

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073317.D
 Acq On : 24 May 2022 11:06
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 16:43:04 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	357734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	586202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	548492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	267478	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203068	51.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.720%	
35) Dibromofluoromethane	7.908	113	211628	54.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.420%	
50) Toluene-d8	10.332	98	787068	55.198	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.400%	
62) 4-Bromofluorobenzene	12.620	95	282920	56.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	158202	44.257	ug/l	97
3) Chloromethane	2.208	50	167583	41.460	ug/l	97
4) Vinyl Chloride	2.350	62	168205	45.509	ug/l	96
5) Bromomethane	2.761	94	118977	50.231	ug/l	94
6) Chloroethane	2.920	64	108551	47.775	ug/l	95
7) Trichlorofluoromethane	3.273	101	320810	49.088	ug/l	93
8) Diethyl Ether	3.708	74	91283	50.830	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	192263	49.305	ug/l	96
10) Methyl Iodide	4.297	142	206901	49.179	ug/l	98
11) Tert butyl alcohol	5.197	59	98818	161.104	ug/l #	84
12) 1,1-Dichloroethene	4.061	96	179502	49.929	ug/l	89
13) Acrolein	3.926	56	55444	227.277	ug/l	97
14) Allyl chloride	4.708	41	290377	50.038	ug/l	90
15) Acrylonitrile	5.414	53	226978	276.399	ug/l	98
16) Acetone	4.149	43	206320	301.293	ug/l #	86
17) Carbon Disulfide	4.408	76	491175	41.213	ug/l	97
18) Methyl Acetate	4.714	43	100463	52.759	ug/l	91
19) Methyl tert-butyl Ether	5.473	73	444183	54.233	ug/l	100
20) Methylene Chloride	4.961	84	233807	54.162	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	213553	49.128	ug/l	93
22) Diisopropyl ether	6.361	45	651392	53.546	ug/l #	90
23) Vinyl Acetate	6.296	43	1776021	273.703	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	387178	49.584	ug/l	99
25) 2-Butanone	7.202	43	280396	279.875	ug/l #	89
26) 2,2-Dichloropropane	7.202	77	337892	50.741	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	246065	51.159	ug/l	91
28) Bromochloromethane	7.538	49	131108	48.737	ug/l #	80
29) Tetrahydrofuran	7.555	42	179170	276.574	ug/l	92
30) Chloroform	7.702	83	413285	50.697	ug/l	98
31) Cyclohexane	7.979	56	317472	45.952	ug/l	89
32) 1,1,1-Trichloroethane	7.896	97	359217	50.382	ug/l	96
36) 1,1-Dichloropropene	8.108	75	300180	51.598	ug/l	96
37) Ethyl Acetate	7.291	43	126664	55.121	ug/l #	96
38) Carbon Tetrachloride	8.090	117	314094	53.262	ug/l	97
39) Methylcyclohexane	9.349	83	341911	52.736	ug/l	97
40) Benzene	8.343	78	871365	51.971	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	73610	54.980	ug/l	89
42) 1,2-Dichloroethane	8.420	62	244667	52.445	ug/l	94
43) Isopropyl Acetate	8.443	43	240658	56.660	ug/l #	94
44) Trichloroethene	9.108	130	234650	52.482	ug/l	94
45) 1,2-Dichloropropane	9.379	63	224296	53.120	ug/l	95
46) Dibromomethane	9.467	93	121672	52.467	ug/l	96
47) Bromodichloromethane	9.655	83	313449	52.825	ug/l	97
48) Methyl methacrylate	9.449	41	120781	56.521	ug/l #	89
49) 1,4-Dioxane	9.449	88	26736	1116.382	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	656527	297.606	ug/l	94
52) Toluene	10.396	92	577415	54.499	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	295424	55.110	ug/l	100
54) cis-1,3-Dichloropropene	10.084	75	351590	54.807	ug/l #	89
55) 1,1,2-Trichloroethane	10.790	97	170464	54.358	ug/l	98
56) Ethyl methacrylate	10.649	69	207481	59.507	ug/l #	86
57) 1,3-Dichloropropane	10.937	76	289310	54.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	455830	272.993	ug/l	95
59) 2-Hexanone	10.973	43	460115	316.361	ug/l	94
60) Dibromochloromethane	11.131	129	213056	54.486	ug/l	100
61) 1,2-Dibromoethane	11.237	107	161346	53.843	ug/l	98
64) Tetrachloroethene	10.867	164	193404	53.836	ug/l	98
65) Chlorobenzene	11.661	112	607521	53.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	227110	54.422	ug/l	98
67) Ethyl Benzene	11.737	91	1109430	56.166	ug/l	99
68) m/p-Xylenes	11.843	106	858612	111.882	ug/l	99
69) o-Xylene	12.167	106	395220	56.060	ug/l	98
70) Styrene	12.184	104	701634	57.846	ug/l	96
71) Bromoform	12.349	173	124267	57.859	ug/l #	99
73) Isopropylbenzene	12.467	105	1080979	56.690	ug/l	99
74) N-amyl acetate	12.278	43	240382	57.787	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	196468	55.866	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	245848	93.677	ug/l #	100
77) Bromobenzene	12.749	156	241606	53.825	ug/l	94
78) n-propylbenzene	12.808	91	1353326	56.533	ug/l	99
79) 2-Chlorotoluene	12.896	91	757157	54.779	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	907791	56.200	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	63914	58.465	ug/l	86
82) 4-Chlorotoluene	12.990	91	802878	55.418	ug/l	99
83) tert-Butylbenzene	13.208	119	780845	57.358	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	901484	56.493	ug/l	98
85) sec-Butylbenzene	13.390	105	1184172	56.968	ug/l	99
86) p-Isopropyltoluene	13.502	119	975899	57.594	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	493616	54.557	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	490313	53.685	ug/l	99
89) n-Butylbenzene	13.825	91	947545	58.690	ug/l	99
90) Hexachloroethane	14.096	117	193114	55.080	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	429477	54.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	29901	55.520	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	260682	58.655	ug/l	100
94) Hexachlorobutadiene	15.249	225	139792	55.818	ug/l	98
95) Naphthalene	15.384	128	481224	54.625	ug/l	100
96) 1,2,3-Trichlorobenzene	15.578	180	229943	58.361	ug/l	99

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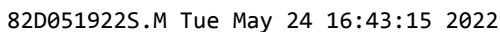
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

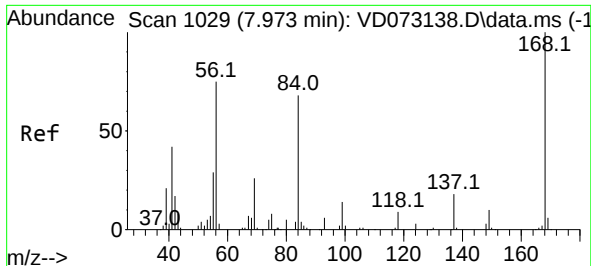
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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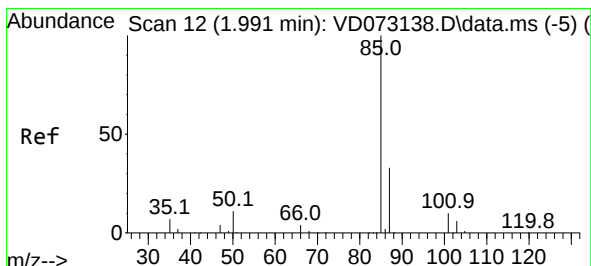
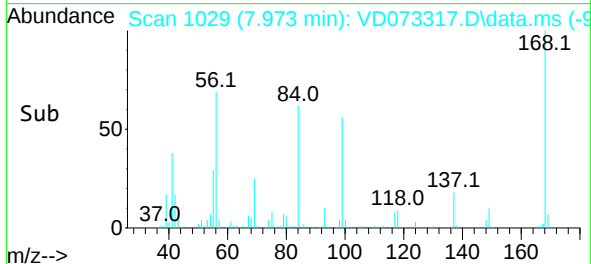
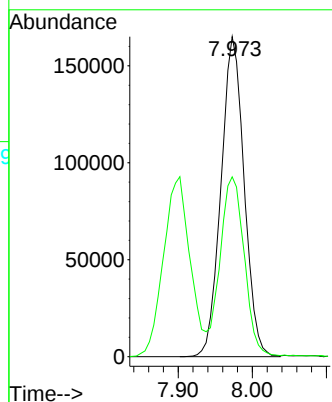
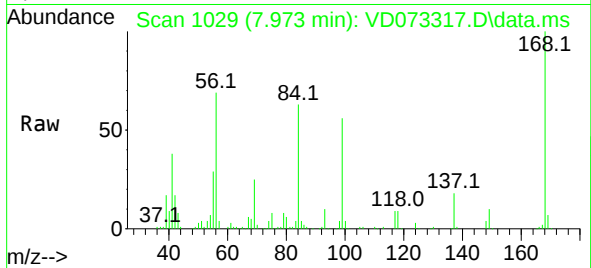




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073317.D
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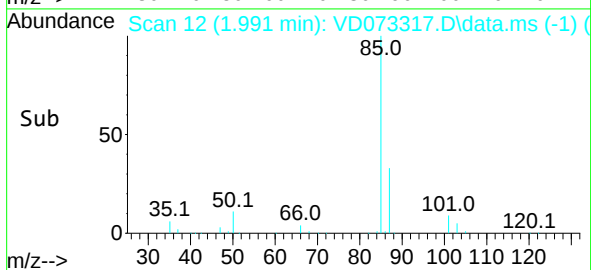
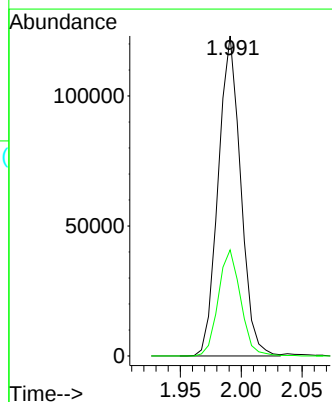
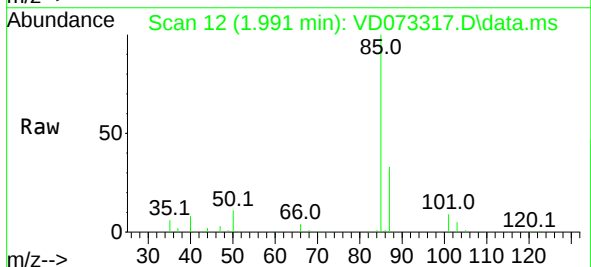
Instrument :
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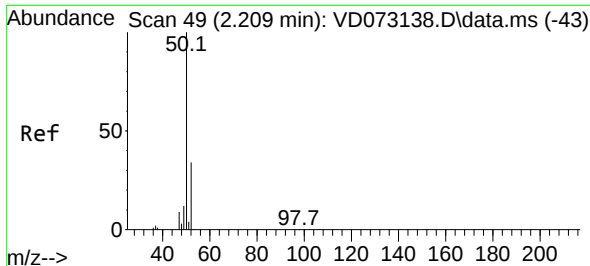
Tgt Ion:168 Resp: 357734
Ion Ratio Lower Upper
168 100
99 55.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 44.257 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 85 Resp: 158202
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0

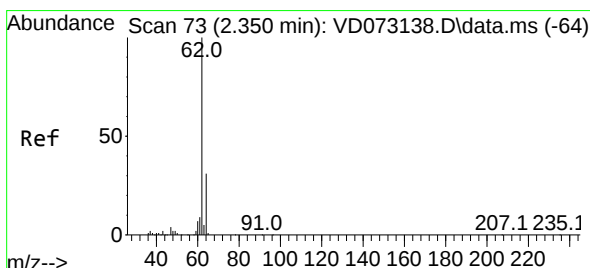
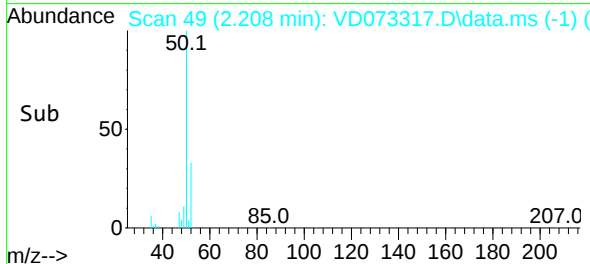
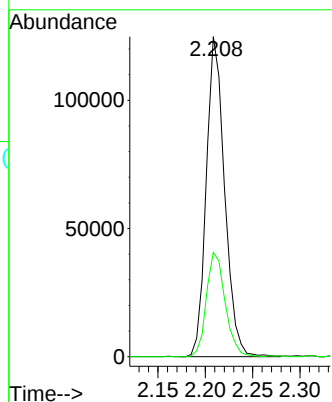
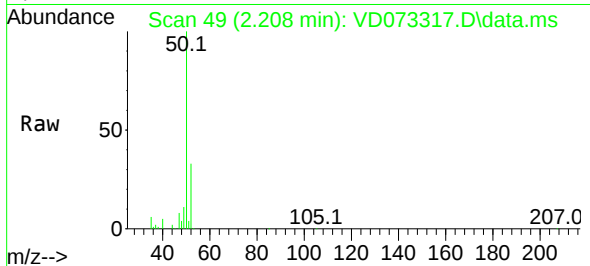




#3
Chloromethane
Concen: 41.460 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

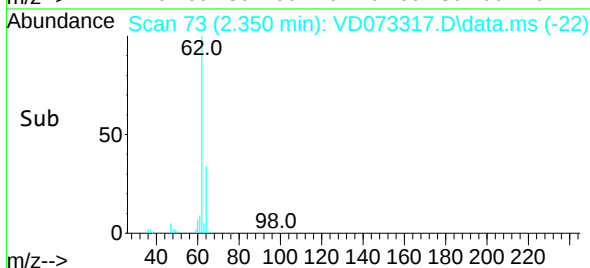
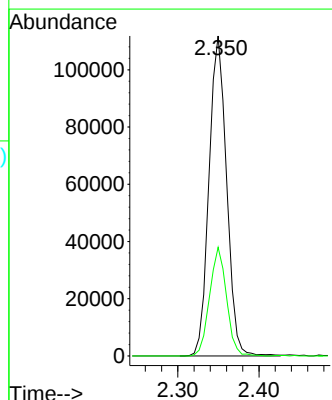
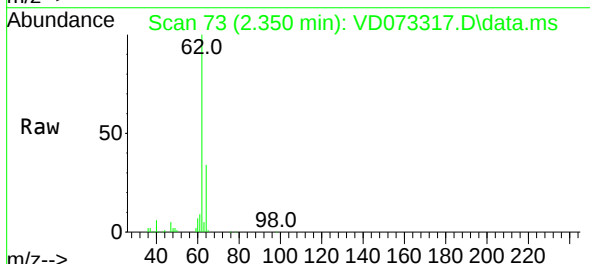
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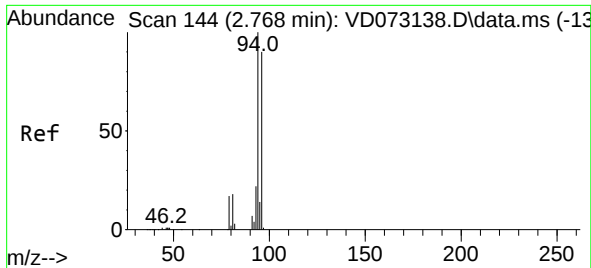
Tgt Ion: 50 Resp: 167583
Ion Ratio Lower Upper
50 100
52 32.6 27.4 41.0



#4
Vinyl Chloride
Concen: 45.509 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 62 Resp: 168205
Ion Ratio Lower Upper
62 100
64 34.0 25.4 38.0

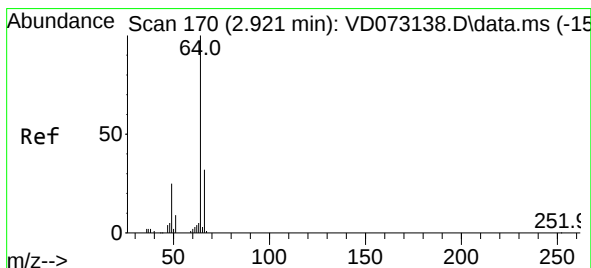
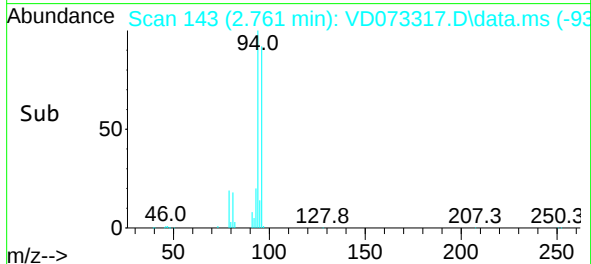
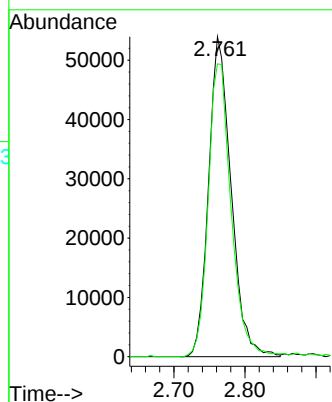
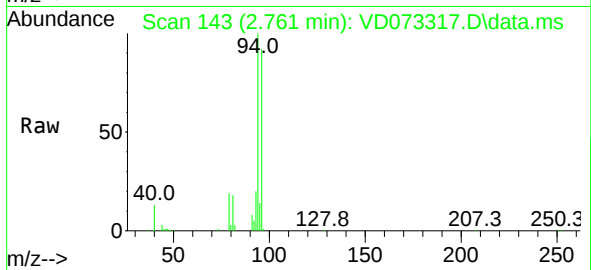




#5
Bromomethane
Concen: 50.231 ug/l
RT: 2.761 min Scan# 144
Delta R.T. -0.007 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

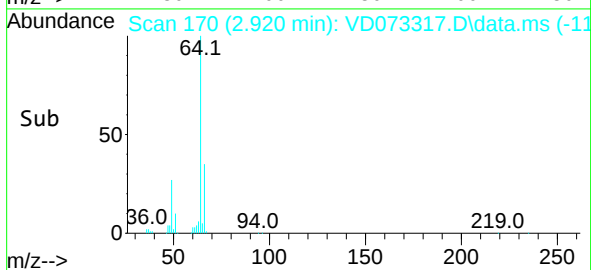
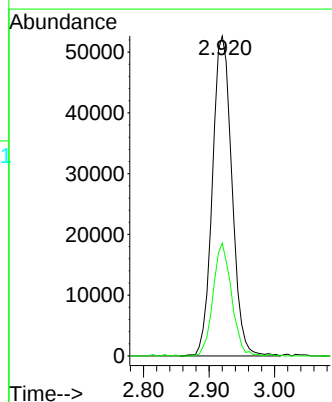
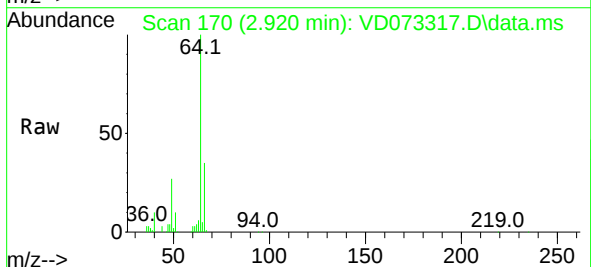
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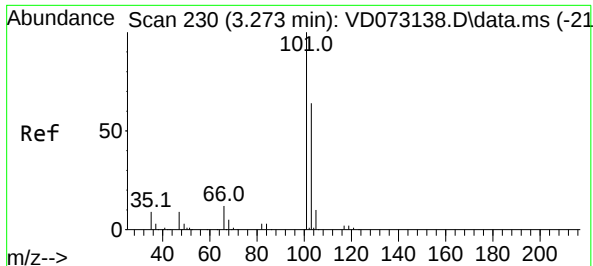
Tgt Ion: 94 Resp: 118977
Ion Ratio Lower Upper
94 100
96 91.5 77.6 116.4



#6
Chloroethane
Concen: 47.775 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD073317.D
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Tgt Ion: 64 Resp: 108551
Ion Ratio Lower Upper
64 100
66 35.2 25.9 38.9

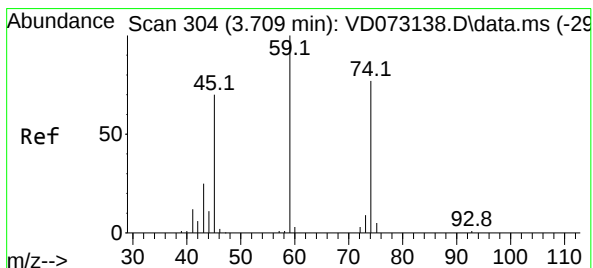
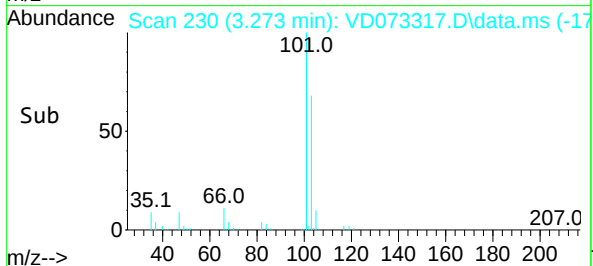
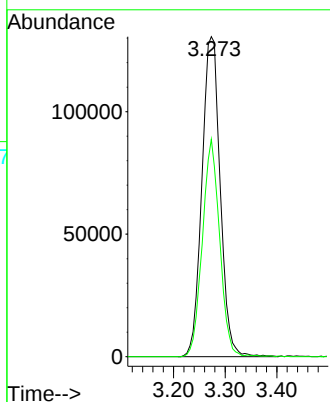
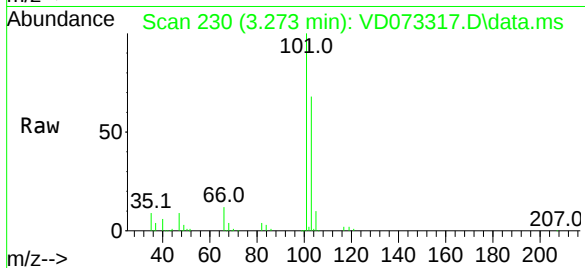




#7
 Trichlorofluoromethane
 Concen: 49.088 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073317.D
 Acq: 24 May 2022 11:06

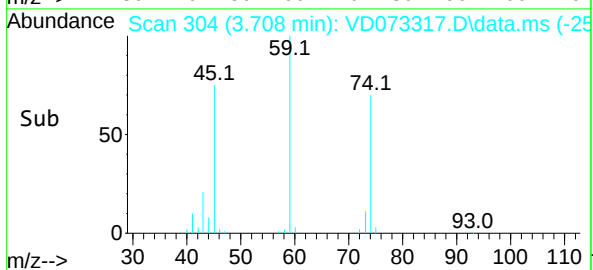
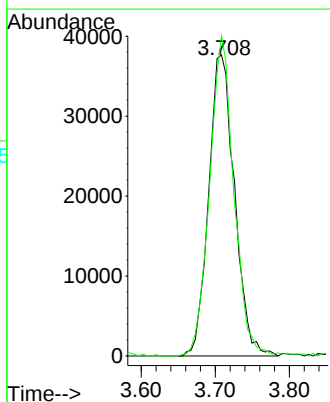
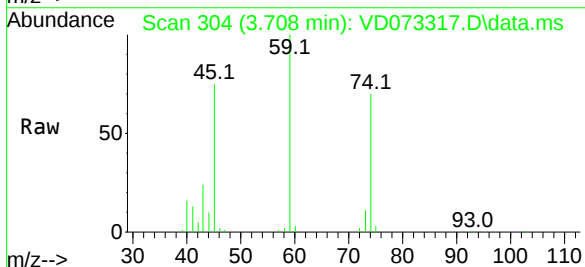
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 320810
 Ion Ratio Lower Upper
 101 100
 103 68.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 50.830 ug/l
 RT: 3.708 min Scan# 304
 Delta R.T. -0.001 min
 Lab File: VD073317.D
 Acq: 24 May 2022 11:06

Tgt Ion: 74 Resp: 91283
 Ion Ratio Lower Upper
 74 100
 45 99.8 52.6 157.8

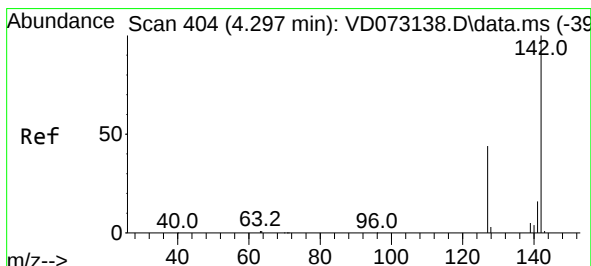
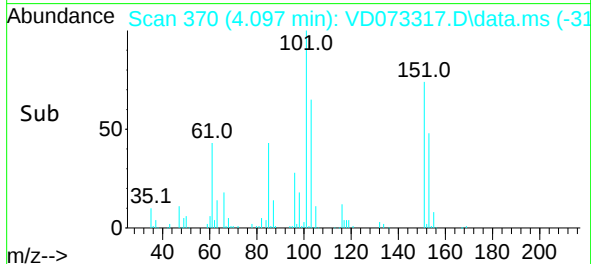
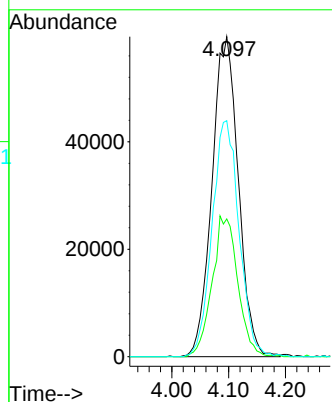
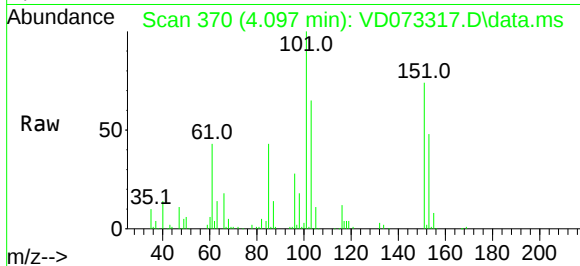




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.305 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

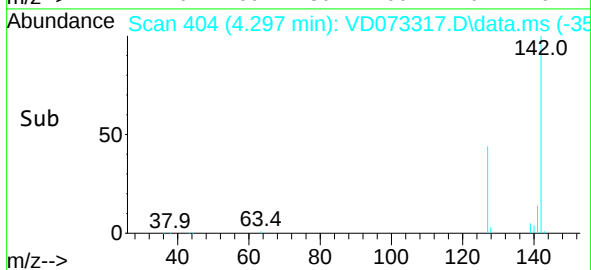
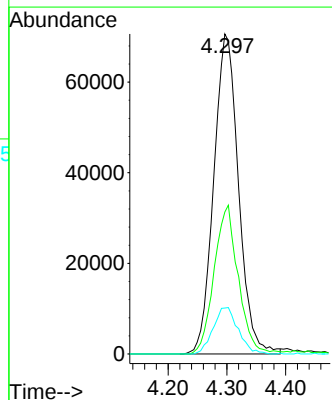
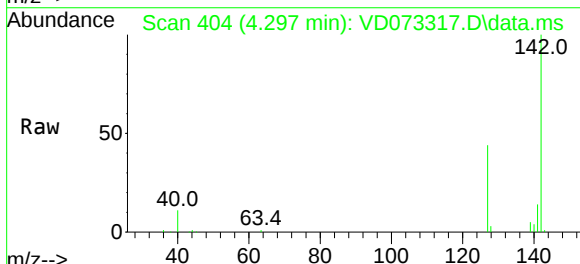
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

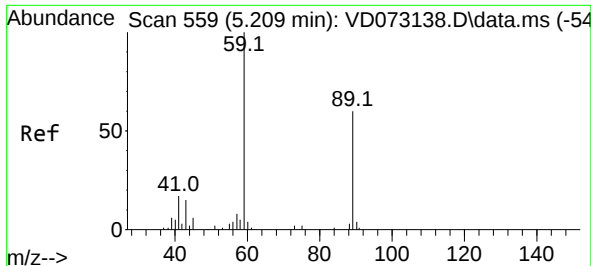
Tgt Ion:101 Resp: 192263
Ion Ratio Lower Upper
101 100
85 42.7 36.4 54.6
151 75.4 57.3 85.9



#10
Methyl Iodide
Concen: 49.179 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

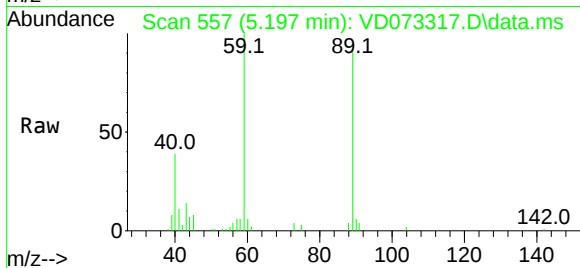
Tgt Ion:142 Resp: 206901
Ion Ratio Lower Upper
142 100
127 45.3 37.3 55.9
141 14.7 11.7 17.5



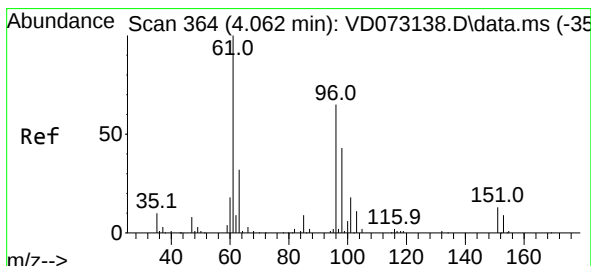
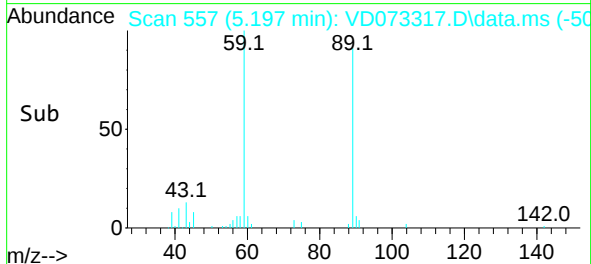
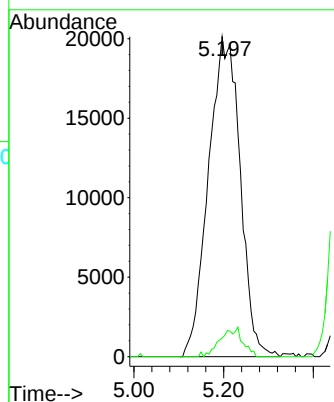


#11
Tert butyl alcohol
Concen: 161.104 ug/l
RT: 5.197 min Scan# 511
Delta R.T. -0.012 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

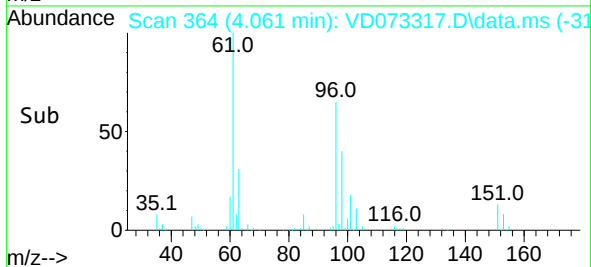
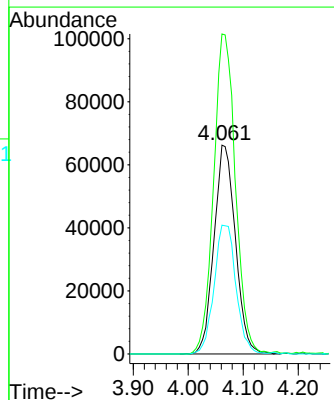
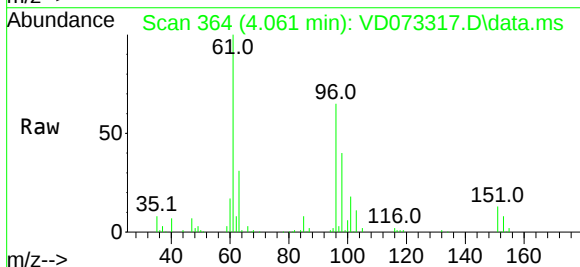


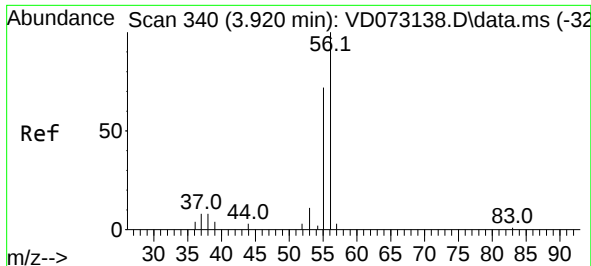
Tgt Ion: 59 Resp: 98818
Ion Ratio Lower Upper
59 100
57 3.8 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 49.929 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 96 Resp: 179502
Ion Ratio Lower Upper
96 100
61 153.3 138.5 207.7
98 61.7 48.6 73.0

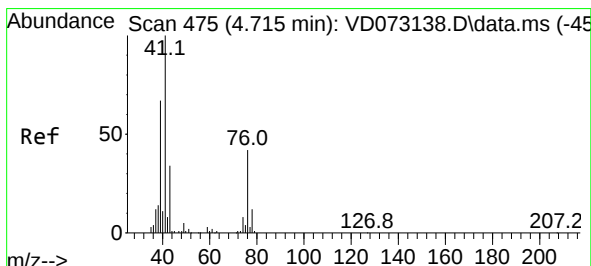
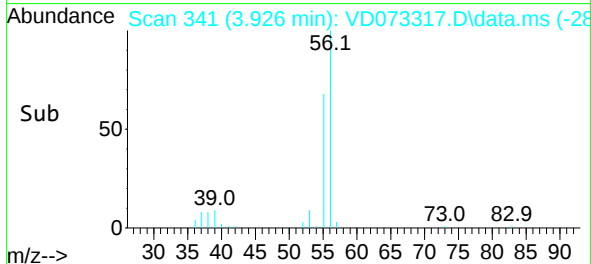
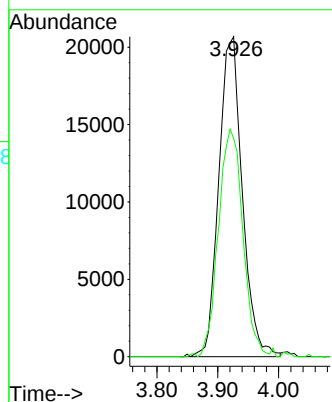
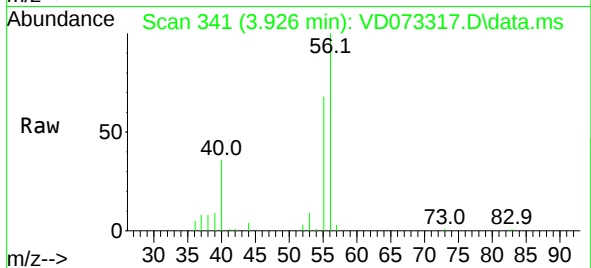




#13
Acrolein
Concen: 227.277 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

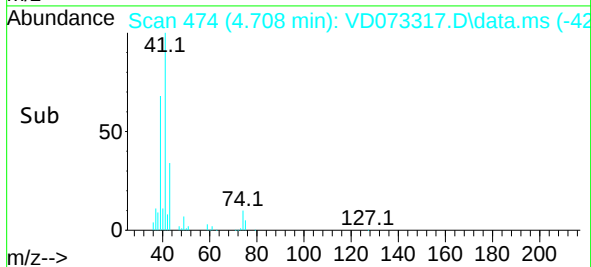
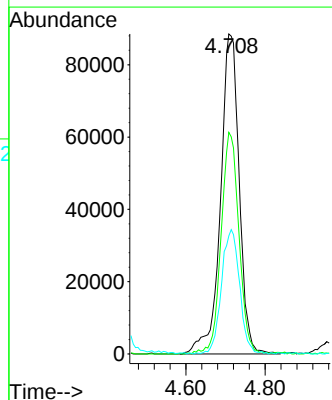
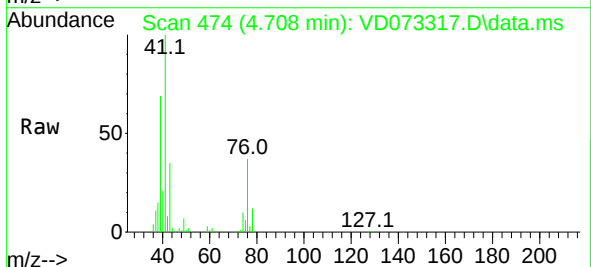
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

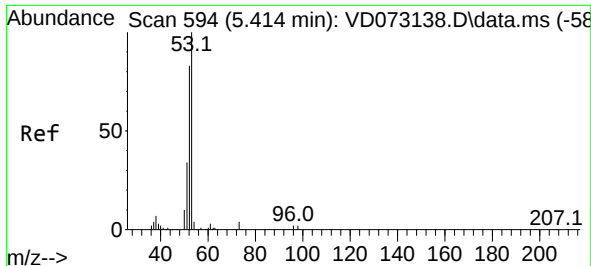
Tgt Ion: 56 Resp: 55444
Ion Ratio Lower Upper
56 100
55 74.3 57.1 85.7



#14
Allyl chloride
Concen: 50.038 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.007 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 41 Resp: 290377
Ion Ratio Lower Upper
41 100
39 66.0 59.3 88.9
76 37.7 25.7 38.5



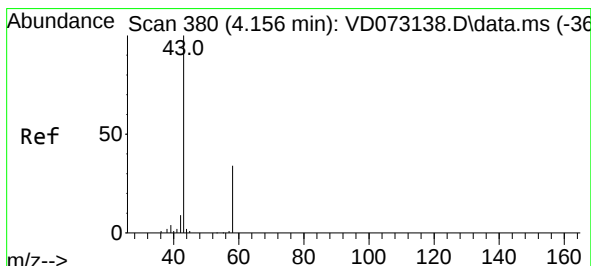
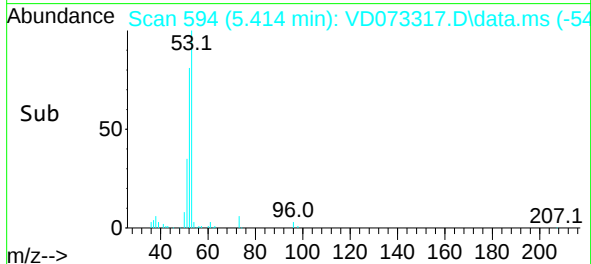
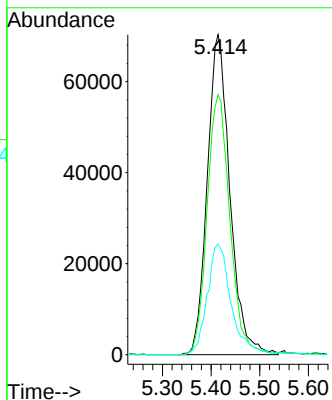
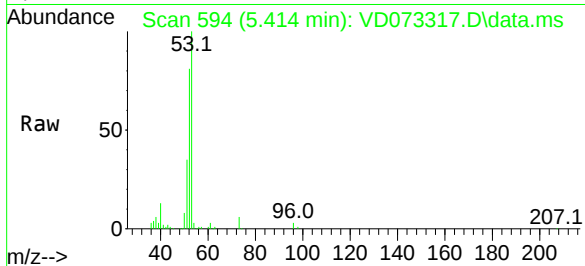


#15
Acrylonitrile
Concen: 276.399 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 226978

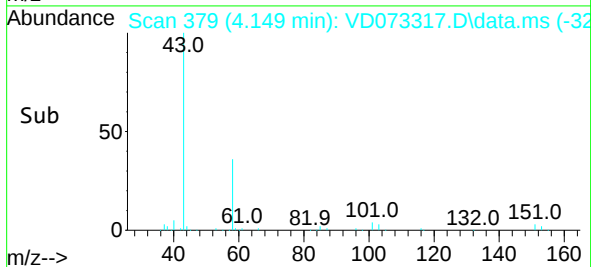
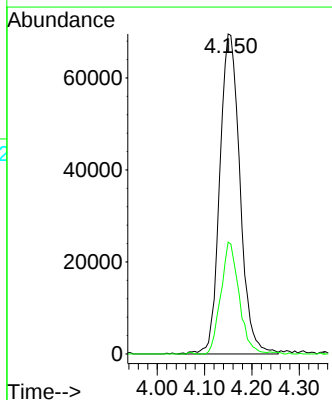
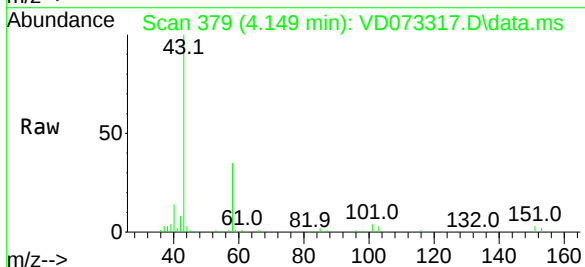
Ion	Ratio	Lower	Upper
53	100		
52	81.8	67.2	100.8
51	36.3	30.3	45.5

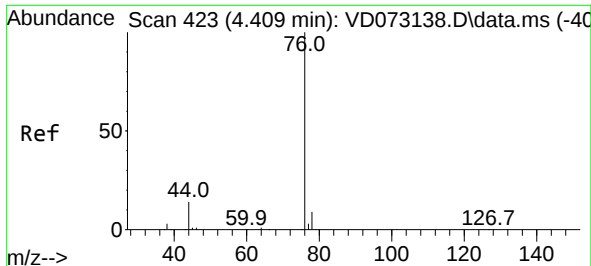


#16
Acetone
Concen: 301.293 ug/l
RT: 4.149 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 43 Resp: 206320

Ion	Ratio	Lower	Upper
43	100		
58	35.0	22.1	33.1

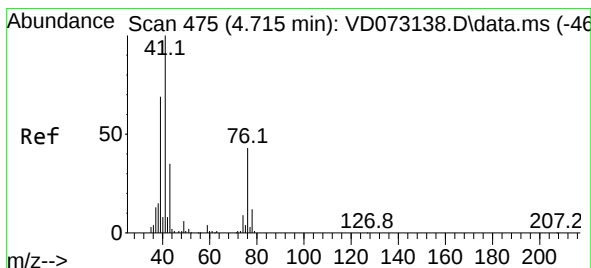
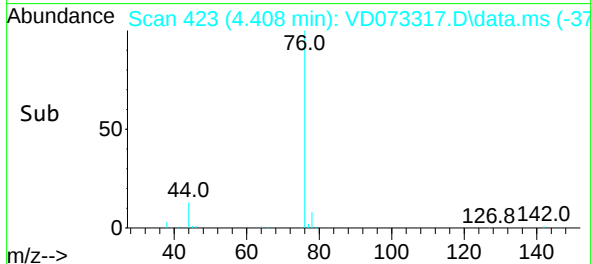
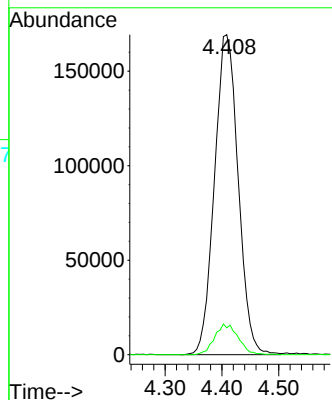
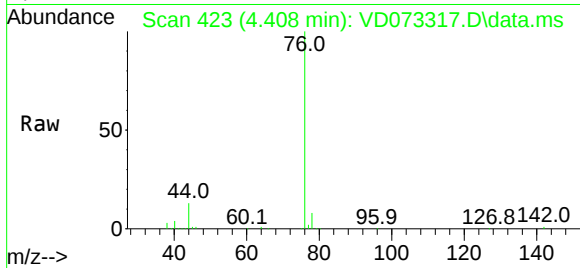




#17
Carbon Disulfide
Concen: 41.213 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

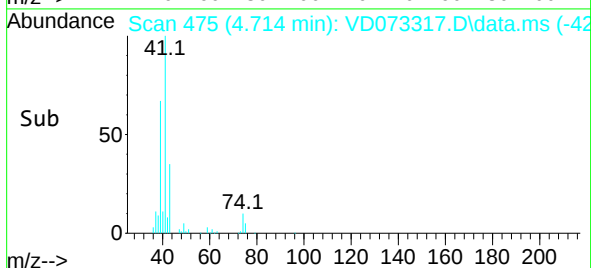
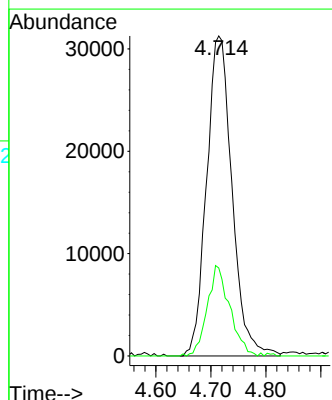
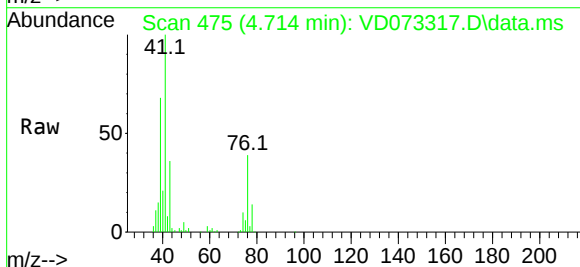
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

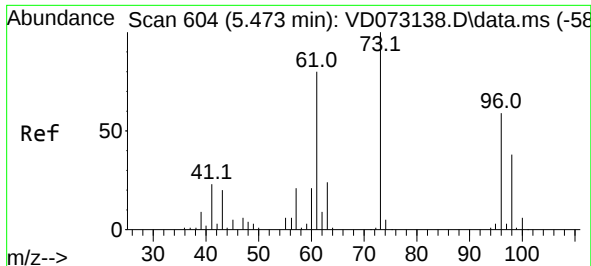
Tgt Ion: 76 Resp: 491175
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 52.759 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 43 Resp: 100463
Ion Ratio Lower Upper
43 100
74 25.0 16.7 25.1

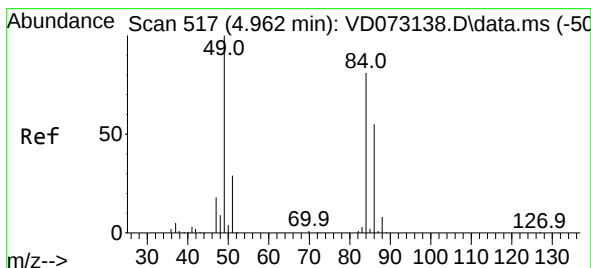
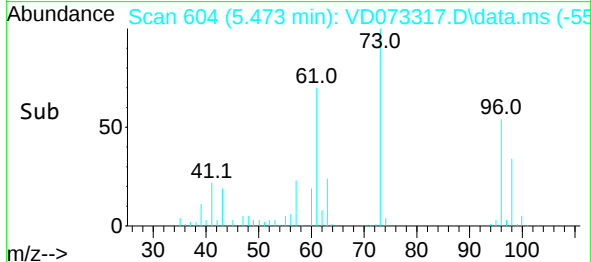
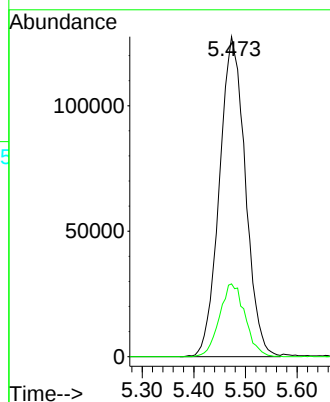
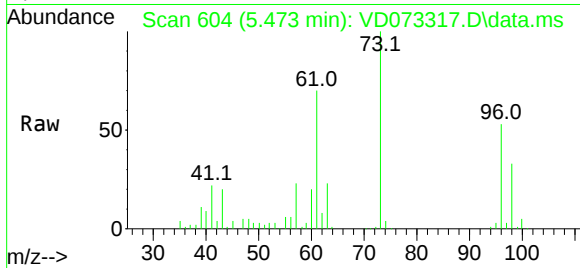




#19
Methyl tert-butyl Ether
Concen: 54.233 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

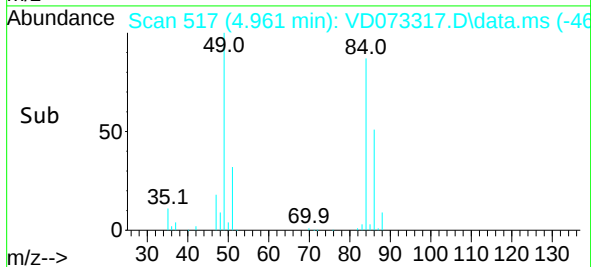
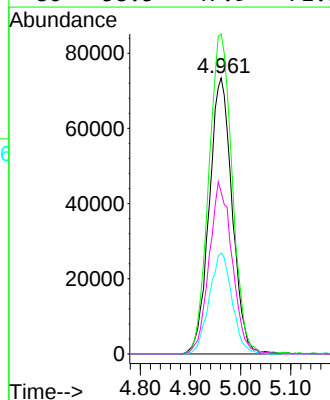
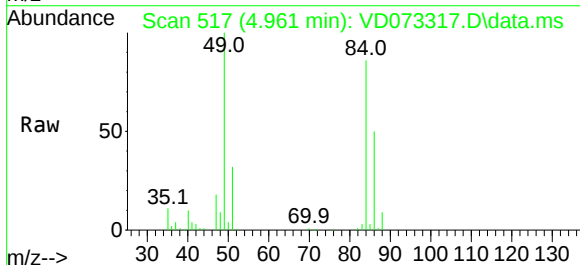
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

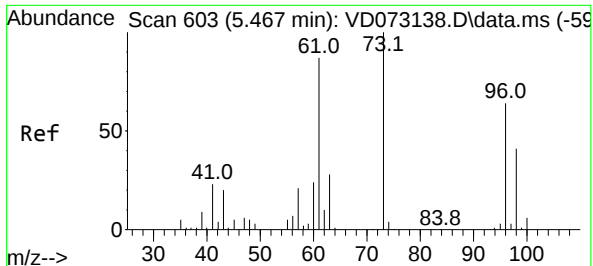
Tgt Ion: 73 Resp: 444183
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0



#20
Methylene Chloride
Concen: 54.162 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 84 Resp: 233807
Ion Ratio Lower Upper
84 100
49 115.9 112.8 169.2
51 36.6 32.6 48.8
86 58.5 47.9 71.9

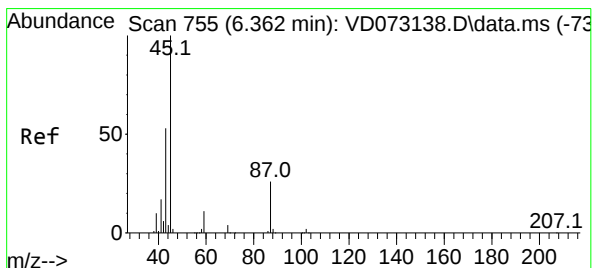
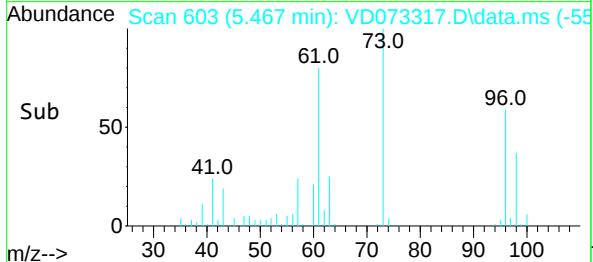
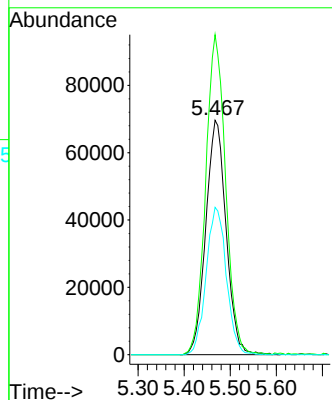
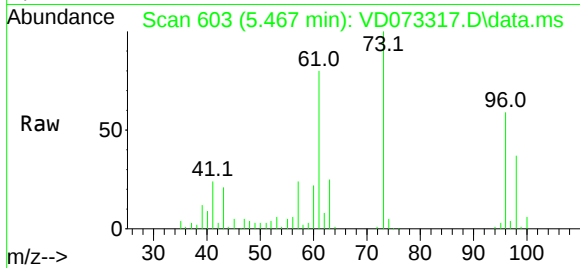




#21
trans-1,2-Dichloroethene
Concen: 49.128 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

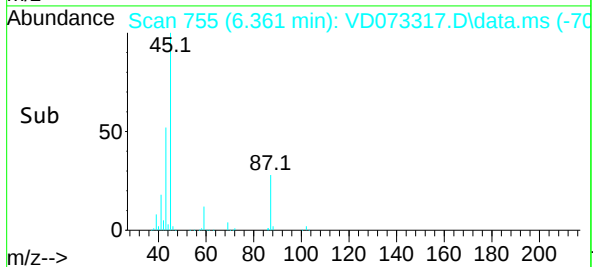
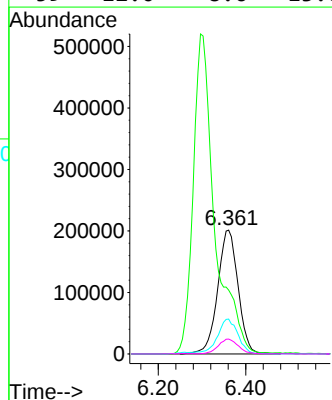
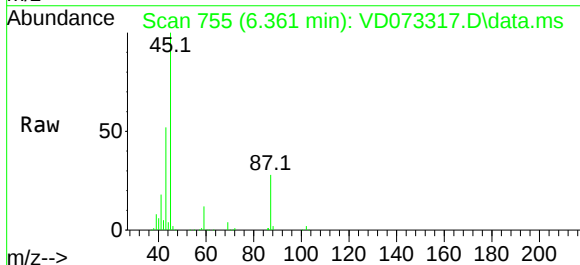
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 213553
Ion Ratio Lower Upper
96 100
61 136.5 117.9 176.9
98 62.9 49.4 74.2



#22
Diisopropyl ether
Concen: 53.546 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 45 Resp: 651392
Ion Ratio Lower Upper
45 100
43 50.6 46.6 70.0
87 28.0 18.4 27.6#
59 12.0 8.6 13.0

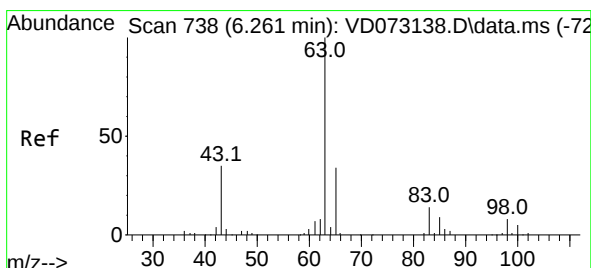
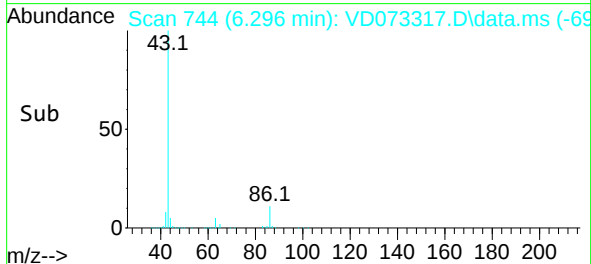
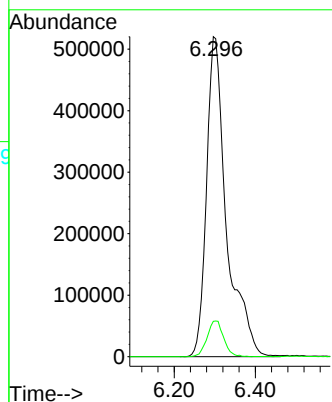
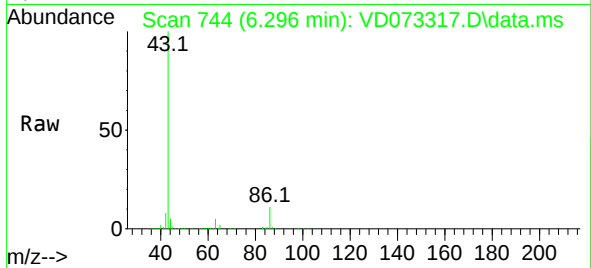




#23
 Vinyl Acetate
 Concen: 273.703 ug/l
 RT: 6.296 min Scan# 744
 Delta R.T. -0.001 min
 Lab File: VD073317.D
 Acq: 24 May 2022 11:06

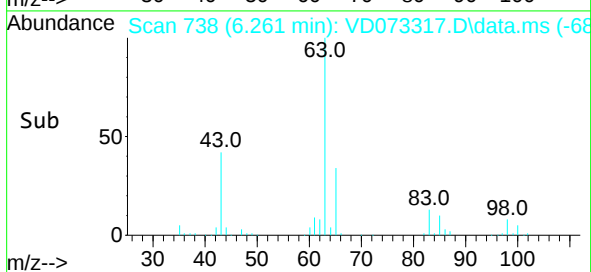
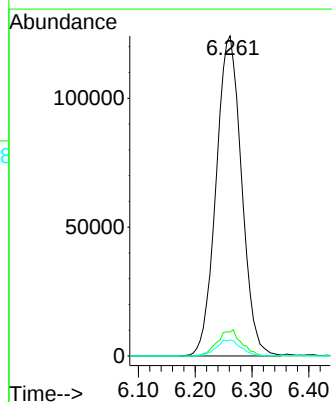
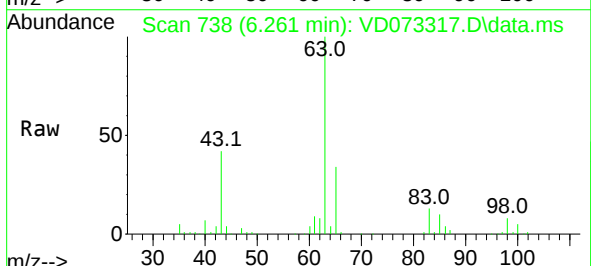
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1776021
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.584 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073317.D
 Acq: 24 May 2022 11:06

Tgt Ion: 63 Resp: 387178
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 5.0 2.1 6.5

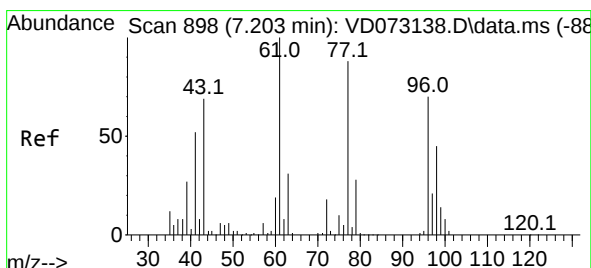
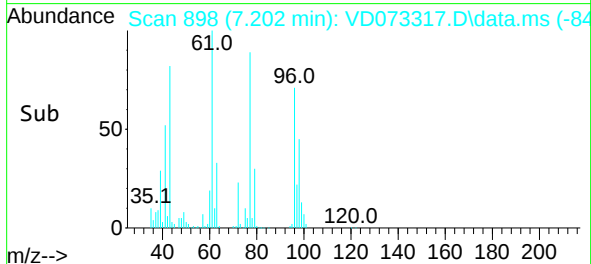
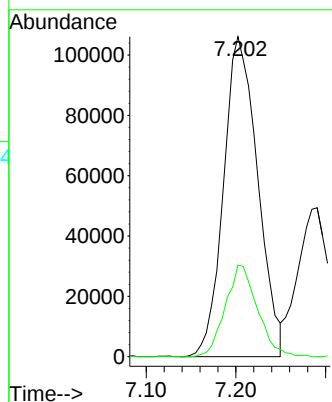
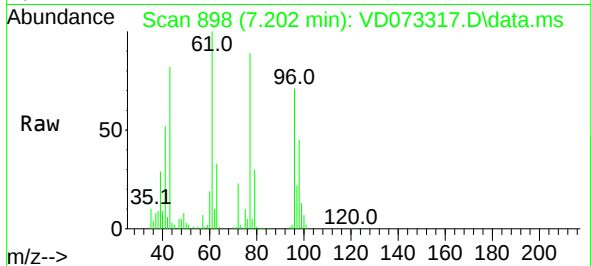




#25
2-Butanone
Concen: 279.875 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

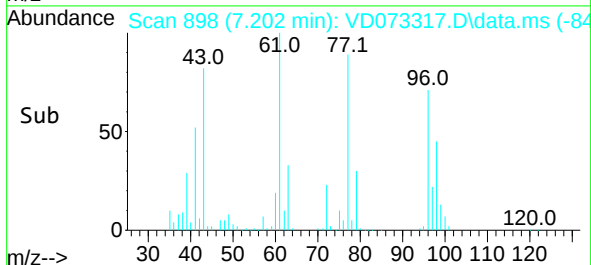
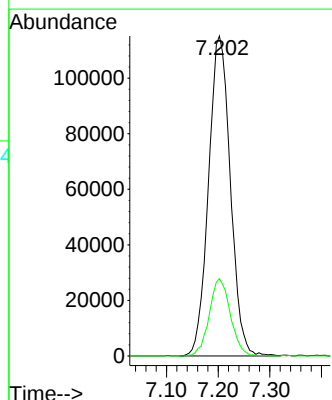
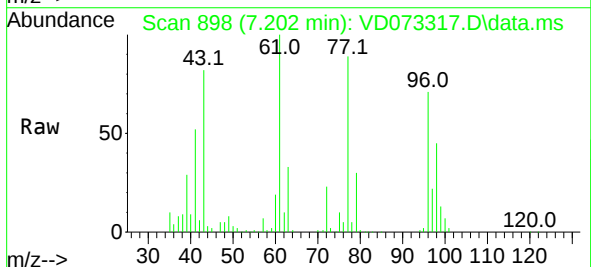
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

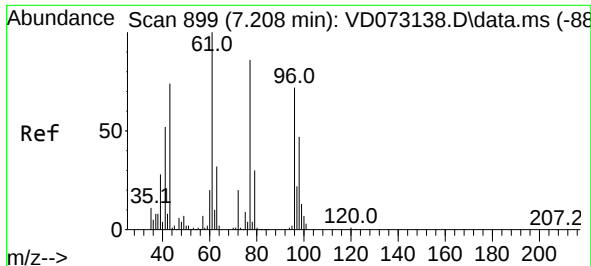
Tgt Ion: 43 Resp: 280396
Ion Ratio Lower Upper
43 100
72 28.6 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 50.741 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 77 Resp: 337892
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.4

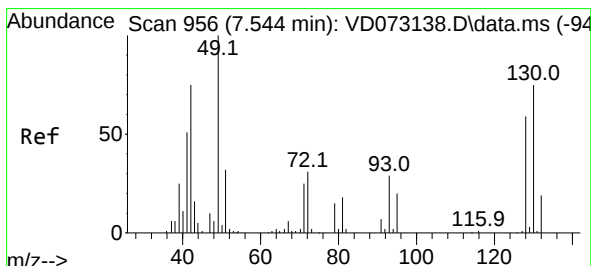
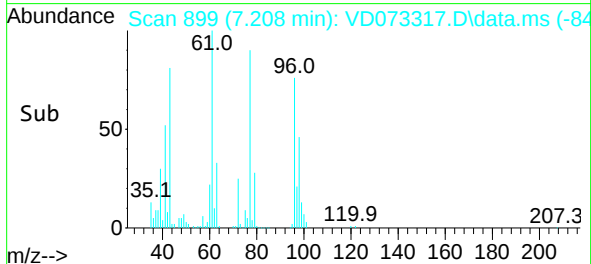
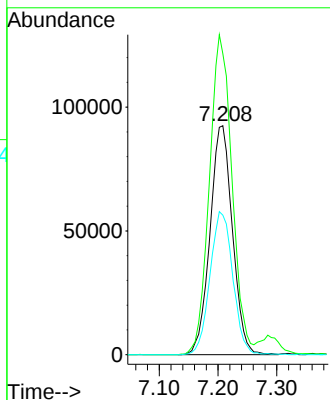
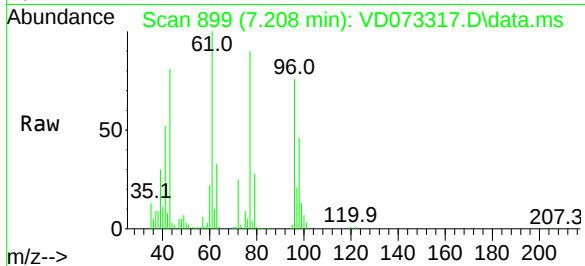




#27
 cis-1,2-Dichloroethene
 Concen: 51.159 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073317.D
 Acq: 24 May 2022 11:06

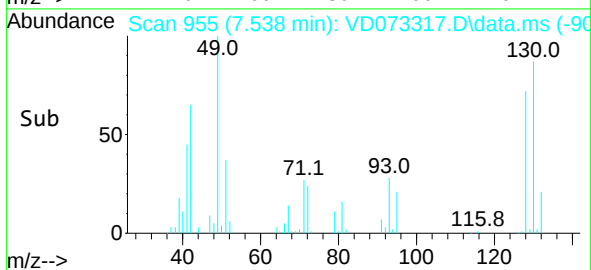
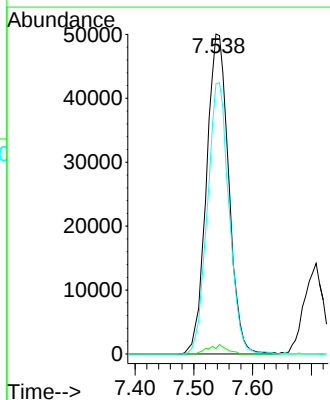
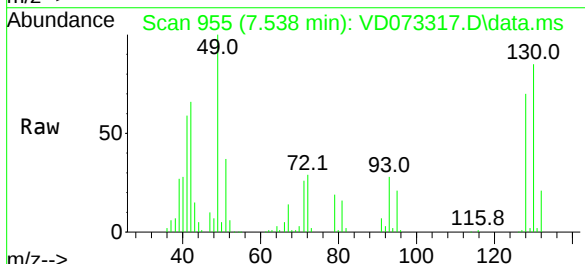
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

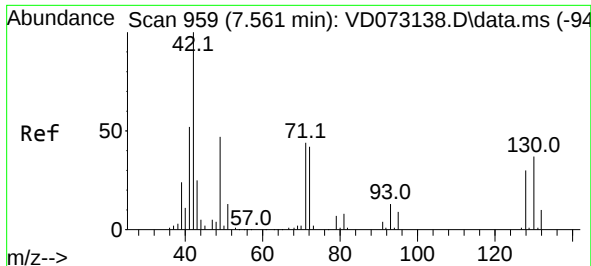
Tgt Ion: 96 Resp: 246065
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 313.8
 98 63.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 48.737 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073317.D
 Acq: 24 May 2022 11:06

Tgt Ion: 49 Resp: 131108
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 82.5 52.6 79.0#





#29

Tetrahydrofuran

Concen: 276.574 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

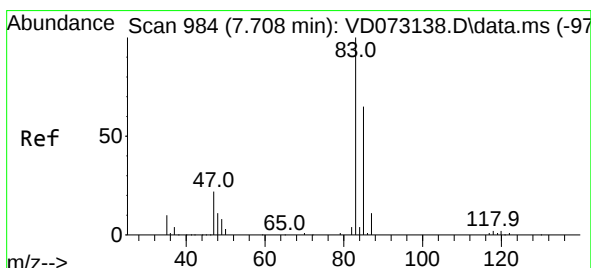
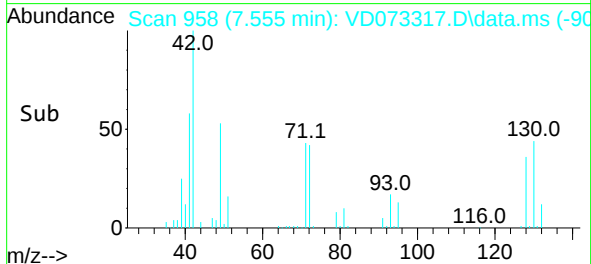
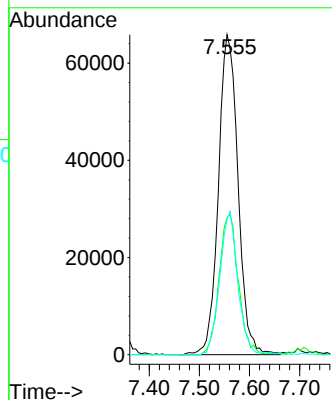
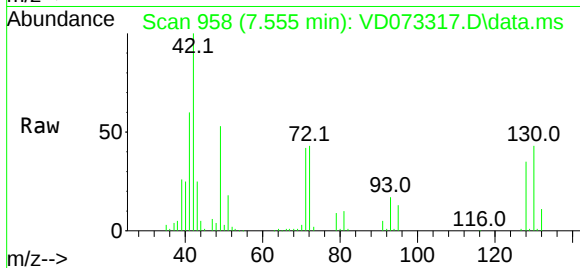
Tgt Ion: 42 Resp: 179170

Ion Ratio Lower Upper

42 100

72 42.7 30.7 46.1

71 41.1 28.6 43.0



#30

Chloroform

Concen: 50.697 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073317.D

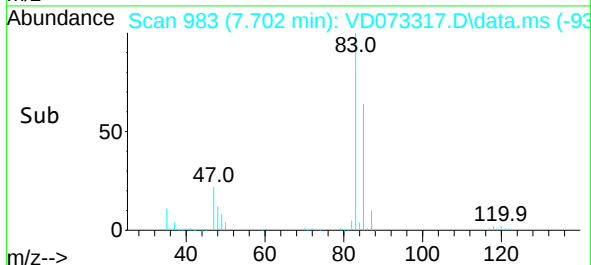
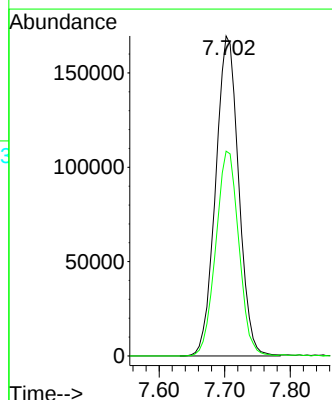
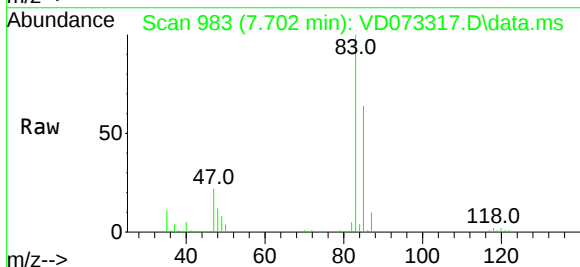
Acq: 24 May 2022 11:06

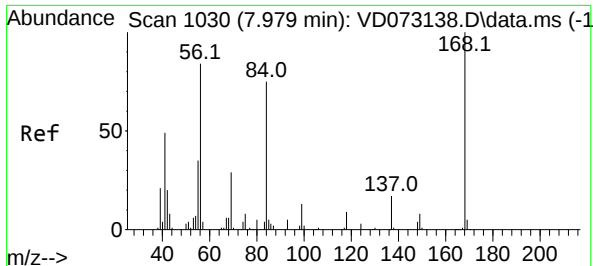
Tgt Ion: 83 Resp: 413285

Ion Ratio Lower Upper

83 100

85 64.0 52.7 79.1

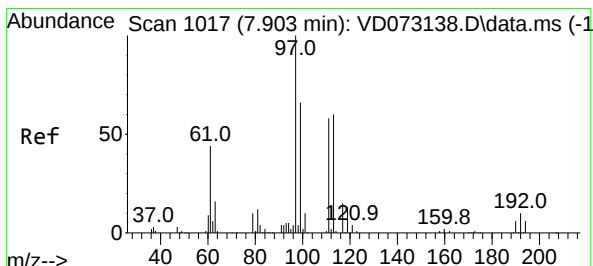
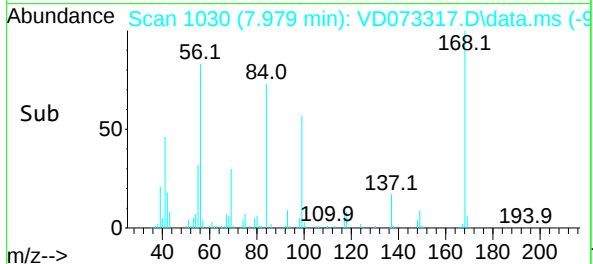
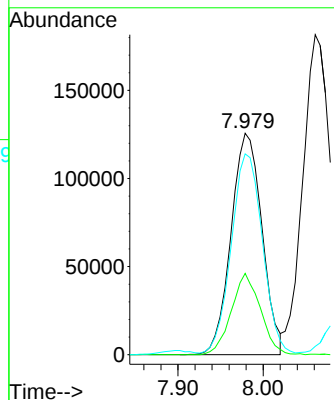
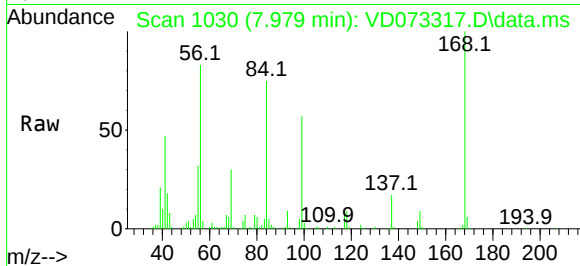




#31
Cyclohexane
Concen: 45.952 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

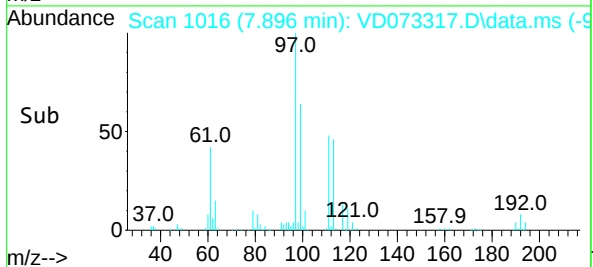
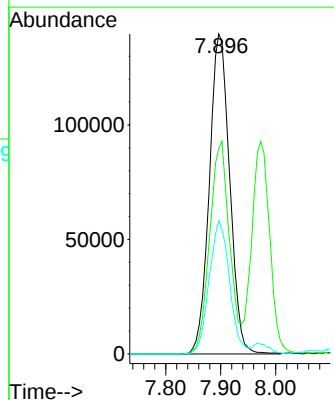
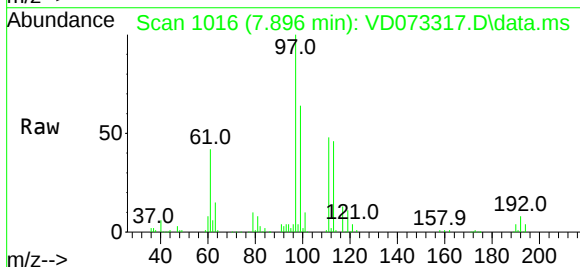
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

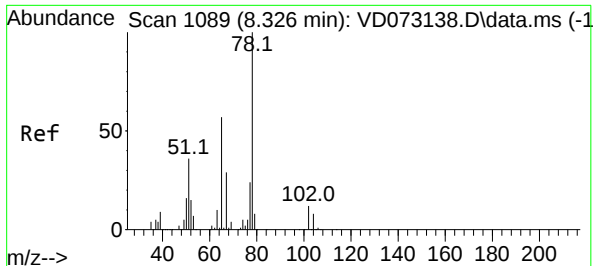
Tgt Ion: 56 Resp: 317472
Ion Ratio Lower Upper
56 100
69 36.7 25.4 38.2
84 88.8 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 50.382 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. -0.007 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 97 Resp: 359217
Ion Ratio Lower Upper
97 100
99 65.0 52.4 78.6
61 41.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 51.365 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

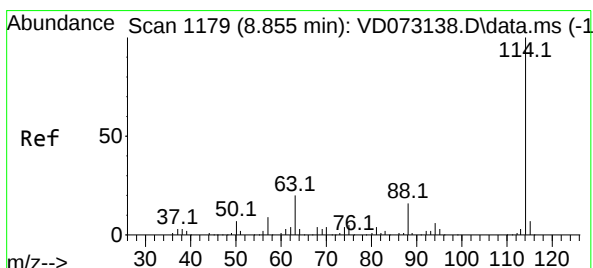
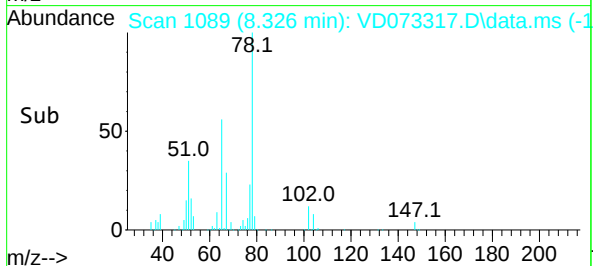
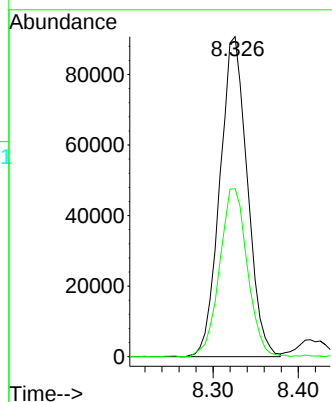
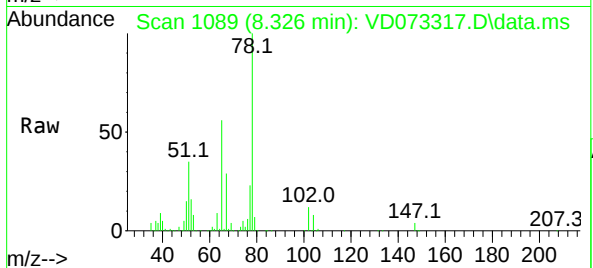
VSTDCCC050

Tgt Ion: 65 Resp: 203068

Ion Ratio Lower Upper

65 100

67 53.1 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: VD073317.D

Acq: 24 May 2022 11:06

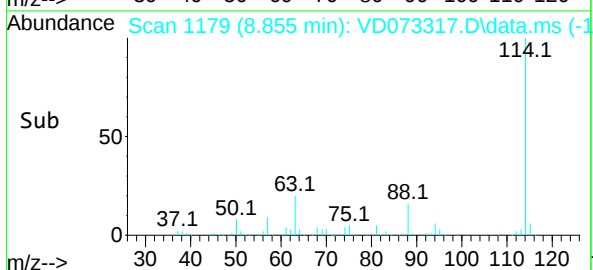
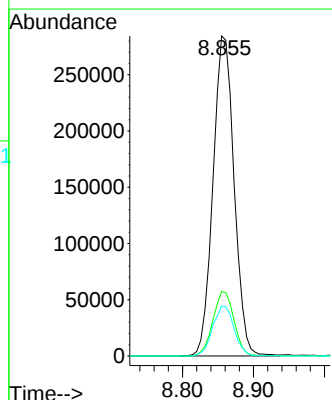
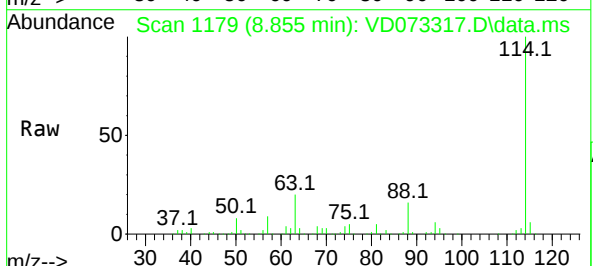
Tgt Ion: 114 Resp: 586202

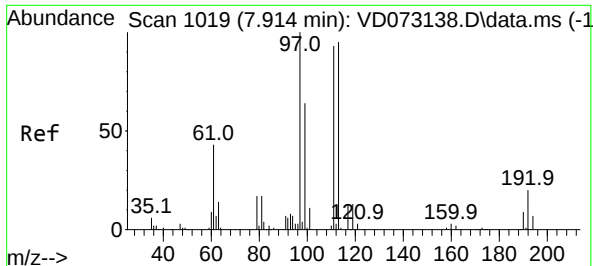
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.710 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

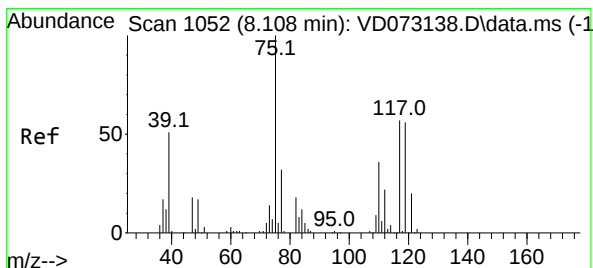
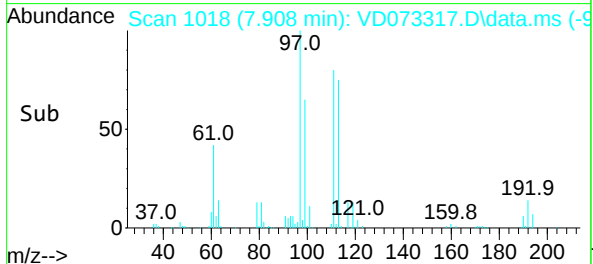
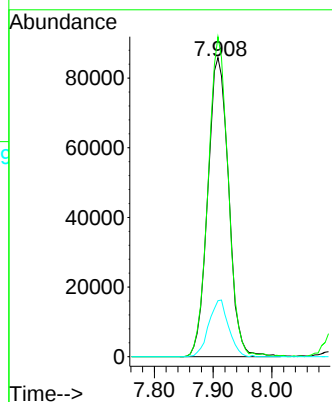
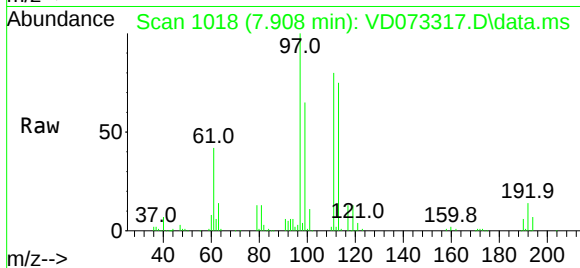
Tgt Ion:113 Resp: 211628

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 51.598 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

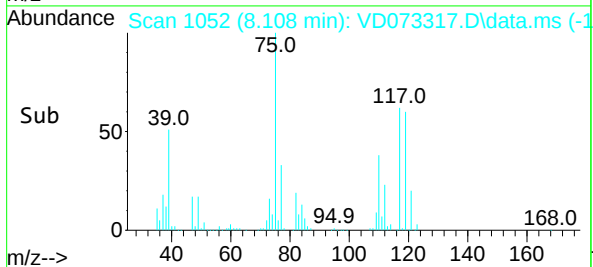
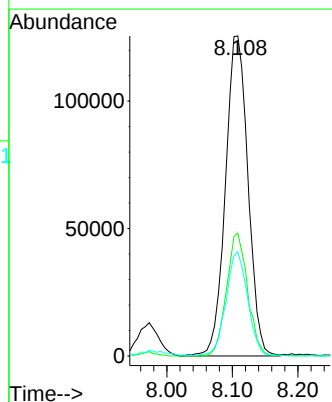
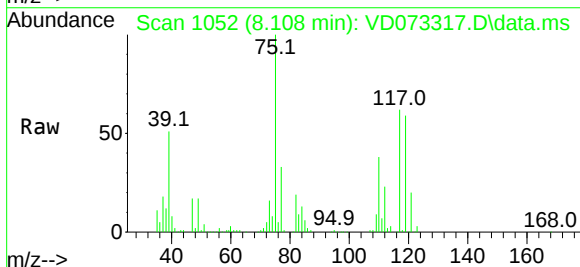
Tgt Ion: 75 Resp: 300180

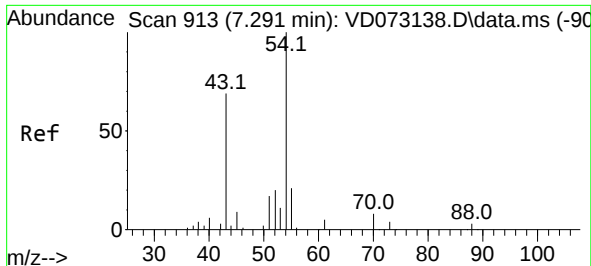
Ion Ratio Lower Upper

75 100

110 36.0 16.4 49.1

77 31.3 24.2 36.2





#37

Ethyl Acetate

Concen: 55.121 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

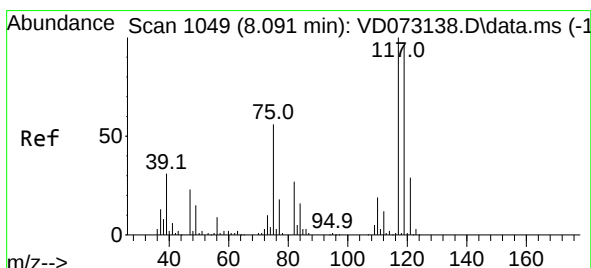
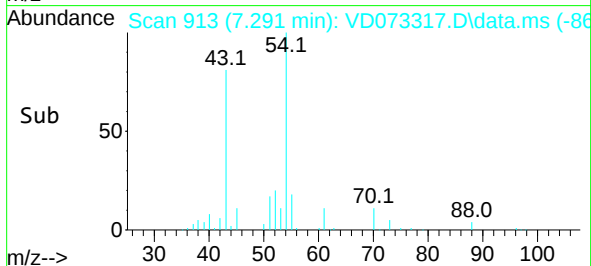
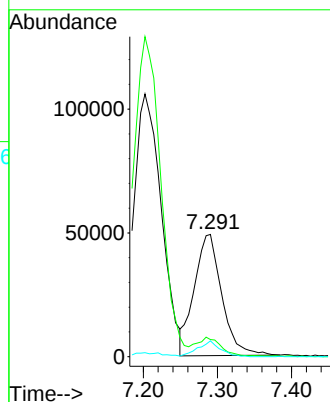
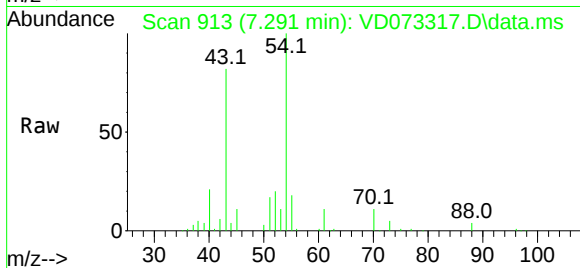
Tgt Ion: 43 Resp: 126664

Ion Ratio Lower Upper

43 100

61 13.3 9.8 14.8

70 10.5 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 53.262 ug/l

RT: 8.090 min Scan# 1049

Delta R.T. -0.001 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

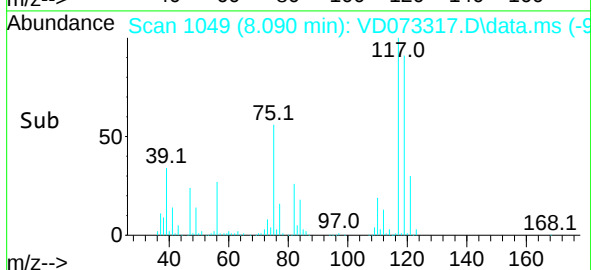
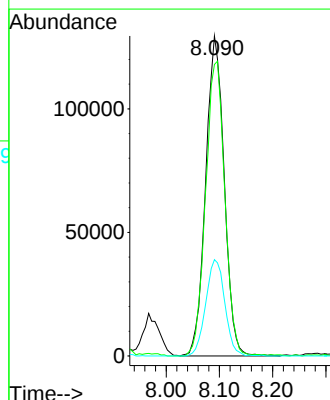
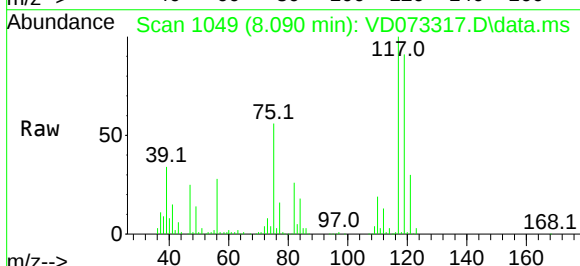
Tgt Ion: 117 Resp: 314094

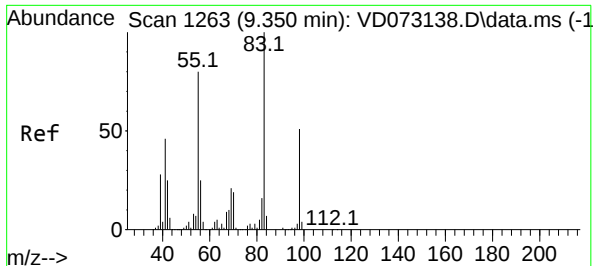
Ion Ratio Lower Upper

117 100

119 91.1 75.8 113.6

121 30.1 24.5 36.7





#39

Methylcyclohexane

Concen: 52.736 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

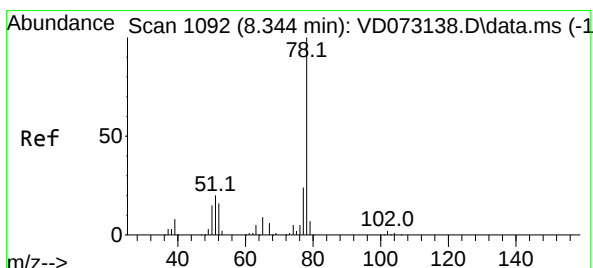
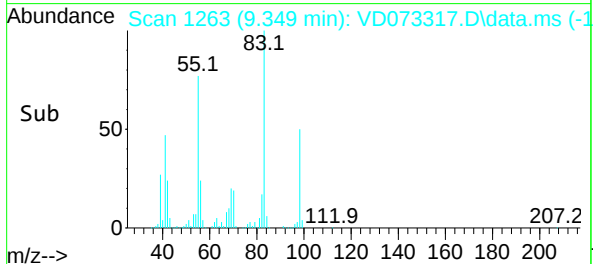
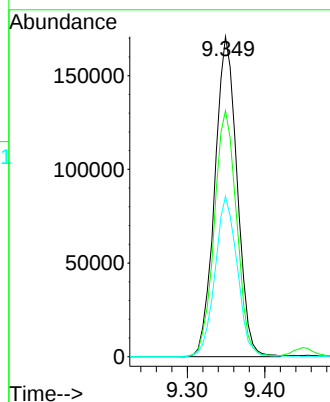
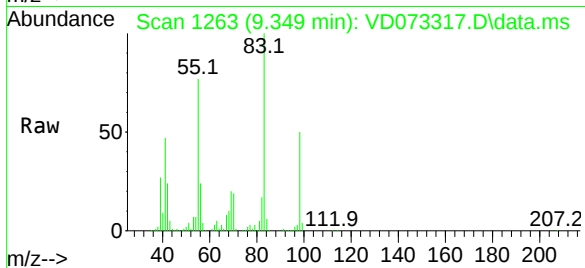
Tgt Ion: 83 Resp: 341911

Ion Ratio Lower Upper

83 100

55 76.9 63.2 94.8

98 50.1 38.2 57.4



#40

Benzene

Concen: 51.971 ug/l

RT: 8.343 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VD073317.D

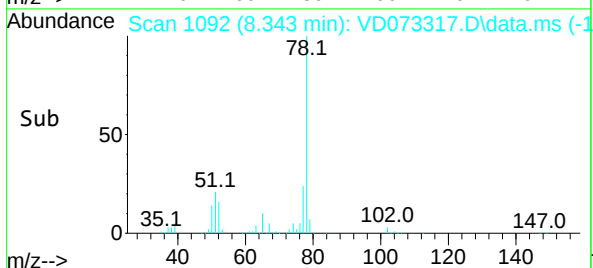
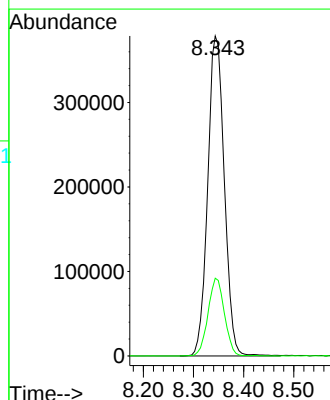
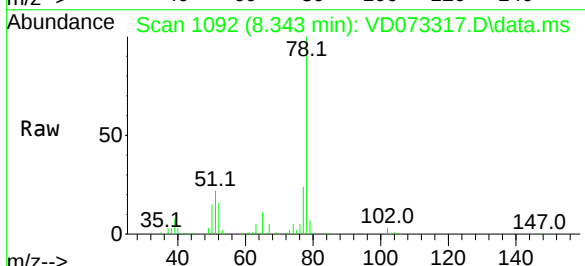
Acq: 24 May 2022 11:06

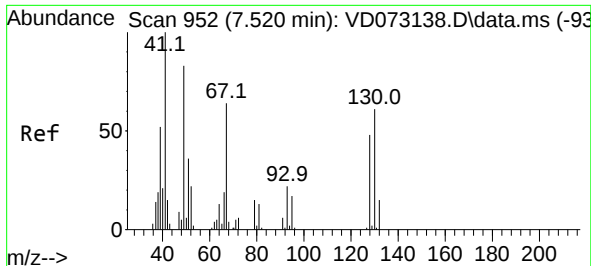
Tgt Ion: 78 Resp: 871365

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

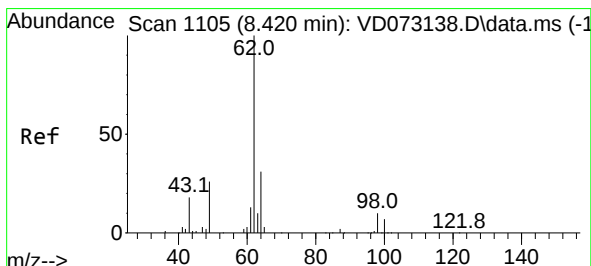
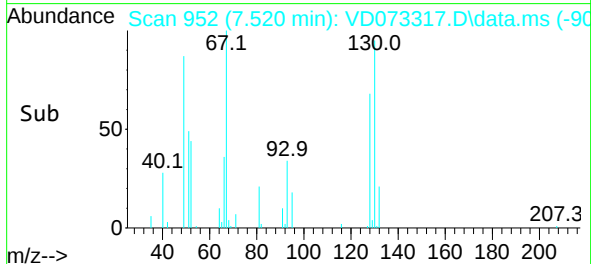
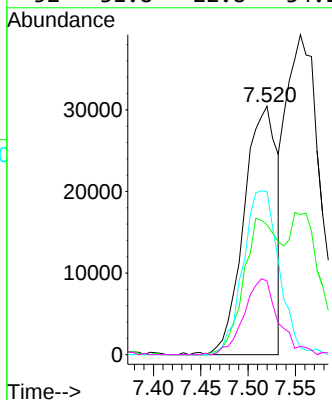
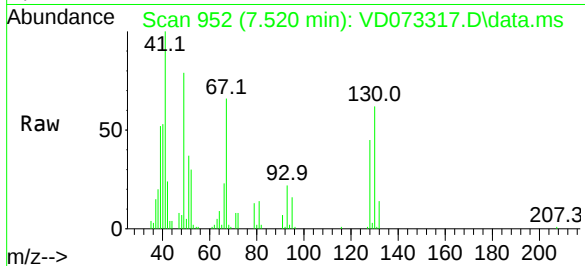




#41
Methacrylonitrile
Concen: 54.980 ug/l
RT: 7.520 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

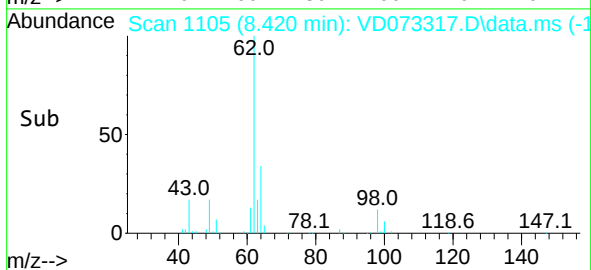
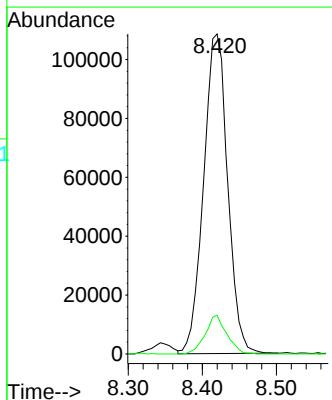
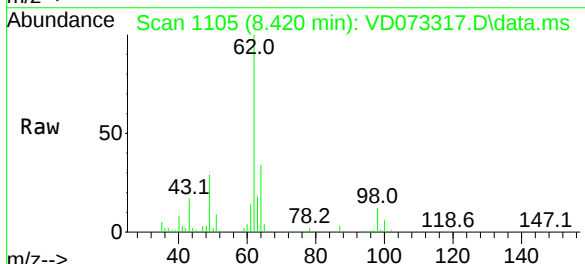
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	73610
Ion	Ratio	Lower	Upper
41	100		
39	61.2	44.6	67.0
67	72.2	48.2	72.4
52	31.8	22.8	34.2



#42
1,2-Dichloroethane
Concen: 52.445 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion:	62	Resp:	244667
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	17.6

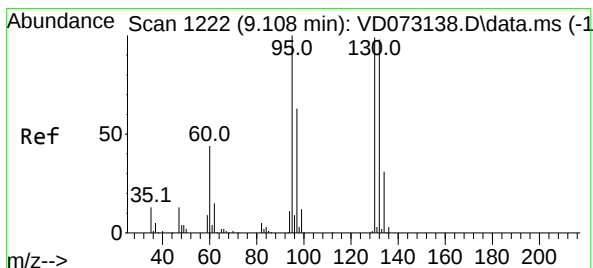
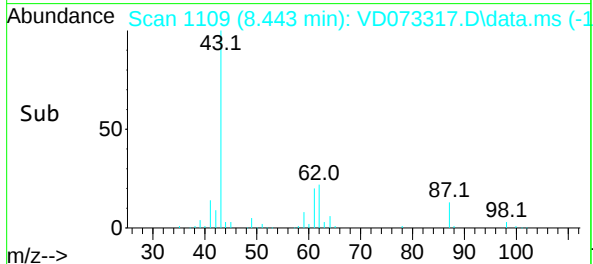
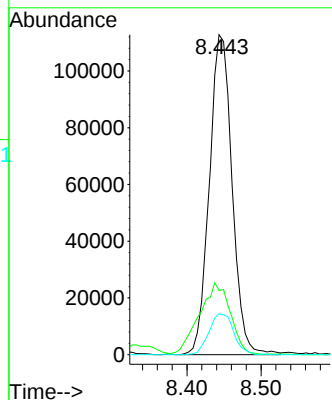
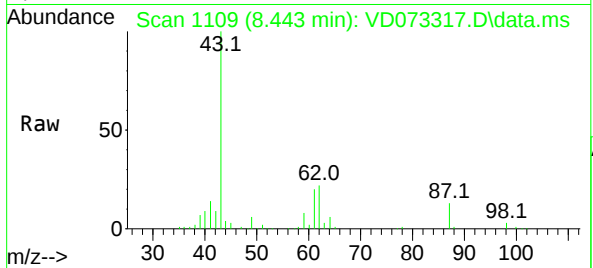




#43
Isopropyl Acetate
Concen: 56.660 ug/l
RT: 8.443 min Scan# 1109
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

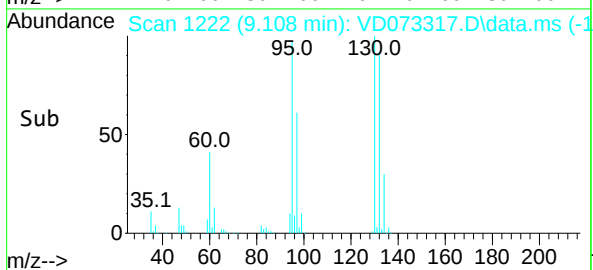
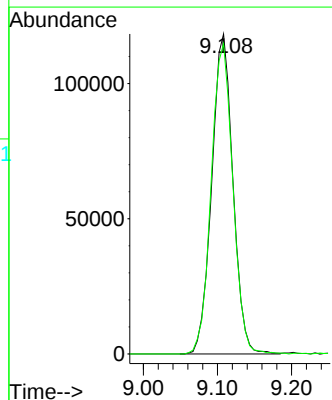
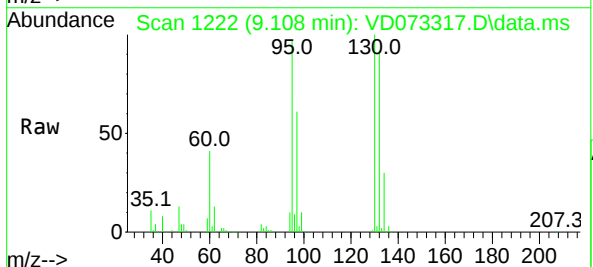
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

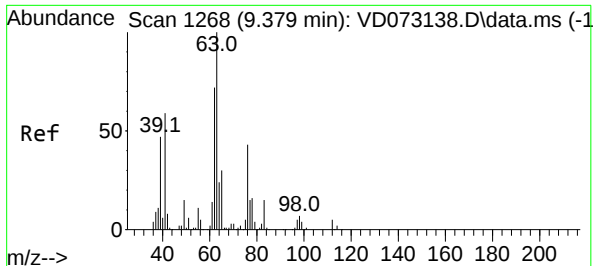
Tgt Ion: 43 Resp: 240658
Ion Ratio Lower Upper
43 100
61 30.7 22.4 33.6
87 13.9 8.7 13.1#



#44
Trichloroethene
Concen: 52.482 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion:130 Resp: 234650
Ion Ratio Lower Upper
130 100
95 96.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 53.120 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

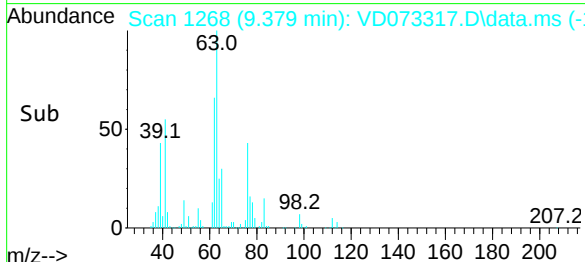
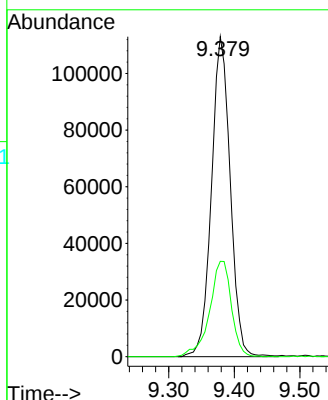
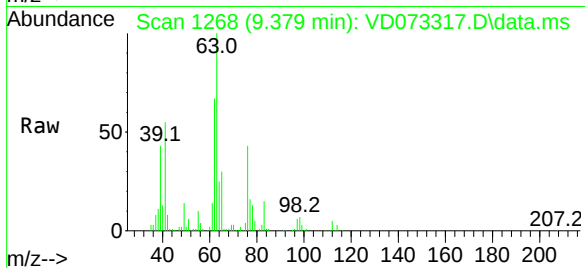
VSTDCCC050

Tgt Ion: 63 Resp: 224296

Ion Ratio Lower Upper

63 100

65 29.8 26.2 39.4



#46

Dibromomethane

Concen: 52.467 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

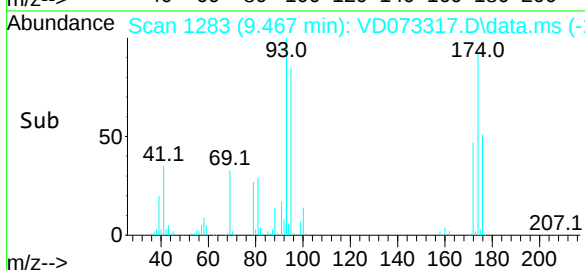
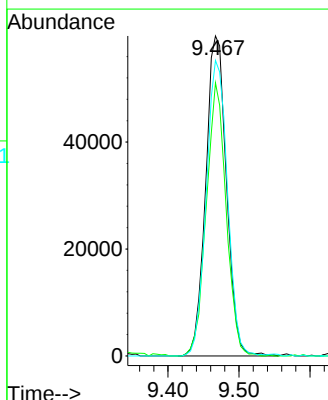
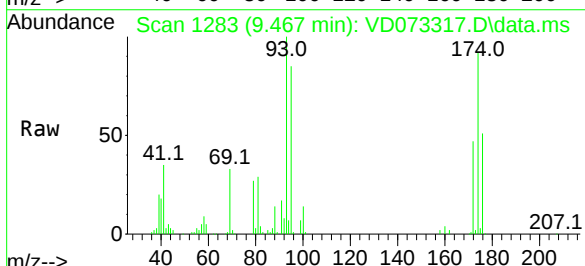
Tgt Ion: 93 Resp: 121672

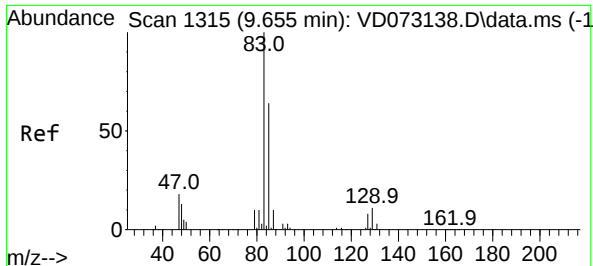
Ion Ratio Lower Upper

93 100

95 81.6 66.7 100.1

174 94.3 71.6 107.4





#47

Bromodichloromethane

Concen: 52.825 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

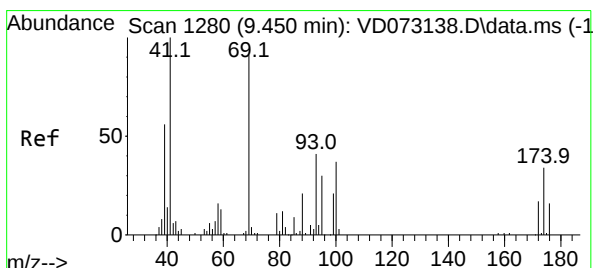
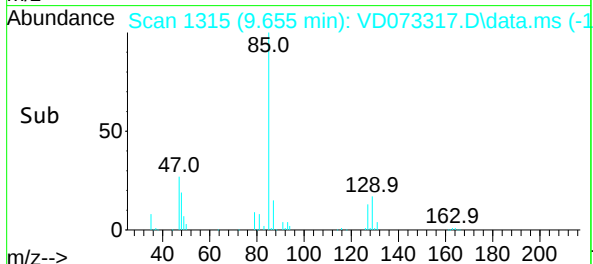
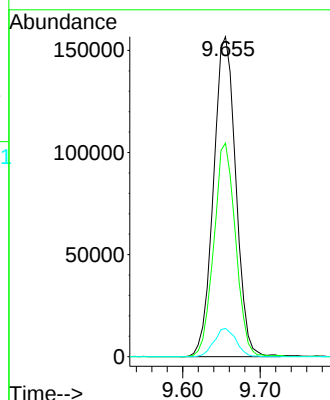
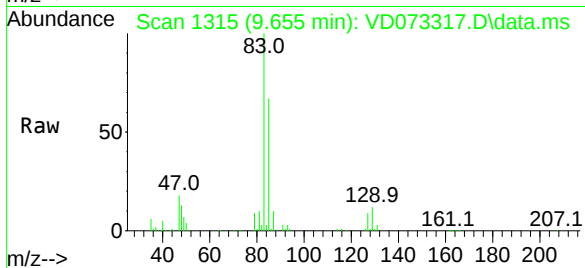
Tgt Ion: 83 Resp: 313449

Ion Ratio Lower Upper

83 100

85 66.8 51.4 77.0

127 8.9 6.1 9.1



#48

Methyl methacrylate

Concen: 56.521 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.001 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

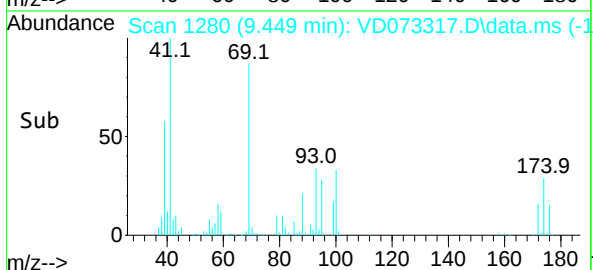
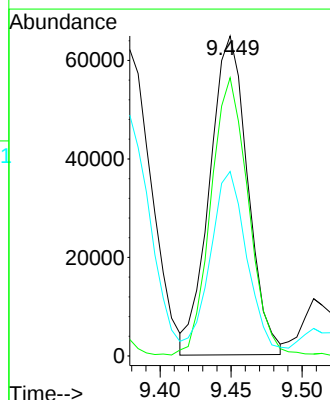
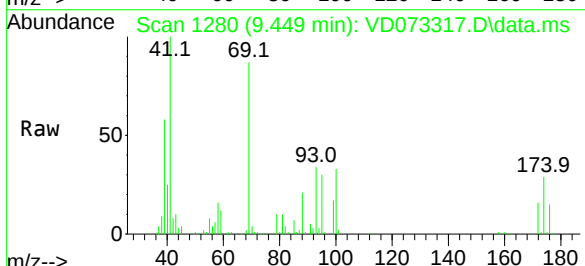
Tgt Ion: 41 Resp: 120781

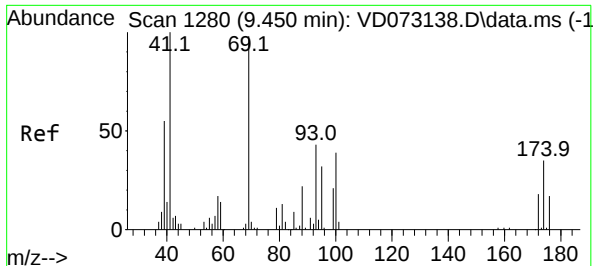
Ion Ratio Lower Upper

41 100

69 85.5 56.7 85.1#

39 51.2 42.7 64.1





#49

1,4-Dioxane

Concen: 1116.382 ug/l

RT: 9.449 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

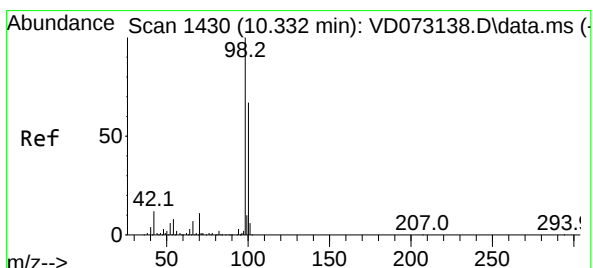
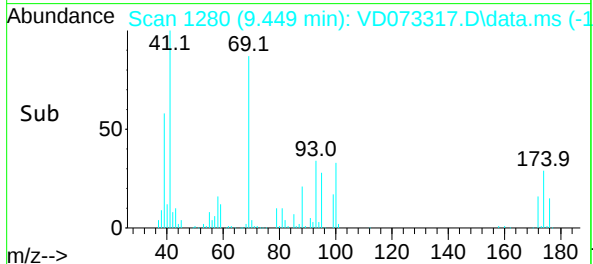
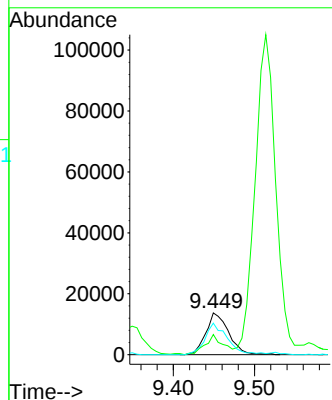
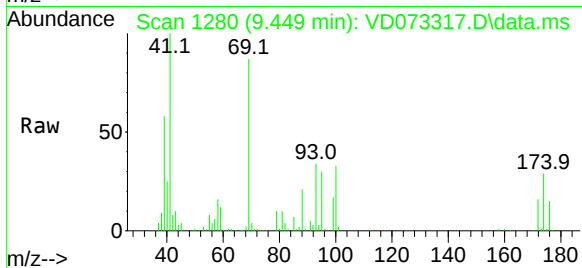
Tgt Ion: 88 Resp: 26736

Ion Ratio Lower Upper

88 100

43 37.7 31.0 46.4

58 74.3 58.1 87.1



#50

Toluene-d8

Concen: 55.198 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073317.D

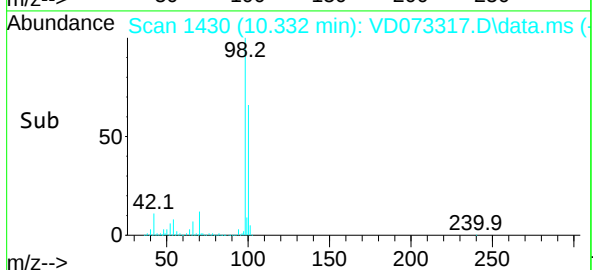
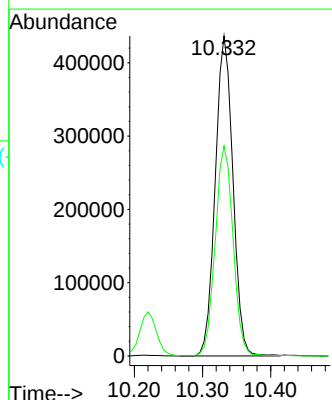
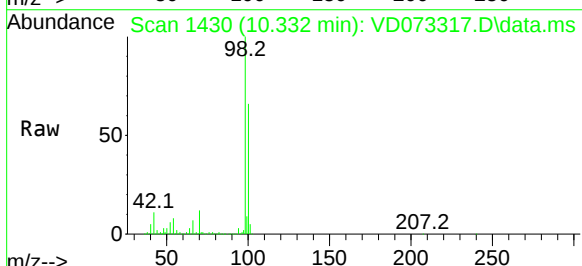
Acq: 24 May 2022 11:06

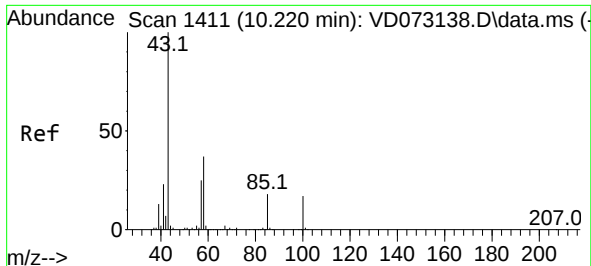
Tgt Ion: 98 Resp: 787068

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6

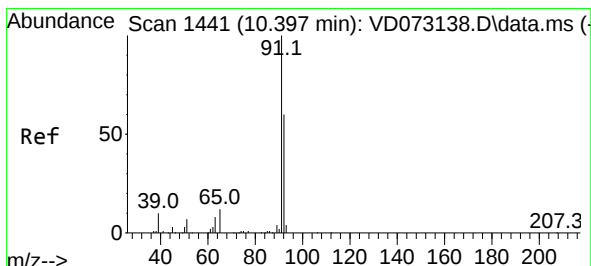
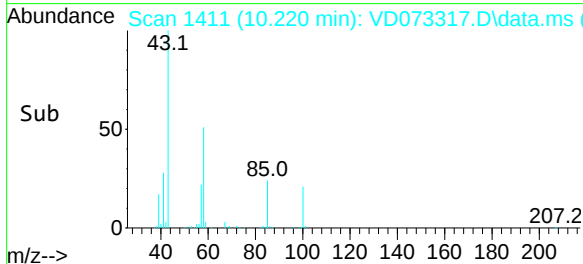
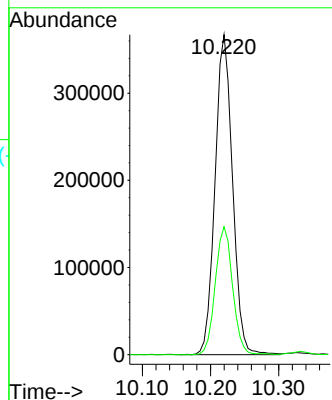
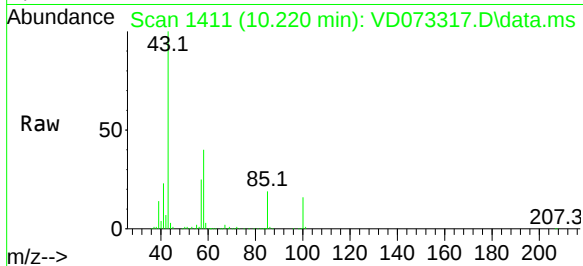




#51
4-Methyl-2-Pentanone
Concen: 297.606 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

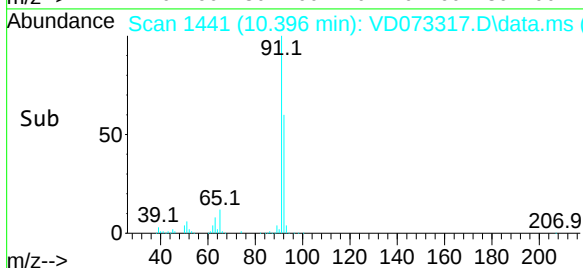
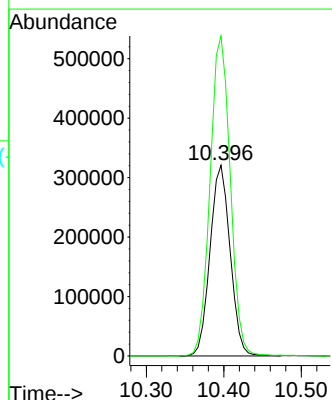
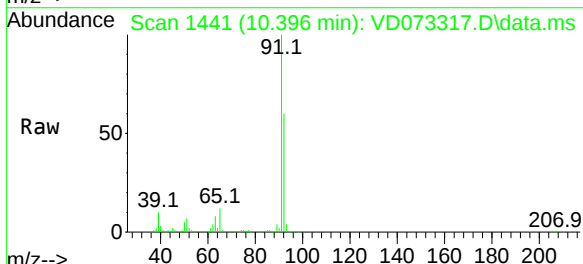
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

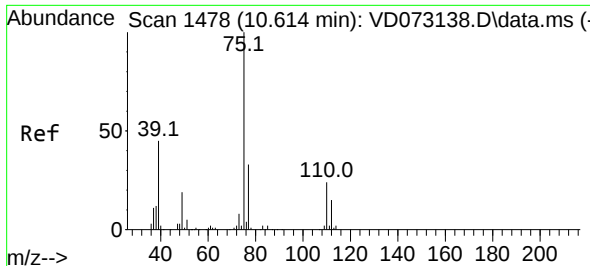
Tgt Ion: 43 Resp: 656527
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0



#52
Toluene
Concen: 54.499 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 92 Resp: 577415
Ion Ratio Lower Upper
92 100
91 168.7 139.6 209.4

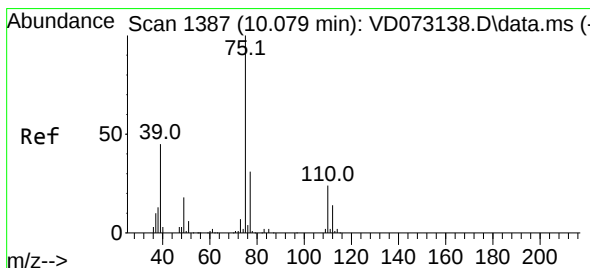
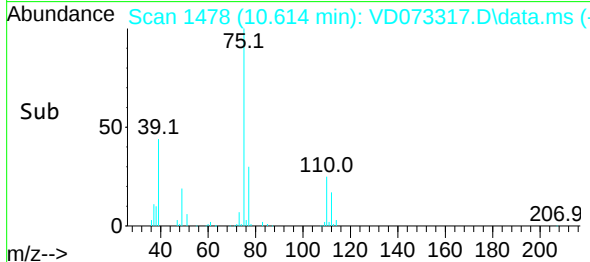
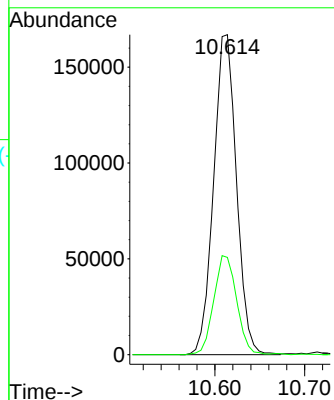
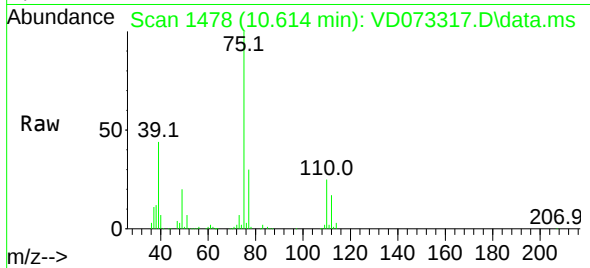




#53
t-1,3-Dichloropropene
Concen: 55.110 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

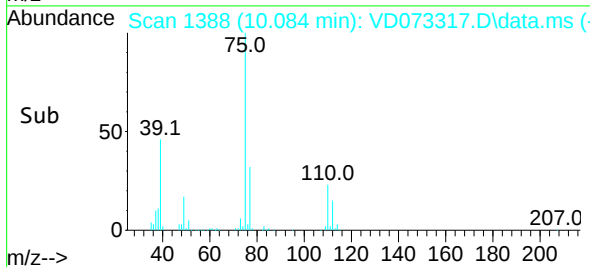
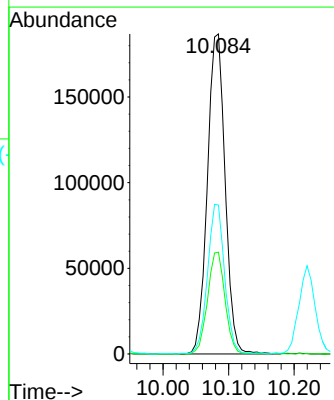
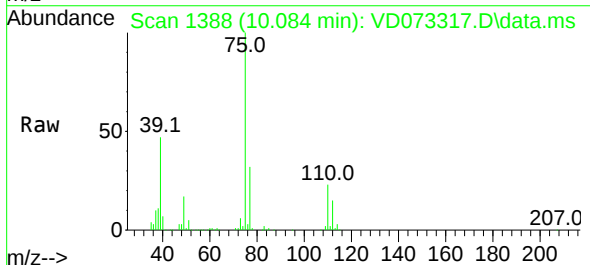
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

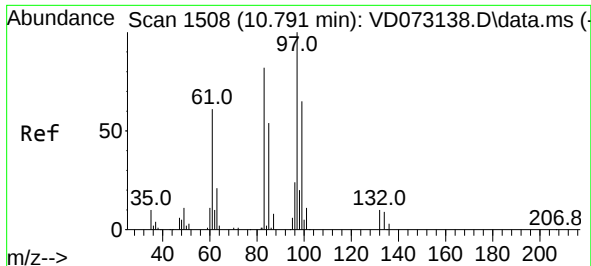
Tgt Ion: 75 Resp: 295424
Ion Ratio Lower Upper
75 100
77 30.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 54.807 ug/l
RT: 10.084 min Scan# 1388
Delta R.T. 0.005 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 75 Resp: 351590
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 46.4 46.8 70.2#

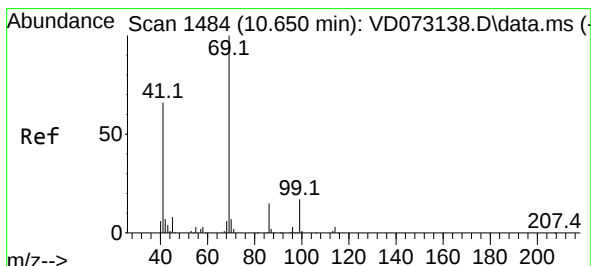
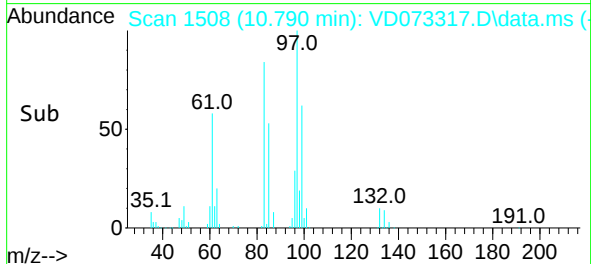
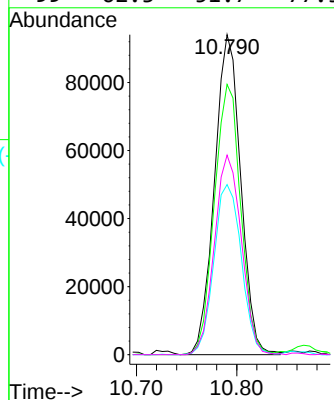
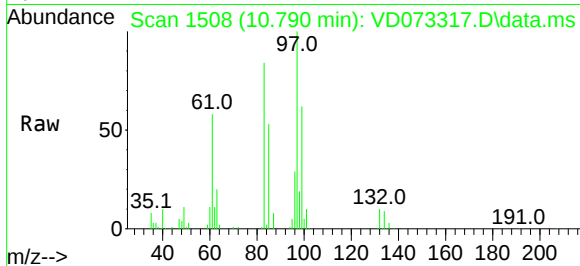




#55
1,1,2-Trichloroethane
Concen: 54.358 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

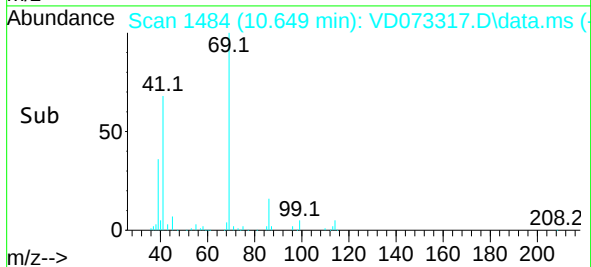
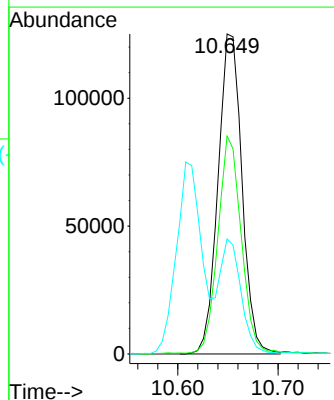
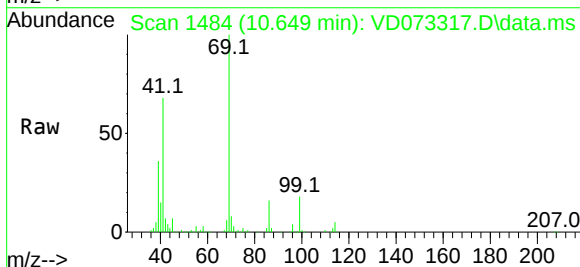
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

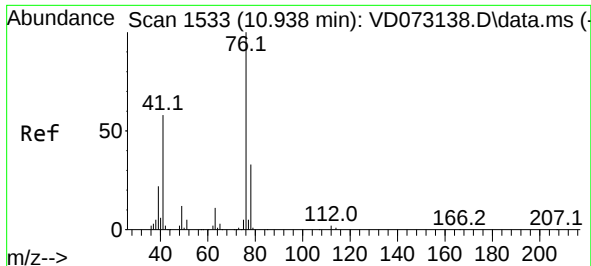
Tgt Ion:	97	Resp:	170464
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.0	103.4
85	53.1	42.6	63.8
99	62.3	51.7	77.5



#56
Ethyl methacrylate
Concen: 59.507 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion:	69	Resp:	207481
Ion	Ratio	Lower	Upper
69	100		
41	66.0	63.0	94.6
39	33.7	33.8	50.8#

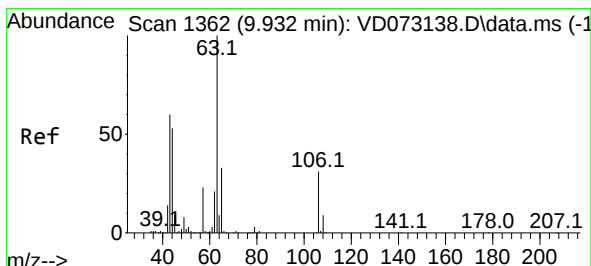
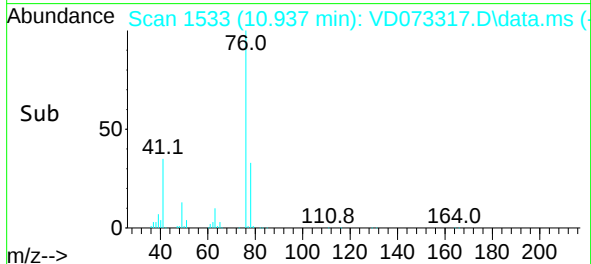
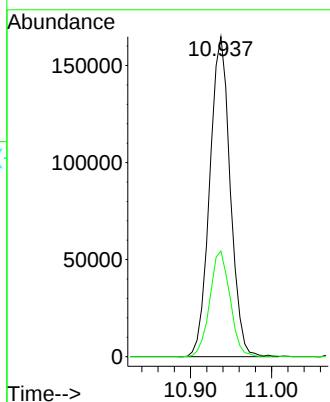
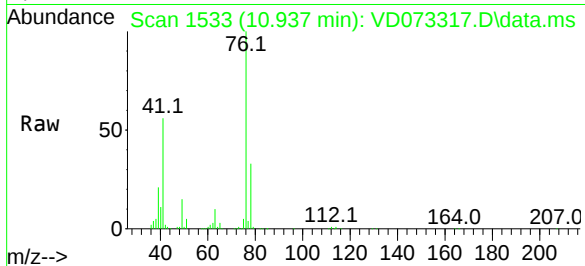




#57
1,3-Dichloropropane
Concen: 54.982 ug/l
RT: 10.937 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

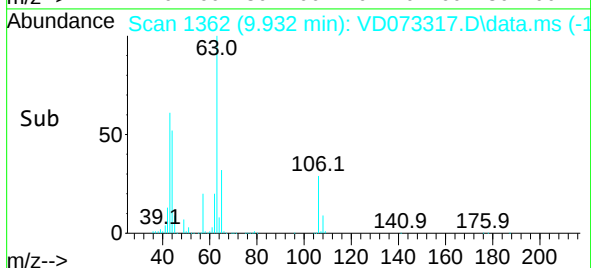
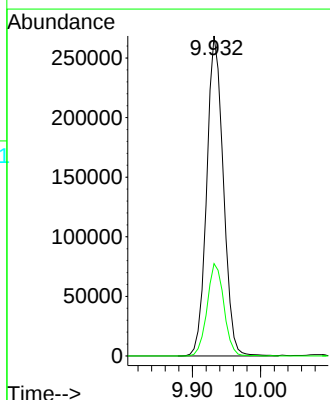
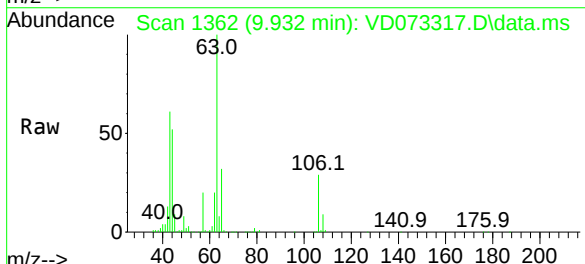
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

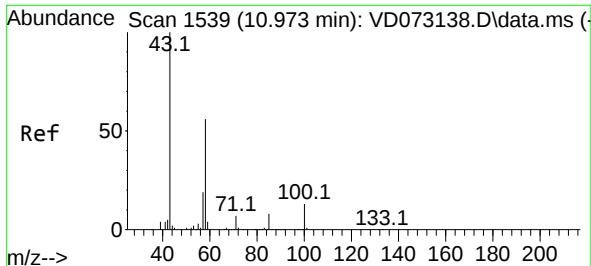
Tgt Ion: 76 Resp: 289310
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 272.993 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 63 Resp: 455830
Ion Ratio Lower Upper
63 100
106 29.0 21.4 32.0

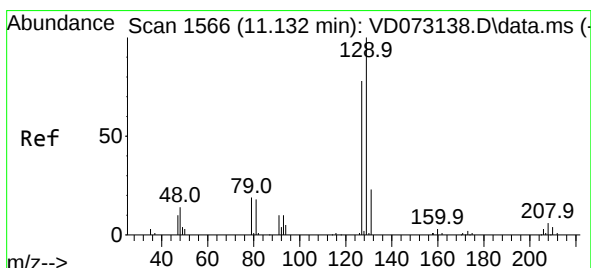
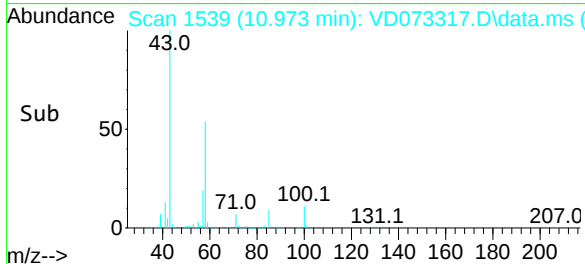
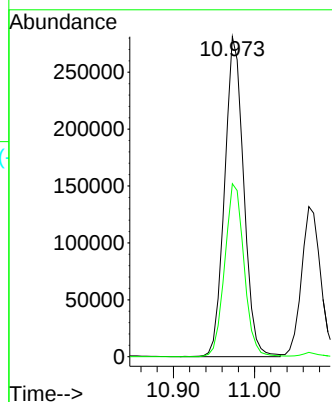
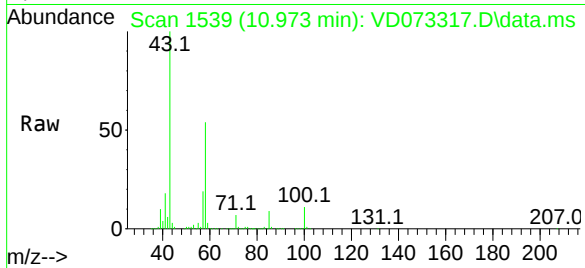




#59
2-Hexanone
Concen: 316.361 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

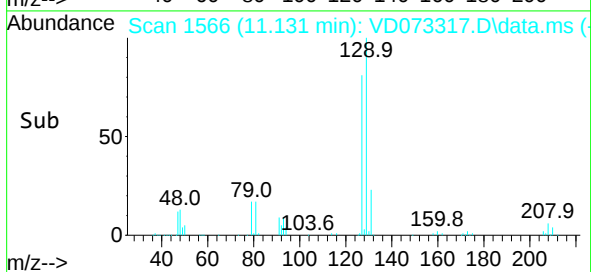
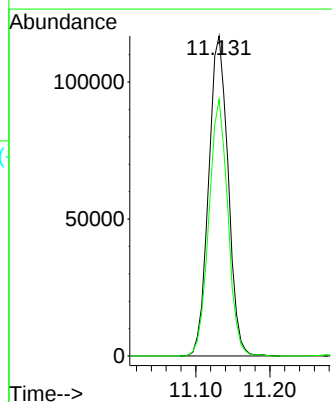
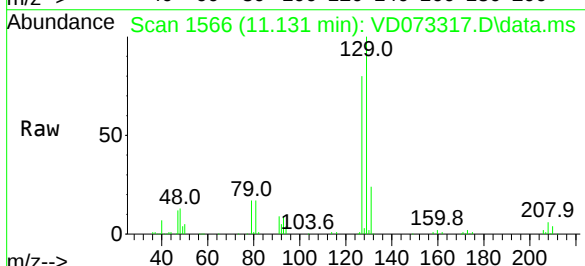
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

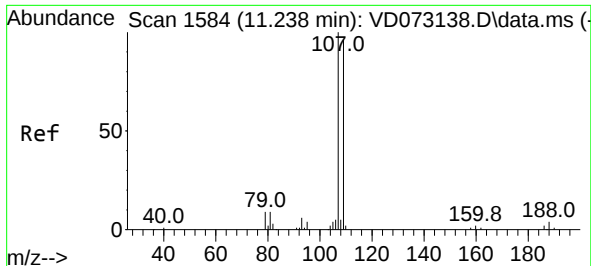
Tgt Ion: 43 Resp: 460115
Ion Ratio Lower Upper
43 100
58 54.7 25.3 75.9



#60
Dibromochloromethane
Concen: 54.486 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 129 Resp: 213056
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

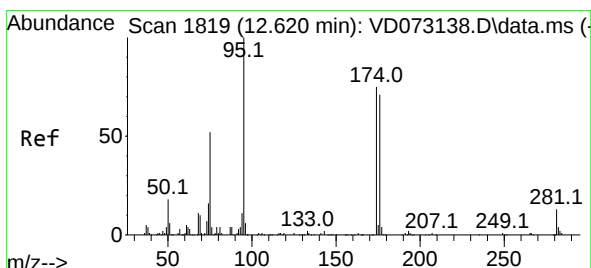
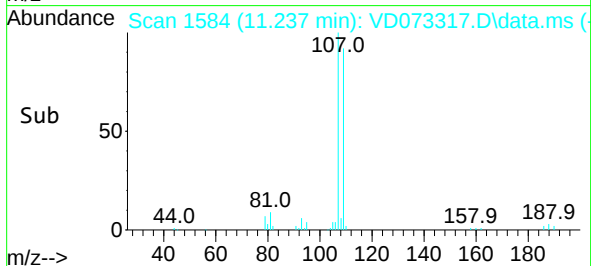
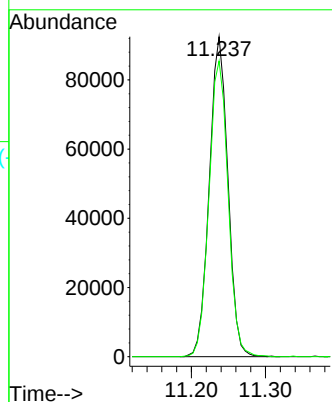
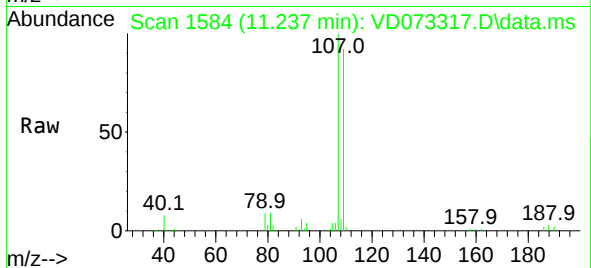




#61
1,2-Dibromoethane
Concen: 53.843 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

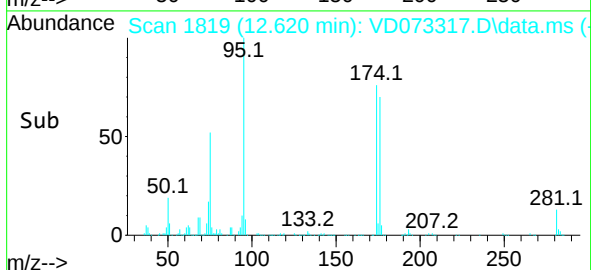
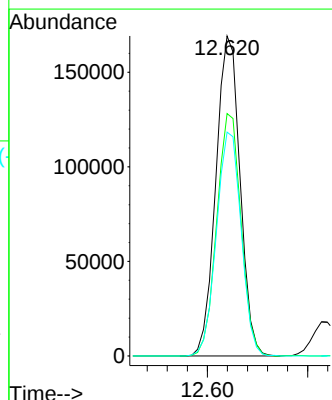
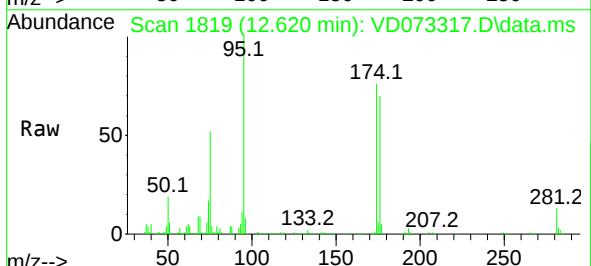
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

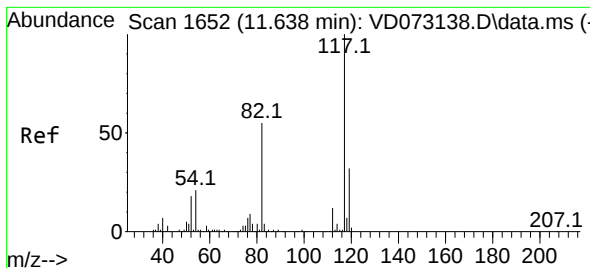
Tgt Ion:107 Resp: 161346
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.538 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 95 Resp: 282920
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 71.5 0.0 145.4

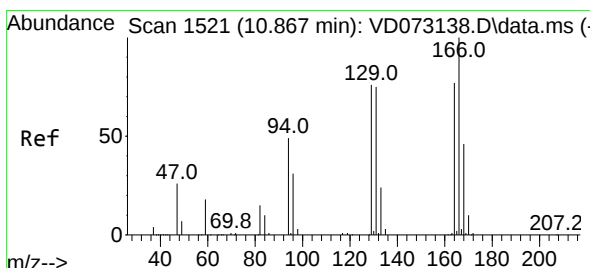
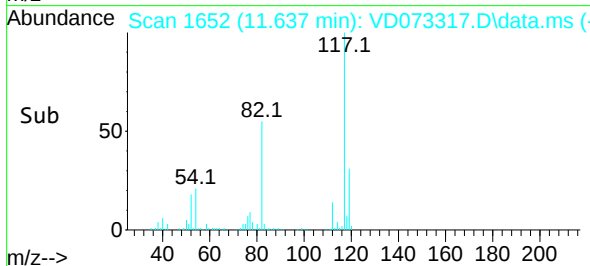
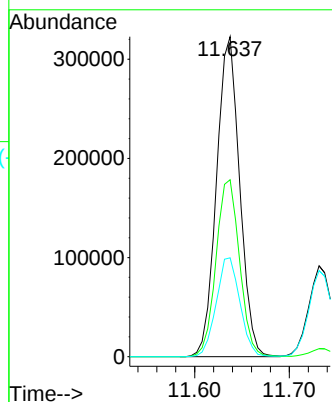
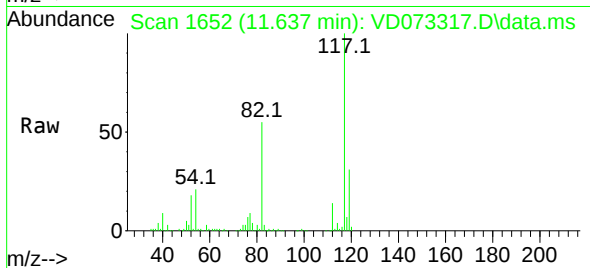




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

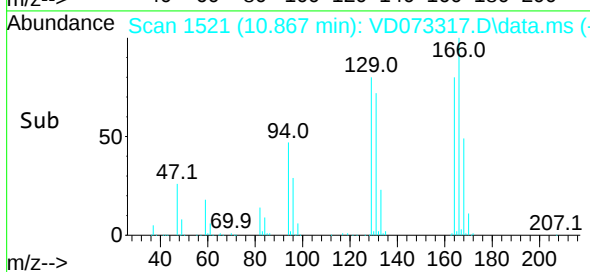
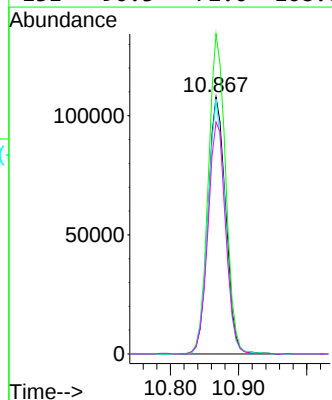
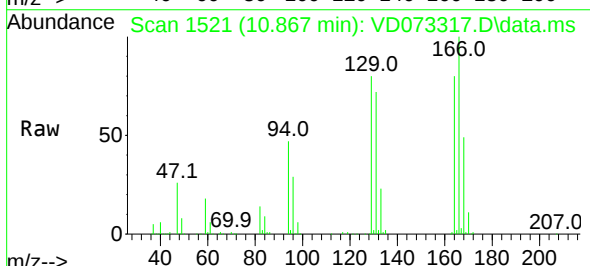
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

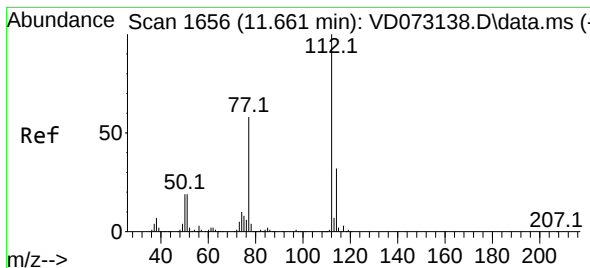
Tgt Ion:117 Resp: 548492
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 30.9 26.6 40.0



#64
Tetrachloroethene
Concen: 53.836 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion:164 Resp: 193404
Ion Ratio Lower Upper
164 100
166 124.5 98.5 147.7
129 99.2 74.6 111.8
131 90.3 72.0 108.0





#65

Chlorobenzene

Concen: 53.991 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

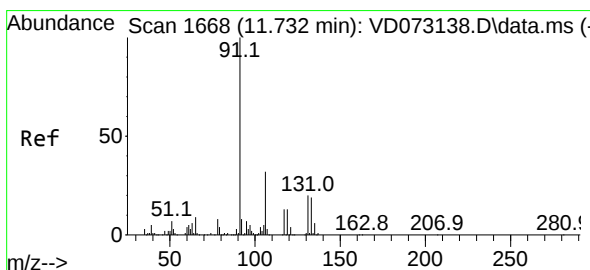
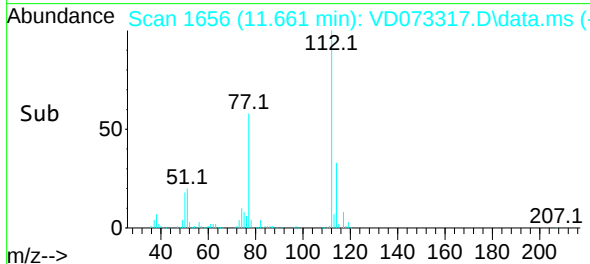
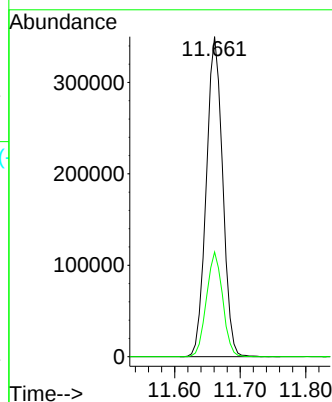
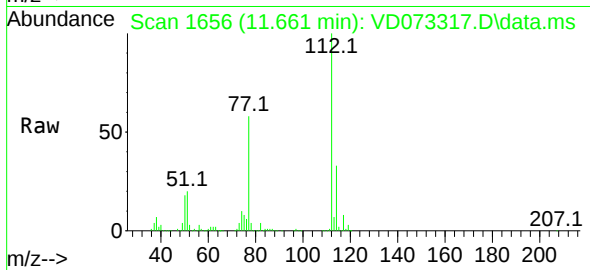
VSTDCCC050

Tgt Ion:112 Resp: 607521

Ion Ratio Lower Upper

112 100

114 32.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.422 ug/l

RT: 11.731 min Scan# 1668

Delta R.T. -0.001 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

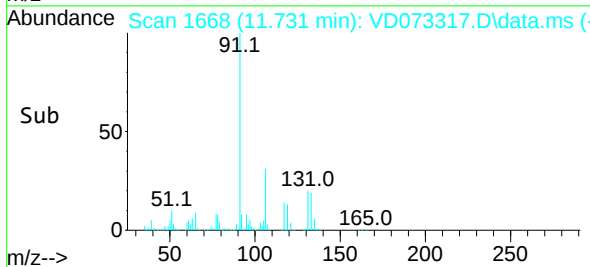
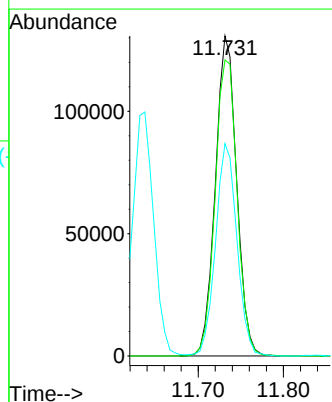
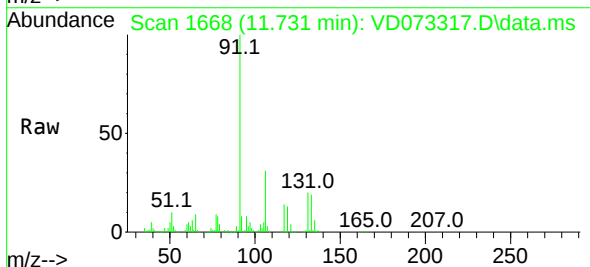
Tgt Ion:131 Resp: 227110

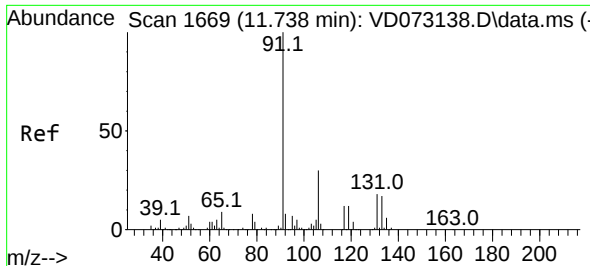
Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.3

119 66.8 31.9 95.9

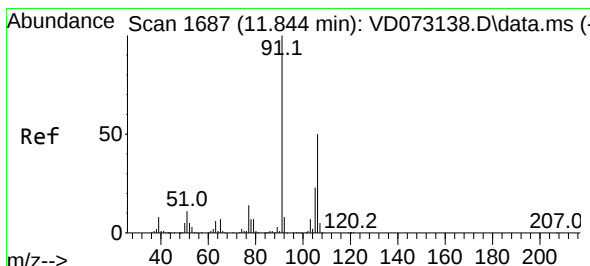
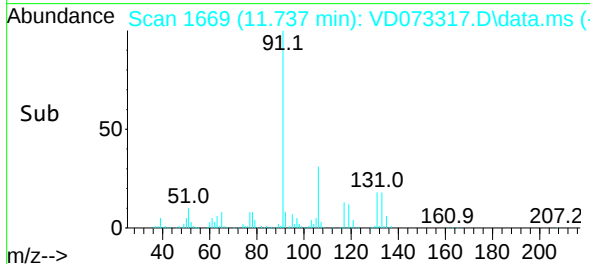
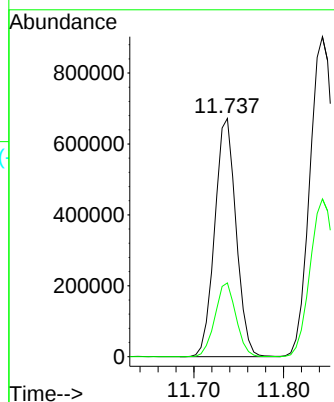
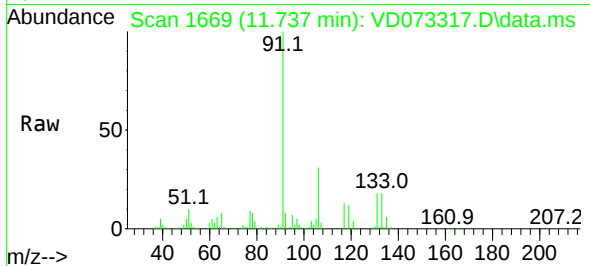




#67
Ethyl Benzene
Concen: 56.166 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

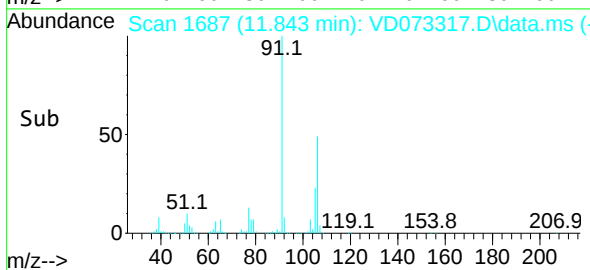
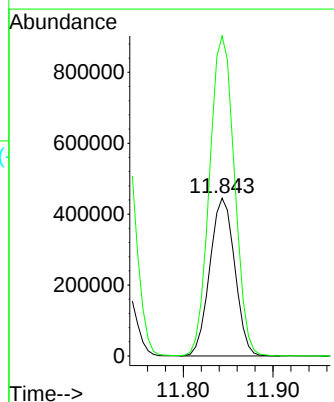
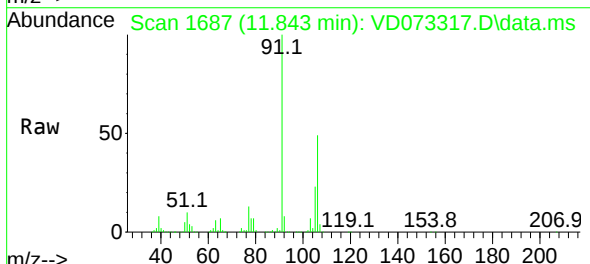
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

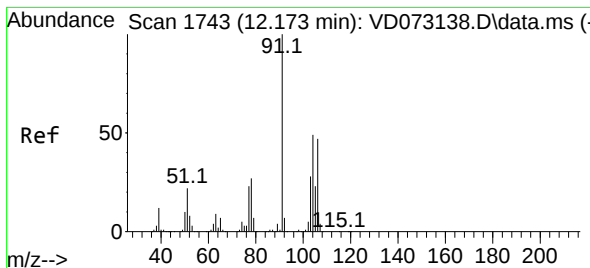
Tgt Ion: 91 Resp: 1109430
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 111.882 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion:106 Resp: 858612
Ion Ratio Lower Upper
106 100
91 202.9 163.7 245.5





#69

o-Xylene

Concen: 56.060 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. -0.006 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

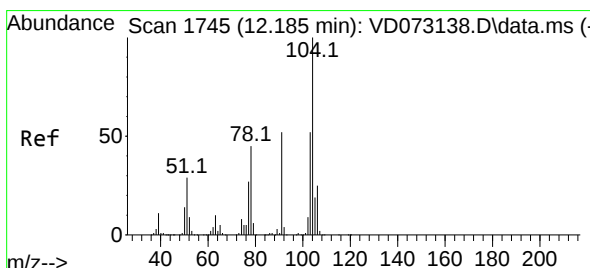
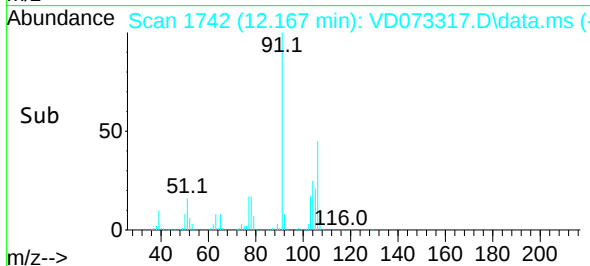
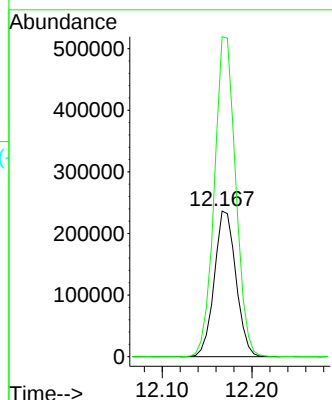
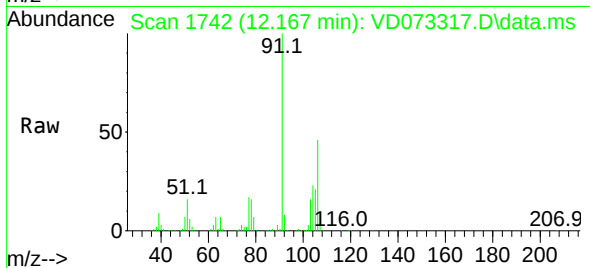
VSTDCCC050

Tgt Ion:106 Resp: 395220

Ion Ratio Lower Upper

106 100

91 217.3 110.4 331.2



#70

Styrene

Concen: 57.846 ug/l

RT: 12.184 min Scan# 1745

Delta R.T. -0.001 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

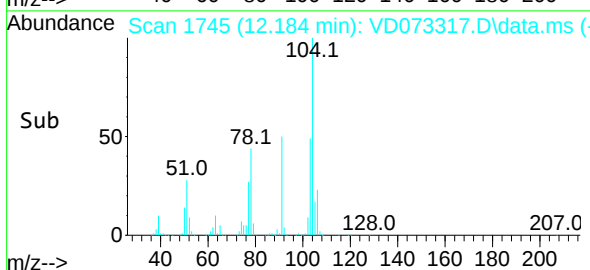
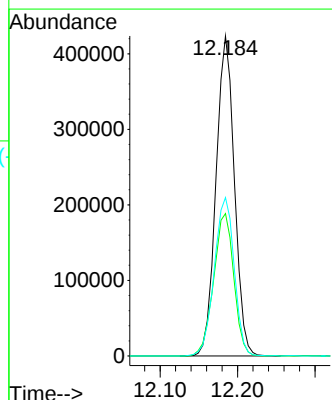
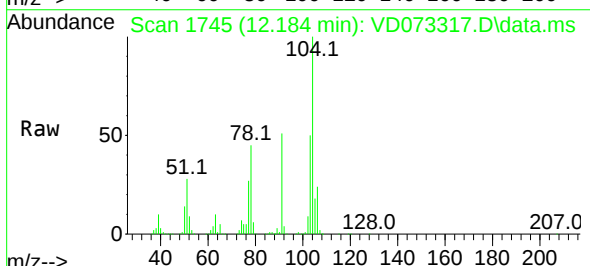
Tgt Ion:104 Resp: 701634

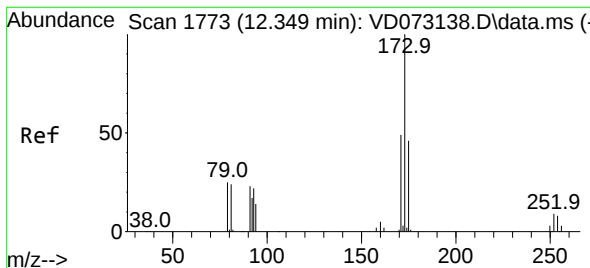
Ion Ratio Lower Upper

104 100

78 48.7 41.8 62.8

103 53.7 44.2 66.4





#71

Bromoform

Concen: 57.859 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

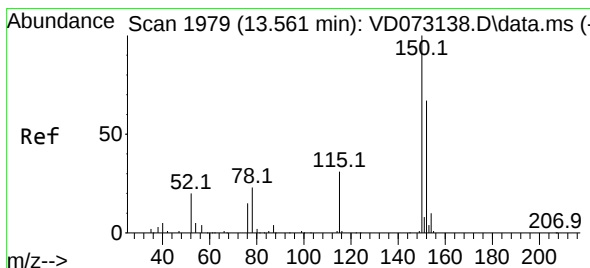
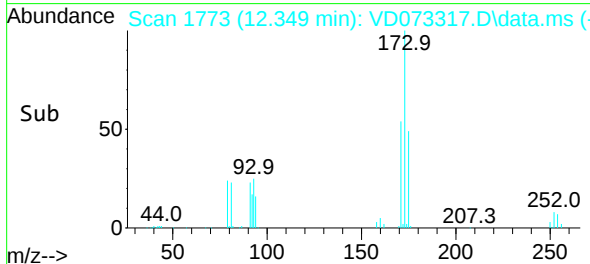
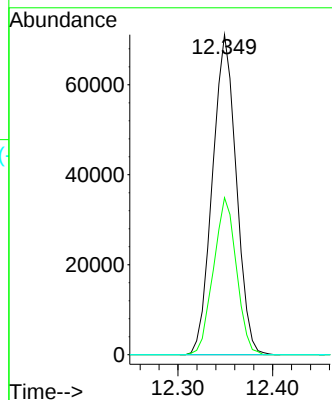
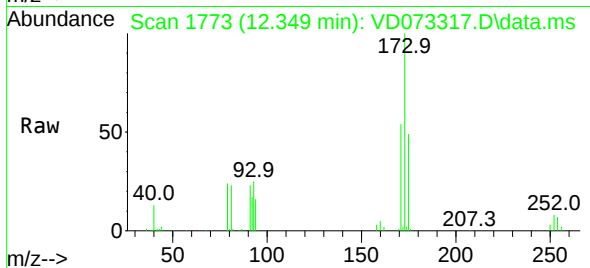
Tgt Ion:173 Resp: 124267

Ion Ratio Lower Upper

173 100

175 47.4 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

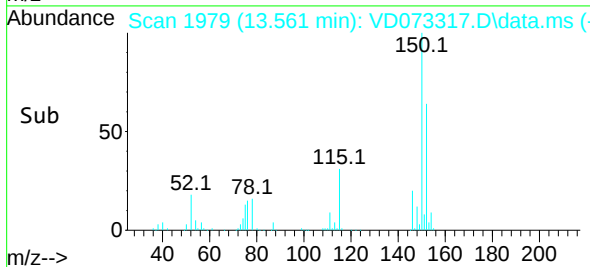
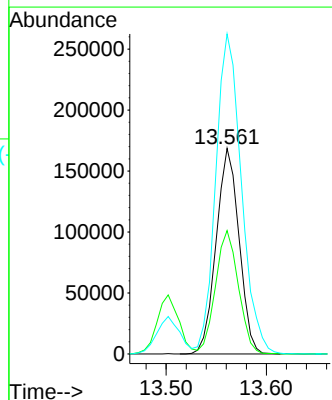
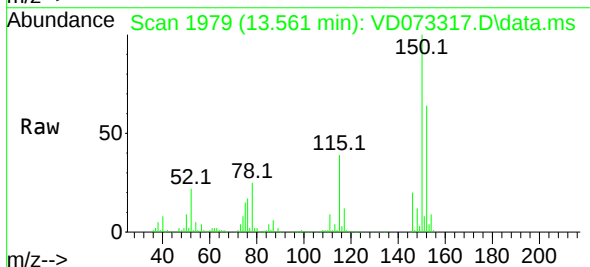
Tgt Ion:152 Resp: 267478

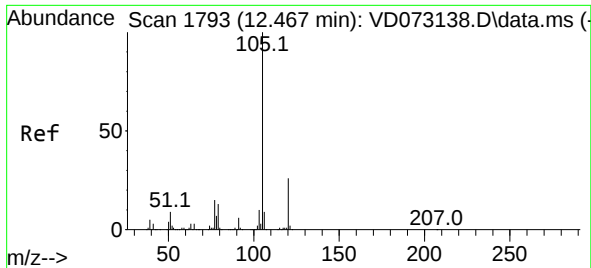
Ion Ratio Lower Upper

152 100

115 60.0 31.3 93.8

150 174.5 0.0 348.6

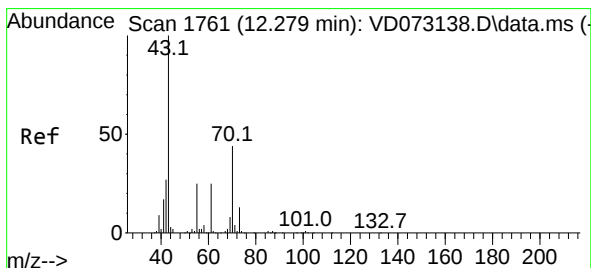
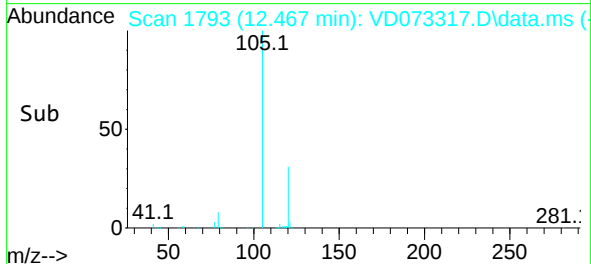
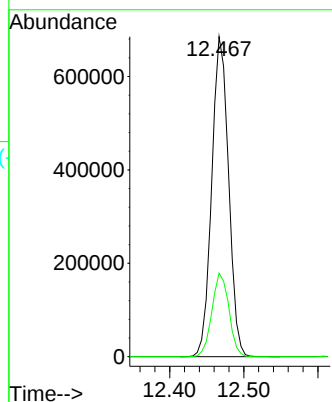
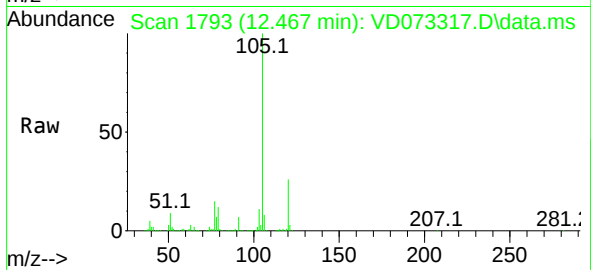




#73
Isopropylbenzene
Concen: 56.690 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

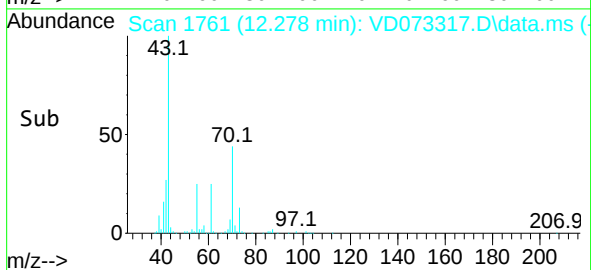
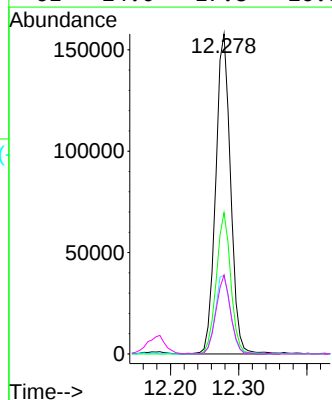
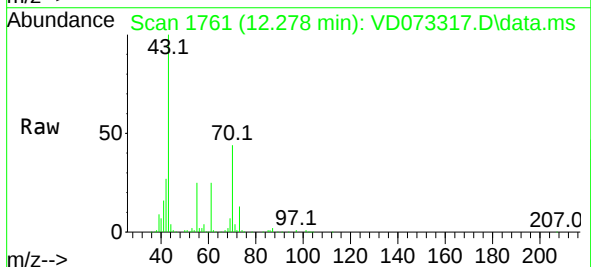
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

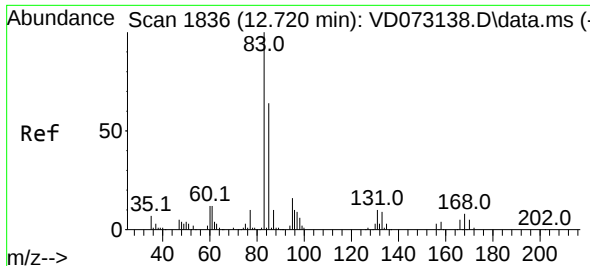
Tgt Ion:105 Resp: 1080979
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 57.787 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 43 Resp: 240382
Ion Ratio Lower Upper
43 100
70 42.8 31.3 46.9
55 25.1 20.0 30.0
61 24.0 17.8 26.8

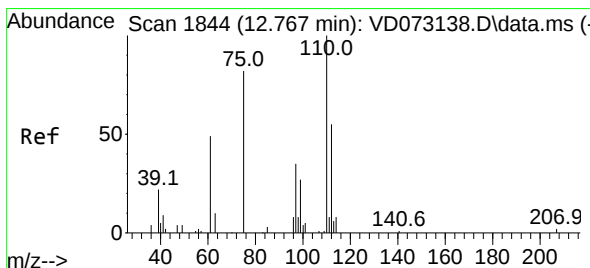
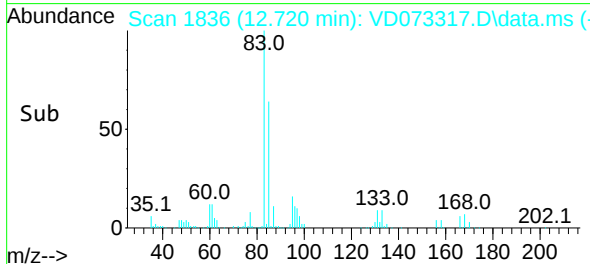
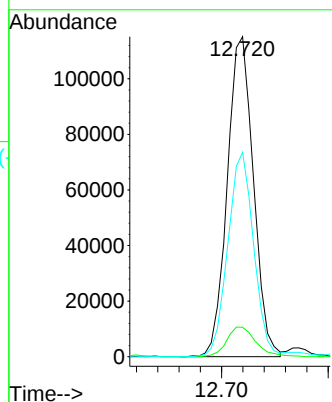
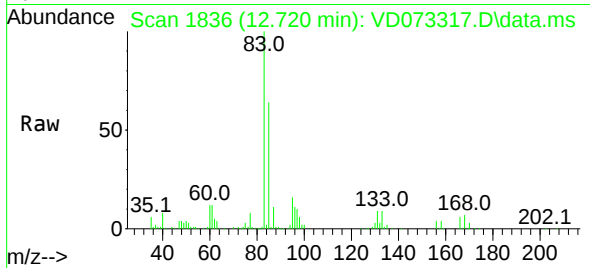




#75
1,1,2-Tetrachloroethane
Concen: 55.866 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

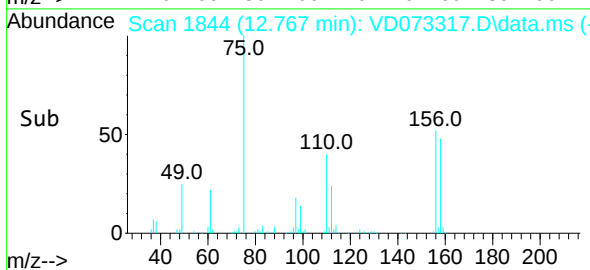
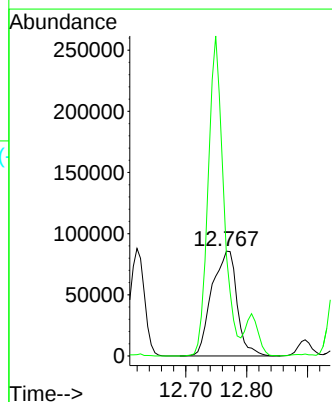
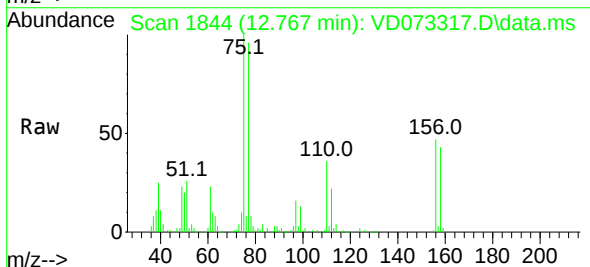
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

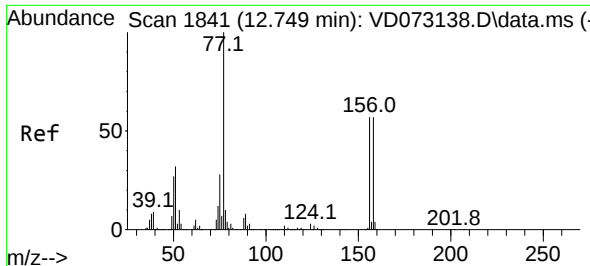
Tgt Ion: 83 Resp: 196468
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 63.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 93.677 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 75 Resp: 245848
Ion Ratio Lower Upper
75 100
77 189.2 0.0 0.0#

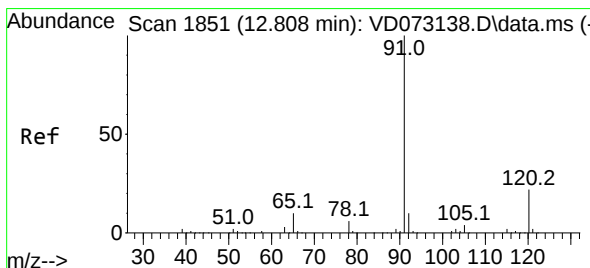
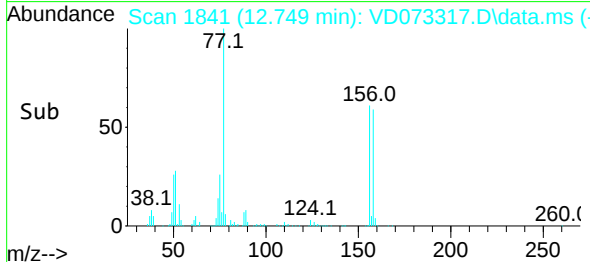
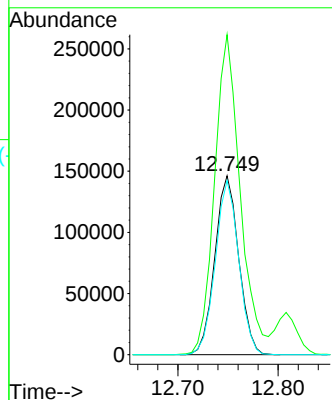
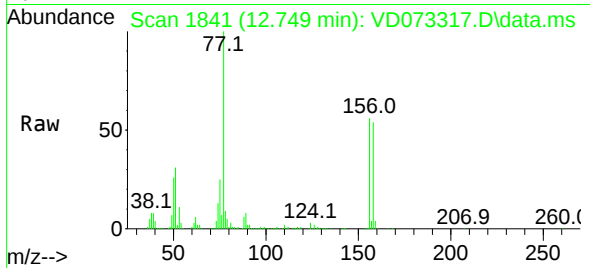




#77
Bromobenzene
Concen: 53.825 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

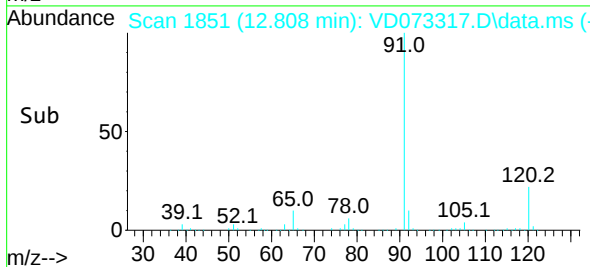
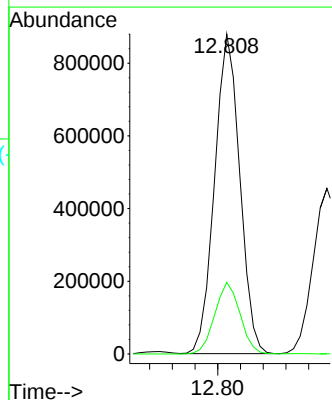
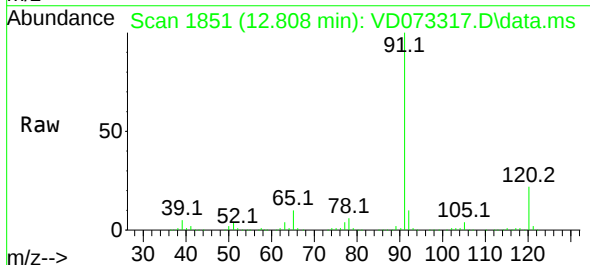
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

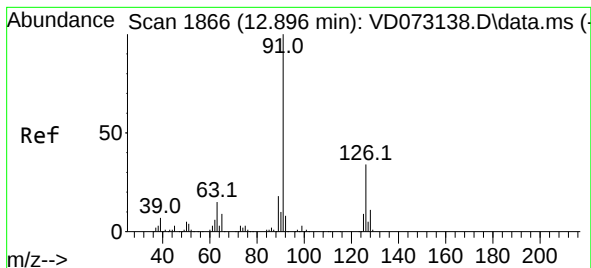
Tgt Ion:156 Resp: 241606
Ion Ratio Lower Upper
156 100
77 192.6 102.8 308.3
158 95.3 48.7 146.1



#78
n-propylbenzene
Concen: 56.533 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 91 Resp: 1353326
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9





#79

2-Chlorotoluene

Concen: 54.779 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

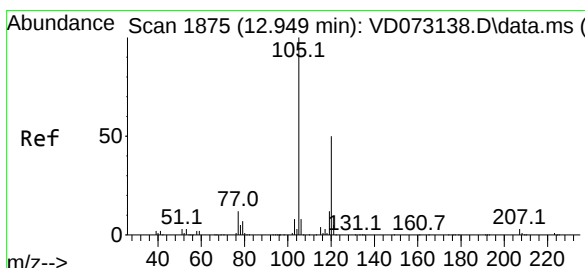
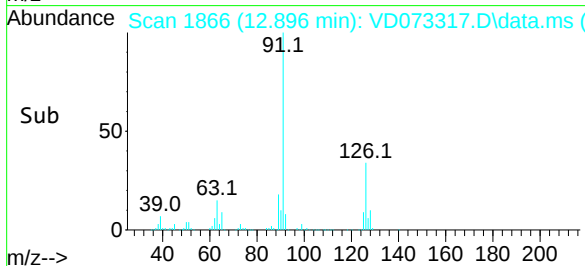
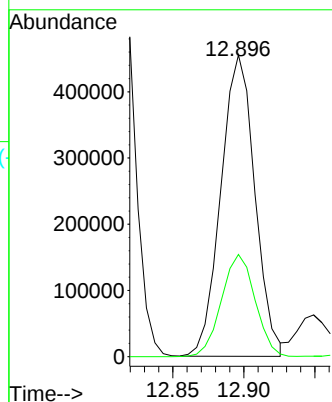
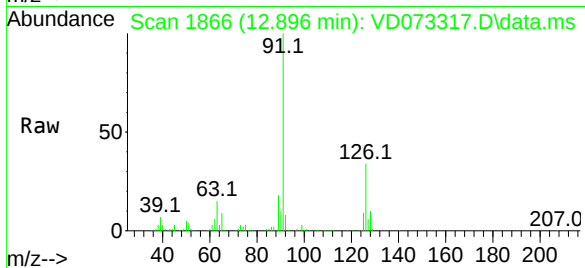
VSTDCCC050

Tgt Ion: 91 Resp: 757157

Ion Ratio Lower Upper

91 100

126 33.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 56.200 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073317.D

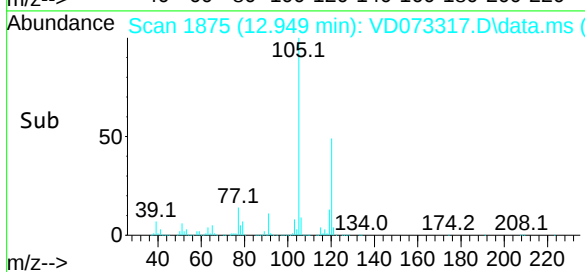
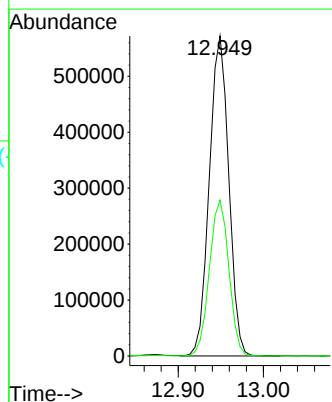
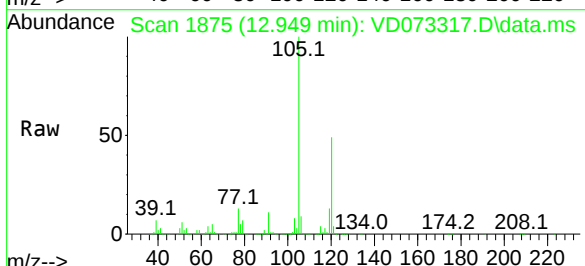
Acq: 24 May 2022 11:06

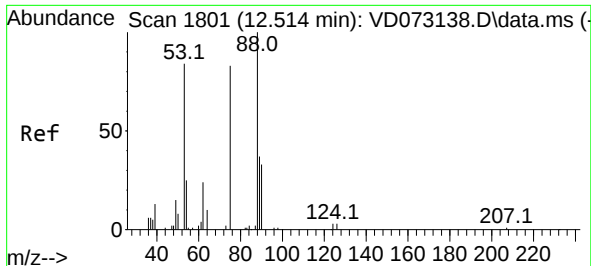
Tgt Ion: 105 Resp: 907791

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8

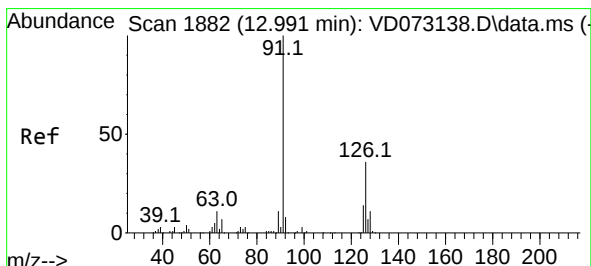
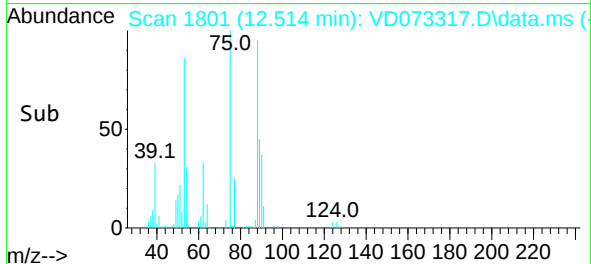
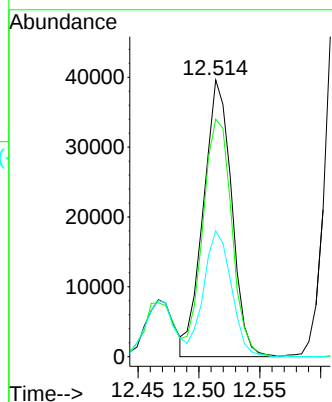
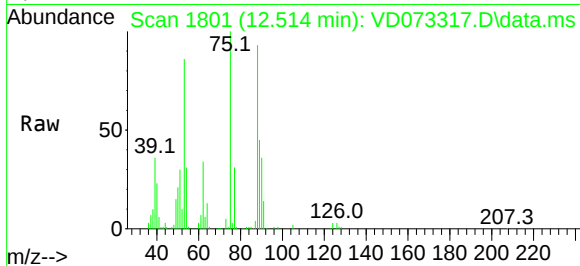




#81
trans-1,4-Dichloro-2-butene
Concen: 58.465 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

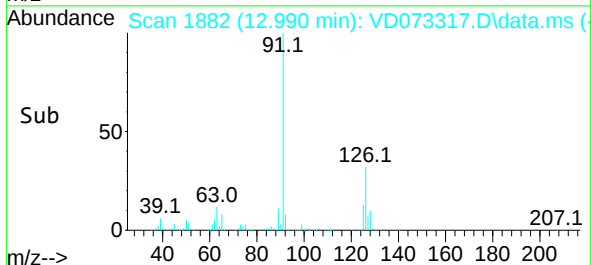
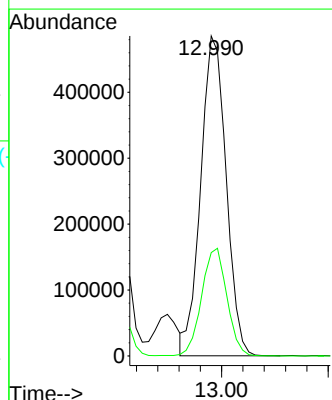
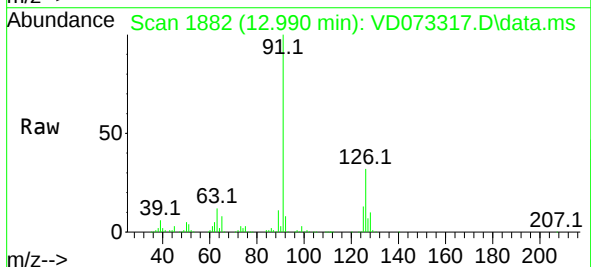
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

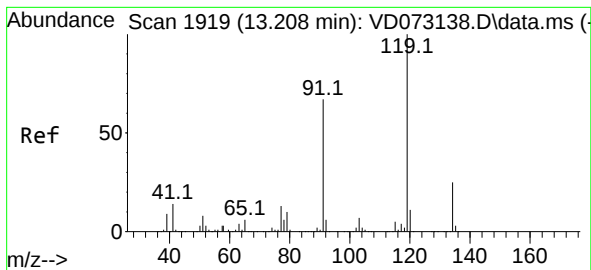
Tgt Ion: 75 Resp: 63914
Ion Ratio Lower Upper
75 100
53 88.5 86.5 129.7
89 44.3 33.9 50.9



#82
4-Chlorotoluene
Concen: 55.418 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 91 Resp: 802878
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5





#83

tert-Butylbenzene

Concen: 57.358 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. -0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

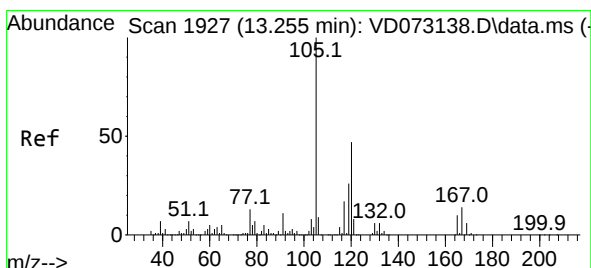
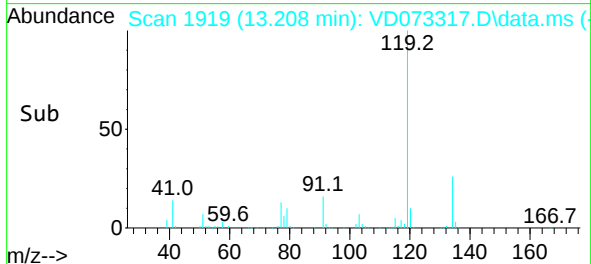
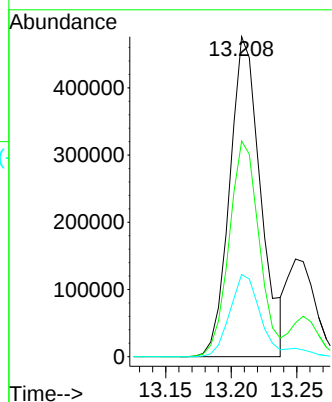
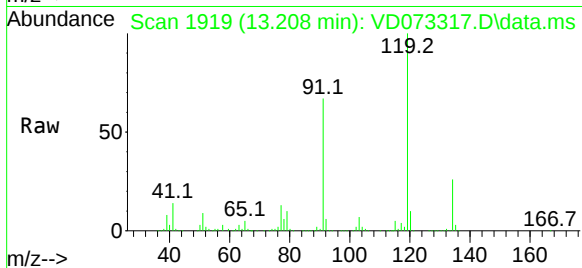
Tgt Ion:119 Resp: 780845

Ion Ratio Lower Upper

119 100

91 65.6 34.8 104.5

134 26.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 56.493 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VD073317.D

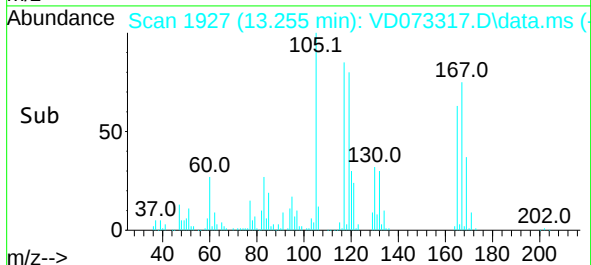
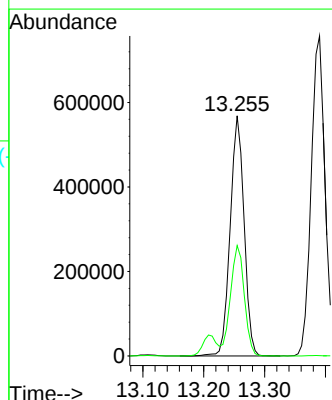
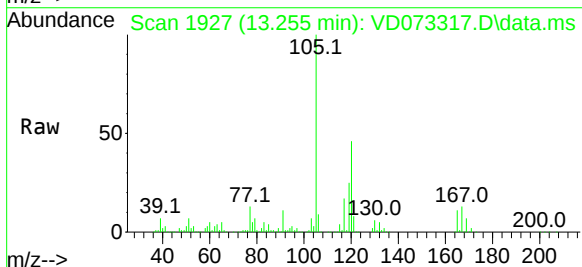
Acq: 24 May 2022 11:06

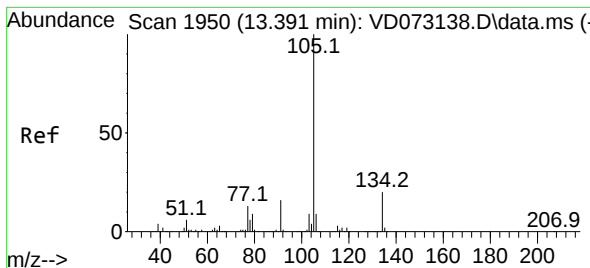
Tgt Ion:105 Resp: 901484

Ion Ratio Lower Upper

105 100

120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 56.968 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.001 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

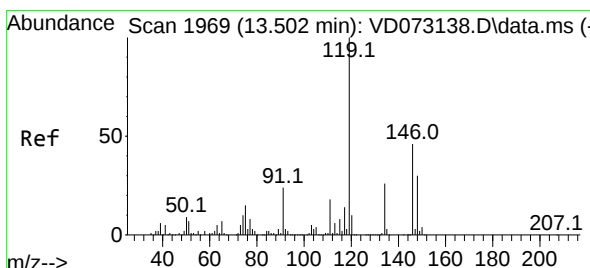
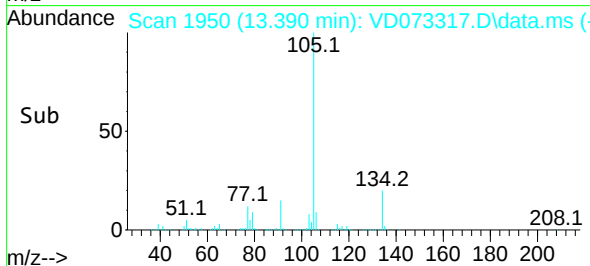
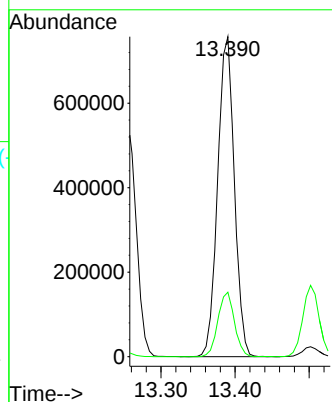
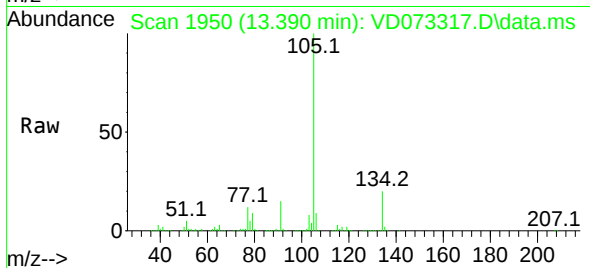
VSTDCCC050

Tgt Ion:105 Resp: 1184172

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 57.594 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

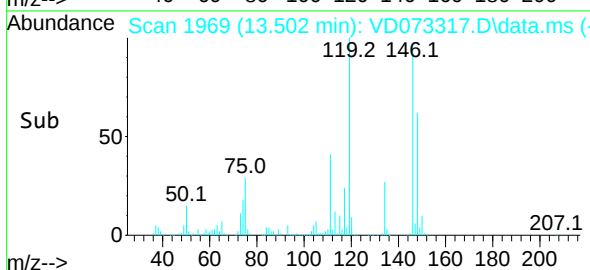
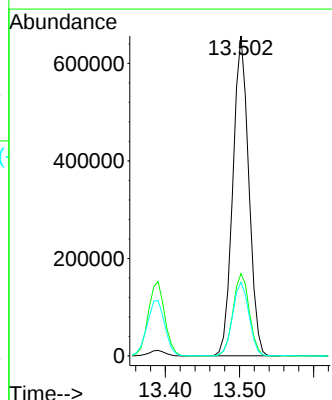
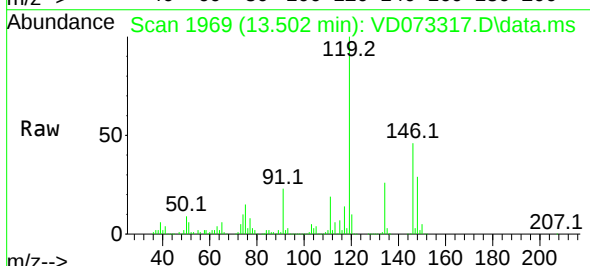
Tgt Ion:119 Resp: 975899

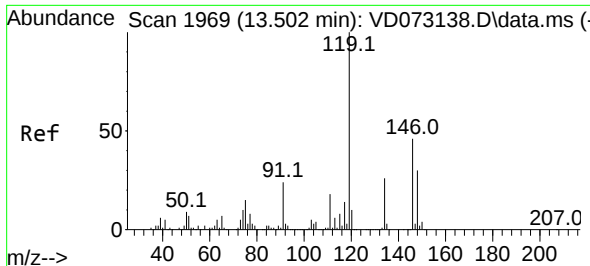
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

91 23.6 12.1 36.3

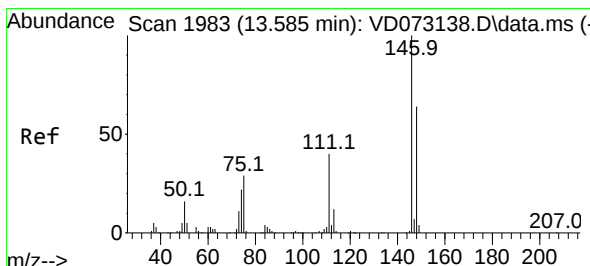
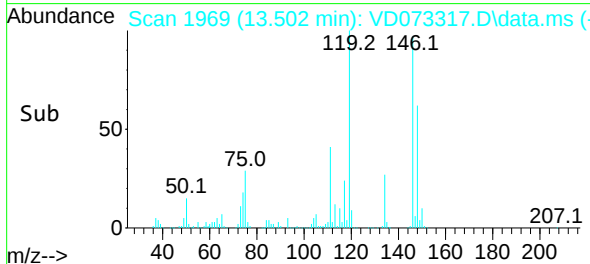
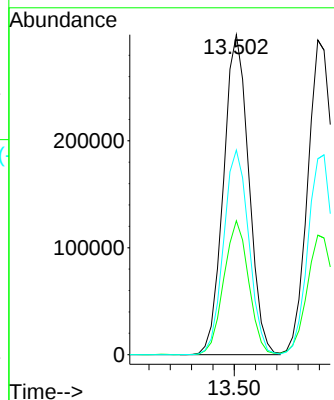
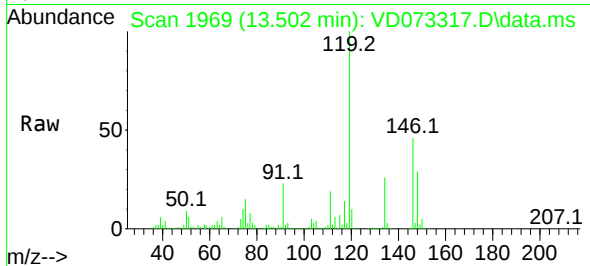




#87
1,3-Dichlorobenzene
Concen: 54.557 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

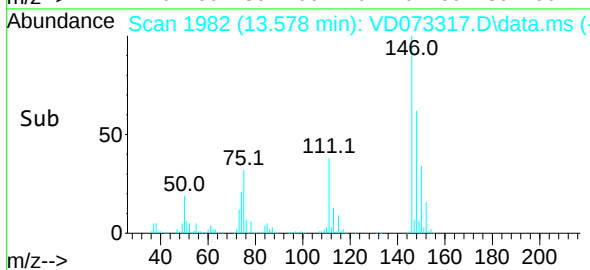
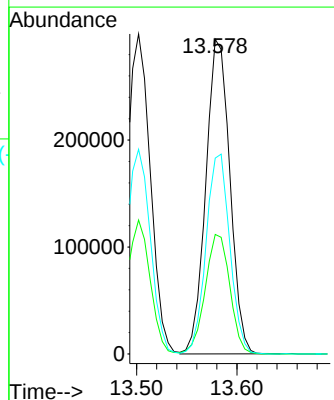
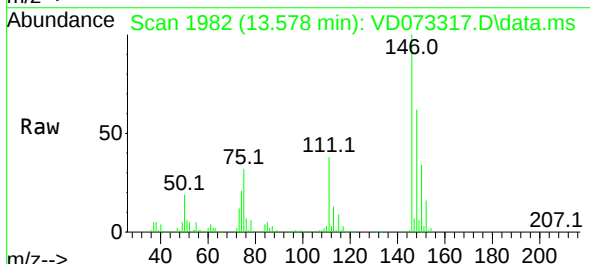
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

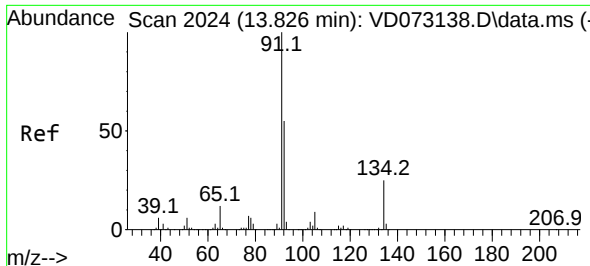
Tgt Ion:146 Resp: 493616
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.3
148 63.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 53.685 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. -0.007 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion:146 Resp: 490313
Ion Ratio Lower Upper
146 100
111 38.9 20.3 60.9
148 62.9 31.7 95.1

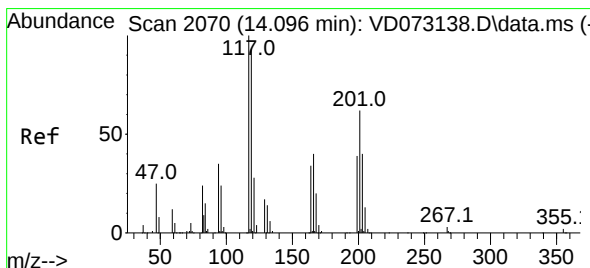
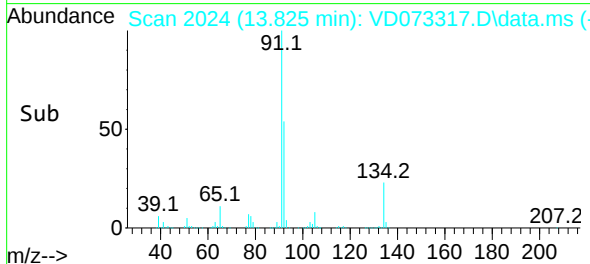
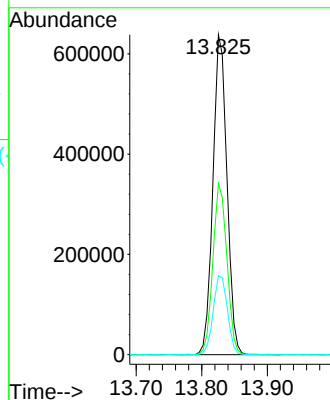
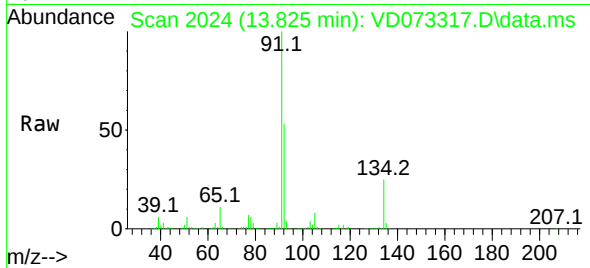




#89
n-Butylbenzene
Concen: 58.690 ug/l
RT: 13.825 min Scan# 20
Delta R.T. -0.001 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

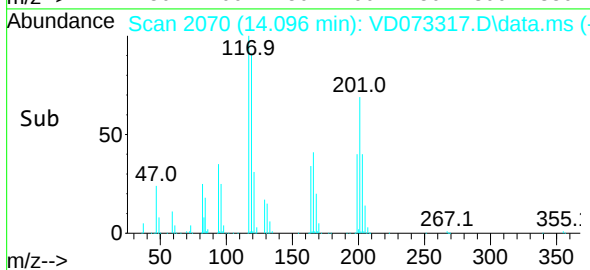
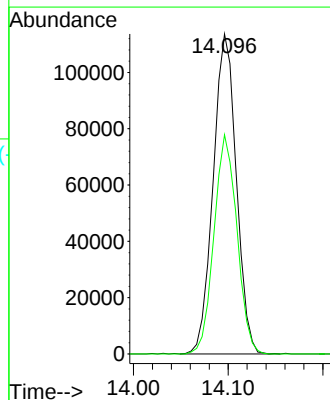
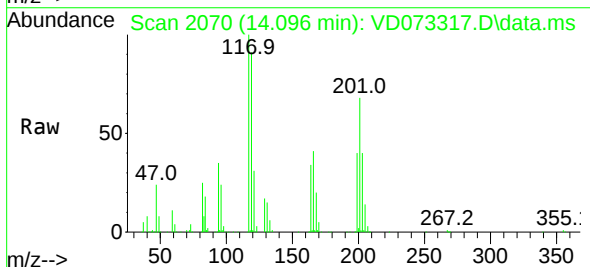
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

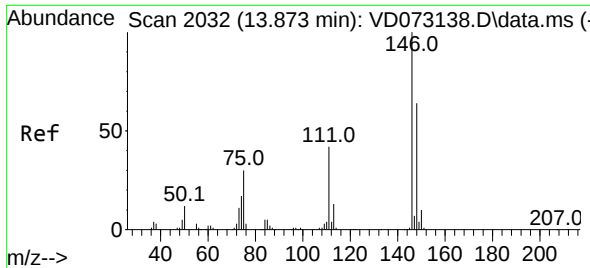
Tgt Ion: 91 Resp: 947545
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 55.080 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 117 Resp: 193114
Ion Ratio Lower Upper
117 100
201 67.9 33.4 100.2

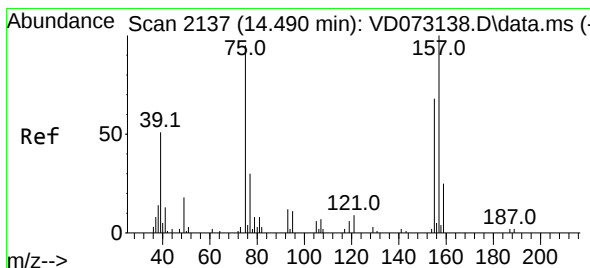
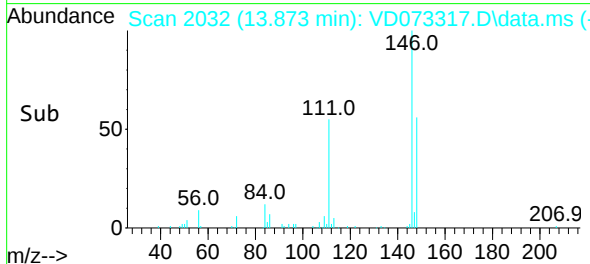
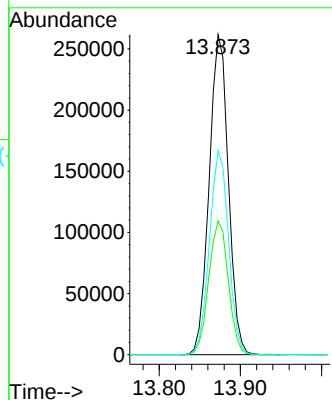
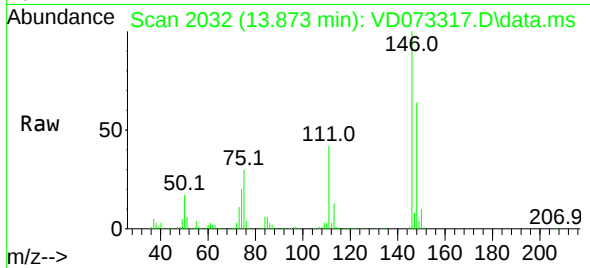




#91
1,2-Dichlorobenzene
Concen: 54.862 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

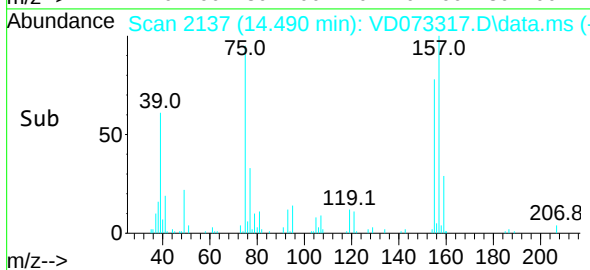
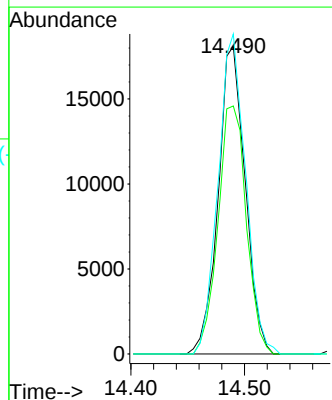
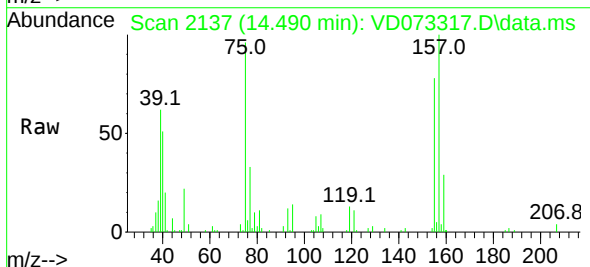
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

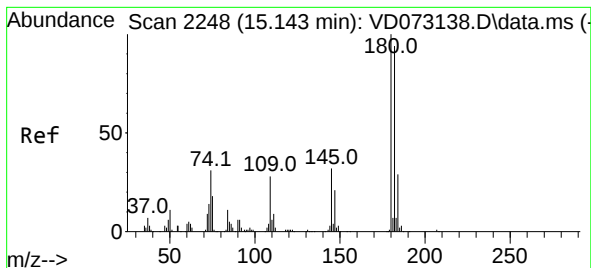
Tgt Ion:146 Resp: 429477
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.3
148 63.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.520 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073317.D
Acq: 24 May 2022 11:06

Tgt Ion: 75 Resp: 29901
Ion Ratio Lower Upper
75 100
155 84.4 36.8 110.3
157 105.6 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 58.655 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

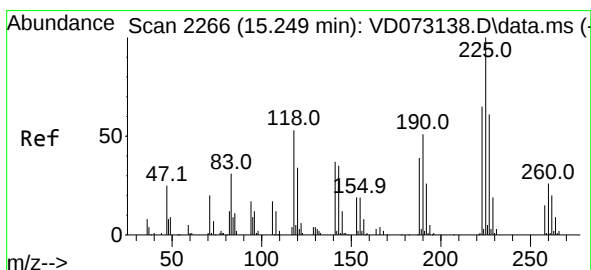
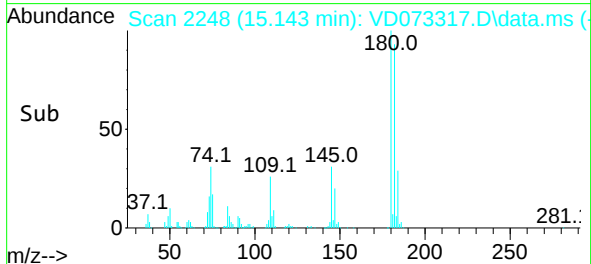
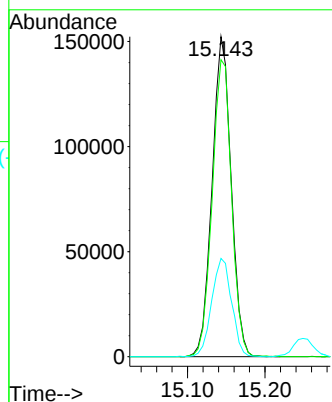
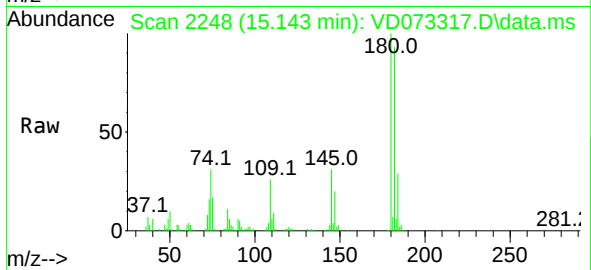
Tgt Ion:180 Resp: 260682

Ion Ratio Lower Upper

180 100

182 94.4 47.3 142.0

145 32.1 16.2 48.5



#94

Hexachlorobutadiene

Concen: 55.818 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

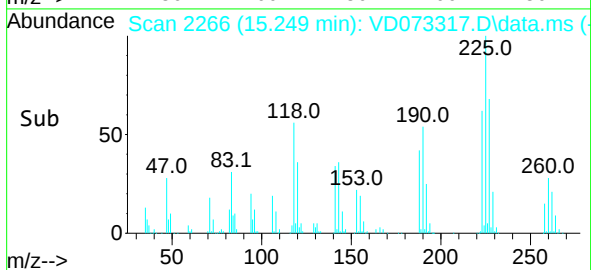
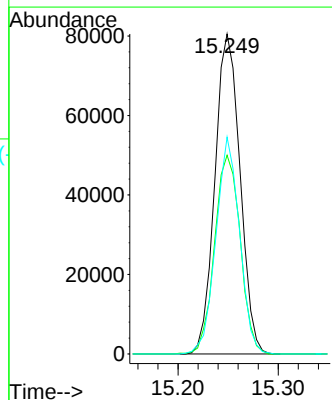
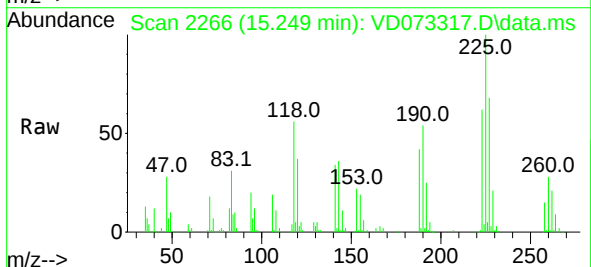
Tgt Ion:225 Resp: 139792

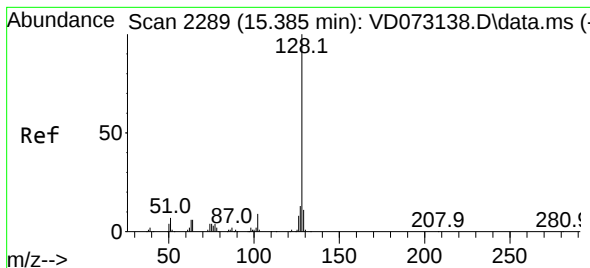
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.2

227 63.7 32.4 97.0





#95

Naphthalene

Concen: 54.625 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

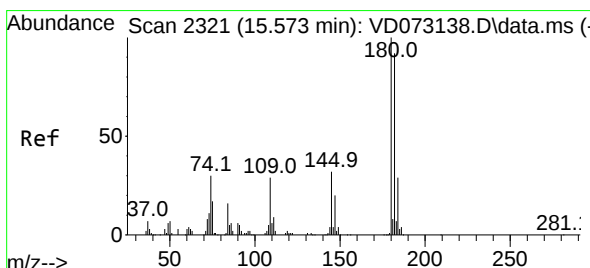
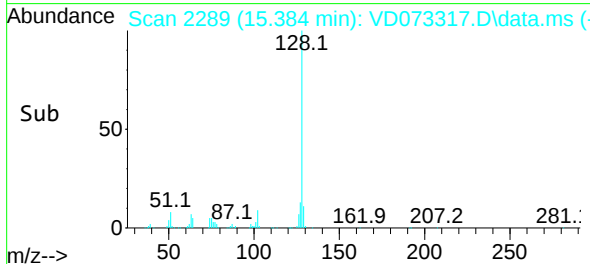
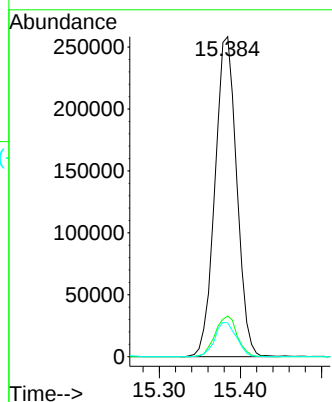
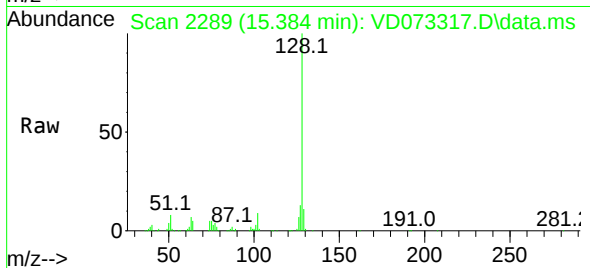
Tgt Ion:128 Resp: 481224

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 58.361 ug/l

RT: 15.578 min Scan# 2322

Delta R.T. 0.005 min

Lab File: VD073317.D

Acq: 24 May 2022 11:06

Tgt Ion:180 Resp: 229943

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 34.4 17.1 51.3

