

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073295.D
 Acq On : 23 May 2022 22:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 03:29:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	292905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	502969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	497751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	243367	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	184560	57.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.040%	
35) Dibromofluoromethane	7.908	113	186801	56.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.560%	
50) Toluene-d8	10.332	98	671171	54.859	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.720%	
62) 4-Bromofluorobenzene	12.620	95	248379	57.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	121994	41.682	ug/l	100
3) Chloromethane	2.209	50	135367	40.902	ug/l	96
4) Vinyl Chloride	2.344	62	124960	41.292	ug/l	99
5) Bromomethane	2.756	94	91812	47.089	ug/l	93
6) Chloroethane	2.915	64	85257	45.828	ug/l	98
7) Trichlorofluoromethane	3.262	101	250372	46.789	ug/l	100
8) Diethyl Ether	3.709	74	85835	58.375	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	150800	47.231	ug/l	96
10) Methyl Iodide	4.291	142	159522	46.309	ug/l	99
11) Tert butyl alcohol	5.214	59	98752	196.630	ug/l #	90
12) 1,1-Dichloroethene	4.056	96	143671	48.808	ug/l	87
13) Acrolein	3.920	56	53245	269.874	ug/l	100
14) Allyl chloride	4.709	41	238151	50.121	ug/l	91
15) Acrylonitrile	5.414	53	216030	321.292	ug/l	96
16) Acetone	4.156	43	155669	277.641	ug/l	91
17) Carbon Disulfide	4.403	76	391819	40.153	ug/l	99
18) Methyl Acetate	4.709	43	98078	62.907	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	414007	61.737	ug/l	96
20) Methylene Chloride	4.956	84	248877	71.715	ug/l	88
21) trans-1,2-Dichloroethene	5.461	96	175377	49.276	ug/l	85
22) Diisopropyl ether	6.361	45	584284	58.660	ug/l	93
23) Vinyl Acetate	6.297	43	1638839	308.462	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	328869	51.439	ug/l	98
25) 2-Butanone	7.208	43	261772	319.116	ug/l	92
26) 2,2-Dichloropropane	7.203	77	251227	46.077	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	214542	54.478	ug/l	89
28) Bromochloromethane	7.538	49	123088	55.883	ug/l #	82
29) Tetrahydrofuran	7.555	42	171261	322.877	ug/l	91
30) Chloroform	7.703	83	357154	53.508	ug/l	97
31) Cyclohexane	7.979	56	247796	43.805	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	293610	50.294	ug/l	95
36) 1,1-Dichloropropene	8.108	75	240972	48.276	ug/l	96
37) Ethyl Acetate	7.285	43	121516	61.632	ug/l #	94
38) Carbon Tetrachloride	8.091	117	251468	49.699	ug/l	98
39) Methylcyclohexane	9.350	83	263597	47.385	ug/l	96
40) Benzene	8.344	78	747256	51.944	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	64408	56.068	ug/l #	86
42) 1,2-Dichloroethane	8.414	62	224830	56.168	ug/l	97
43) Isopropyl Acetate	8.444	43	228039	62.573	ug/l #	94
44) Trichloroethene	9.102	130	196009	51.094	ug/l	93
45) 1,2-Dichloropropane	9.379	63	201000	55.480	ug/l	95
46) Dibromomethane	9.467	93	112774	56.677	ug/l	98
47) Bromodichloromethane	9.649	83	284339	55.849	ug/l	99
48) Methyl methacrylate	9.449	41	106228	57.937	ug/l #	80
49) 1,4-Dioxane	9.455	88	26777	1303.119	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	622983	329.133	ug/l	93
52) Toluene	10.397	92	486826	53.552	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	260123	56.555	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	308747	56.093	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	156056	57.998	ug/l	98
56) Ethyl methacrylate	10.649	69	191847	64.128	ug/l	88
57) 1,3-Dichloropropane	10.938	76	261603	57.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	436078	301.896	ug/l	96
59) 2-Hexanone	10.973	43	421061	337.417	ug/l	93
60) Dibromochloromethane	11.132	129	198476	59.157	ug/l	98
61) 1,2-Dibromoethane	11.238	107	152686	59.385	ug/l	99
64) Tetrachloroethene	10.867	164	155443	47.680	ug/l	98
65) Chlorobenzene	11.661	112	528522	51.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	202109	53.369	ug/l	98
67) Ethyl Benzene	11.732	91	920251	51.338	ug/l	98
68) m/p-Xylenes	11.843	106	729896	104.805	ug/l	98
69) o-Xylene	12.167	106	344155	53.793	ug/l	96
70) Styrene	12.185	104	607917	55.229	ug/l	98
71) Bromoform	12.349	173	114833	58.917	ug/l #	99
73) Isopropylbenzene	12.467	105	890067	51.302	ug/l	100
74) N-amyl acetate	12.273	43	229632	60.672	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	183749	57.426	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	226515	94.861	ug/l #	100
77) Bromobenzene	12.749	156	217814	53.332	ug/l	94
78) n-propylbenzene	12.808	91	1114717	51.179	ug/l	99
79) 2-Chlorotoluene	12.896	91	654402	52.036	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	776546	52.838	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	56542	56.846	ug/l	90
82) 4-Chlorotoluene	12.990	91	686022	52.044	ug/l	99
83) tert-Butylbenzene	13.208	119	630298	50.887	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	771115	53.111	ug/l	99
85) sec-Butylbenzene	13.385	105	958562	50.683	ug/l	99
86) p-Isopropyltoluene	13.502	119	803364	52.109	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	441148	53.589	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	430944	51.859	ug/l	99
89) n-Butylbenzene	13.826	91	766482	52.178	ug/l	99
90) Hexachloroethane	14.096	117	162221	50.852	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	390424	54.815	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	28221	57.592	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	229350	56.718	ug/l	99
94) Hexachlorobutadiene	15.243	225	112309	49.287	ug/l	97
95) Naphthalene	15.379	128	450514	56.103	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	207975	58.015	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

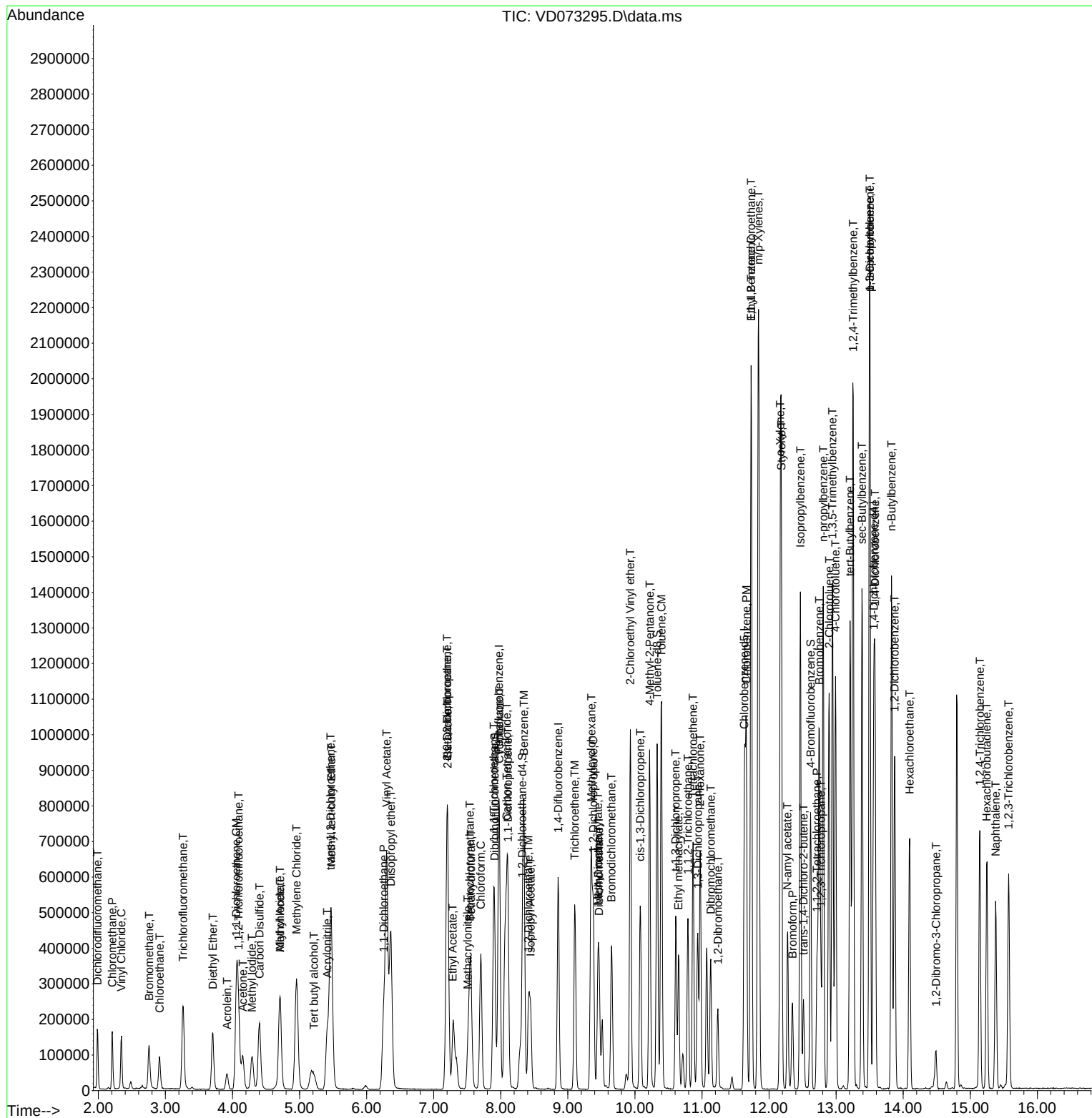
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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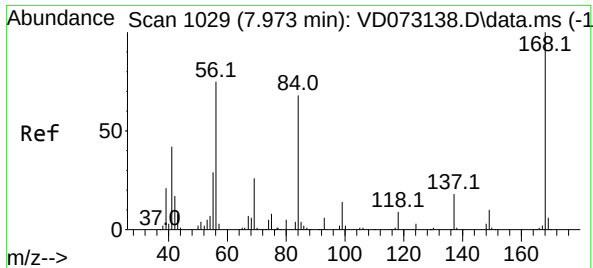
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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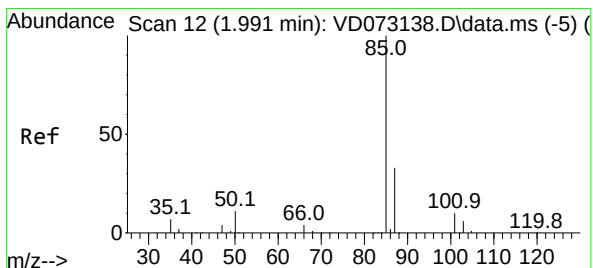
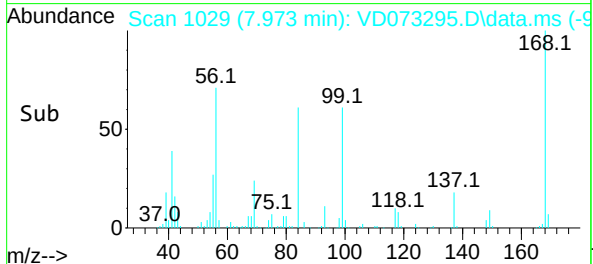
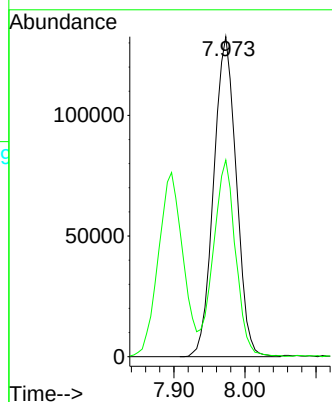
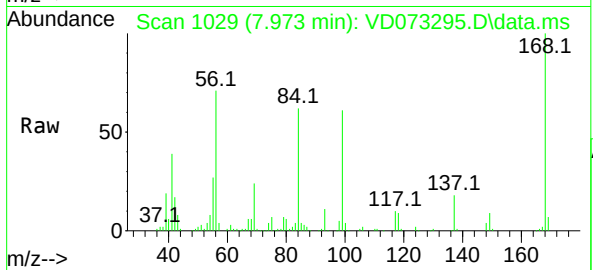




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073295.D
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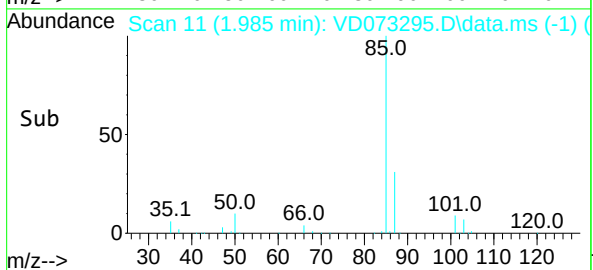
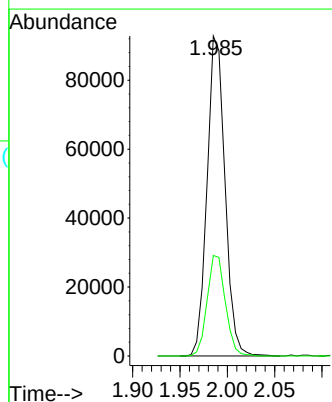
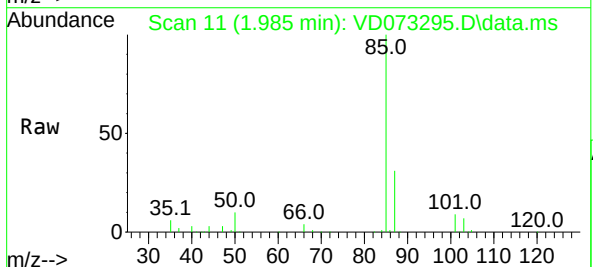
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

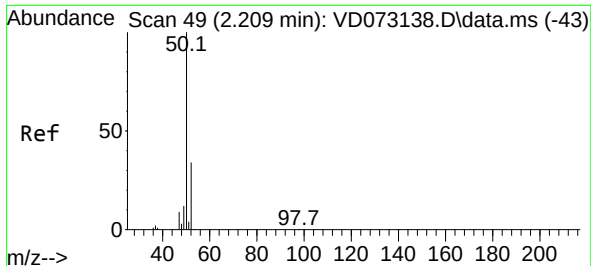
Tgt Ion:168 Resp: 292905
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 41.682 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 85 Resp: 121994
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0

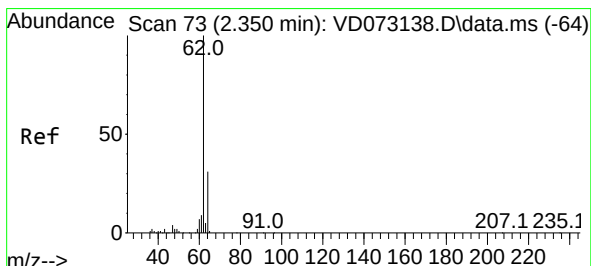
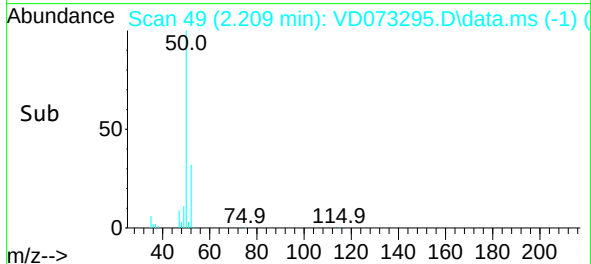
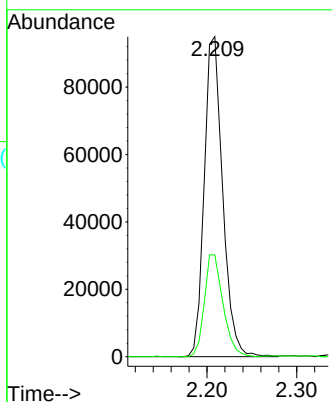
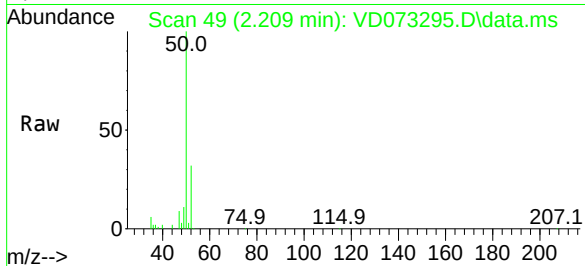




#3
Chloromethane
Concen: 40.902 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

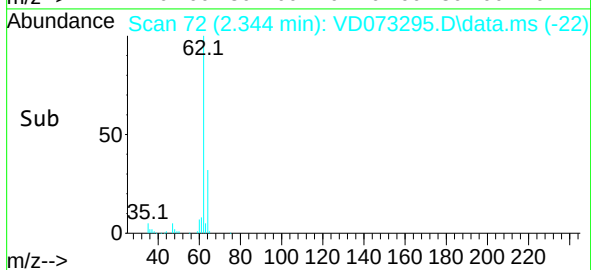
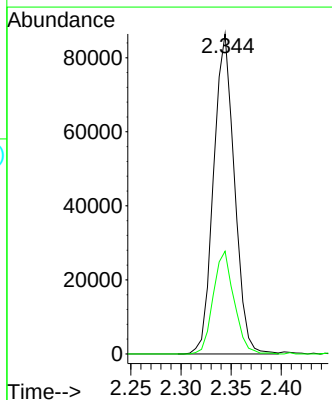
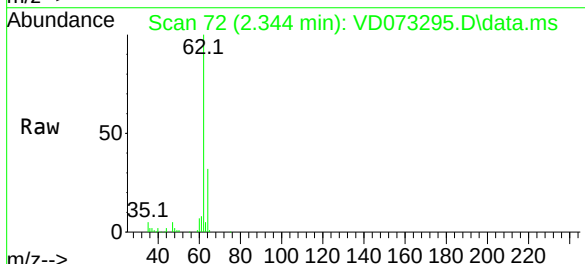
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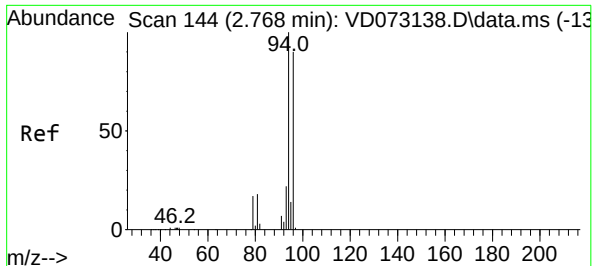
Tgt Ion: 50 Resp: 135367
Ion Ratio Lower Upper
50 100
52 31.8 27.4 41.0



#4
Vinyl Chloride
Concen: 41.292 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 62 Resp: 124960
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

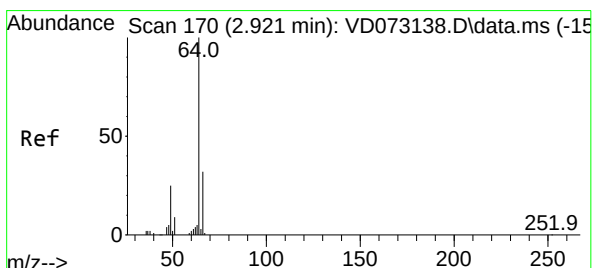
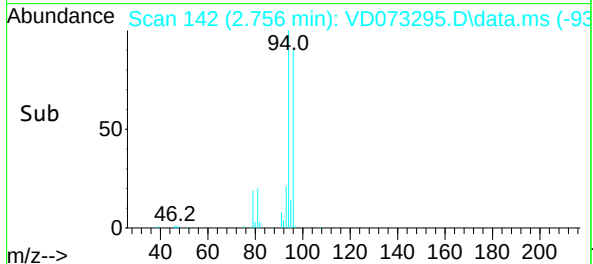
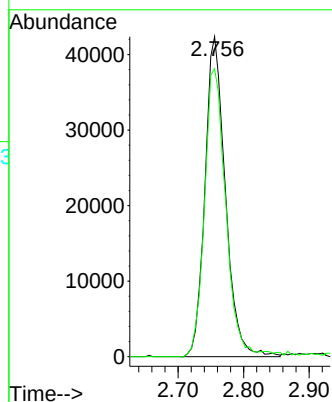
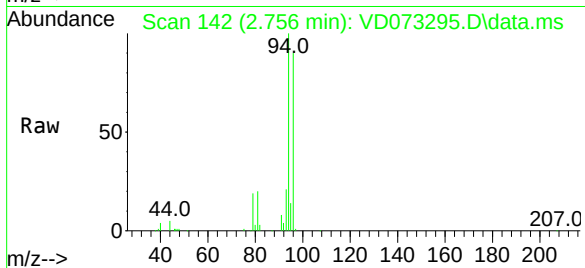




#5
Bromomethane
Concen: 47.089 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD073295.D
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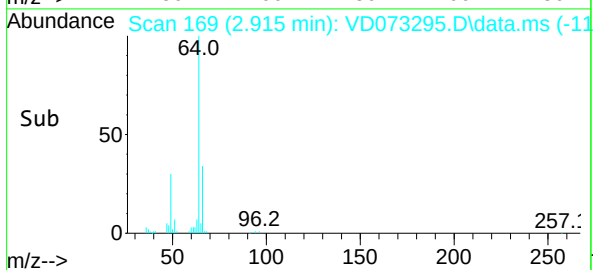
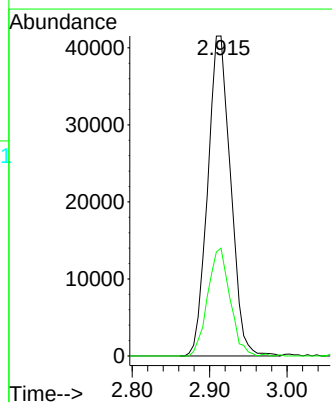
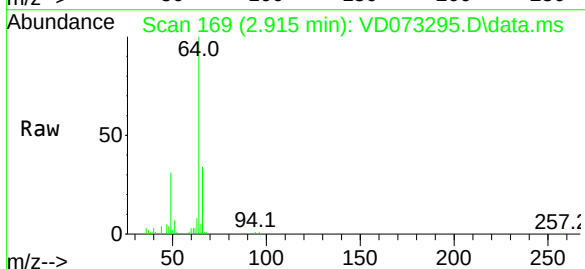
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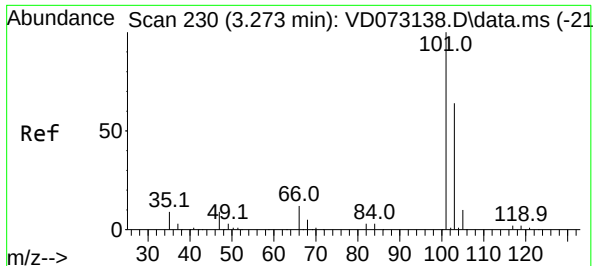
Tgt Ion: 94 Resp: 91812
Ion Ratio Lower Upper
94 100
96 89.9 77.6 116.4



#6
Chloroethane
Concen: 45.828 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 64 Resp: 85257
Ion Ratio Lower Upper
64 100
66 33.7 25.9 38.9

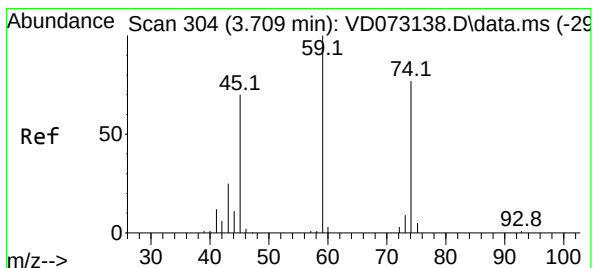
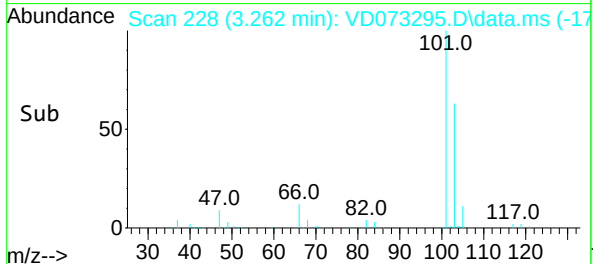
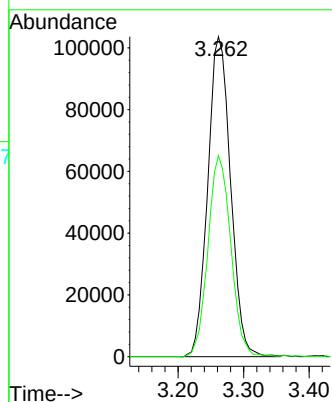
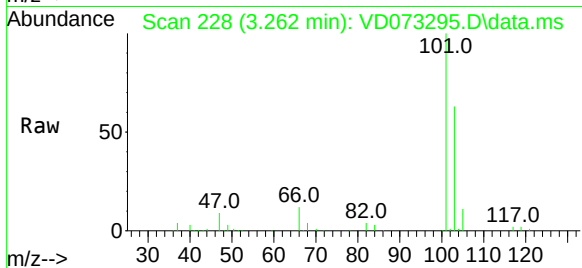




#7
 Trichlorofluoromethane
 Concen: 46.789 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: VD073295.D
 Acq: 23 May 2022 22:05

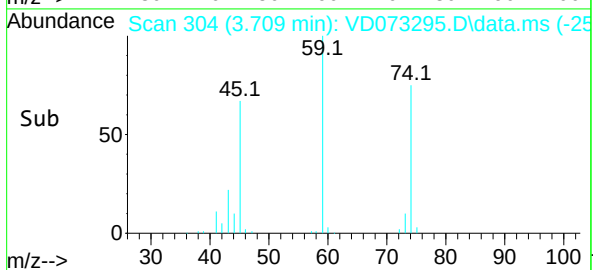
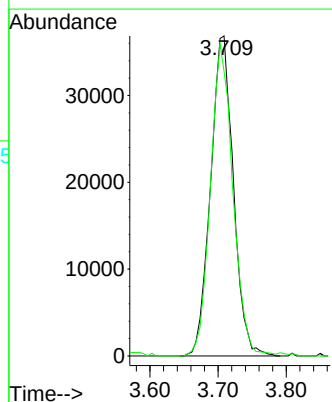
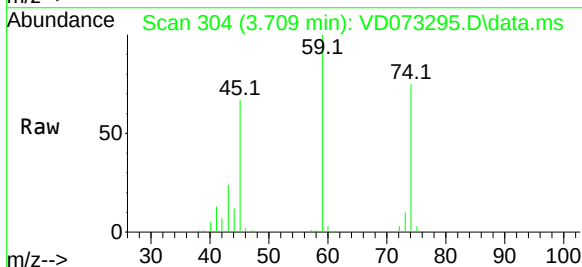
Instrument :
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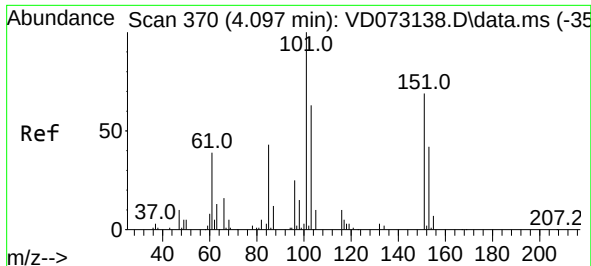
Tgt Ion:101 Resp: 250372
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 58.375 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073295.D
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Tgt Ion: 74 Resp: 85835
 Ion Ratio Lower Upper
 74 100
 45 96.0 52.6 157.8

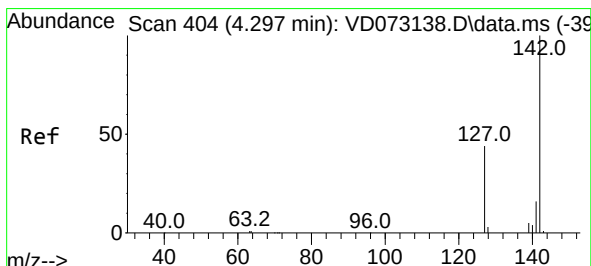
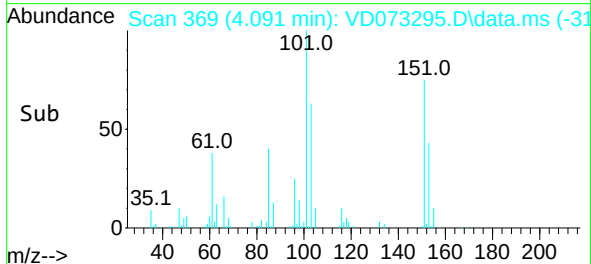
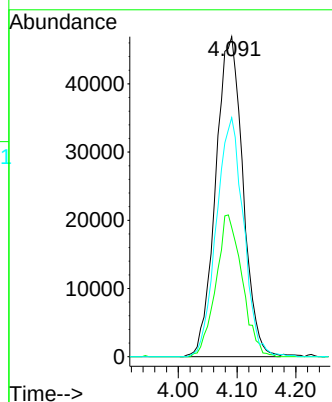
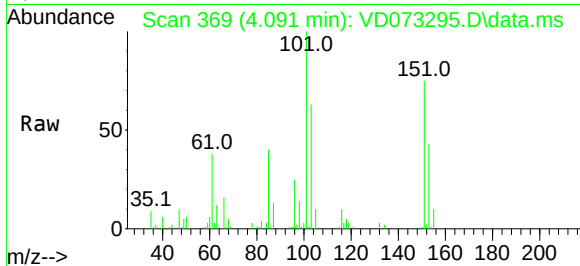




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.231 ug/l
 RT: 4.091 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VD073295.D
 Acq: 23 May 2022 22:05

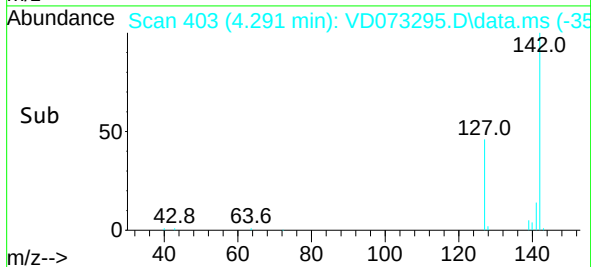
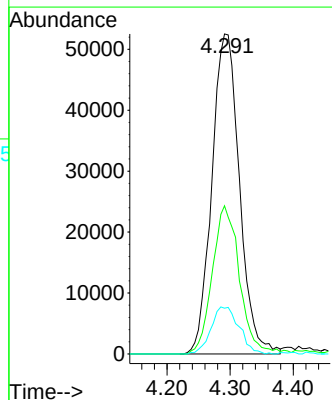
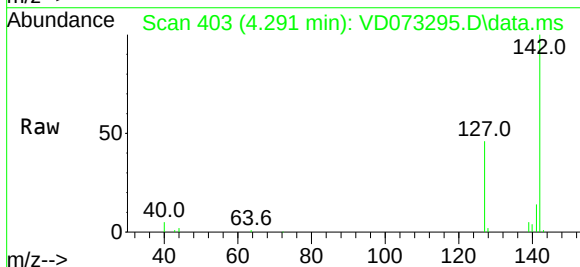
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

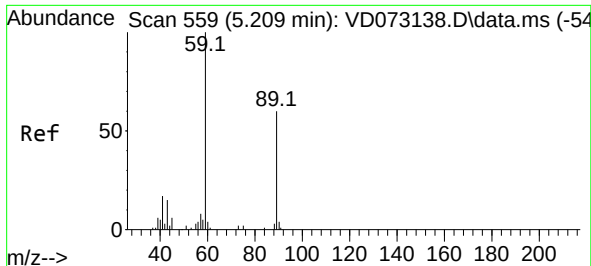
Tgt Ion:101 Resp: 150800
 Ion Ratio Lower Upper
 101 100
 85 42.6 36.4 54.6
 151 74.6 57.3 85.9



#10
 Methyl Iodide
 Concen: 46.309 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD073295.D
 Acq: 23 May 2022 22:05

Tgt Ion:142 Resp: 159522
 Ion Ratio Lower Upper
 142 100
 127 45.7 37.3 55.9
 141 14.9 11.7 17.5

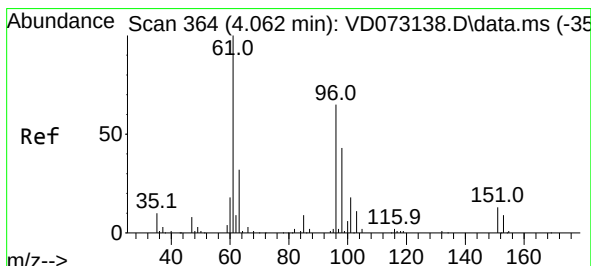
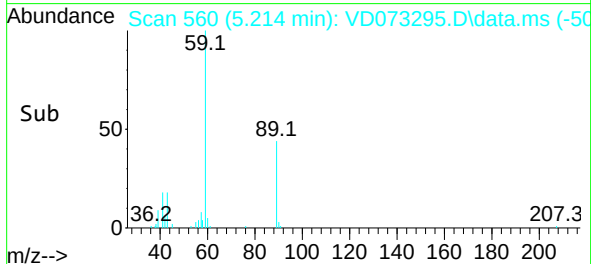
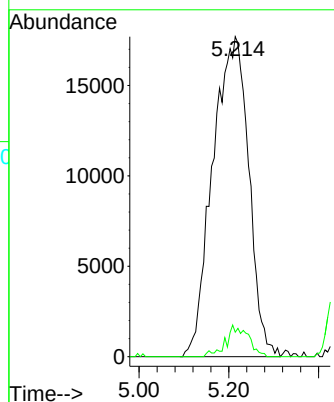
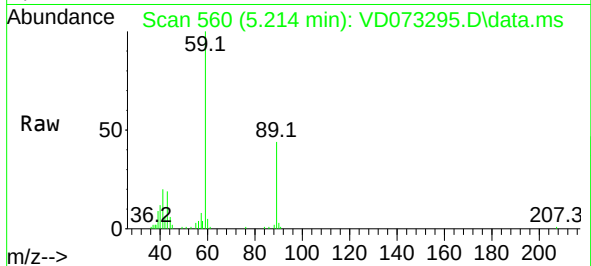




#11
Tert butyl alcohol
Concen: 196.630 ug/l
RT: 5.214 min Scan# 51
Delta R.T. 0.005 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

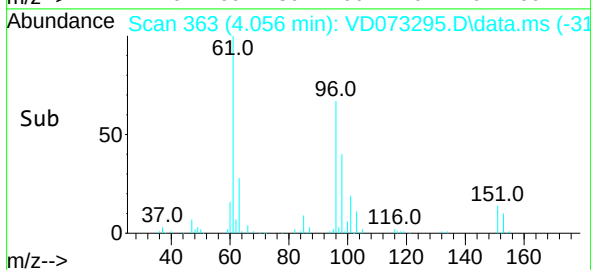
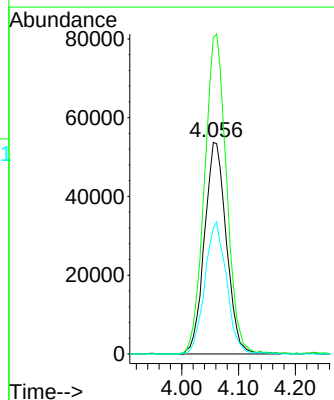
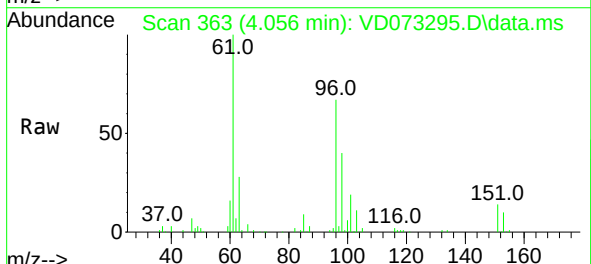
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

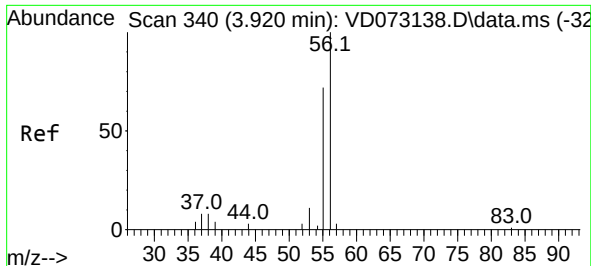
Tgt Ion: 59 Resp: 98752
Ion Ratio Lower Upper
59 100
57 5.9 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 48.808 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 96 Resp: 143671
Ion Ratio Lower Upper
96 100
61 149.2 138.5 207.7
98 59.7 48.6 73.0

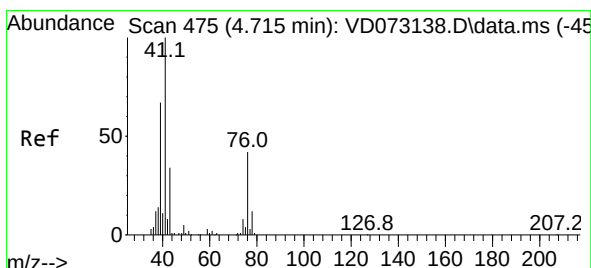
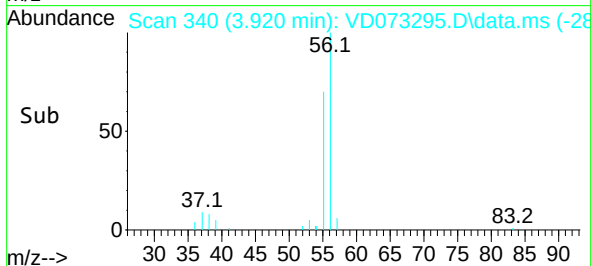
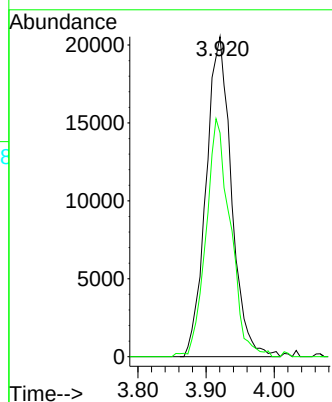
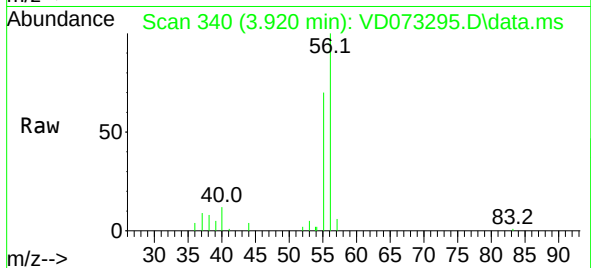




#13
Acrolein
Concen: 269.874 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

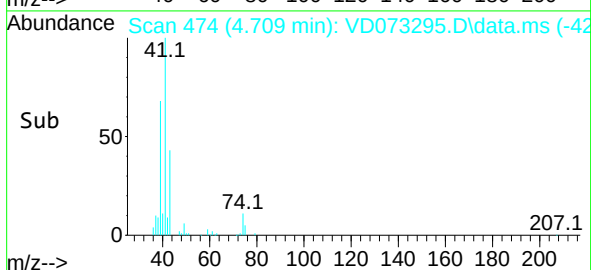
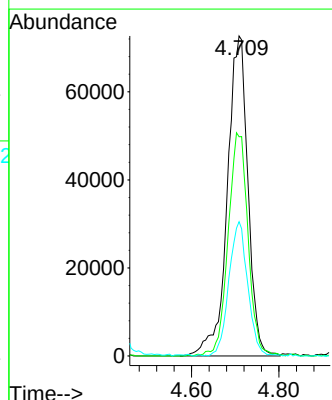
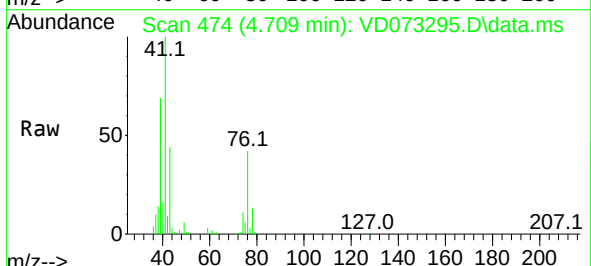
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

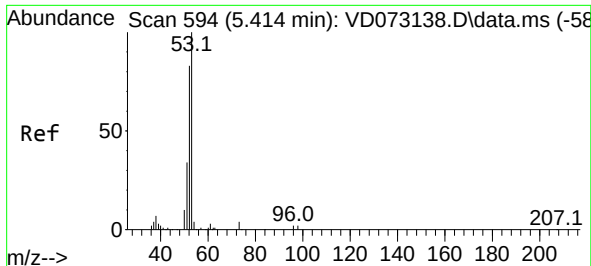
Tgt Ion: 56 Resp: 53245
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7



#14
Allyl chloride
Concen: 50.121 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 41 Resp: 238151
Ion Ratio Lower Upper
41 100
39 67.5 59.3 88.9
76 38.4 25.7 38.5

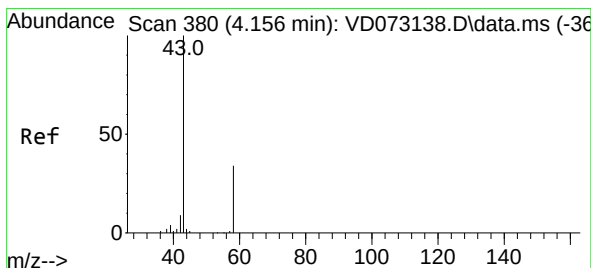
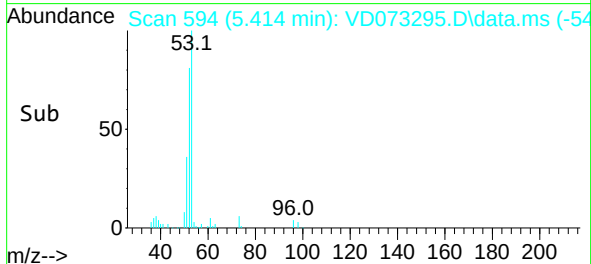
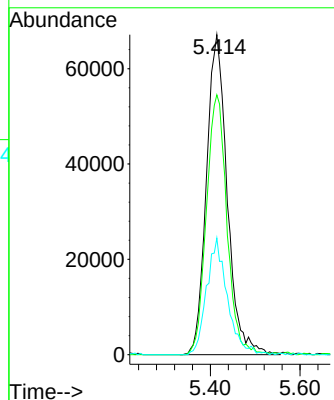
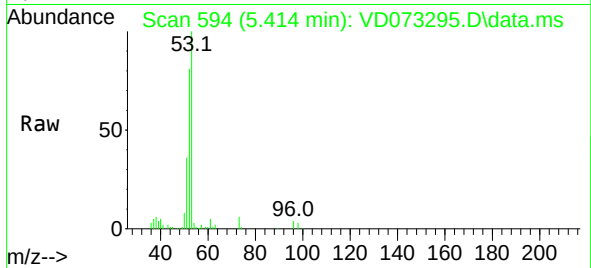




#15
Acrylonitrile
Concen: 321.292 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

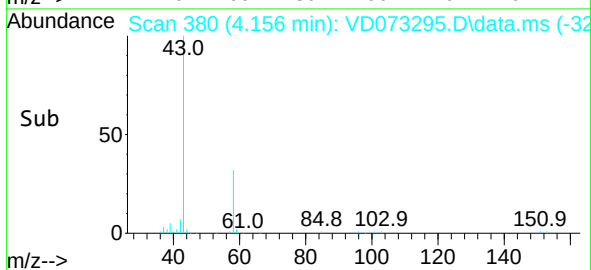
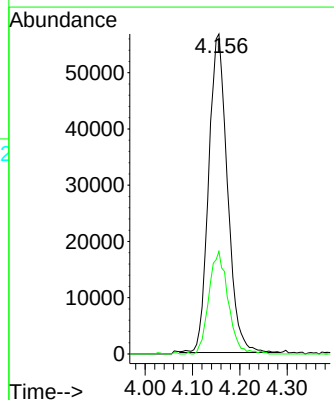
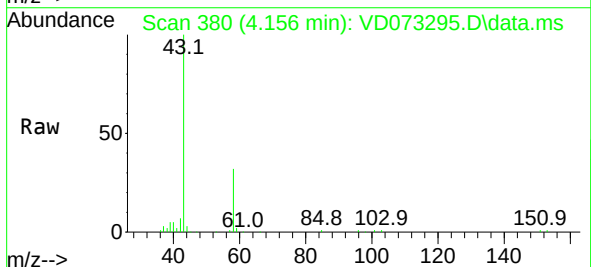
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

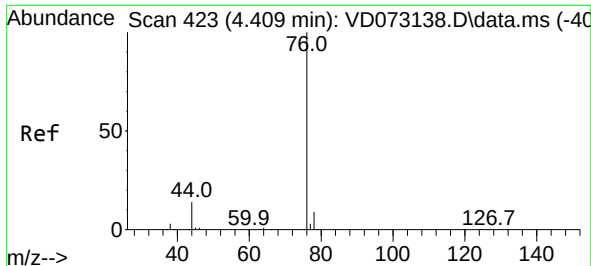
Tgt Ion: 53 Resp: 216030
Ion Ratio Lower Upper
53 100
52 80.1 67.2 100.8
51 36.1 30.3 45.5



#16
Acetone
Concen: 277.641 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 43 Resp: 155669
Ion Ratio Lower Upper
43 100
58 32.2 22.1 33.1

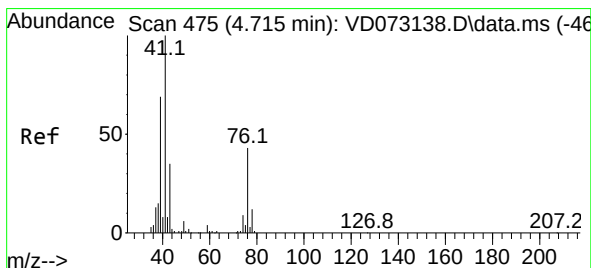
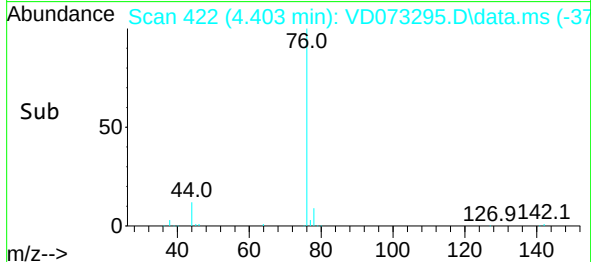
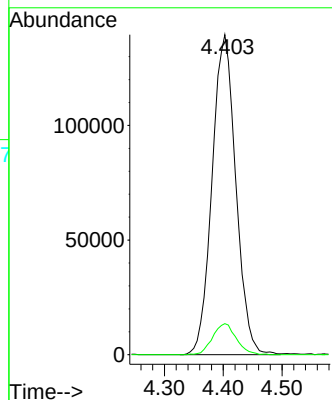
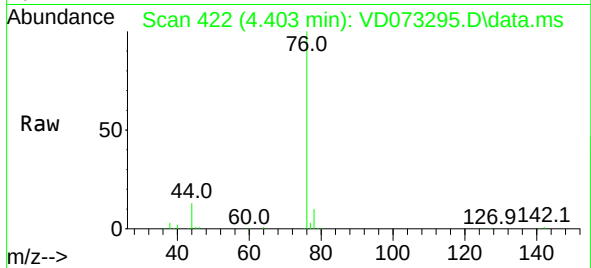




#17
Carbon Disulfide
Concen: 40.153 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

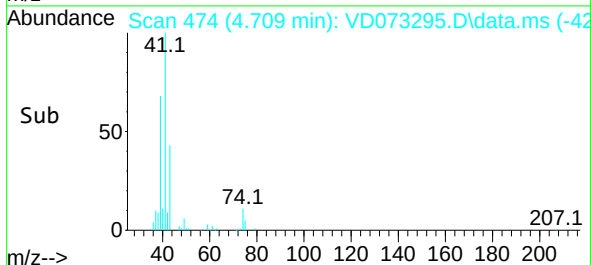
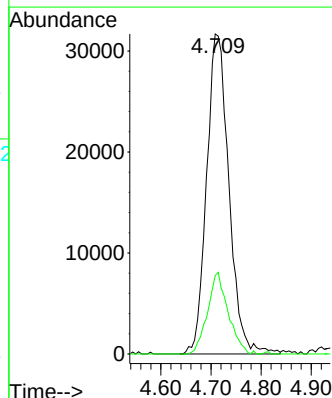
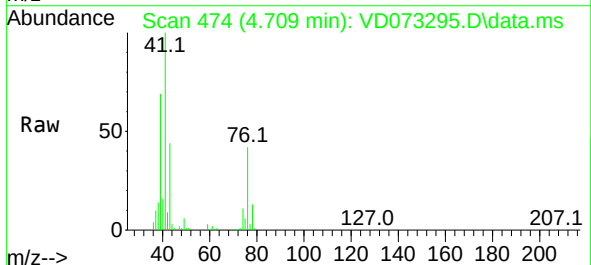
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

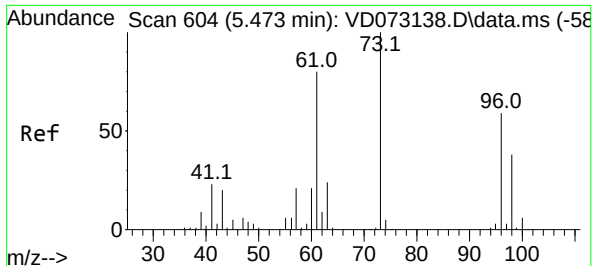
Tgt Ion: 76 Resp: 391819
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 62.907 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 43 Resp: 98078
Ion Ratio Lower Upper
43 100
74 23.4 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 61.737 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

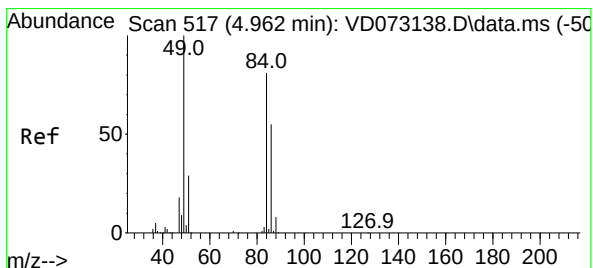
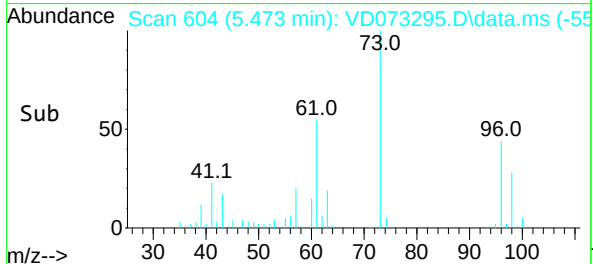
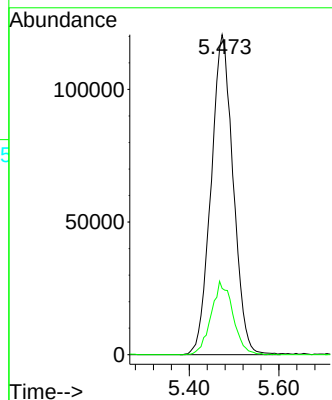
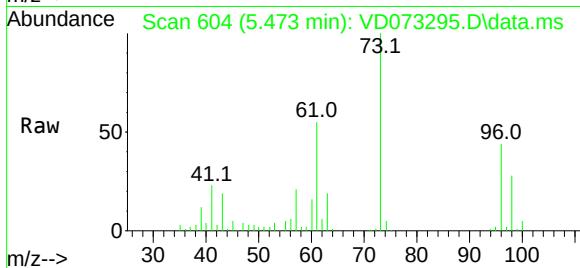
VSTDCCC050

Tgt Ion: 73 Resp: 414007

Ion Ratio Lower Upper

73 100

57 20.7 18.0 27.0



#20

Methylene Chloride

Concen: 71.715 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Tgt Ion: 84 Resp: 248877

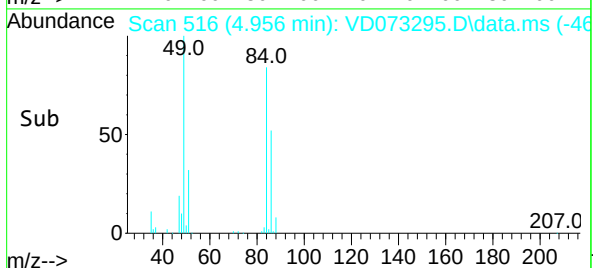
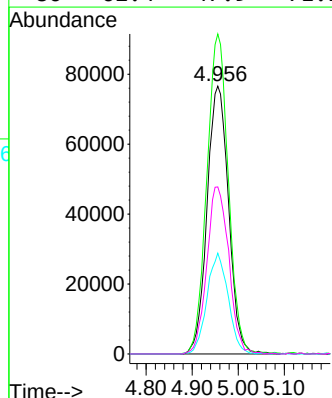
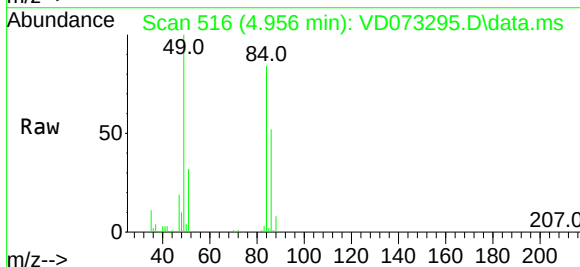
Ion Ratio Lower Upper

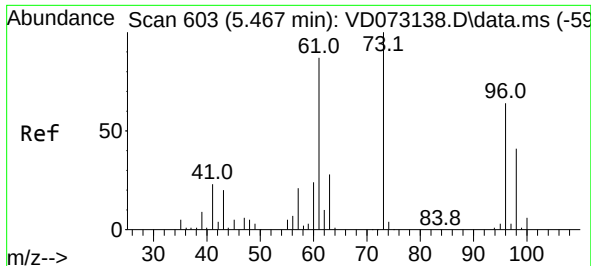
84 100

49 119.5 112.8 169.2

51 37.7 32.6 48.8

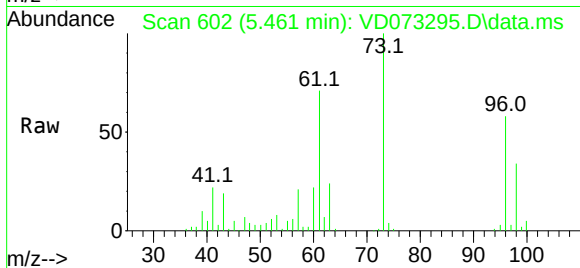
86 62.4 47.9 71.9





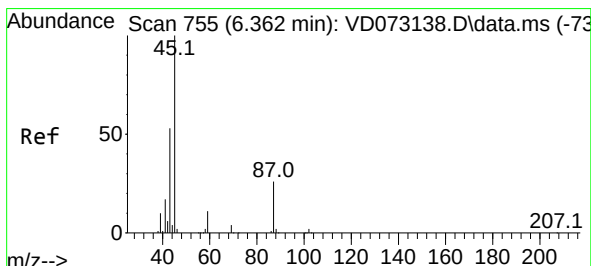
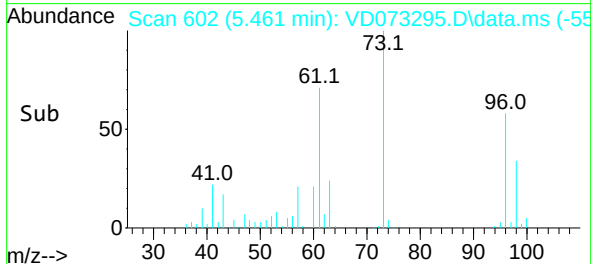
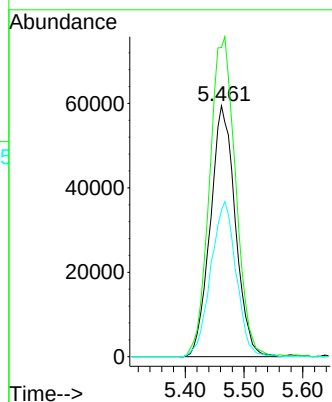
#21
trans-1,2-Dichloroethene
Concen: 49.276 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 175377

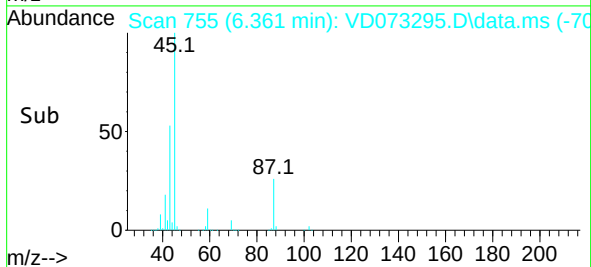
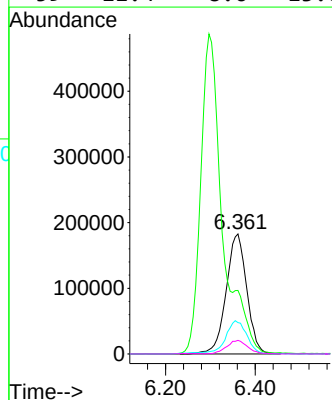
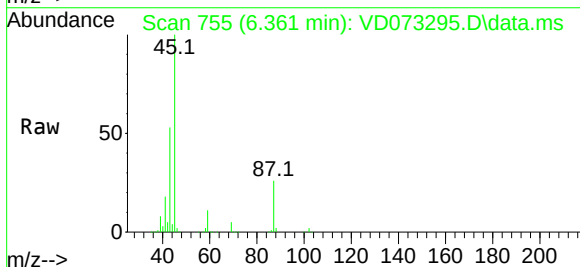
Ion	Ratio	Lower	Upper
96	100		
61	123.3	117.9	176.9
98	58.4	49.4	74.2

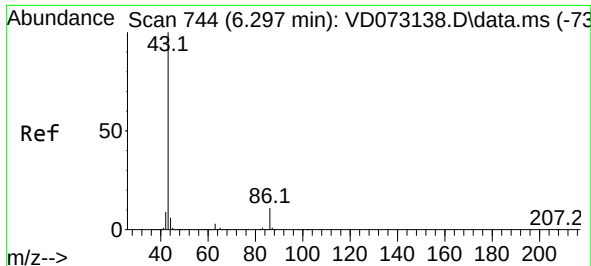


#22
Diisopropyl ether
Concen: 58.660 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 45 Resp: 584284

Ion	Ratio	Lower	Upper
45	100		
43	52.4	46.6	70.0
87	26.0	18.4	27.6
59	11.4	8.6	13.0

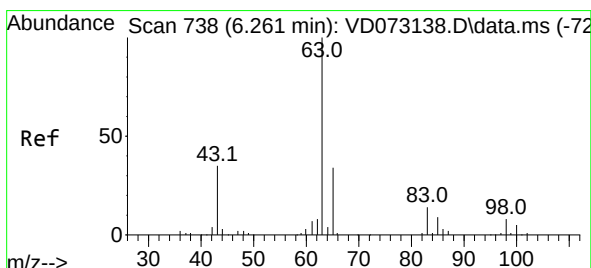
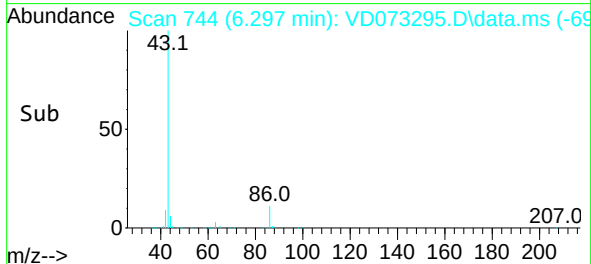
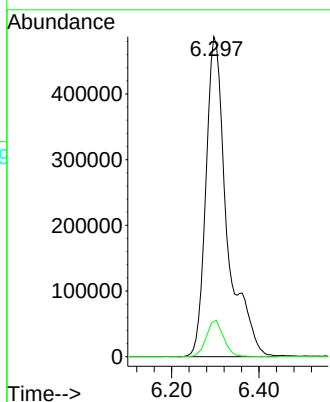
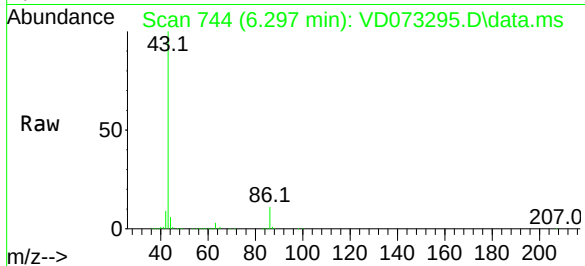




#23
 Vinyl Acetate
 Concen: 308.462 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073295.D
 Acq: 23 May 2022 22:05

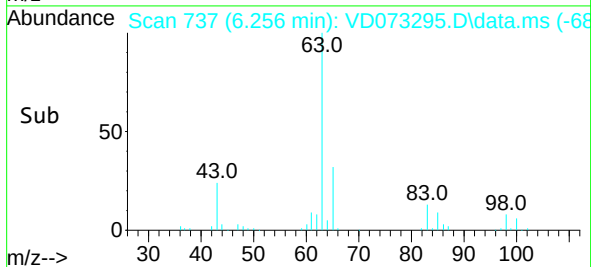
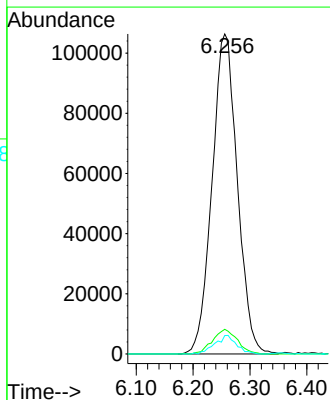
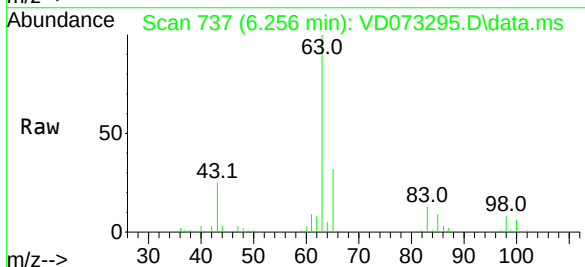
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

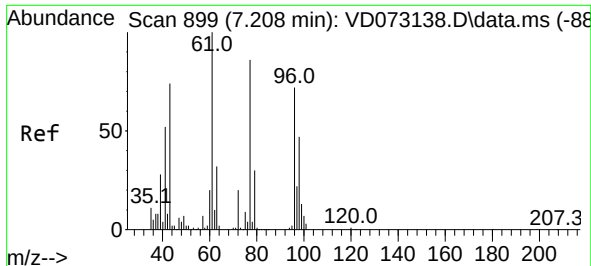
Tgt Ion: 43 Resp: 1638839
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.439 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073295.D
 Acq: 23 May 2022 22:05

Tgt Ion: 63 Resp: 328869
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 5.8 2.1 6.5

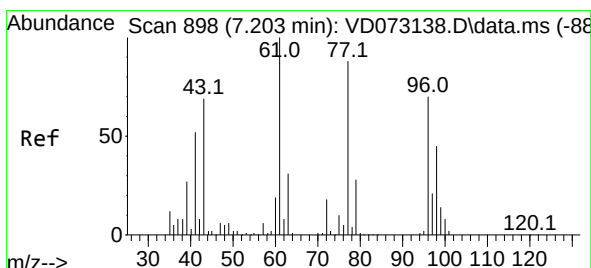
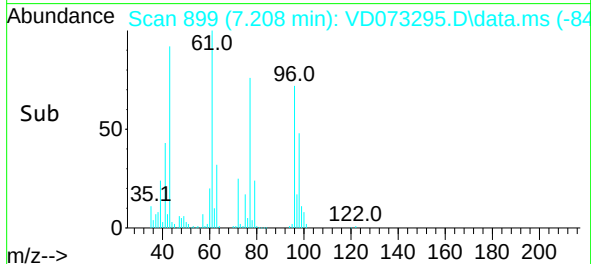
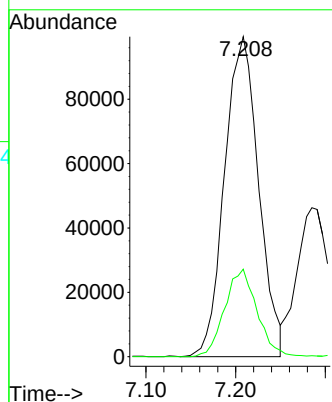
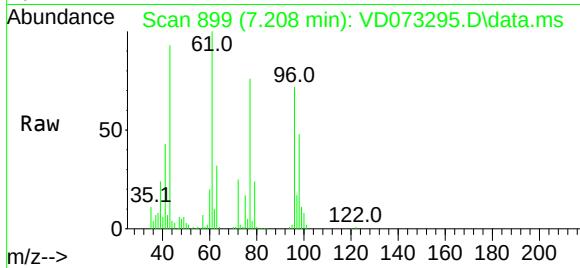




#25
2-Butanone
Concen: 319.116 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

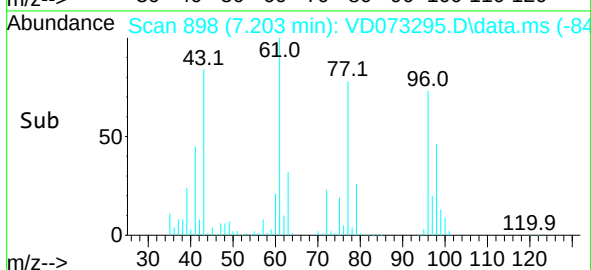
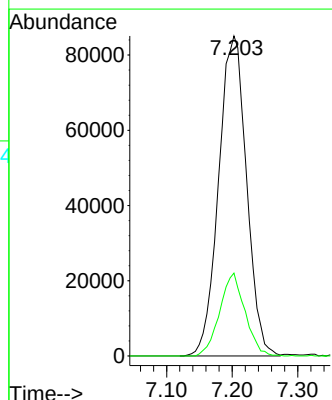
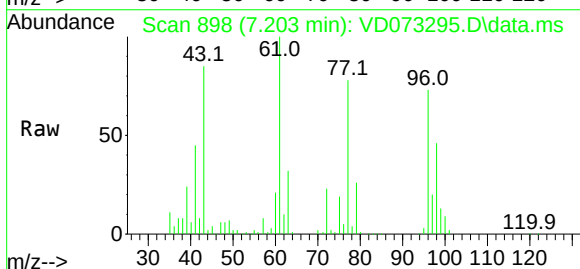
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

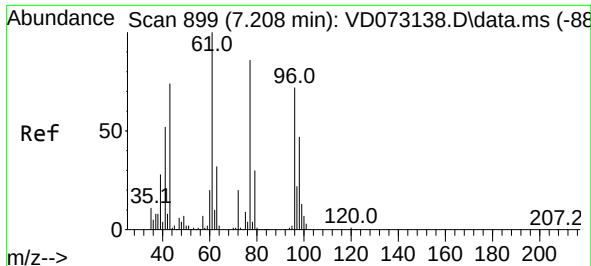
Tgt Ion: 43 Resp: 261772
Ion Ratio Lower Upper
43 100
72 27.3 18.6 27.8



#26
2,2-Dichloropropane
Concen: 46.077 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 77 Resp: 251227
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.4

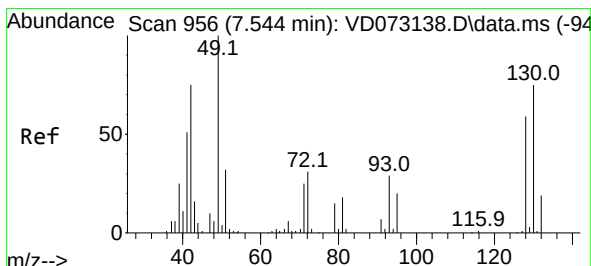
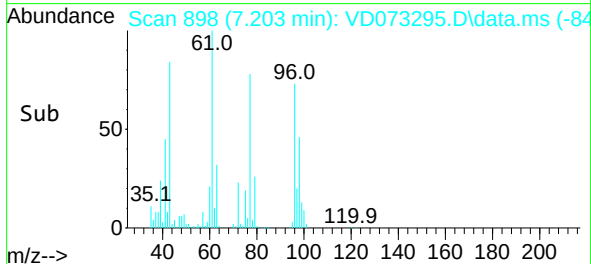
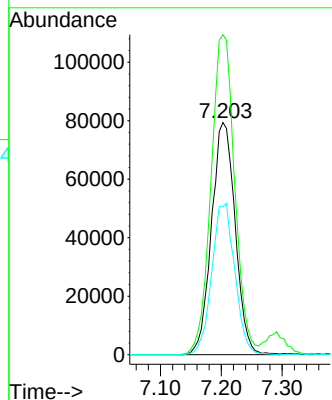
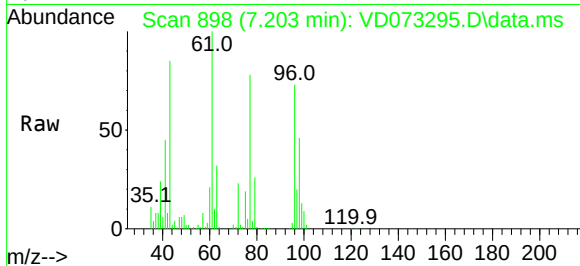




#27
 cis-1,2-Dichloroethene
 Concen: 54.478 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073295.D
 Acq: 23 May 2022 22:05

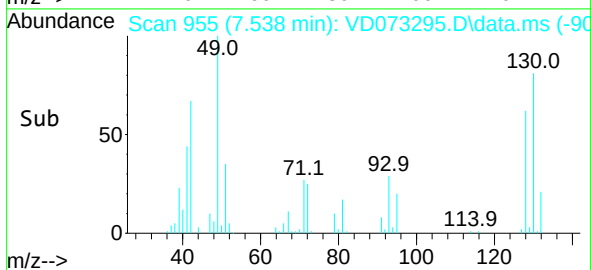
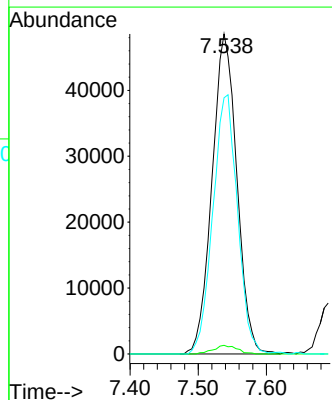
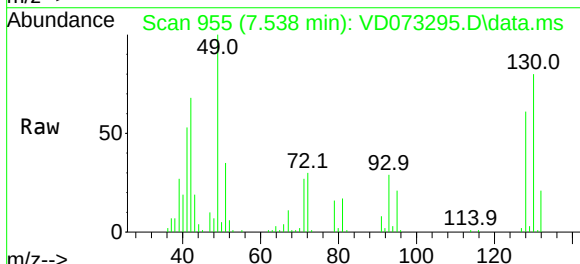
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

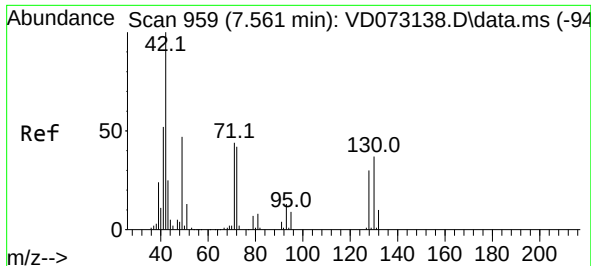
Tgt Ion: 96 Resp: 214542
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 313.8
 98 63.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 55.883 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073295.D
 Acq: 23 May 2022 22:05

Tgt Ion: 49 Resp: 123088
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.0
 130 80.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 322.877 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

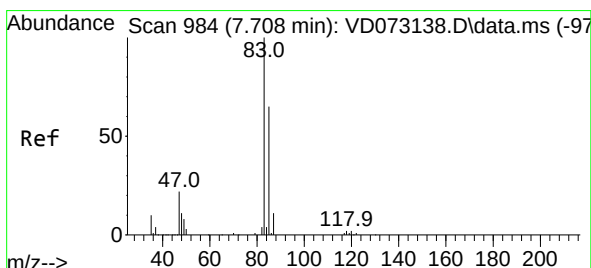
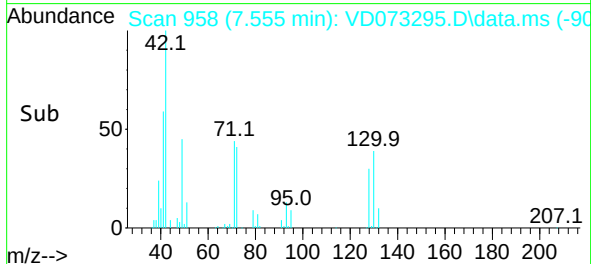
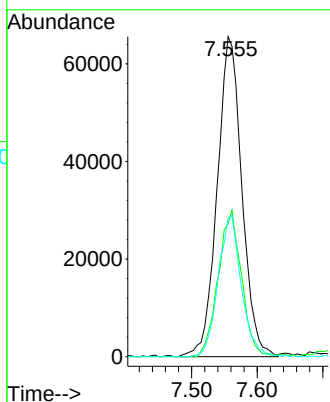
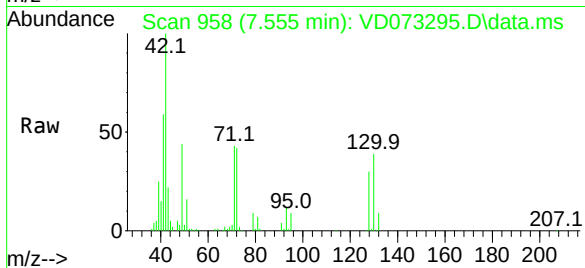
Tgt Ion: 42 Resp: 171261

Ion Ratio Lower Upper

42 100

72 43.2 30.7 46.1

71 41.4 28.6 43.0



#30

Chloroform

Concen: 53.508 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073295.D

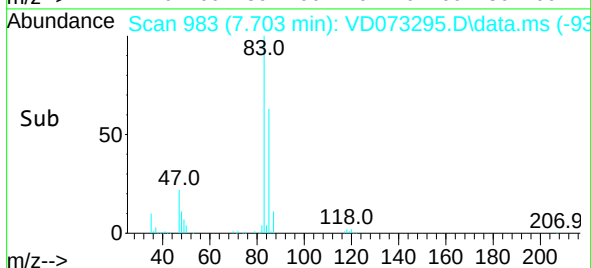
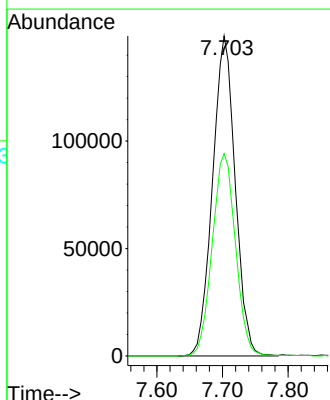
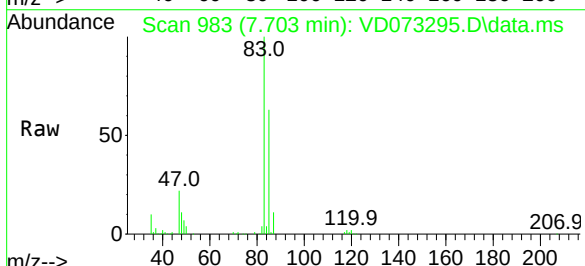
Acq: 23 May 2022 22:05

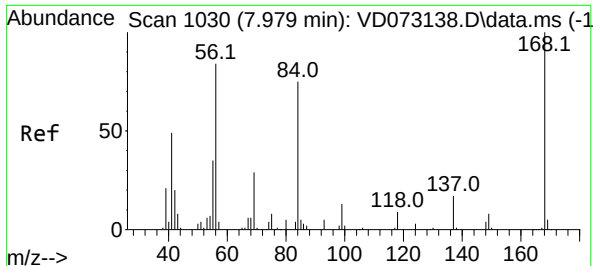
Tgt Ion: 83 Resp: 357154

Ion Ratio Lower Upper

83 100

85 63.3 52.7 79.1





#31

Cyclohexane

Concen: 43.805 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

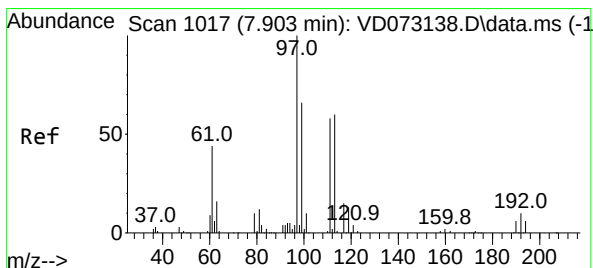
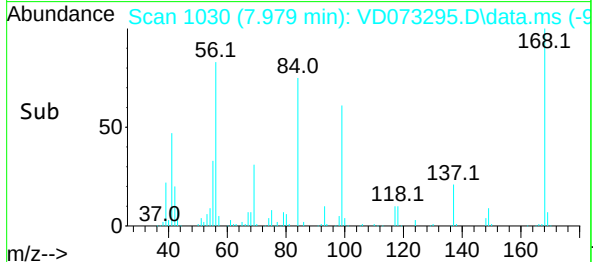
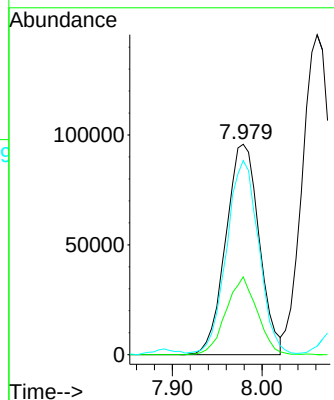
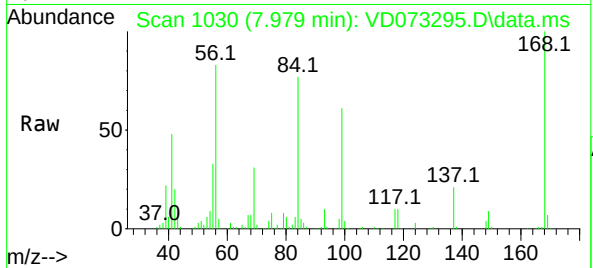
Tgt Ion: 56 Resp: 247796

Ion Ratio Lower Upper

56 100

69 36.9 25.4 38.2

84 90.7 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 50.294 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

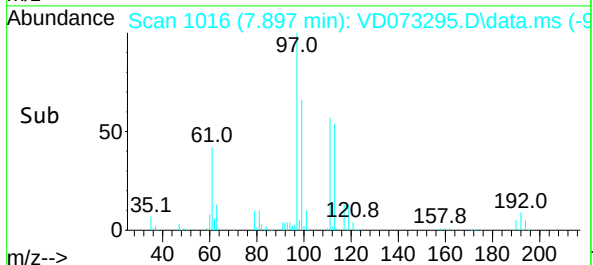
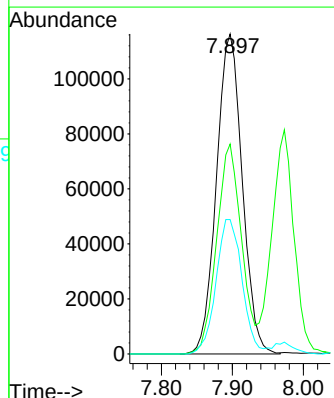
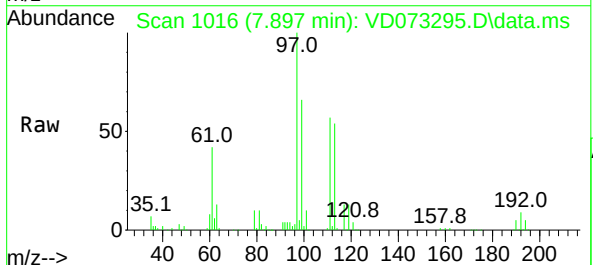
Tgt Ion: 97 Resp: 293610

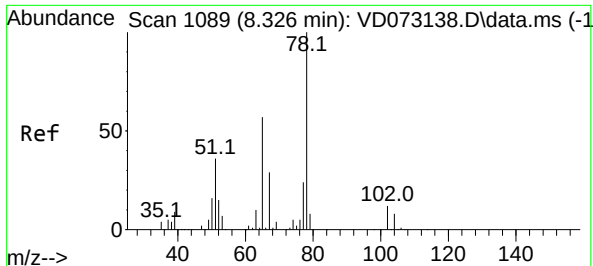
Ion Ratio Lower Upper

97 100

99 62.8 52.4 78.6

61 42.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 57.015 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

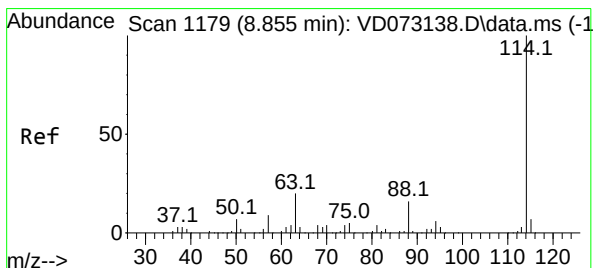
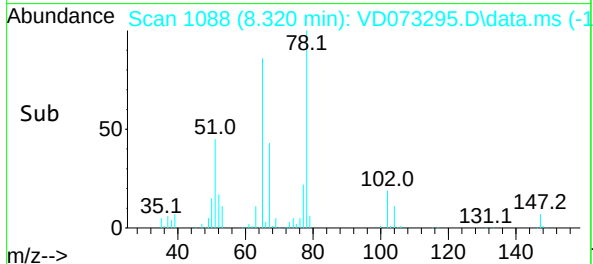
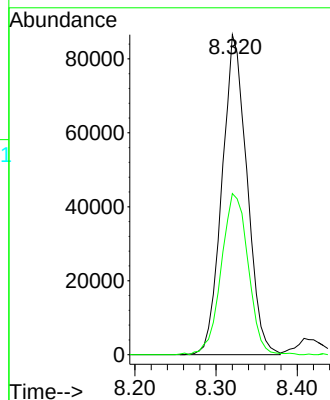
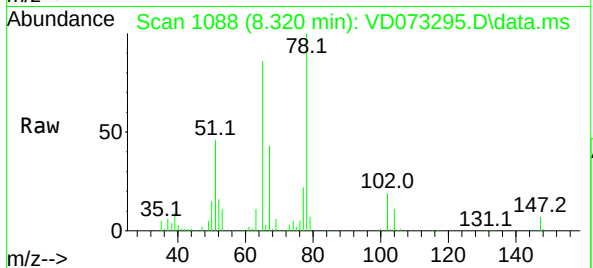
VSTDCCC050

Tgt Ion: 65 Resp: 184560

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

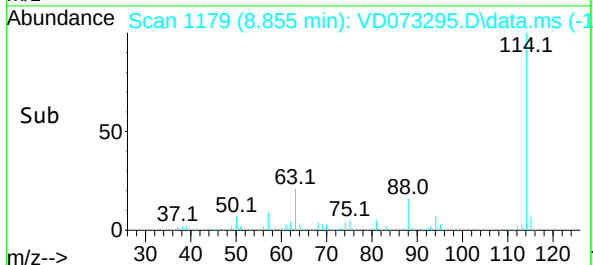
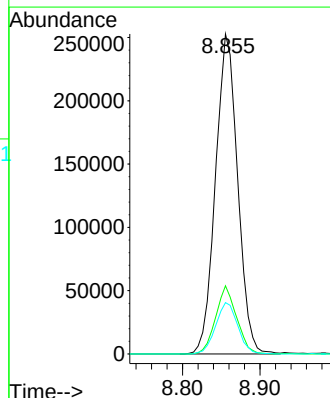
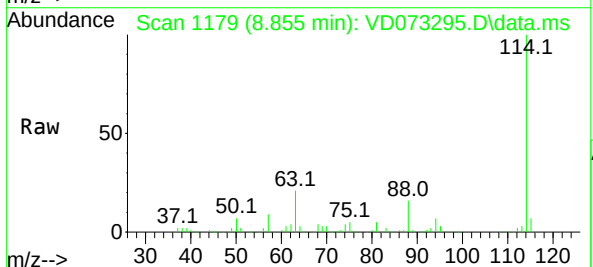
Tgt Ion: 114 Resp: 502969

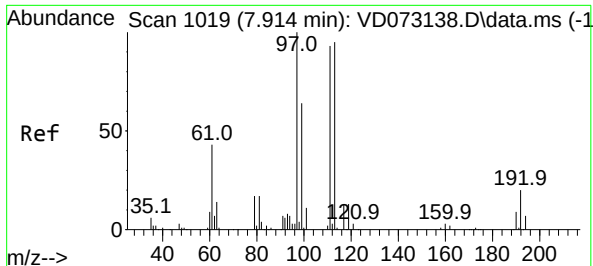
Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.284 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

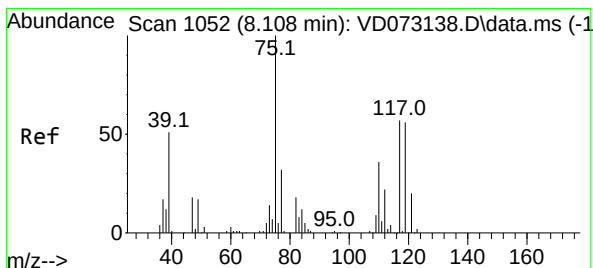
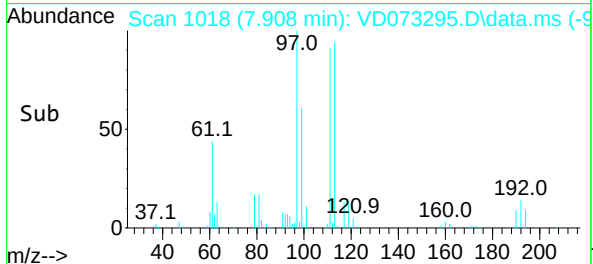
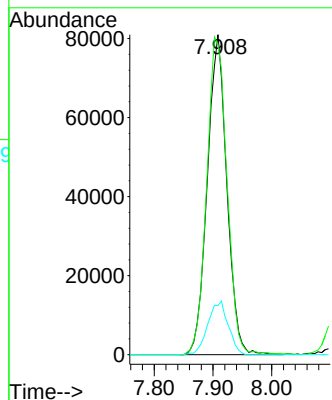
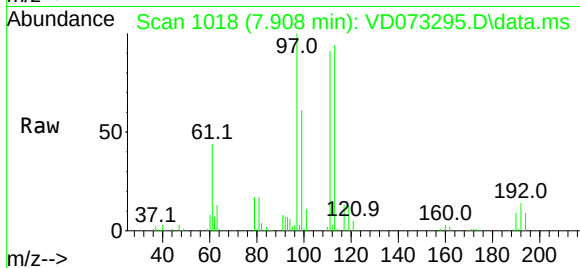
Tgt Ion:113 Resp: 186801

Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 48.276 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

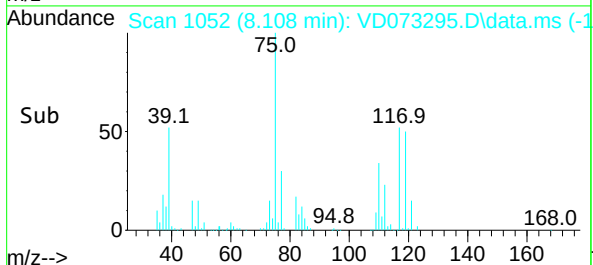
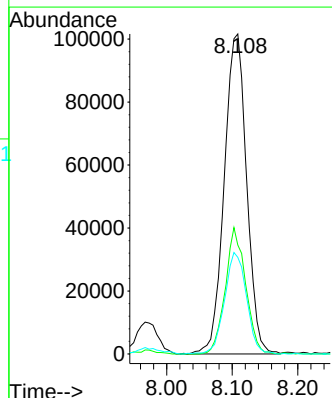
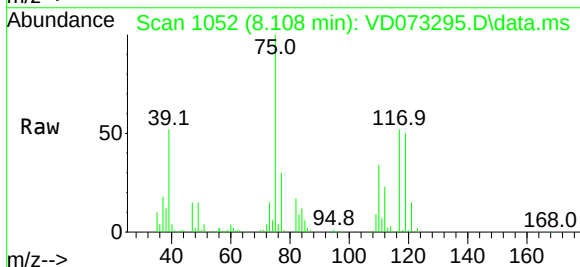
Tgt Ion: 75 Resp: 240972

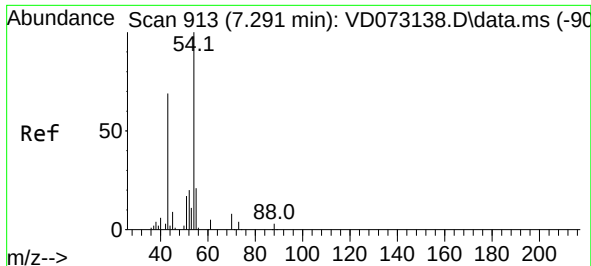
Ion Ratio Lower Upper

75 100

110 35.8 16.4 49.1

77 31.1 24.2 36.2

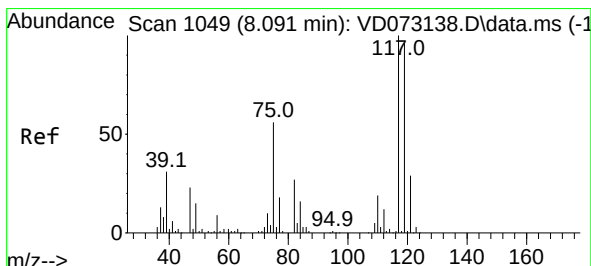
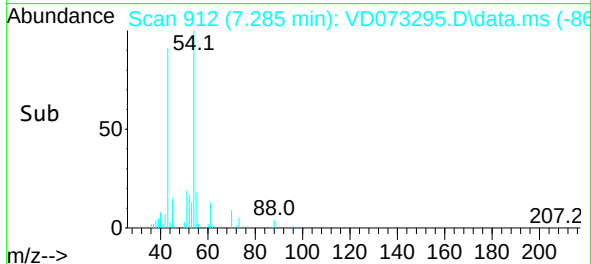
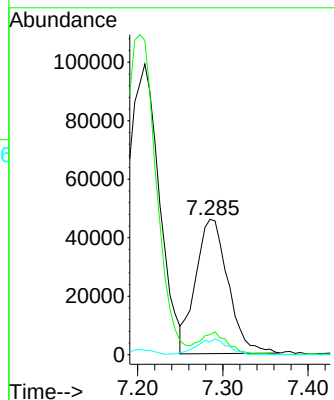
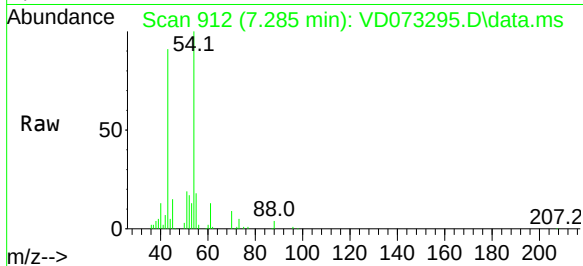




#37
Ethyl Acetate
Concen: 61.632 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

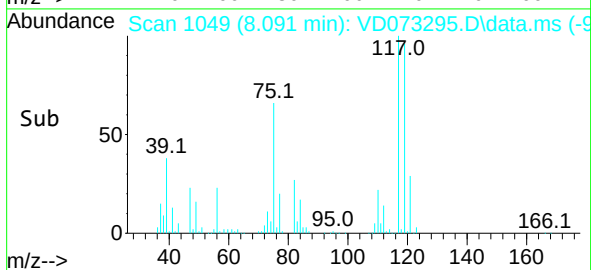
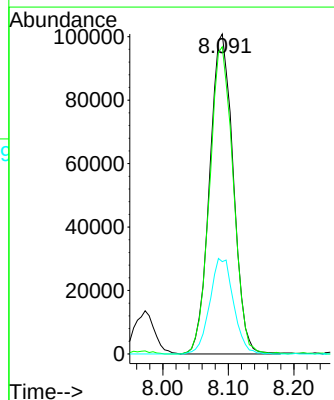
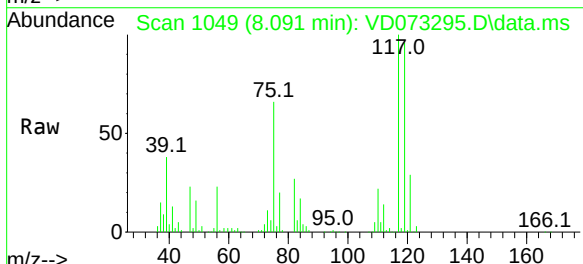
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

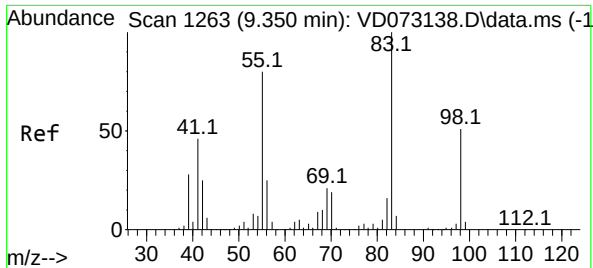
Tgt Ion: 43 Resp: 121516
Ion Ratio Lower Upper
43 100
61 14.7 9.8 14.8
70 11.1 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 49.699 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 117 Resp: 251468
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6
121 28.9 24.5 36.7





#39

Methylcyclohexane

Concen: 47.385 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

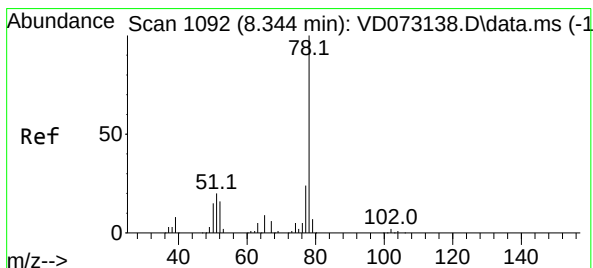
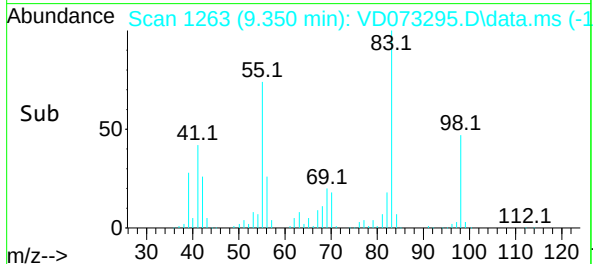
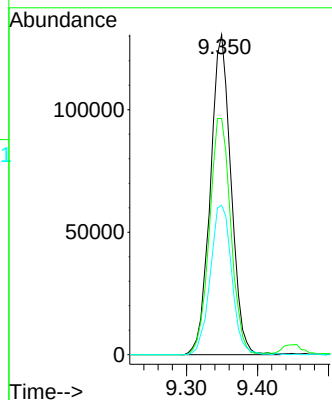
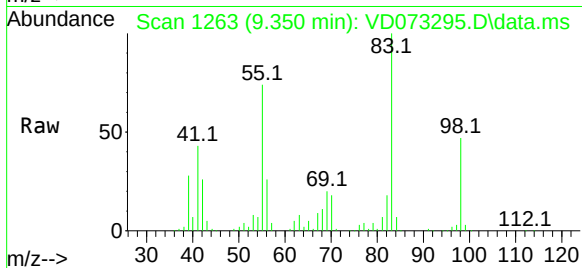
Tgt Ion: 83 Resp: 263597

Ion Ratio Lower Upper

83 100

55 73.8 63.2 94.8

98 46.6 38.2 57.4



#40

Benzene

Concen: 51.944 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073295.D

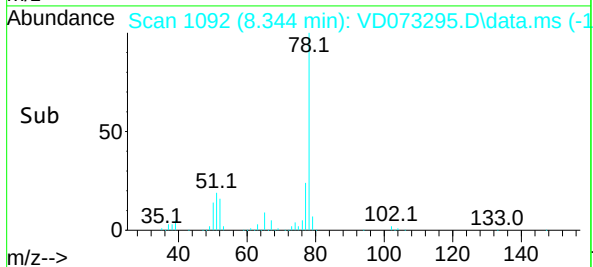
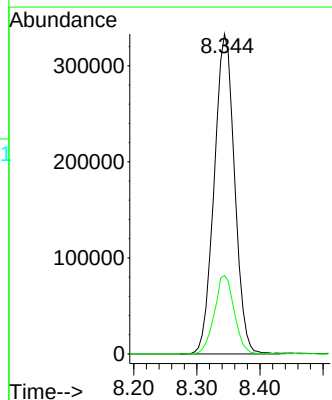
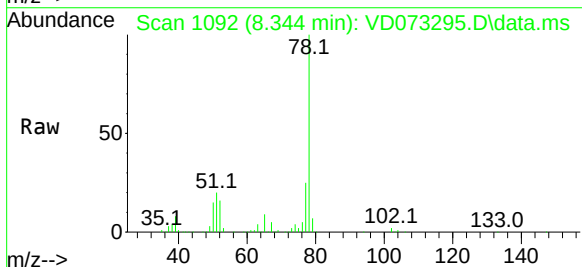
Acq: 23 May 2022 22:05

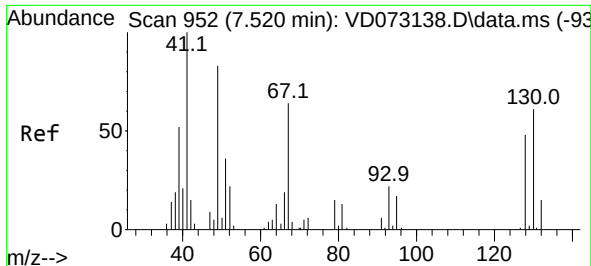
Tgt Ion: 78 Resp: 747256

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

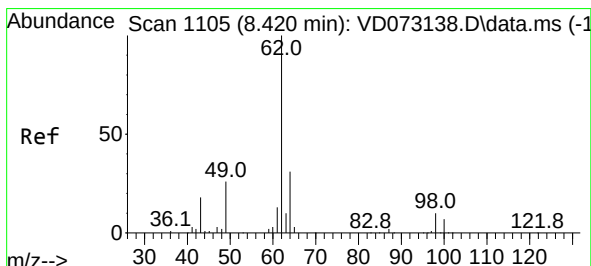
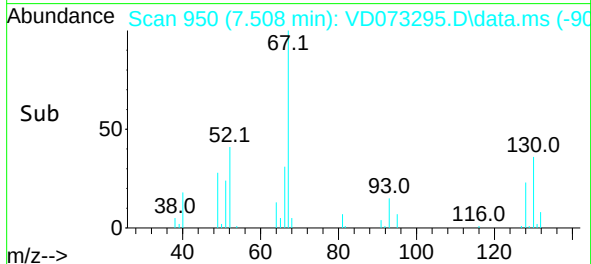
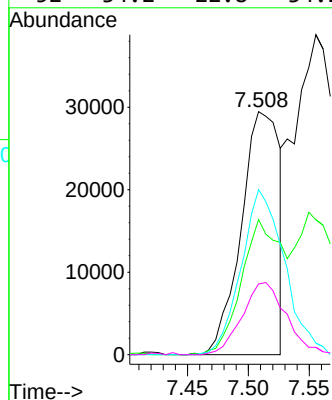
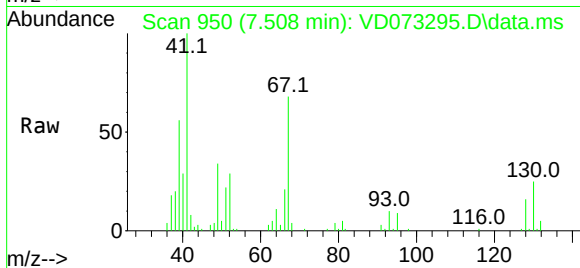




#41
Methacrylonitrile
Concen: 56.068 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

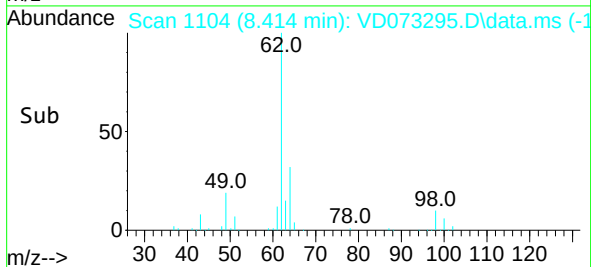
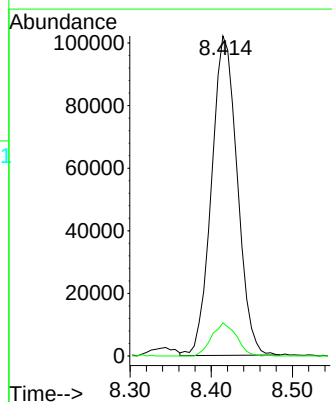
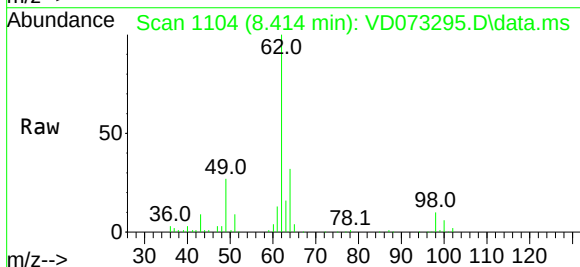
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

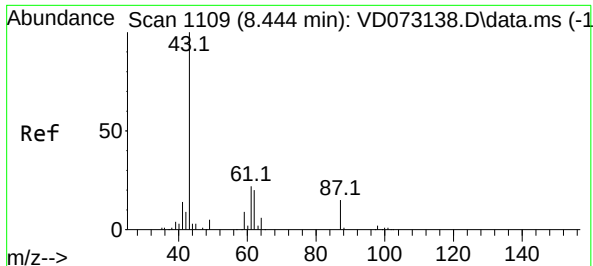
Tgt Ion: 41 Resp: 64408
Ion Ratio Lower Upper
41 100
39 59.7 44.6 67.0
67 77.3 48.2 72.4#
52 34.2 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 56.168 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 62 Resp: 224830
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.6

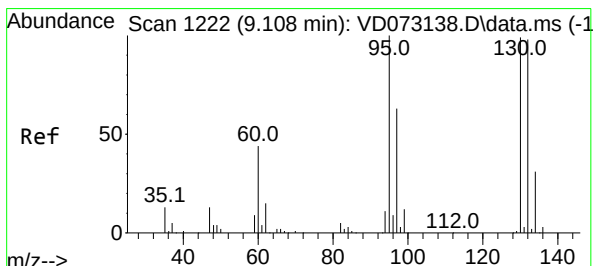
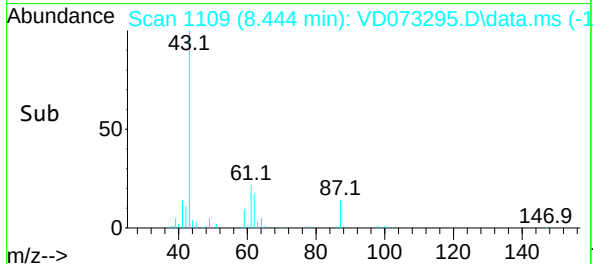
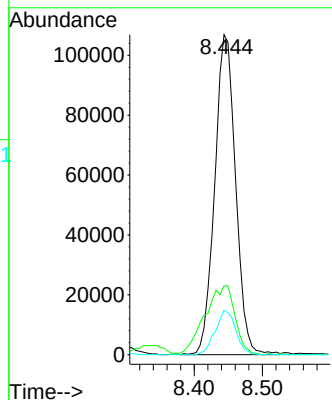
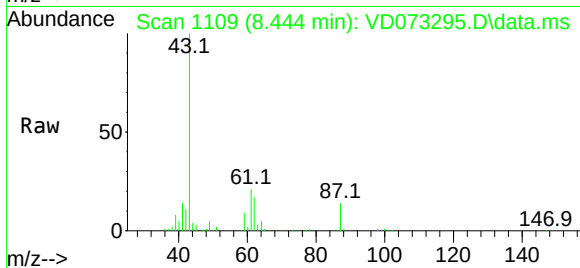




#43
Isopropyl Acetate
Concen: 62.573 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

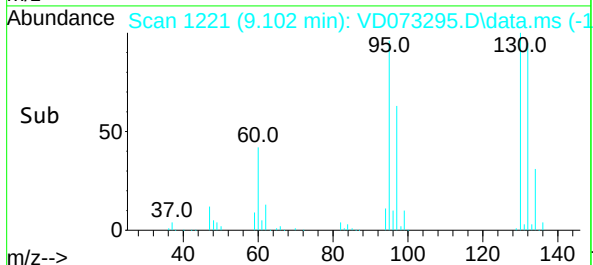
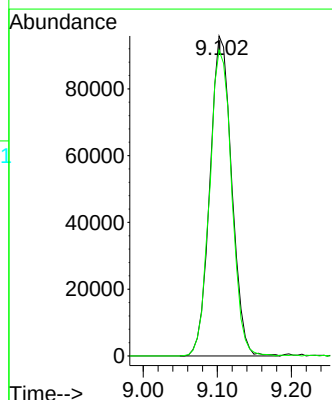
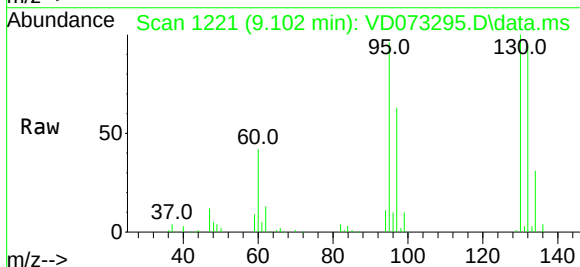
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

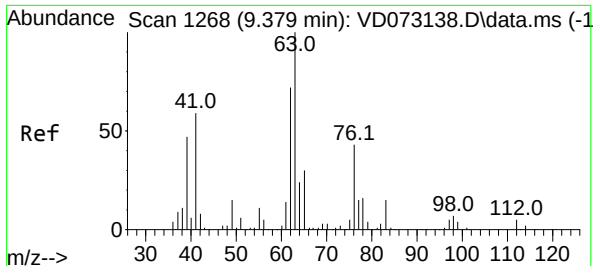
Tgt Ion: 43 Resp: 228039
Ion Ratio Lower Upper
43 100
61 31.1 22.4 33.6
87 13.6 8.7 13.1#



#44
Trichloroethene
Concen: 51.094 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion:130 Resp: 196009
Ion Ratio Lower Upper
130 100
95 95.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 55.480 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

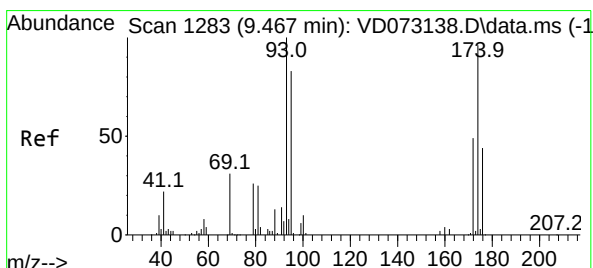
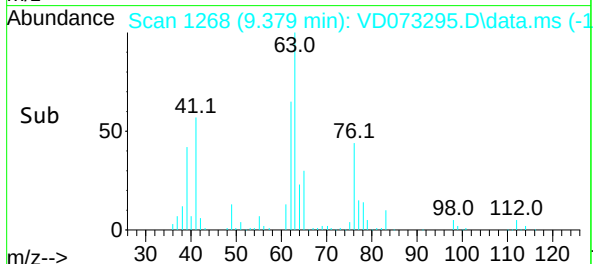
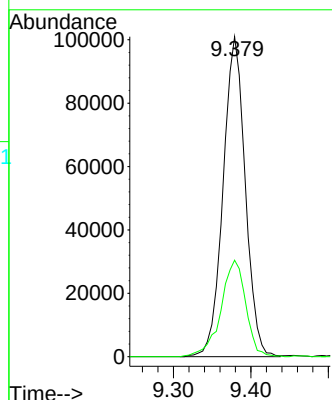
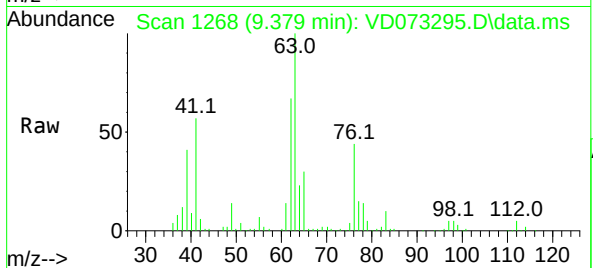
VSTDCCC050

Tgt Ion: 63 Resp: 201000

Ion Ratio Lower Upper

63 100

65 30.1 26.2 39.4



#46

Dibromomethane

Concen: 56.677 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

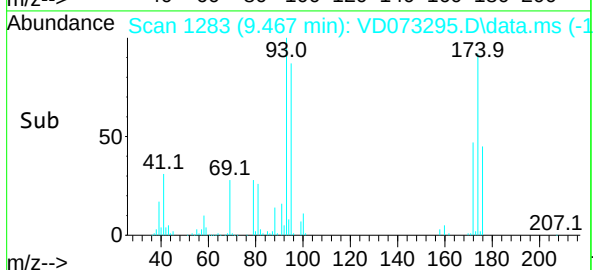
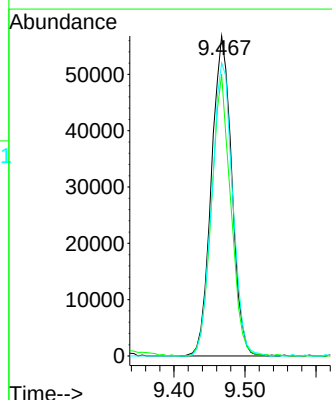
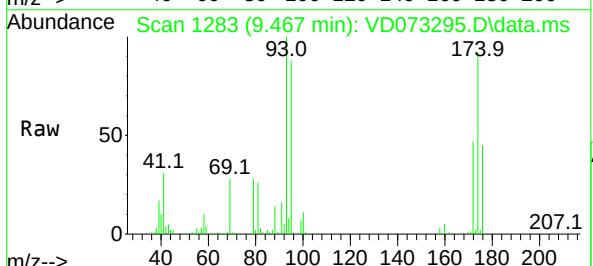
Tgt Ion: 93 Resp: 112774

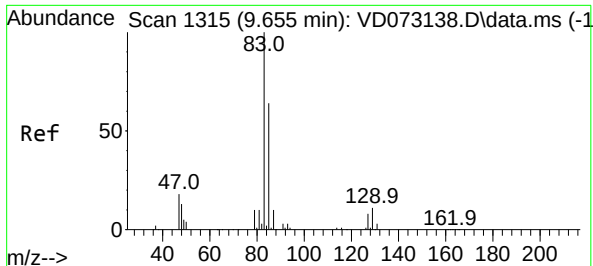
Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

174 93.6 71.6 107.4

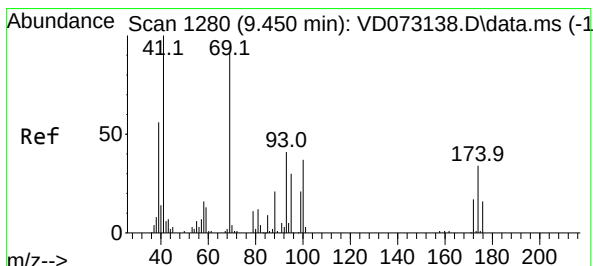
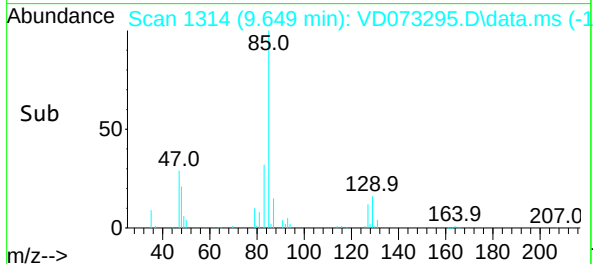
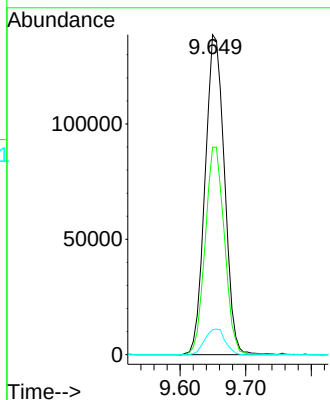
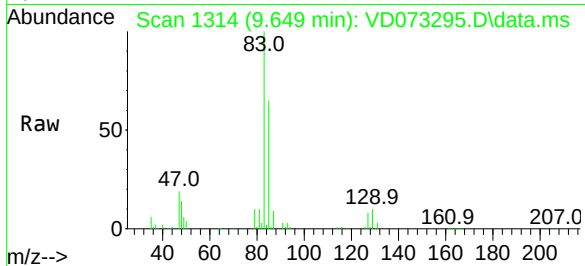




#47
Bromodichloromethane
Concen: 55.849 ug/l
RT: 9.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

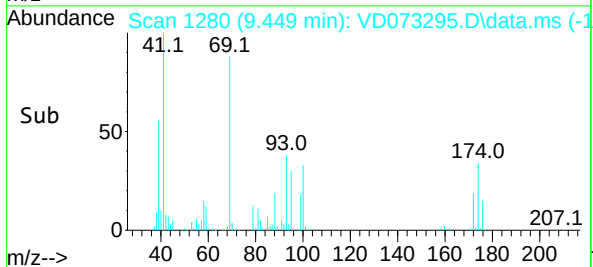
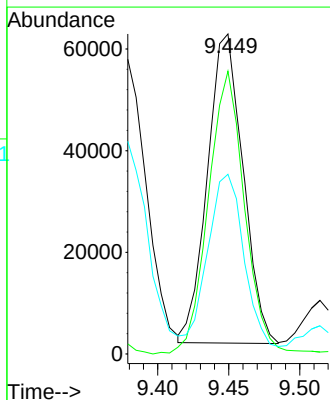
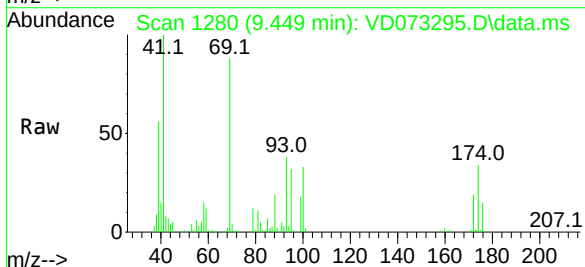
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

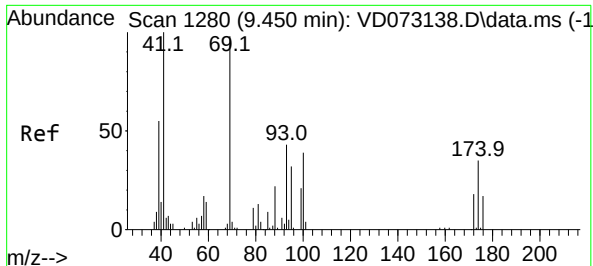
Tgt Ion: 83 Resp: 284339
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0
127 7.8 6.1 9.1



#48
Methyl methacrylate
Concen: 57.937 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 41 Resp: 106228
Ion Ratio Lower Upper
41 100
69 93.3 56.7 85.1#
39 61.4 42.7 64.1

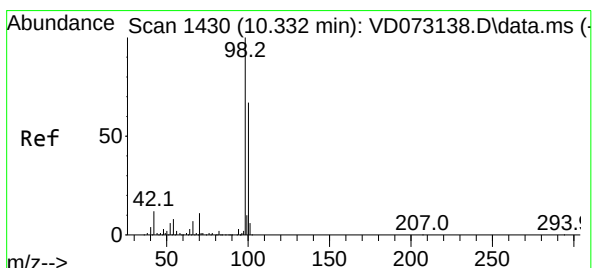
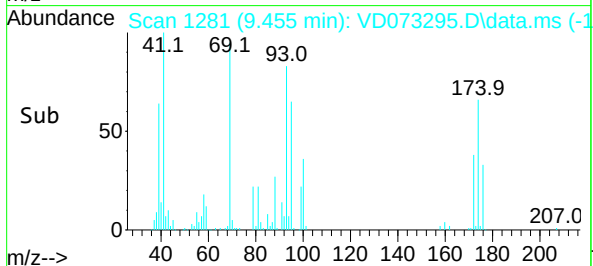
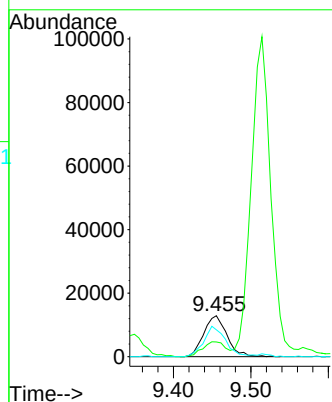
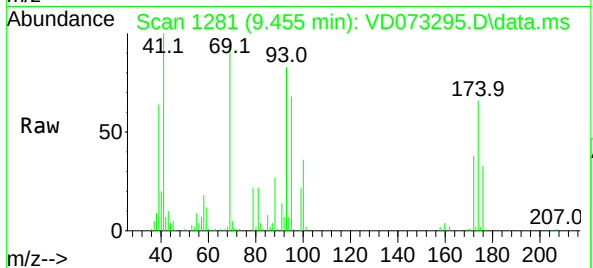




#49
1,4-Dioxane
Concen: 1303.119 ug/l
RT: 9.455 min Scan# 1280
Delta R.T. 0.005 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

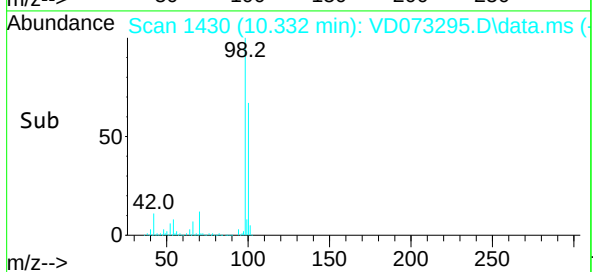
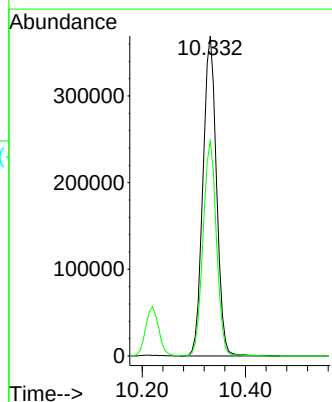
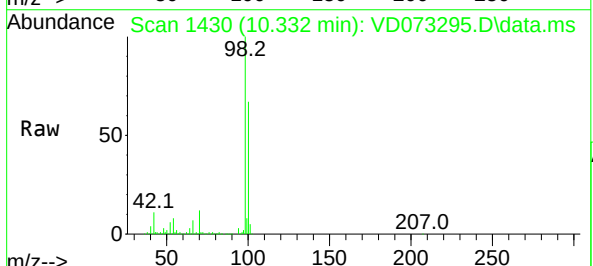
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

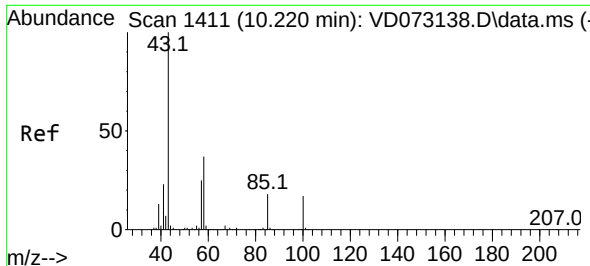
Tgt Ion: 88 Resp: 26777
Ion Ratio Lower Upper
88 100
43 36.3 31.0 46.4
58 69.2 58.1 87.1



#50
Toluene-d8
Concen: 54.859 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 98 Resp: 671171
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

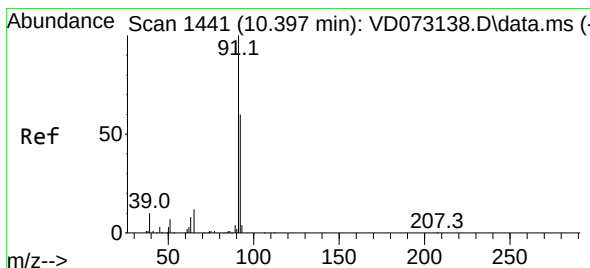
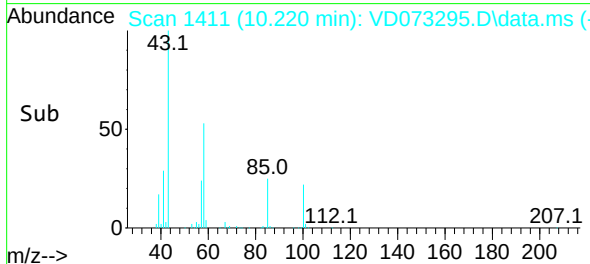
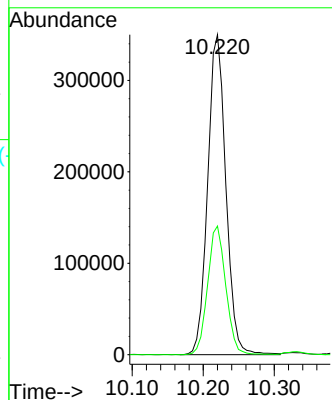
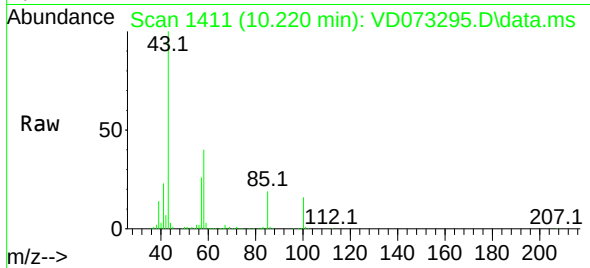




#51
4-Methyl-2-Pentanone
Concen: 329.133 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

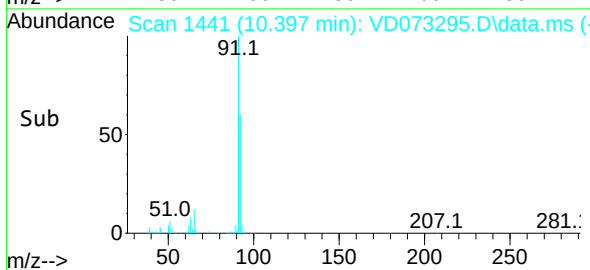
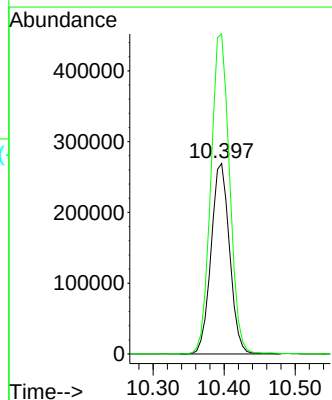
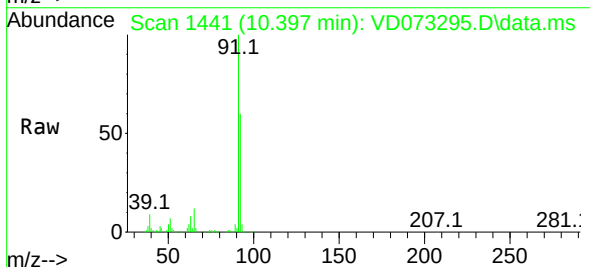
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

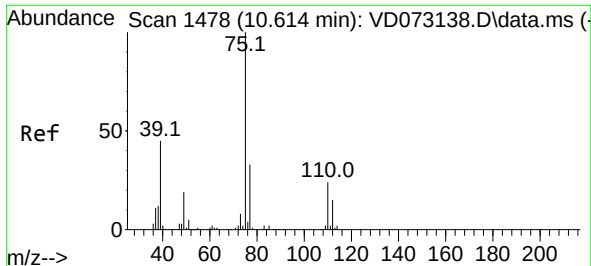
Tgt Ion: 43 Resp: 622983
Ion Ratio Lower Upper
43 100
58 40.1 28.6 43.0



#52
Toluene
Concen: 53.552 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 92 Resp: 486826
Ion Ratio Lower Upper
92 100
91 169.8 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 56.555 ug/l

RT: 10.608 min Scan# 1478

Delta R.T. -0.006 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

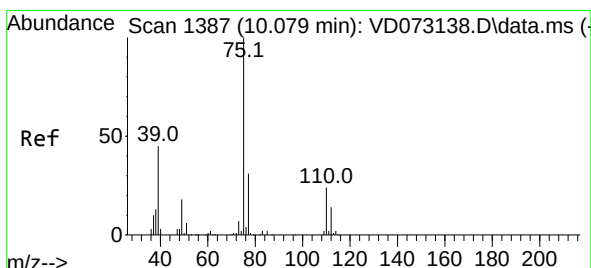
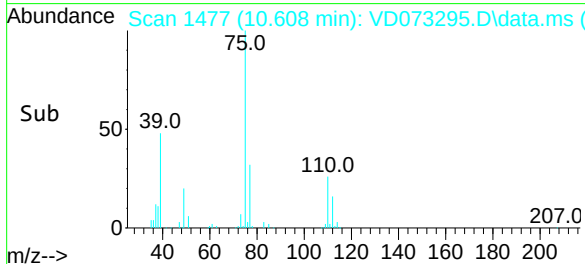
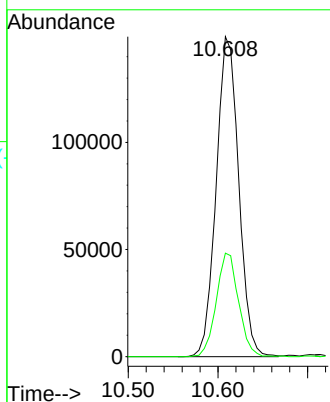
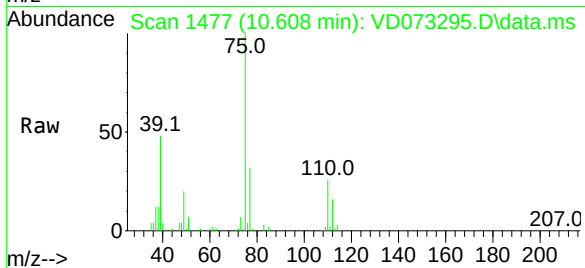
VSTDCCC050

Tgt Ion: 75 Resp: 260123

Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 56.093 ug/l

RT: 10.079 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

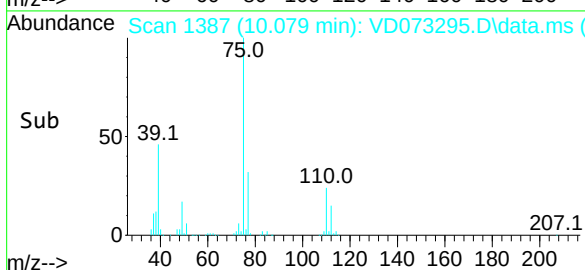
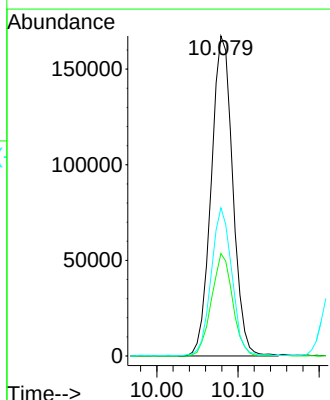
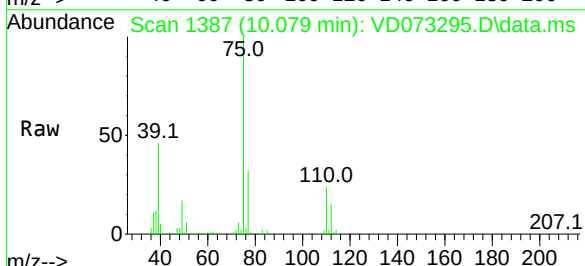
Tgt Ion: 75 Resp: 308747

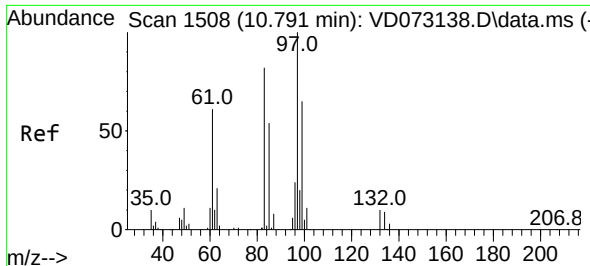
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 46.2 46.8 70.2#



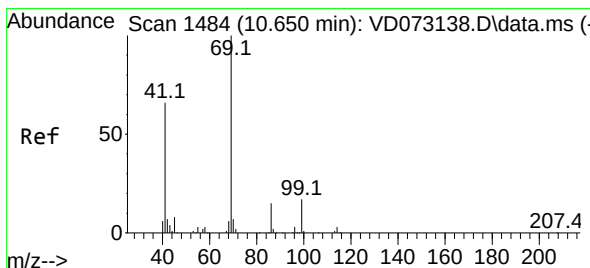
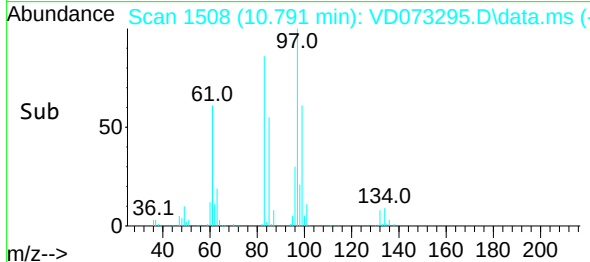
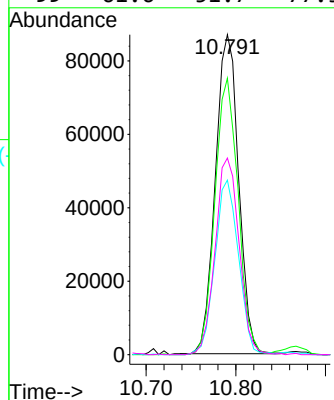
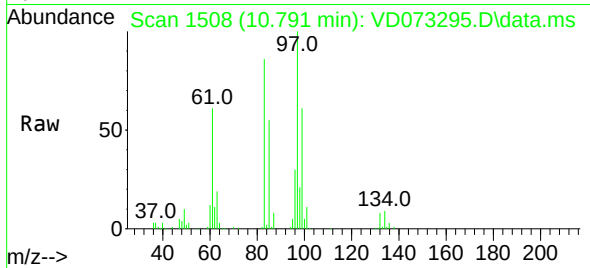


#55
1,1,2-Trichloroethane
Concen: 57.998 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 156056

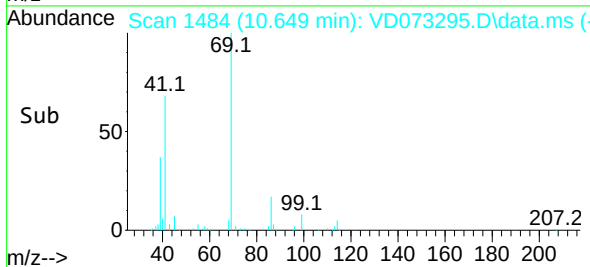
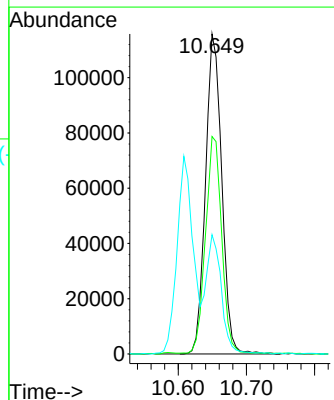
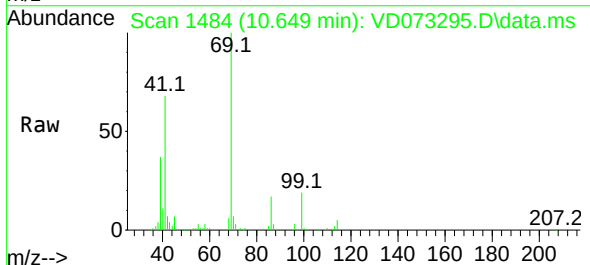
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.0	103.4
85	54.7	42.6	63.8
99	61.6	51.7	77.5

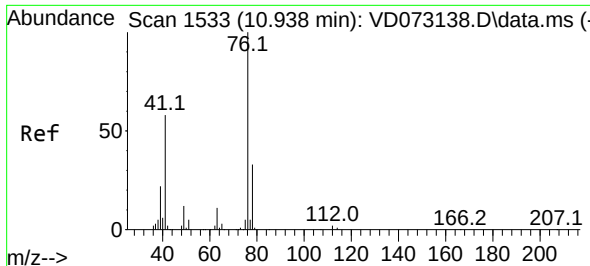


#56
Ethyl methacrylate
Concen: 64.128 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 69 Resp: 191847

Ion	Ratio	Lower	Upper
69	100		
41	67.6	63.0	94.6
39	35.4	33.8	50.8





#57

1,3-Dichloropropane

Concen: 57.944 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

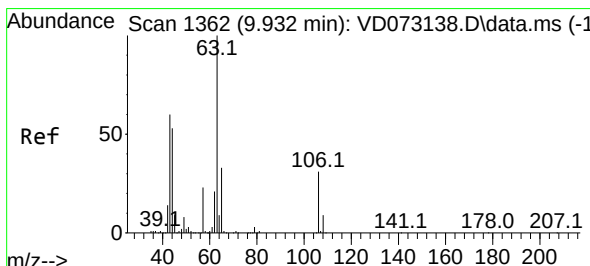
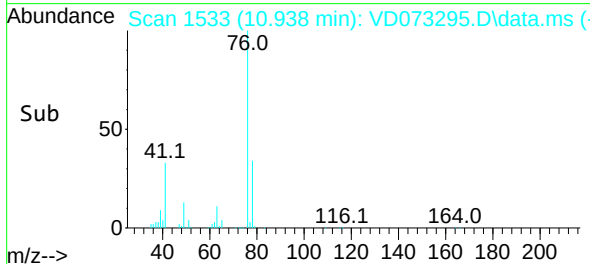
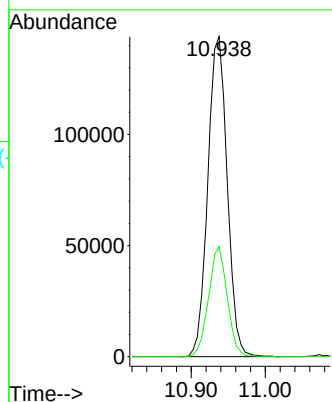
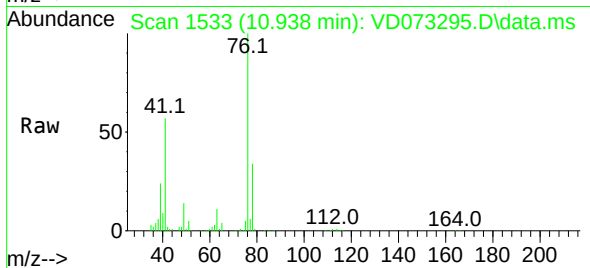
VSTDCCC050

Tgt Ion: 76 Resp: 261603

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 301.896 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073295.D

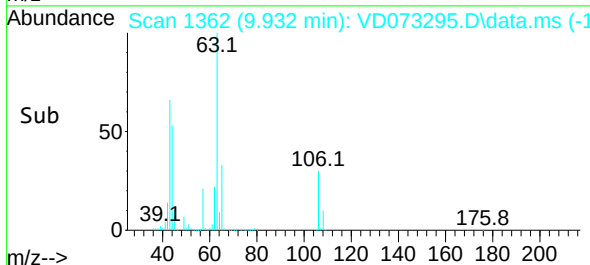
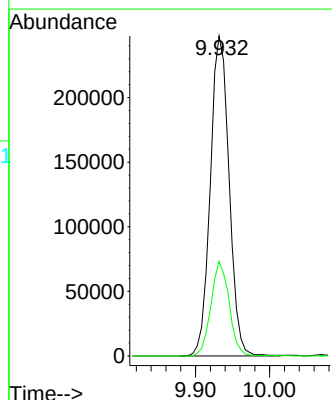
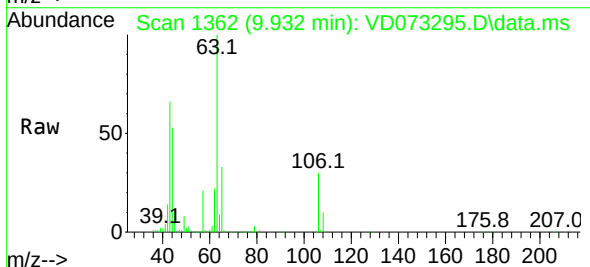
Acq: 23 May 2022 22:05

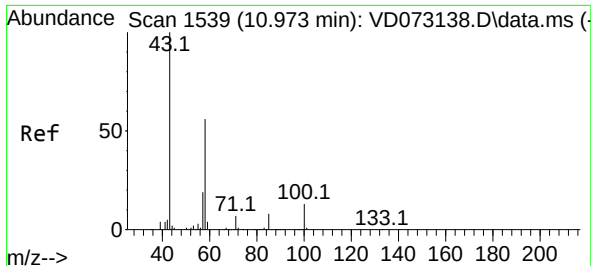
Tgt Ion: 63 Resp: 436078

Ion Ratio Lower Upper

63 100

106 28.6 21.4 32.0

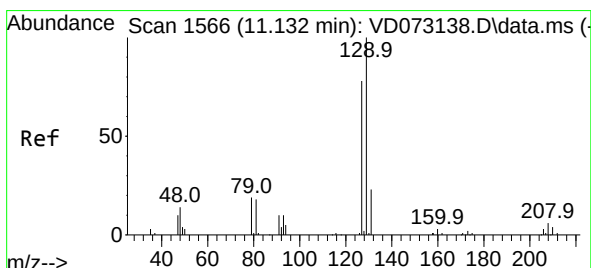
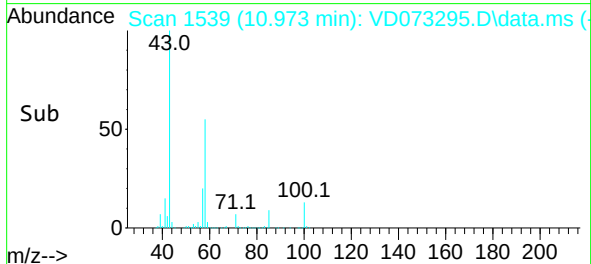
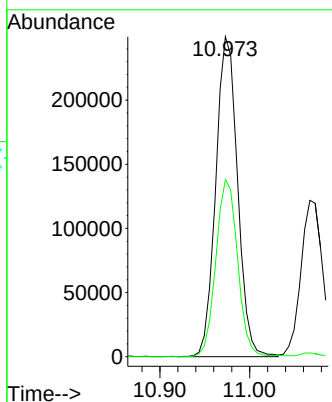
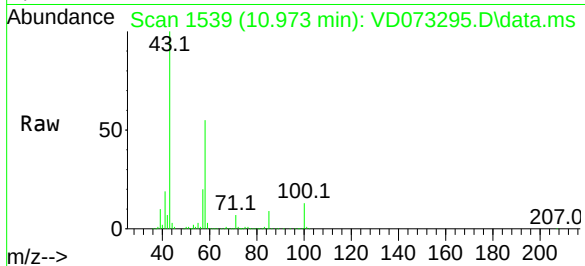




#59
2-Hexanone
Concen: 337.417 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

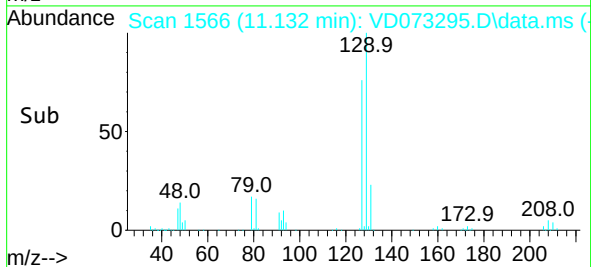
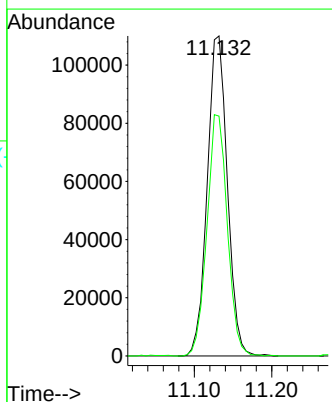
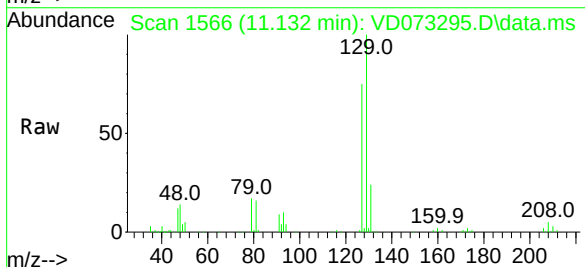
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

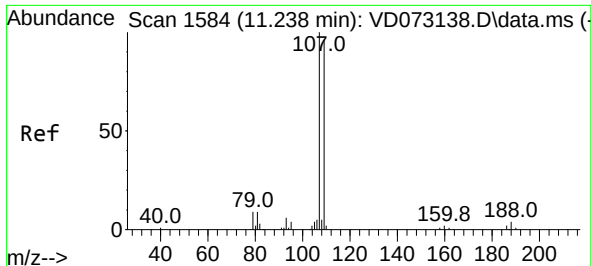
Tgt Ion: 43 Resp: 421061
Ion Ratio Lower Upper
43 100
58 55.1 25.3 75.9



#60
Dibromochloromethane
Concen: 59.157 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 129 Resp: 198476
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6

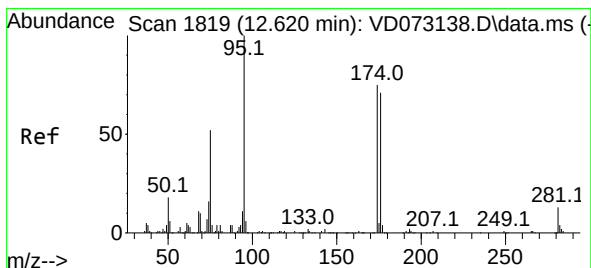
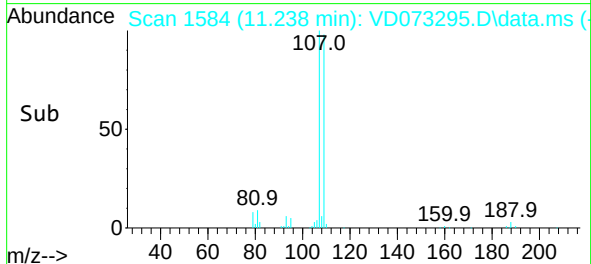
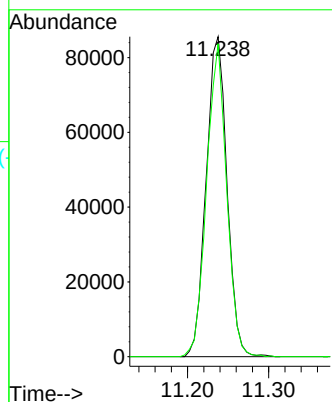
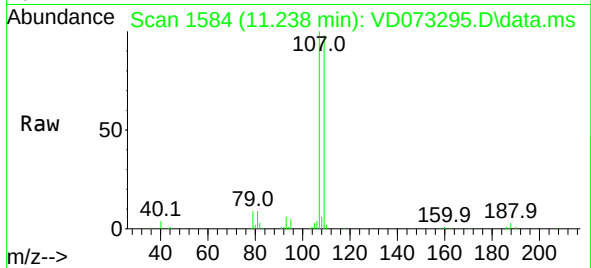




#61
1,2-Dibromoethane
Concen: 59.385 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

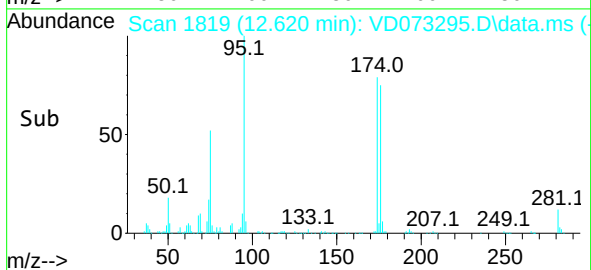
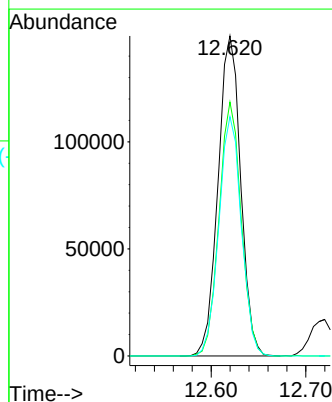
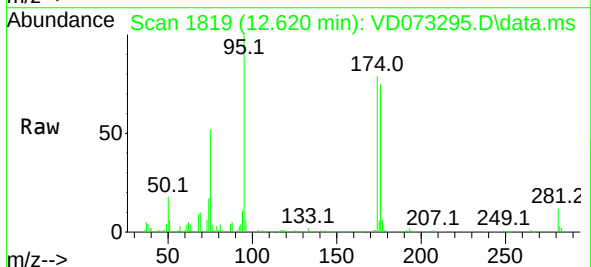
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

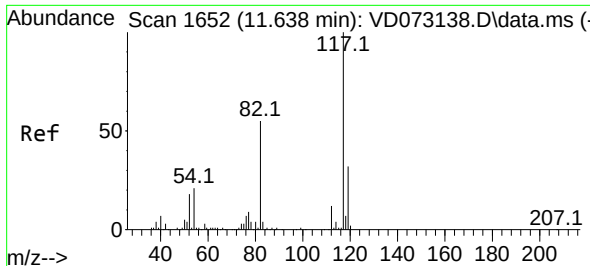
Tgt Ion:107 Resp: 152686
Ion Ratio Lower Upper
107 100
109 93.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 57.849 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 95 Resp: 248379
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 74.4 0.0 145.4

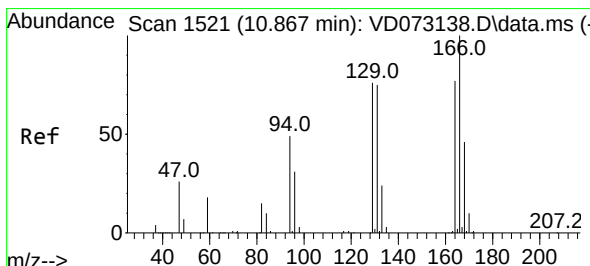
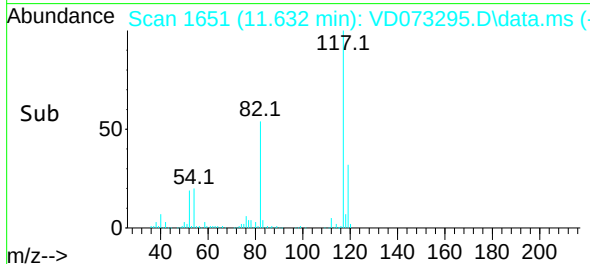
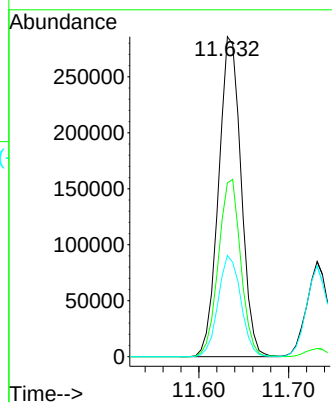
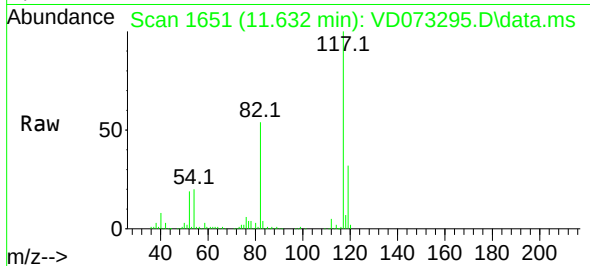




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

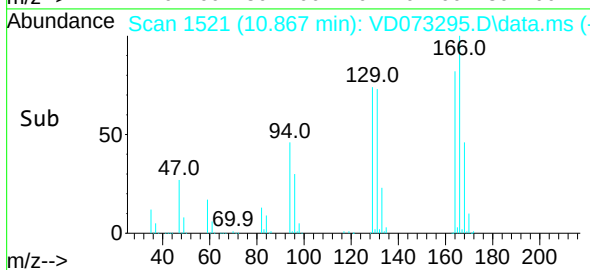
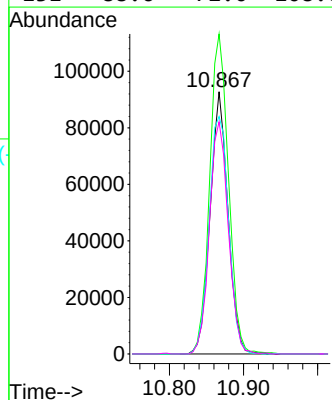
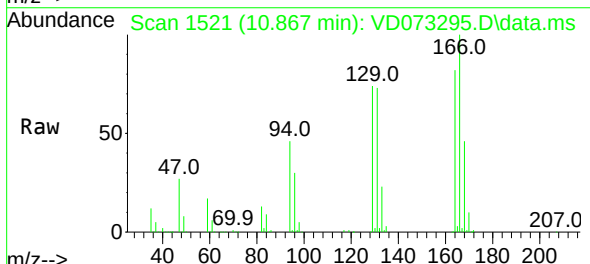
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

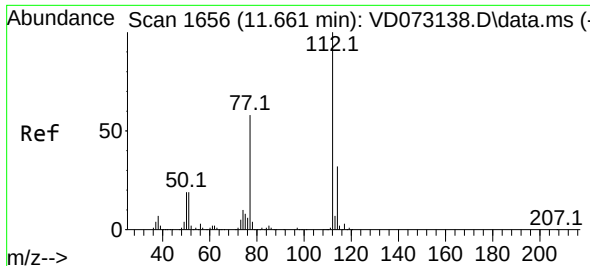
Tgt Ion:117 Resp: 497751
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.6 26.6 40.0



#64
Tetrachloroethene
Concen: 47.680 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion:164 Resp: 155443
Ion Ratio Lower Upper
164 100
166 122.1 98.5 147.7
129 90.6 74.6 111.8
131 88.6 72.0 108.0

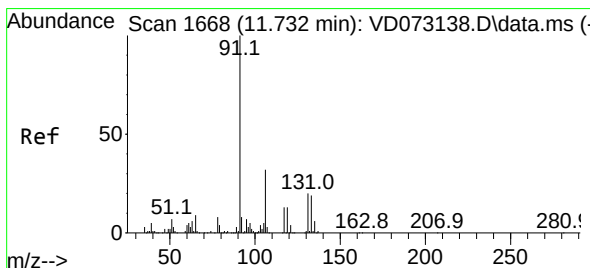
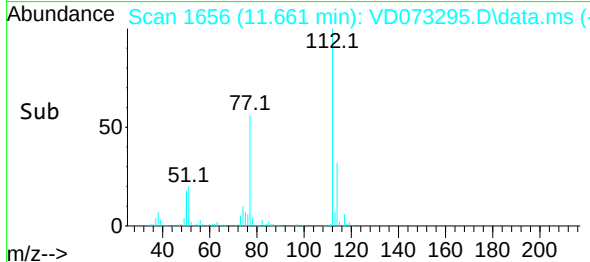
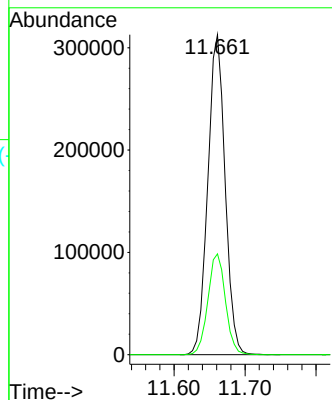
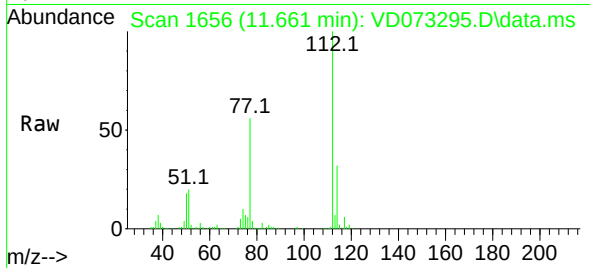




#65
Chlorobenzene
Concen: 51.759 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

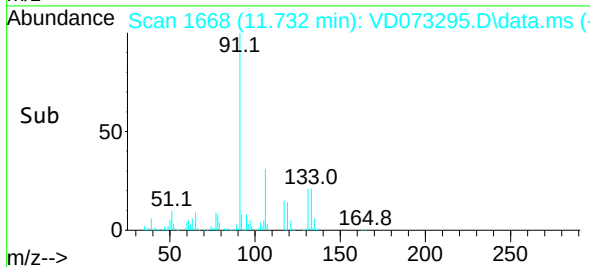
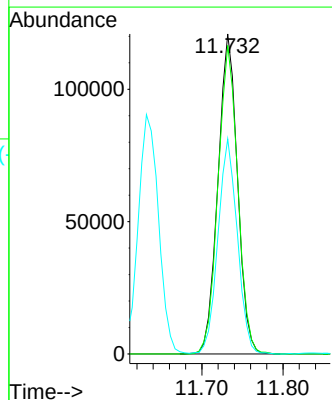
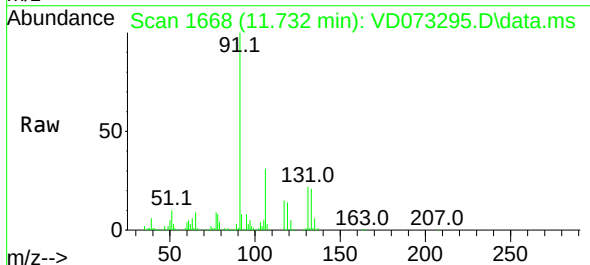
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

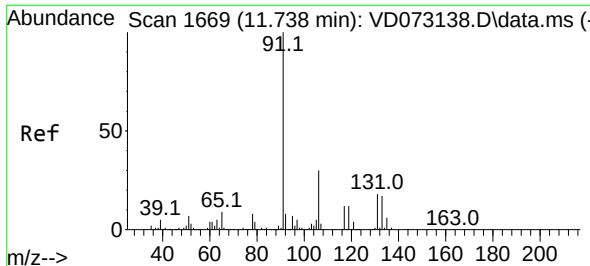
Tgt Ion:112 Resp: 528522
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.369 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion:131 Resp: 202109
Ion Ratio Lower Upper
131 100
133 97.6 48.1 144.3
119 66.8 31.9 95.9

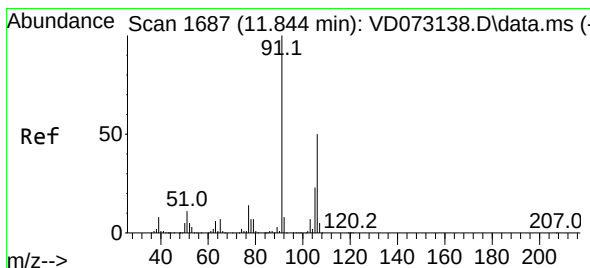
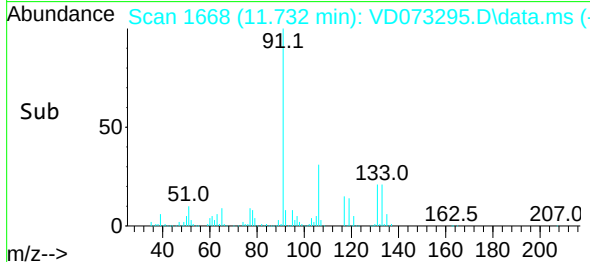
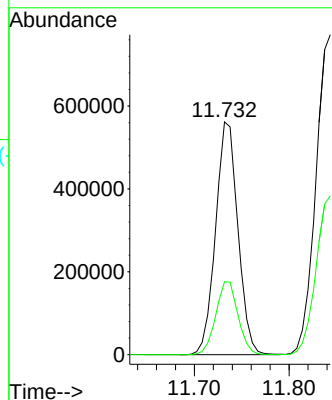
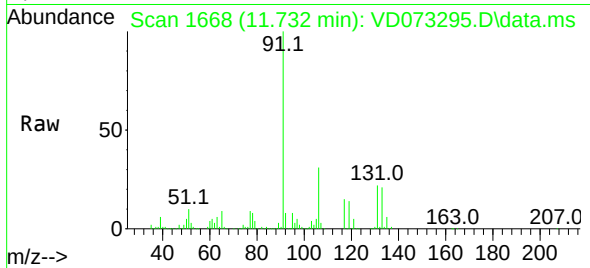




#67
Ethyl Benzene
Concen: 51.338 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

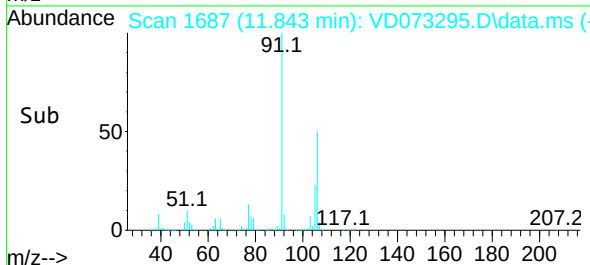
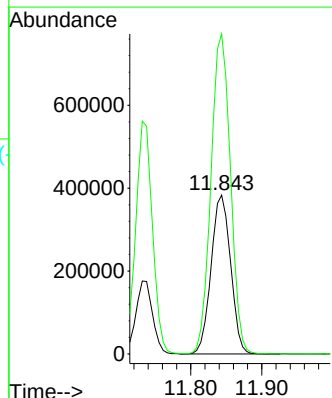
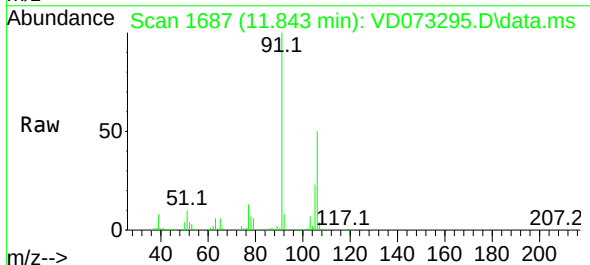
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

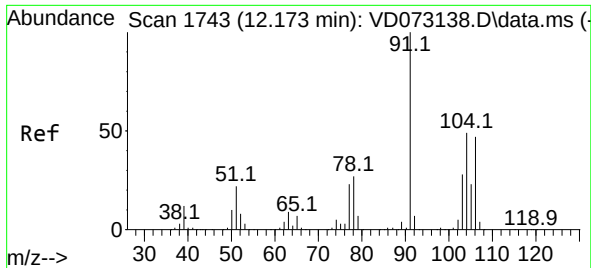
Tgt Ion: 91 Resp: 920251
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4



#68
m/p-Xylenes
Concen: 104.805 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion:106 Resp: 729896
Ion Ratio Lower Upper
106 100
91 201.4 163.7 245.5

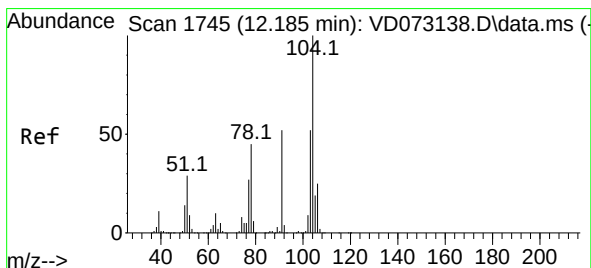
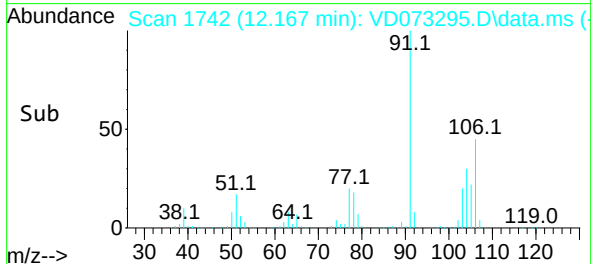
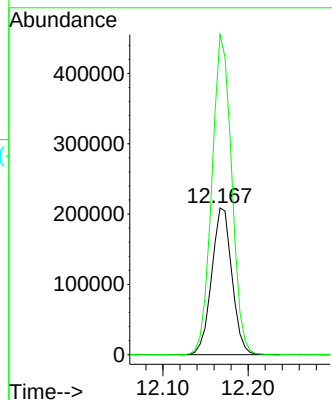
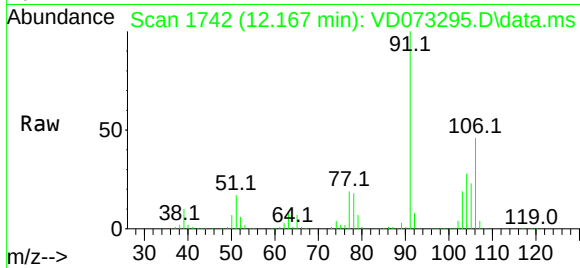




#69
o-Xylene
Concen: 53.793 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

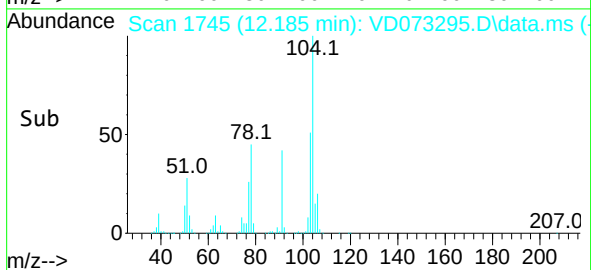
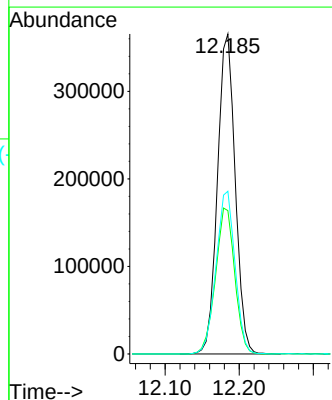
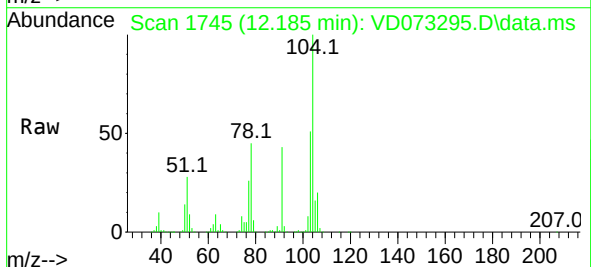
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

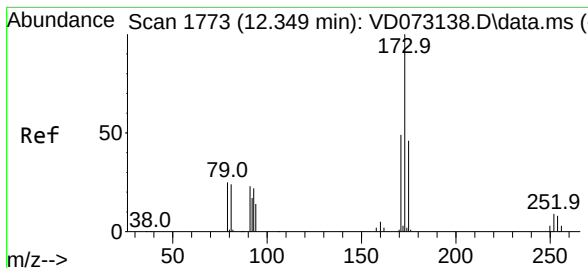
Tgt Ion:106 Resp: 344155
Ion Ratio Lower Upper
106 100
91 213.8 110.4 331.2



#70
Styrene
Concen: 55.229 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion:104 Resp: 607917
Ion Ratio Lower Upper
104 100
78 49.5 41.8 62.8
103 54.6 44.2 66.4





#71

Bromoform

Concen: 58.917 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

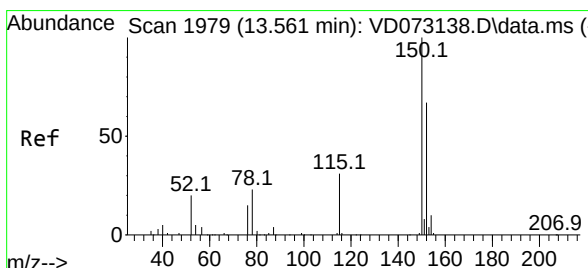
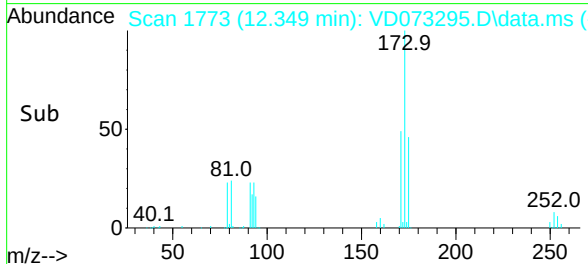
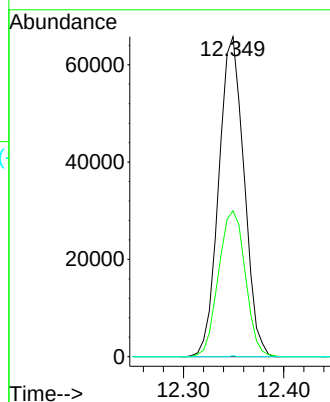
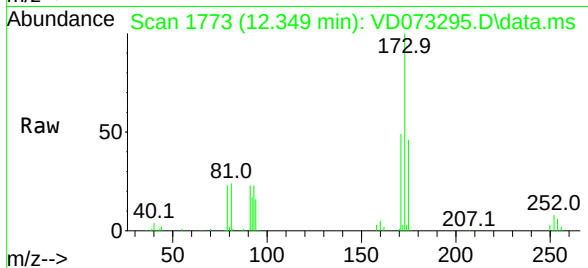
Tgt Ion:173 Resp: 114833

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.8

254 0.1 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: VD073295.D

Acq: 23 May 2022 22:05

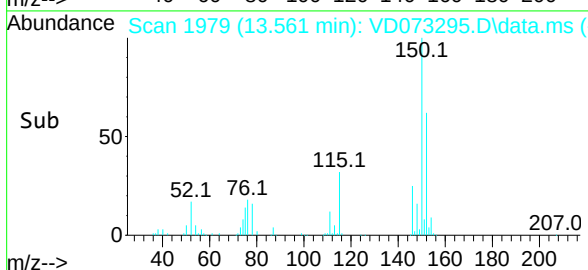
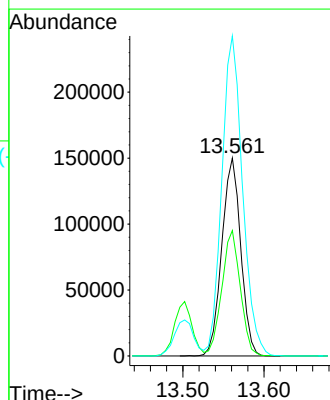
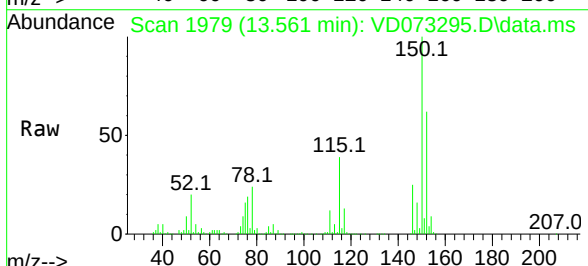
Tgt Ion:152 Resp: 243367

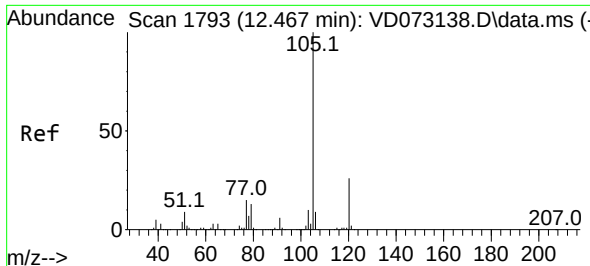
Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.8

150 177.0 0.0 348.6

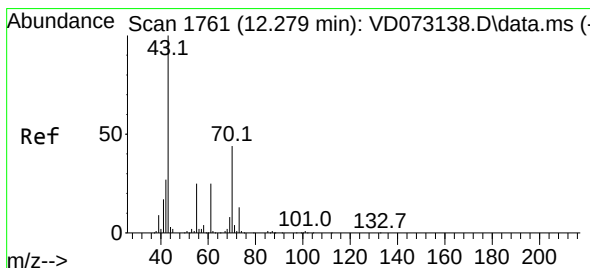
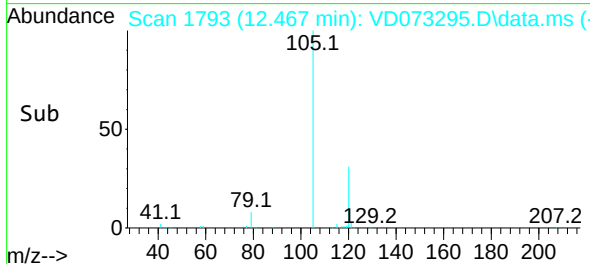
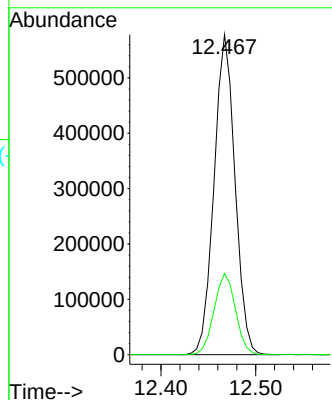
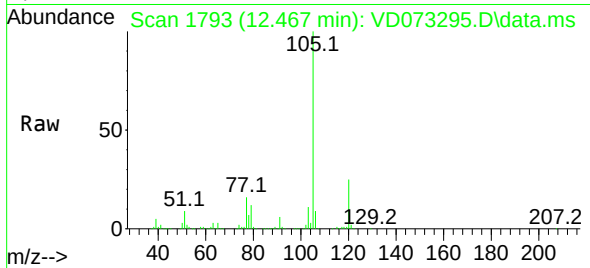




#73
Isopropylbenzene
Concen: 51.302 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

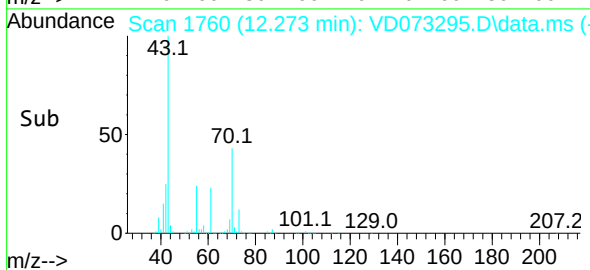
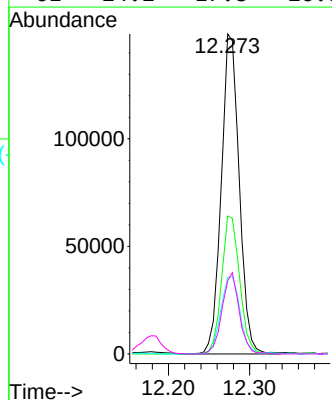
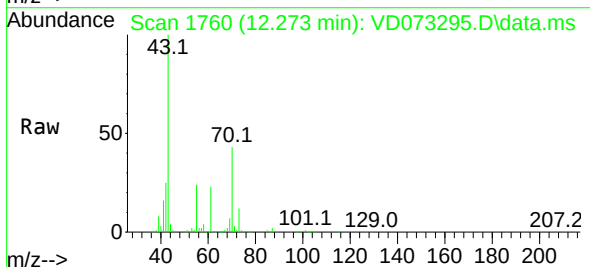
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

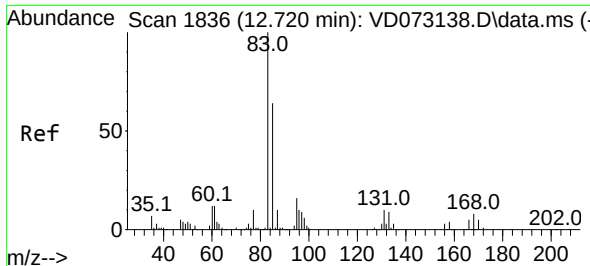
Tgt Ion:105 Resp: 890067
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 60.672 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 43 Resp: 229632
Ion Ratio Lower Upper
43 100
70 43.3 31.3 46.9
55 26.1 20.0 30.0
61 24.2 17.8 26.8

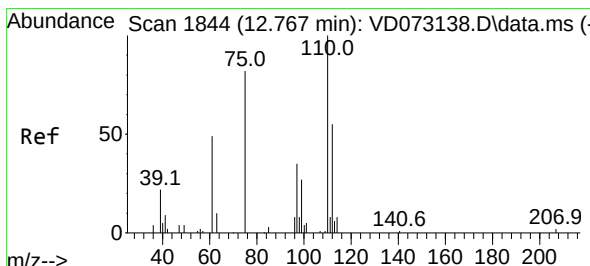
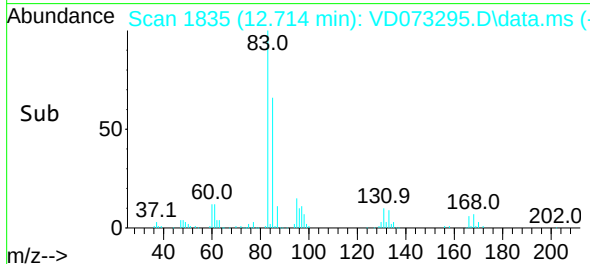
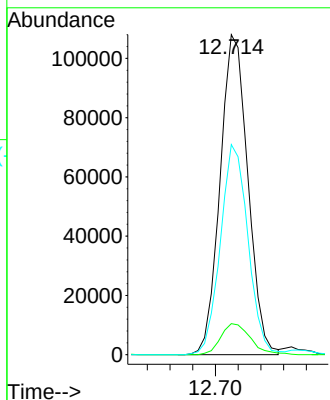
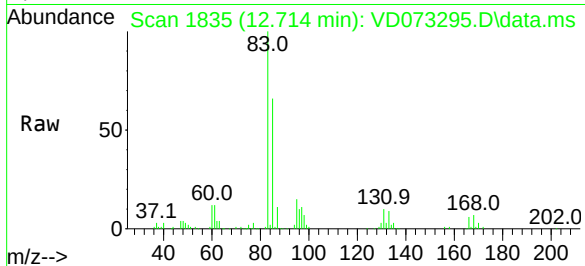




#75
1,1,2,2-Tetrachloroethane
Concen: 57.426 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

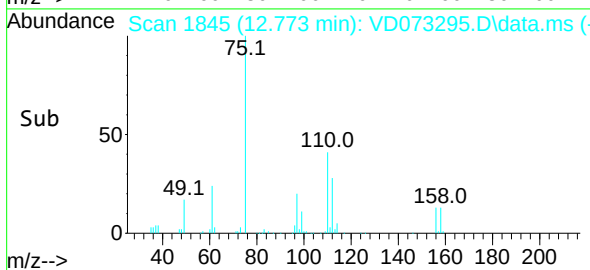
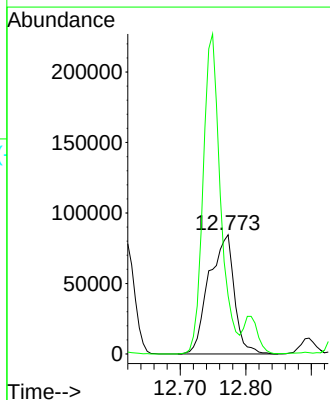
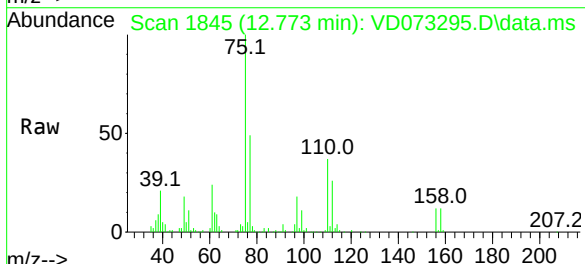
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

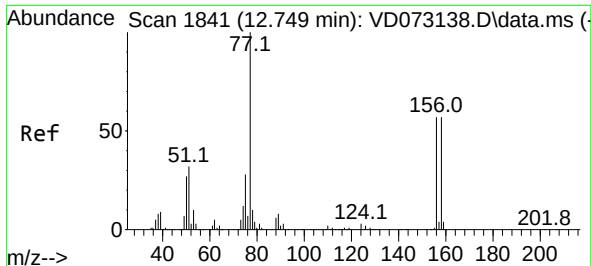
Tgt Ion: 83 Resp: 183749
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 65.3 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 94.861 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 75 Resp: 226515
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

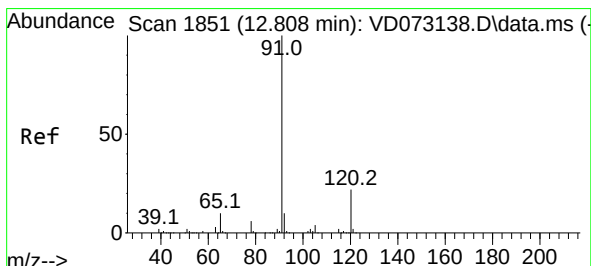
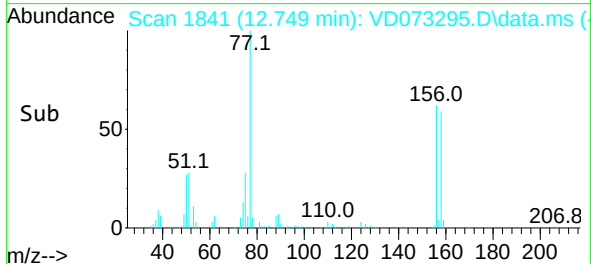
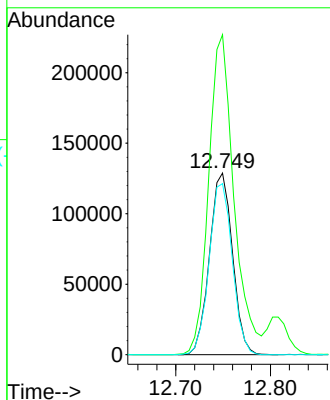
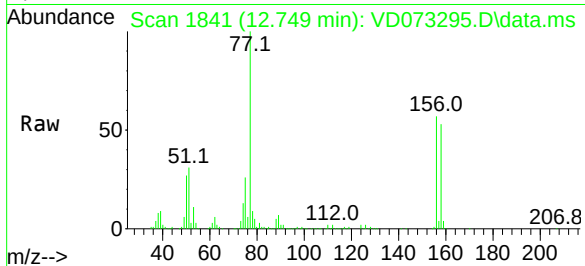




#77
Bromobenzene
Concen: 53.332 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

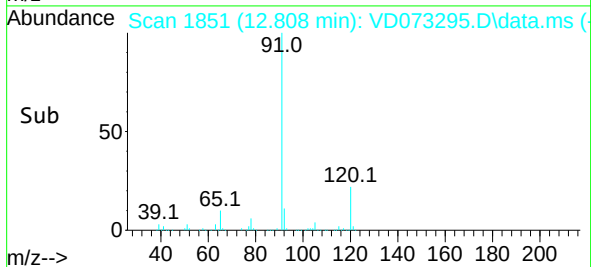
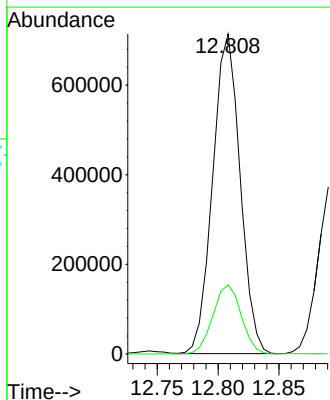
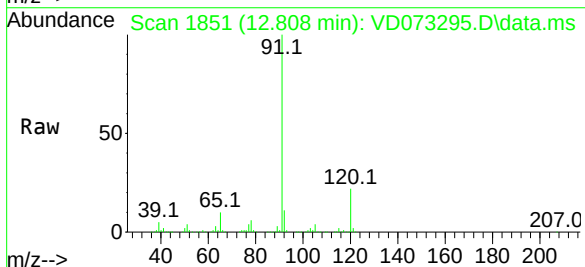
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

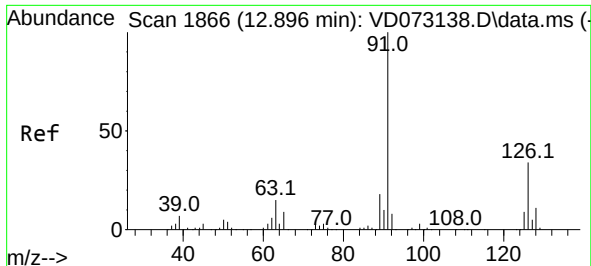
Tgt Ion:156 Resp: 217814
Ion Ratio Lower Upper
156 100
77 193.2 102.8 308.3
158 95.0 48.7 146.1



#78
n-propylbenzene
Concen: 51.179 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 91 Resp: 1114717
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9

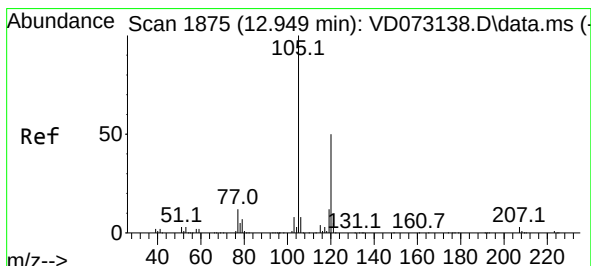
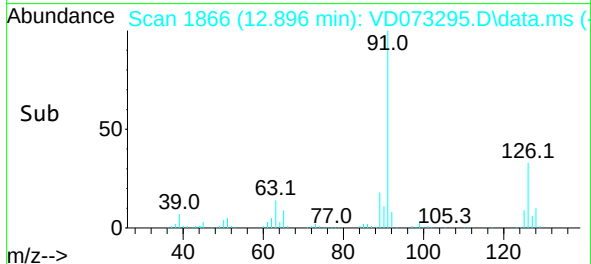
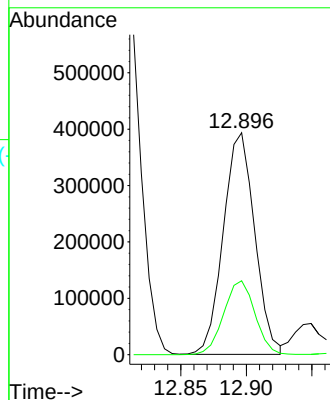
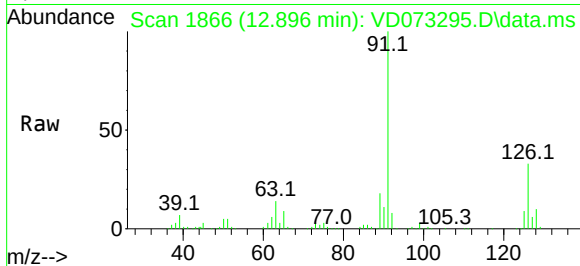




#79
2-Chlorotoluene
Concen: 52.036 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

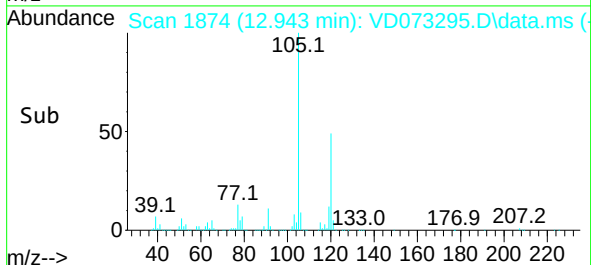
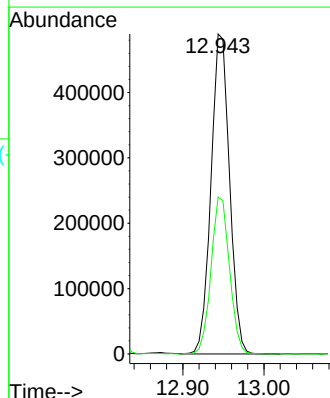
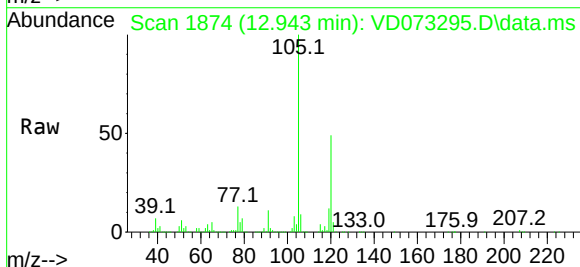
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

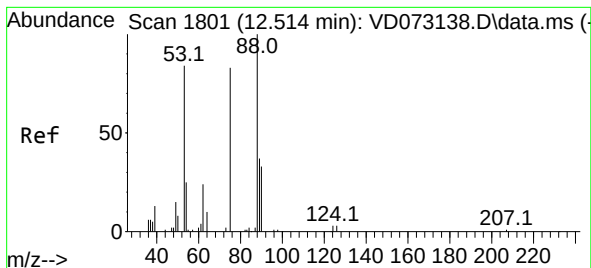
Tgt Ion: 91 Resp: 654402
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 52.838 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 105 Resp: 776546
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

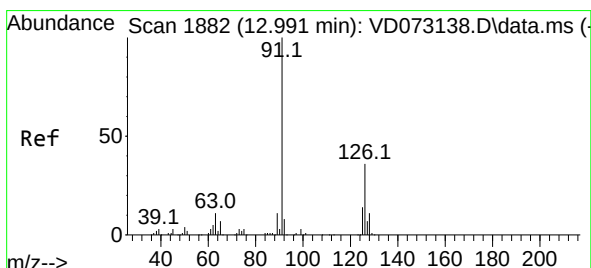
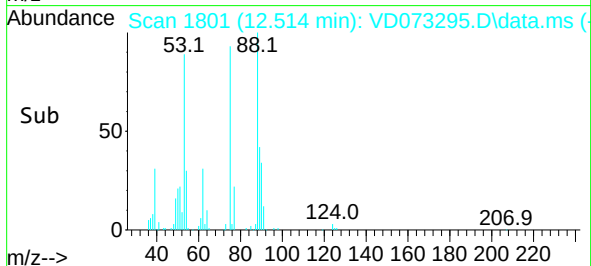
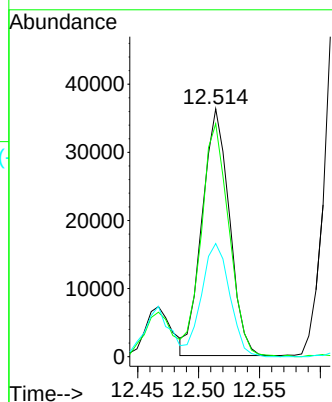
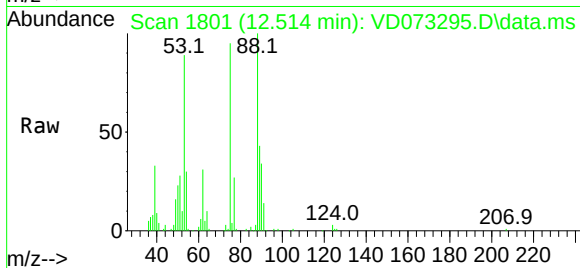




#81
trans-1,4-Dichloro-2-butene
Concen: 56.846 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

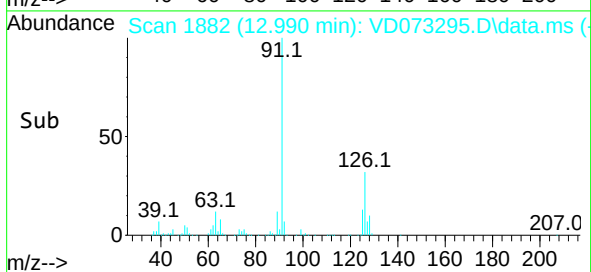
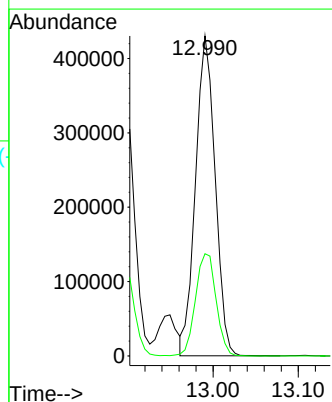
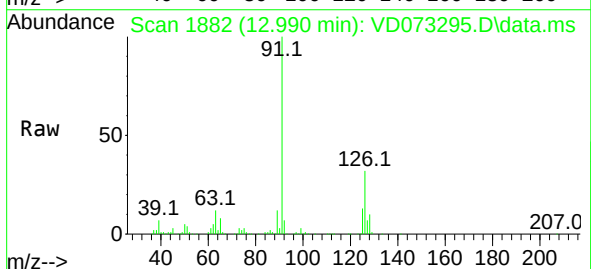
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

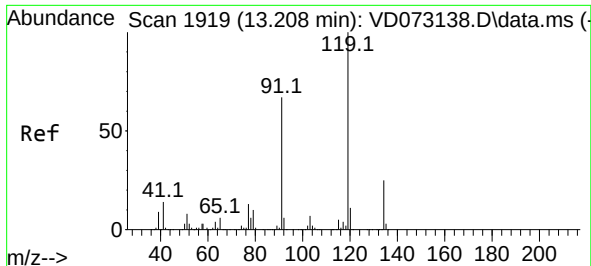
Tgt Ion: 75 Resp: 56542
Ion Ratio Lower Upper
75 100
53 96.2 86.5 129.7
89 47.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 52.044 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 91 Resp: 686022
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5

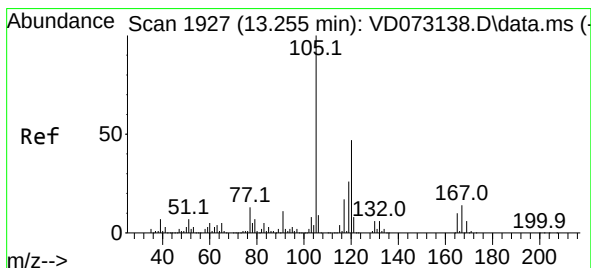
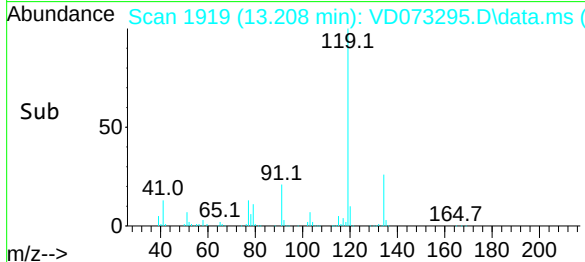
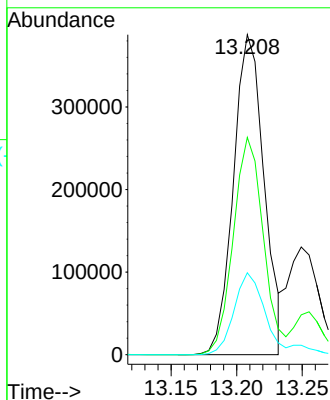
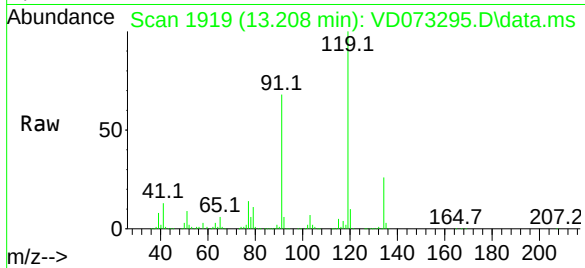




#83
tert-Butylbenzene
Concen: 50.887 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

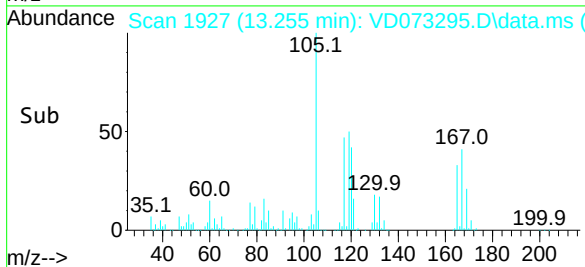
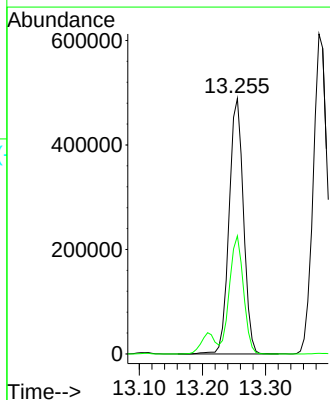
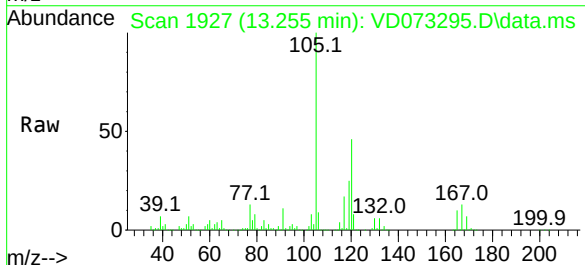
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

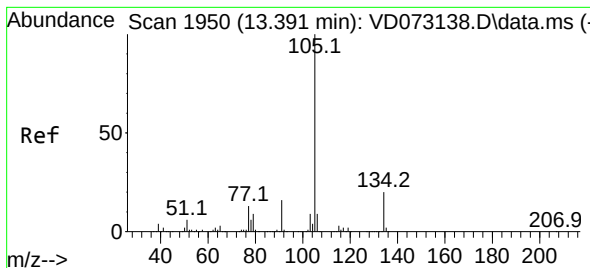
Tgt Ion:119 Resp: 630298
Ion Ratio Lower Upper
119 100
91 66.8 34.8 104.5
134 27.3 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 53.111 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion:105 Resp: 771115
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.683 ug/l

RT: 13.385 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

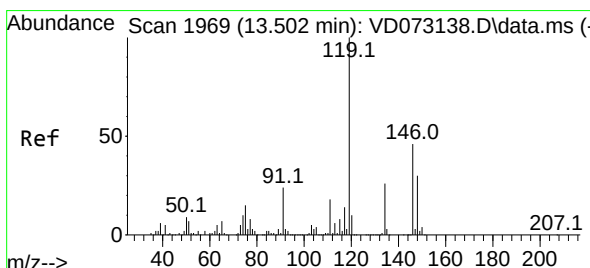
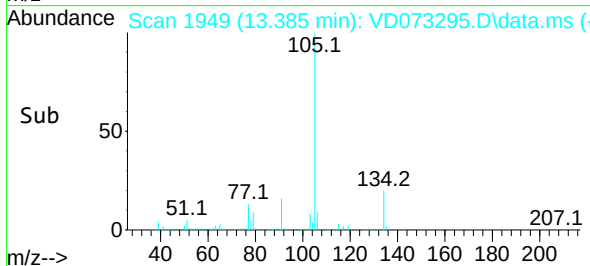
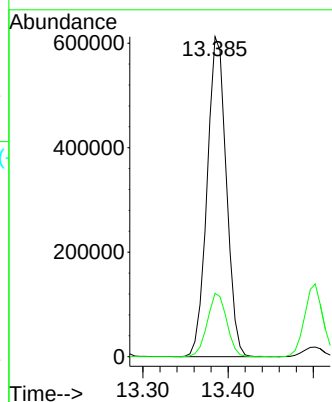
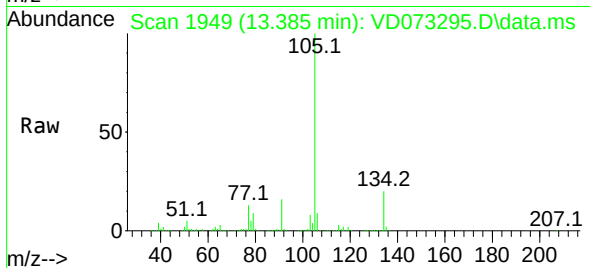
VSTDCCC050

Tgt Ion:105 Resp: 958562

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.109 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

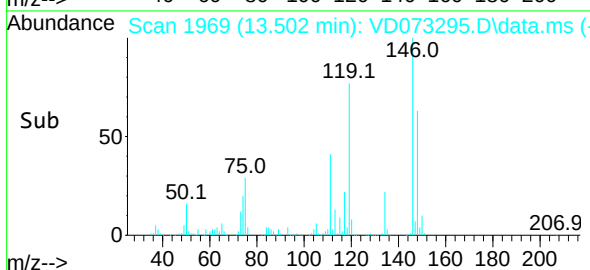
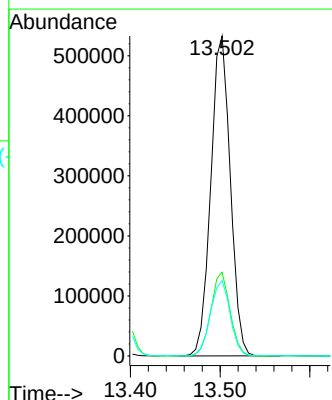
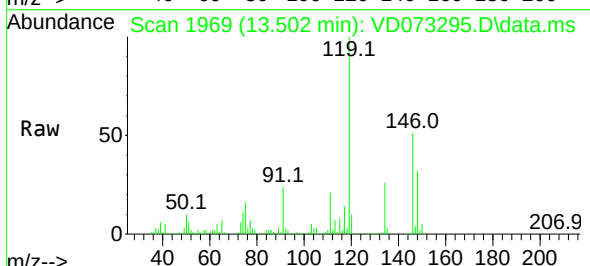
Tgt Ion:119 Resp: 803364

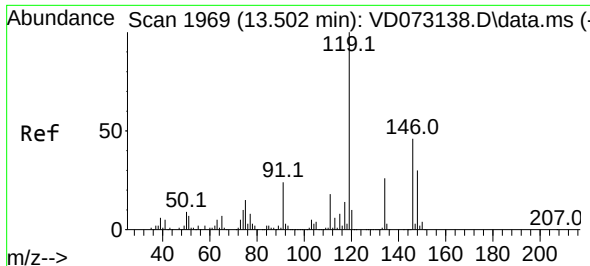
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

91 23.8 12.1 36.3

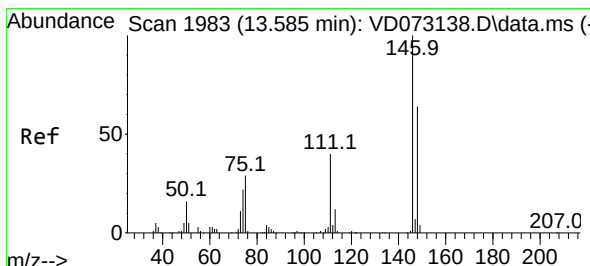
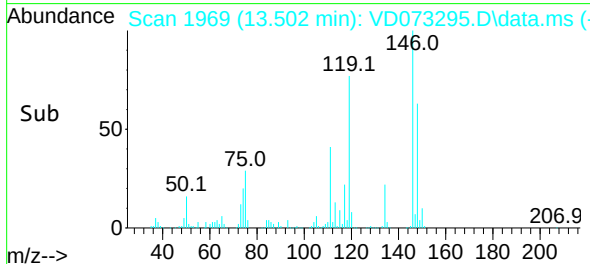
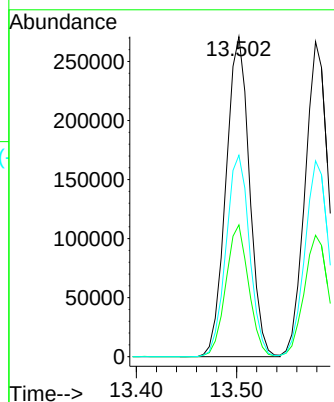
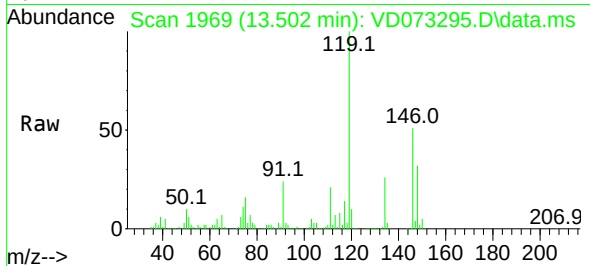




#87
1,3-Dichlorobenzene
Concen: 53.589 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

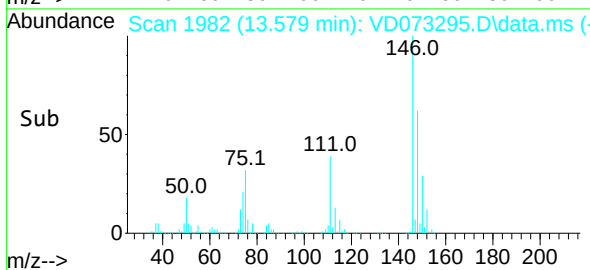
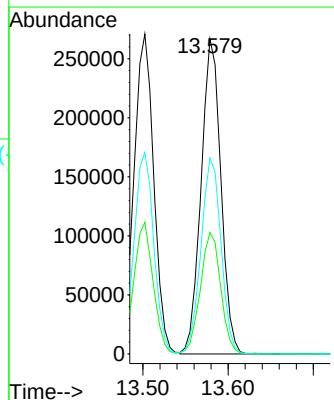
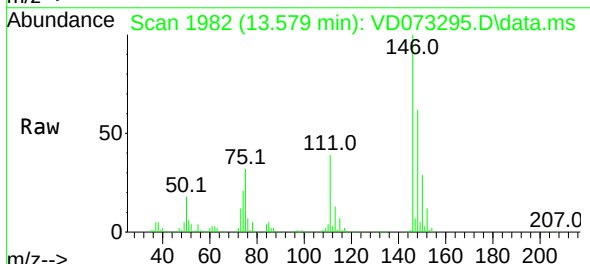
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

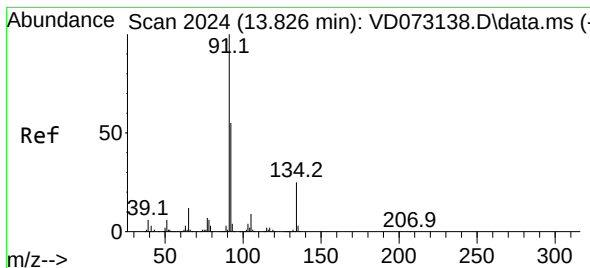
Tgt Ion:146 Resp: 441148
Ion Ratio Lower Upper
146 100
111 40.1 20.4 61.3
148 62.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.859 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion:146 Resp: 430944
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.9
148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 52.178 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

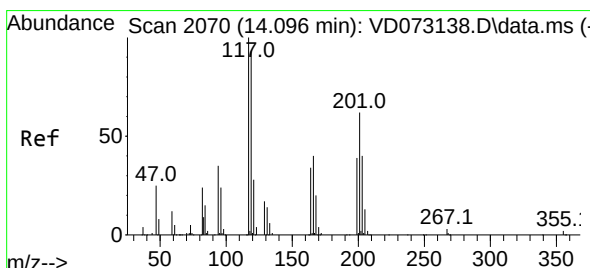
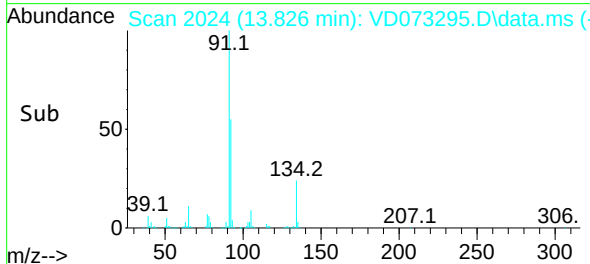
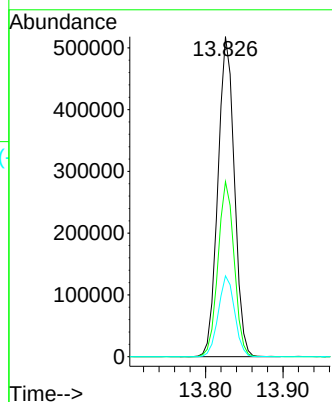
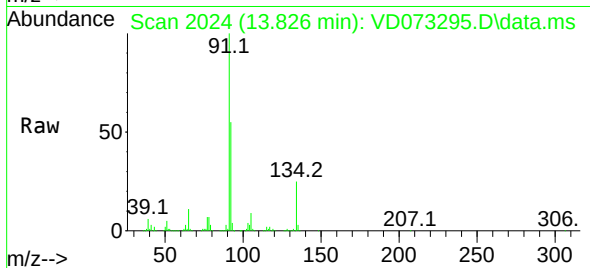
Tgt Ion: 91 Resp: 766482

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.8

134 25.1 12.3 36.9



#90

Hexachloroethane

Concen: 50.852 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073295.D

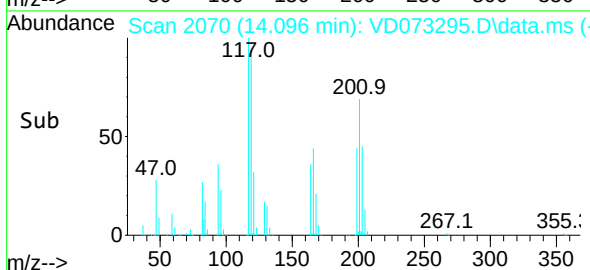
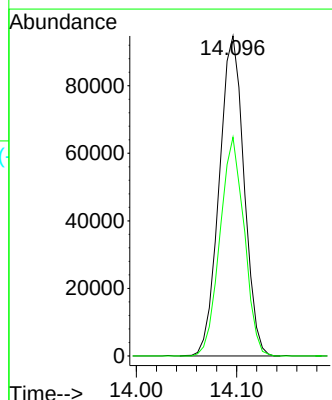
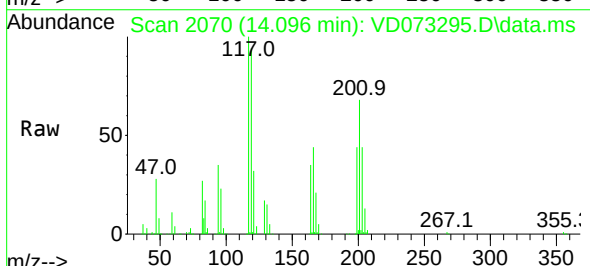
Acq: 23 May 2022 22:05

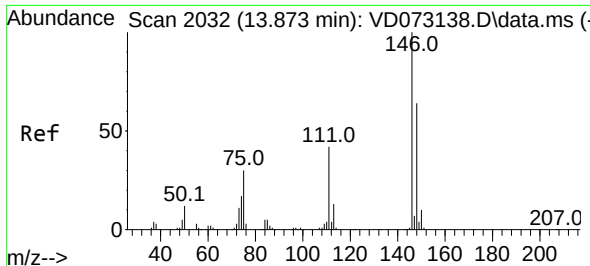
Tgt Ion: 117 Resp: 162221

Ion Ratio Lower Upper

117 100

201 66.8 33.4 100.2

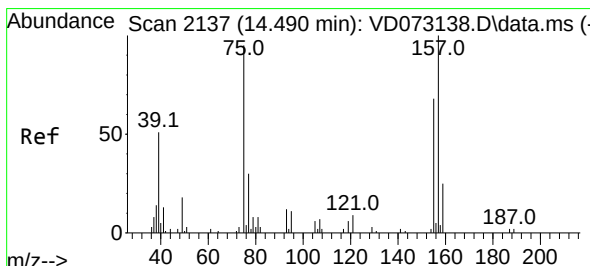
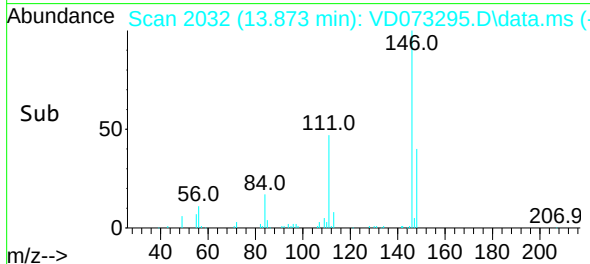
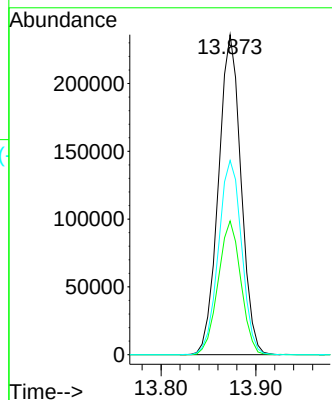
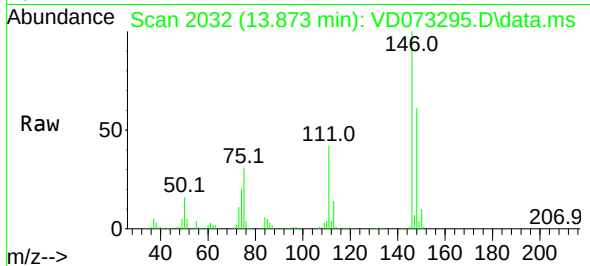




#91
1,2-Dichlorobenzene
Concen: 54.815 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

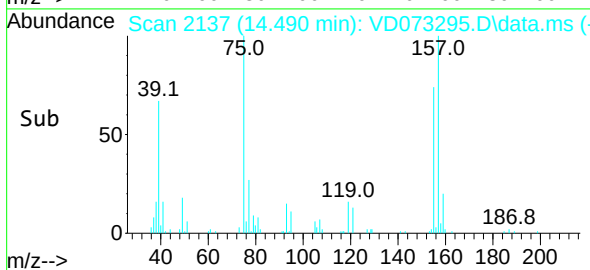
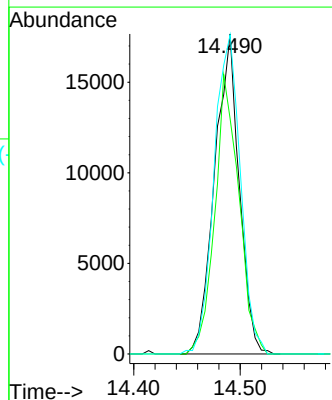
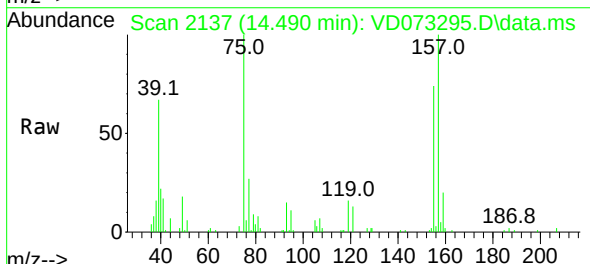
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

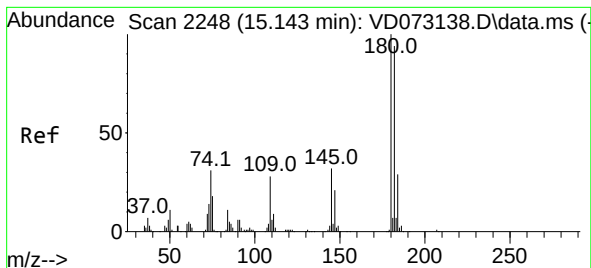
Tgt Ion:146 Resp: 390424
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.3
148 62.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.592 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion: 75 Resp: 28221
Ion Ratio Lower Upper
75 100
155 85.6 36.8 110.3
157 107.2 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 56.718 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

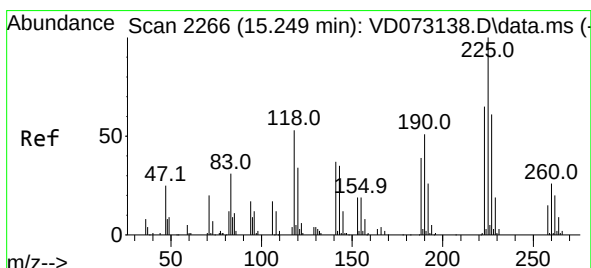
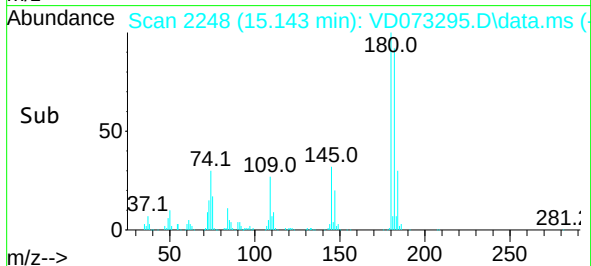
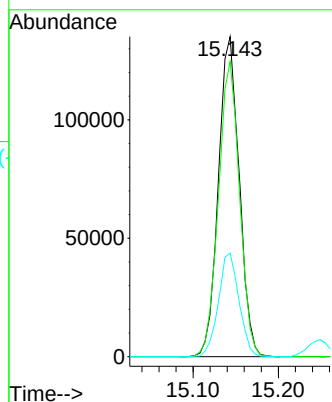
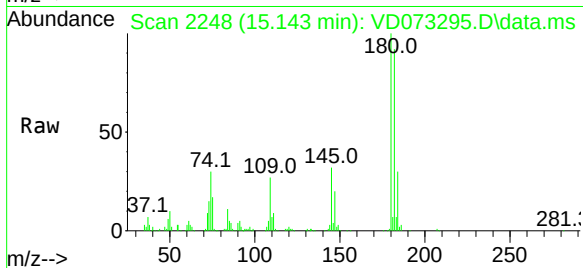
Tgt Ion:180 Resp: 229350

Ion Ratio Lower Upper

180 100

182 93.2 47.3 142.0

145 32.0 16.2 48.5



#94

Hexachlorobutadiene

Concen: 49.287 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. -0.006 min

Lab File: VD073295.D

Acq: 23 May 2022 22:05

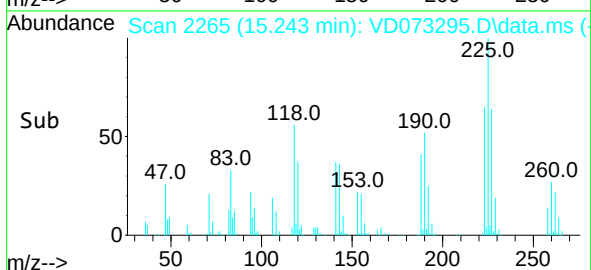
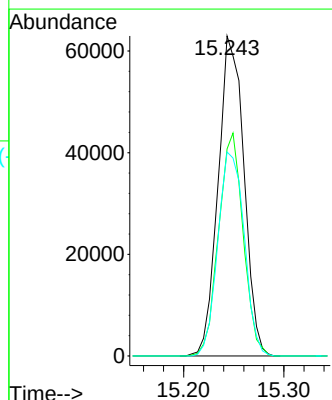
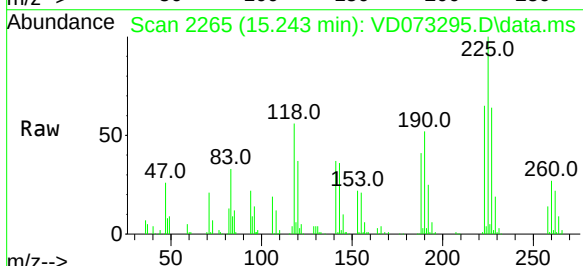
Tgt Ion:225 Resp: 112309

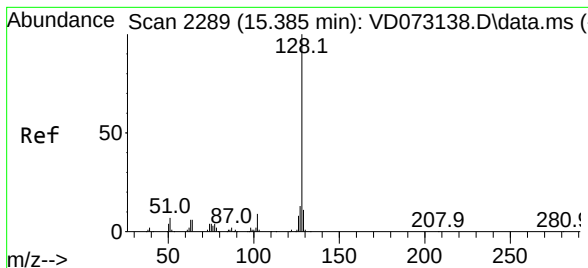
Ion Ratio Lower Upper

225 100

223 66.4 31.1 93.2

227 65.1 32.4 97.0

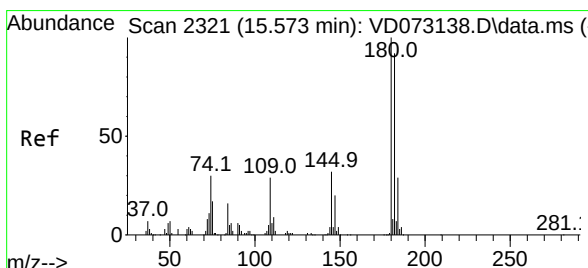
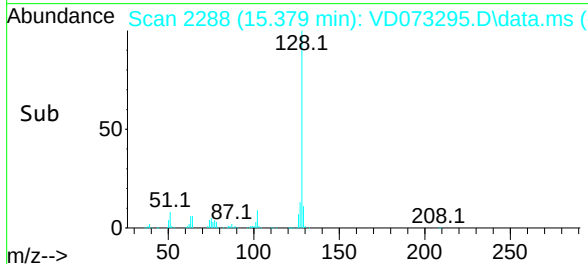
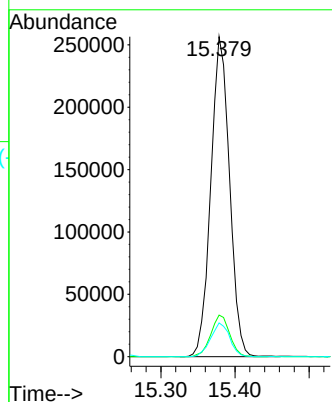
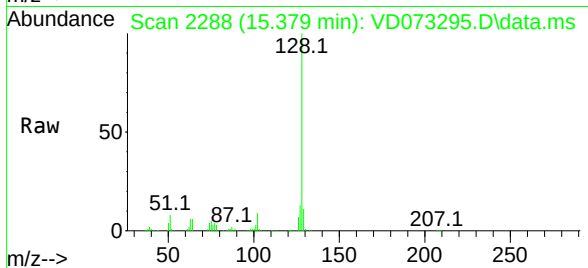




#95
Naphthalene
Concen: 56.103 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 450514
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 58.015 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073295.D
Acq: 23 May 2022 22:05

Tgt Ion:180 Resp: 207975
Ion Ratio Lower Upper
180 100
182 92.9 47.6 142.9
145 34.1 17.1 51.3

