

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073037.D
 Acq On : 16 May 2022 16:10
 Operator : VA/SY
 Sample : VD0516SBS01
 Misc : 4.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Quant Time: May 17 03:28:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	293268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	485914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	462660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	235858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174422	45.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.640%
35) Dibromofluoromethane	7.909	113	174570	51.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.300%
50) Toluene-d8	10.332	98	626799	51.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.620	95	229597	50.301	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	72731	17.947	ug/l	98
3) Chloromethane	2.209	50	67327	15.975	ug/l	99
4) Vinyl Chloride	2.344	62	66449	17.571	ug/l	99
5) Bromomethane	2.750	94	44021	17.934	ug/l	91
6) Chloroethane	2.909	64	40624	17.236	ug/l	95
7) Trichlorofluoromethane	3.262	101	130269	19.672	ug/l	97
8) Diethyl Ether	3.709	74	33938	17.876	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	79141	20.130	ug/l	96
10) Methyl Iodide	4.297	142	64476	16.341	ug/l	99
11) Tert butyl alcohol	5.185	59	30937	93.927	ug/l #	81
12) 1,1-Dichloroethene	4.062	96	66700	18.862	ug/l	90
13) Acrolein	3.926	56	13598	45.660	ug/l	98
14) Allyl chloride	4.709	41	107376	18.807	ug/l	91
15) Acrylonitrile	5.420	53	82257	91.167	ug/l	95
16) Acetone	4.150	43	62887	78.706	ug/l	95
17) Carbon Disulfide	4.403	76	192004	17.268	ug/l	96
18) Methyl Acetate	4.709	43	46278	22.203	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	157130	18.535	ug/l	99
20) Methylene Chloride	4.962	84	112546	21.077	ug/l	90
21) trans-1,2-Dichloroethene	5.462	96	77638	19.143	ug/l	91
22) Diisopropyl ether	6.362	45	229119	18.243	ug/l	96
23) Vinyl Acetate	6.297	43	588887	84.880	ug/l	95
24) 1,1-Dichloroethane	6.256	63	148384	19.665	ug/l	95
25) 2-Butanone	7.209	43	100765	90.845	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	123509	19.362	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	87473	18.831	ug/l	93
28) Bromochloromethane	7.538	49	48228	17.140	ug/l #	82
29) Tetrahydrofuran	7.562	42	62558	88.483	ug/l	93
30) Chloroform	7.709	83	155191	19.438	ug/l	96
31) Cyclohexane	7.979	56	123275	18.525	ug/l	87
32) 1,1,1-Trichloroethane	7.903	97	136508	20.061	ug/l	96
36) 1,1-Dichloropropene	8.109	75	111909	20.167	ug/l	96
37) Ethyl Acetate	7.285	43	43364	16.999	ug/l #	94
38) Carbon Tetrachloride	8.091	117	123930	21.515	ug/l	95
39) Methylcyclohexane	9.350	83	125322	19.471	ug/l	97
40) Benzene	8.344	78	323492	20.187	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	26340	17.342	ug/l #	91
42) 1,2-Dichloroethane	8.420	62	93058	19.271	ug/l	96
43) Isopropyl Acetate	8.444	43	87733	18.634	ug/l	93
44) Trichloroethene	9.109	130	85498	19.943	ug/l	92
45) 1,2-Dichloropropane	9.379	63	82247	19.544	ug/l	90
46) Dibromomethane	9.473	93	44246	19.060	ug/l	95
47) Bromodichloromethane	9.656	83	119387	19.991	ug/l	99
48) Methyl methacrylate	9.450	41	41274	17.919	ug/l #	84
49) 1,4-Dioxane	9.456	88	10542	403.270	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	235704	96.341	ug/l	93
52) Toluene	10.397	92	206688	20.677	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	106794	19.469	ug/l	91
54) cis-1,3-Dichloropropene	10.085	75	125622	19.712	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	62814	20.016	ug/l	94
56) Ethyl methacrylate	10.650	69	70229	19.007	ug/l	87
57) 1,3-Dichloropropane	10.938	76	105043	19.505	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	161464	90.129	ug/l	96
59) 2-Hexanone	10.973	43	157152	95.460	ug/l	97
60) Dibromochloromethane	11.132	129	78765	19.938	ug/l	99
61) 1,2-Dibromoethane	11.232	107	61879	20.258	ug/l	97
64) Tetrachloroethene	10.867	164	72942	21.564	ug/l	98
65) Chlorobenzene	11.661	112	224762	21.004	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	81593	20.289	ug/l	96
67) Ethyl Benzene	11.738	91	378587	20.443	ug/l	97
68) m/p-Xylenes	11.844	106	301256	42.230	ug/l	99
69) o-Xylene	12.173	106	139174	20.889	ug/l	97
70) Styrene	12.185	104	245139	21.236	ug/l	97
71) Bromoform	12.350	173	45518	20.884	ug/l #	99
73) Isopropylbenzene	12.467	105	370386	20.184	ug/l	99
74) N-amyl acetate	12.279	43	84906	18.580	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	72322	19.524	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	89526	34.041	ug/l #	100
77) Bromobenzene	12.750	156	88107	20.219	ug/l	92
78) n-propylbenzene	12.808	91	473569	20.476	ug/l	100
79) 2-Chlorotoluene	12.897	91	268026	19.839	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	321917	20.689	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	21215	18.550	ug/l	93
82) 4-Chlorotoluene	12.991	91	285965	20.258	ug/l	99
83) tert-Butylbenzene	13.208	119	266772	20.166	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	318572	20.483	ug/l	98
85) sec-Butylbenzene	13.391	105	410798	20.589	ug/l	100
86) p-Isopropyltoluene	13.502	119	337221	20.615	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	182629	20.805	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	182644	20.893	ug/l	100
89) n-Butylbenzene	13.826	91	318476	20.097	ug/l	99
90) Hexachloroethane	14.097	117	69401	20.709	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	155924	20.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10998	18.730	ug/l	85
93) 1,2,4-Trichlorobenzene	15.144	180	89622	19.781	ug/l	98
94) Hexachlorobutadiene	15.249	225	50837	20.545	ug/l	99
95) Naphthalene	15.379	128	154918	18.597	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	80063	19.934	ug/l	99

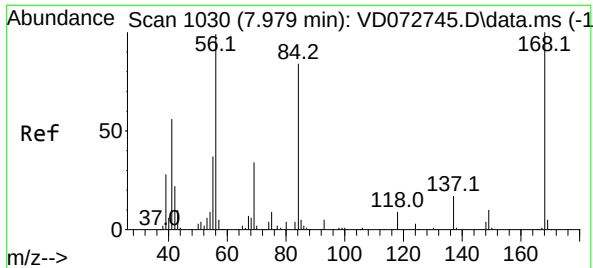
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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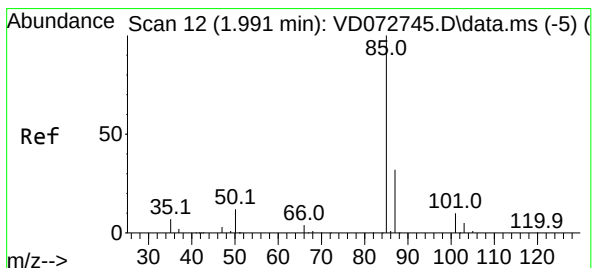
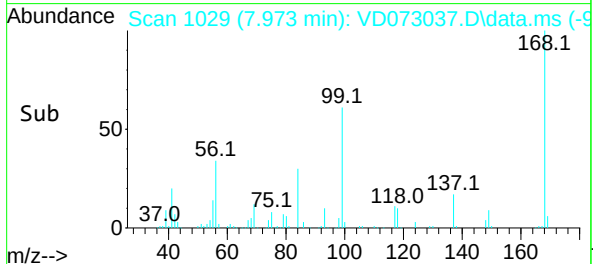
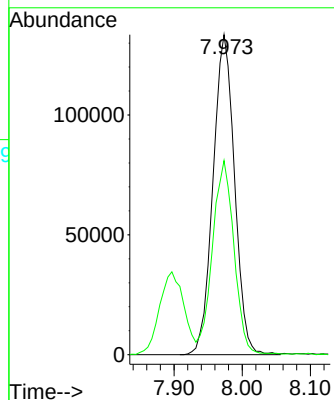
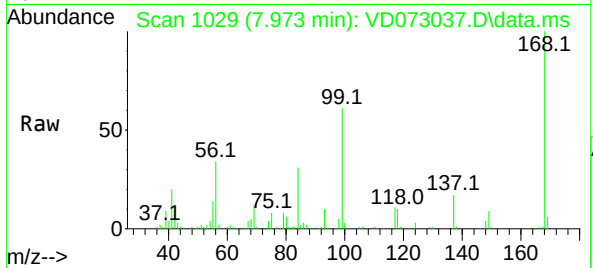
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
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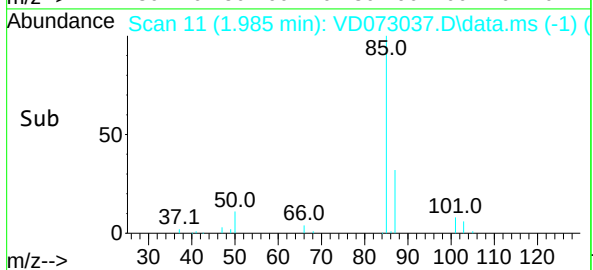
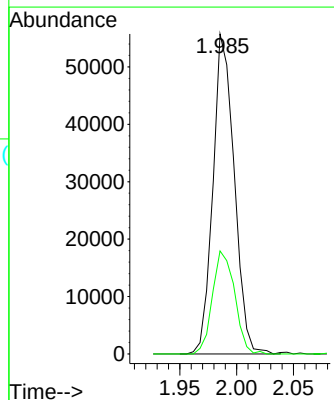
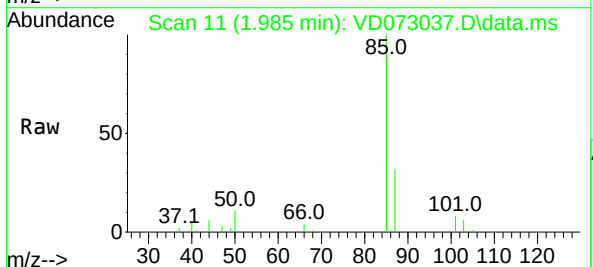
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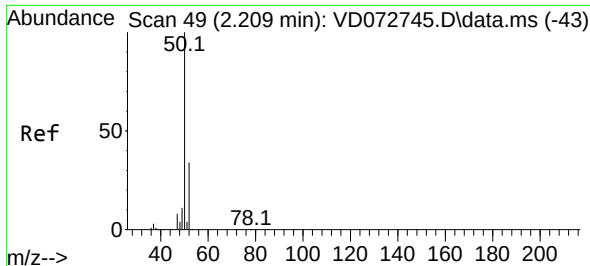
Tgt Ion:168 Resp: 293268
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 17.947 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 85 Resp: 72731
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0

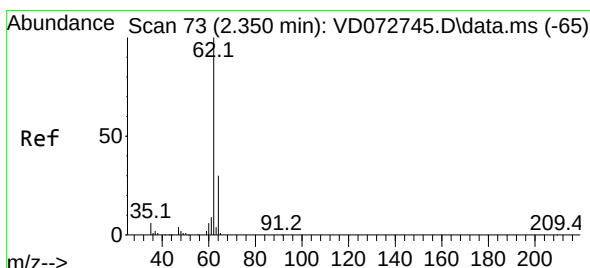
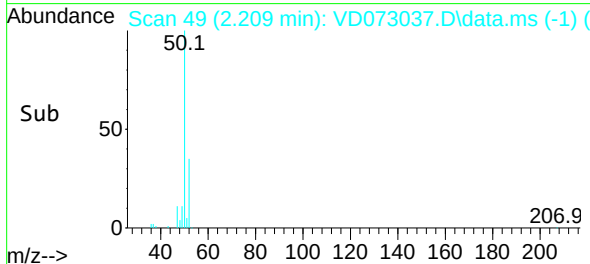
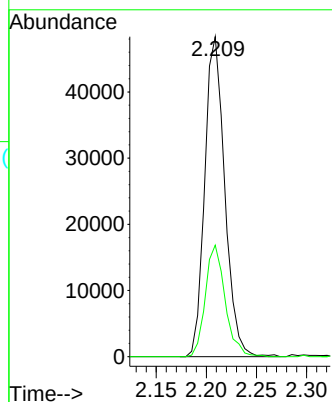
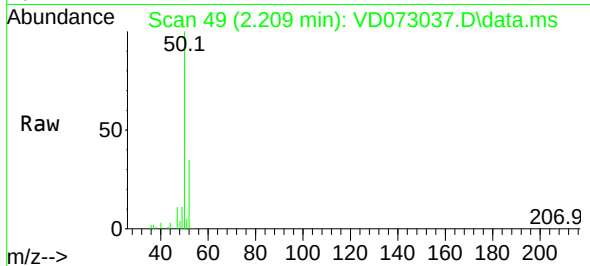




#3
Chloromethane
Concen: 15.975 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

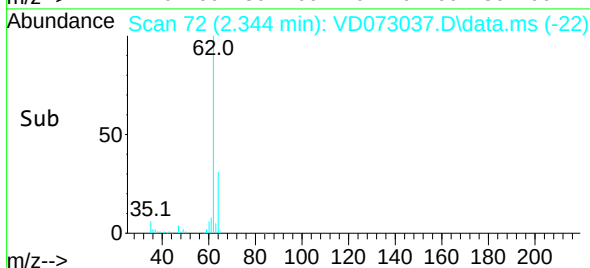
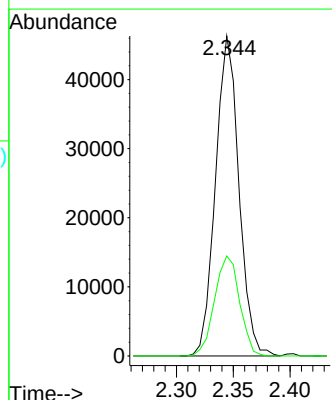
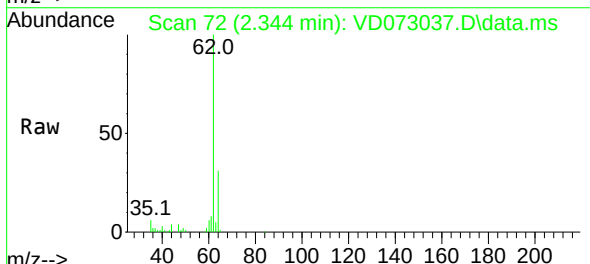
Instrument :
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ClientSampleId :
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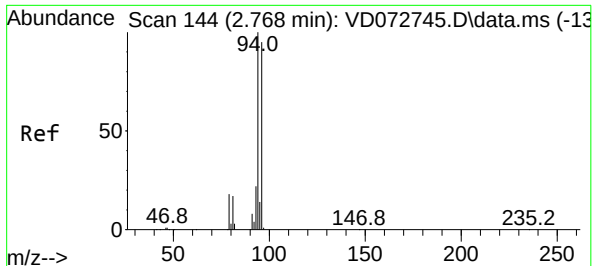
Tgt Ion: 50 Resp: 67327
Ion Ratio Lower Upper
50 100
52 34.8 27.4 41.0



#4
Vinyl Chloride
Concen: 17.571 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 62 Resp: 66449
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0

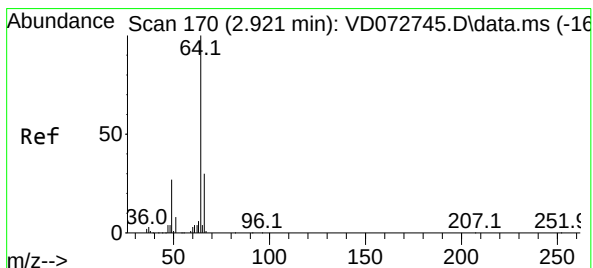
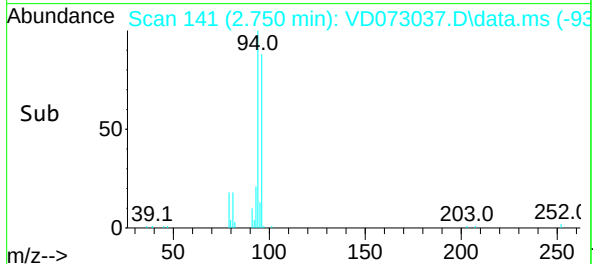
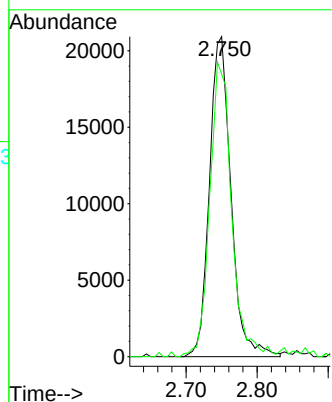
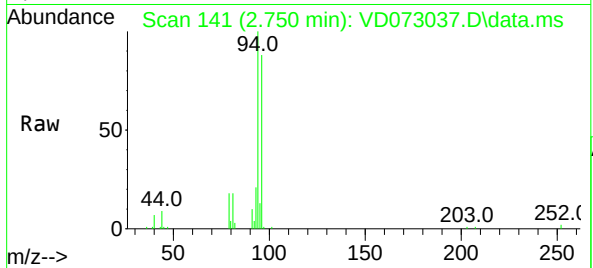




#5
Bromomethane
Concen: 17.934 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

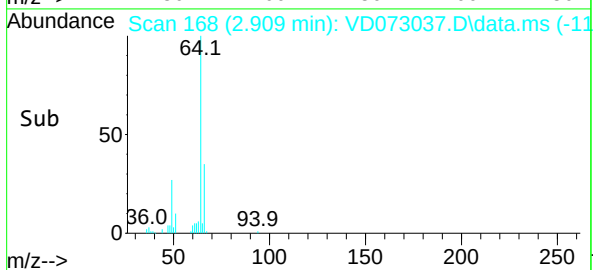
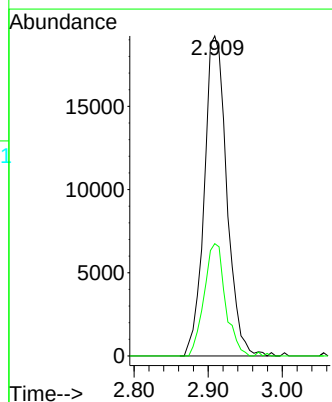
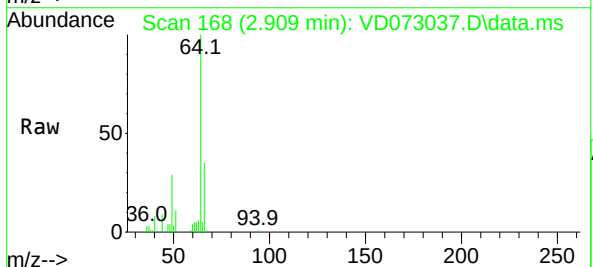
Instrument :
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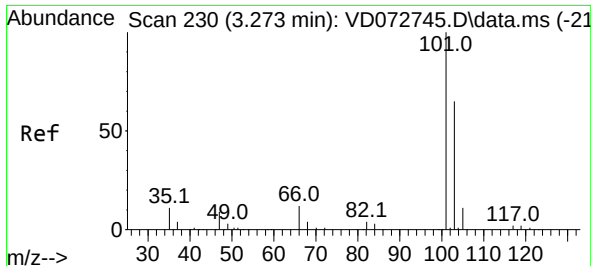
Tgt Ion: 94 Resp: 44021
Ion Ratio Lower Upper
94 100
96 88.3 77.6 116.4



#6
Chloroethane
Concen: 17.236 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 64 Resp: 40624
Ion Ratio Lower Upper
64 100
66 35.1 25.9 38.9

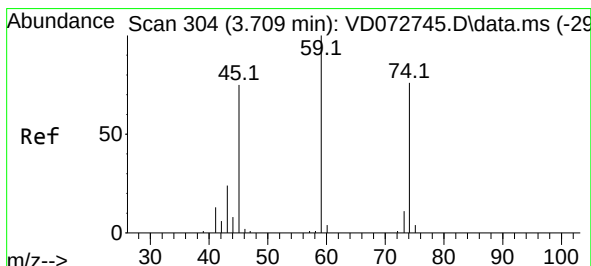
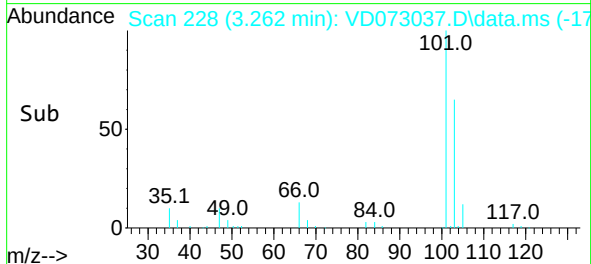
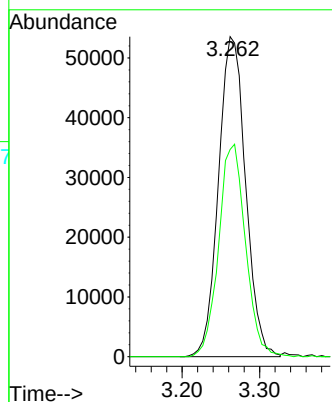
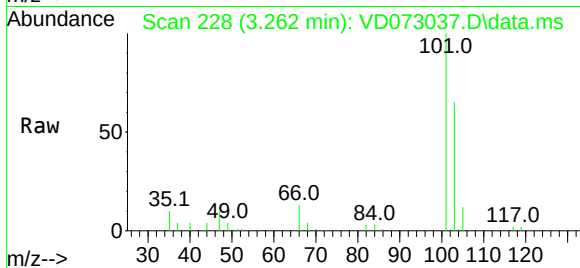




#7
 Trichlorofluoromethane
 Concen: 19.672 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

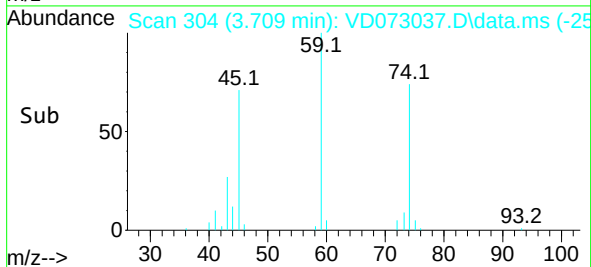
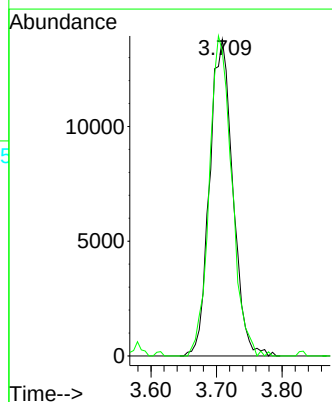
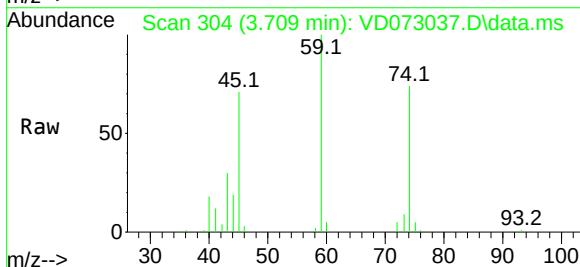
Instrument :
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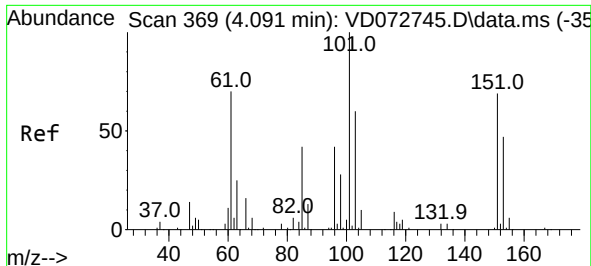
Tgt Ion:101 Resp: 130269
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 17.876 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

Tgt Ion: 74 Resp: 33938
 Ion Ratio Lower Upper
 74 100
 45 98.2 52.6 157.8

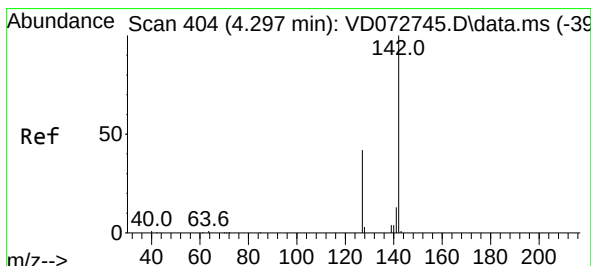
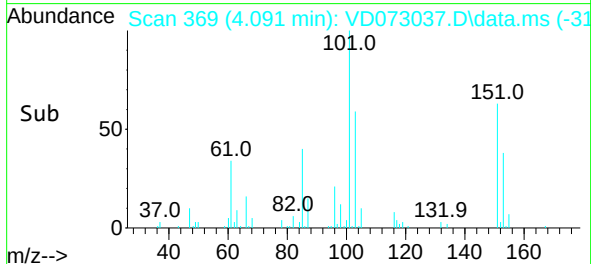
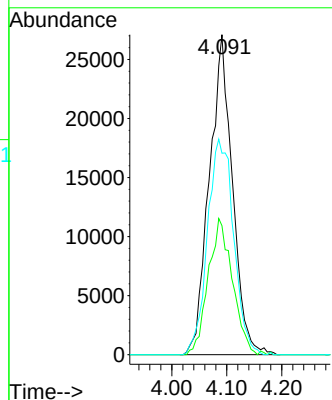
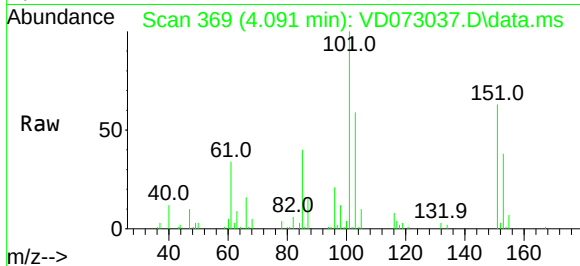




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.130 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073037.D
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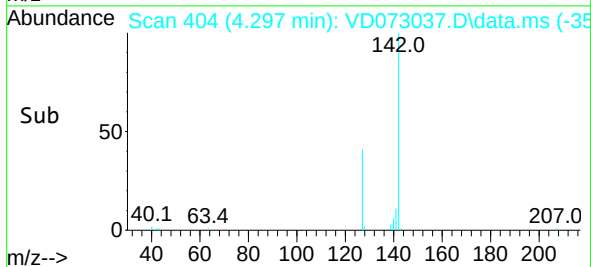
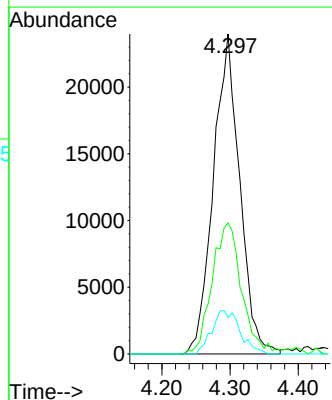
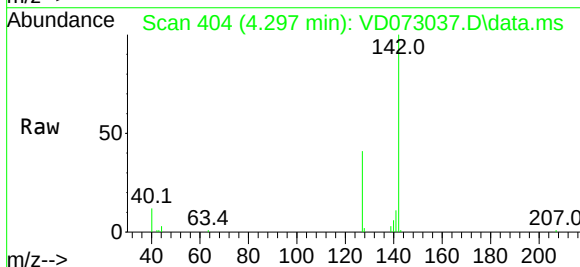
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ClientSampleId :
VD0516SBS01

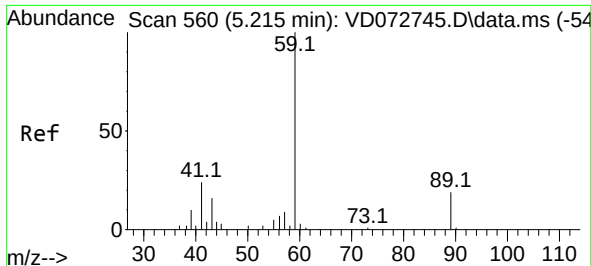
Tgt Ion:101 Resp: 79141
Ion Ratio Lower Upper
101 100
85 44.4 36.4 54.6
151 76.2 57.3 85.9



#10
Methyl Iodide
Concen: 16.341 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion:142 Resp: 64476
Ion Ratio Lower Upper
142 100
127 45.9 37.3 55.9
141 14.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 93.927 ug/l

RT: 5.185 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

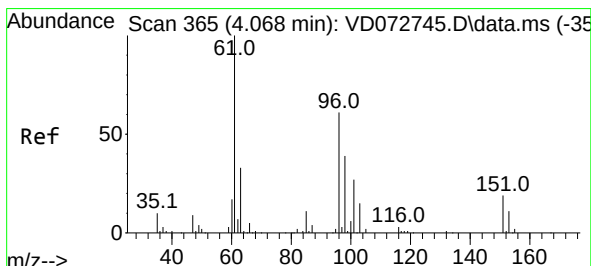
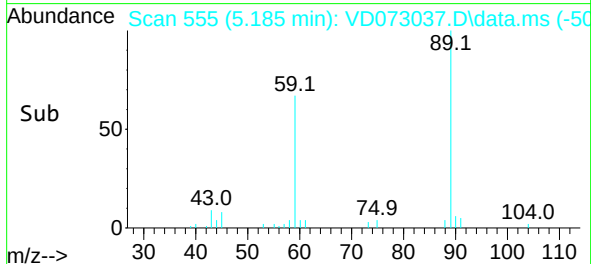
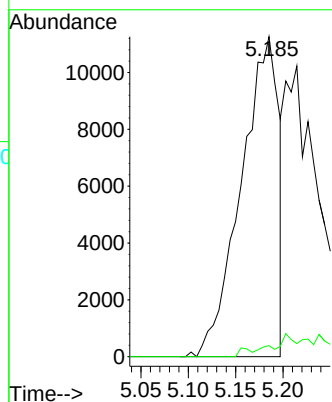
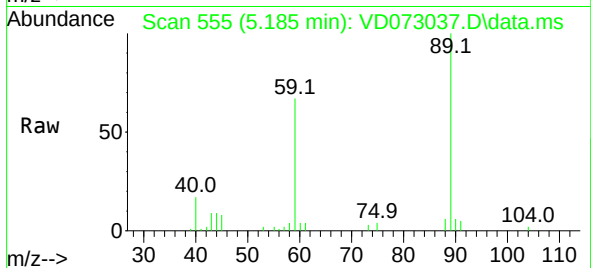
VD0516SBS01

Tgt Ion: 59 Resp: 30937

Ion Ratio Lower Upper

59 100

57 2.6 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 18.862 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.006 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

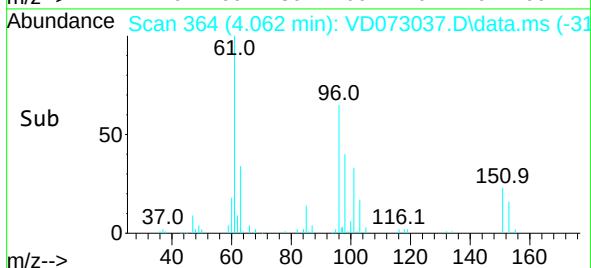
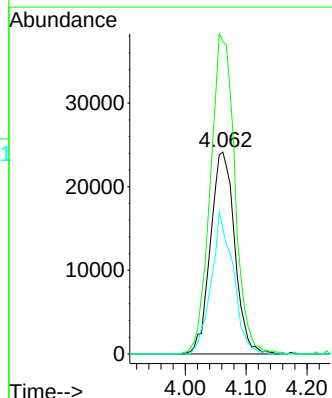
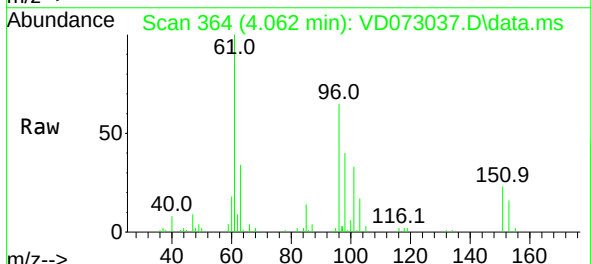
Tgt Ion: 96 Resp: 66700

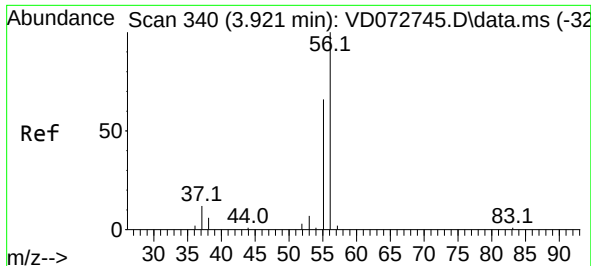
Ion Ratio Lower Upper

96 100

61 155.0 138.5 207.7

98 62.0 48.6 73.0

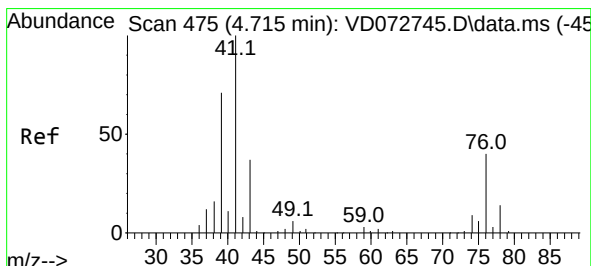
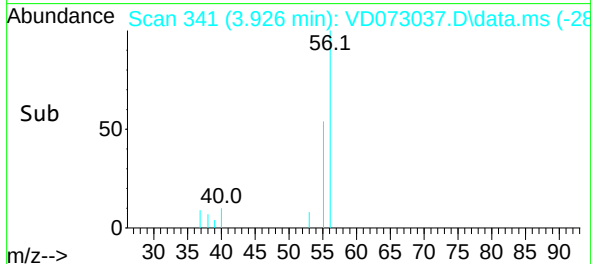
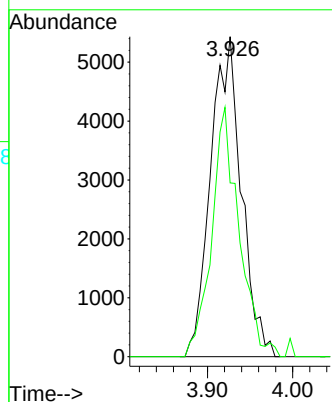
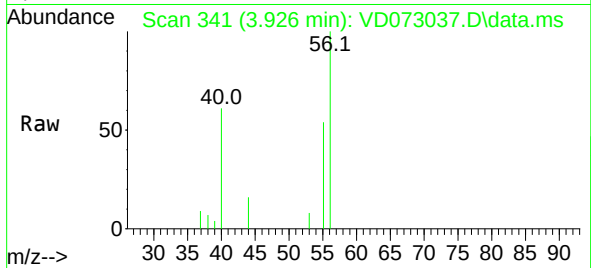




#13
Acrolein
Concen: 45.660 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.005 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

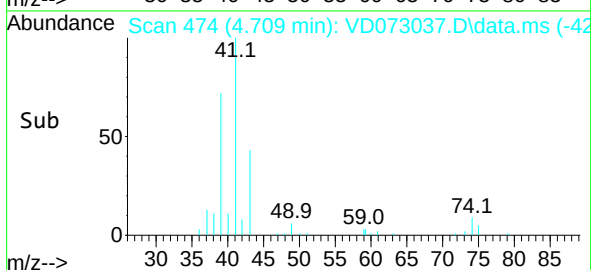
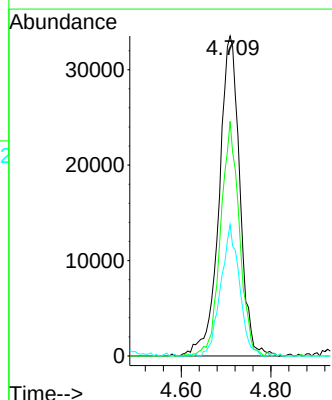
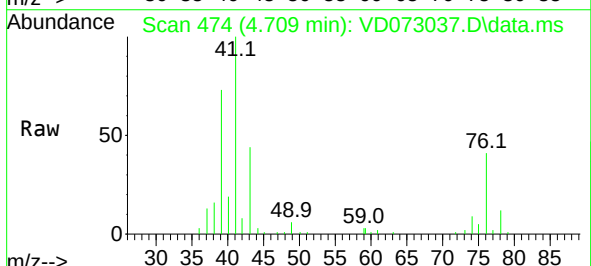
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

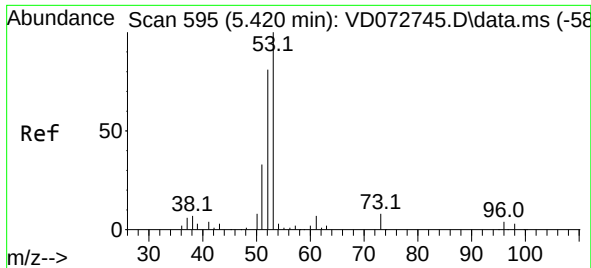
Tgt Ion: 56 Resp: 13598
Ion Ratio Lower Upper
56 100
55 69.4 57.1 85.7



#14
Allyl chloride
Concen: 18.807 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 41 Resp: 107376
Ion Ratio Lower Upper
41 100
39 66.2 59.3 88.9
76 36.9 25.7 38.5

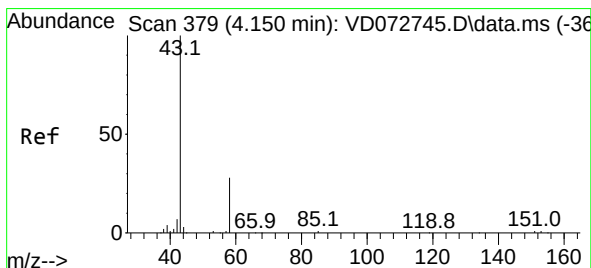
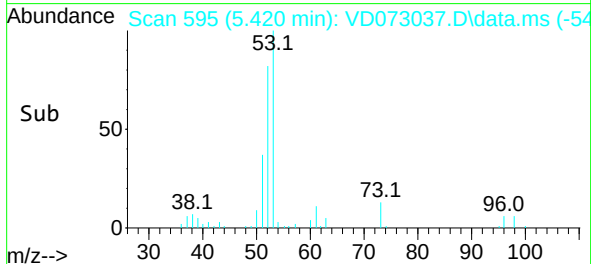
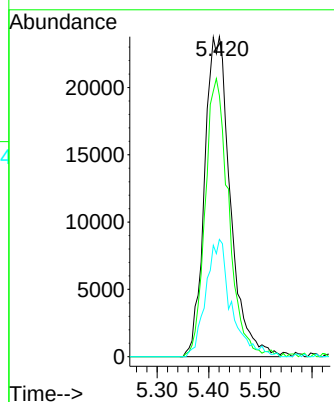
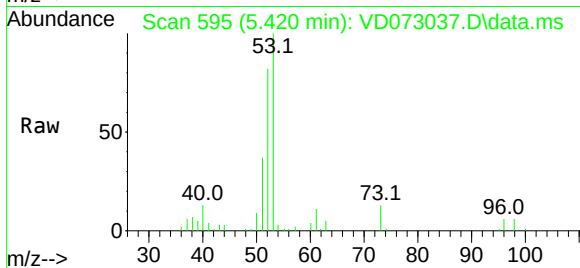




#15
Acrylonitrile
Concen: 91.167 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

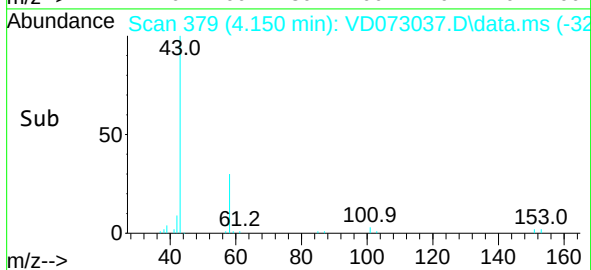
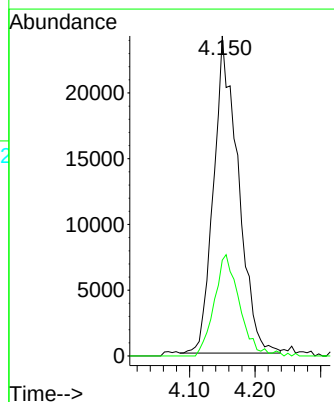
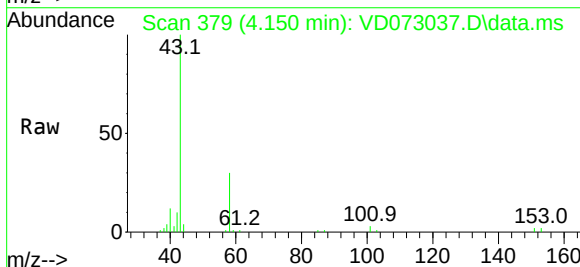
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

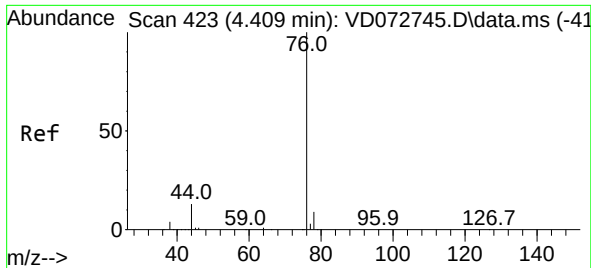
Tgt Ion: 53	Resp: 82257
Ion Ratio	Lower Upper
53 100	
52 78.9	67.2 100.8
51 36.0	30.3 45.5



#16
Acetone
Concen: 78.706 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 43	Resp: 62887
Ion Ratio	Lower Upper
43 100	
58 30.2	22.1 33.1

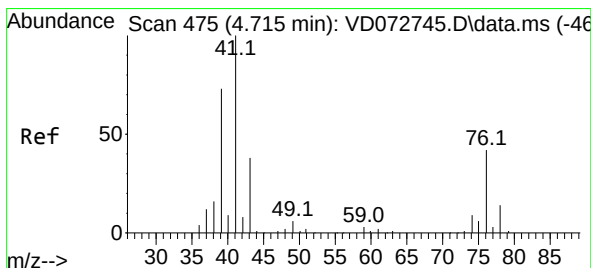
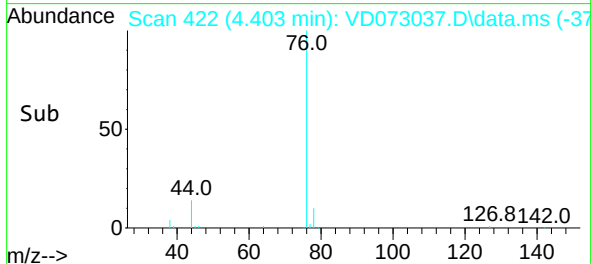
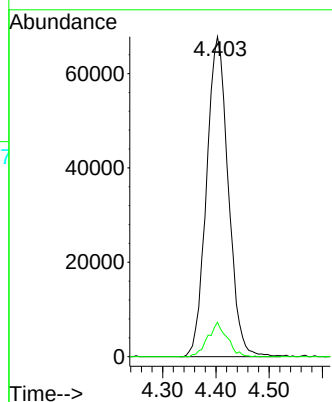
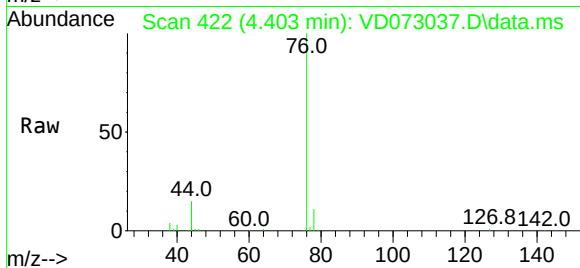




#17
Carbon Disulfide
Concen: 17.268 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

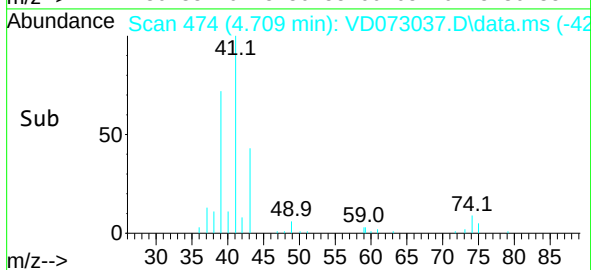
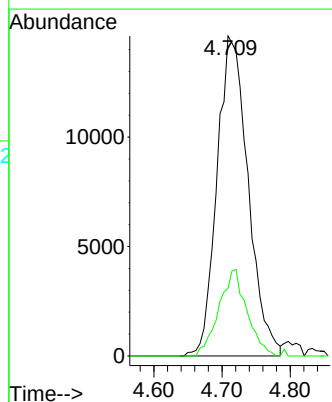
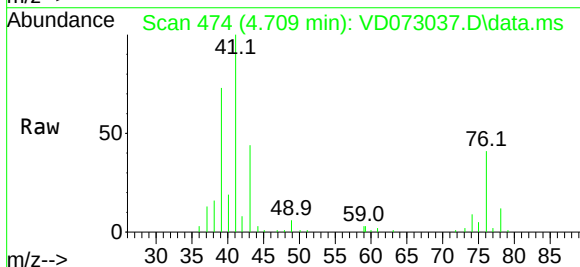
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

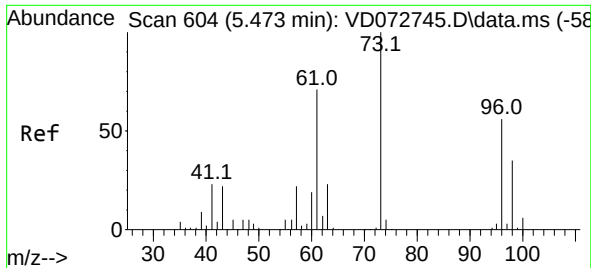
Tgt Ion: 76 Resp: 192004
Ion Ratio Lower Upper
76 100
78 10.8 7.5 11.3



#18
Methyl Acetate
Concen: 22.203 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 43 Resp: 46278
Ion Ratio Lower Upper
43 100
74 24.3 16.7 25.1

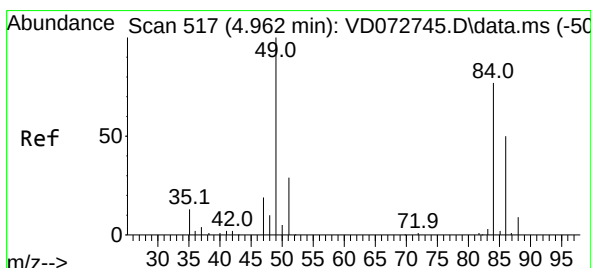
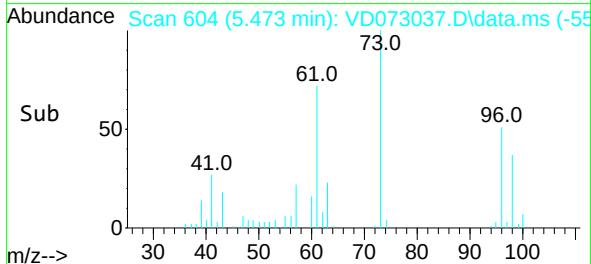
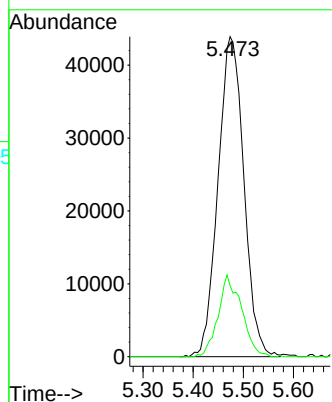
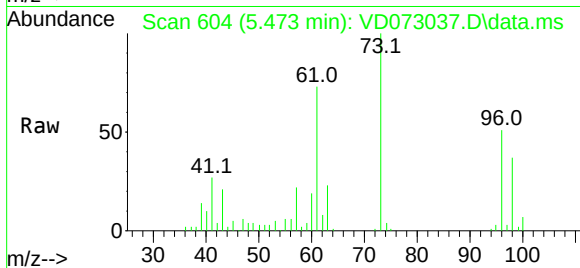




#19
Methyl tert-butyl Ether
Concen: 18.535 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

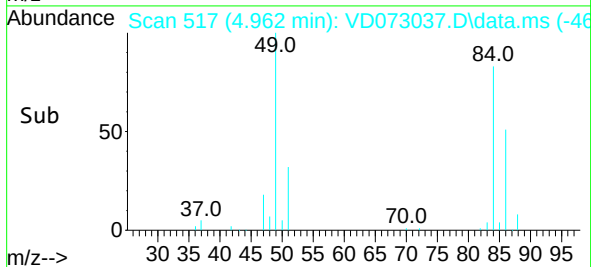
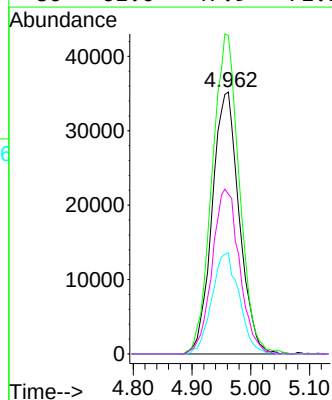
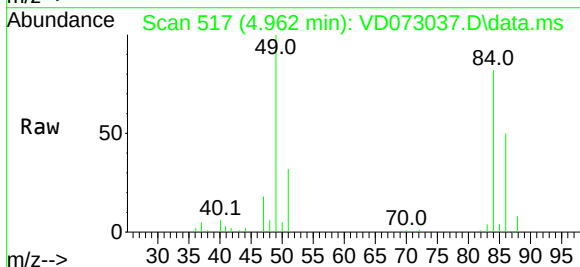
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

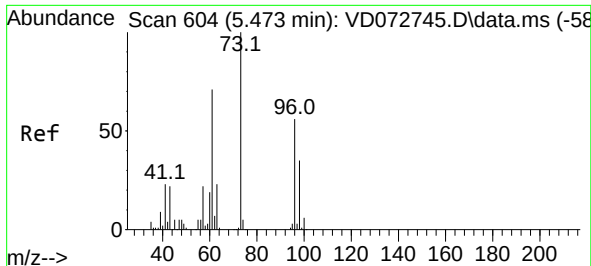
Tgt Ion: 73 Resp: 157130
Ion Ratio Lower Upper
73 100
57 22.1 18.0 27.0



#20
Methylene Chloride
Concen: 21.077 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 84 Resp: 112546
Ion Ratio Lower Upper
84 100
49 121.5 112.8 169.2
51 38.6 32.6 48.8
86 61.0 47.9 71.9

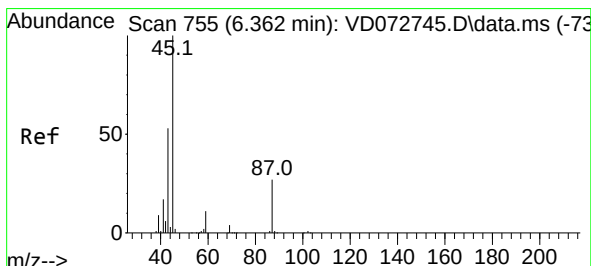
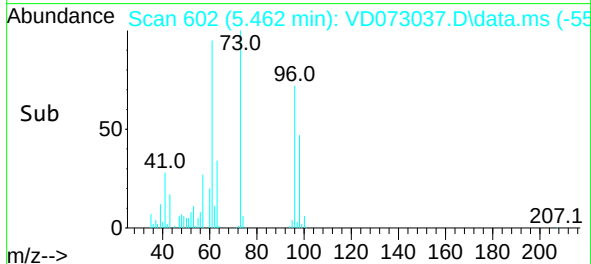
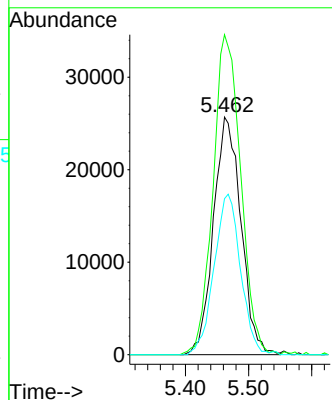
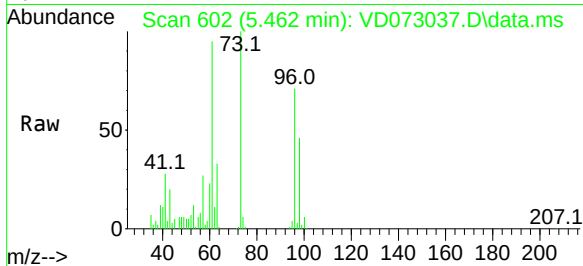




#21
trans-1,2-Dichloroethene
Concen: 19.143 ug/l
RT: 5.462 min Scan# 604
Delta R.T. -0.011 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

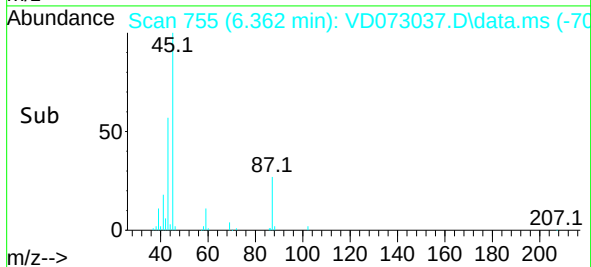
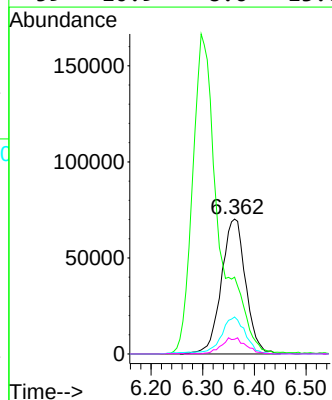
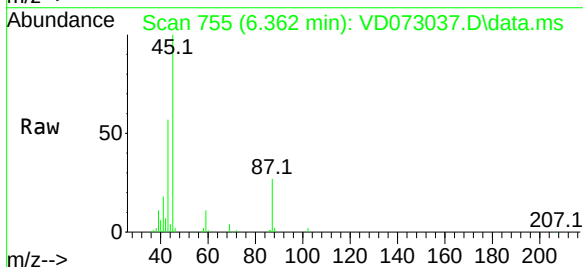
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

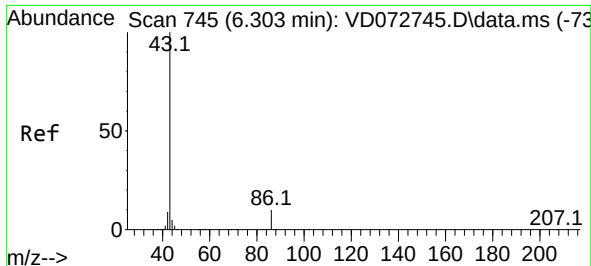
Tgt Ion: 96 Resp: 77638
Ion Ratio Lower Upper
96 100
61 134.7 117.9 176.9
98 65.6 49.4 74.2



#22
Diisopropyl ether
Concen: 18.243 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 45 Resp: 229119
Ion Ratio Lower Upper
45 100
43 55.8 46.6 70.0
87 27.5 18.4 27.6
59 10.9 8.6 13.0

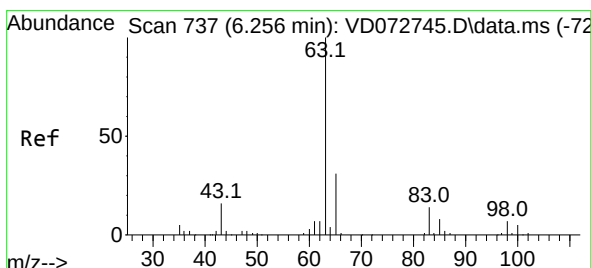
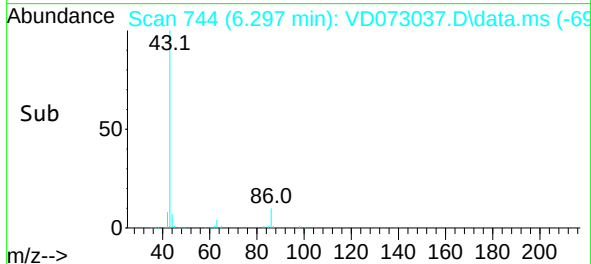
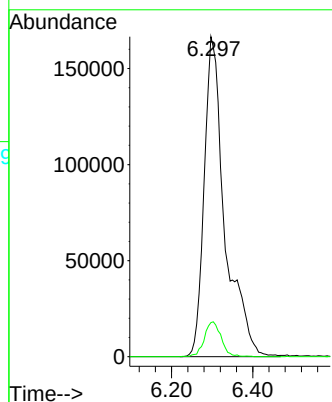
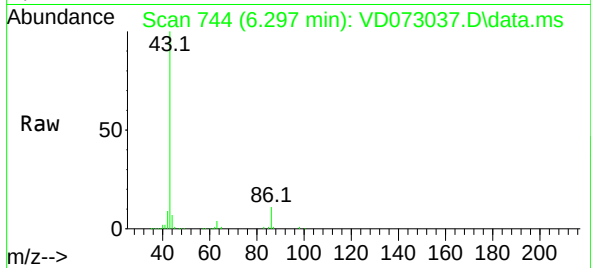




#23
 Vinyl Acetate
 Concen: 84.880 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

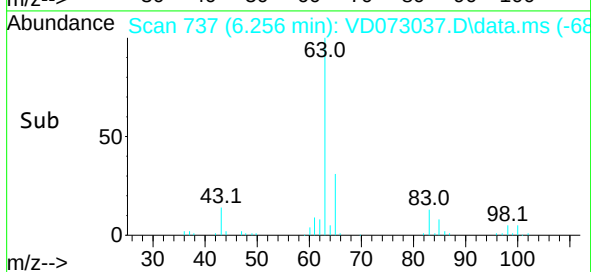
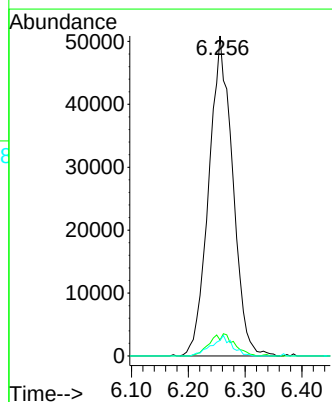
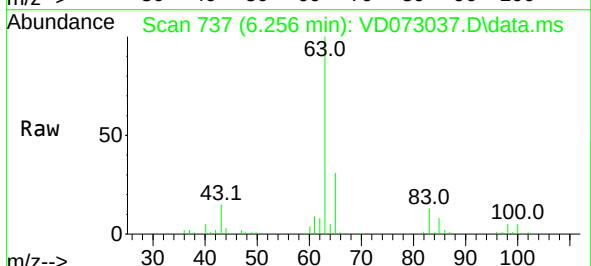
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD01

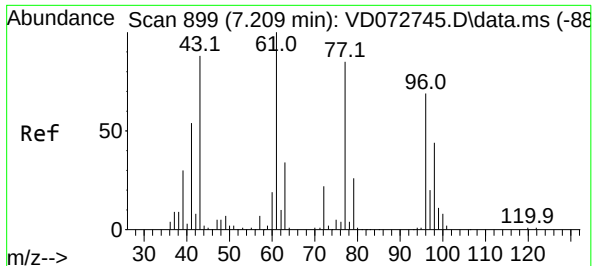
Tgt Ion: 43 Resp: 588887
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.665 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

Tgt Ion: 63 Resp: 148384
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.6 10.9
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 90.845 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

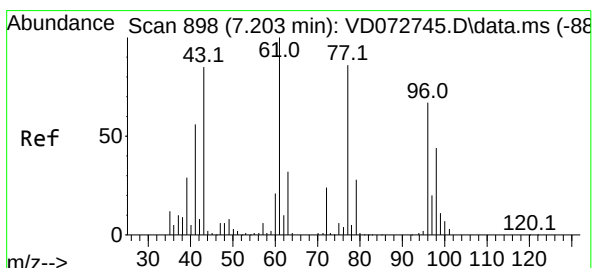
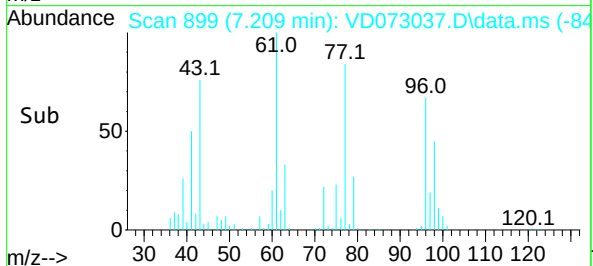
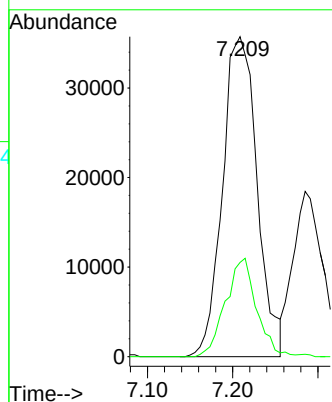
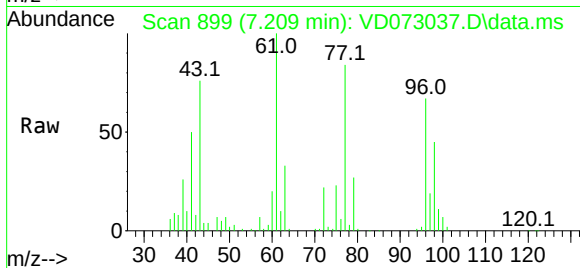
VD0516SBS01

Tgt Ion: 43 Resp: 100765

Ion Ratio Lower Upper

43 100

72 29.5 18.6 27.8#



#26

2,2-Dichloropropane

Concen: 19.362 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073037.D

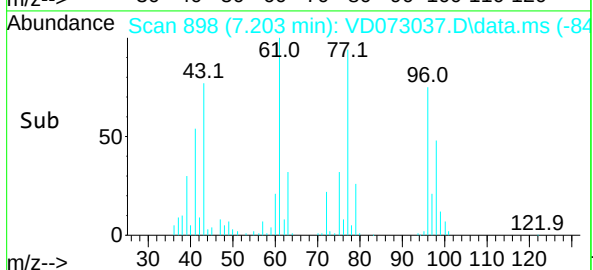
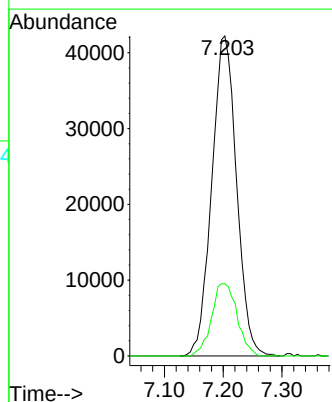
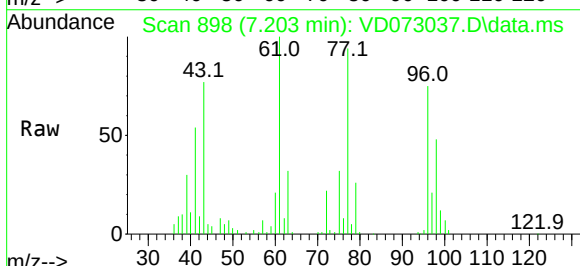
Acq: 16 May 2022 16:10

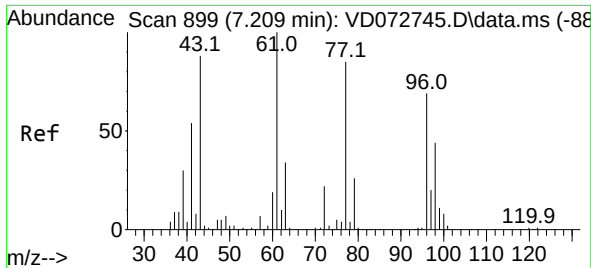
Tgt Ion: 77 Resp: 123509

Ion Ratio Lower Upper

77 100

97 23.3 10.8 32.4

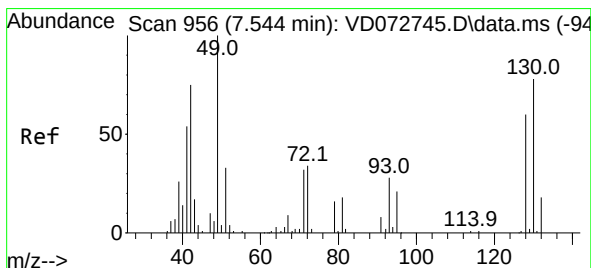
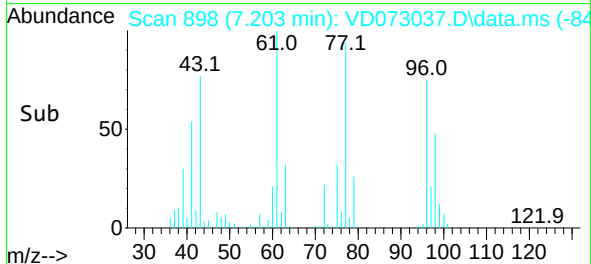
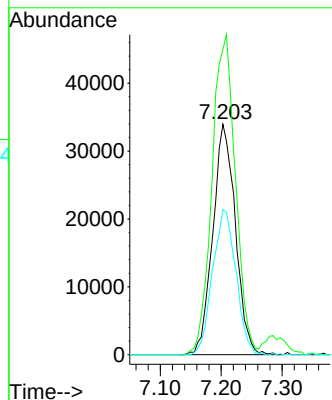
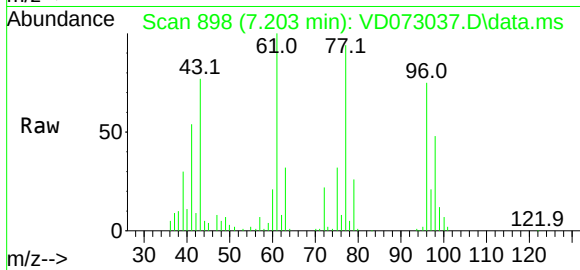




#27
 cis-1,2-Dichloroethene
 Concen: 18.831 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

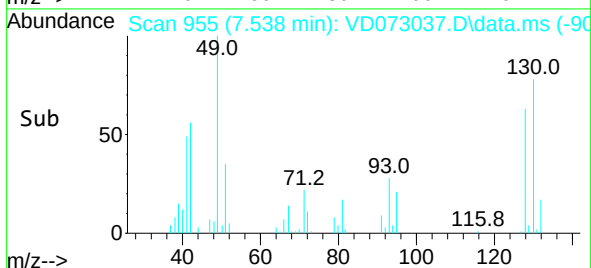
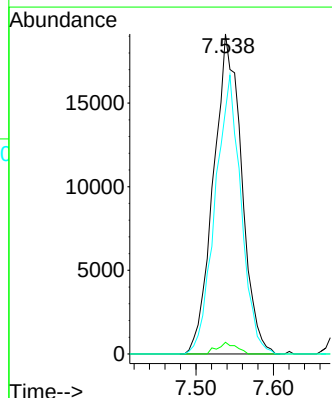
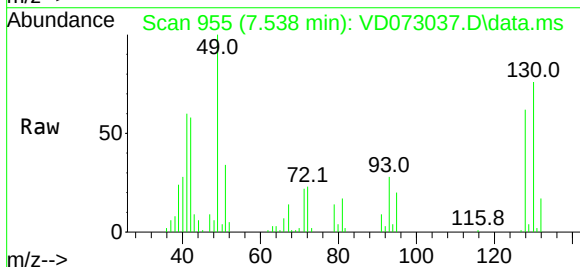
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

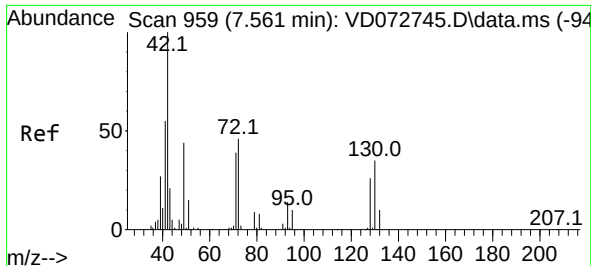
Tgt Ion: 96	Resp: 87473
Ion Ratio	Lower Upper
96 100	
61 144.4	0.0 313.8
98 65.0	0.0 128.8



#28
 Bromochloromethane
 Concen: 17.140 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

Tgt Ion: 49	Resp: 48228		
Ion Ratio	Lower	Upper	
49 100			
129 2.4	0.0	4.0	
130 80.3	52.6	79.0#	





#29

Tetrahydrofuran

Concen: 88.483 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.001 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

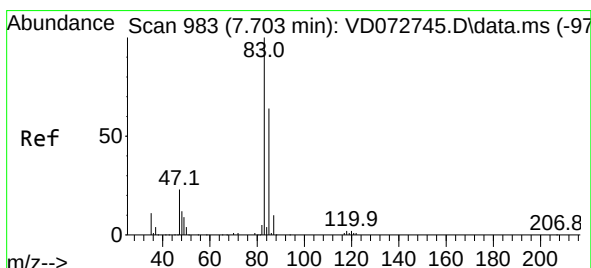
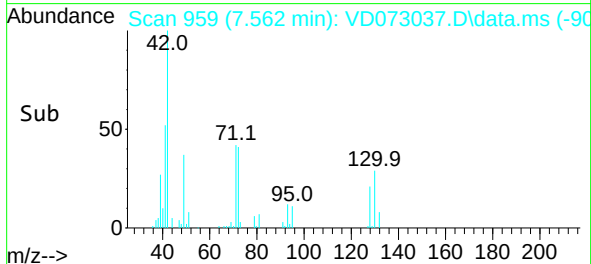
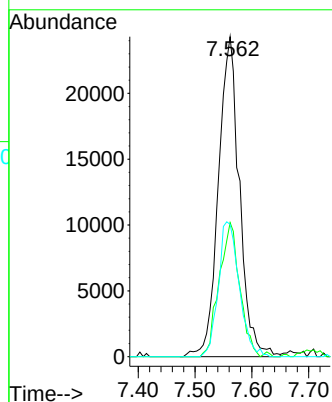
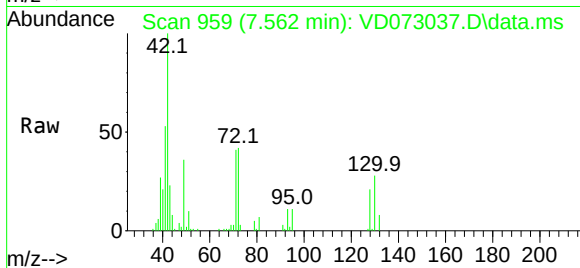
Tgt Ion: 42 Resp: 62558

Ion Ratio Lower Upper

42 100

72 40.8 30.7 46.1

71 41.8 28.6 43.0



#30

Chloroform

Concen: 19.438 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD073037.D

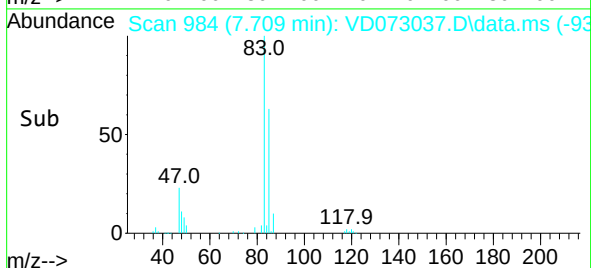
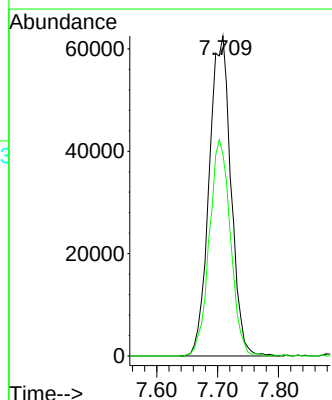
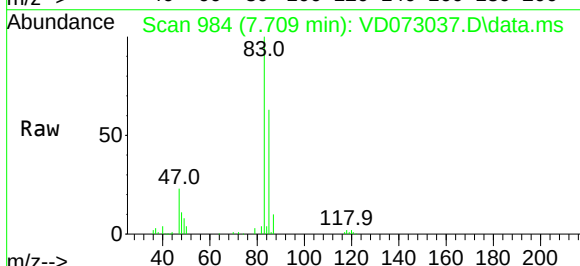
Acq: 16 May 2022 16:10

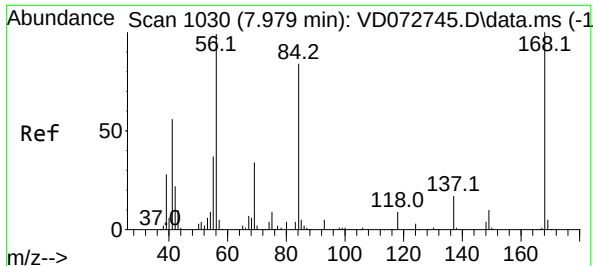
Tgt Ion: 83 Resp: 155191

Ion Ratio Lower Upper

83 100

85 63.1 52.7 79.1





#31

Cyclohexane

Concen: 18.525 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

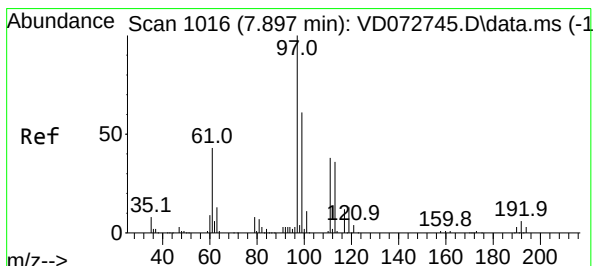
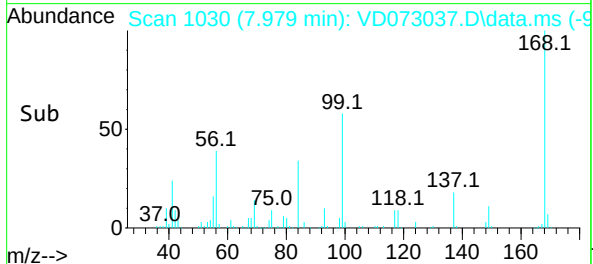
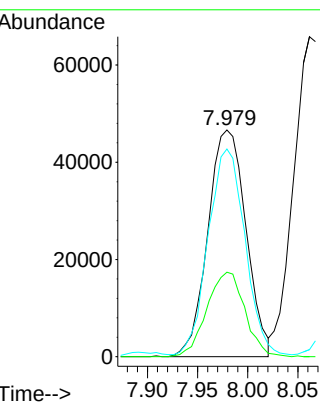
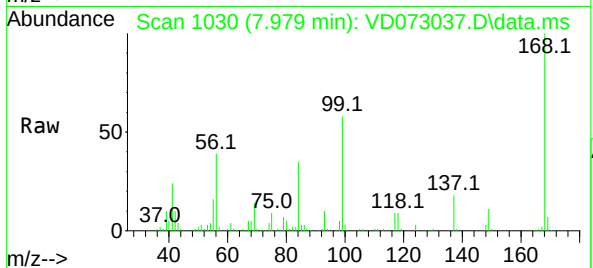
Tgt Ion: 56 Resp: 123275

Ion Ratio Lower Upper

56 100

69 37.3 25.4 38.2

84 90.7 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 20.061 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

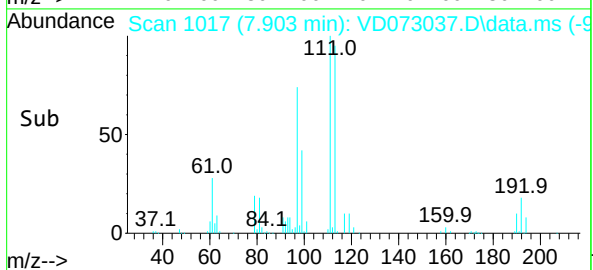
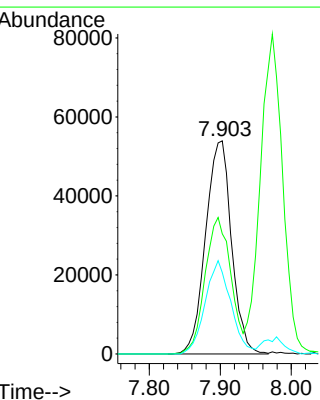
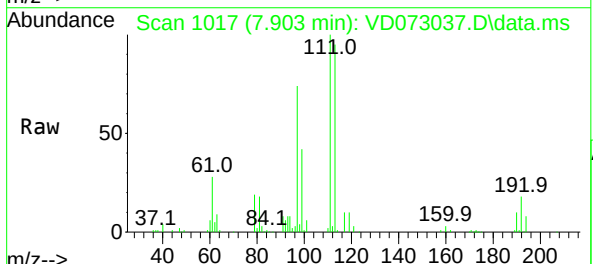
Tgt Ion: 97 Resp: 136508

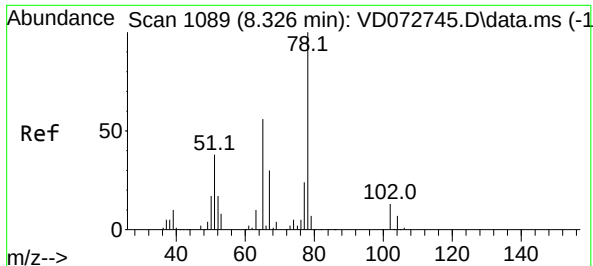
Ion Ratio Lower Upper

97 100

99 63.8 52.4 78.6

61 43.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 45.818 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

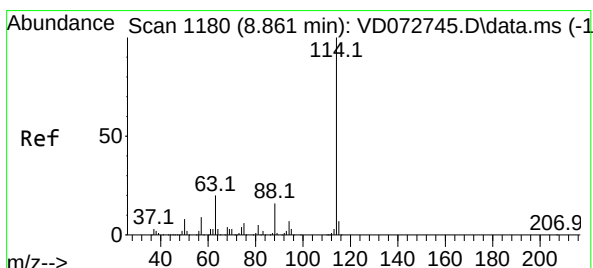
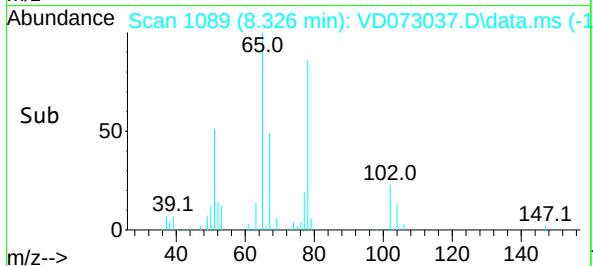
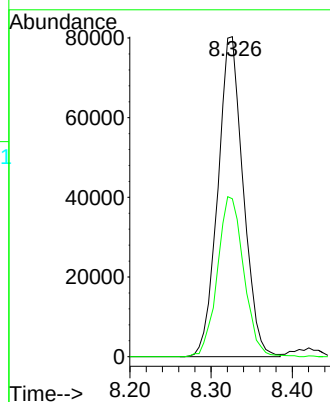
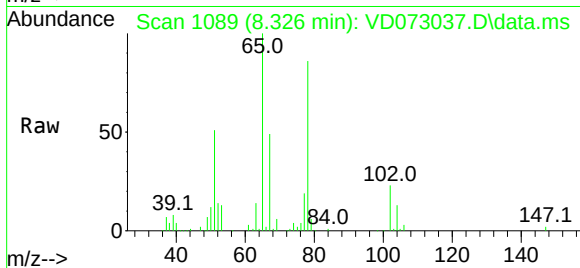
VD0516SBS01

Tgt Ion: 65 Resp: 174422

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

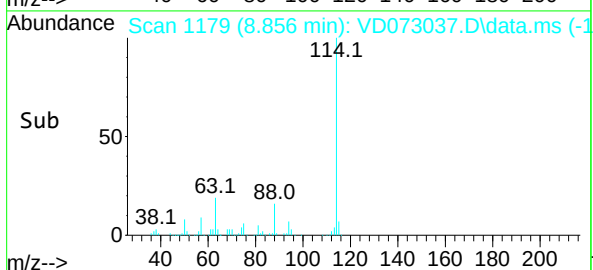
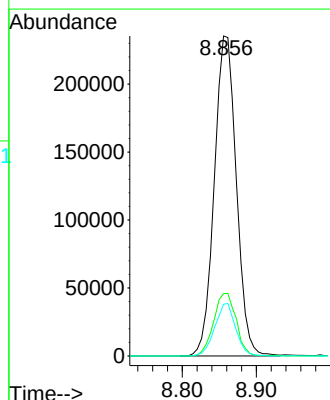
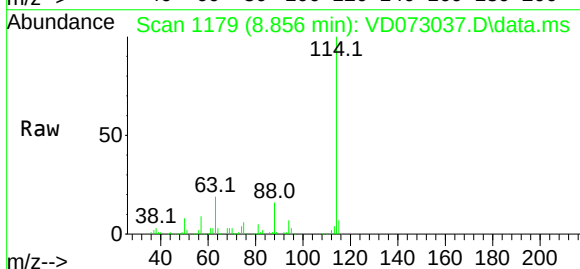
Tgt Ion: 114 Resp: 485914

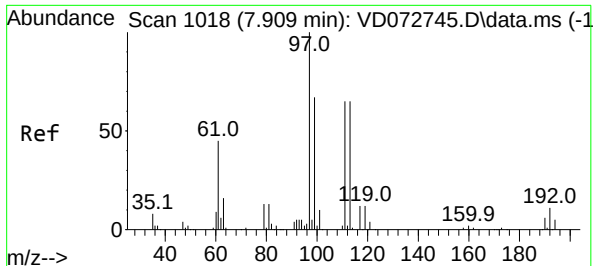
Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.154 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

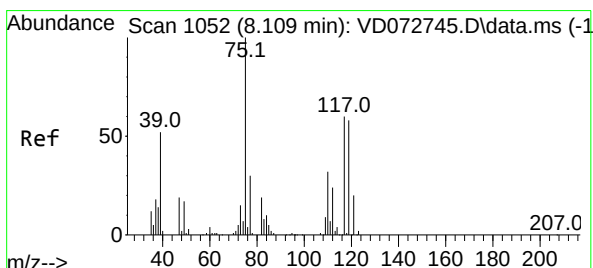
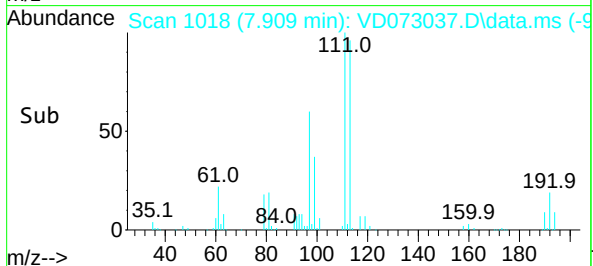
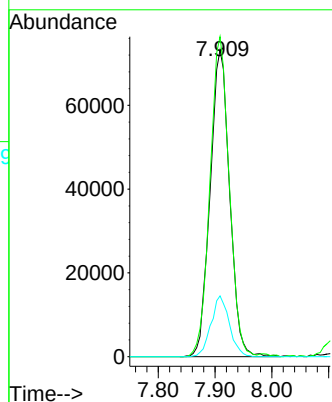
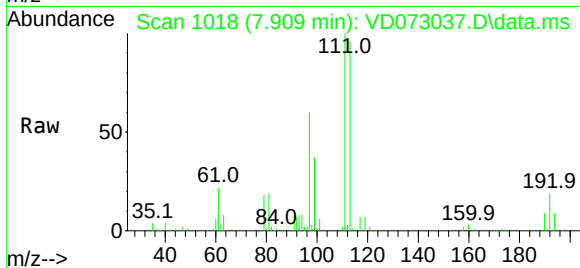
Tgt Ion:113 Resp: 174570

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 20.167 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

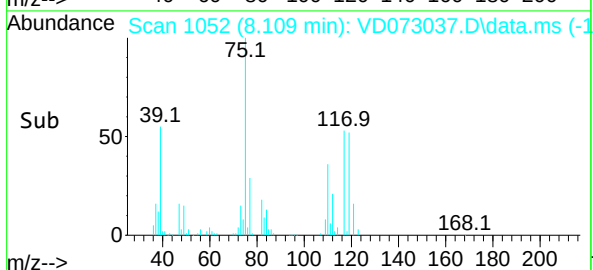
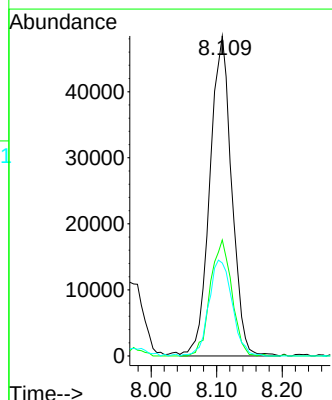
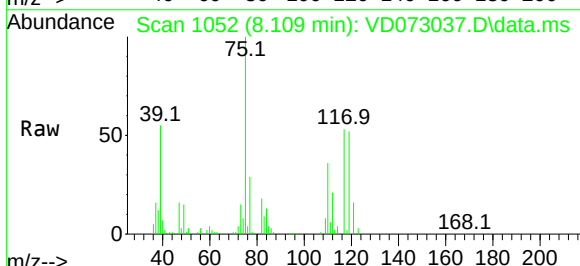
Tgt Ion: 75 Resp: 111909

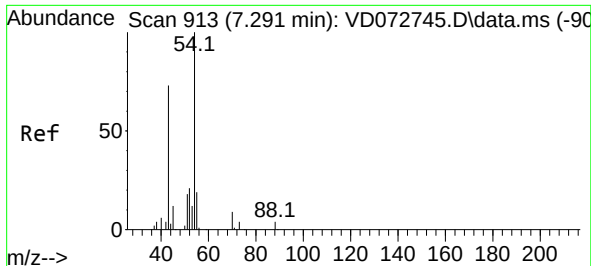
Ion Ratio Lower Upper

75 100

110 35.6 16.4 49.1

77 32.0 24.2 36.2

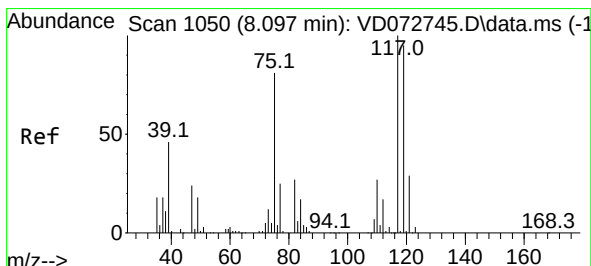
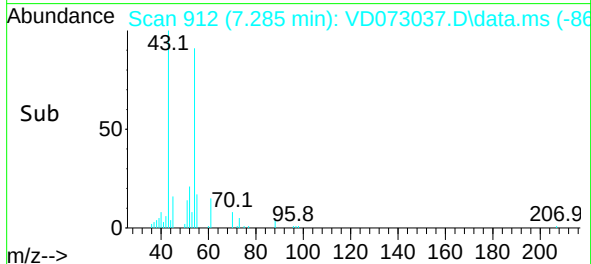
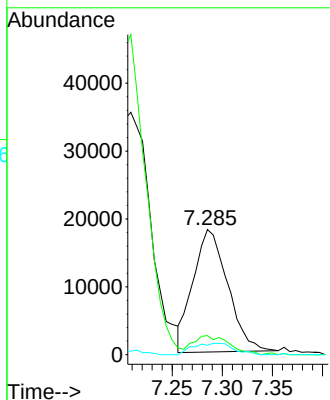
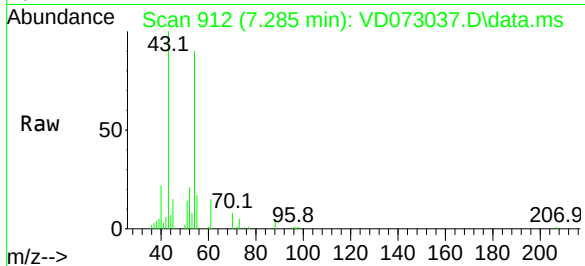




#37
Ethyl Acetate
Concen: 16.999 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

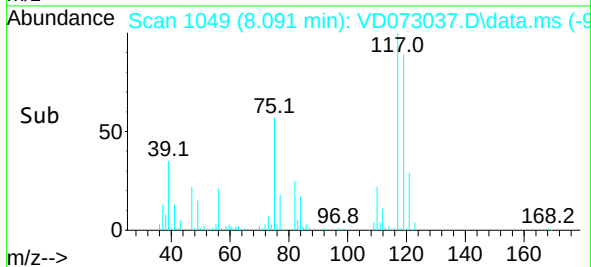
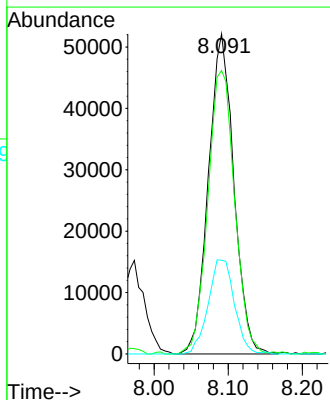
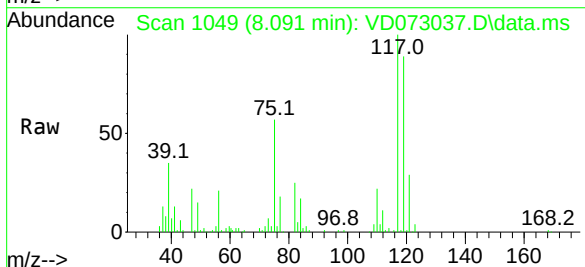
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

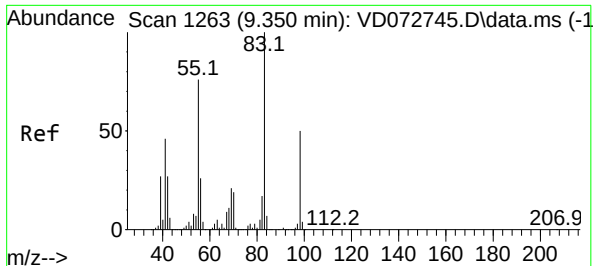
Tgt Ion: 43 Resp: 43364
Ion Ratio Lower Upper
43 100
61 14.5 9.8 14.8
70 10.8 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 21.515 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 117 Resp: 123930
Ion Ratio Lower Upper
117 100
119 88.6 75.8 113.6
121 29.3 24.5 36.7





#39

Methylcyclohexane

Concen: 19.471 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

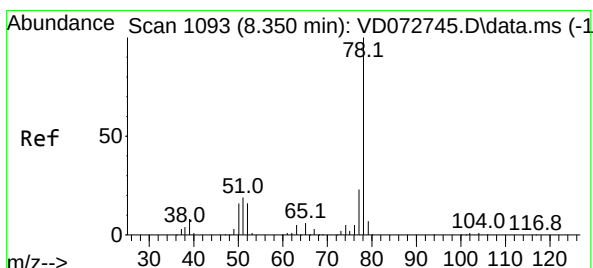
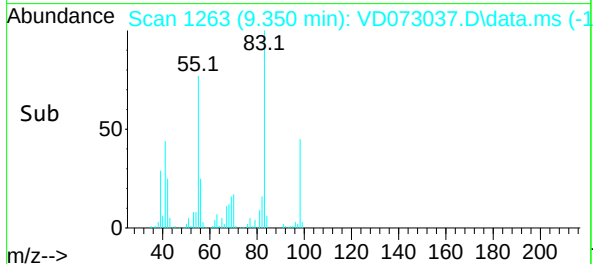
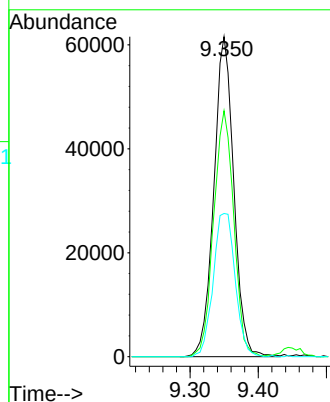
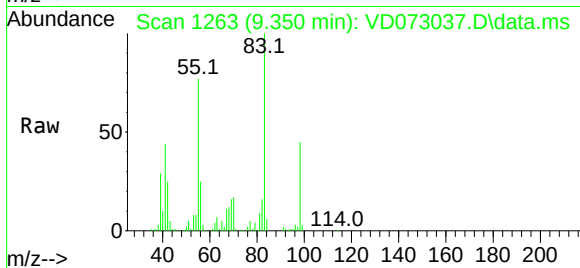
Tgt Ion: 83 Resp: 125322

Ion Ratio Lower Upper

83 100

55 76.8 63.2 94.8

98 44.8 38.2 57.4



#40

Benzene

Concen: 20.187 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD073037.D

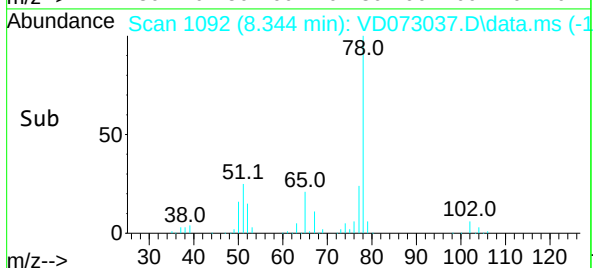
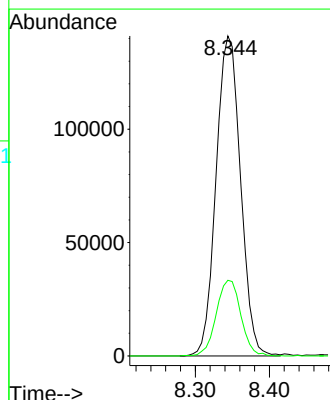
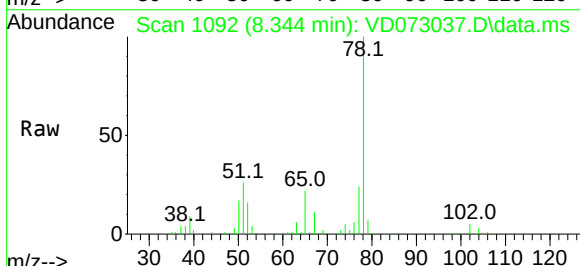
Acq: 16 May 2022 16:10

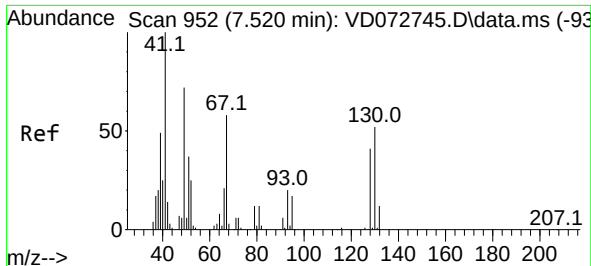
Tgt Ion: 78 Resp: 323492

Ion Ratio Lower Upper

78 100

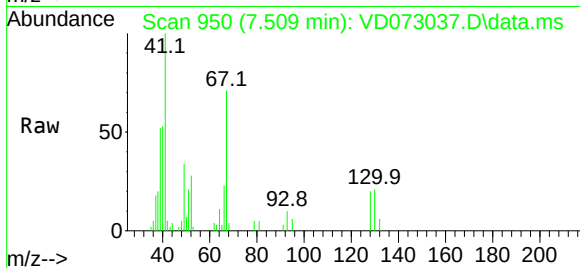
77 23.7 19.1 28.7



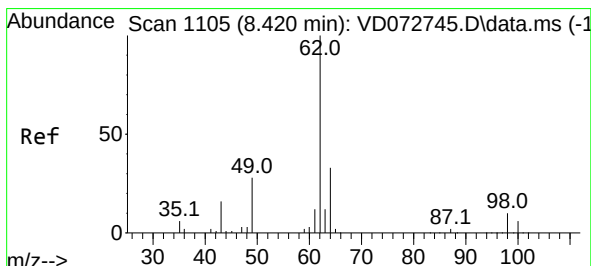
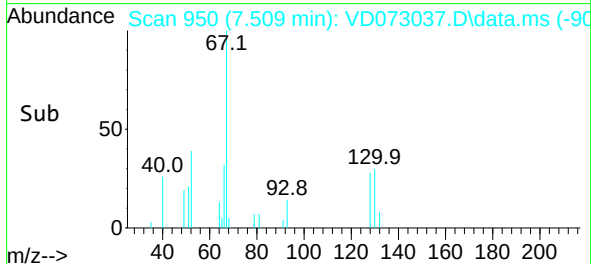
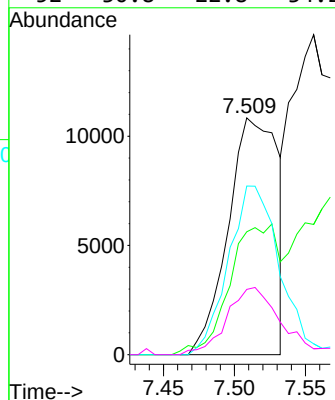


#41
Methacrylonitrile
Concen: 17.342 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

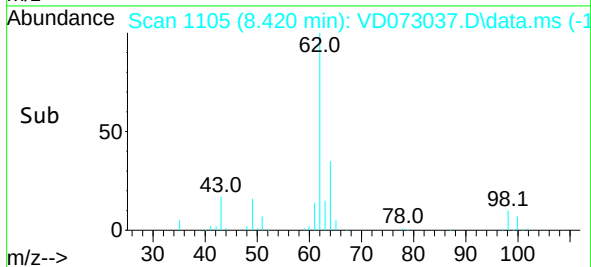
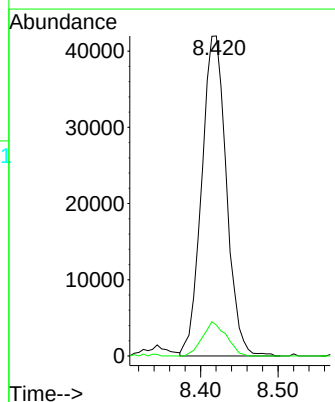
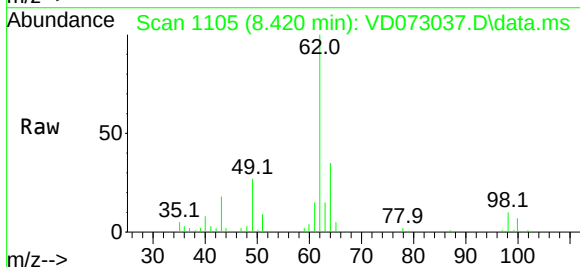


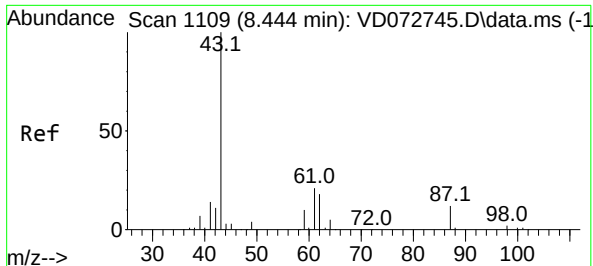
Tgt Ion: 41 Resp: 26340
Ion Ratio Lower Upper
41 100
39 53.9 44.6 67.0
67 73.7 48.2 72.4#
52 30.8 22.8 34.2



#42
1,2-Dichloroethane
Concen: 19.271 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 62 Resp: 93058
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6

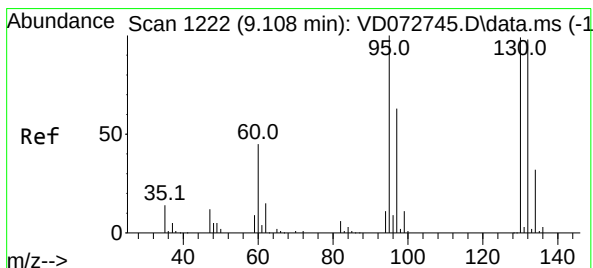
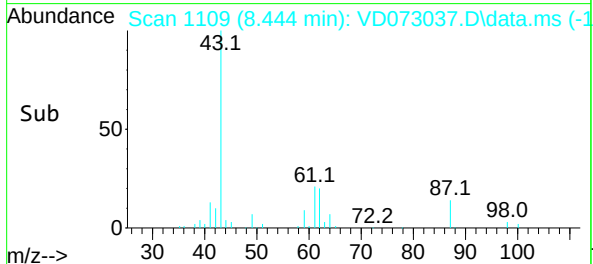
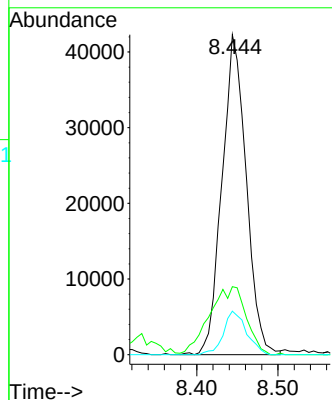
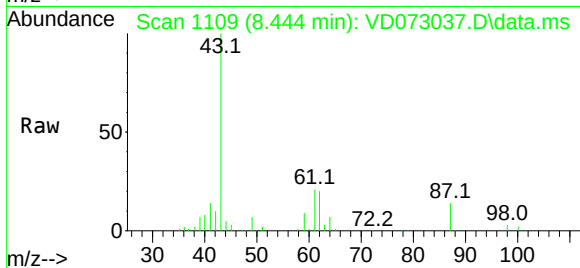




#43
Isopropyl Acetate
Concen: 18.634 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

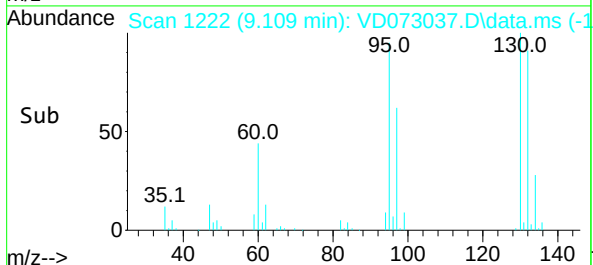
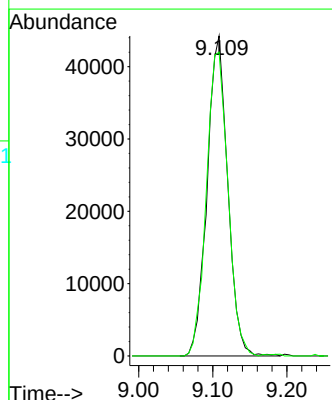
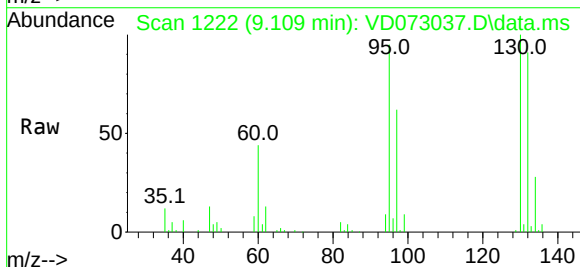
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

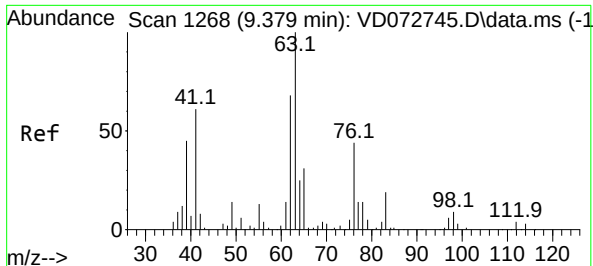
Tgt Ion: 43 Resp: 87733
Ion Ratio Lower Upper
43 100
61 32.3 22.4 33.6
87 13.0 8.7 13.1



#44
Trichloroethene
Concen: 19.943 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.001 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion:130 Resp: 85498
Ion Ratio Lower Upper
130 100
95 95.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.544 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

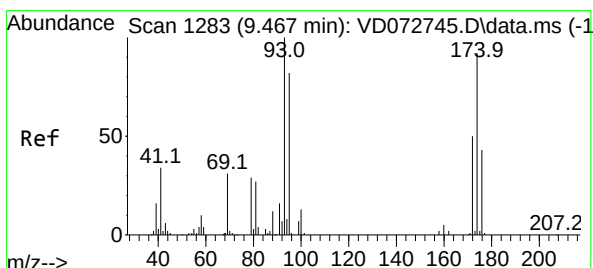
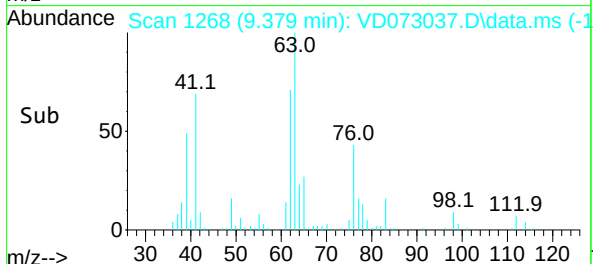
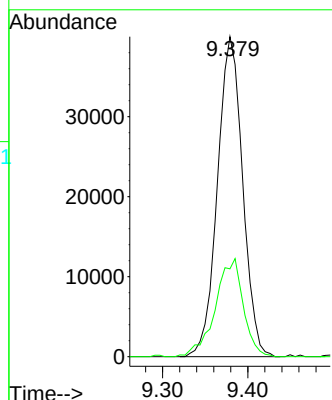
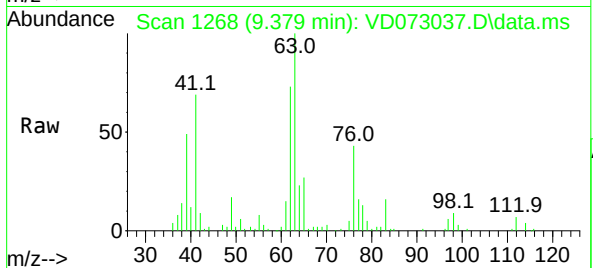
VD0516SBSD01

Tgt Ion: 63 Resp: 82247

Ion Ratio Lower Upper

63 100

65 27.4 26.2 39.4



#46

Dibromomethane

Concen: 19.060 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

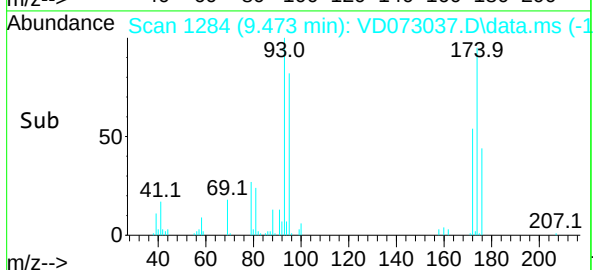
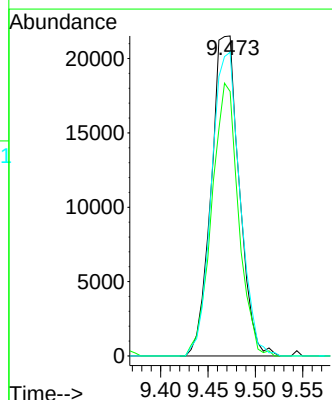
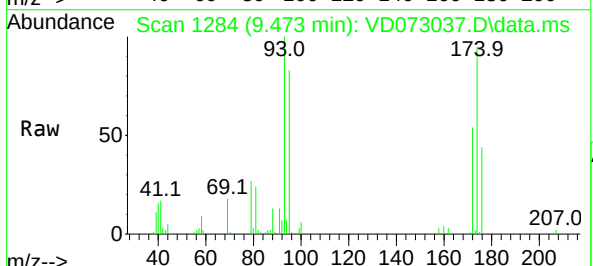
Tgt Ion: 93 Resp: 44246

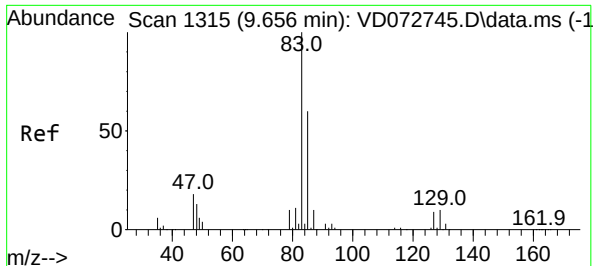
Ion Ratio Lower Upper

93 100

95 81.2 66.7 100.1

174 96.3 71.6 107.4

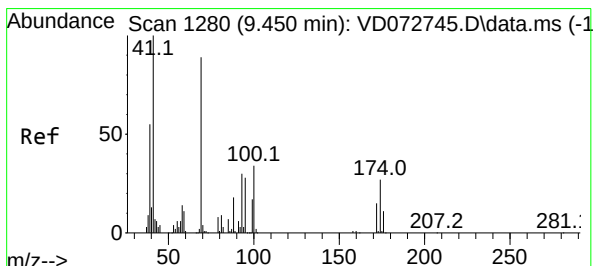
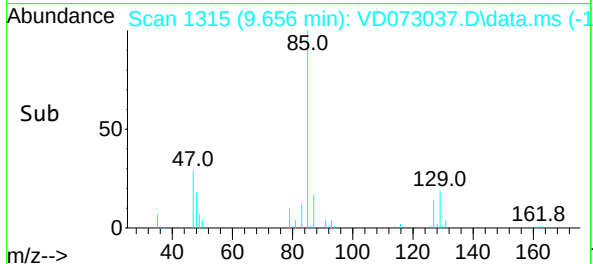
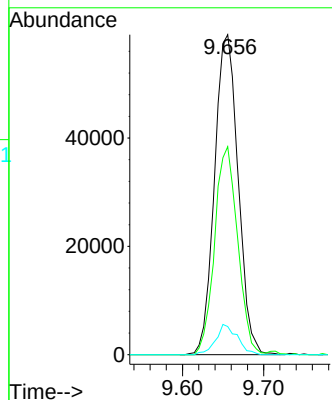
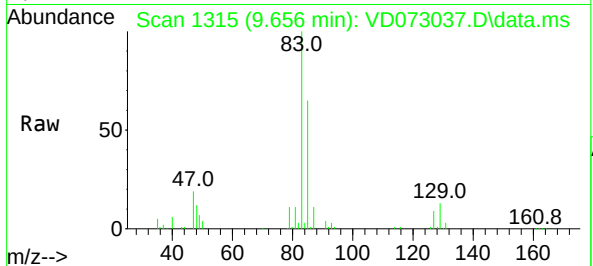




#47
Bromodichloromethane
Concen: 19.991 ug/l
RT: 9.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

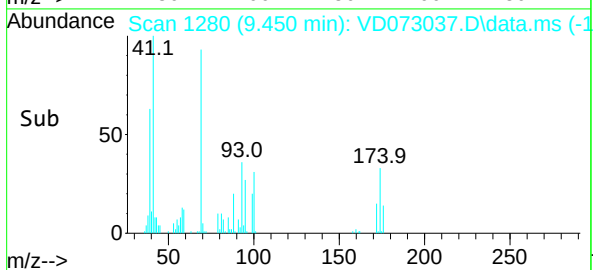
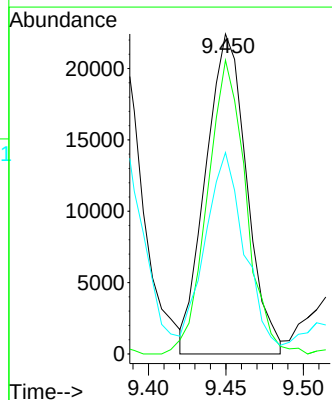
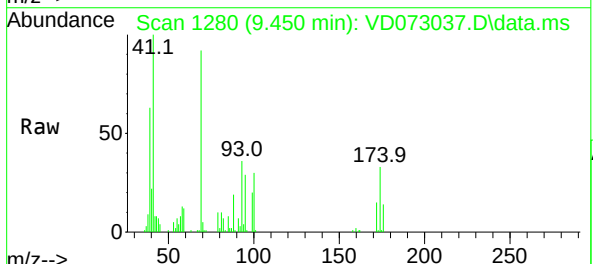
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

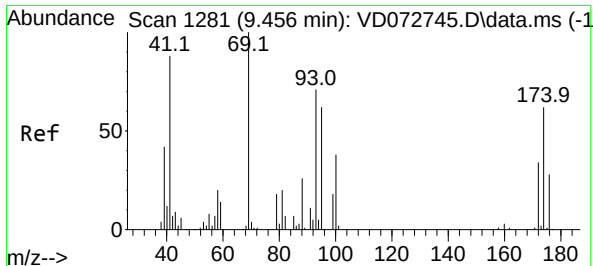
Tgt Ion: 83 Resp: 119387
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.0
127 8.8 6.1 9.1



#48
Methyl methacrylate
Concen: 17.919 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 41 Resp: 41274
Ion Ratio Lower Upper
41 100
69 86.4 56.7 85.1#
39 61.6 42.7 64.1





#49

1,4-Dioxane

Concen: 403.270 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

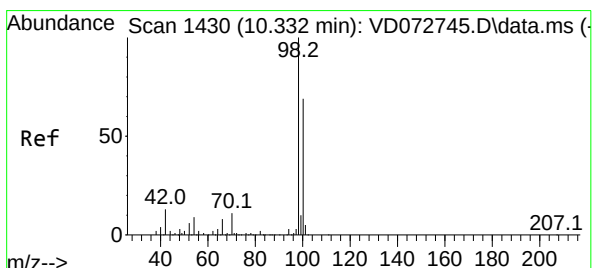
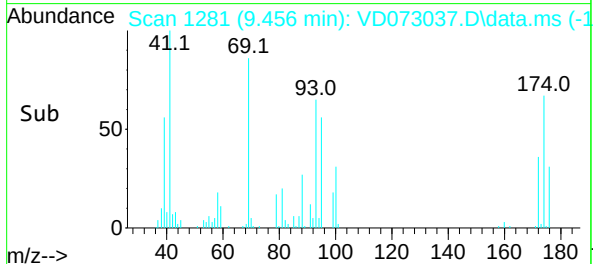
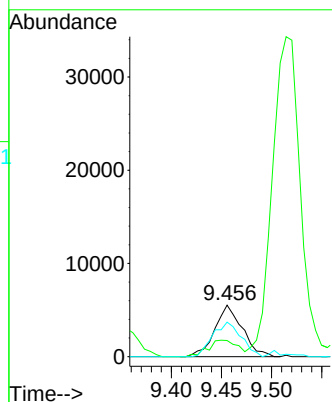
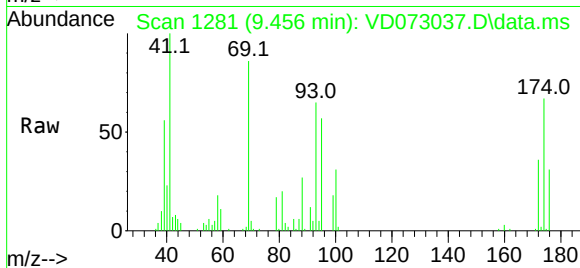
Tgt Ion: 88 Resp: 10542

Ion Ratio Lower Upper

88 100

43 34.6 31.0 46.4

58 69.8 58.1 87.1



#50

Toluene-d8

Concen: 51.203 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073037.D

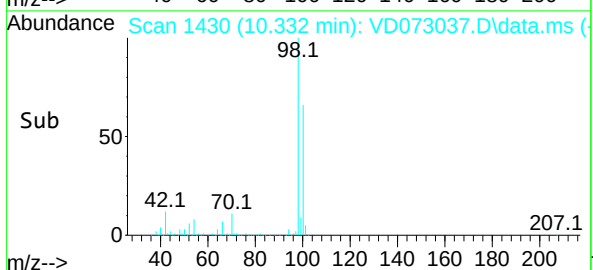
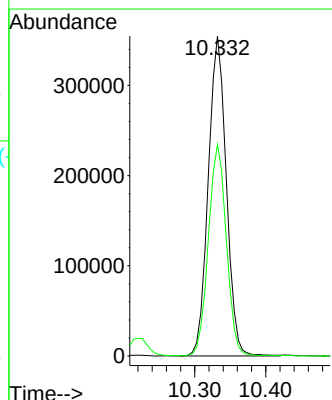
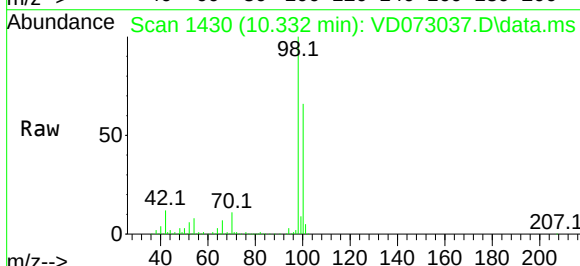
Acq: 16 May 2022 16:10

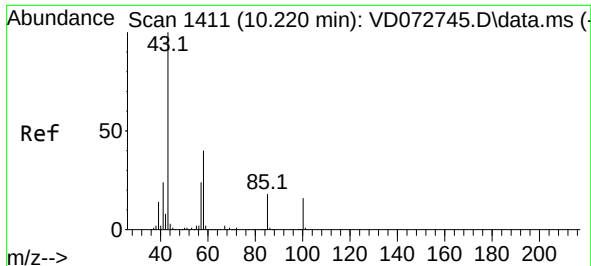
Tgt Ion: 98 Resp: 626799

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6

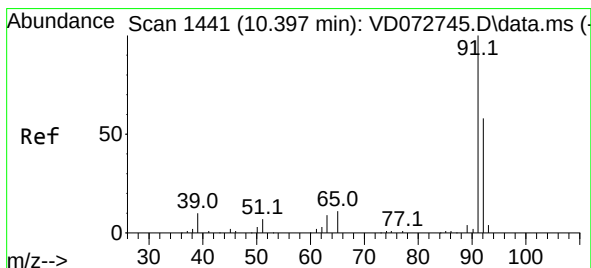
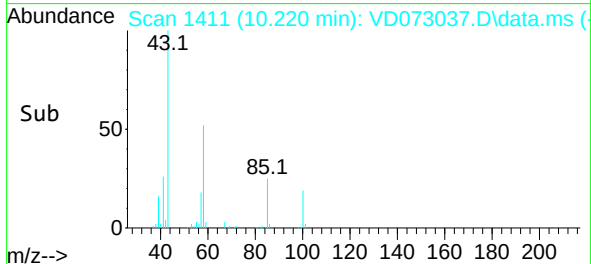
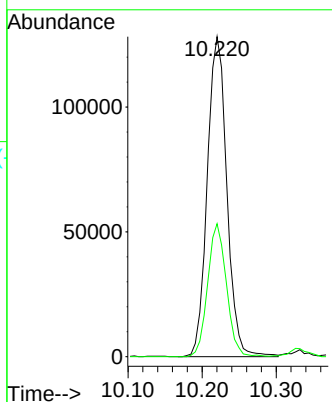
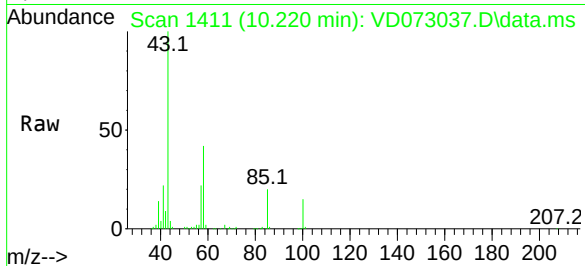




#51
4-Methyl-2-Pentanone
Concen: 96.341 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

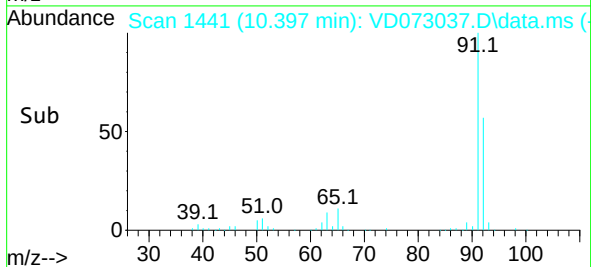
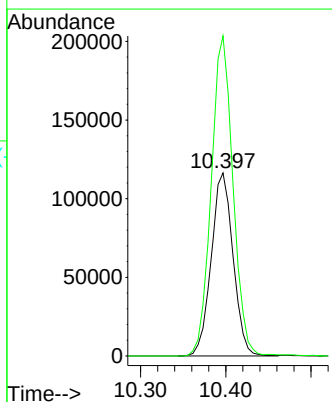
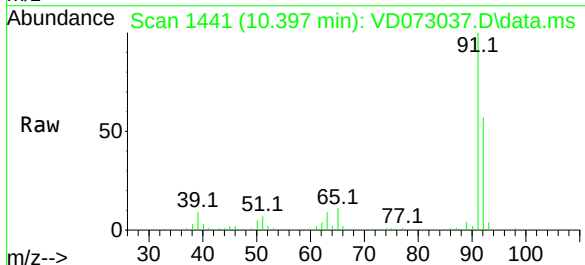
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

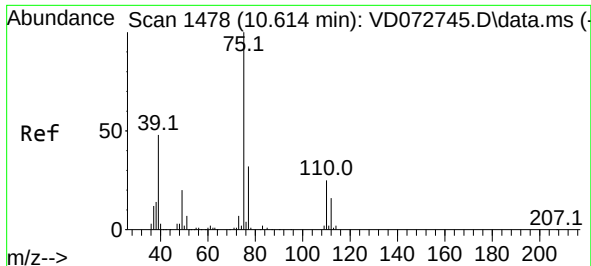
Tgt Ion: 43 Resp: 235704
Ion Ratio Lower Upper
43 100
58 39.8 28.6 43.0



#52
Toluene
Concen: 20.677 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 92 Resp: 206688
Ion Ratio Lower Upper
92 100
91 174.8 139.6 209.4

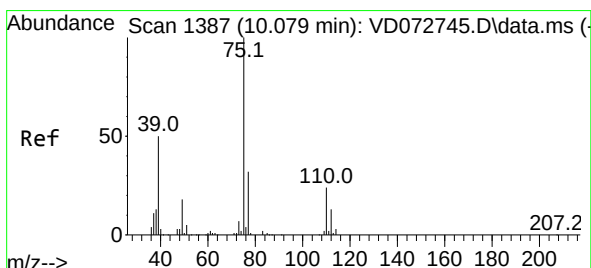
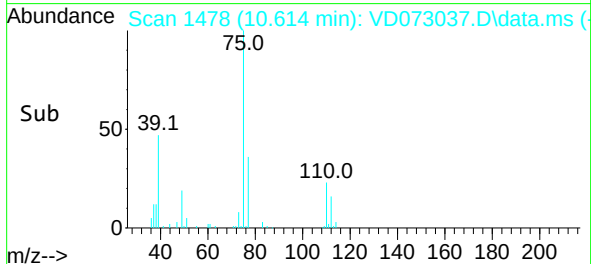
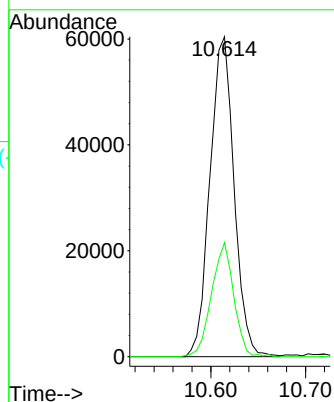
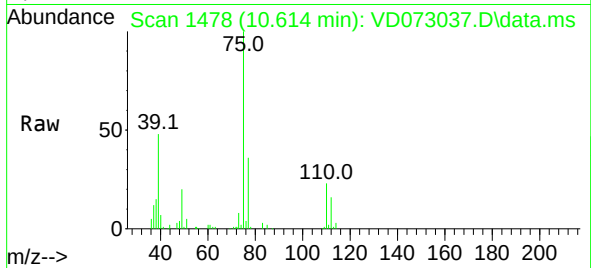




#53
t-1,3-Dichloropropene
Concen: 19.469 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

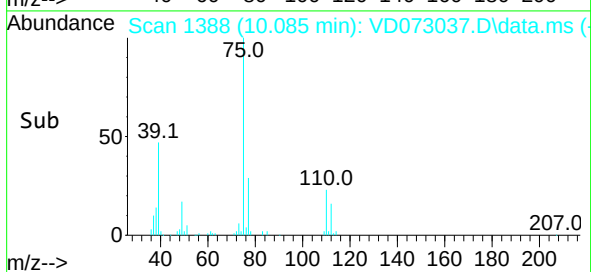
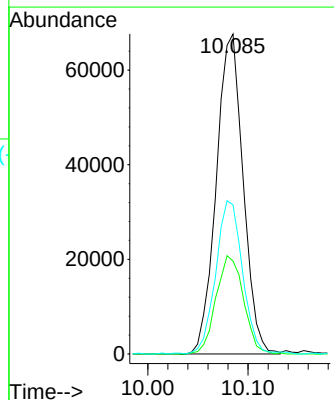
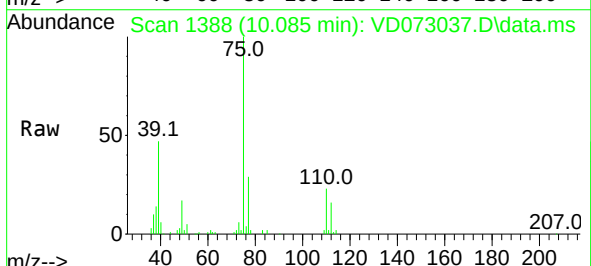
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

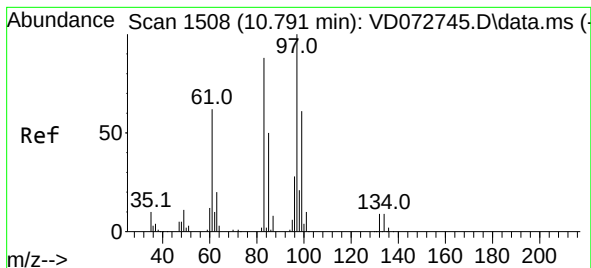
Tgt Ion: 75 Resp: 106794
Ion Ratio Lower Upper
75 100
77 35.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 19.712 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 75 Resp: 125622
Ion Ratio Lower Upper
75 100
77 29.1 24.8 37.2
39 46.3 46.8 70.2#





#55

1,1,2-Trichloroethane

Concen: 20.016 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

Tgt Ion: 97 Resp: 62814

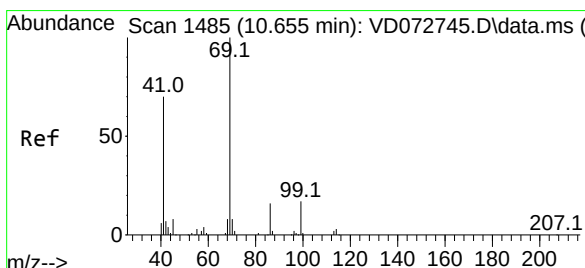
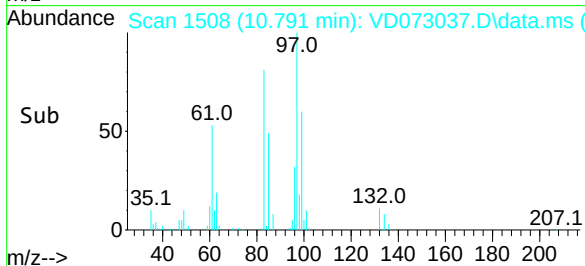
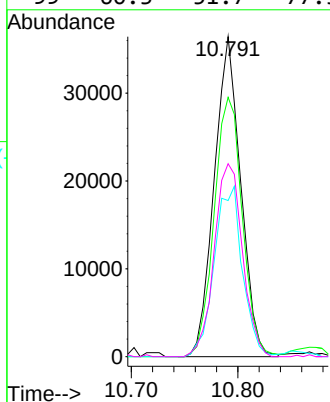
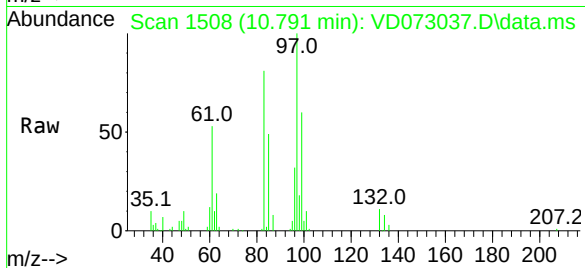
Ion Ratio Lower Upper

97 100

83 81.0 69.0 103.4

85 48.8 42.6 63.8

99 60.3 51.7 77.5



#56

Ethyl methacrylate

Concen: 19.007 ug/l

RT: 10.650 min Scan# 1484

Delta R.T. -0.005 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

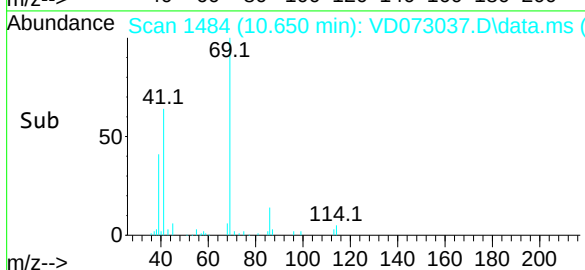
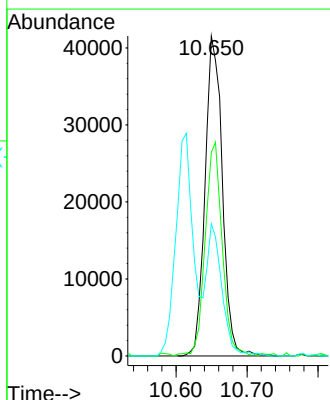
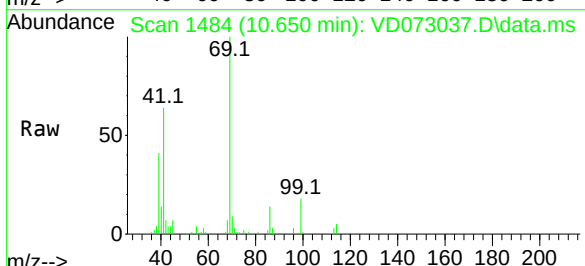
Tgt Ion: 69 Resp: 70229

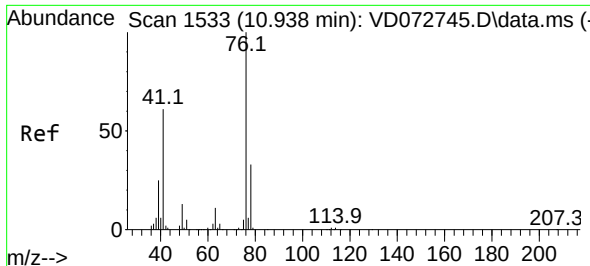
Ion Ratio Lower Upper

69 100

41 65.9 63.0 94.6

39 35.5 33.8 50.8





#57

1,3-Dichloropropane

Concen: 19.505 ug/l

RT: 10.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

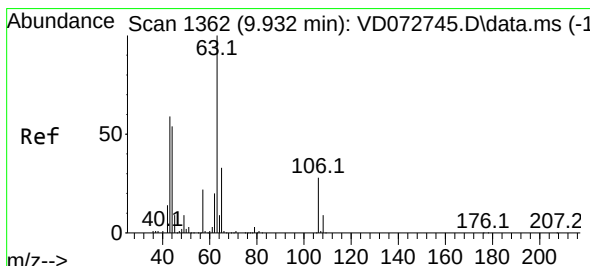
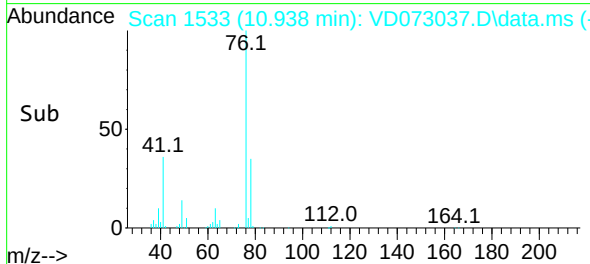
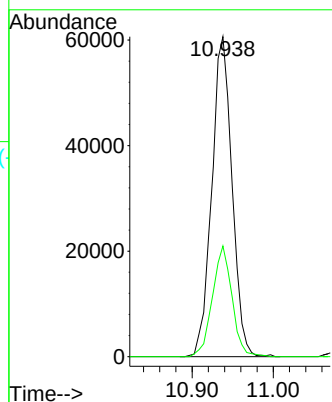
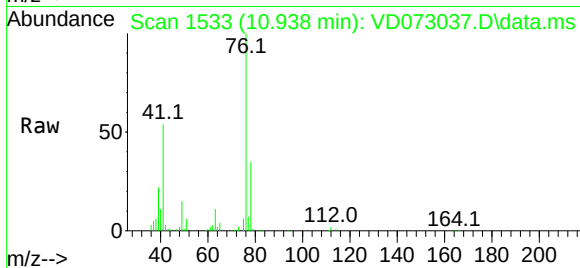
VD0516SBSD01

Tgt Ion: 76 Resp: 105043

Ion Ratio Lower Upper

76 100

78 33.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.129 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073037.D

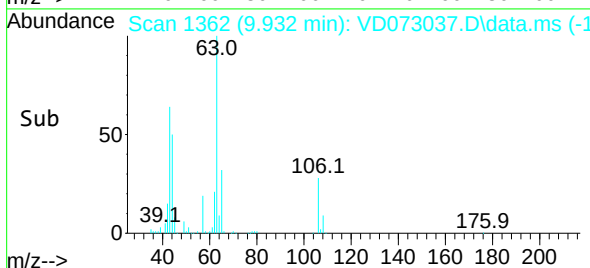
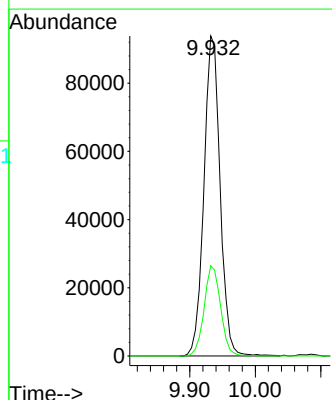
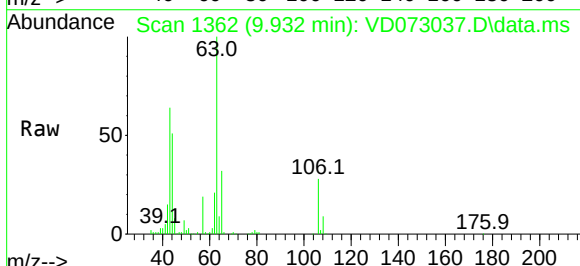
Acq: 16 May 2022 16:10

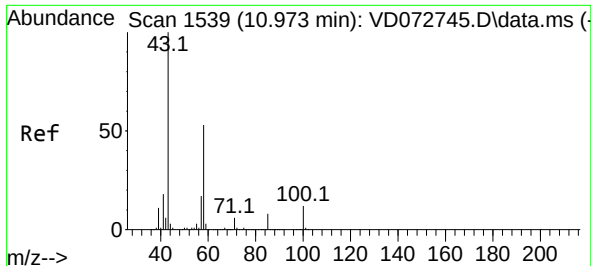
Tgt Ion: 63 Resp: 161464

Ion Ratio Lower Upper

63 100

106 28.5 21.4 32.0

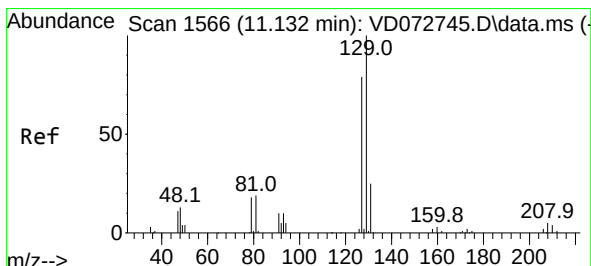
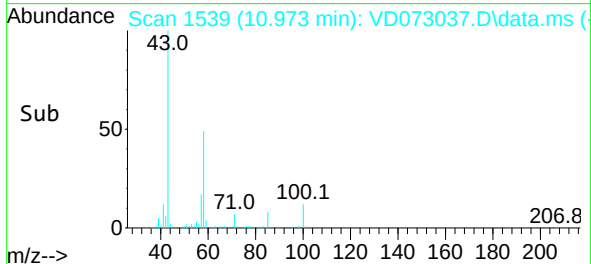
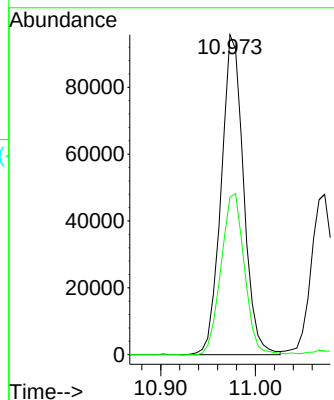
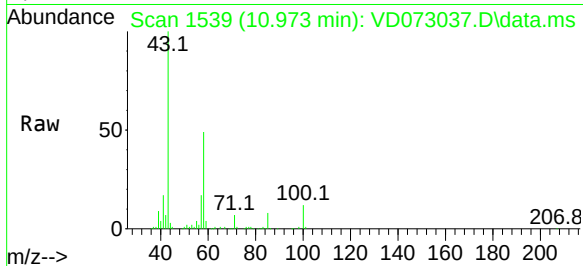




#59
2-Hexanone
Concen: 95.460 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

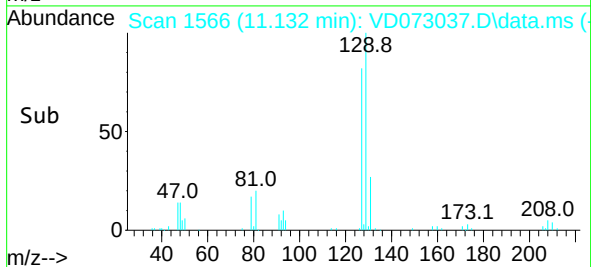
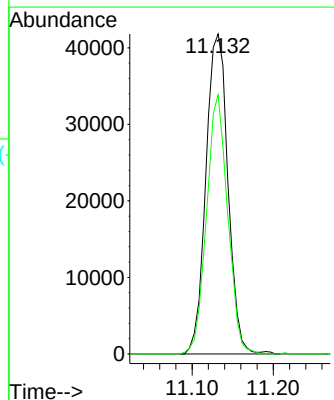
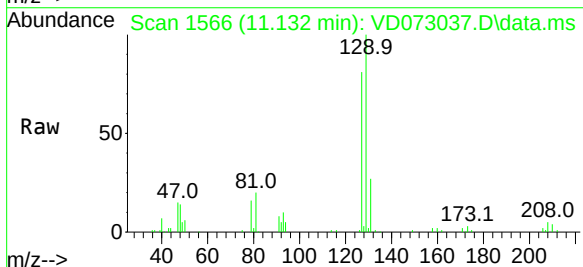
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

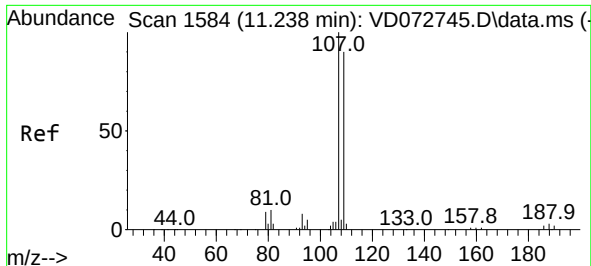
Tgt Ion: 43 Resp: 157152
Ion Ratio Lower Upper
43 100
58 52.6 25.3 75.9



#60
Dibromochloromethane
Concen: 19.938 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 129 Resp: 78765
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

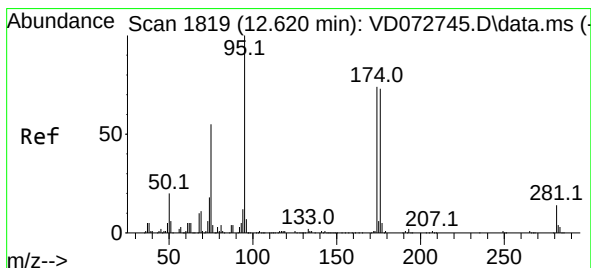
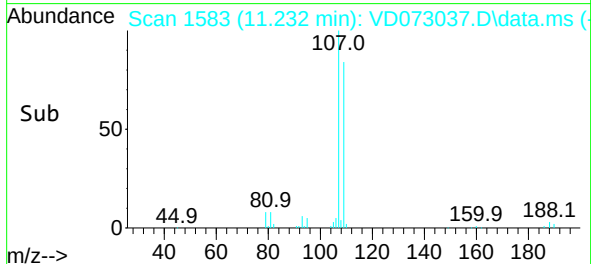
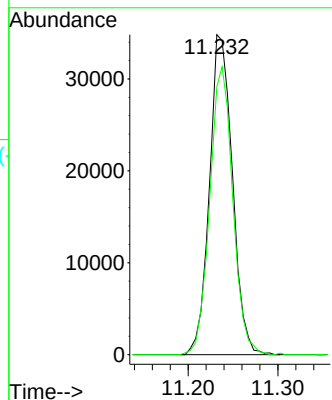
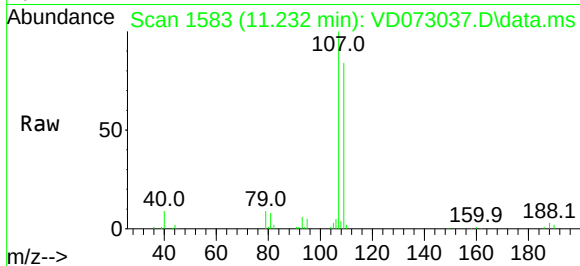




#61
1,2-Dibromoethane
Concen: 20.258 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

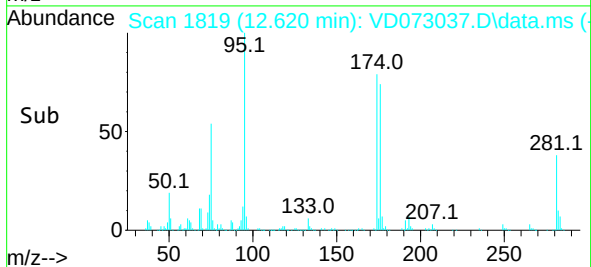
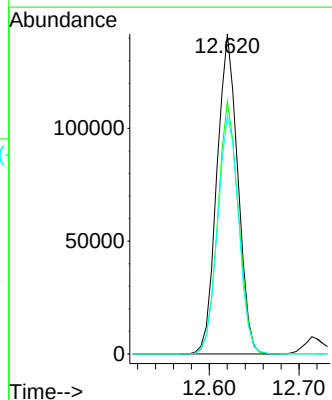
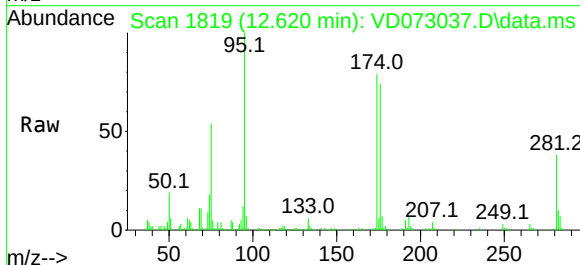
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

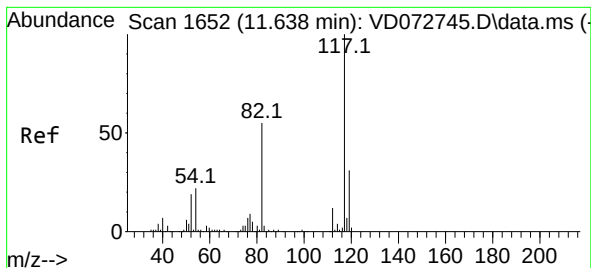
Tgt Ion:107 Resp: 61879
Ion Ratio Lower Upper
107 100
109 90.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.301 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 95 Resp: 229597
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 74.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

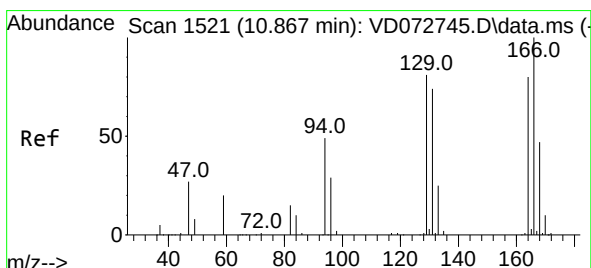
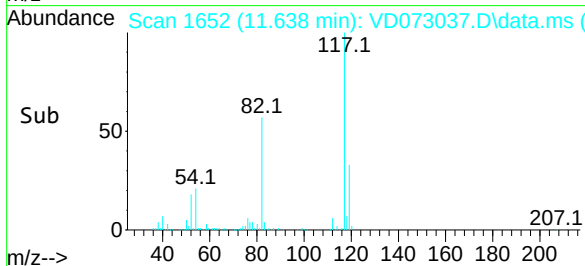
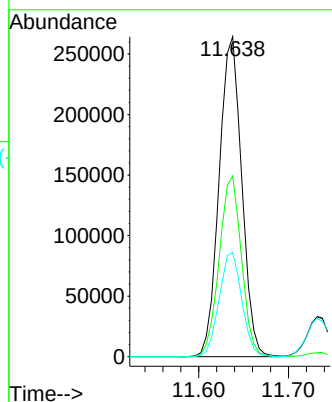
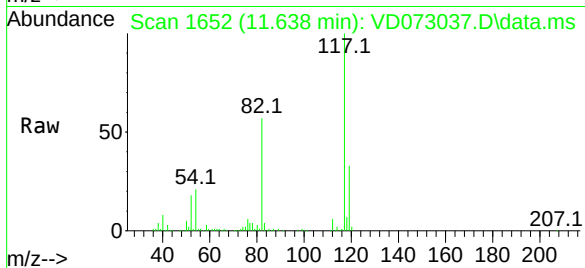
Tgt Ion:117 Resp: 462660

Ion Ratio Lower Upper

117 100

82 56.5 45.3 67.9

119 32.6 26.6 40.0



#64

Tetrachloroethene

Concen: 21.564 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Tgt Ion:164 Resp: 72942

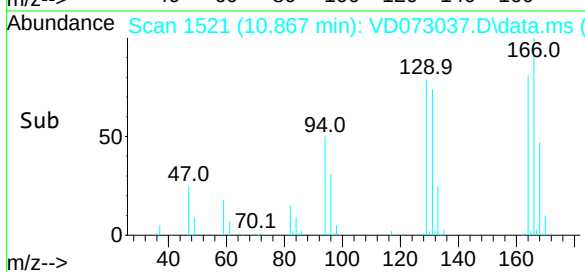
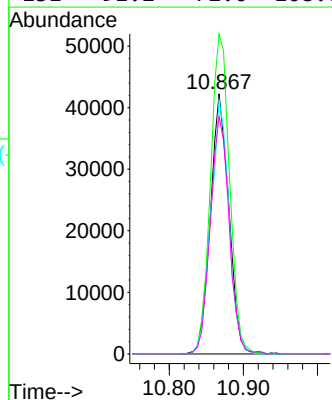
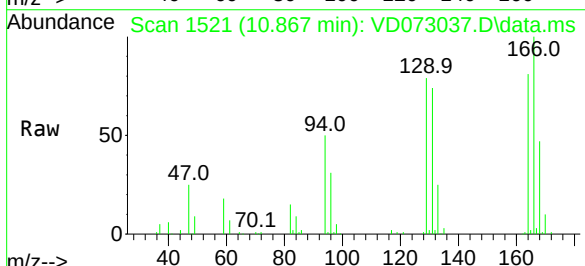
Ion Ratio Lower Upper

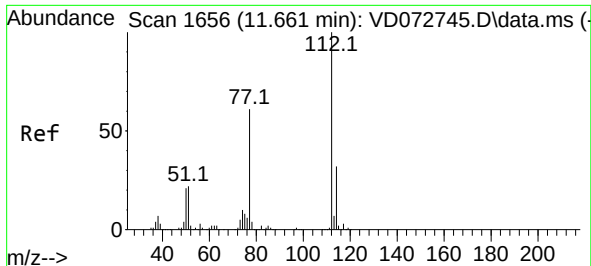
164 100

166 123.0 98.5 147.7

129 97.5 74.6 111.8

131 91.2 72.0 108.0

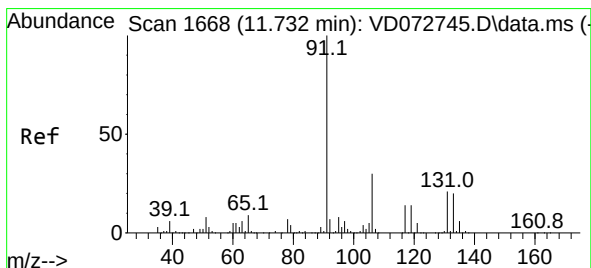
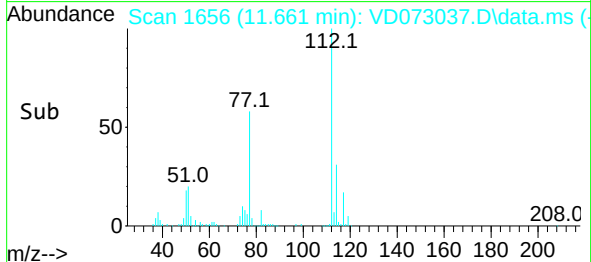
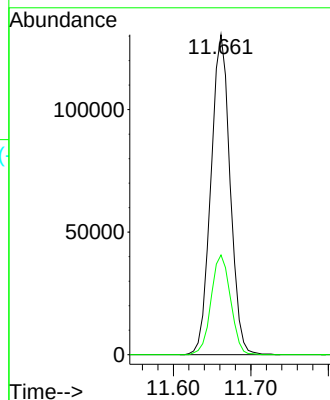
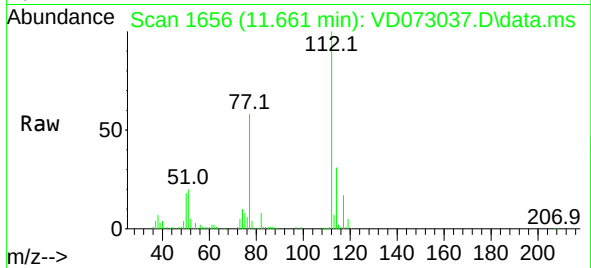




#65
Chlorobenzene
Concen: 21.004 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

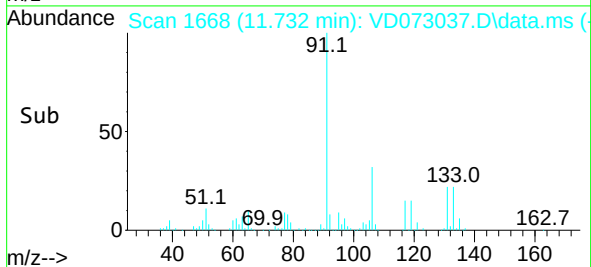
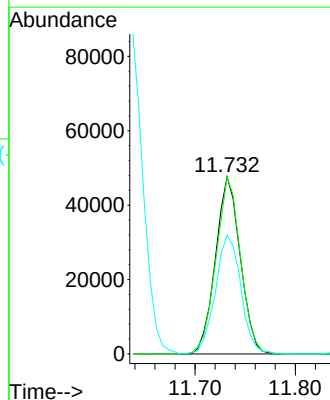
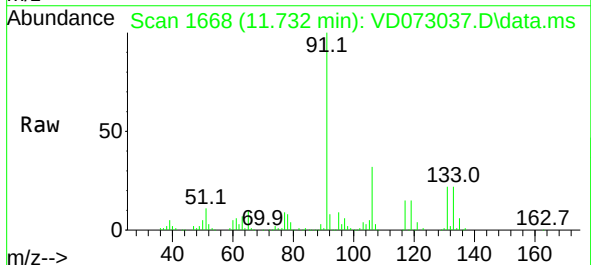
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

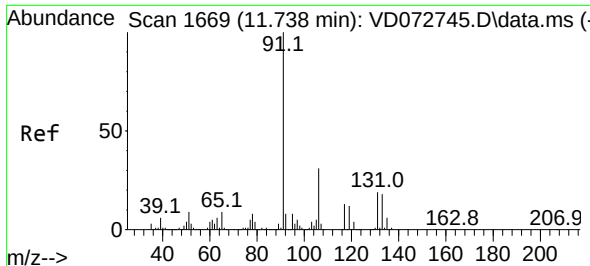
Tgt Ion:112 Resp: 224762
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.289 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion:131 Resp: 81593
Ion Ratio Lower Upper
131 100
133 99.3 48.1 144.3
119 69.0 31.9 95.9

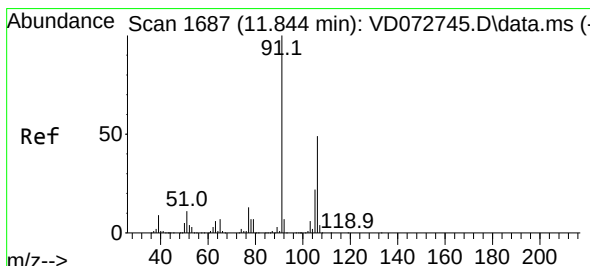
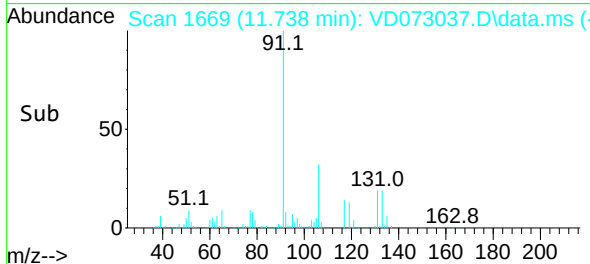
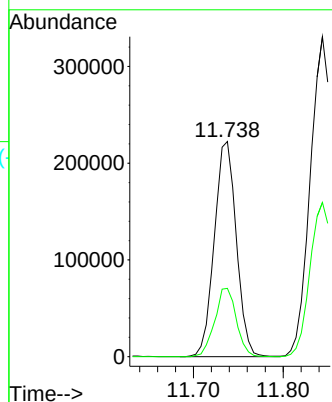
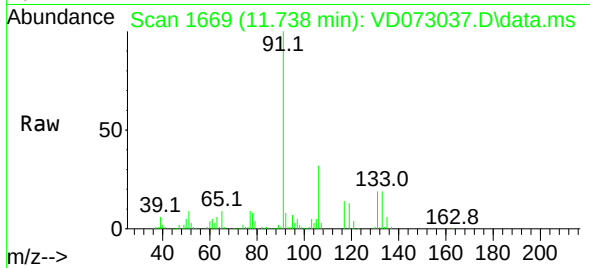




#67
Ethyl Benzene
Concen: 20.443 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

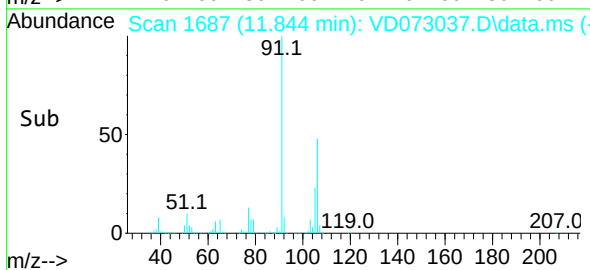
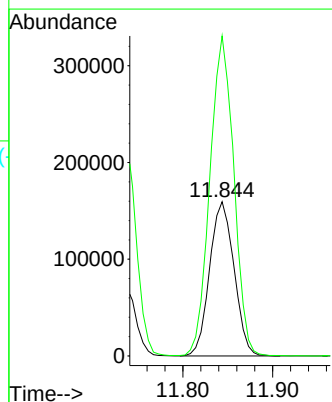
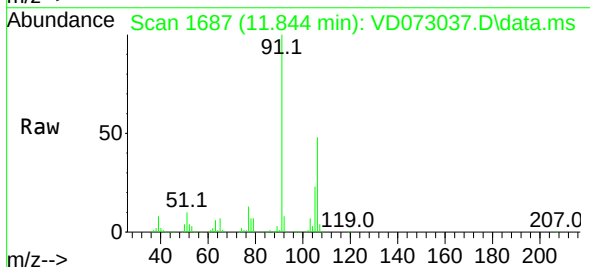
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

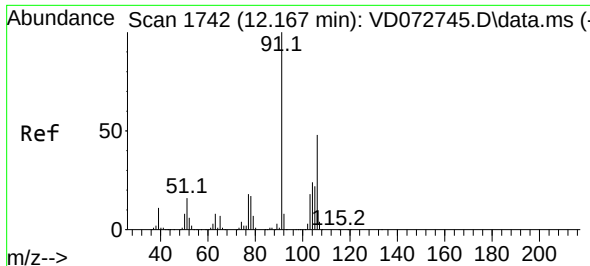
Tgt Ion: 91 Resp: 378587
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4



#68
m/p-Xylenes
Concen: 42.230 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 106 Resp: 301256
Ion Ratio Lower Upper
106 100
91 203.8 163.7 245.5

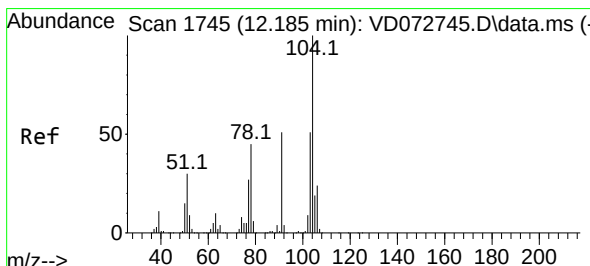
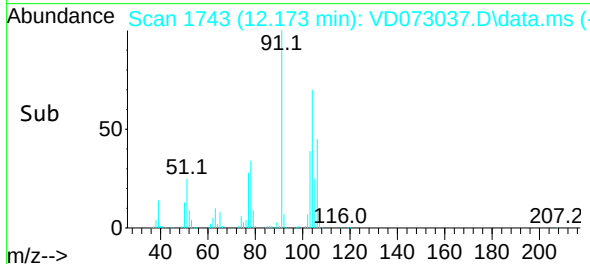
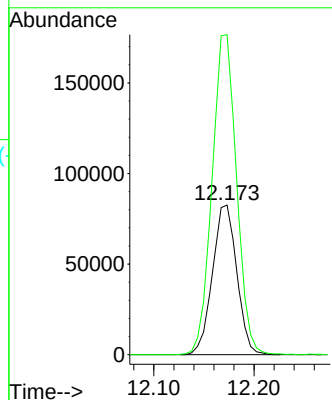
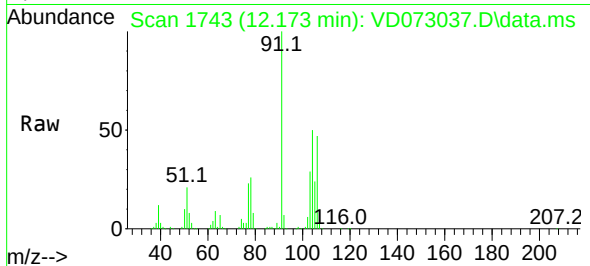




#69
o-Xylene
Concen: 20.889 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

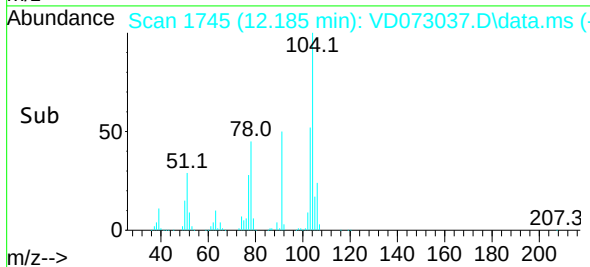
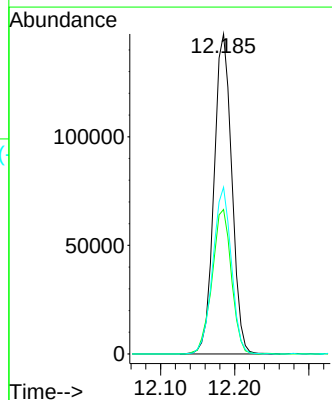
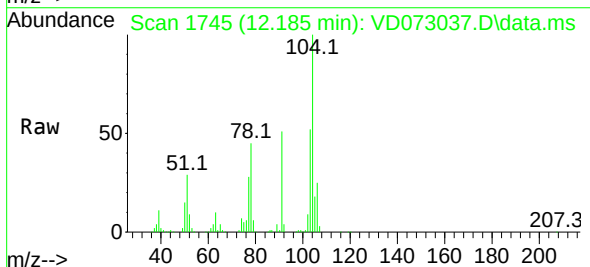
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

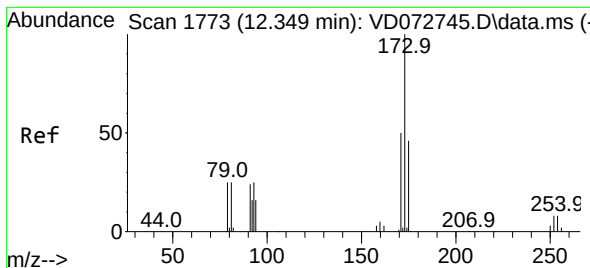
Tgt Ion:106 Resp: 139174
Ion Ratio Lower Upper
106 100
91 215.7 110.4 331.2



#70
Styrene
Concen: 21.236 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion:104 Resp: 245139
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 54.4 44.2 66.4





#71

Bromoform

Concen: 20.884 ug/l

RT: 12.350 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

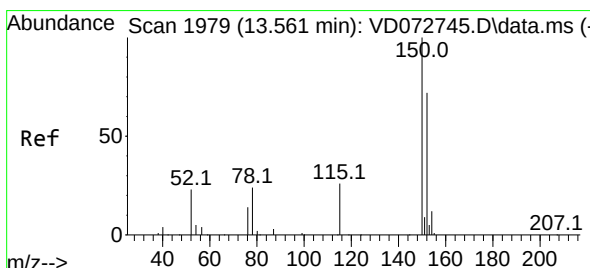
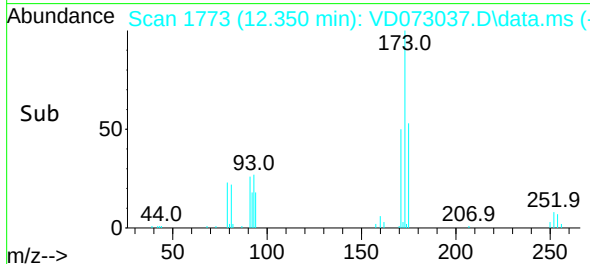
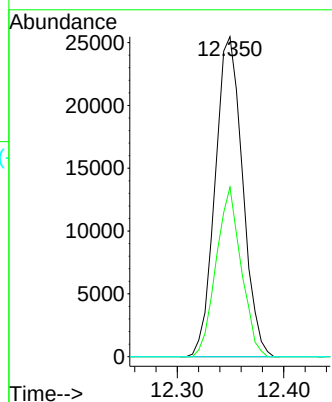
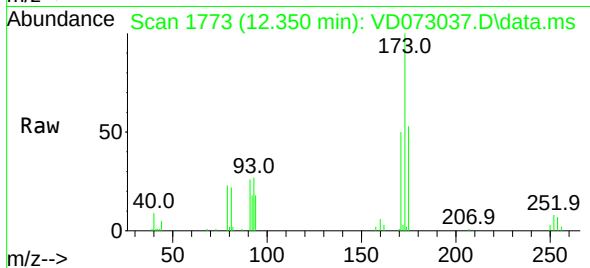
Tgt Ion:173 Resp: 45518

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

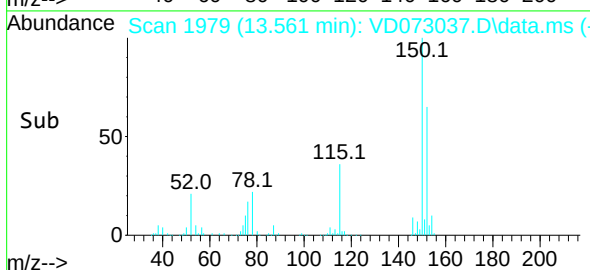
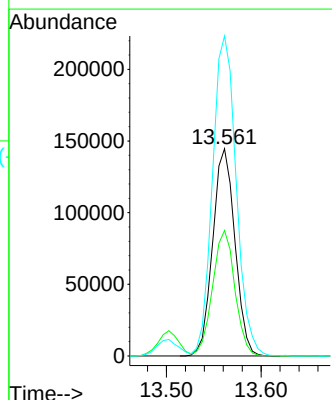
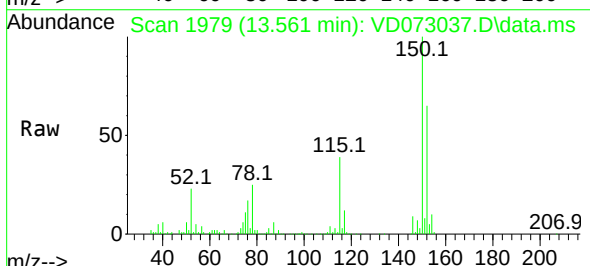
Tgt Ion:152 Resp: 235858

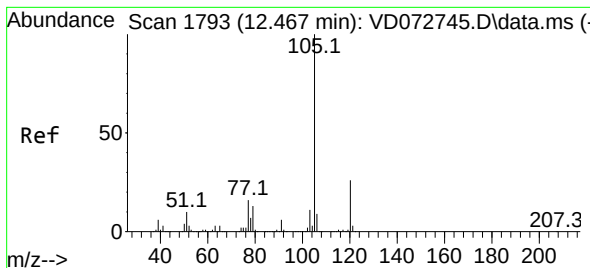
Ion Ratio Lower Upper

152 100

115 60.8 31.3 93.8

150 164.6 0.0 348.6





#73

Isopropylbenzene

Concen: 20.184 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

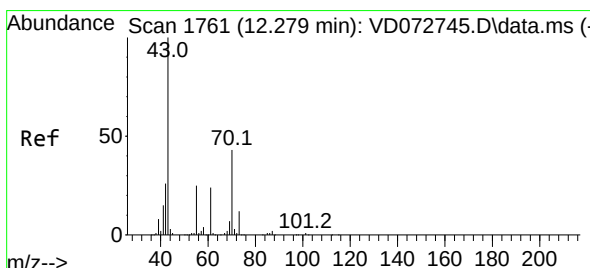
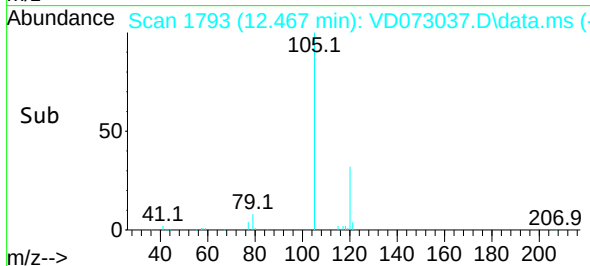
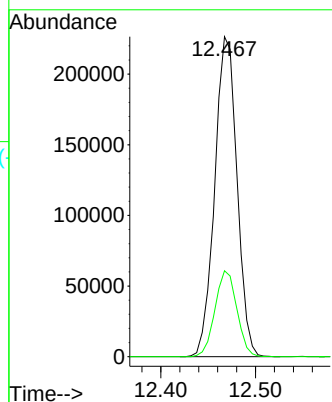
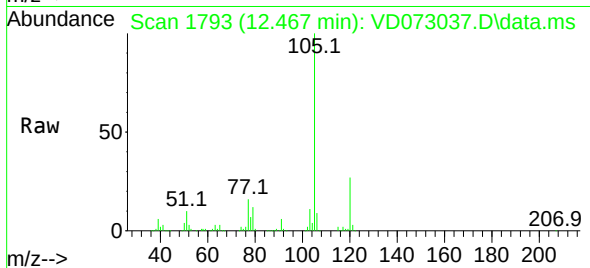
VD0516SBSD01

Tgt Ion:105 Resp: 370386

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 18.580 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Tgt Ion: 43 Resp: 84906

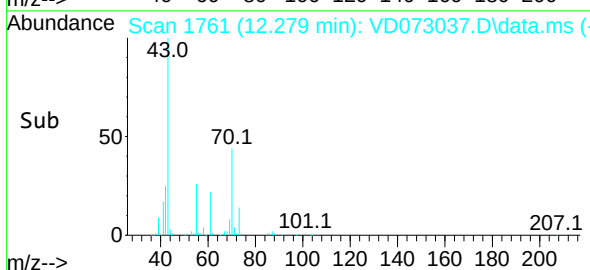
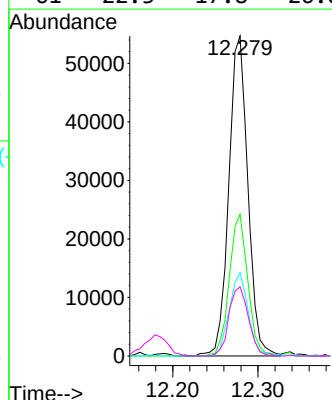
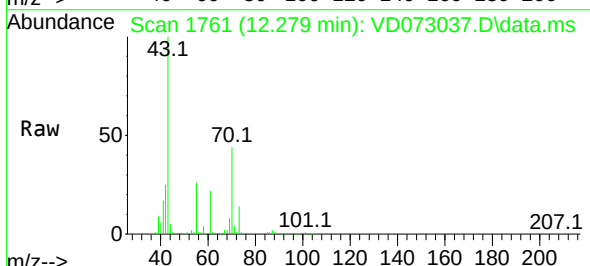
Ion Ratio Lower Upper

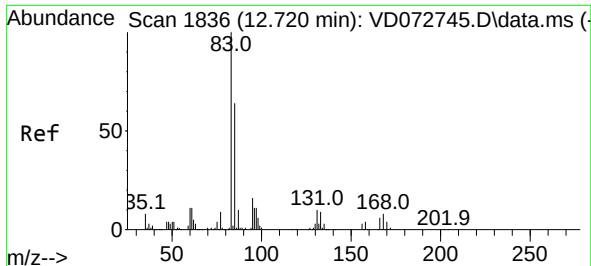
43 100

70 43.0 31.3 46.9

55 26.1 20.0 30.0

61 22.3 17.8 26.8

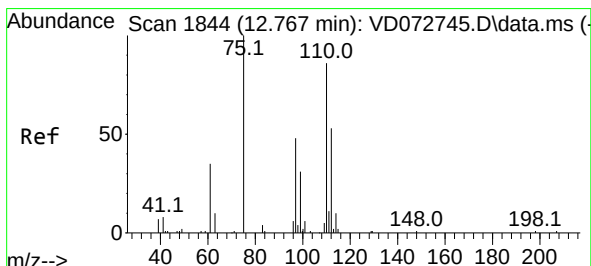
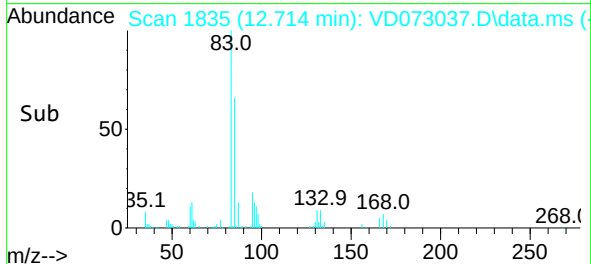
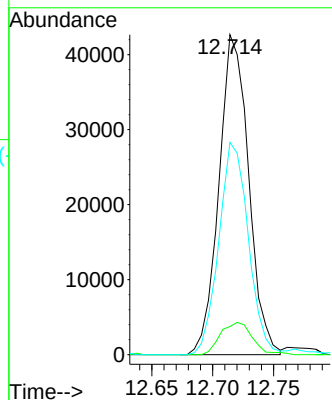
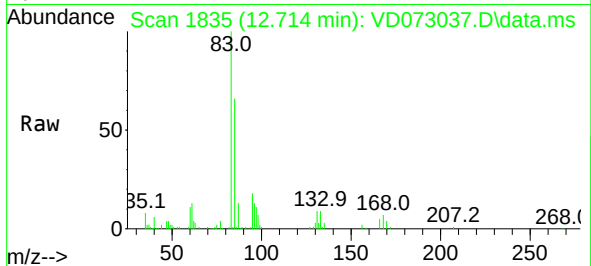




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.524 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

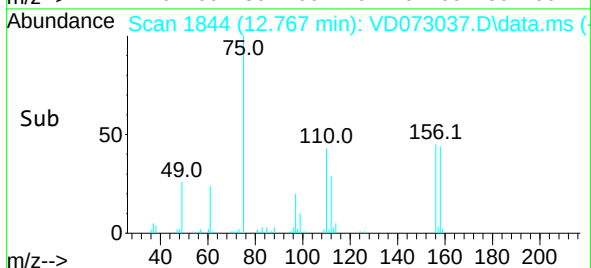
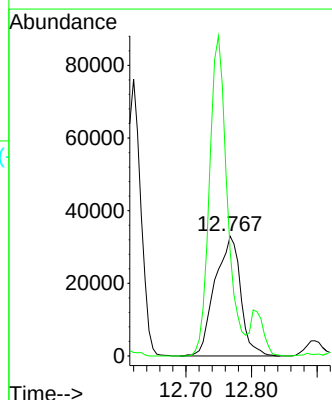
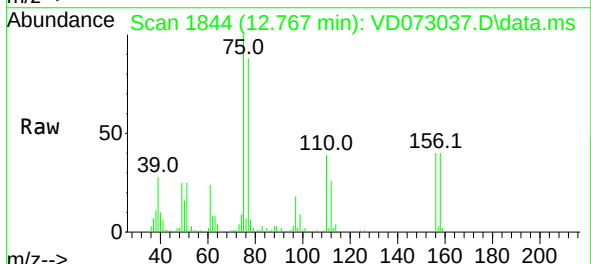
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

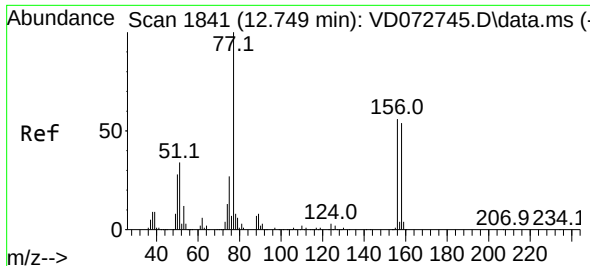
Tgt Ion: 83 Resp: 72322
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.0 14.9
 85 66.3 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 34.041 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

Tgt Ion: 75 Resp: 89526
 Ion Ratio Lower Upper
 75 100
 77 185.8 0.0 0.0#

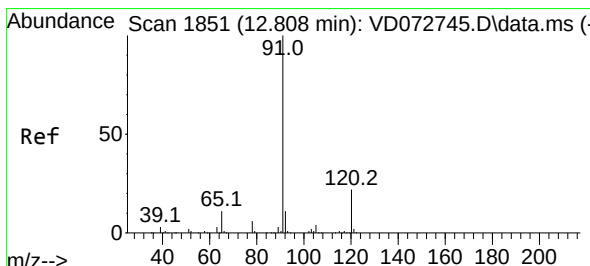
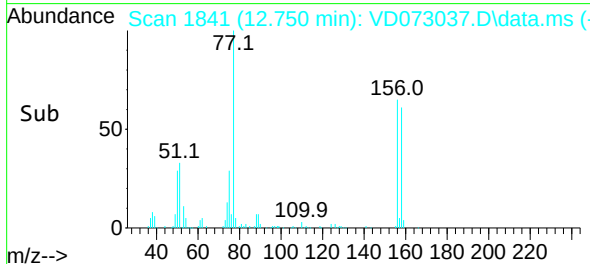
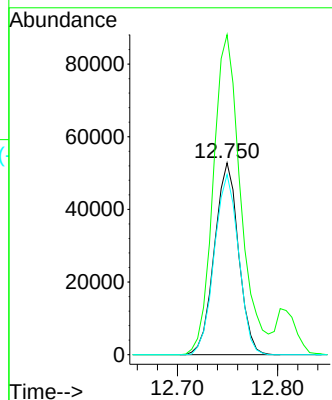
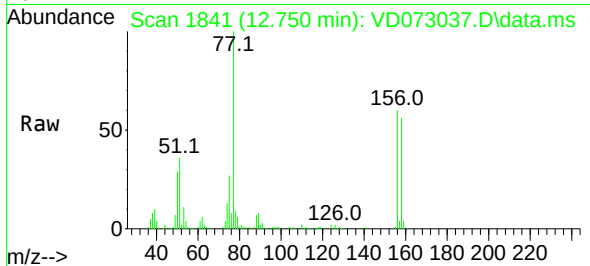




#77
Bromobenzene
Concen: 20.219 ug/l
RT: 12.750 min Scan# 1841
Delta R.T. 0.001 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

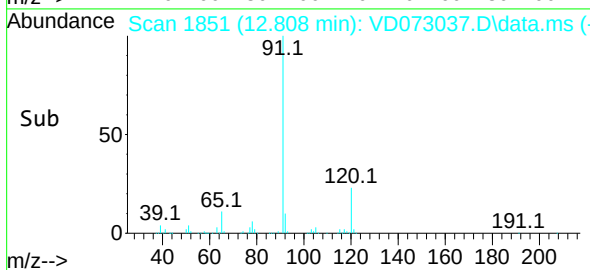
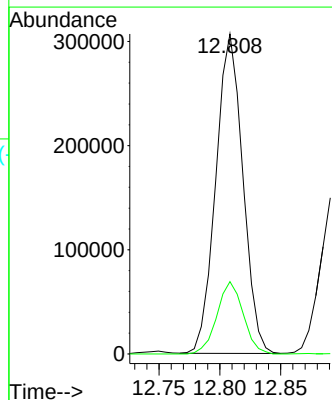
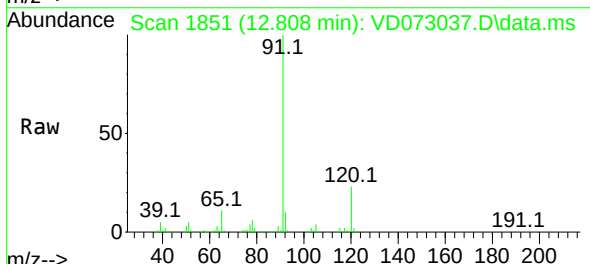
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

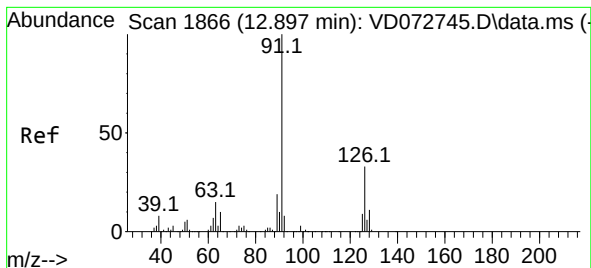
Tgt Ion:156 Resp: 88107
Ion Ratio Lower Upper
156 100
77 188.8 102.8 308.3
158 94.6 48.7 146.1



#78
n-propylbenzene
Concen: 20.476 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 91 Resp: 473569
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.839 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

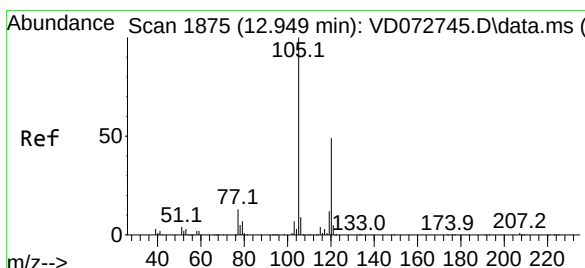
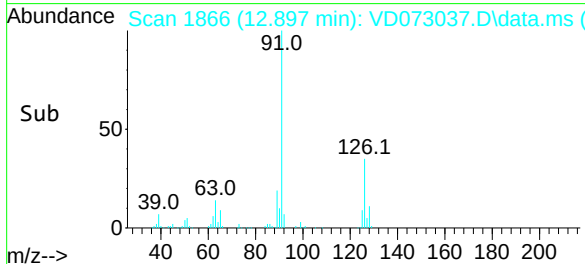
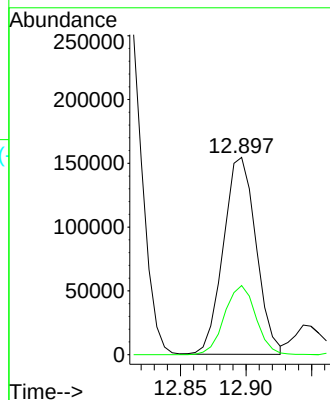
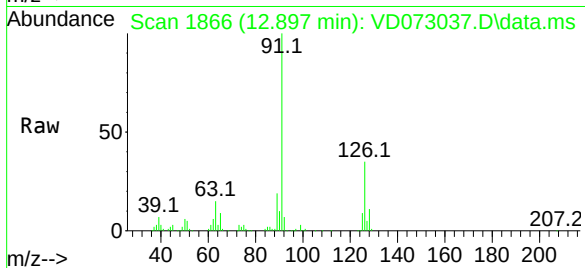
VD0516SBS01

Tgt Ion: 91 Resp: 268026

Ion Ratio Lower Upper

91 100

126 33.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 20.689 ug/l

RT: 12.950 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VD073037.D

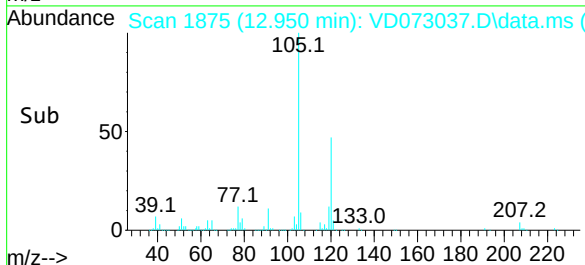
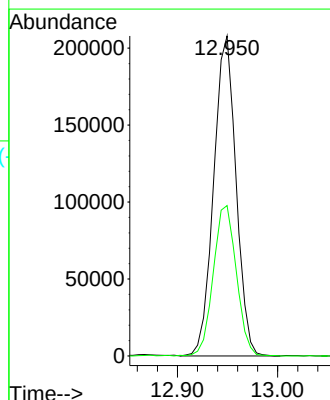
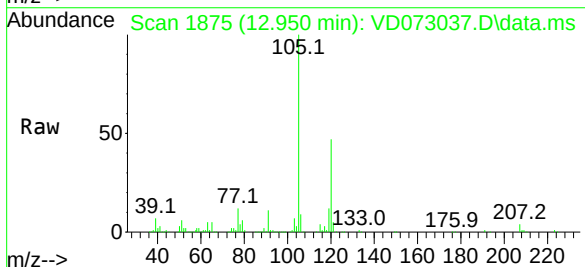
Acq: 16 May 2022 16:10

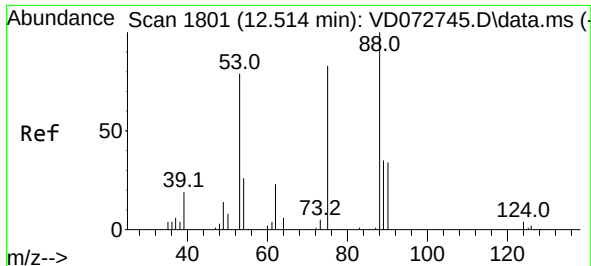
Tgt Ion: 105 Resp: 321917

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

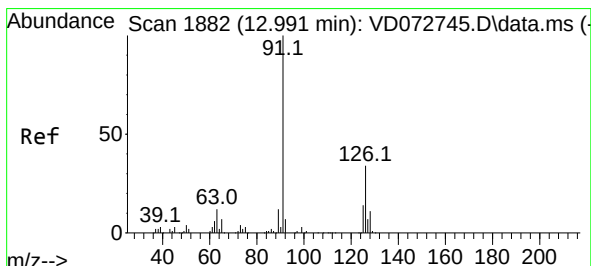
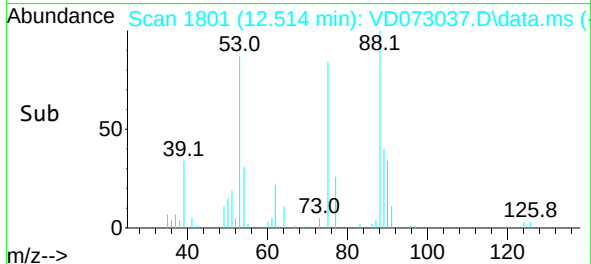
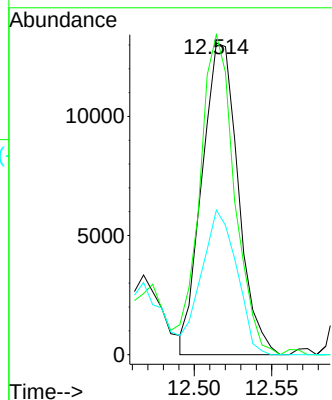
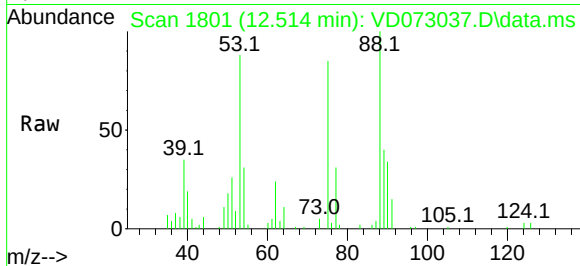




#81
trans-1,4-Dichloro-2-butene
Concen: 18.550 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

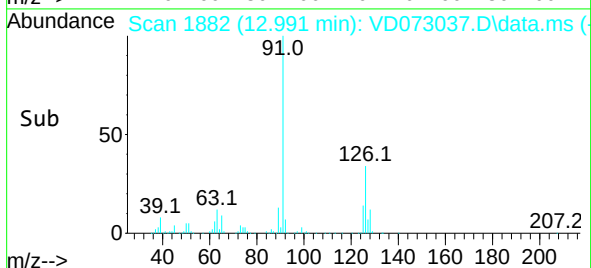
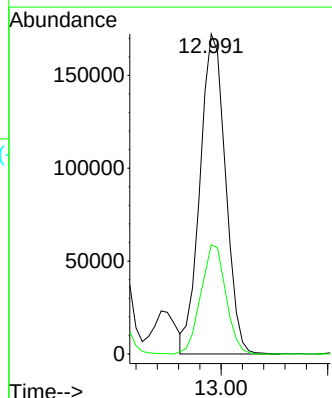
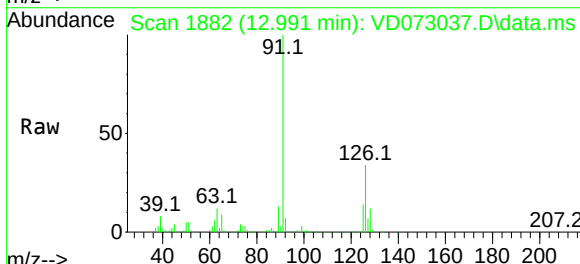
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

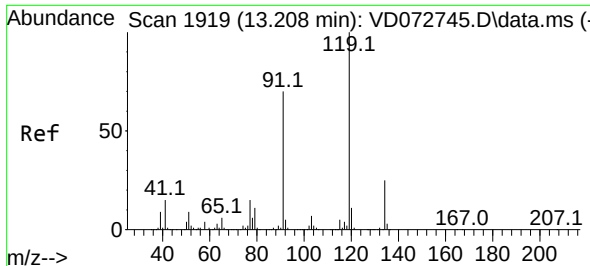
Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.1	86.5	129.7
89	45.3	33.9	50.9



#82
4-Chlorotoluene
Concen: 20.258 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.5	49.5

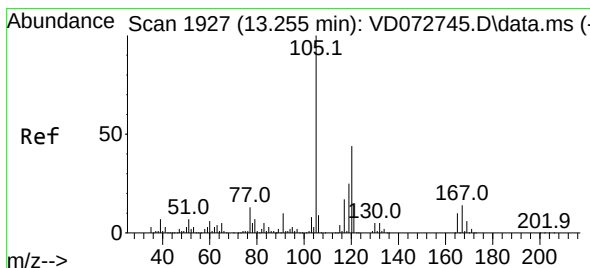
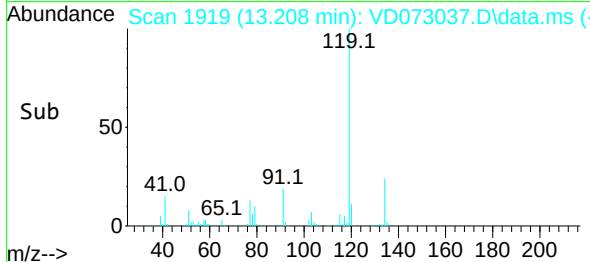
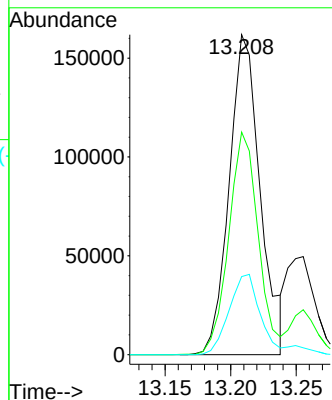
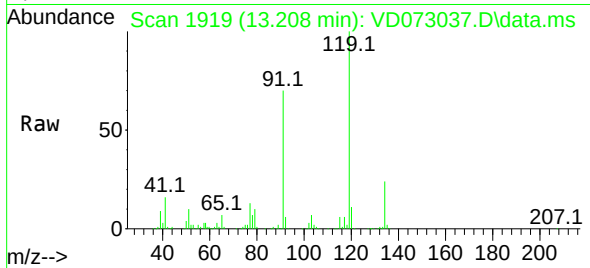




#83
 tert-Butylbenzene
 Concen: 20.166 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

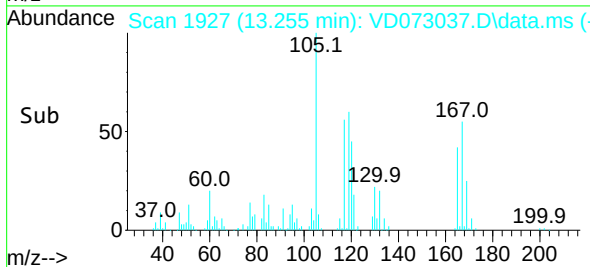
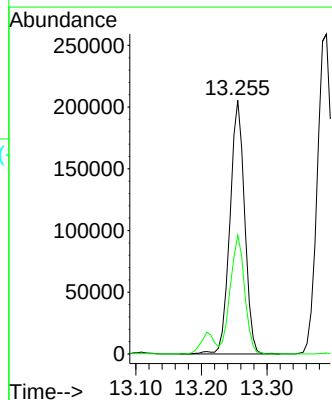
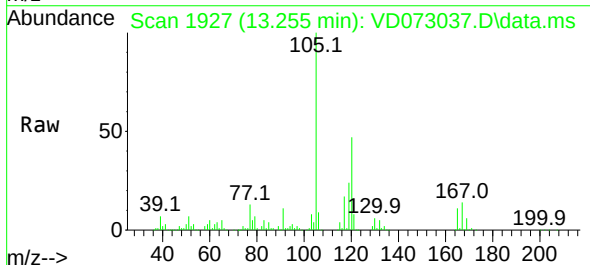
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD01

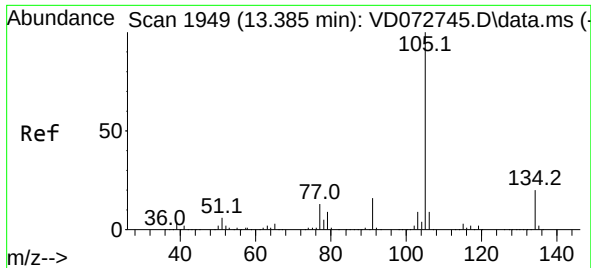
Tgt Ion:119 Resp: 266772
 Ion Ratio Lower Upper
 119 100
 91 66.2 34.8 104.5
 134 25.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.483 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

Tgt Ion:105 Resp: 318572
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8

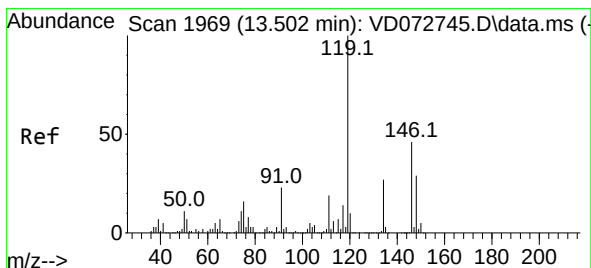
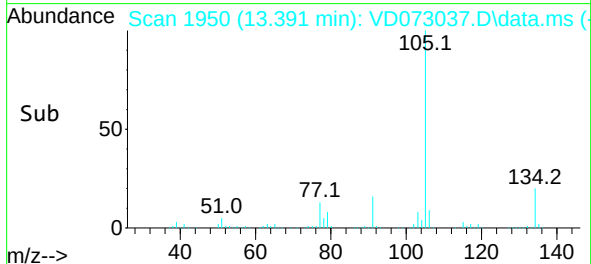
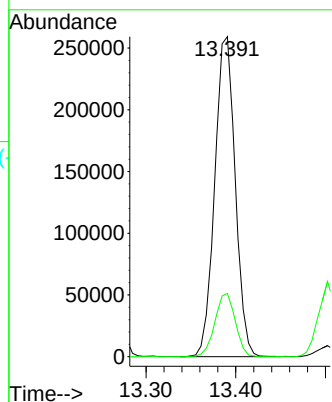
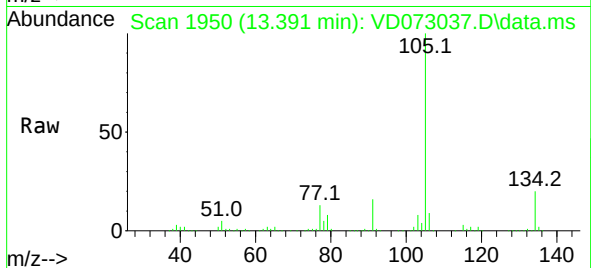




#85
 sec-Butylbenzene
 Concen: 20.589 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.006 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

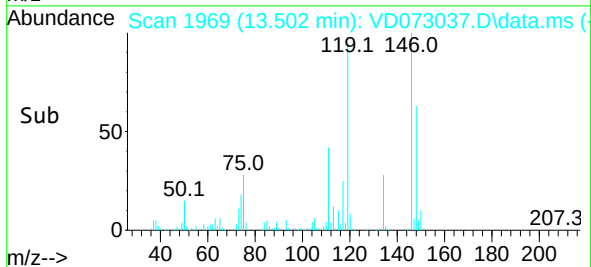
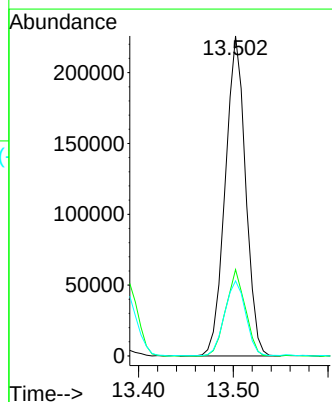
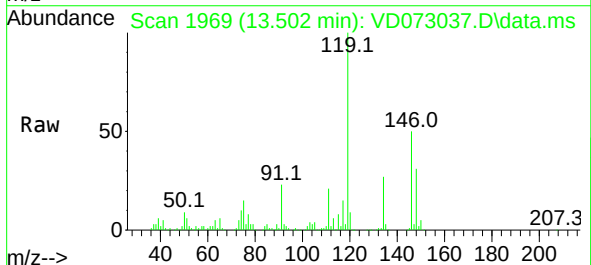
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD01

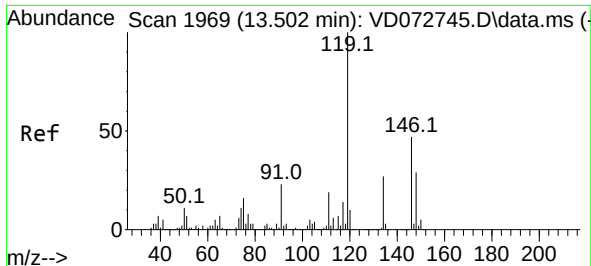
Tgt Ion:105 Resp: 410798
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.615 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073037.D
 Acq: 16 May 2022 16:10

Tgt Ion:119 Resp: 337221
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 24.1 12.1 36.3

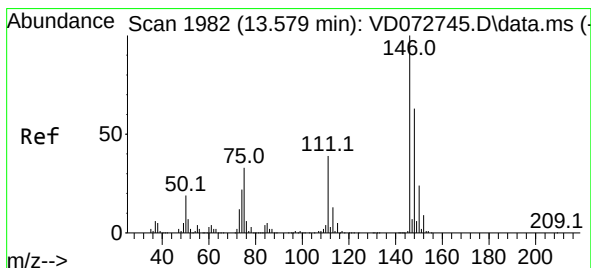
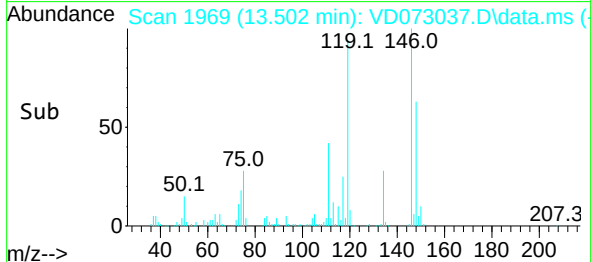
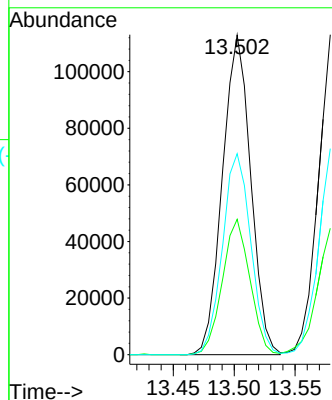
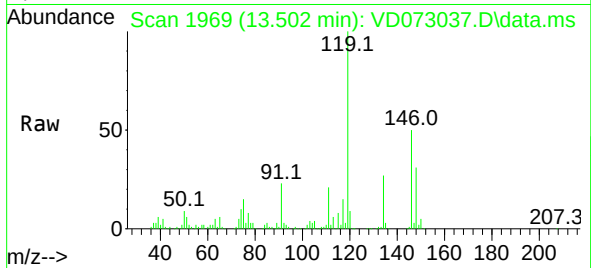




#87
1,3-Dichlorobenzene
Concen: 20.805 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

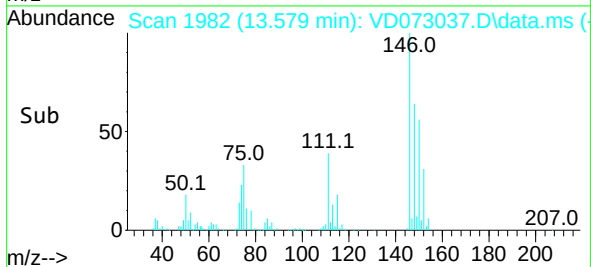
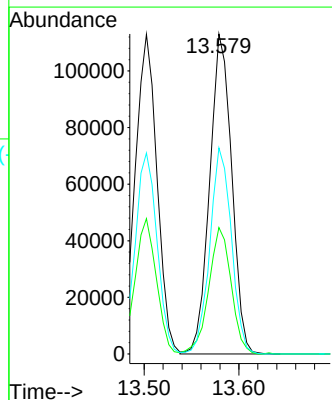
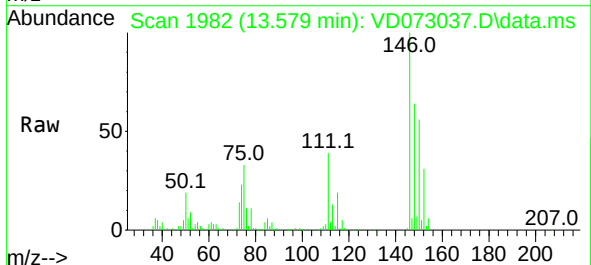
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

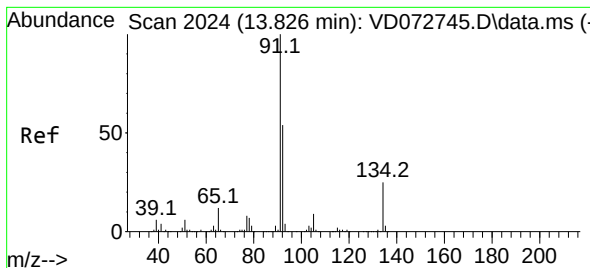
Tgt Ion:146 Resp: 182629
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 62.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.893 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion:146 Resp: 182644
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.9
148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 20.097 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073037.D

Acq: 16 May 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

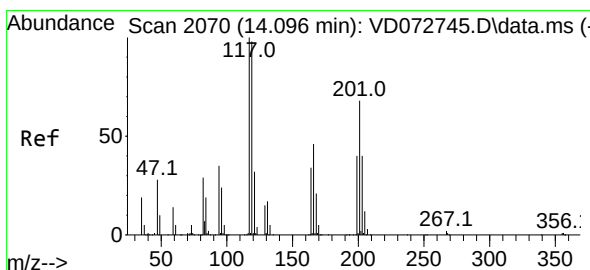
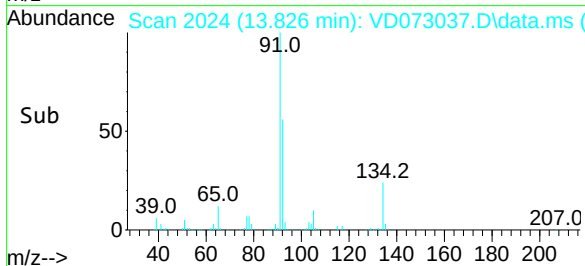
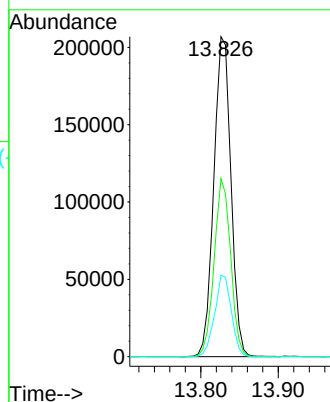
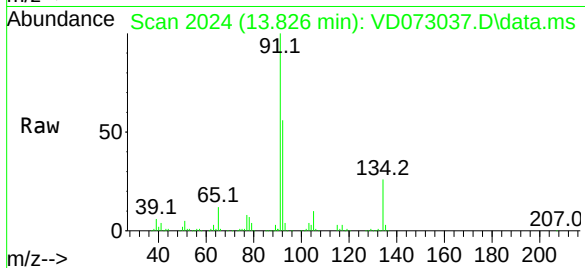
Tgt Ion: 91 Resp: 318476

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.8

134 24.9 12.3 36.9



#90

Hexachloroethane

Concen: 20.709 ug/l

RT: 14.097 min Scan# 2070

Delta R.T. 0.001 min

Lab File: VD073037.D

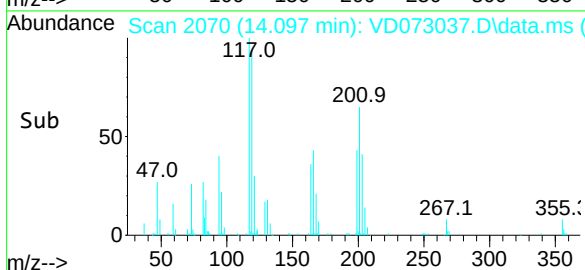
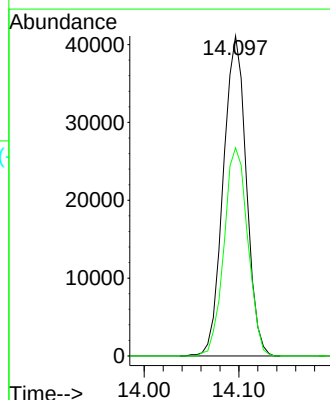
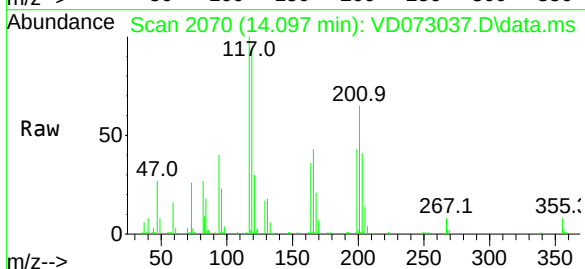
Acq: 16 May 2022 16:10

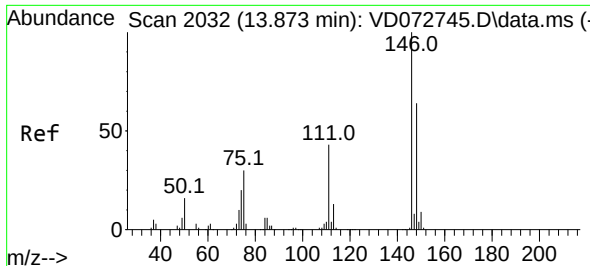
Tgt Ion: 117 Resp: 69401

Ion Ratio Lower Upper

117 100

201 67.2 33.4 100.2

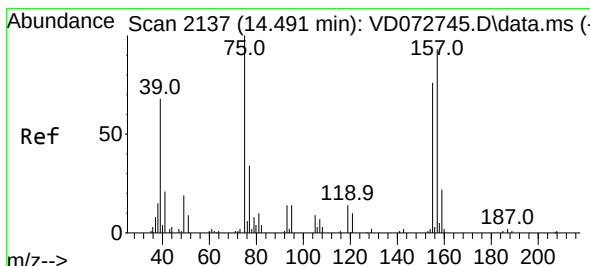
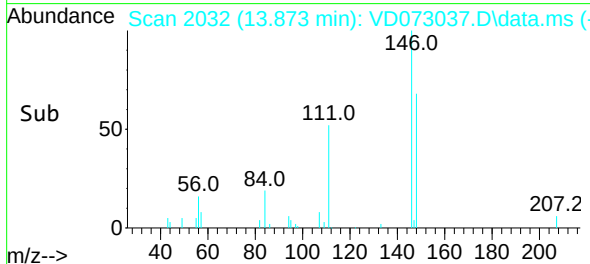
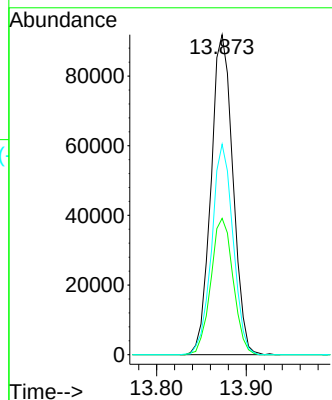
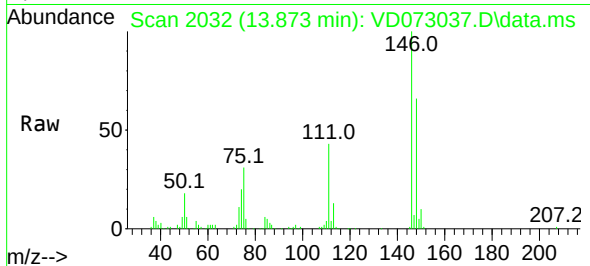




#91
1,2-Dichlorobenzene
Concen: 20.381 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

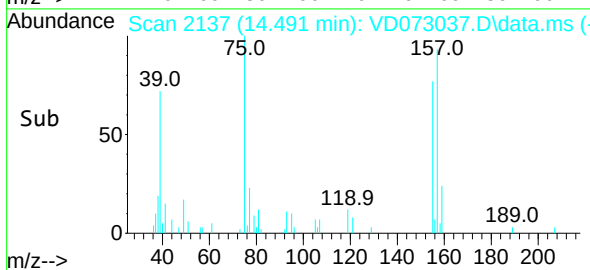
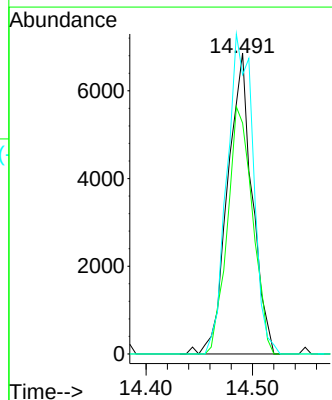
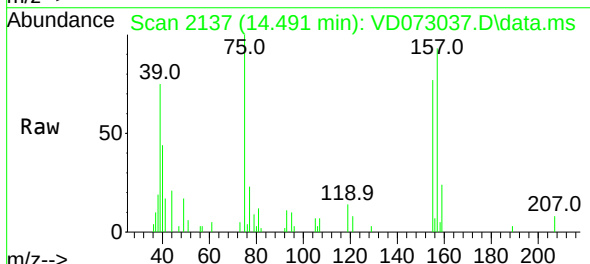
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

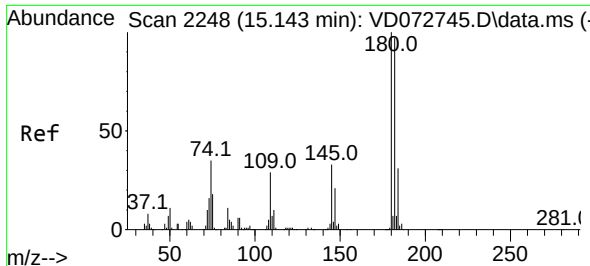
Tgt Ion:146 Resp: 155924
Ion Ratio Lower Upper
146 100
111 43.2 21.1 63.3
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.730 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion: 75 Resp: 10998
Ion Ratio Lower Upper
75 100
155 84.0 36.8 110.3
157 112.8 48.4 145.0

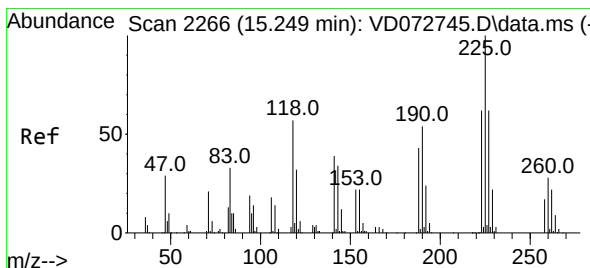
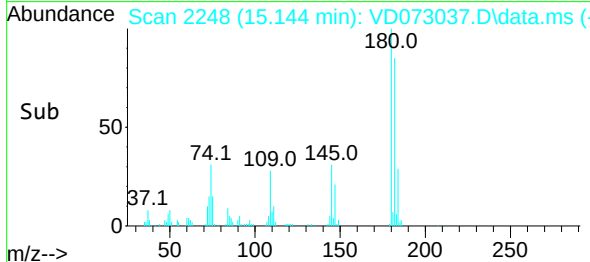
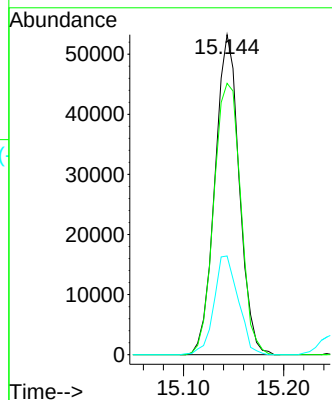
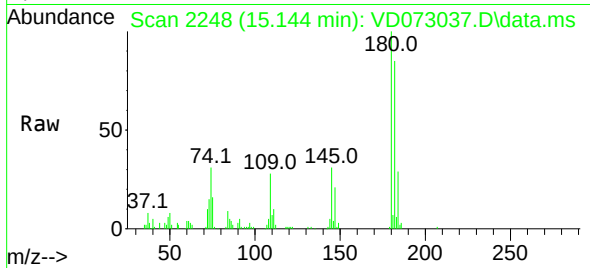




#93
1,2,4-Trichlorobenzene
Concen: 19.781 ug/l
RT: 15.144 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

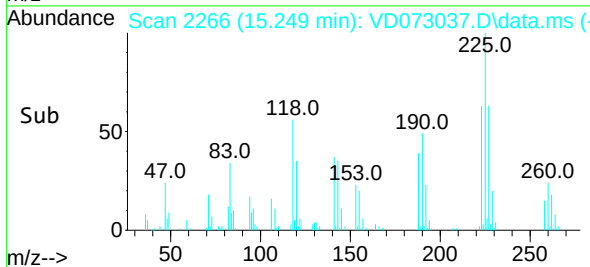
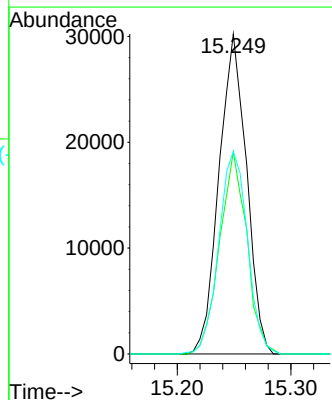
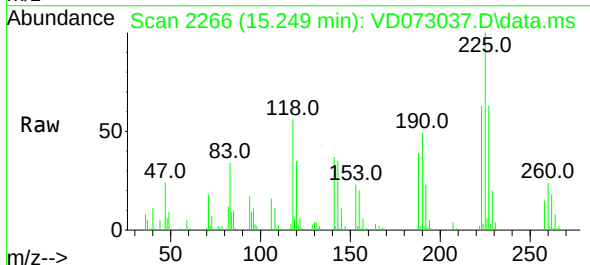
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

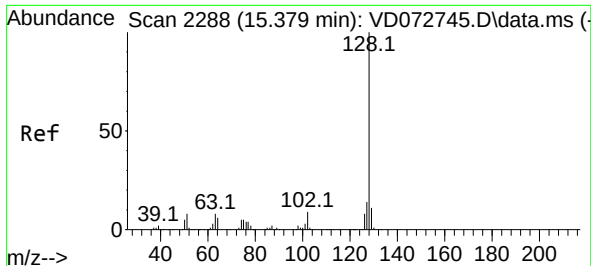
Tgt Ion:180 Resp: 89622
Ion Ratio Lower Upper
180 100
182 93.4 47.3 142.0
145 30.9 16.2 48.5



#94
Hexachlorobutadiene
Concen: 20.545 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion:225 Resp: 50837
Ion Ratio Lower Upper
225 100
223 62.4 31.1 93.2
227 66.1 32.4 97.0

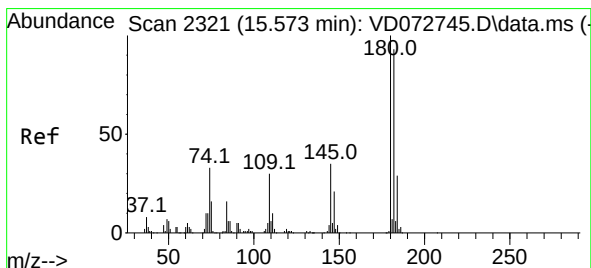
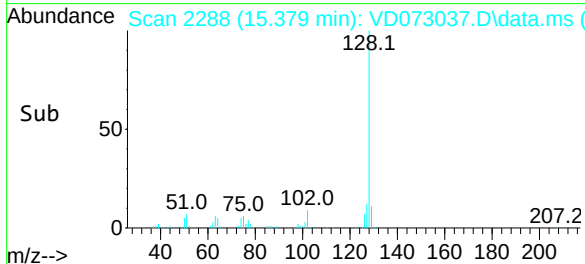
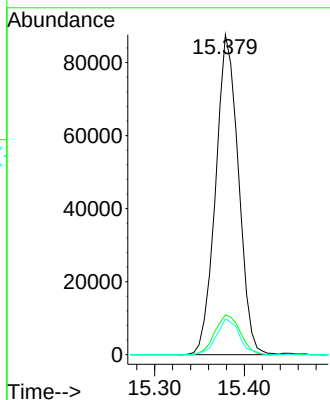
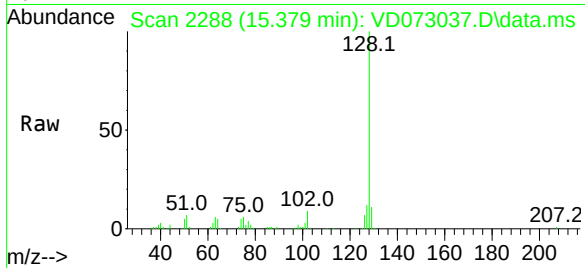




#95
Naphthalene
Concen: 18.597 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion:128 Resp: 154918
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 11.2 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.934 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD073037.D
Acq: 16 May 2022 16:10

Tgt Ion:180 Resp: 80063
Ion Ratio Lower Upper
180 100
182 96.5 47.6 142.9
145 34.1 17.1 51.3

