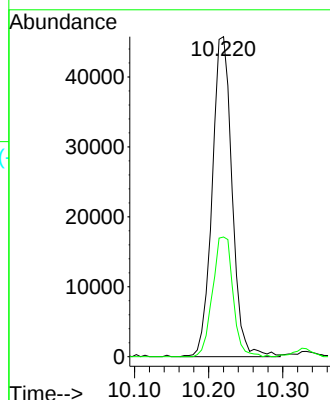
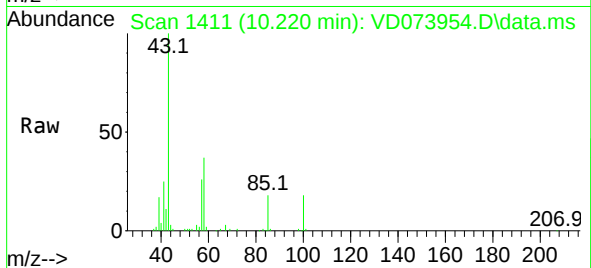




#51
4-Methyl-2-Pentanone
Concen: 104.789 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

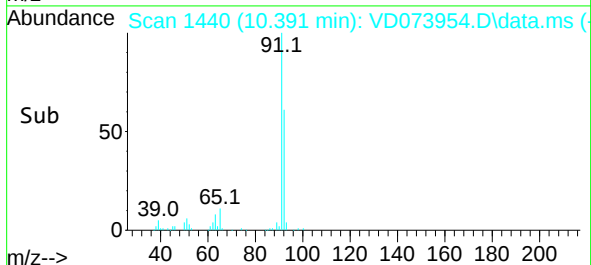
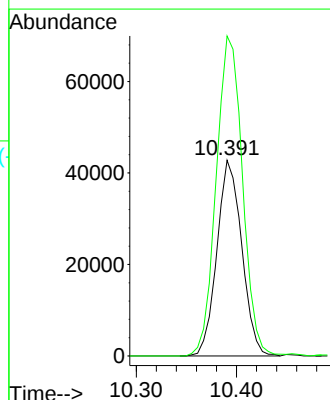
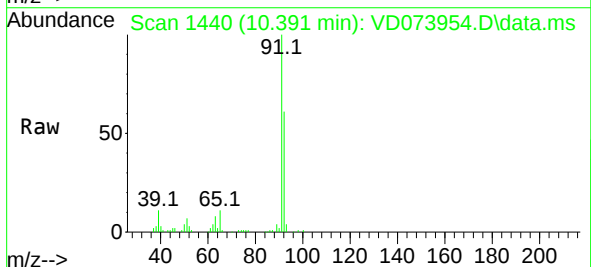
Instrument :
MSVOA_D
ClientSampleId :

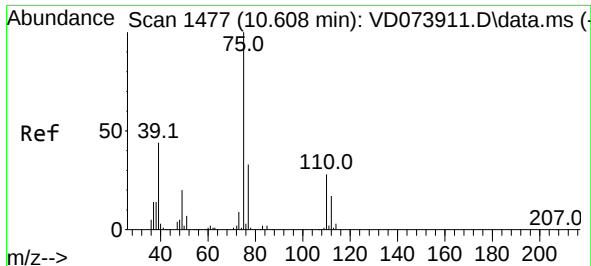
Tgt Ion: 43 Resp: 85407
Ion Ratio Lower Upper
43 100
58 38.3 32.1 48.1



#52
Toluene
Concen: 17.799 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 92 Resp: 73565
Ion Ratio Lower Upper
92 100
91 172.9 137.7 206.5

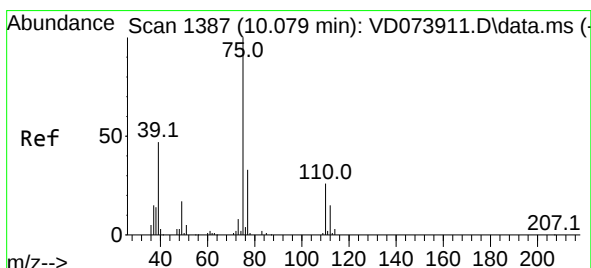
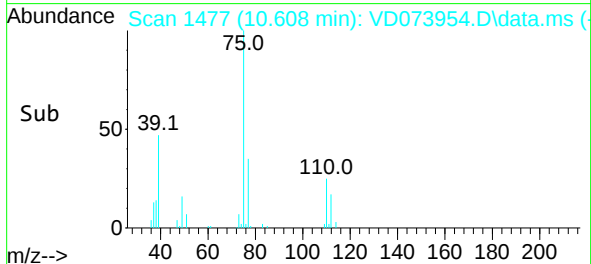
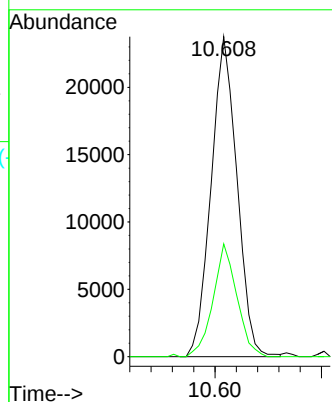
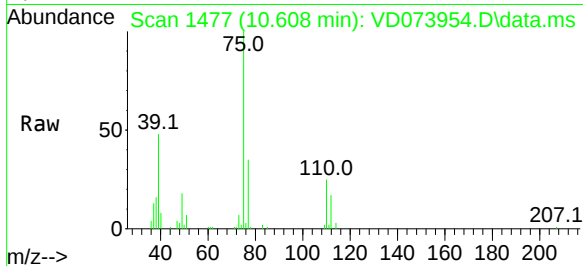




#53
 t-1,3-Dichloropropene
 Concen: 18.667 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. 0.000 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

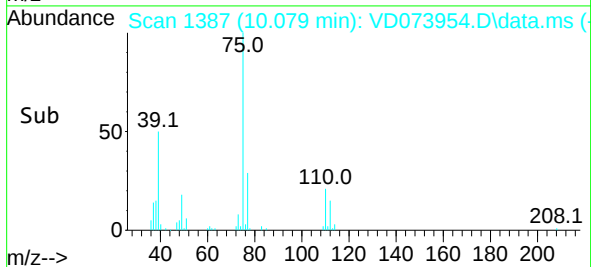
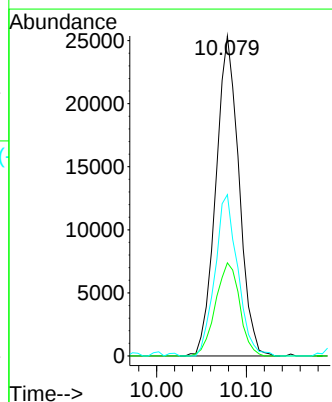
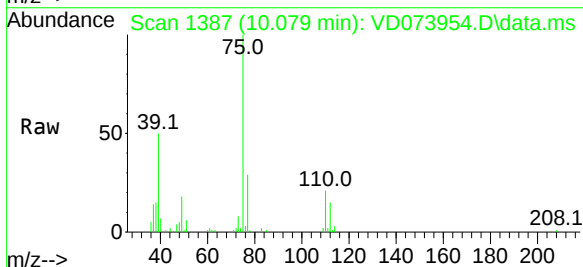
Instrument :
 MSVOA_D
 ClientSampleId :

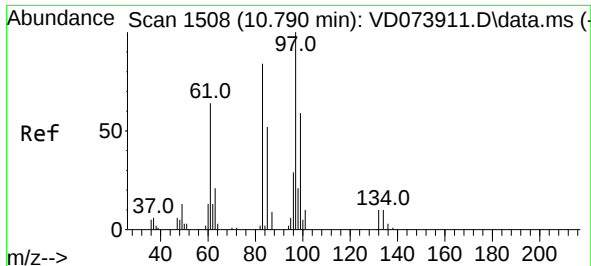
Tgt Ion: 75 Resp: 40015
 Ion Ratio Lower Upper
 75 100
 77 35.3 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.716 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

Tgt Ion: 75 Resp: 45420
 Ion Ratio Lower Upper
 75 100
 77 29.1 26.0 39.0
 39 50.4 37.8 56.6

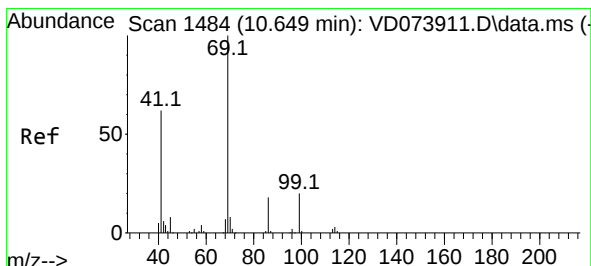
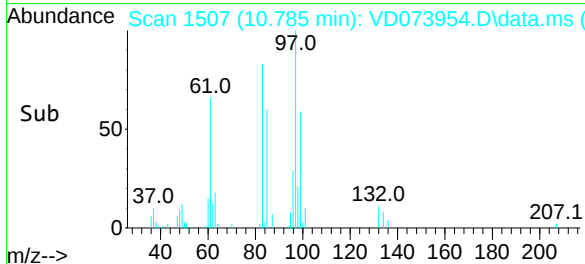
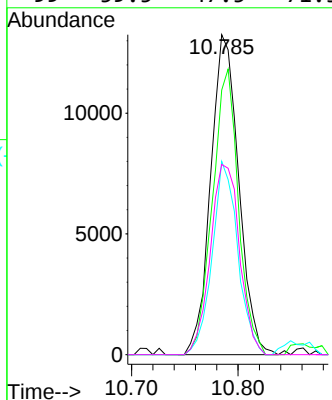
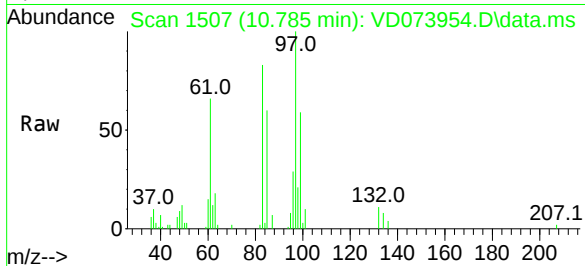




#55
1,1,2-Trichloroethane
Concen: 20.031 ug/l
RT: 10.785 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

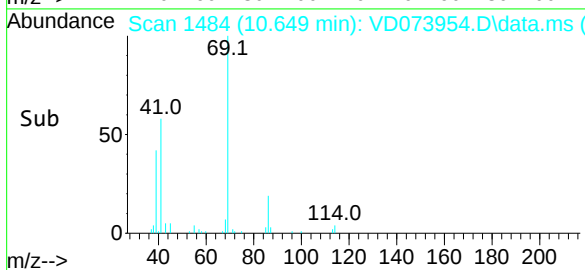
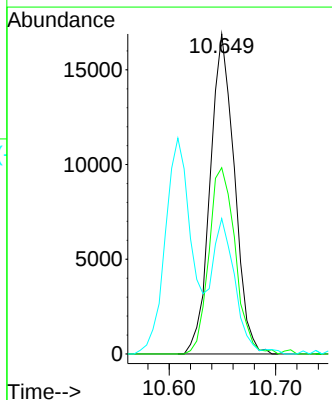
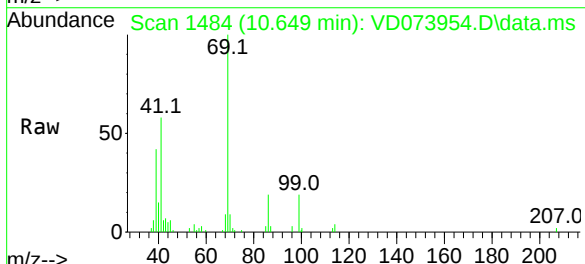
Instrument :
MSVOA_D
ClientSampleId :

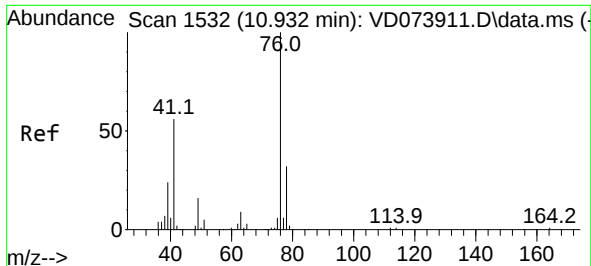
Tgt Ion: 97	Resp: 24220
Ion Ratio	Lower Upper
97 100	
83 82.7	67.0 100.4
85 60.4	41.8 62.6
99 59.5	47.5 71.3



#56
Ethyl methacrylate
Concen: 19.415 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 69	Resp: 26728
Ion Ratio	Lower Upper
69 100	
41 63.2	51.9 77.9
39 40.3	32.1 48.1





#57

1,3-Dichloropropane

Concen: 19.818 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

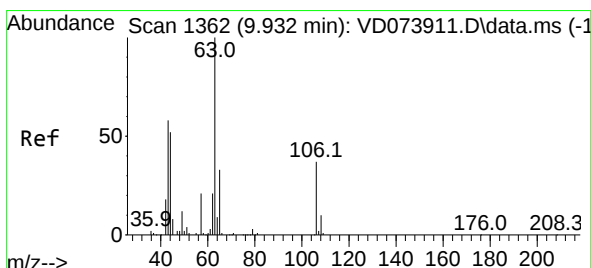
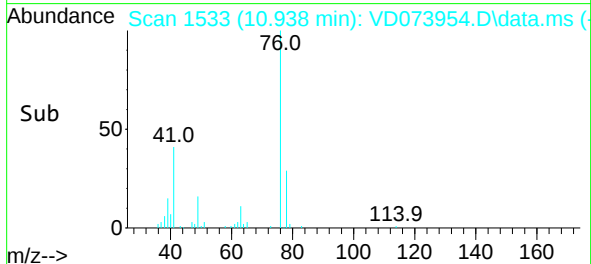
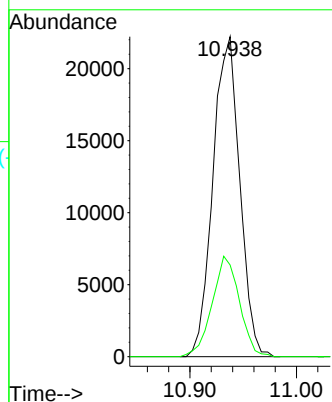
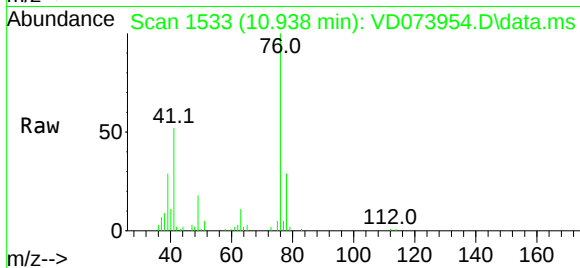
ClientSampleId :

Tgt Ion: 76 Resp: 38781

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.026 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073954.D

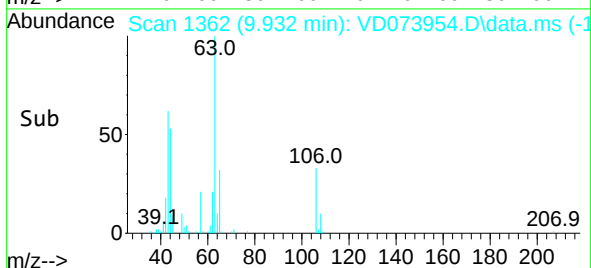
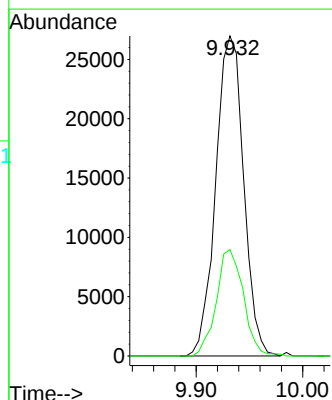
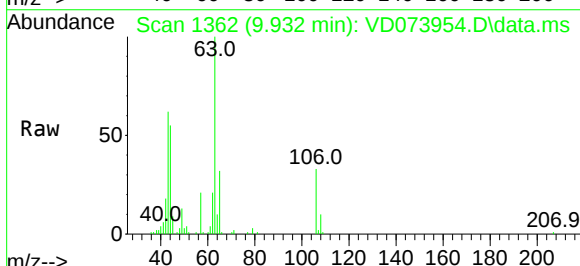
Acq: 04 Aug 2022 15:42

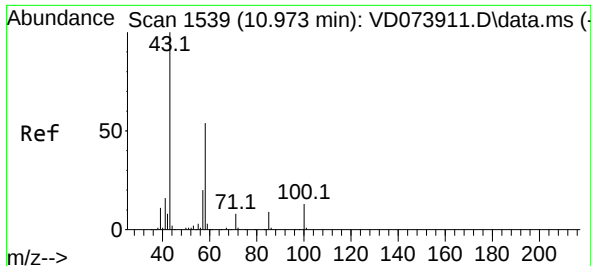
Tgt Ion: 63 Resp: 49008

Ion Ratio Lower Upper

63 100

106 32.3 26.3 39.5

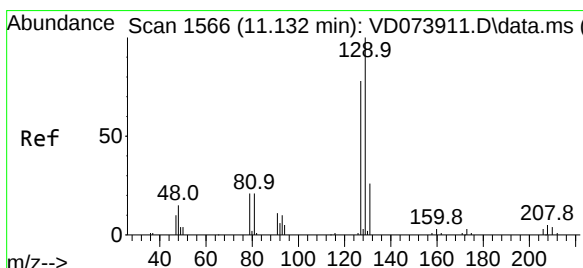
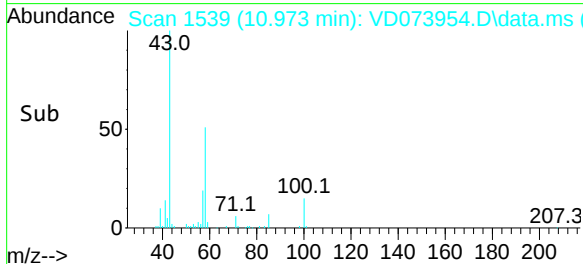
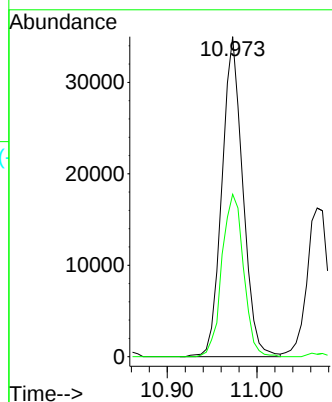
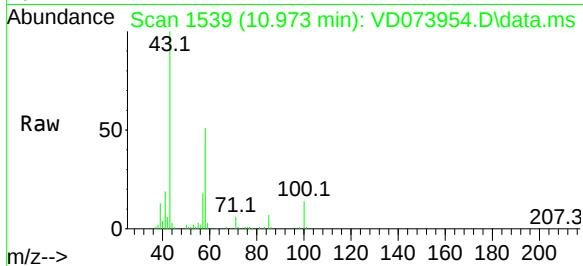




#59
2-Hexanone
Concen: 102.600 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

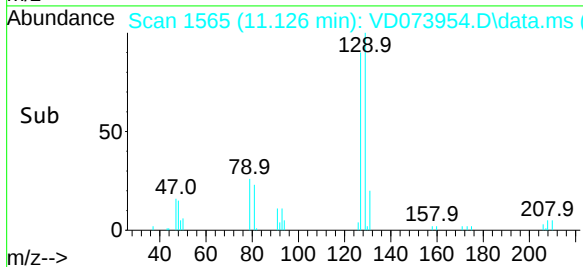
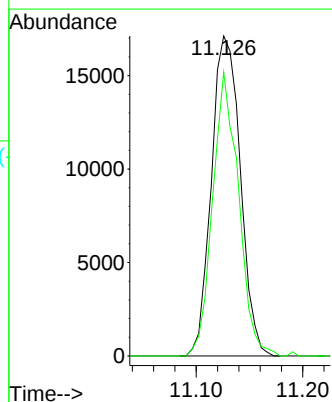
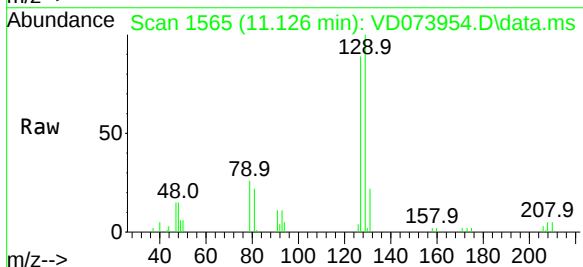
Instrument :
MSVOA_D
ClientSampleId :

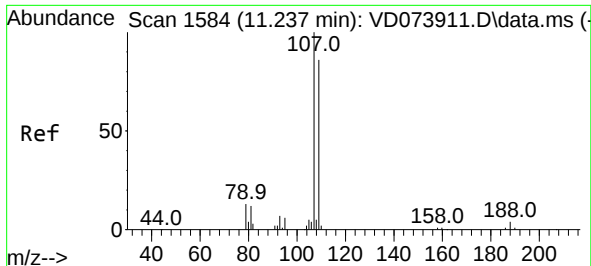
Tgt Ion: 43 Resp: 56587
Ion Ratio Lower Upper
43 100
58 52.6 27.8 83.4



#60
Dibromochloromethane
Concen: 19.784 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 129 Resp: 32275
Ion Ratio Lower Upper
129 100
127 79.5 39.4 118.2

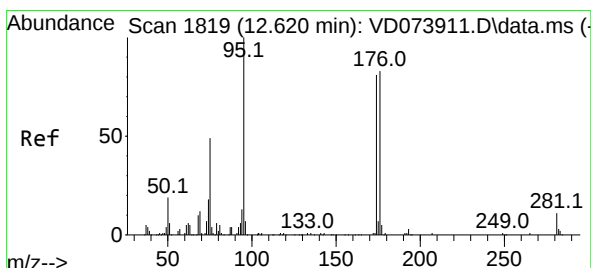
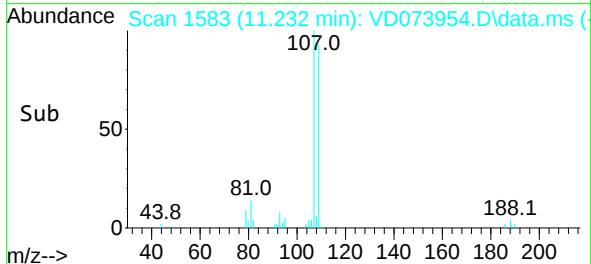
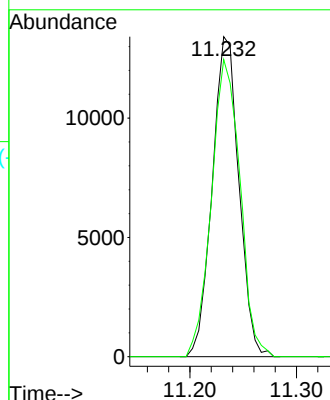
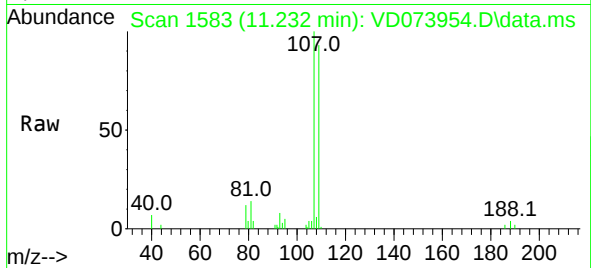




#61
1,2-Dibromoethane
Concen: 18.977 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

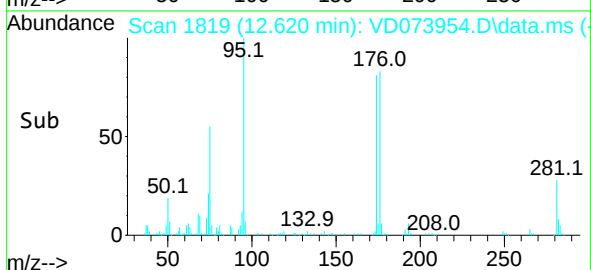
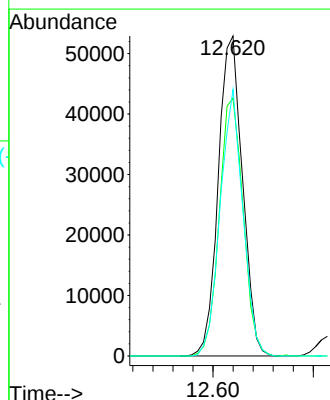
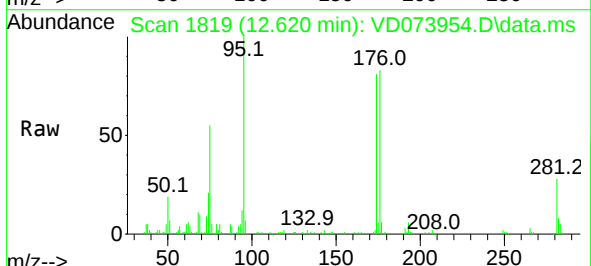
Instrument :
MSVOA_D
ClientSampleId :

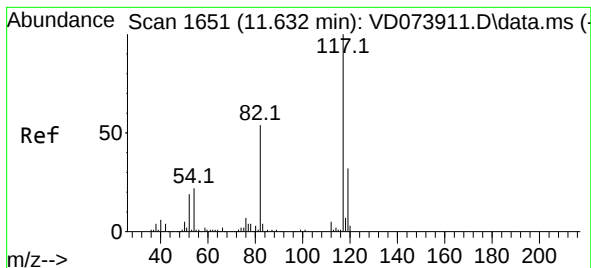
Tgt Ion:107 Resp: 23257
Ion Ratio Lower Upper
107 100
109 99.7 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 45.949 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 95 Resp: 88463
Ion Ratio Lower Upper
95 100
174 79.6 0.0 164.2
176 78.0 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

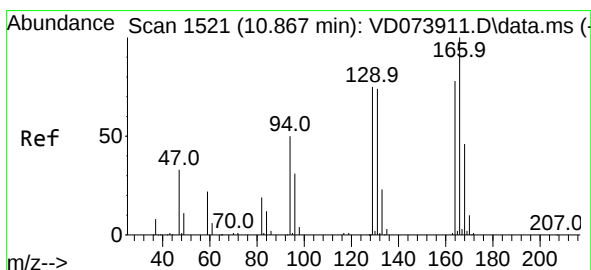
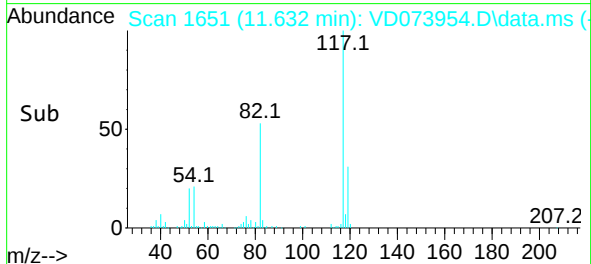
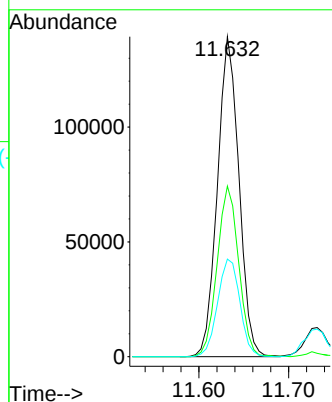
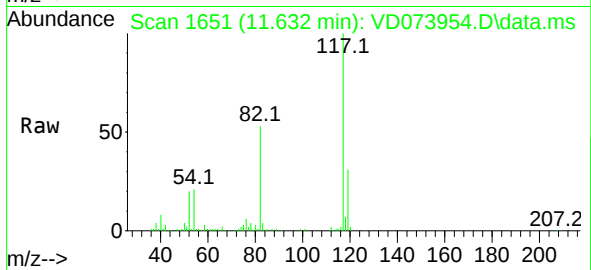
Tgt Ion:117 Resp: 231721

Ion Ratio Lower Upper

117 100

82 53.3 43.3 64.9

119 30.5 25.8 38.8



#64

Tetrachloroethene

Concen: 15.979 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Tgt Ion:164 Resp: 26351

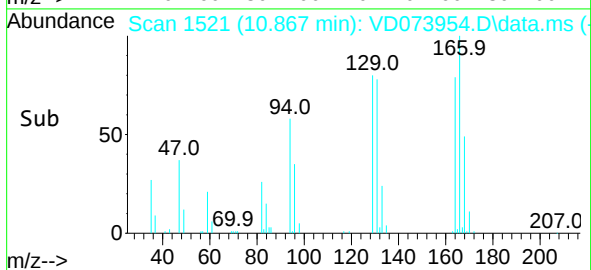
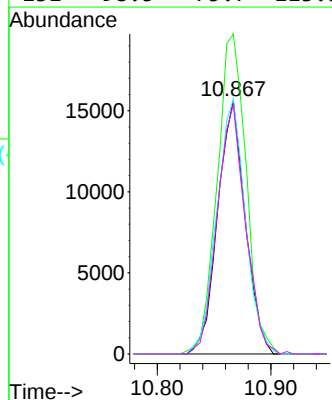
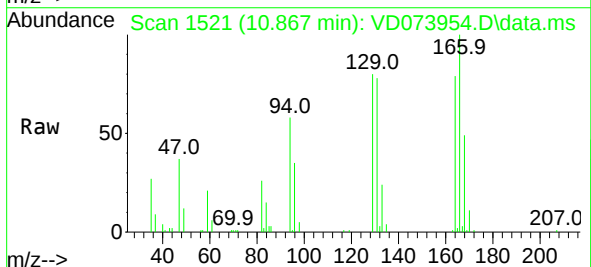
Ion Ratio Lower Upper

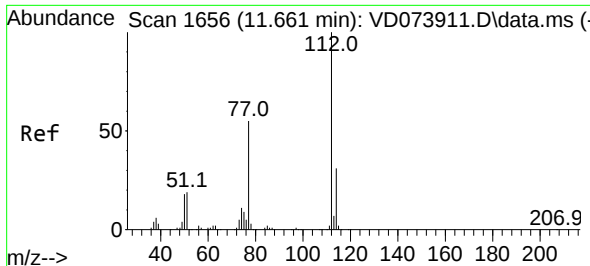
164 100

166 126.3 102.3 153.5

129 100.6 76.6 115.0

131 98.5 75.7 113.5

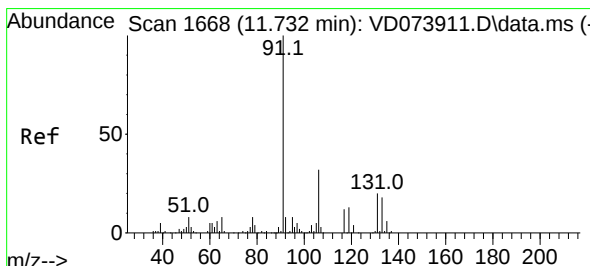
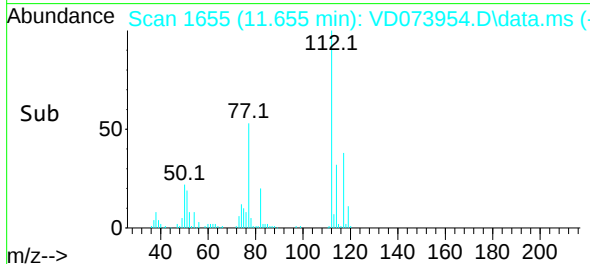
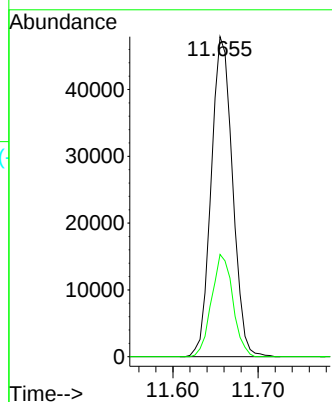
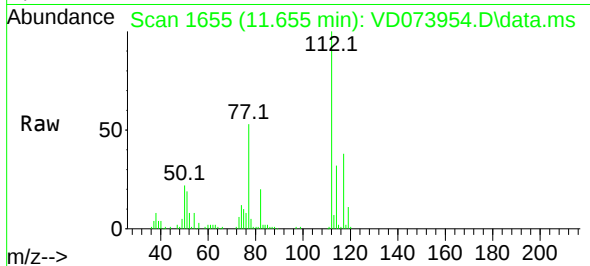




#65
Chlorobenzene
Concen: 18.201 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

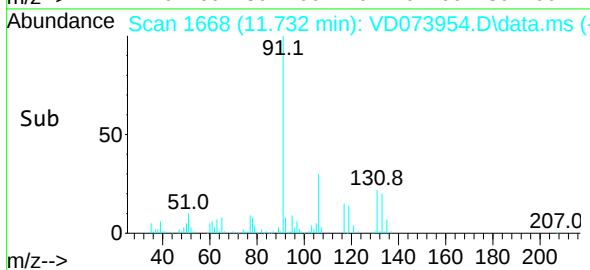
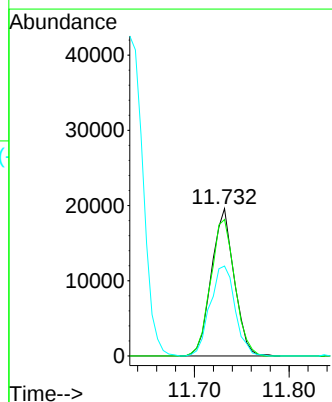
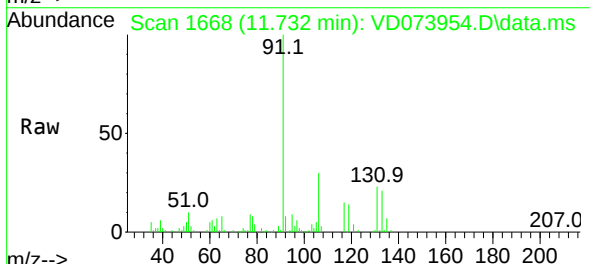
Instrument :
MSVOA_D
ClientSampleId :

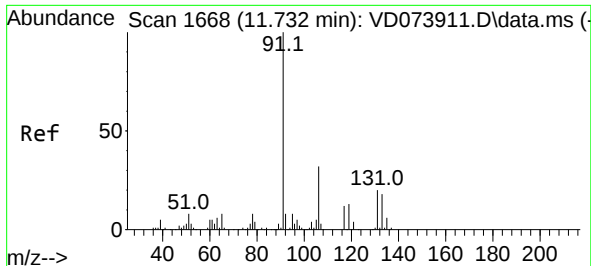
Tgt Ion:112 Resp: 83608
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.638 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion:131 Resp: 32796
Ion Ratio Lower Upper
131 100
133 98.5 46.3 138.9
119 66.9 31.4 94.2





#67

Ethyl Benzene

Concen: 17.685 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

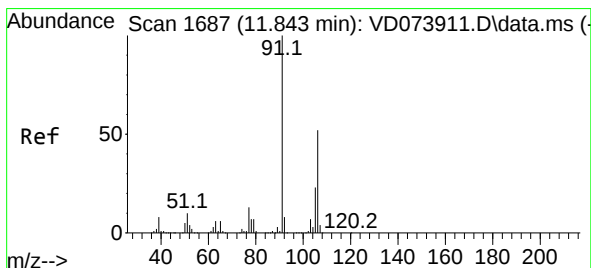
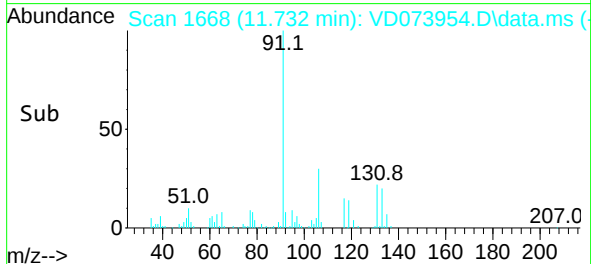
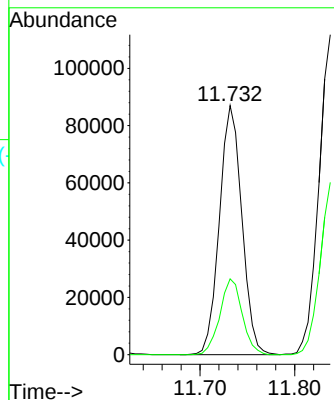
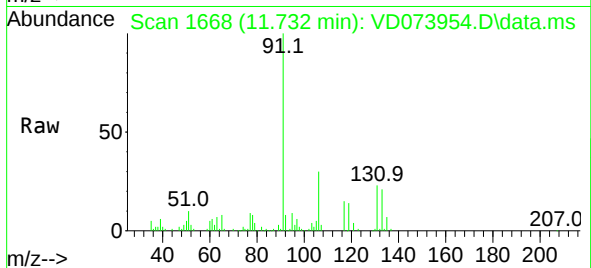
ClientSampleId :

Tgt Ion: 91 Resp: 143491

Ion Ratio Lower Upper

91 100

106 30.4 25.8 38.6



#68

m/p-Xylenes

Concen: 35.190 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073954.D

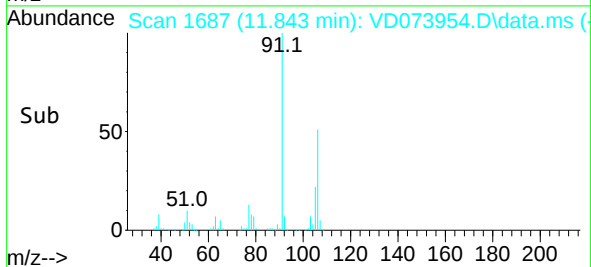
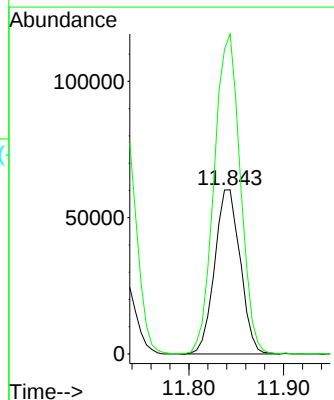
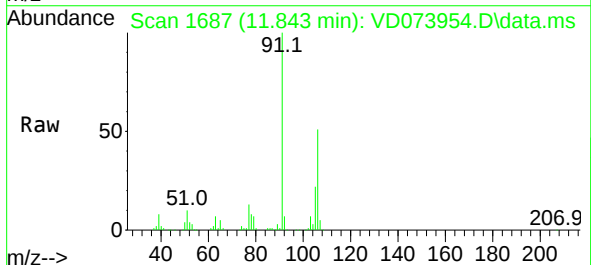
Acq: 04 Aug 2022 15:42

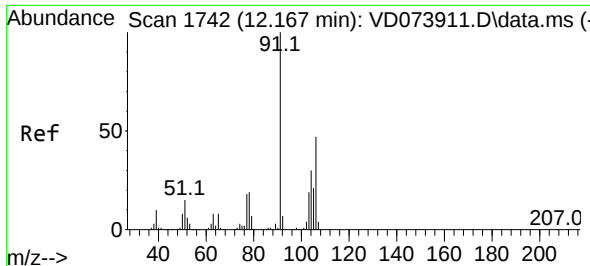
Tgt Ion: 106 Resp: 113185

Ion Ratio Lower Upper

106 100

91 199.0 156.6 234.8

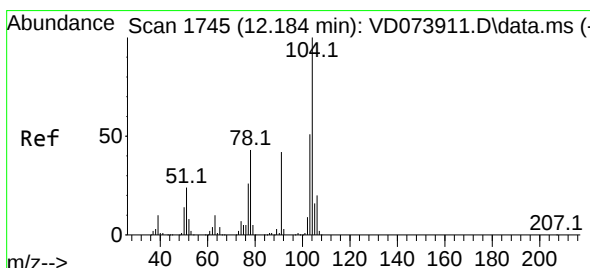
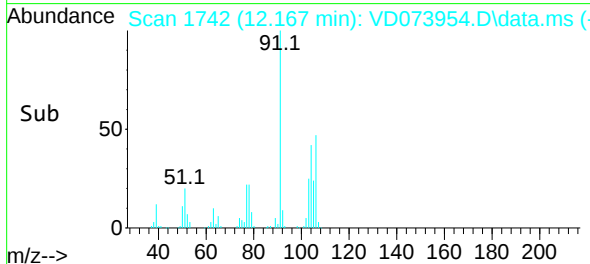
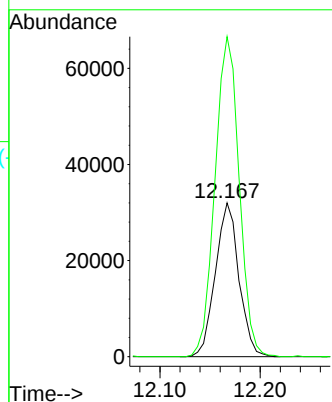
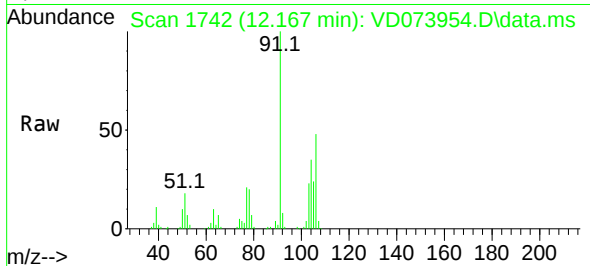




#69
o-Xylene
Concen: 17.309 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

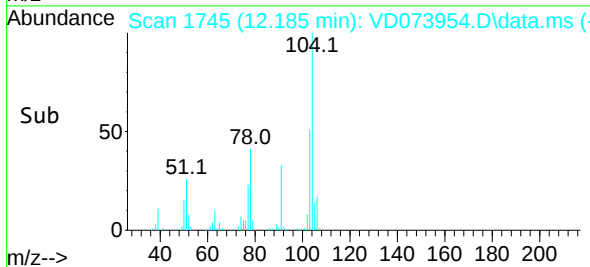
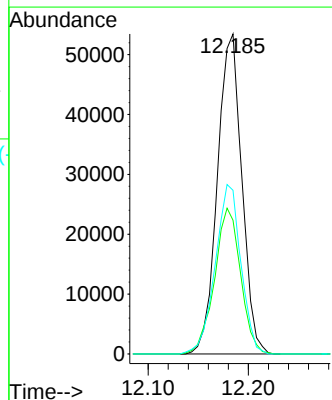
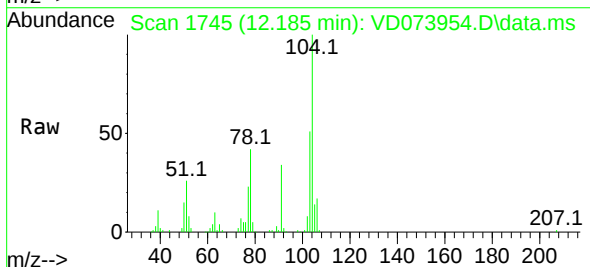
Instrument :
MSVOA_D
ClientSampleId :

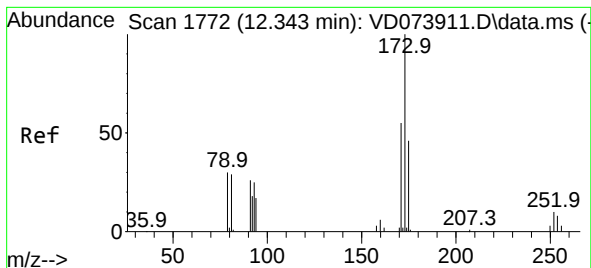
Tgt Ion:106 Resp: 52142
Ion Ratio Lower Upper
106 100
91 214.0 106.1 318.1



#70
Styrene
Concen: 17.769 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion:104 Resp: 90413
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 55.6 43.8 65.6





#71

Bromoform

Concen: 19.736 ug/l

RT: 12.343 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VD073954.D

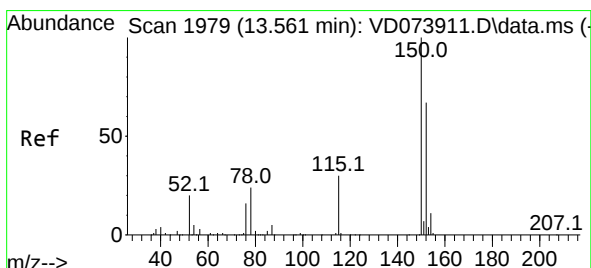
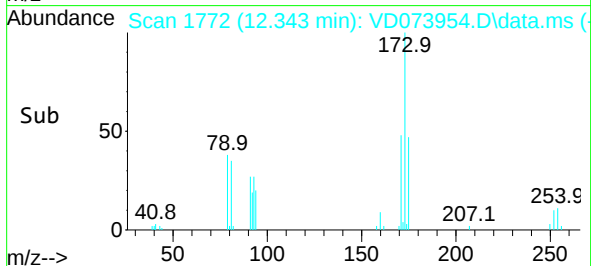
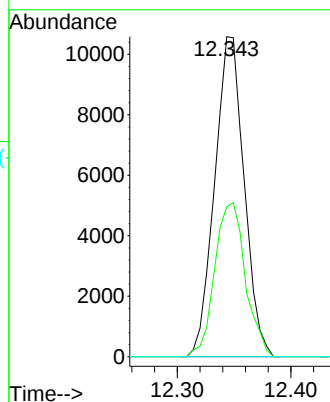
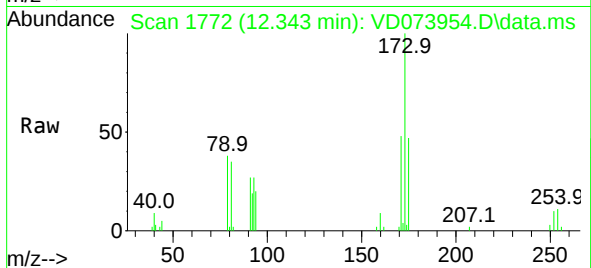
Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	19074
Ion Ratio	Lower	Upper
173	100	
175	50.0	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

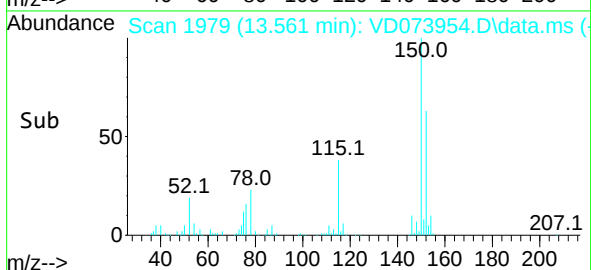
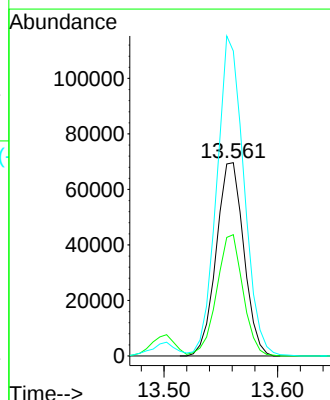
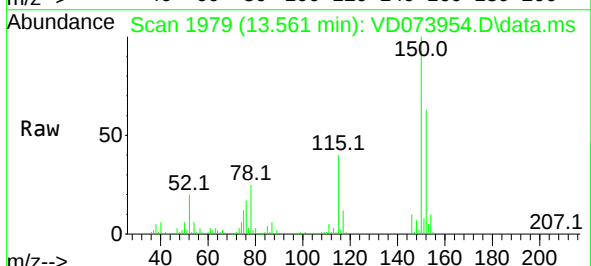
RT: 13.561 min Scan# 1979

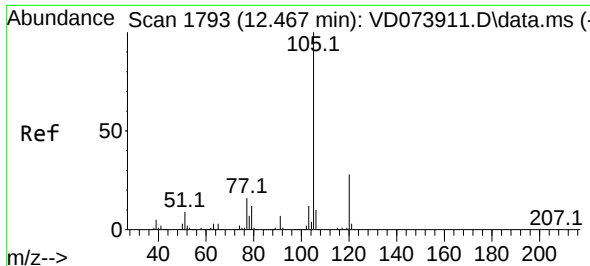
Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Tgt Ion:152	Resp:	117288
Ion Ratio	Lower	Upper
152	100	
115	60.1	29.1 87.3
150	163.9	0.0 338.2

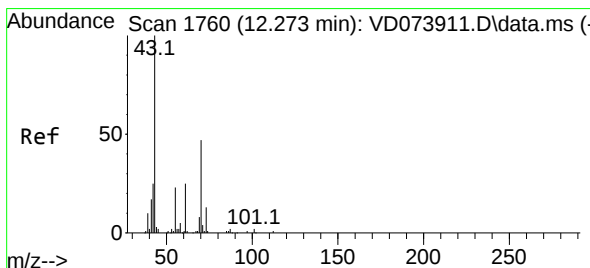
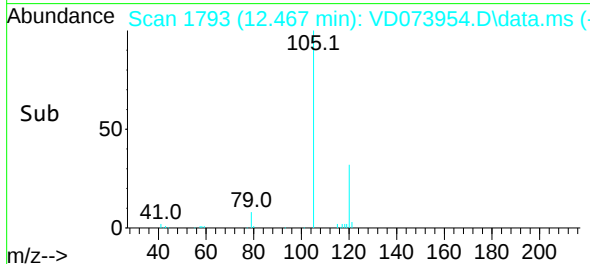
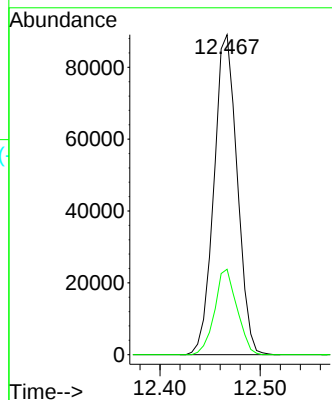
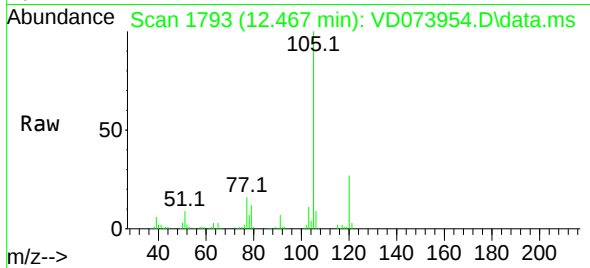




#73
Isopropylbenzene
Concen: 17.736 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

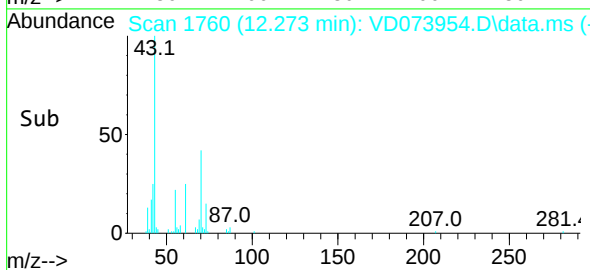
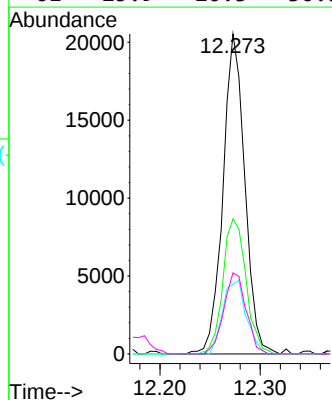
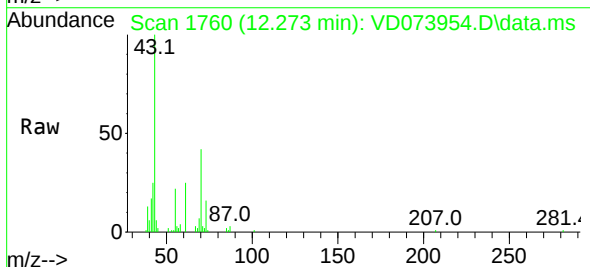
Instrument :
MSVOA_D
ClientSampleId :

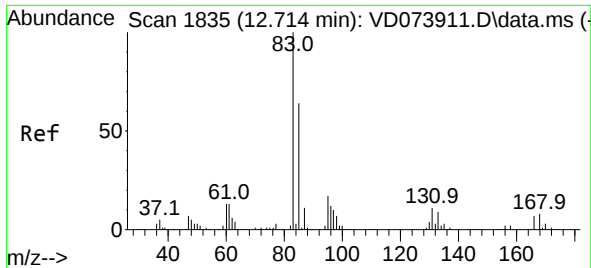
Tgt Ion:105 Resp: 143439
Ion Ratio Lower Upper
105 100
120 25.6 13.7 41.0



#74
N-ethyl acetate
Concen: 19.170 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 43 Resp: 31046
Ion Ratio Lower Upper
43 100
70 44.7 37.1 55.7
55 25.0 19.5 29.3
61 25.9 20.3 30.5

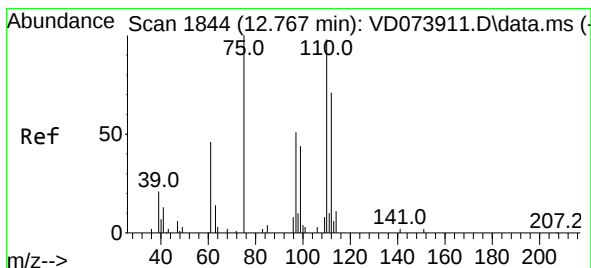
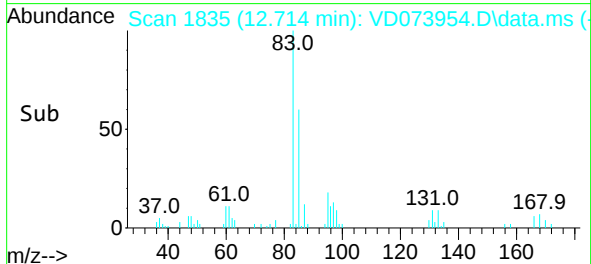
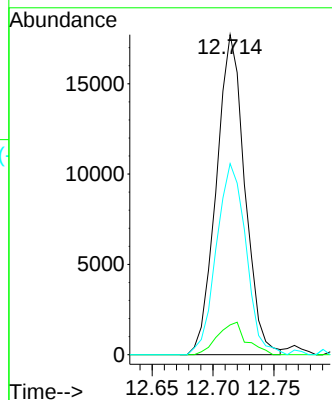
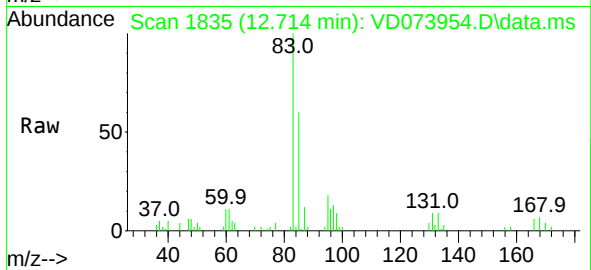




#75
1,1,2,2-Tetrachloroethane
Concen: 20.920 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

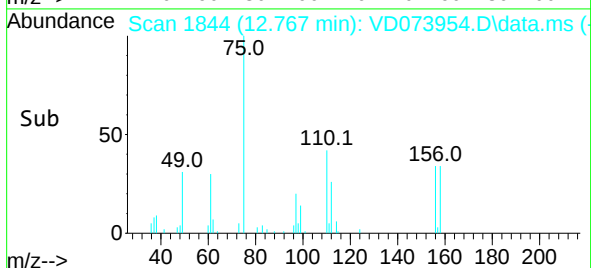
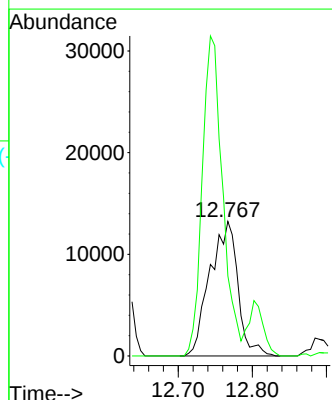
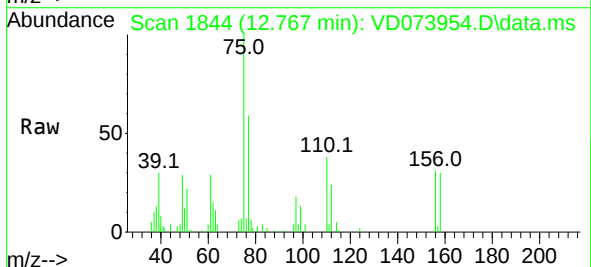
Instrument :
MSVOA_D
ClientSampleId :

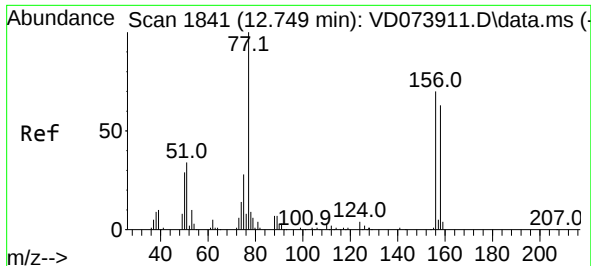
Tgt Ion: 83 Resp: 28821
Ion Ratio Lower Upper
83 100
131 10.2 5.9 17.6
85 62.0 33.4 100.1



#76
1,2,3-Trichloropropane
Concen: 38.653 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 75 Resp: 34674
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

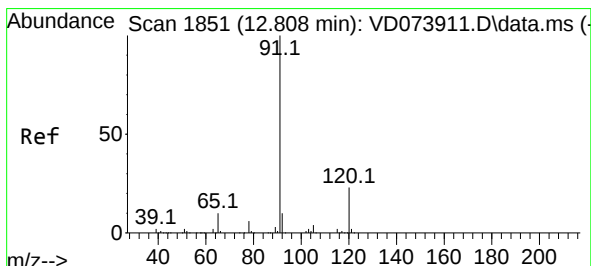
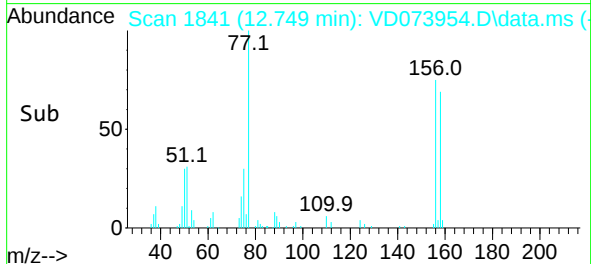
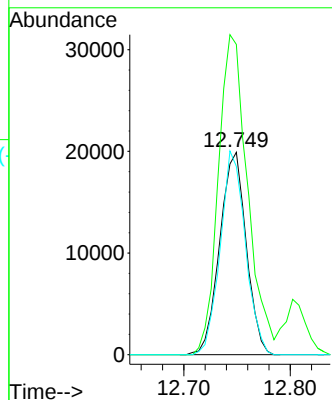
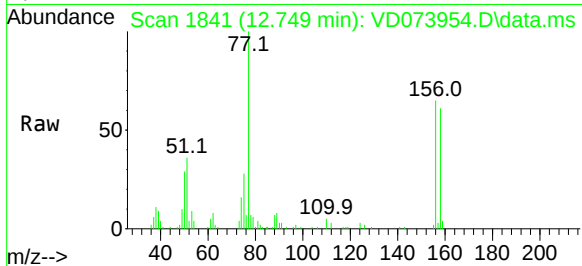




#77
Bromobenzene
Concen: 18.090 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

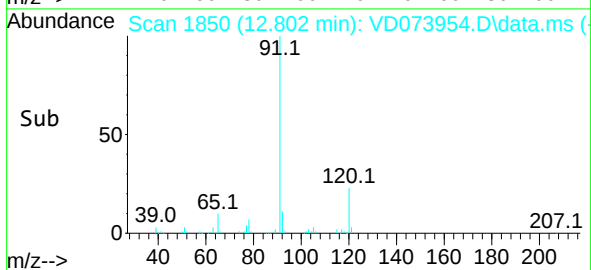
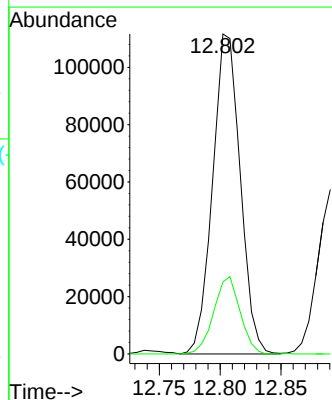
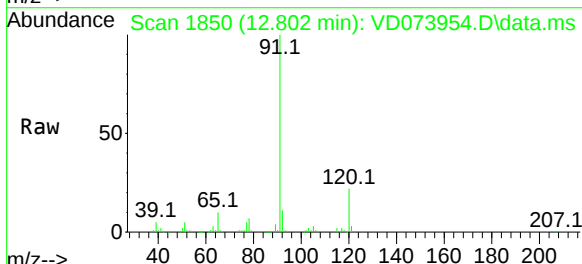
Instrument :
MSVOA_D
ClientSampleId :

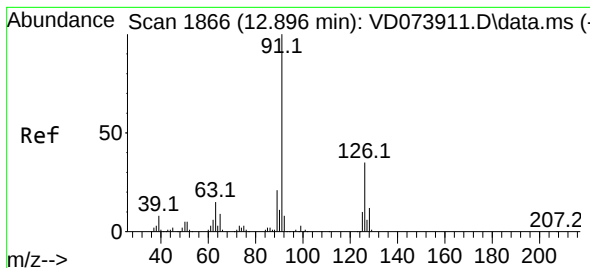
Tgt Ion:156 Resp: 34439
Ion Ratio Lower Upper
156 100
77 174.1 84.4 253.1
158 95.4 48.4 145.3



#78
n-propylbenzene
Concen: 17.930 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 91 Resp: 176336
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.7





#79

2-Chlorotoluene

Concen: 17.763 ug/l

RT: 12.890 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

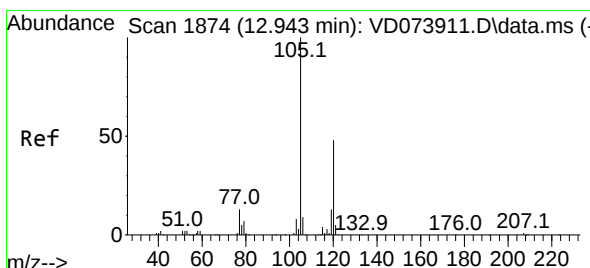
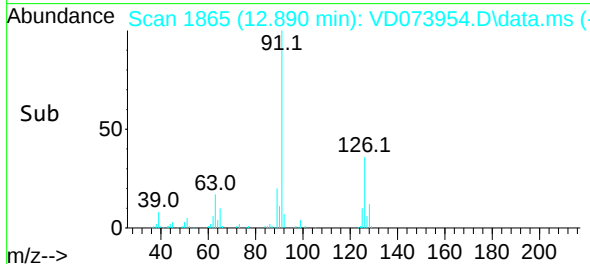
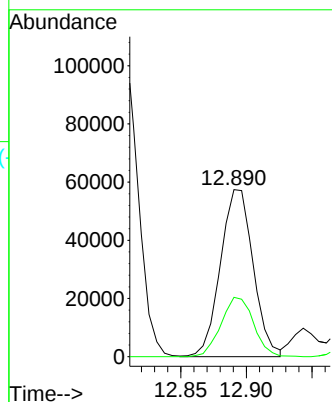
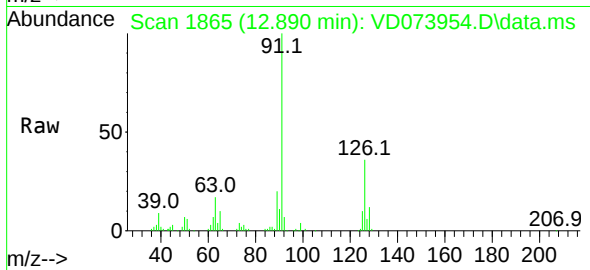
ClientSampleId :

Tgt Ion: 91 Resp: 99933

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 18.029 ug/l

RT: 12.943 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VD073954.D

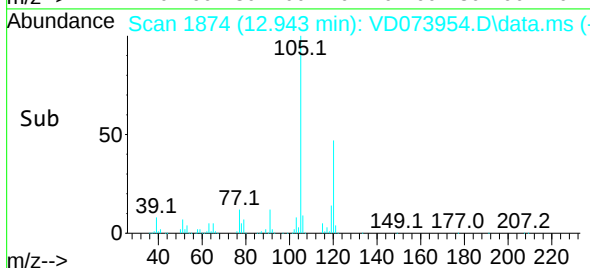
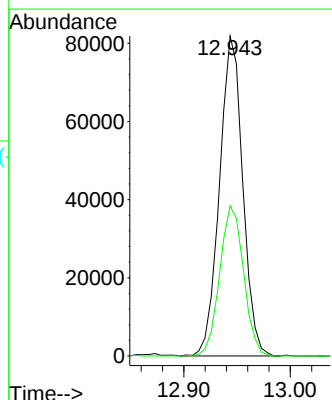
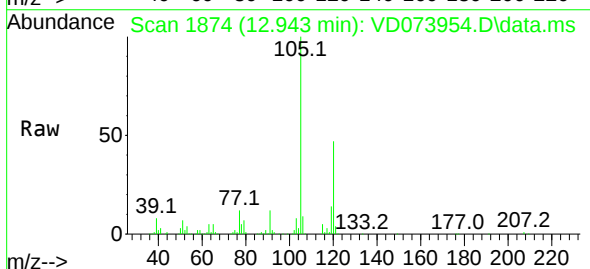
Acq: 04 Aug 2022 15:42

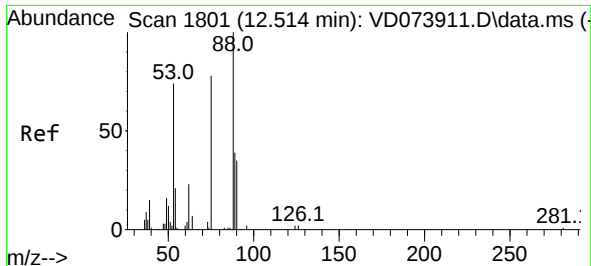
Tgt Ion:105 Resp: 123873

Ion Ratio Lower Upper

105 100

120 48.1 24.9 74.6

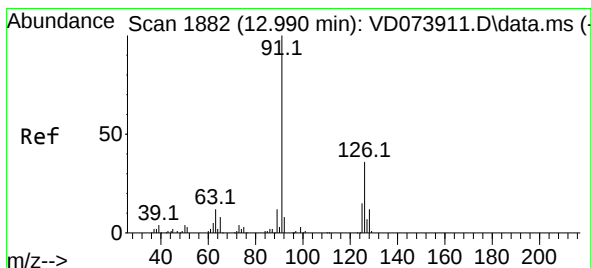
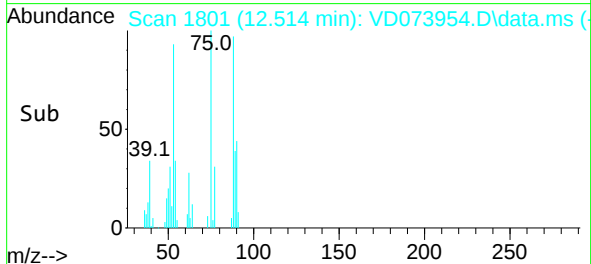
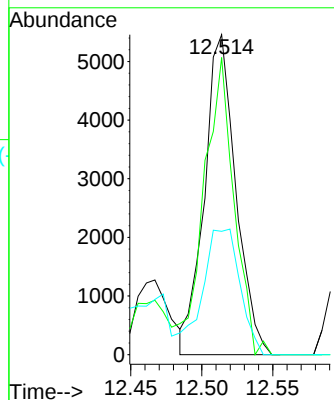
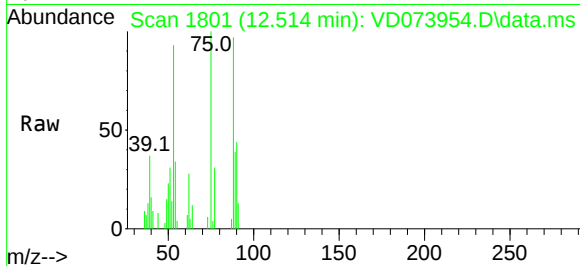




#81
trans-1,4-Dichloro-2-butene
Concen: 20.572 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

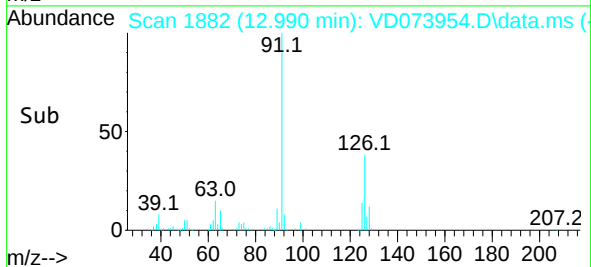
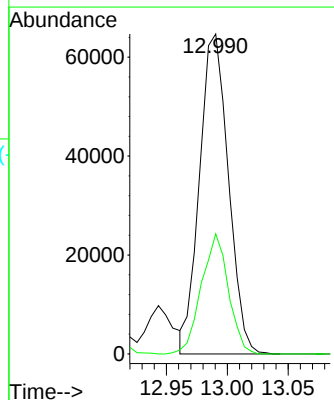
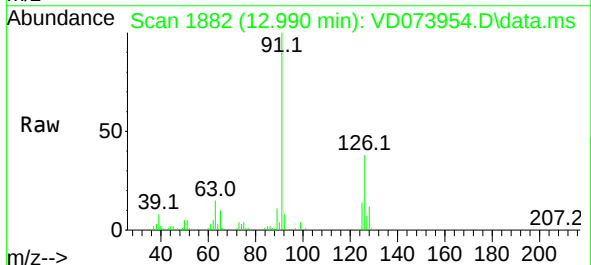
Instrument :
MSVOA_D
ClientSampleId :

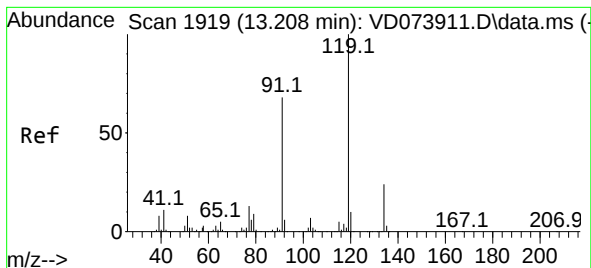
Tgt Ion: 75 Resp: 8410
Ion Ratio Lower Upper
75 100
53 89.4 71.6 107.4
89 46.1 39.8 59.6



#82
4-Chlorotoluene
Concen: 18.050 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

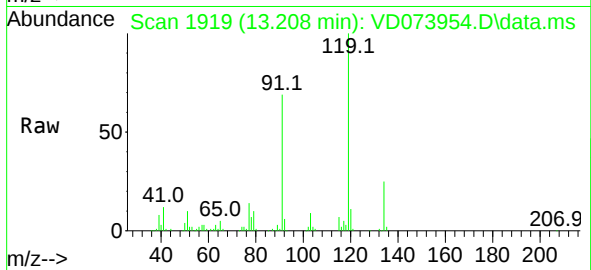
Tgt Ion: 91 Resp: 106447
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5





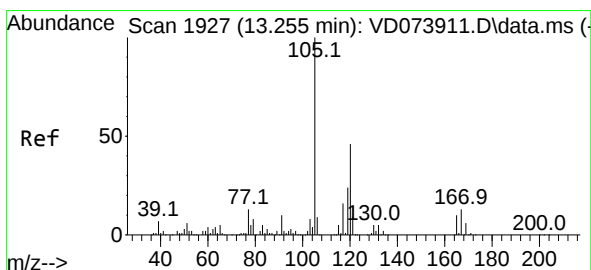
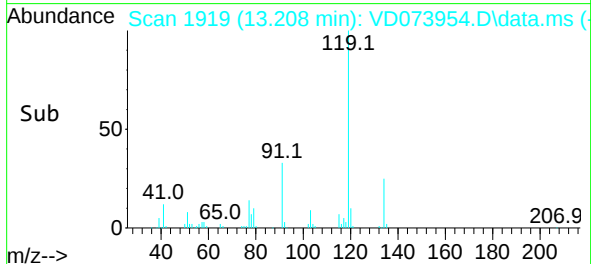
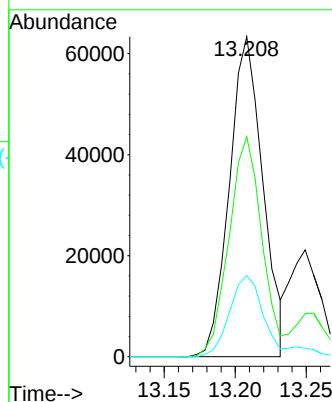
#83
 tert-Butylbenzene
 Concen: 17.345 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:119 Resp: 103763

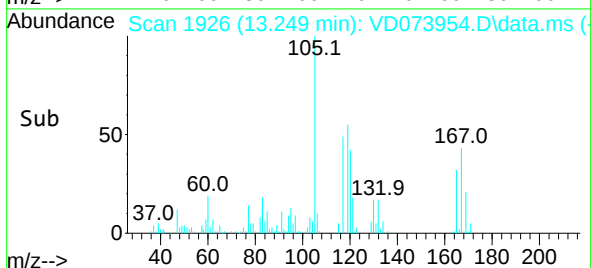
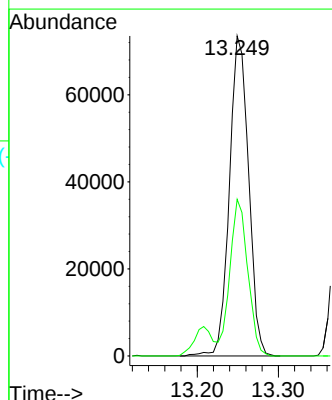
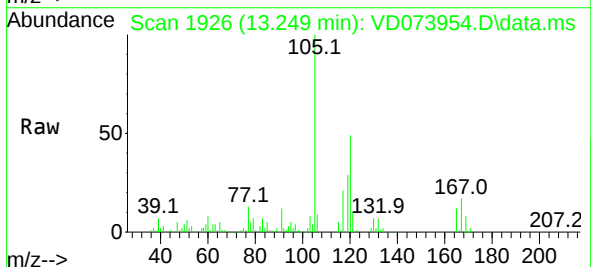
Ion	Ratio	Lower	Upper
119	100		
91	68.8	33.2	99.6
134	25.5	13.6	40.8

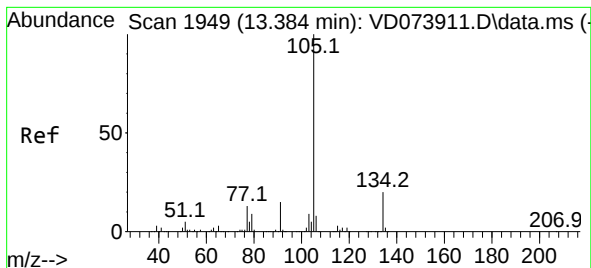


#84
 1,2,4-Trimethylbenzene
 Concen: 17.756 ug/l
 RT: 13.249 min Scan# 1926
 Delta R.T. -0.006 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

Tgt Ion:105 Resp: 120521

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.8	68.4





#85

sec-Butylbenzene

Concen: 17.891 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

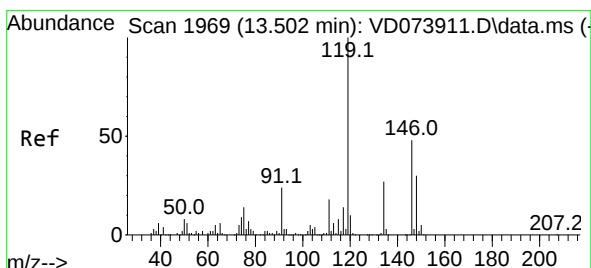
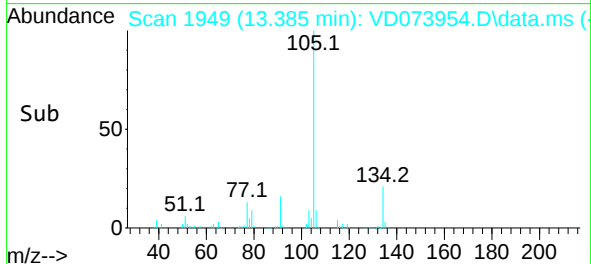
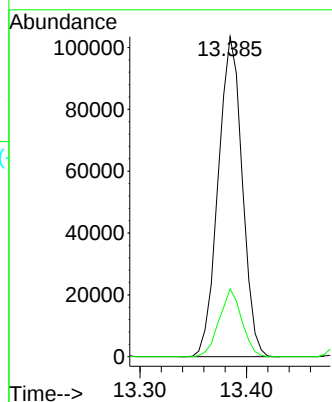
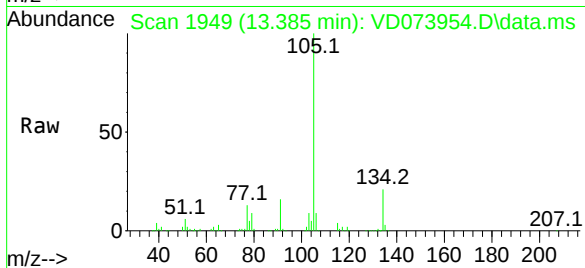
ClientSampleId :

Tgt Ion:105 Resp: 161948

Ion Ratio Lower Upper

105 100

134 19.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 17.595 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

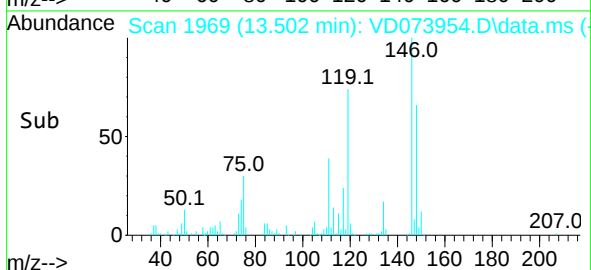
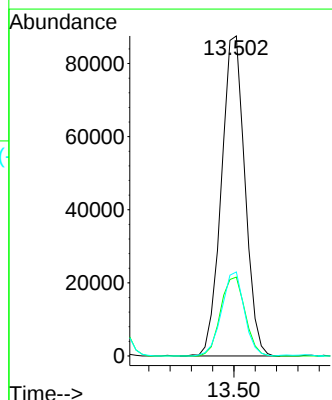
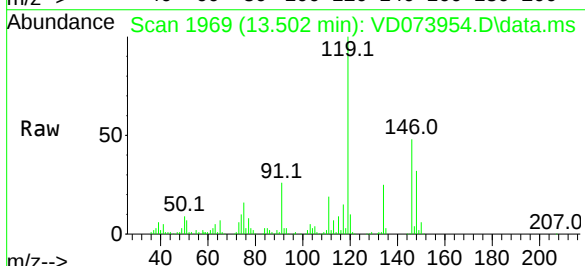
Tgt Ion:119 Resp: 133782

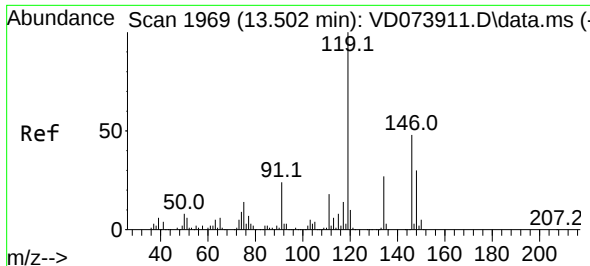
Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.6

91 25.4 12.0 36.0

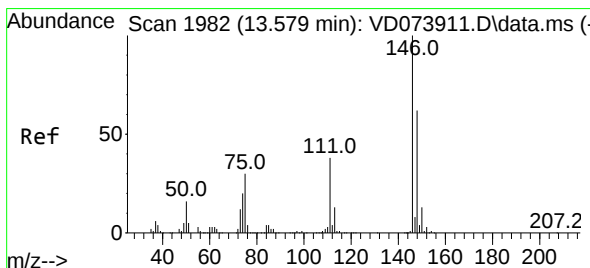
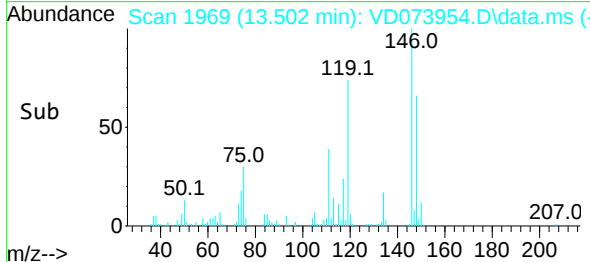
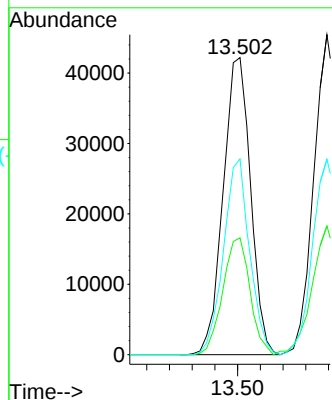
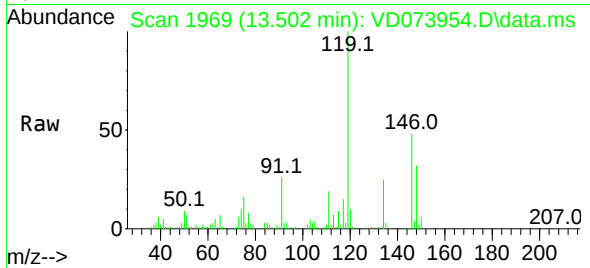




#87
 1,3-Dichlorobenzene
 Concen: 17.796 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

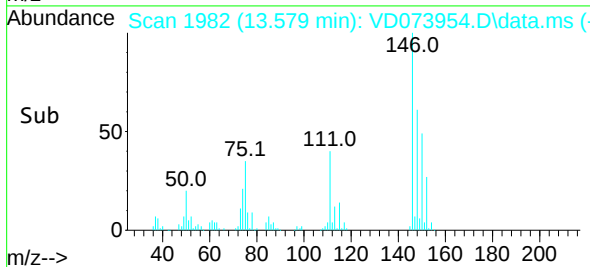
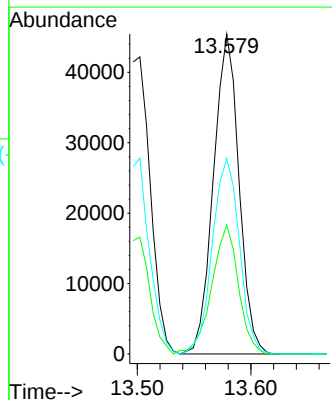
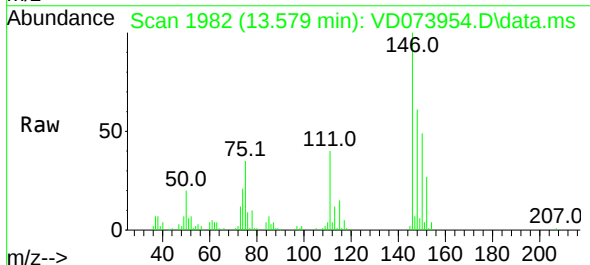
Instrument :
 MSVOA_D
 ClientSampleId :

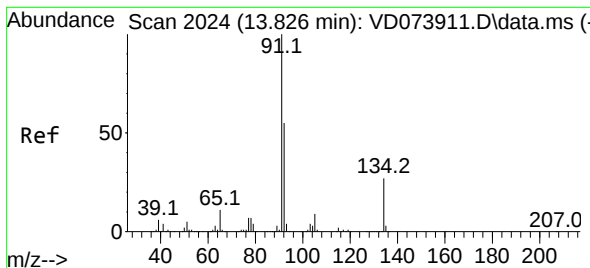
Tgt Ion:146 Resp: 70750
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.9 59.6
 148 63.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.013 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD073954.D
 Acq: 04 Aug 2022 15:42

Tgt Ion:146 Resp: 70936
 Ion Ratio Lower Upper
 146 100
 111 42.1 19.4 58.4
 148 64.7 31.7 95.1





#89

n-Butylbenzene

Concen: 18.264 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

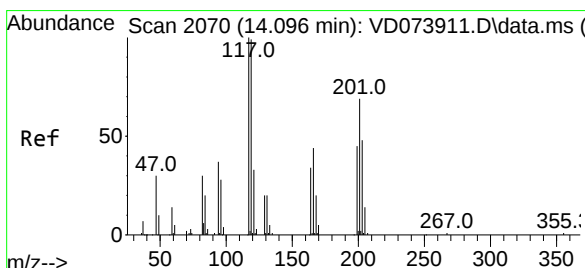
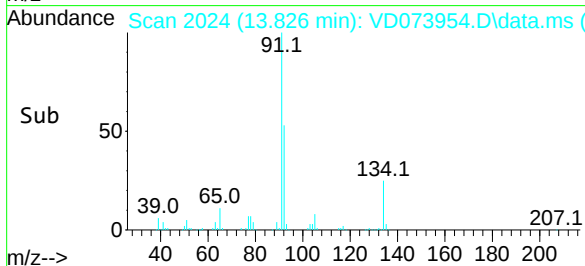
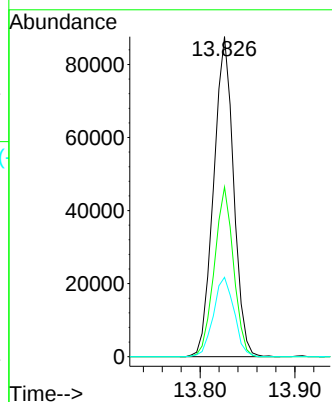
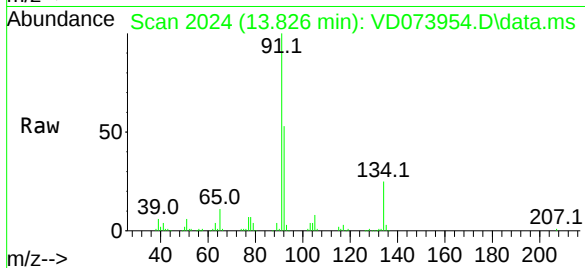
Tgt Ion: 91 Resp: 128052

Ion Ratio Lower Upper

91 100

92 51.0 26.9 80.6

134 25.8 13.6 40.7



#90

Hexachloroethane

Concen: 18.853 ug/l

RT: 14.090 min Scan# 2069

Delta R.T. -0.006 min

Lab File: VD073954.D

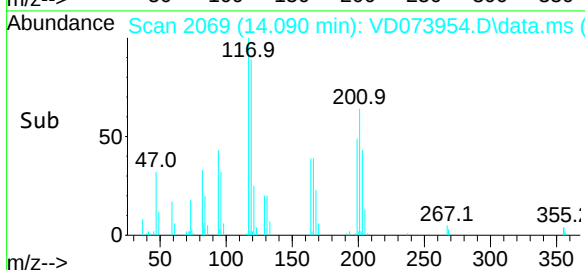
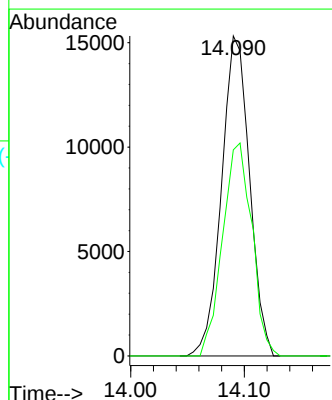
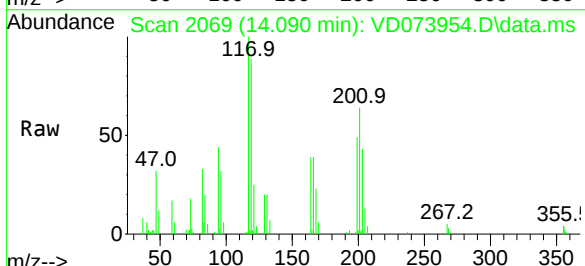
Acq: 04 Aug 2022 15:42

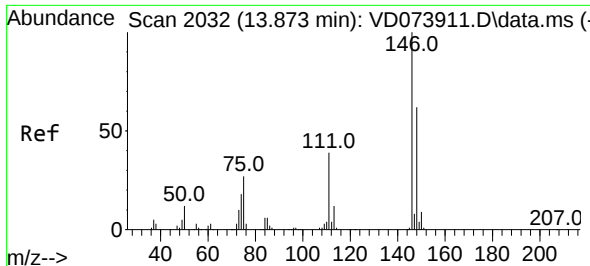
Tgt Ion: 117 Resp: 26269

Ion Ratio Lower Upper

117 100

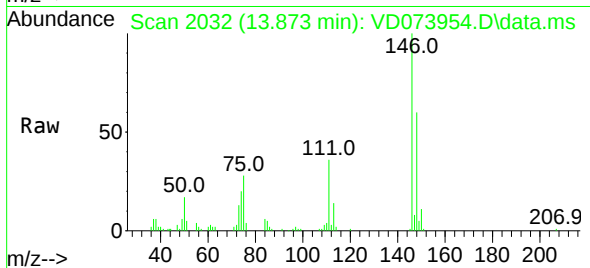
201 69.6 34.2 102.6



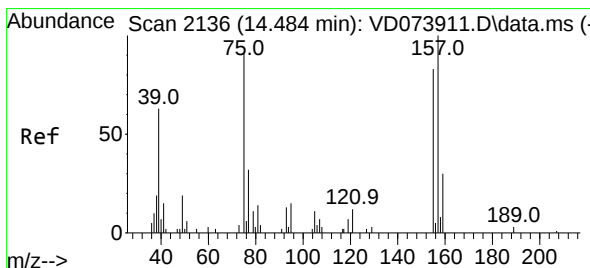
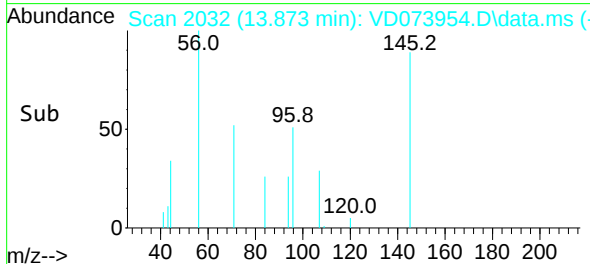
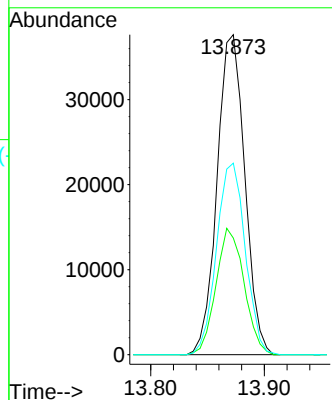


#91
1,2-Dichlorobenzene
Concen: 18.809 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Instrument :
MSVOA_D
ClientSampleId :

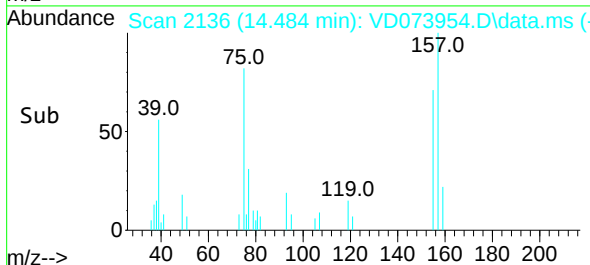
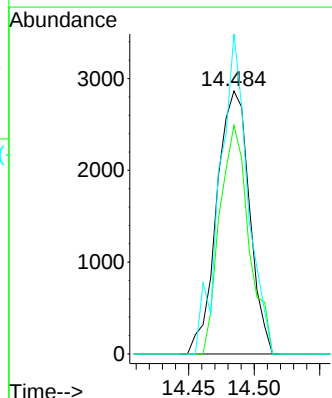
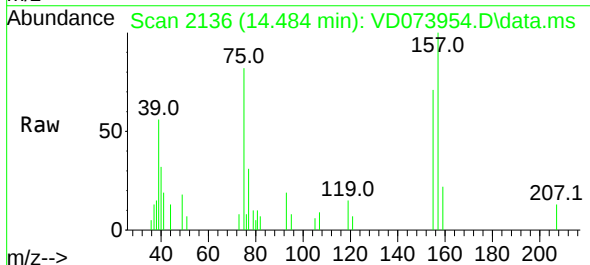


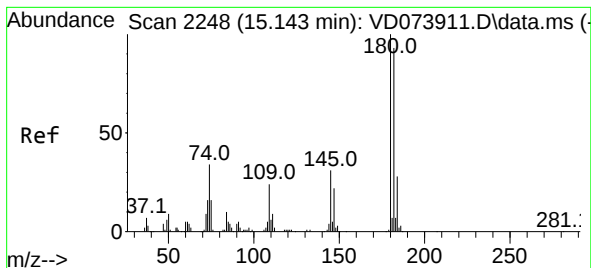
Tgt Ion:146 Resp: 63934
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.3
148 62.0 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.129 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion: 75 Resp: 4958
Ion Ratio Lower Upper
75 100
155 77.3 46.5 139.5
157 104.1 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 17.087 ug/l

RT: 15.137 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

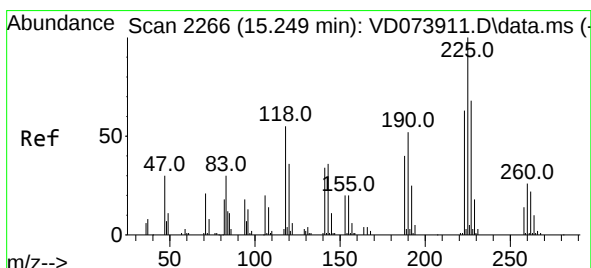
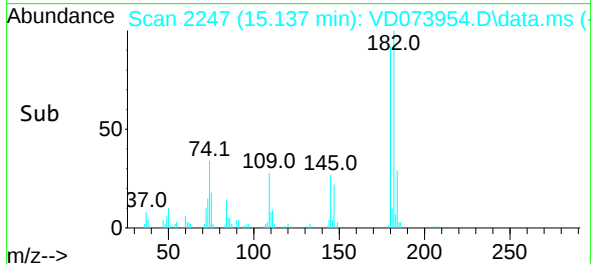
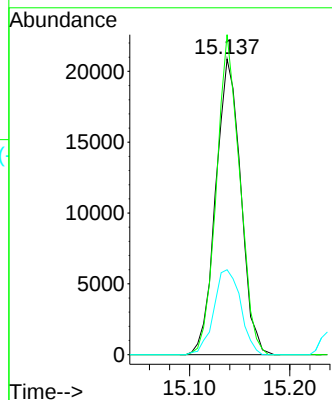
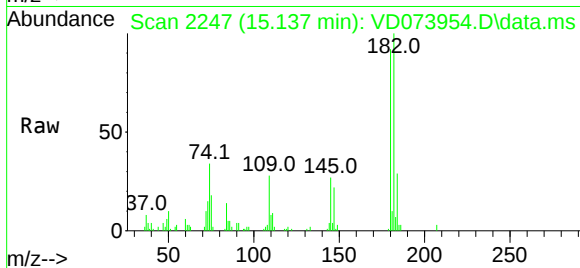
Tgt Ion:180 Resp: 36117

Ion Ratio Lower Upper

180 100

182 100.8 47.6 142.8

145 30.8 16.1 48.3



#94

Hexachlorobutadiene

Concen: 18.020 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. -0.006 min

Lab File: VD073954.D

Acq: 04 Aug 2022 15:42

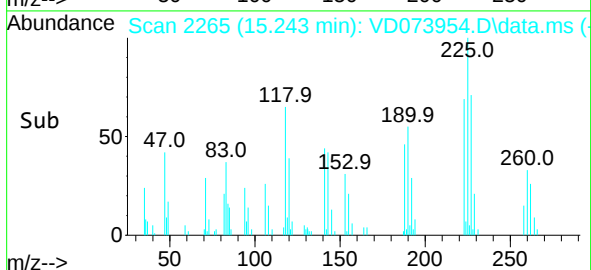
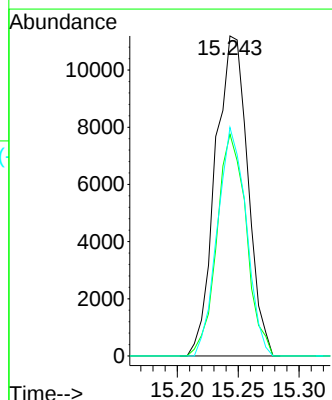
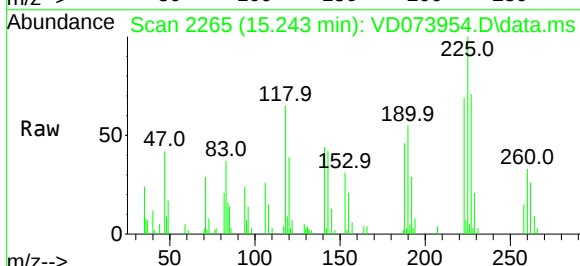
Tgt Ion:225 Resp: 20693

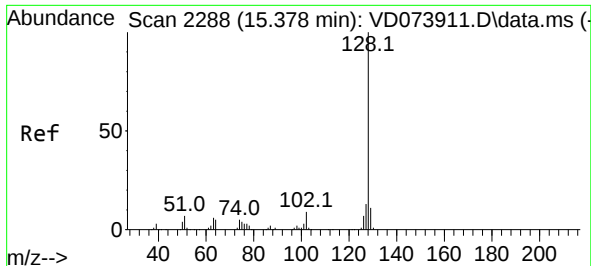
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

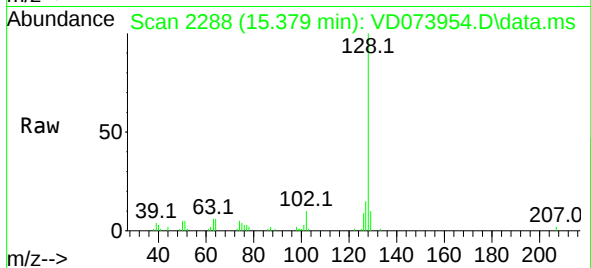
227 63.6 32.3 96.9



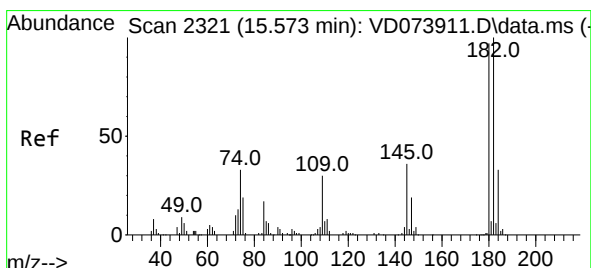
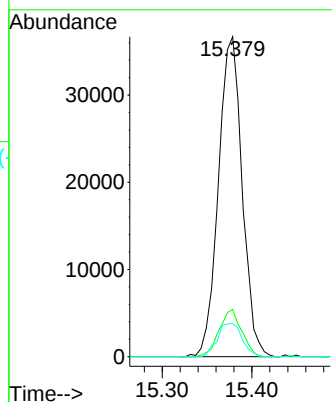
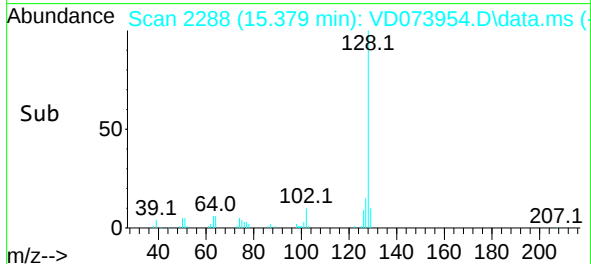


#95
Naphthalene
Concen: 17.455 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 67386
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 17.995 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073954.D
Acq: 04 Aug 2022 15:42

Tgt Ion:180 Resp: 32878
Ion Ratio Lower Upper
180 100
182 88.9 48.7 146.1
145 31.6 17.2 51.5

