

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073225.D
 Acq On : 21 May 2022 12:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 22 00:02:44 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	338343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	564787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	543686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	267726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	185499	49.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.220%
35) Dibromofluoromethane	7.908	113	194894	52.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.580%
50) Toluene-d8	10.332	98	738245	53.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.480%
62) 4-Bromofluorobenzene	12.620	95	260556	54.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	142957	42.285	ug/l	98
3) Chloromethane	2.209	50	163417	42.747	ug/l	98
4) Vinyl Chloride	2.344	62	150558	43.069	ug/l	100
5) Bromomethane	2.762	94	108297	48.177	ug/l	98
6) Chloroethane	2.915	64	98681	45.920	ug/l	96
7) Trichlorofluoromethane	3.267	101	288103	46.609	ug/l	98
8) Diethyl Ether	3.709	74	82551	48.602	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	174925	47.430	ug/l	96
10) Methyl Iodide	4.297	142	177360	44.573	ug/l	99
11) Tert butyl alcohol	5.220	59	54481	93.911	ug/l	99
12) 1,1-Dichloroethene	4.062	96	161754	47.571	ug/l	88
13) Acrolein	3.920	56	63607	279.751	ug/l	96
14) Allyl chloride	4.714	41	254861	46.435	ug/l	93
15) Acrylonitrile	5.420	53	198330	255.355	ug/l	98
16) Acetone	4.156	43	154435	238.450	ug/l	91
17) Carbon Disulfide	4.409	76	493271	43.761	ug/l	98
18) Methyl Acetate	4.720	43	88196	48.972	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	396820	51.227	ug/l	98
20) Methylene Chloride	4.961	84	206811	50.373	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	199979	48.642	ug/l	89
22) Diisopropyl ether	6.361	45	595330	51.743	ug/l	93
23) Vinyl Acetate	6.303	43	1582265	257.819	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	355365	48.118	ug/l	99
25) 2-Butanone	7.208	43	239283	252.527	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	296430	47.066	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	224485	49.347	ug/l	91
28) Bromochloromethane	7.538	49	124569	48.960	ug/l #	81
29) Tetrahydrofuran	7.555	42	154767	252.596	ug/l	90
30) Chloroform	7.703	83	382134	49.562	ug/l	100
31) Cyclohexane	7.979	56	299273	45.801	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	328850	48.766	ug/l	97
36) 1,1-Dichloropropene	8.108	75	276806	49.385	ug/l	96
37) Ethyl Acetate	7.285	43	109903	49.640	ug/l #	92
38) Carbon Tetrachloride	8.091	117	278513	49.019	ug/l	99
39) Methylcyclohexane	9.349	83	308753	49.427	ug/l	98
40) Benzene	8.344	78	811397	50.229	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	62662	48.578	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	227041	50.512	ug/l	96
43) Isopropyl Acetate	8.450	43	209350	51.158	ug/l #	92
44) Trichloroethene	9.108	130	213140	49.479	ug/l	94
45) 1,2-Dichloropropane	9.379	63	210061	51.635	ug/l	100
46) Dibromomethane	9.467	93	114045	51.042	ug/l	98
47) Bromodichloromethane	9.655	83	289779	50.688	ug/l	99
48) Methyl methacrylate	9.449	41	108288	52.596	ug/l #	87
49) 1,4-Dioxane	9.455	88	25067	1086.379	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	569837	268.104	ug/l	94
52) Toluene	10.396	92	533311	52.244	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	264106	51.136	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	312479	50.558	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	156956	51.948	ug/l	97
56) Ethyl methacrylate	10.655	69	184845	55.025	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	264220	52.118	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	382892	240.777	ug/l	96
59) 2-Hexanone	10.973	43	383438	273.636	ug/l	93
60) Dibromochloromethane	11.132	129	200278	53.160	ug/l	98
61) 1,2-Dibromoethane	11.238	107	150136	52.001	ug/l	99
64) Tetrachloroethene	10.867	164	174451	48.989	ug/l	94
65) Chlorobenzene	11.661	112	561739	50.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	215441	52.083	ug/l	98
67) Ethyl Benzene	11.732	91	1022698	52.232	ug/l	100
68) m/p-Xylenes	11.843	106	800252	105.199	ug/l	98
69) o-Xylene	12.173	106	371072	53.100	ug/l	96
70) Styrene	12.185	104	649305	54.005	ug/l	97
71) Bromoform	12.349	173	110783	52.037	ug/l #	97
73) Isopropylbenzene	12.467	105	986738	51.700	ug/l	100
74) N-amyl acetate	12.279	43	213103	51.182	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	177127	50.319	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	222734	84.791	ug/l #	100
77) Bromobenzene	12.749	156	227078	50.542	ug/l	93
78) n-propylbenzene	12.808	91	1235411	51.559	ug/l	99
79) 2-Chlorotoluene	12.896	91	702194	50.756	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	846573	52.362	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	55998	51.177	ug/l	87
82) 4-Chlorotoluene	12.990	91	743579	51.278	ug/l	100
83) tert-Butylbenzene	13.208	119	720023	52.841	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	843819	52.831	ug/l	99
85) sec-Butylbenzene	13.385	105	1075350	51.685	ug/l	99
86) p-Isopropyltoluene	13.502	119	889565	52.450	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	455461	50.294	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	453408	49.598	ug/l	99
89) n-Butylbenzene	13.826	91	851088	52.667	ug/l	99
90) Hexachloroethane	14.096	117	178019	50.727	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	395126	50.428	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	26509	49.176	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	235844	53.017	ug/l	99
94) Hexachlorobutadiene	15.249	225	124026	49.477	ug/l	98
95) Naphthalene	15.384	128	423278	48.432	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	209104	53.023	ug/l	98

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

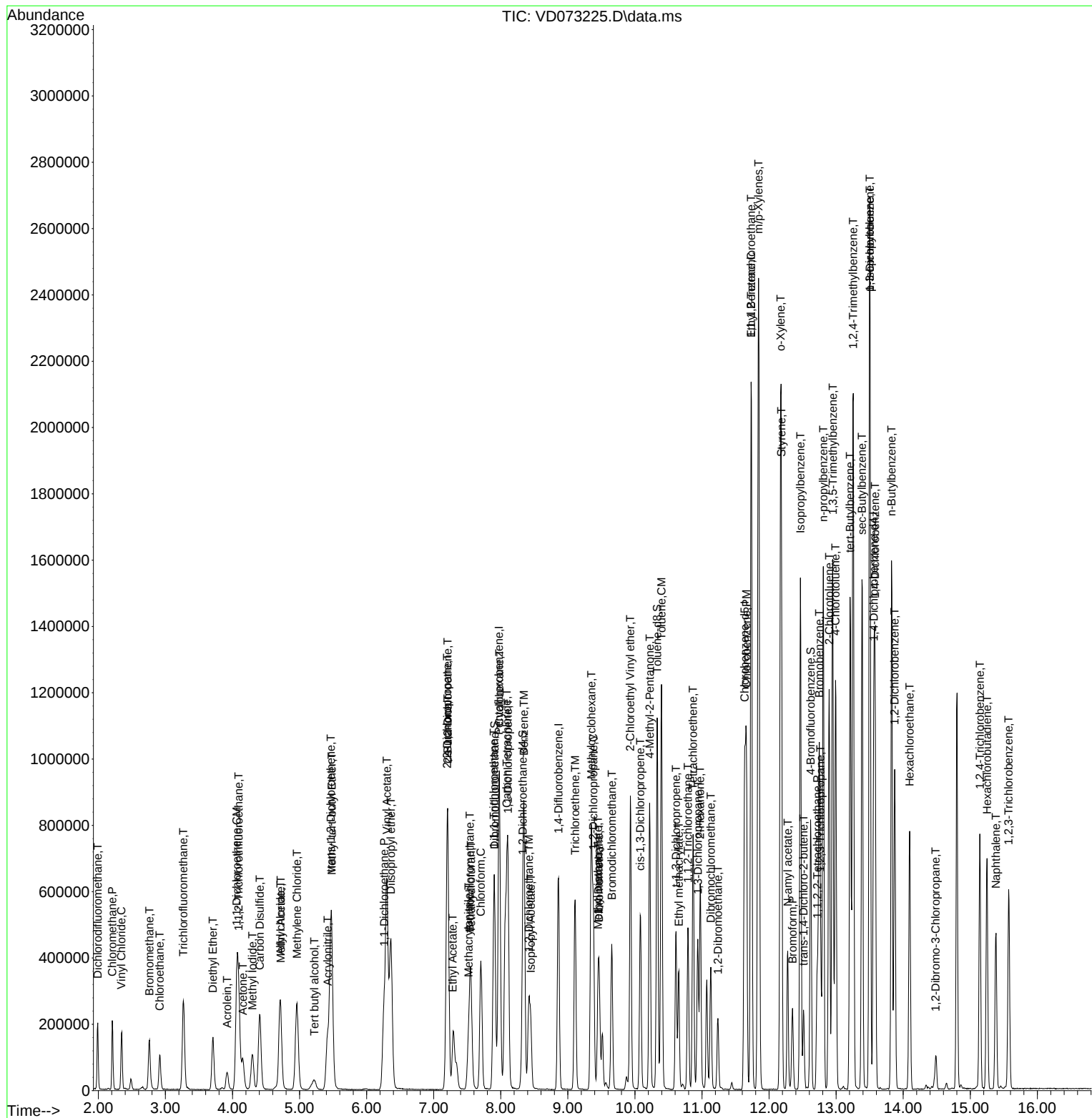
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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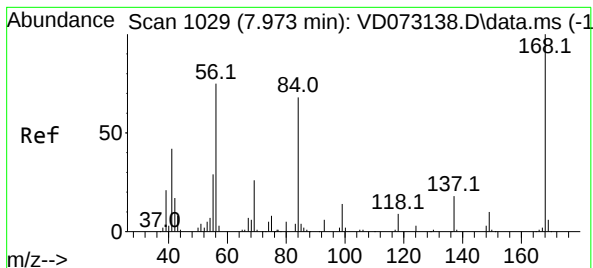
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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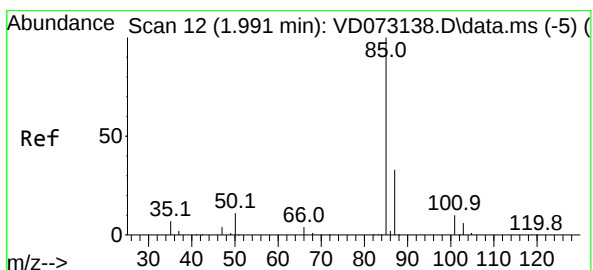
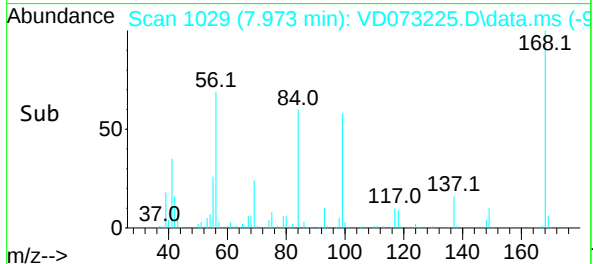
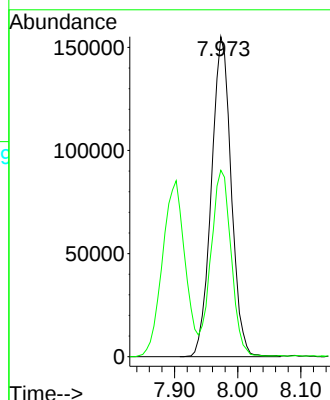
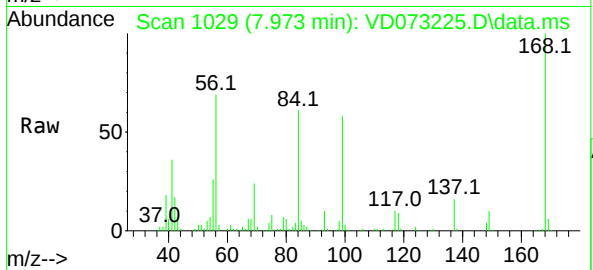




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073225.D
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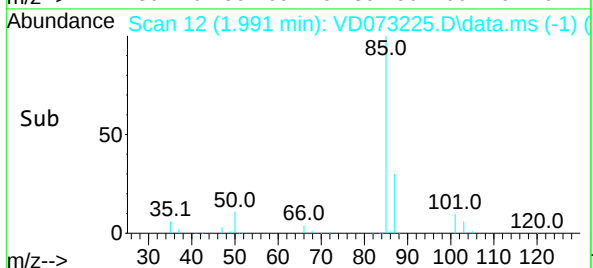
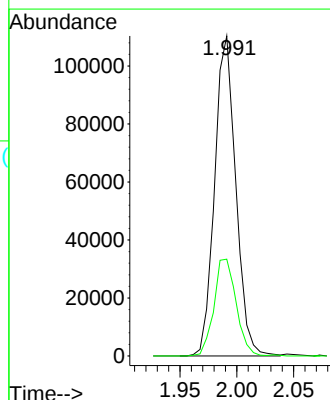
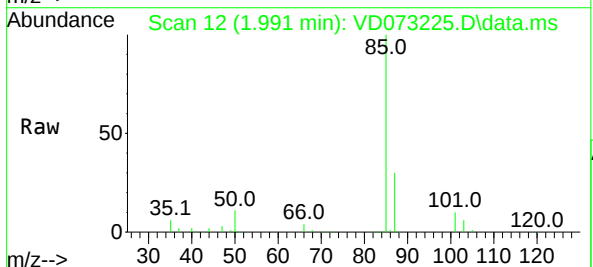
Instrument :
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VSTDCCC050EC

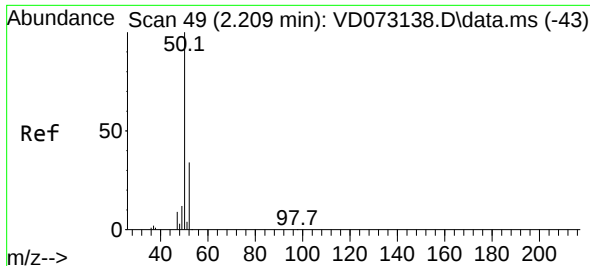
Tgt Ion:168 Resp: 338343
Ion Ratio Lower Upper
168 100
99 57.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 42.285 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 85 Resp: 142957
Ion Ratio Lower Upper
85 100
87 30.3 15.7 47.0

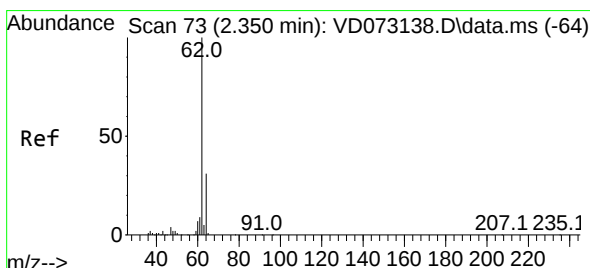
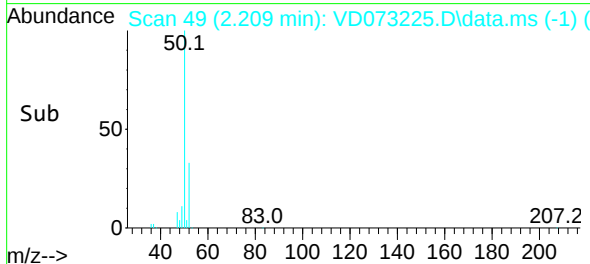
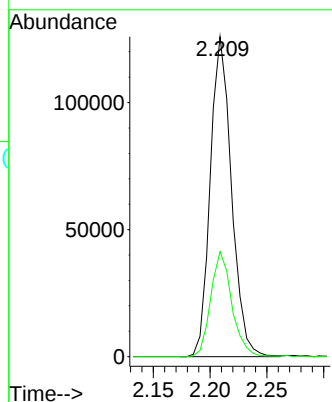
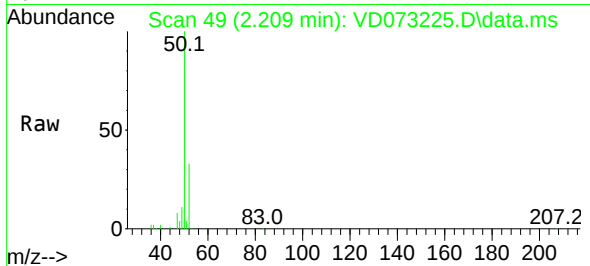




#3
Chloromethane
Concen: 42.747 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

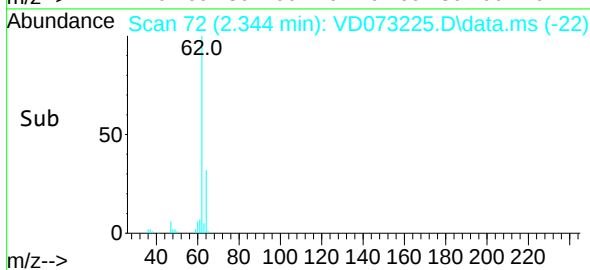
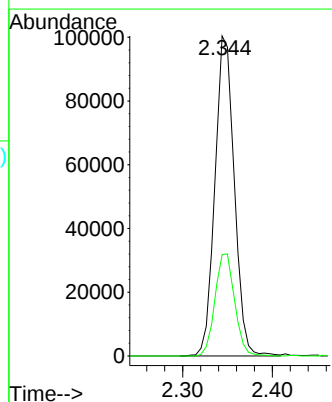
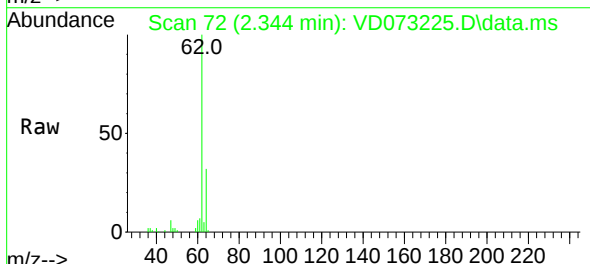
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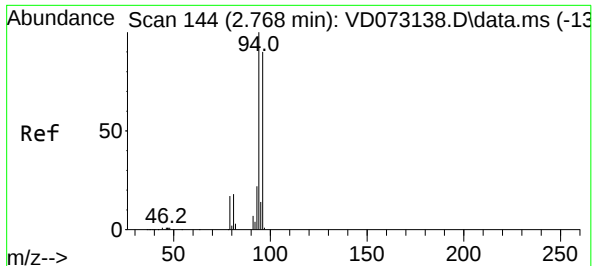
Tgt Ion: 50 Resp: 163417
Ion Ratio Lower Upper
50 100
52 32.9 27.4 41.0



#4
Vinyl Chloride
Concen: 43.069 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 62 Resp: 150558
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

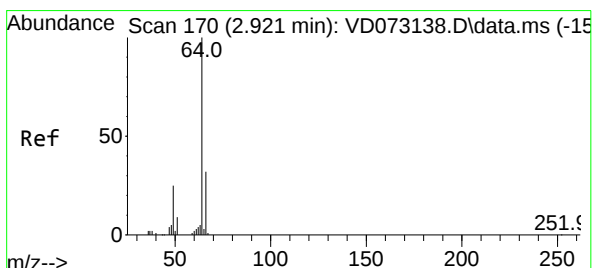
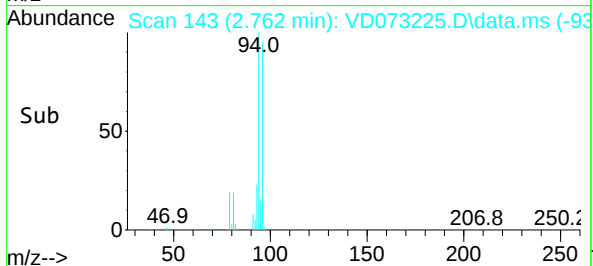
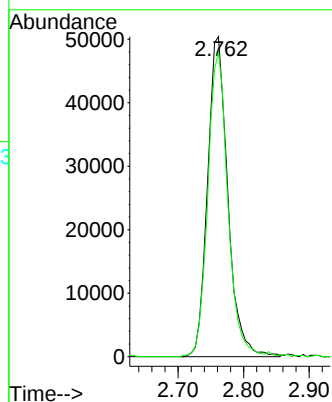
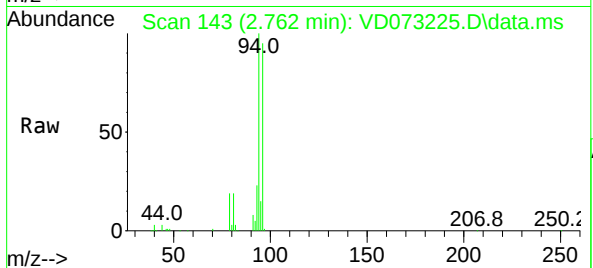




#5
Bromomethane
Concen: 48.177 ug/l
RT: 2.762 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD073225.D
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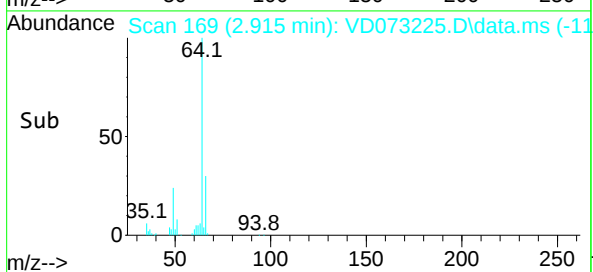
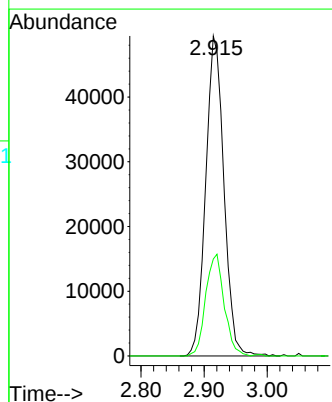
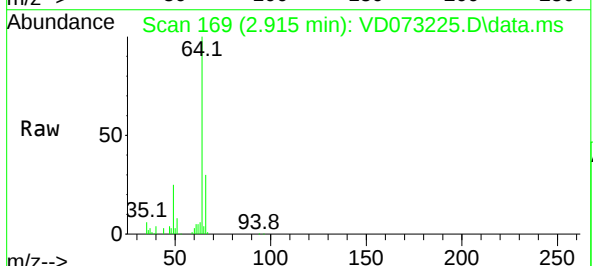
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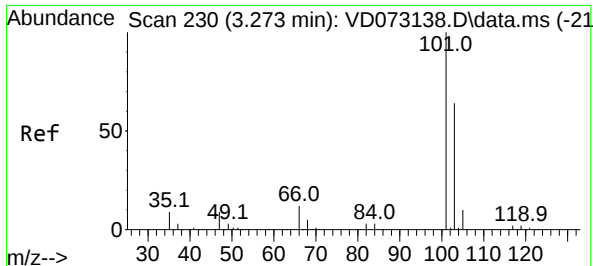
Tgt Ion: 94 Resp: 108297
Ion Ratio Lower Upper
94 100
96 95.2 77.6 116.4



#6
Chloroethane
Concen: 45.920 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 64 Resp: 98681
Ion Ratio Lower Upper
64 100
66 30.3 25.9 38.9

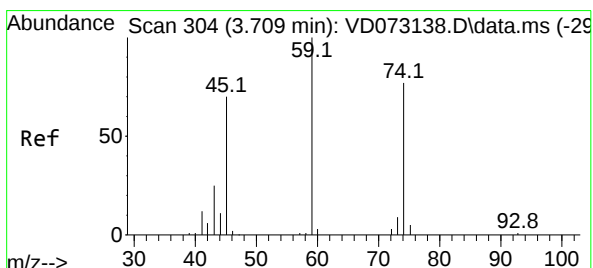
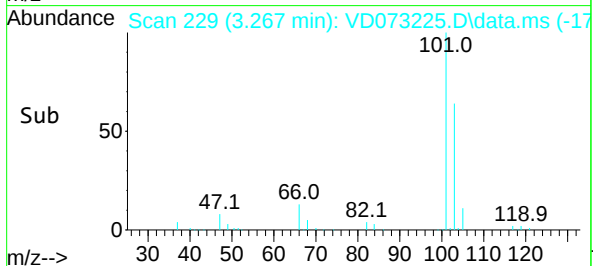
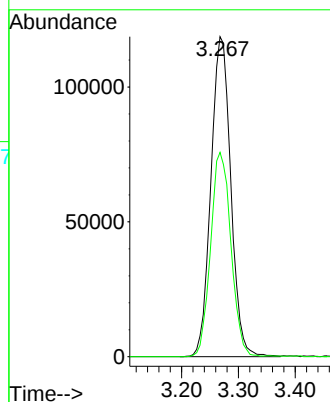
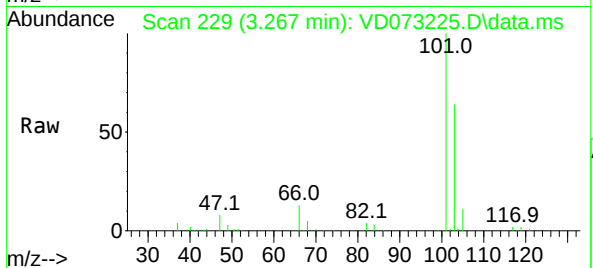




#7
Trichlorofluoromethane
Concen: 46.609 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

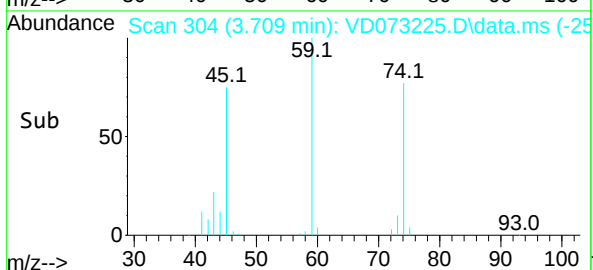
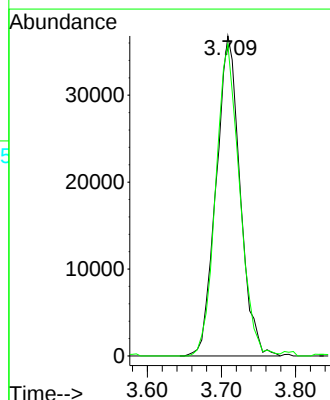
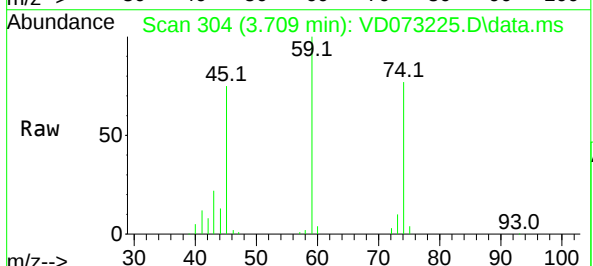
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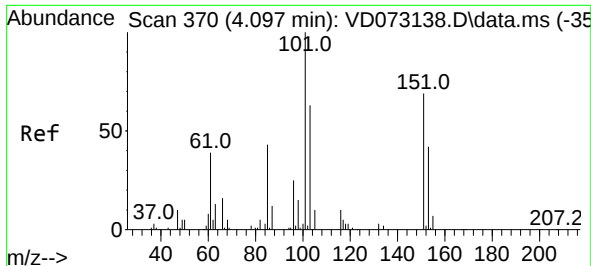
Tgt Ion:101 Resp: 288103
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1



#8
Diethyl Ether
Concen: 48.602 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073225.D
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Tgt Ion: 74 Resp: 82551
Ion Ratio Lower Upper
74 100
45 97.2 52.6 157.8

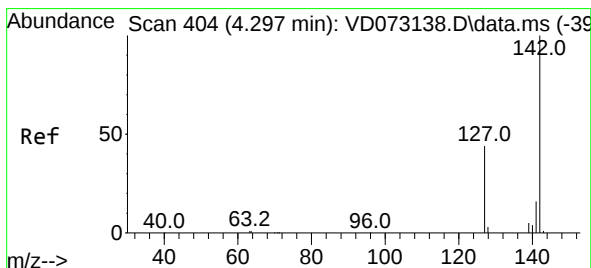
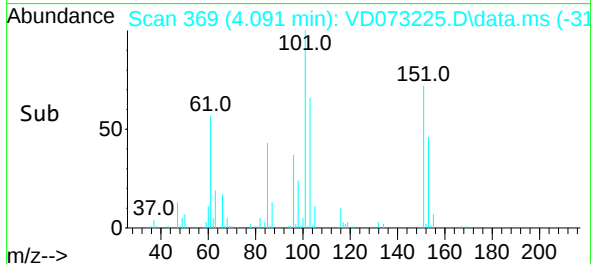
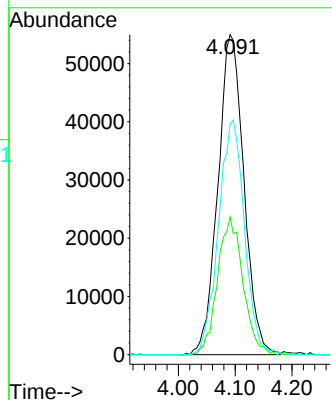
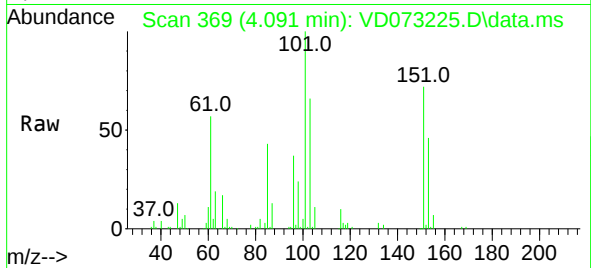




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.430 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

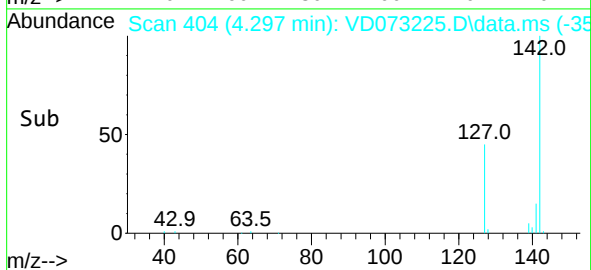
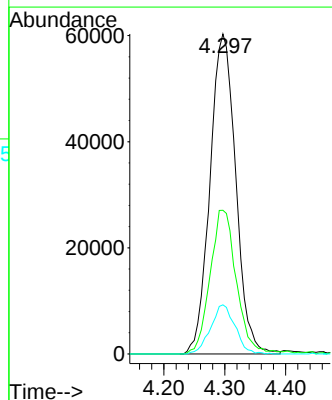
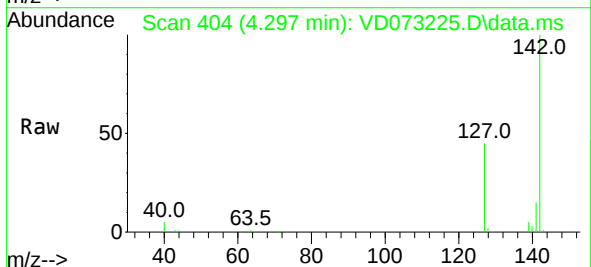
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

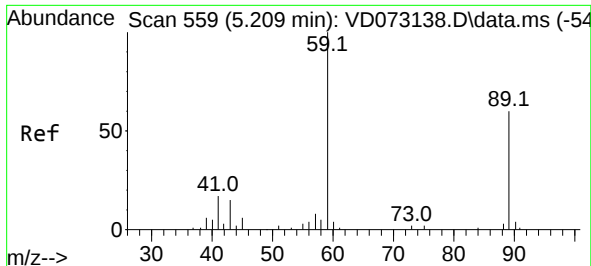
Tgt Ion:101 Resp: 174925
Ion Ratio Lower Upper
101 100
85 42.0 36.4 54.6
151 73.6 57.3 85.9



#10
Methyl Iodide
Concen: 44.573 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion:142 Resp: 177360
Ion Ratio Lower Upper
142 100
127 45.8 37.3 55.9
141 14.6 11.7 17.5

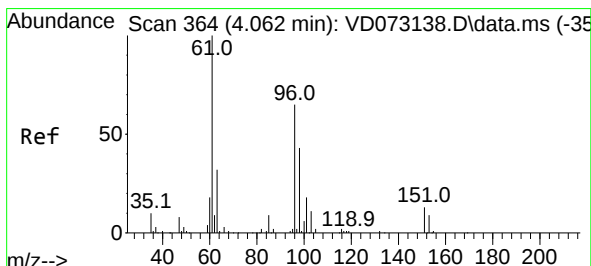
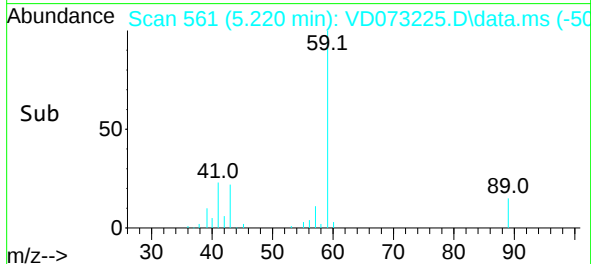
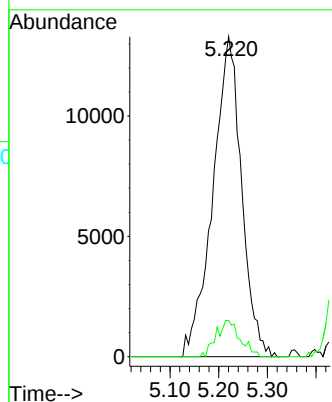
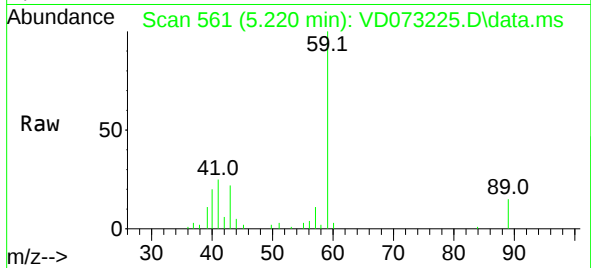




#11
Tert butyl alcohol
Concen: 93.911 ug/l
RT: 5.220 min Scan# 511
Delta R.T. 0.011 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

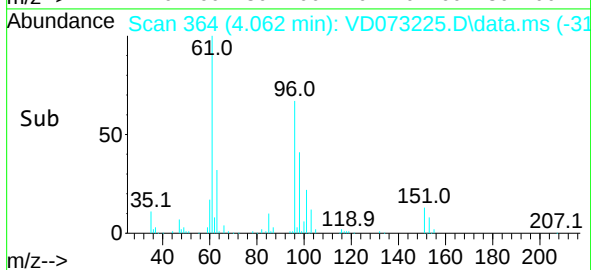
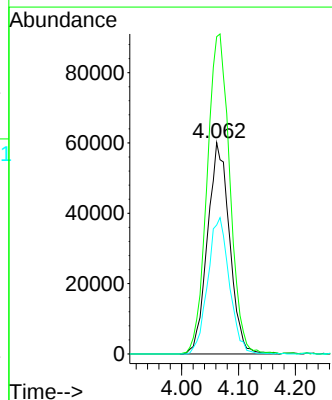
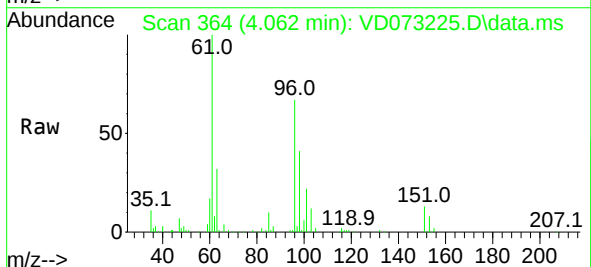
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

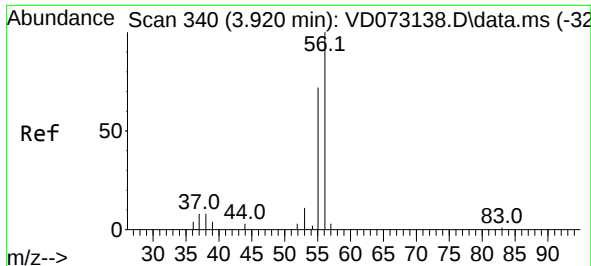
Tgt Ion: 59 Resp: 54481
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.6



#12
1,1-Dichloroethene
Concen: 47.571 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 96 Resp: 161754
Ion Ratio Lower Upper
96 100
61 150.1 138.5 207.7
98 61.0 48.6 73.0

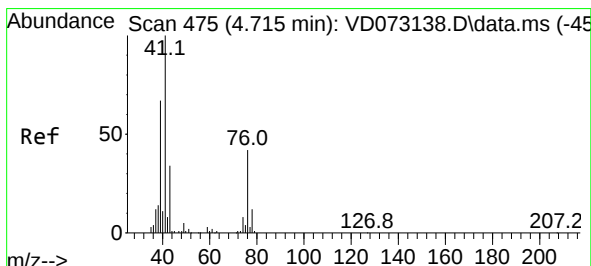
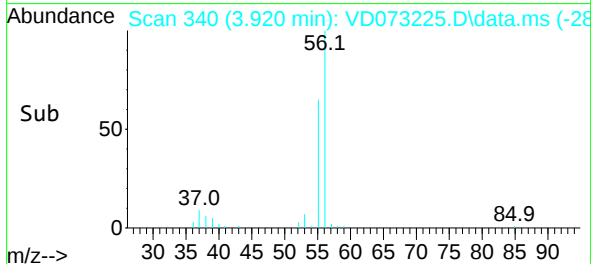
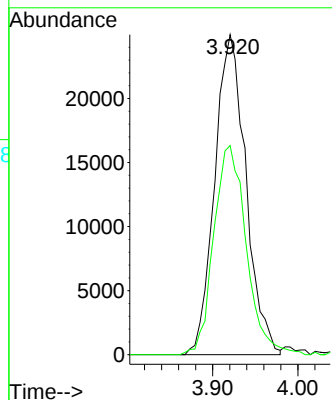
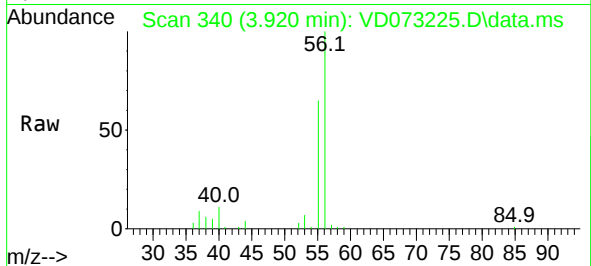




#13
Acrolein
Concen: 279.751 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

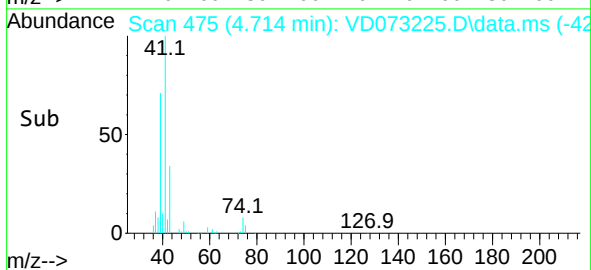
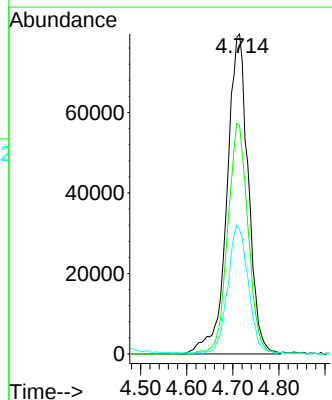
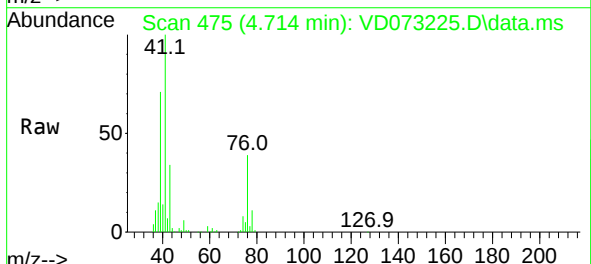
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

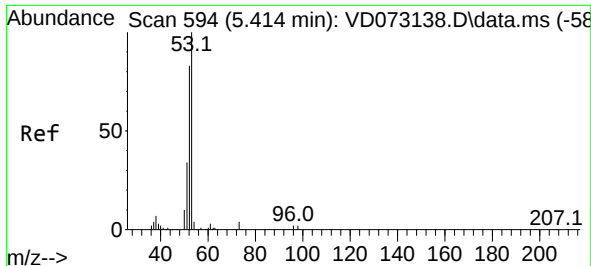
Tgt Ion: 56 Resp: 63607
Ion Ratio Lower Upper
56 100
55 68.1 57.1 85.7



#14
Allyl chloride
Concen: 46.435 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 41 Resp: 254861
Ion Ratio Lower Upper
41 100
39 69.1 59.3 88.9
76 38.1 25.7 38.5

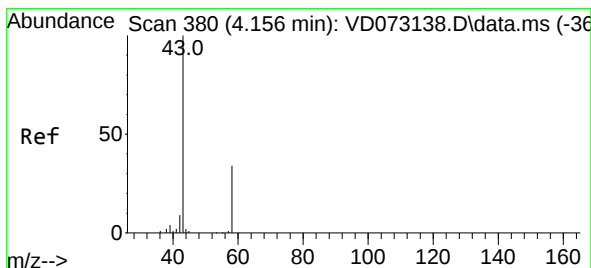
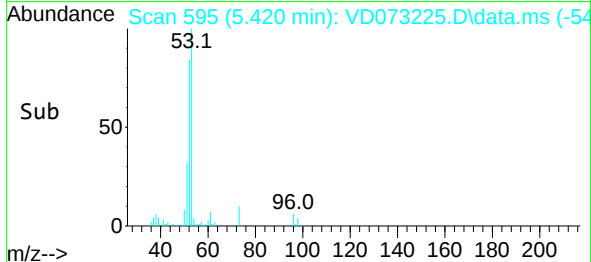
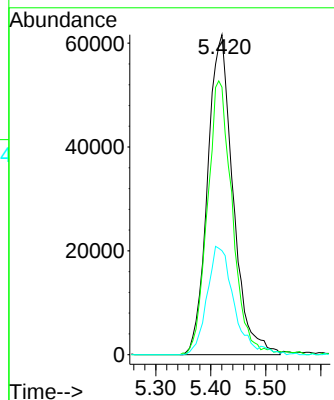
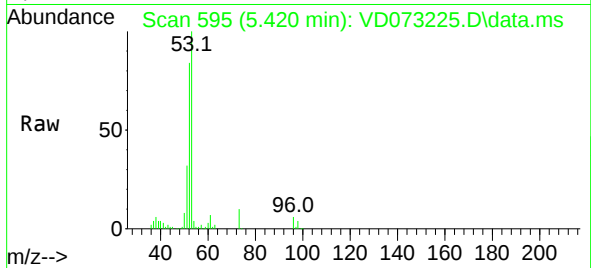




#15
Acrylonitrile
Concen: 255.355 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

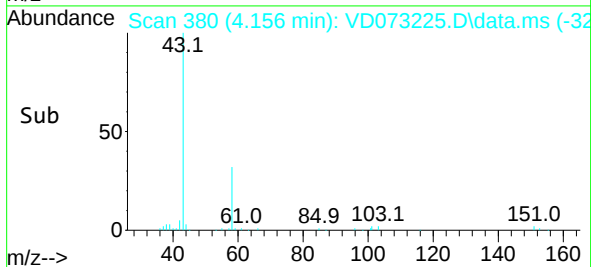
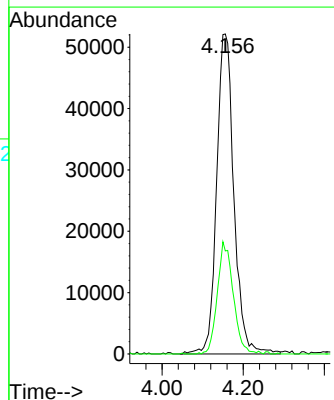
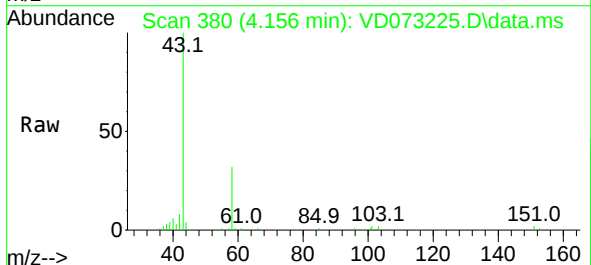
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

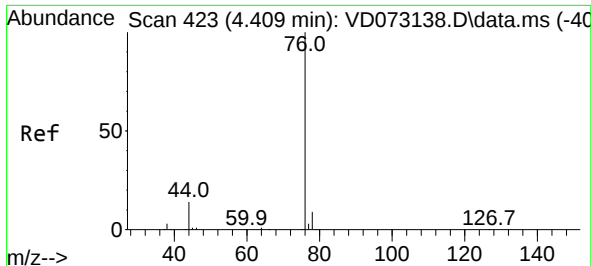
Tgt Ion: 53 Resp: 198330
Ion Ratio Lower Upper
53 100
52 83.8 67.2 100.8
51 34.6 30.3 45.5



#16
Acetone
Concen: 238.450 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 43 Resp: 154435
Ion Ratio Lower Upper
43 100
58 32.2 22.1 33.1

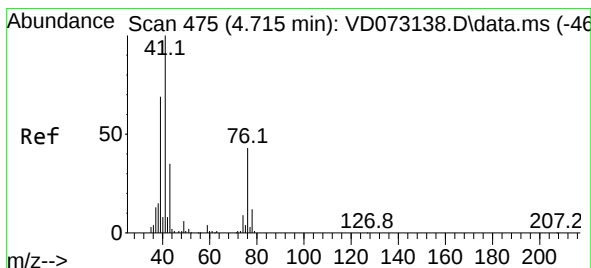
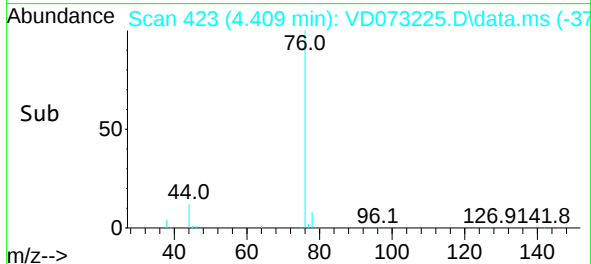
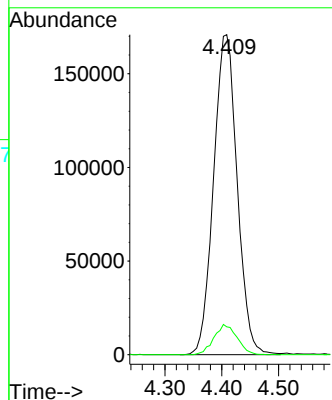
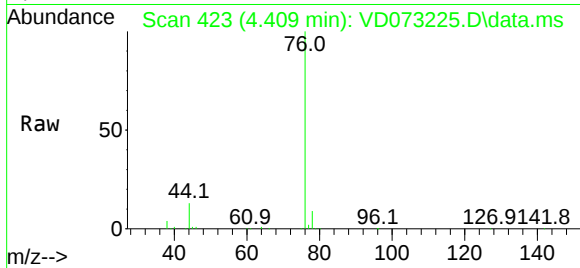




#17
Carbon Disulfide
Concen: 43.761 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

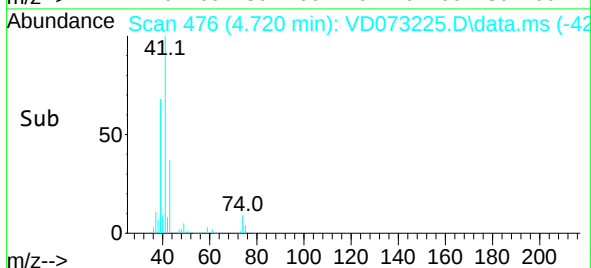
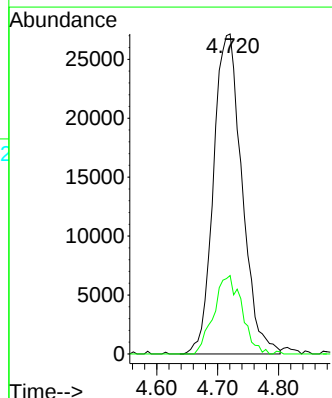
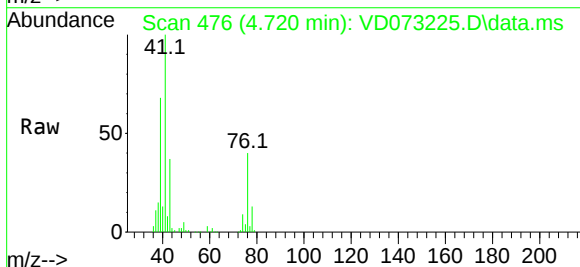
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

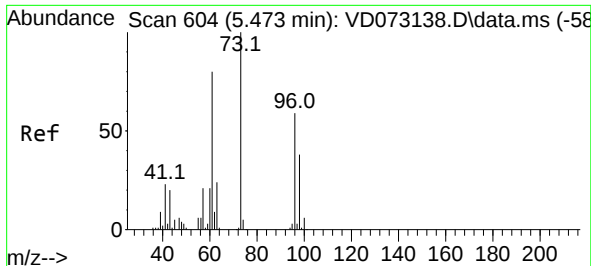
Tgt Ion: 76 Resp: 493271
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 48.972 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 43 Resp: 88196
Ion Ratio Lower Upper
43 100
74 24.1 16.7 25.1

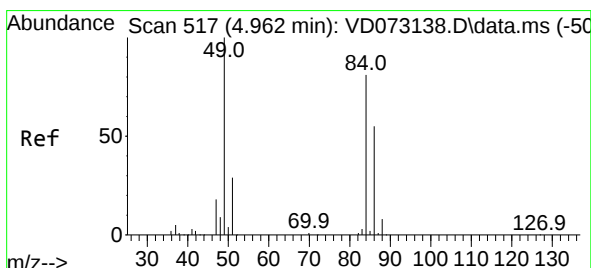
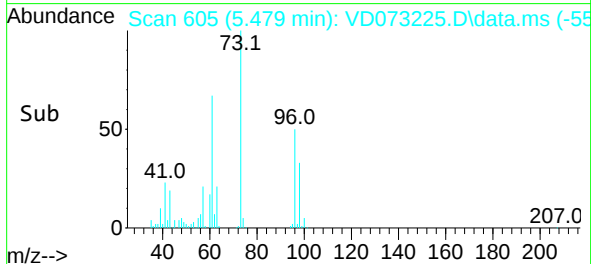
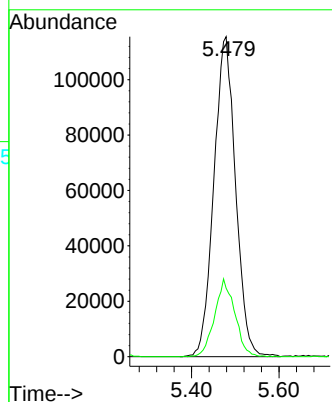
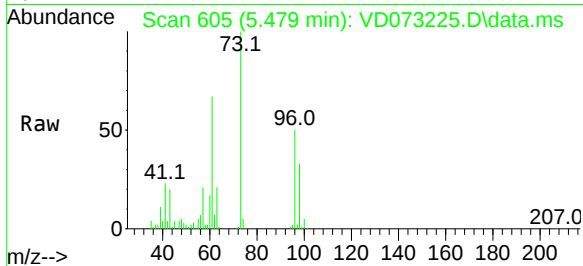




#19
Methyl tert-butyl Ether
Concen: 51.227 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

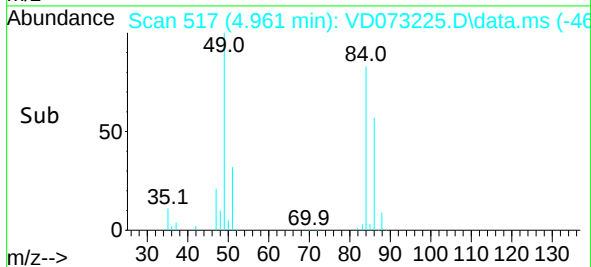
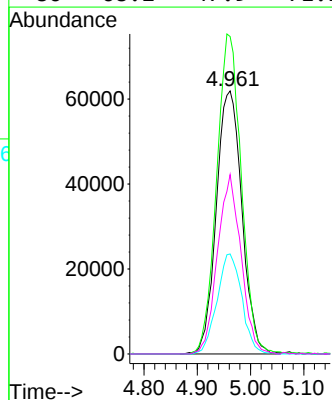
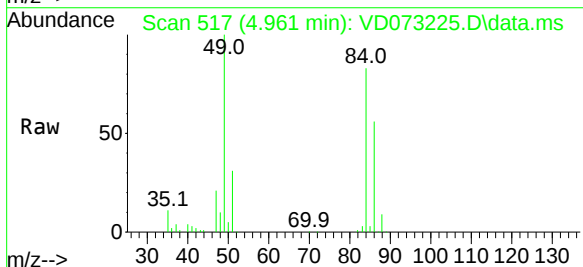
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

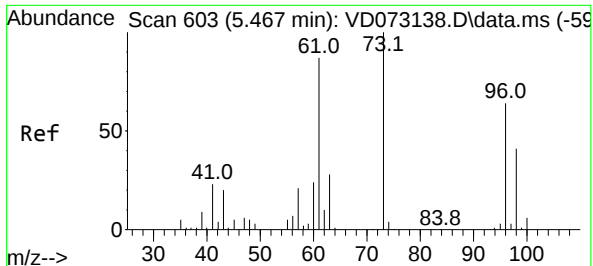
Tgt Ion: 73 Resp: 396820
Ion Ratio Lower Upper
73 100
57 21.4 18.0 27.0



#20
Methylene Chloride
Concen: 50.373 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

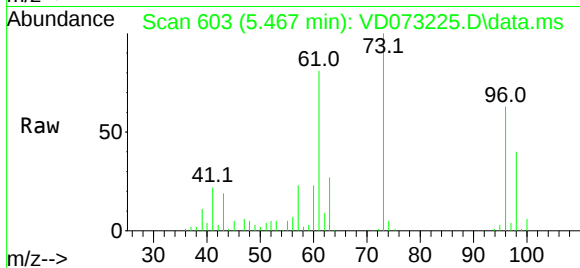
Tgt Ion: 84 Resp: 206811
Ion Ratio Lower Upper
84 100
49 120.7 112.8 169.2
51 38.0 32.6 48.8
86 68.2 47.9 71.9





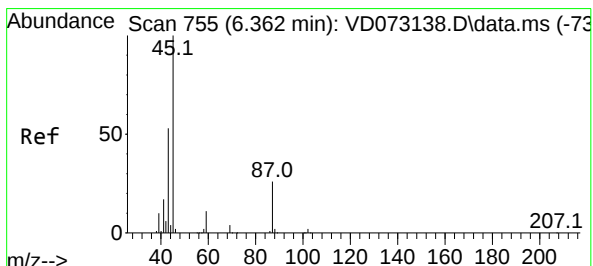
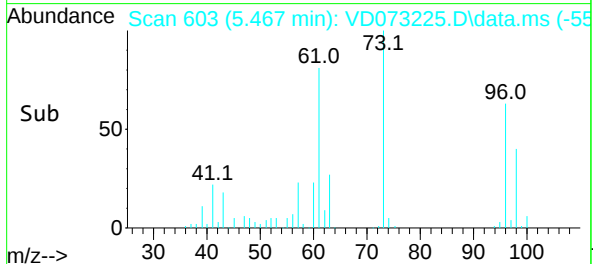
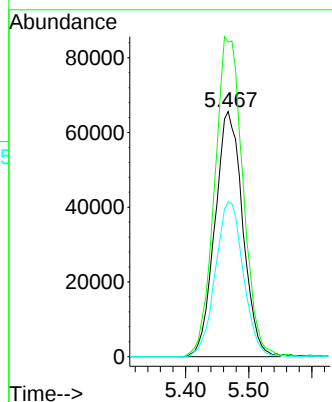
#21
trans-1,2-Dichloroethene
Concen: 48.642 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 199979

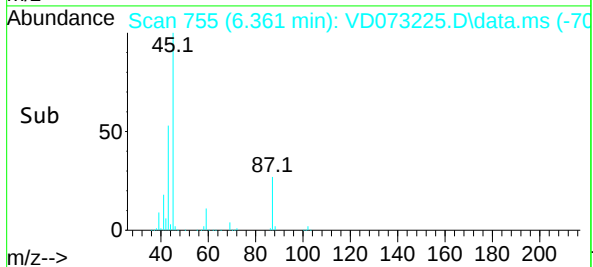
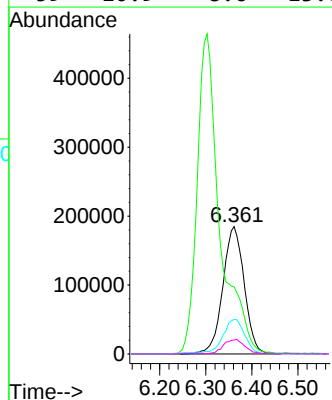
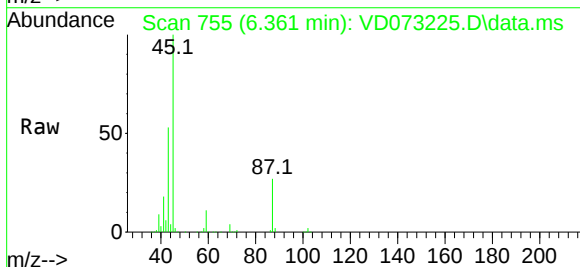
Ion	Ratio	Lower	Upper
96	100		
61	128.3	117.9	176.9
98	63.2	49.4	74.2

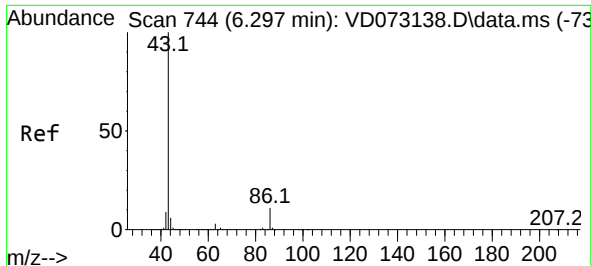


#22
Diisopropyl ether
Concen: 51.743 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 45 Resp: 595330

Ion	Ratio	Lower	Upper
45	100		
43	52.0	46.6	70.0
87	27.0	18.4	27.6
59	10.9	8.6	13.0

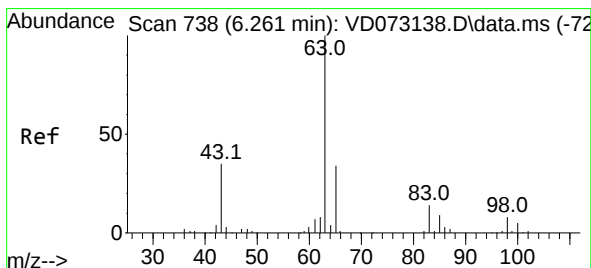
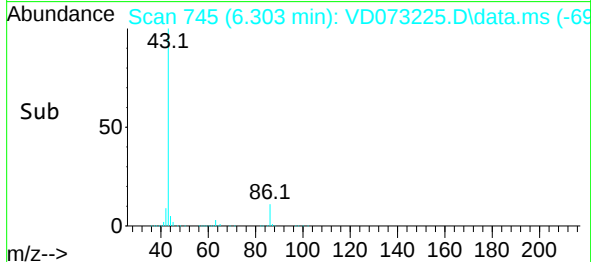
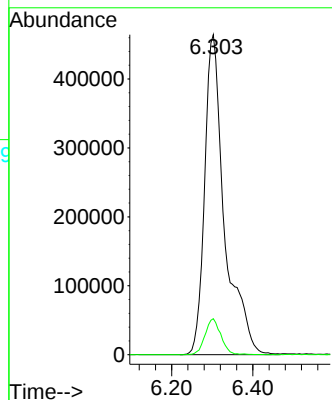
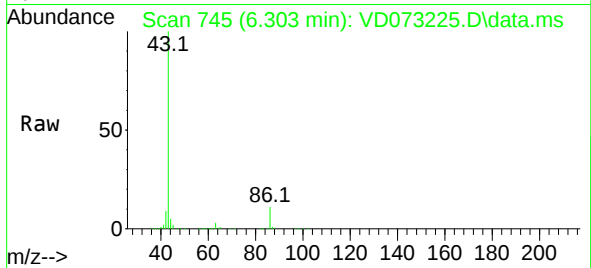




#23
 Vinyl Acetate
 Concen: 257.819 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073225.D
 Acq: 21 May 2022 12:33

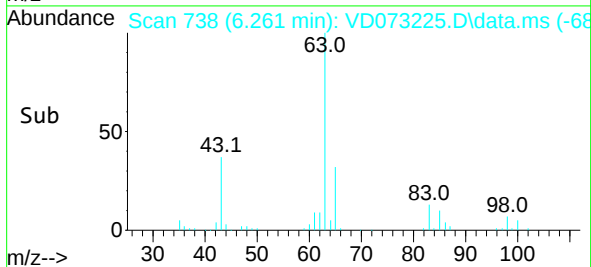
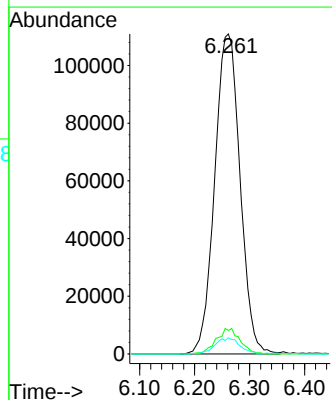
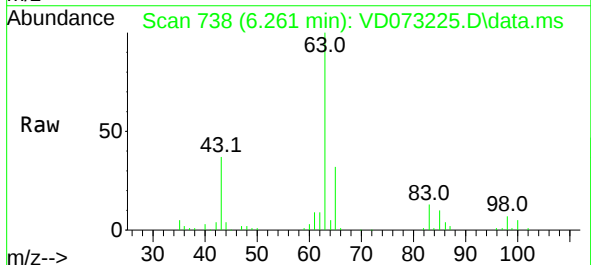
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1582265
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 48.118 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073225.D
 Acq: 21 May 2022 12:33

Tgt Ion: 63 Resp: 355365
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 5.1 2.1 6.5

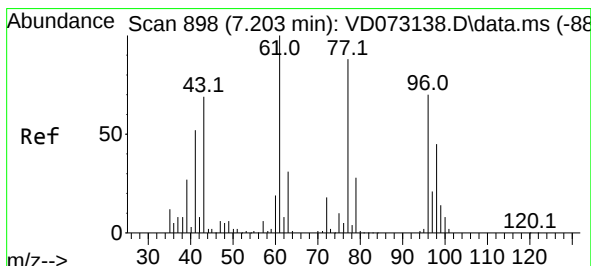
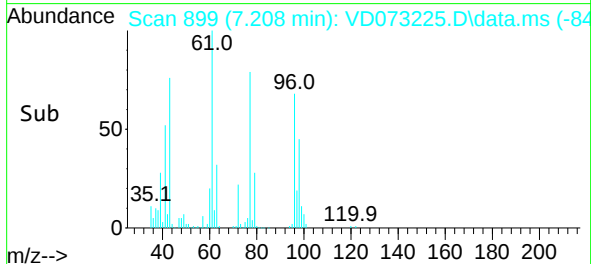
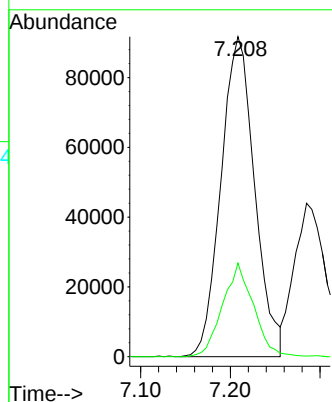
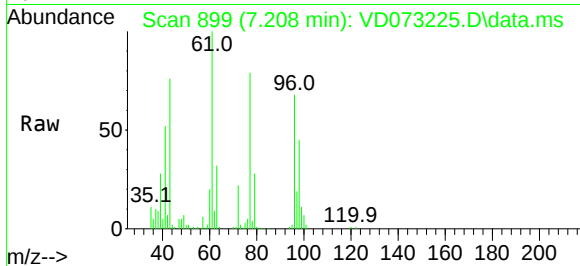




#25
2-Butanone
Concen: 252.527 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

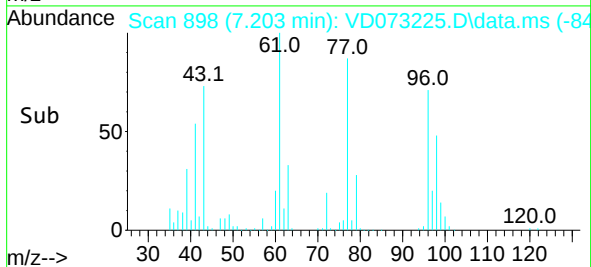
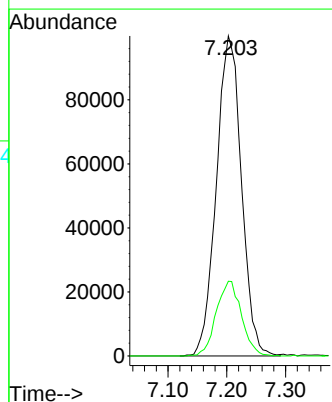
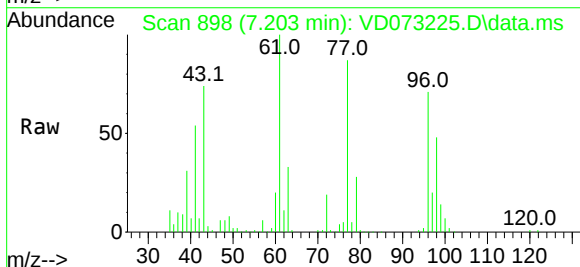
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 239283
Ion Ratio Lower Upper
43 100
72 29.2 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 47.066 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 77 Resp: 296430
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.4

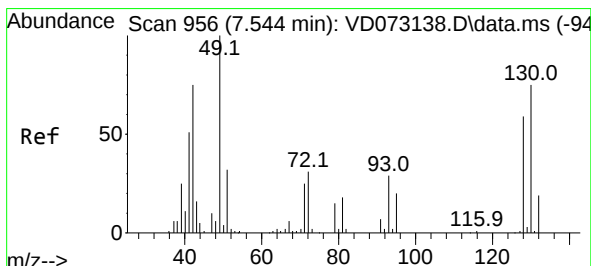
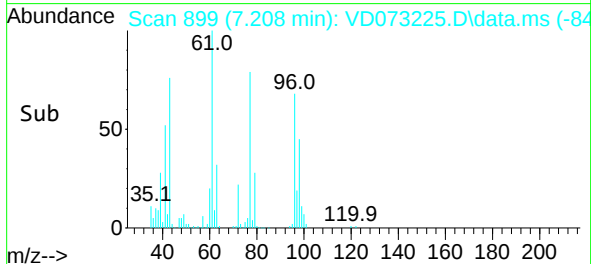
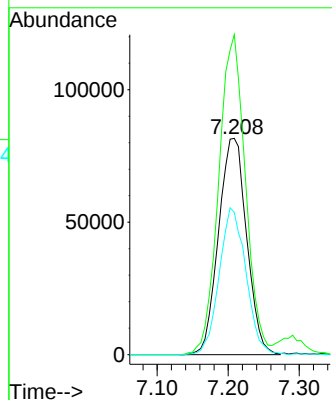
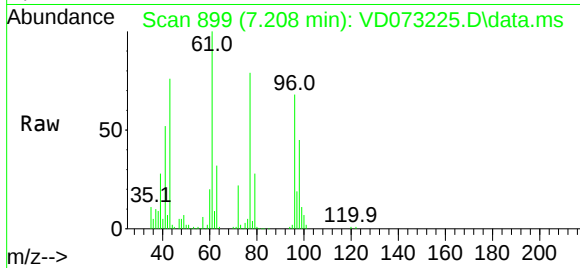




#27
 cis-1,2-Dichloroethene
 Concen: 49.347 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073225.D
 Acq: 21 May 2022 12:33

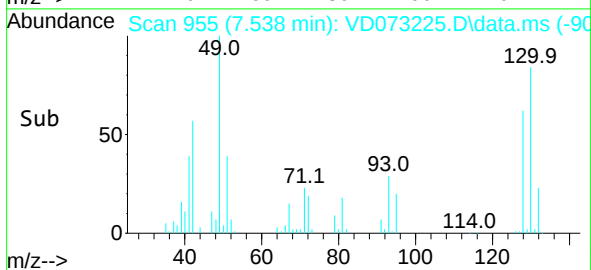
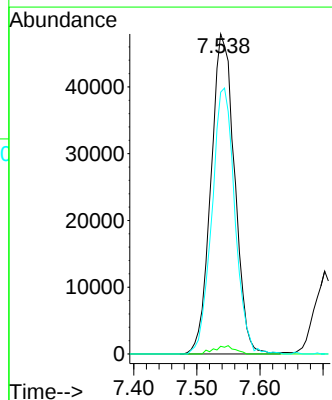
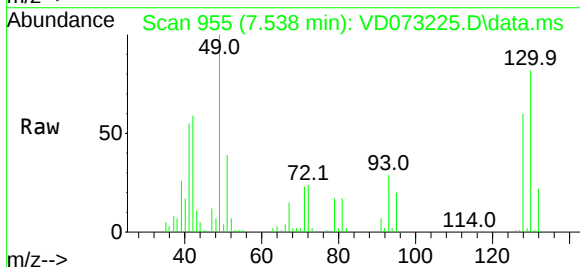
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

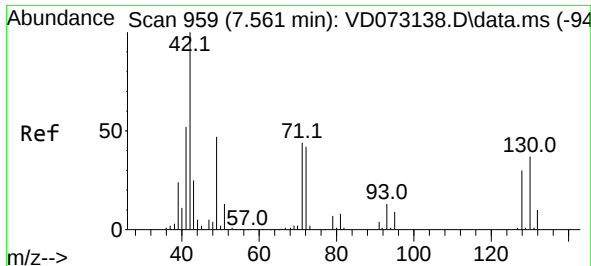
Tgt Ion: 96 Resp: 224485
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 313.8
 98 64.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 48.960 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073225.D
 Acq: 21 May 2022 12:33

Tgt Ion: 49 Resp: 124569
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 81.0 52.6 79.0#





#29

Tetrahydrofuran

Concen: 252.596 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

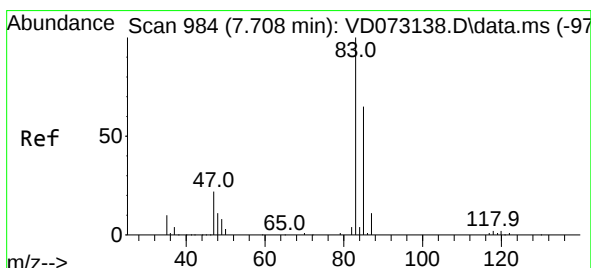
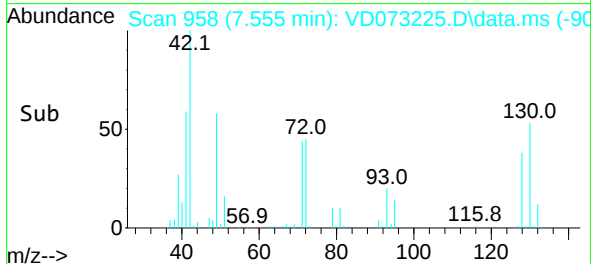
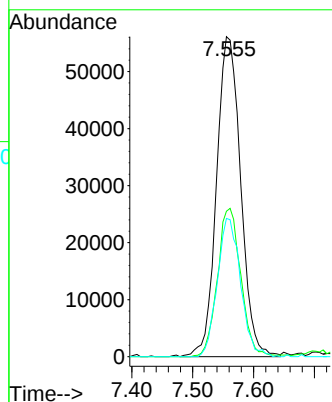
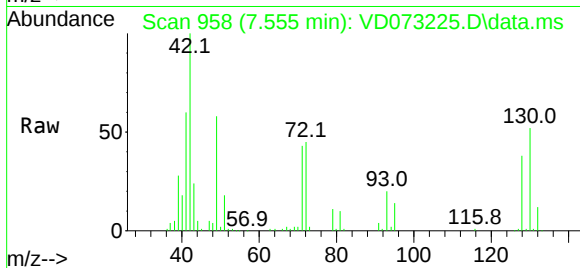
Tgt Ion: 42 Resp: 154767

Ion Ratio Lower Upper

42 100

72 44.8 30.7 46.1

71 41.6 28.6 43.0



#30

Chloroform

Concen: 49.562 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073225.D

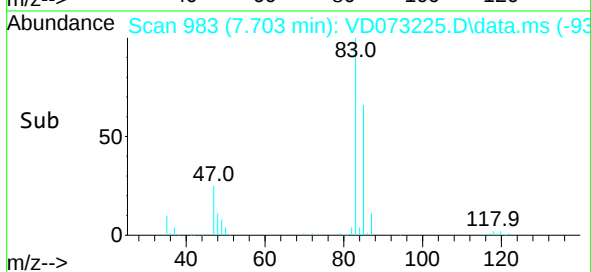
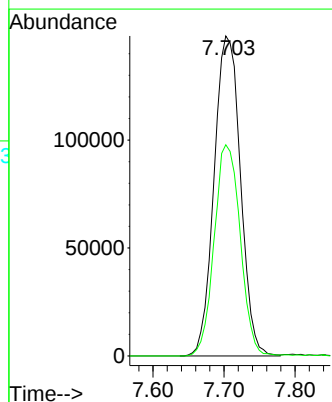
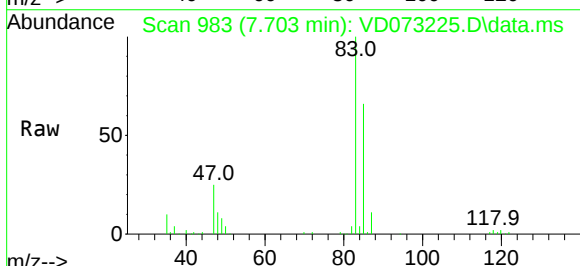
Acq: 21 May 2022 12:33

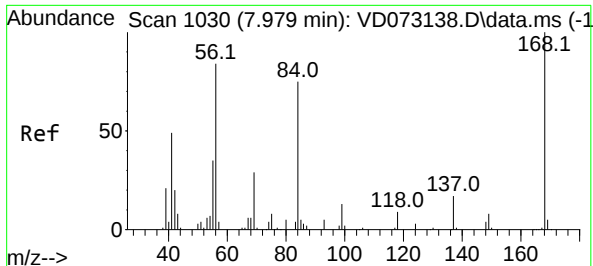
Tgt Ion: 83 Resp: 382134

Ion Ratio Lower Upper

83 100

85 66.0 52.7 79.1





#31

Cyclohexane

Concen: 45.801 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

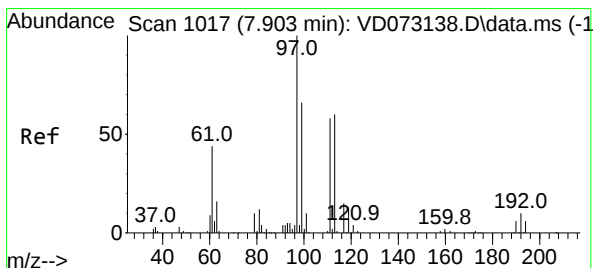
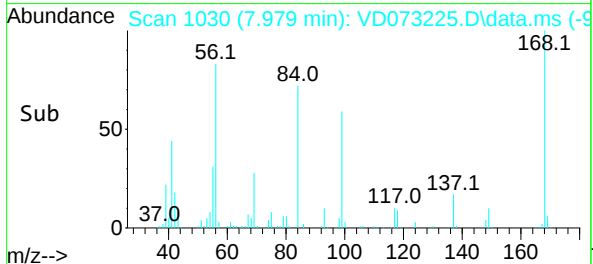
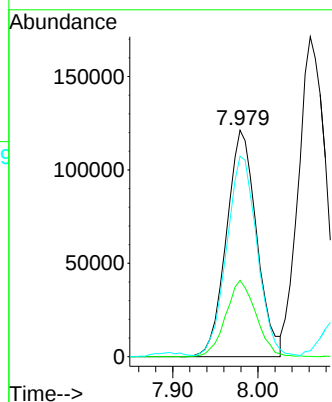
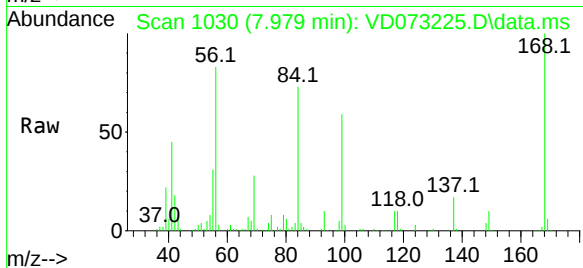
Tgt Ion: 56 Resp: 299273

Ion Ratio Lower Upper

56 100

69 33.7 25.4 38.2

84 87.0 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 48.766 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

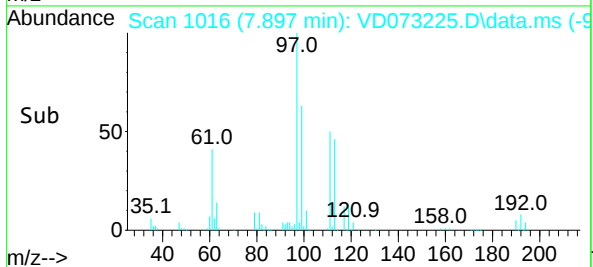
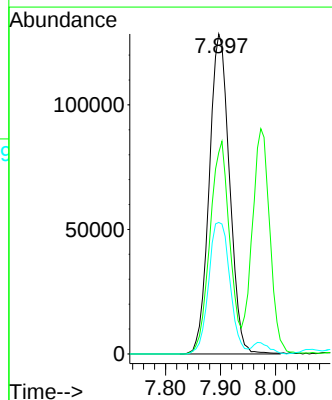
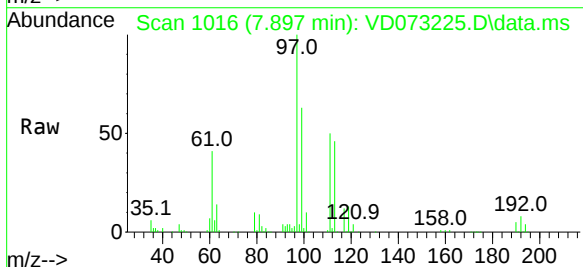
Tgt Ion: 97 Resp: 328850

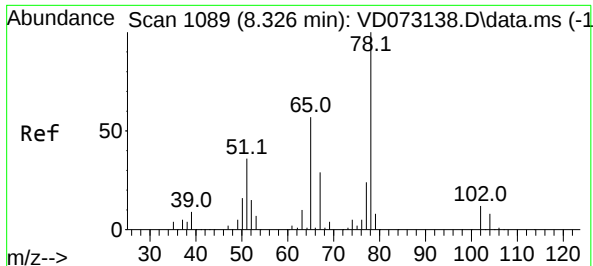
Ion Ratio Lower Upper

97 100

99 65.0 52.4 78.6

61 43.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 49.610 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

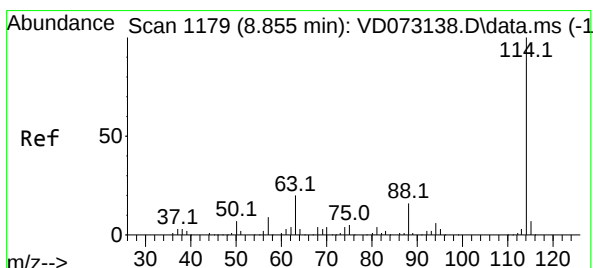
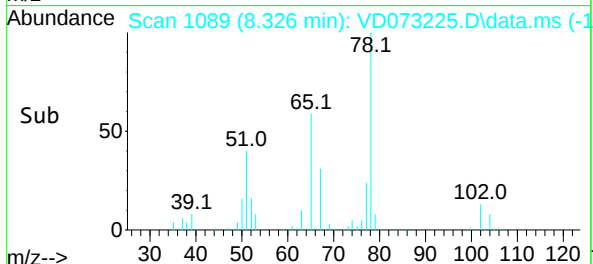
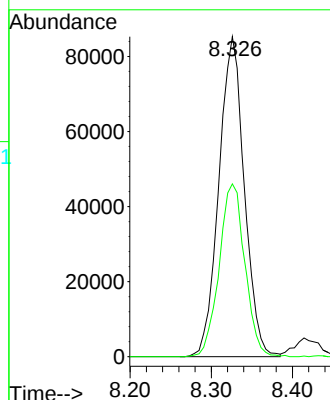
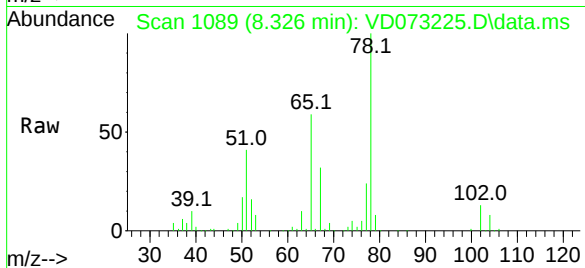
VSTDCCC050EC

Tgt Ion: 65 Resp: 185499

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

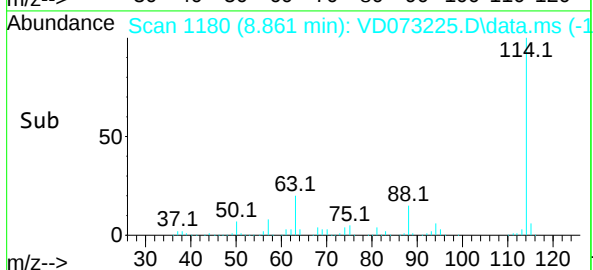
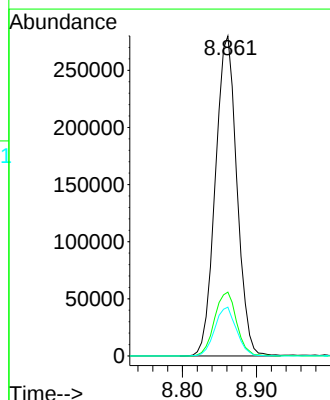
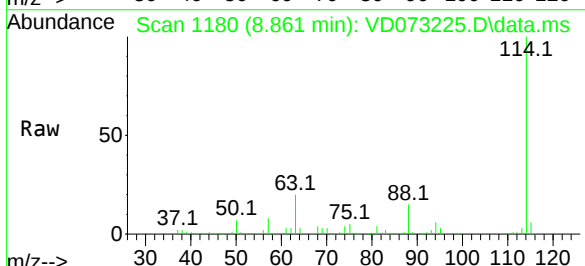
Tgt Ion: 114 Resp: 564787

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.295 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

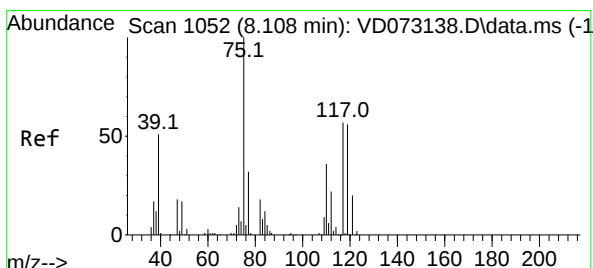
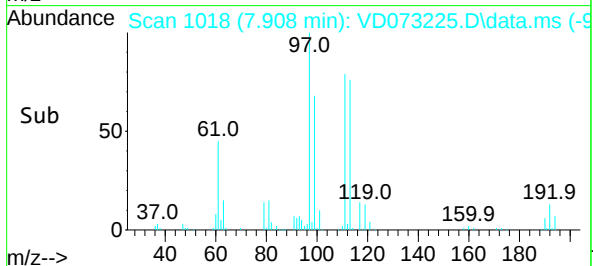
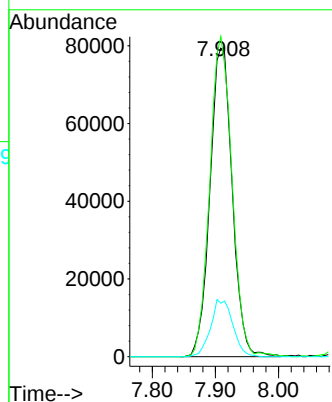
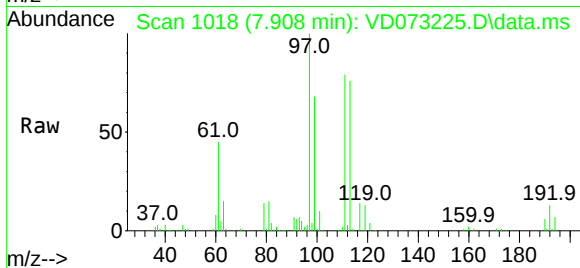
Tgt Ion:113 Resp: 194894

Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 49.385 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

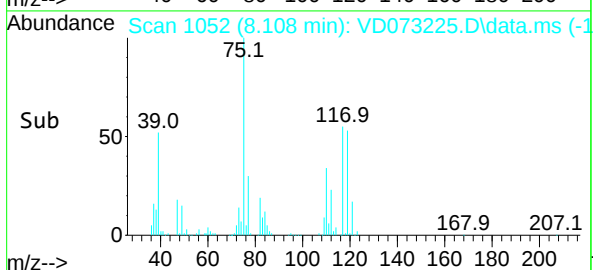
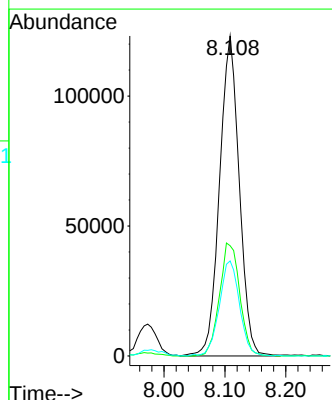
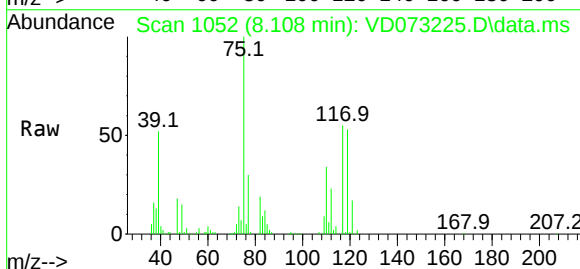
Tgt Ion: 75 Resp: 276806

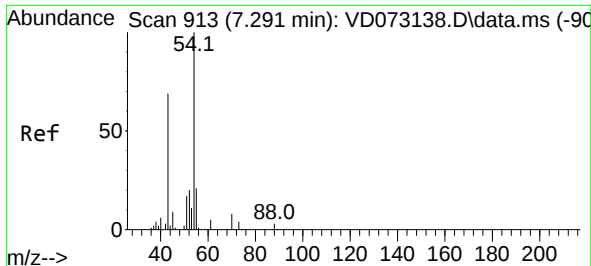
Ion Ratio Lower Upper

75 100

110 36.3 16.4 49.1

77 30.6 24.2 36.2





#37

Ethyl Acetate

Concen: 49.640 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

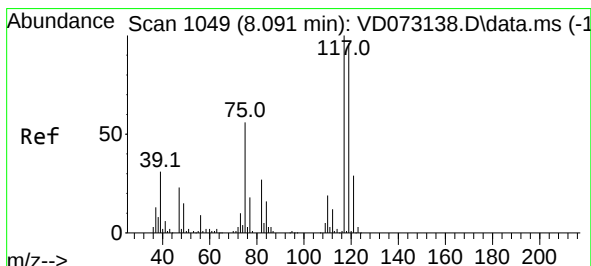
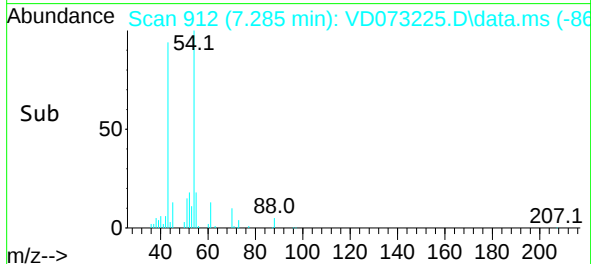
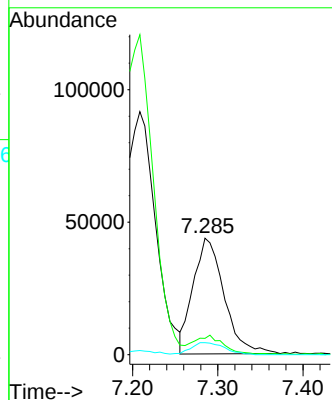
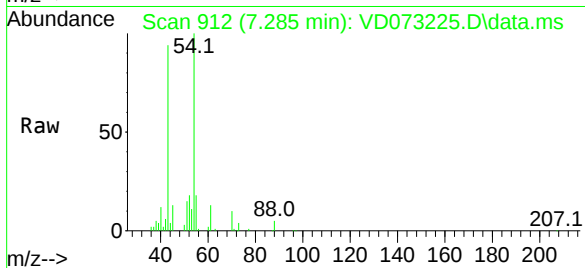
Tgt Ion: 43 Resp: 109903

Ion Ratio Lower Upper

43 100

61 15.8 9.8 14.8#

70 11.4 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 49.019 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

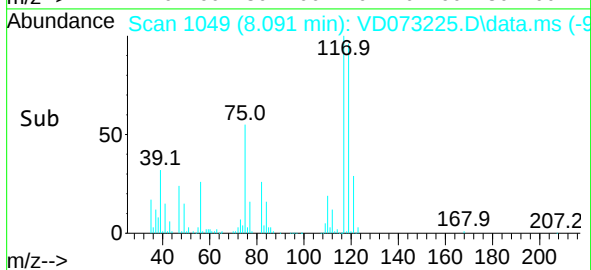
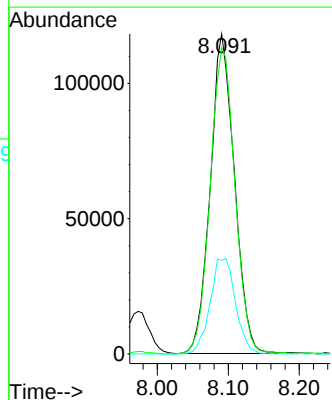
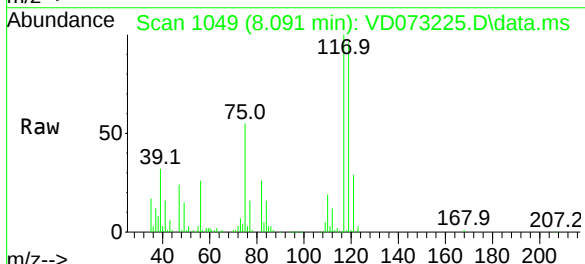
Tgt Ion: 117 Resp: 278513

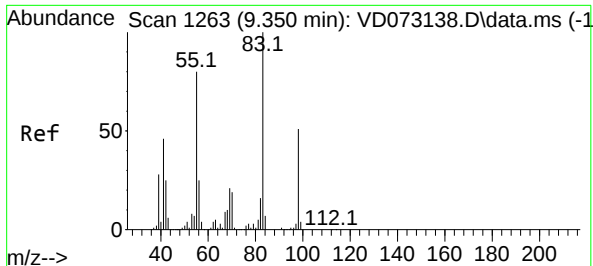
Ion Ratio Lower Upper

117 100

119 95.6 75.8 113.6

121 29.3 24.5 36.7





#39

Methylcyclohexane

Concen: 49.427 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

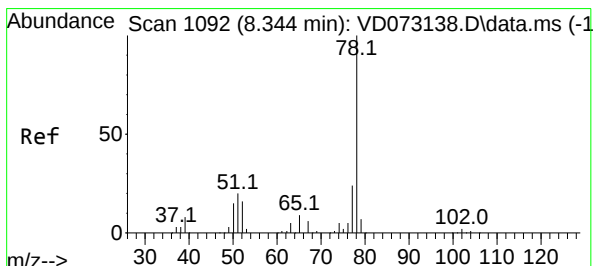
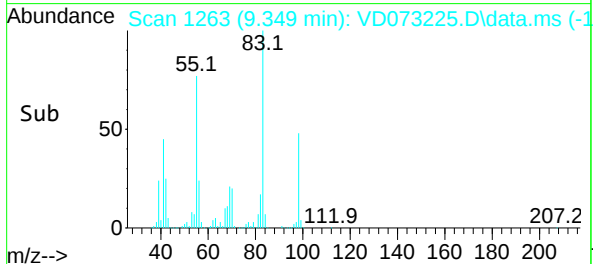
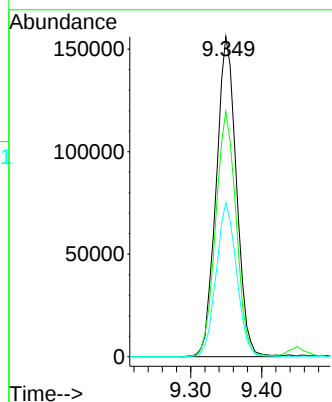
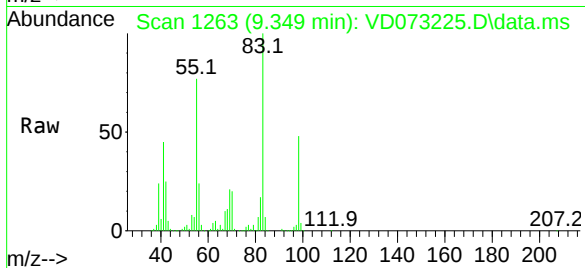
Tgt Ion: 83 Resp: 308753

Ion Ratio Lower Upper

83 100

55 76.6 63.2 94.8

98 48.2 38.2 57.4



#40

Benzene

Concen: 50.229 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073225.D

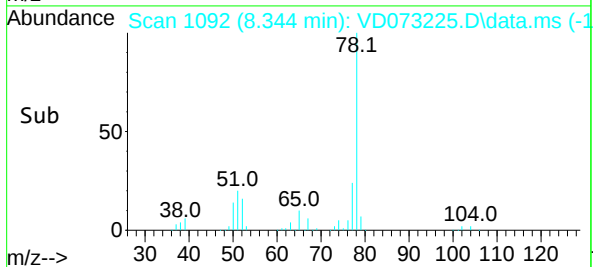
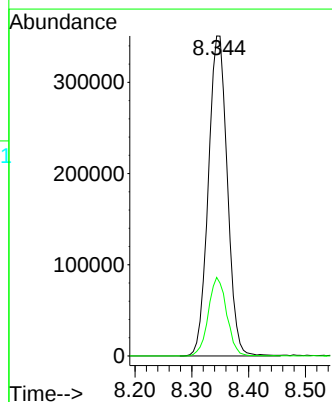
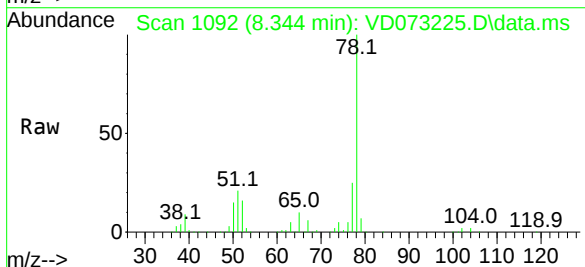
Acq: 21 May 2022 12:33

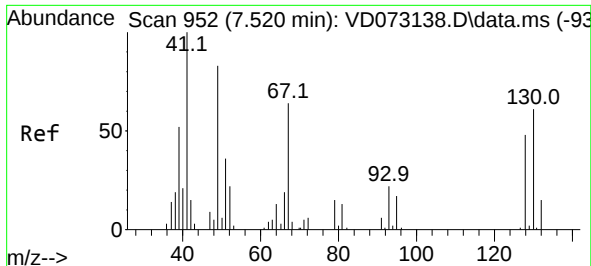
Tgt Ion: 78 Resp: 811397

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

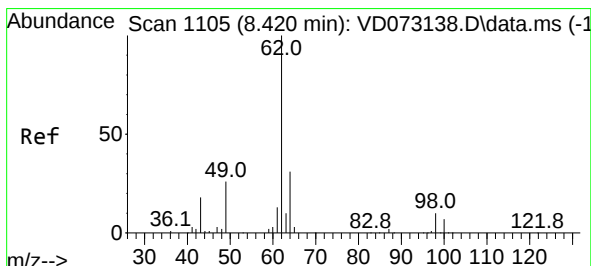
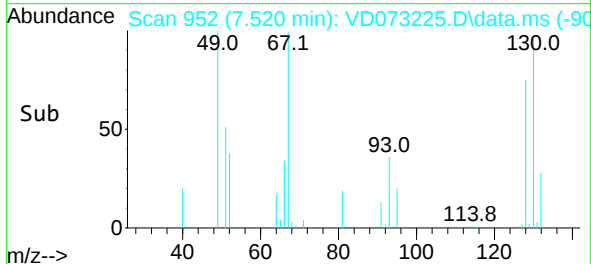
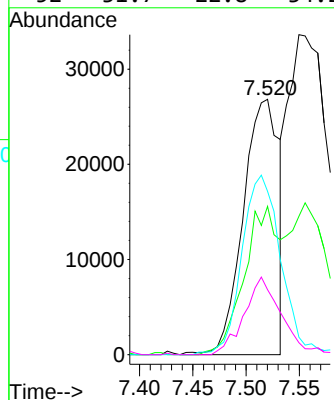
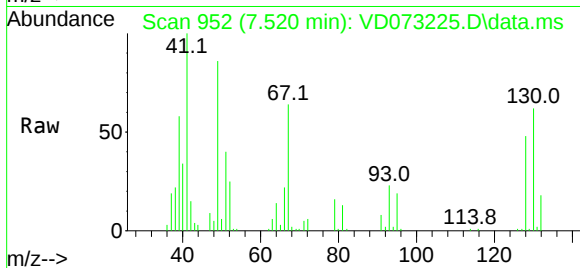




#41
Methacrylonitrile
Concen: 48.578 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

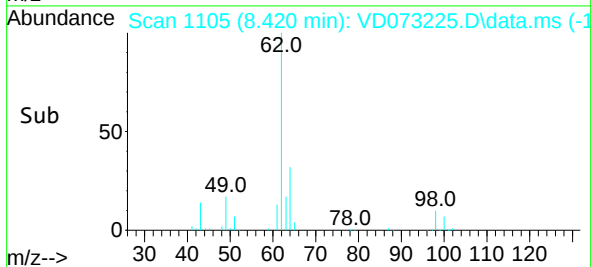
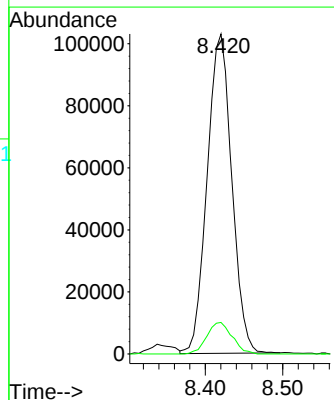
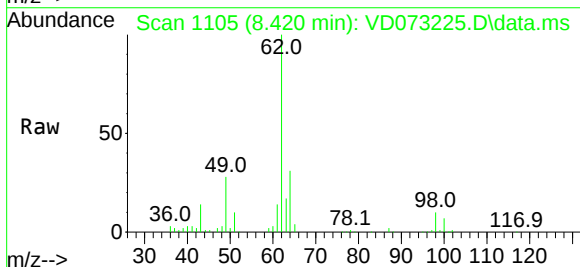
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	62662
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.6	67.0
67	77.1	48.2	72.4#
52	31.7	22.8	34.2



#42
1,2-Dichloroethane
Concen: 50.512 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion:	62	Resp:	227041
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	17.6

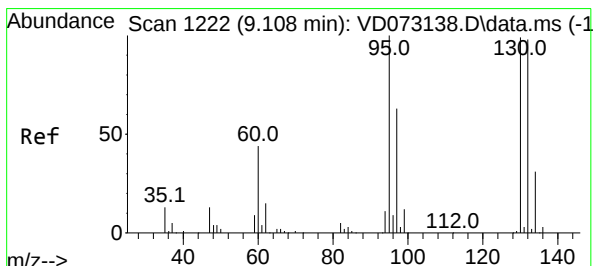
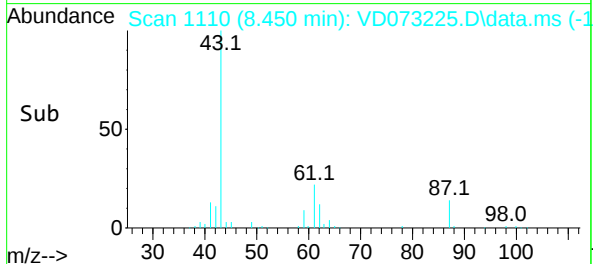
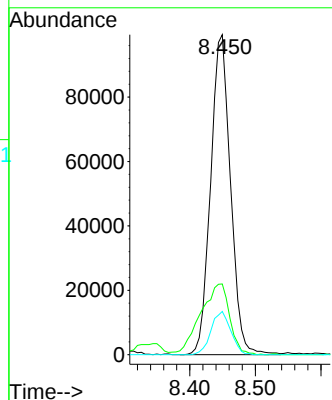
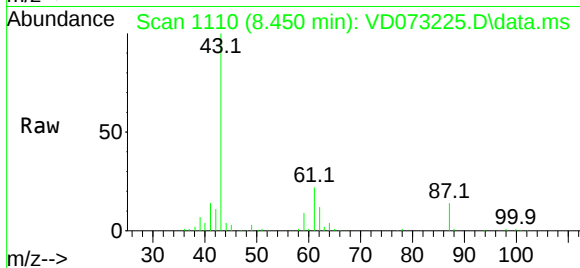




#43
Isopropyl Acetate
Concen: 51.158 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

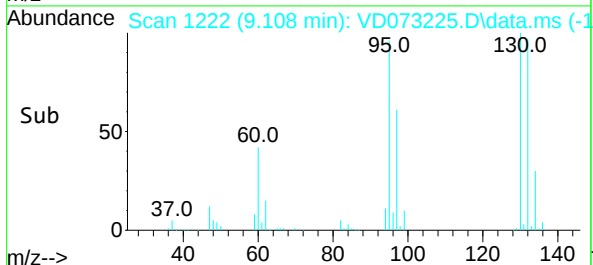
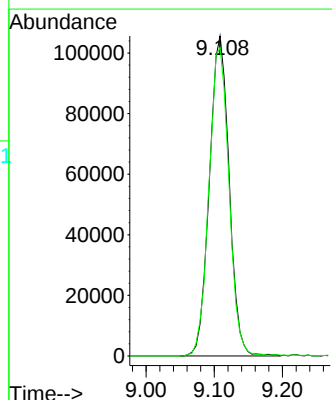
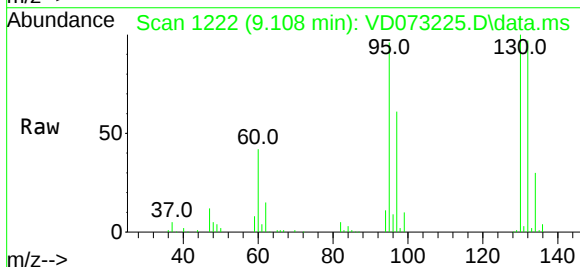
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

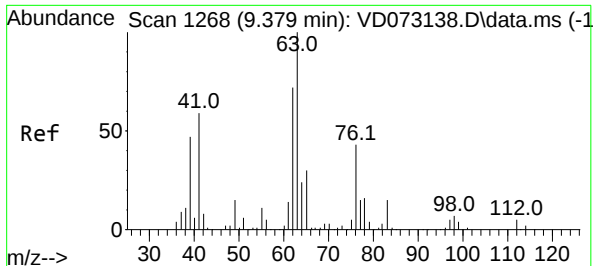
Tgt Ion: 43 Resp: 209350
Ion Ratio Lower Upper
43 100
61 32.4 22.4 33.6
87 13.4 8.7 13.1#



#44
Trichloroethene
Concen: 49.479 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion:130 Resp: 213140
Ion Ratio Lower Upper
130 100
95 96.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 51.635 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

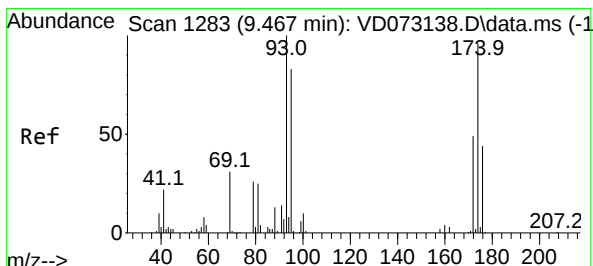
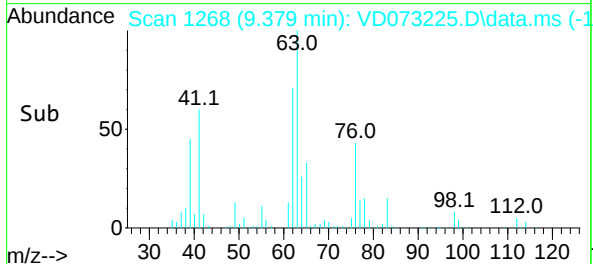
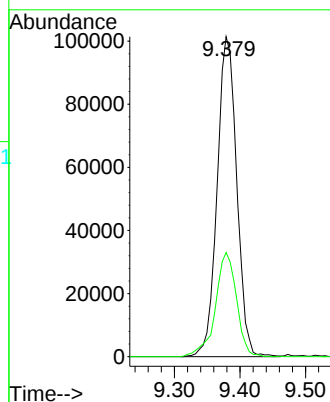
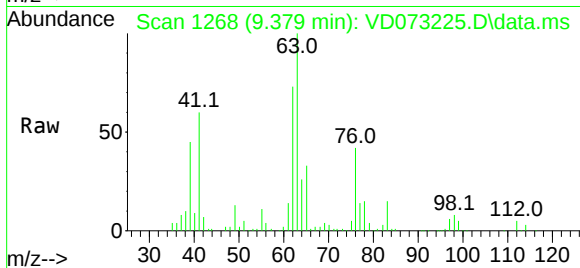
VSTDCCC050EC

Tgt Ion: 63 Resp: 210061

Ion Ratio Lower Upper

63 100

65 32.6 26.2 39.4



#46

Dibromomethane

Concen: 51.042 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

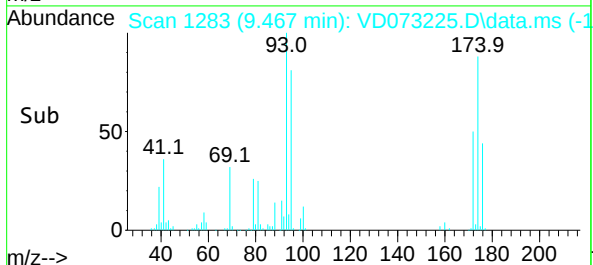
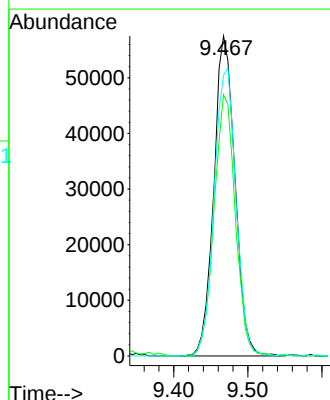
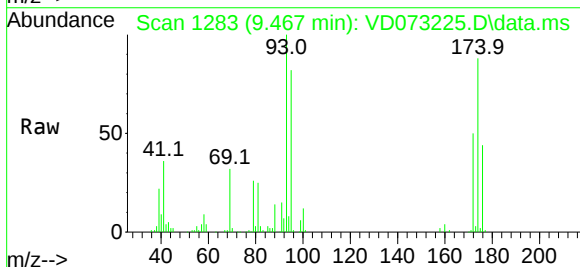
Tgt Ion: 93 Resp: 114045

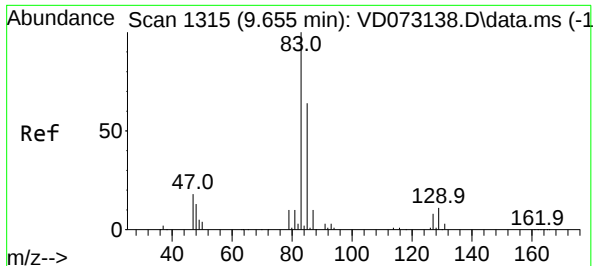
Ion Ratio Lower Upper

93 100

95 82.3 66.7 100.1

174 92.7 71.6 107.4





#47

Bromodichloromethane

Concen: 50.688 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

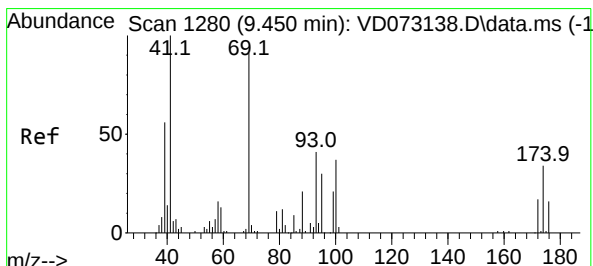
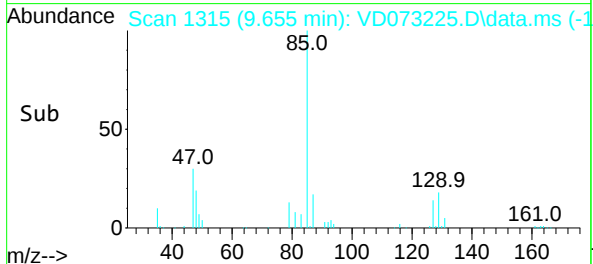
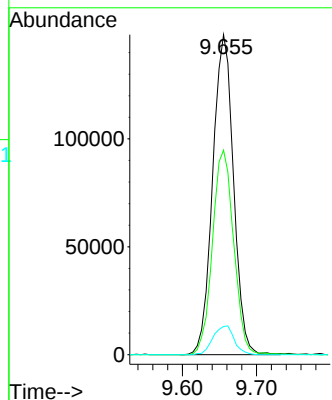
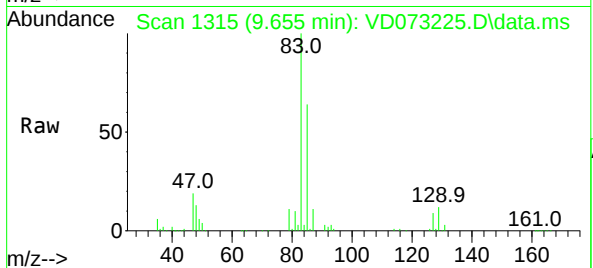
Tgt Ion: 83 Resp: 289779

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.0

127 8.8 6.1 9.1



#48

Methyl methacrylate

Concen: 52.596 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.001 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

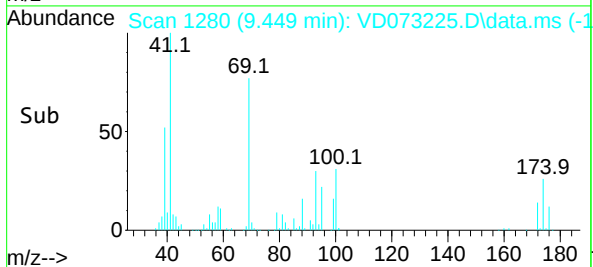
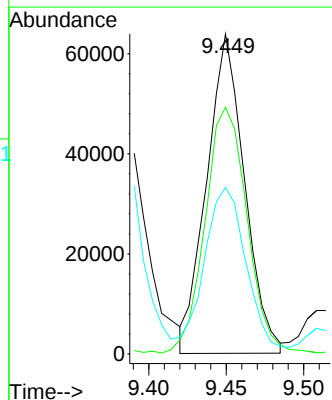
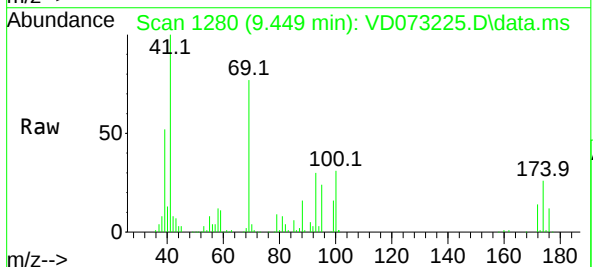
Tgt Ion: 41 Resp: 108288

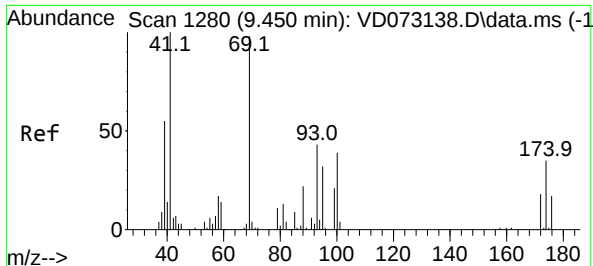
Ion Ratio Lower Upper

41 100

69 85.3 56.7 85.1#

39 58.4 42.7 64.1

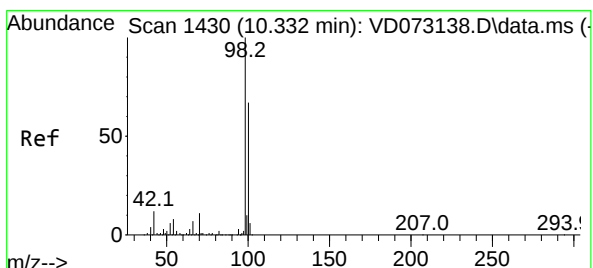
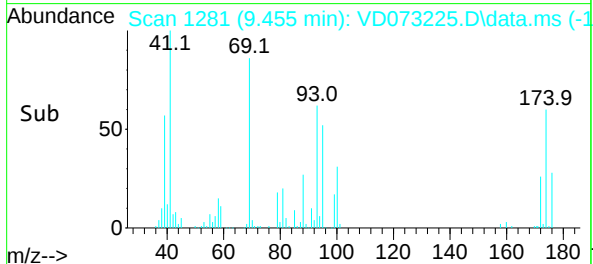
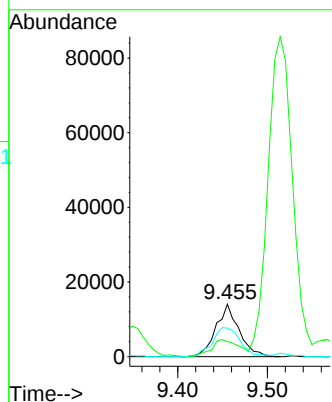
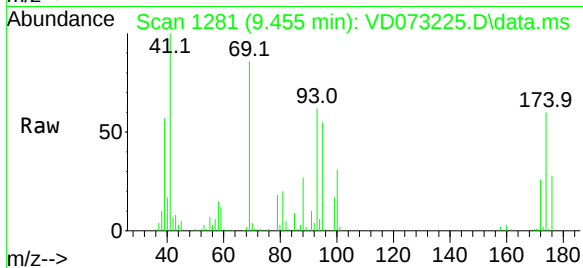




#49
1,4-Dioxane
Concen: 1086.379 ug/l
RT: 9.455 min Scan# 1280
Delta R.T. 0.005 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

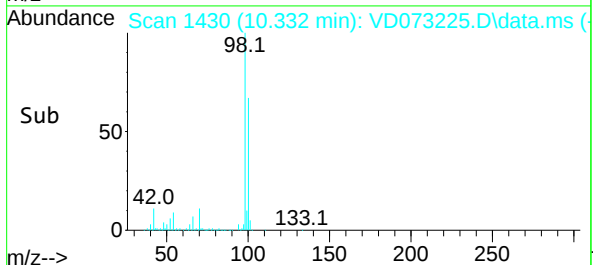
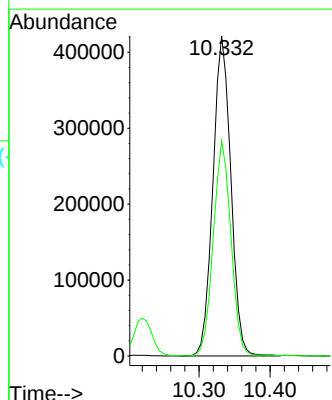
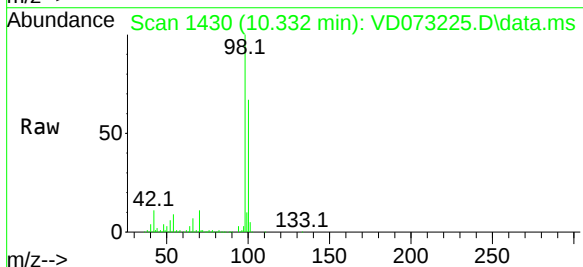
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

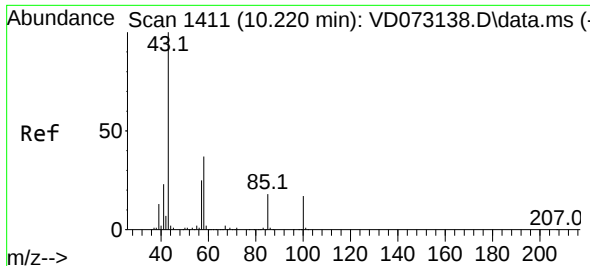
Tgt Ion: 88 Resp: 25067
Ion Ratio Lower Upper
88 100
43 38.5 31.0 46.4
58 67.7 58.1 87.1



#50
Toluene-d8
Concen: 53.737 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 98 Resp: 738245
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

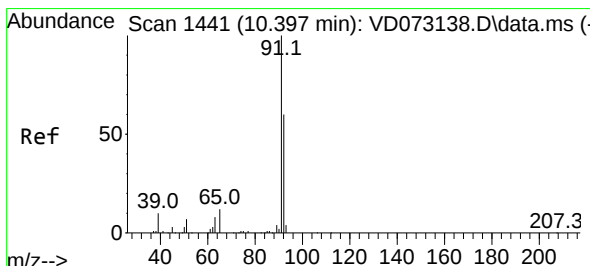
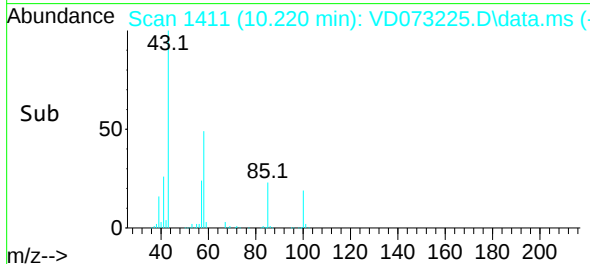
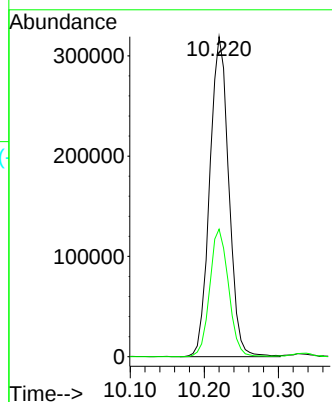
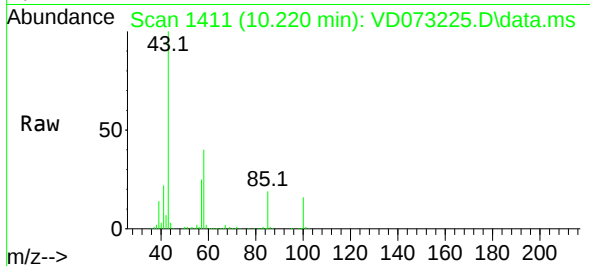




#51
4-Methyl-2-Pentanone
Concen: 268.104 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

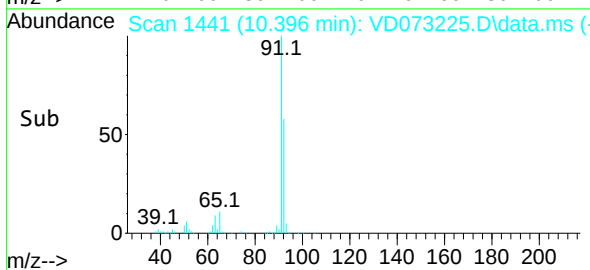
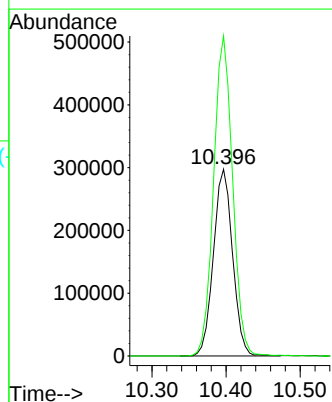
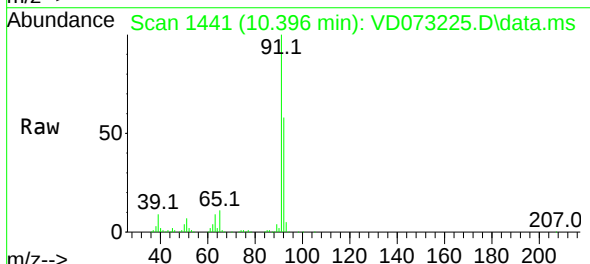
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

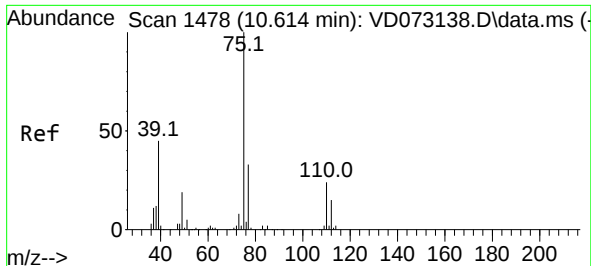
Tgt Ion: 43 Resp: 569837
Ion Ratio Lower Upper
43 100
58 39.4 28.6 43.0



#52
Toluene
Concen: 52.244 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 92 Resp: 533311
Ion Ratio Lower Upper
92 100
91 170.2 139.6 209.4

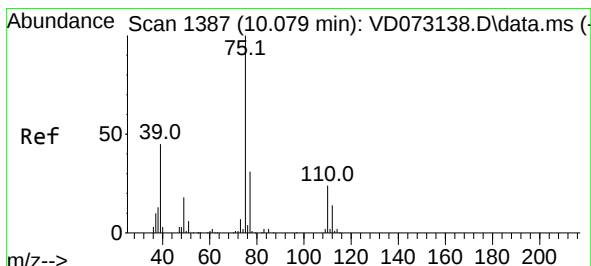
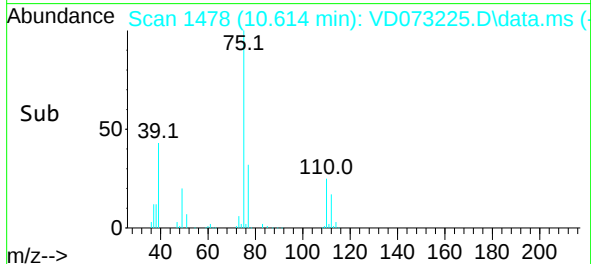
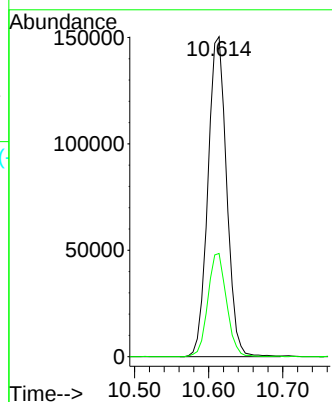
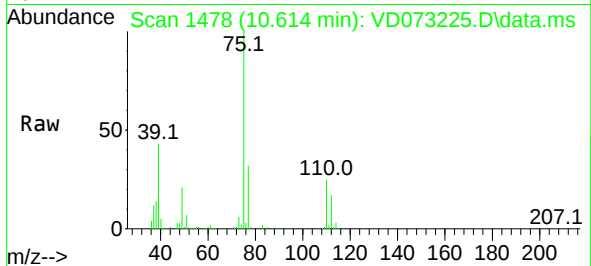




#53
t-1,3-Dichloropropene
Concen: 51.136 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

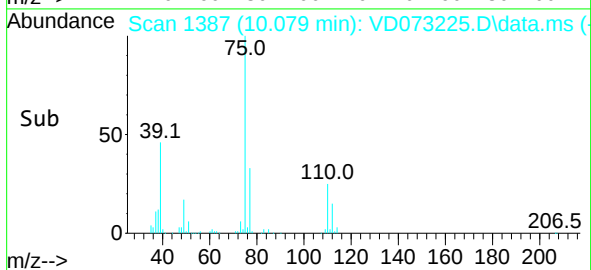
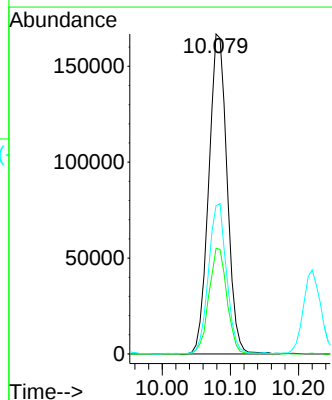
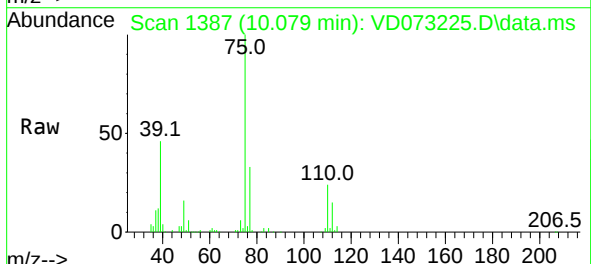
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

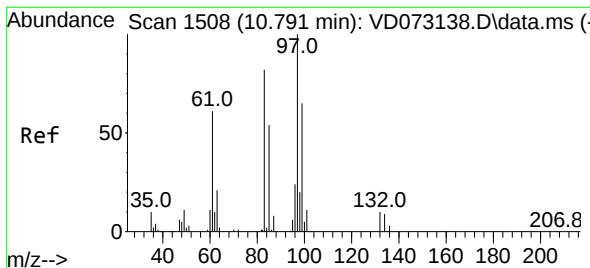
Tgt Ion: 75 Resp: 264106
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 50.558 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 75 Resp: 312479
Ion Ratio Lower Upper
75 100
77 33.0 24.8 37.2
39 46.2 46.8 70.2#



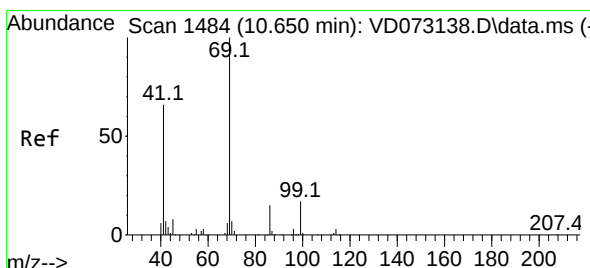
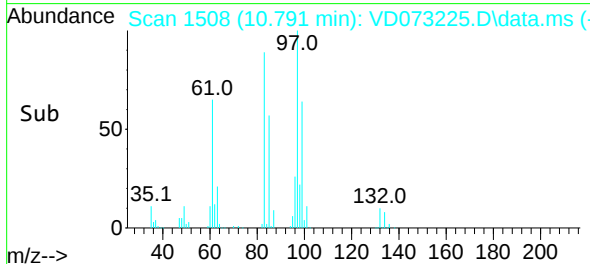
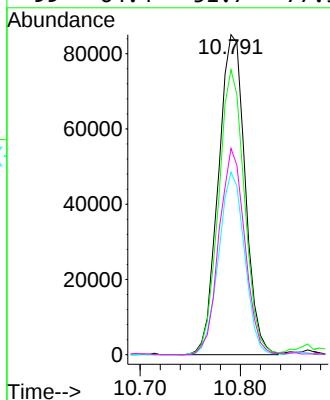
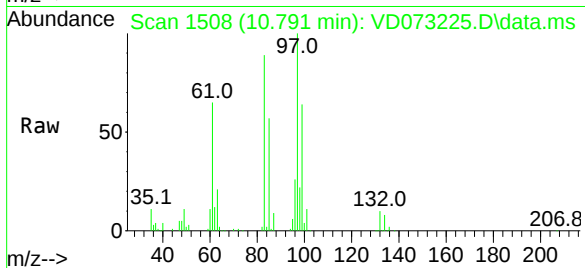


#55
1,1,2-Trichloroethane
Concen: 51.948 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 156956

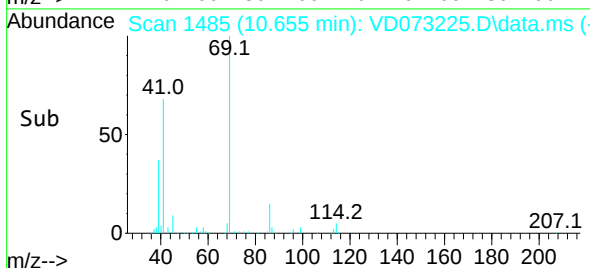
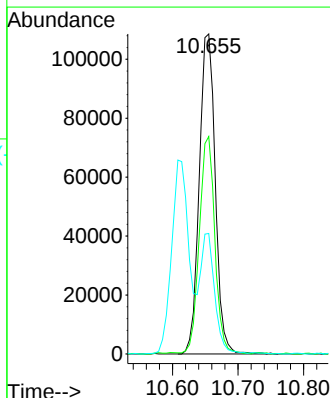
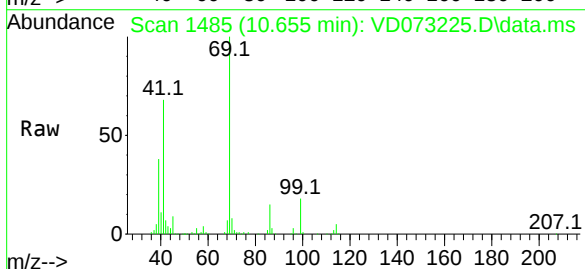
Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.0	103.4
85	57.0	42.6	63.8
99	64.4	51.7	77.5

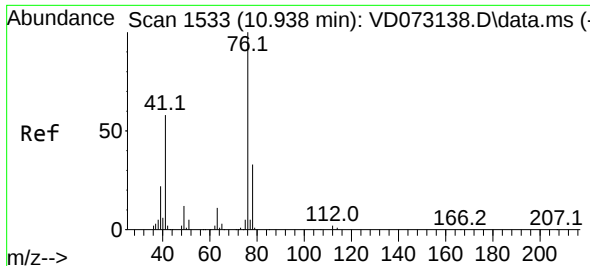


#56
Ethyl methacrylate
Concen: 55.025 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 69 Resp: 184845

Ion	Ratio	Lower	Upper
69	100		
41	66.3	63.0	94.6
39	31.8	33.8	50.8

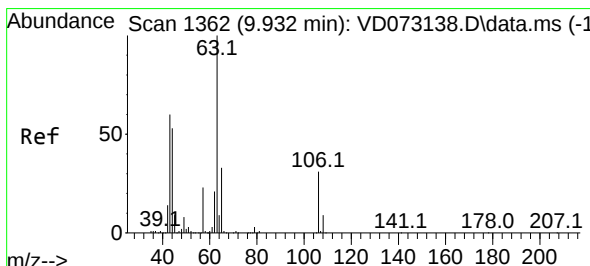
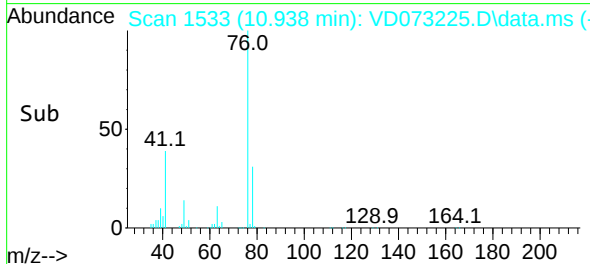
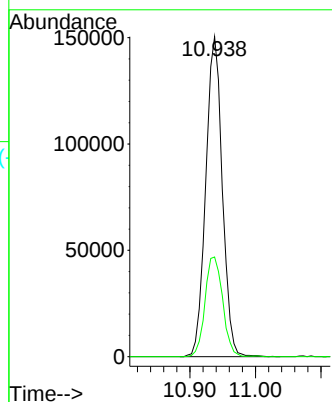
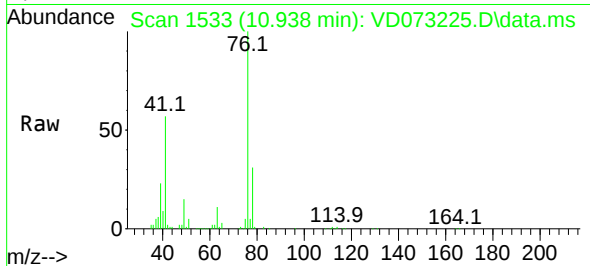




#57
1,3-Dichloropropane
Concen: 52.118 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

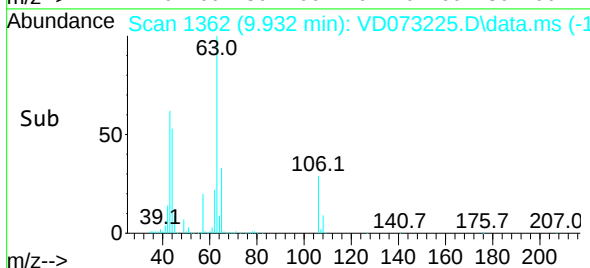
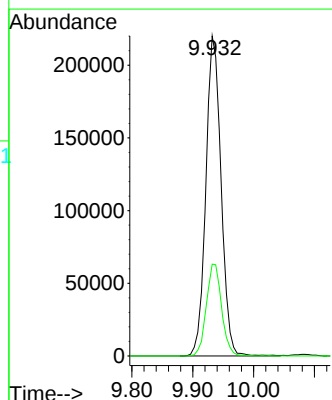
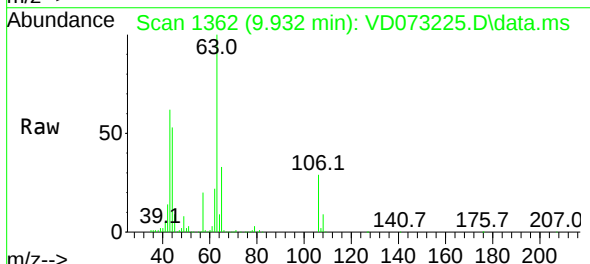
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

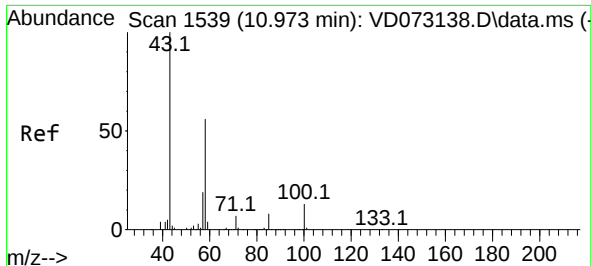
Tgt Ion: 76 Resp: 264220
Ion Ratio Lower Upper
76 100
78 33.2 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 240.777 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 63 Resp: 382892
Ion Ratio Lower Upper
63 100
106 28.8 21.4 32.0

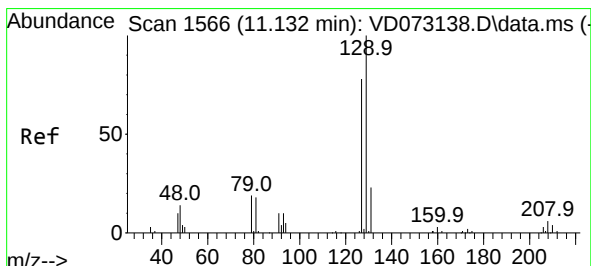
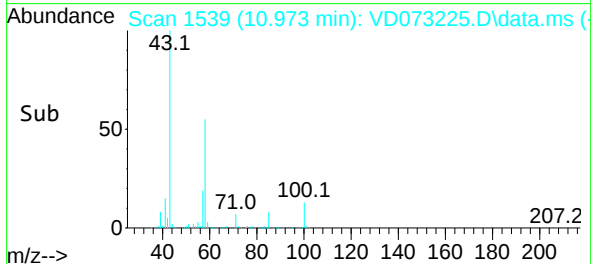
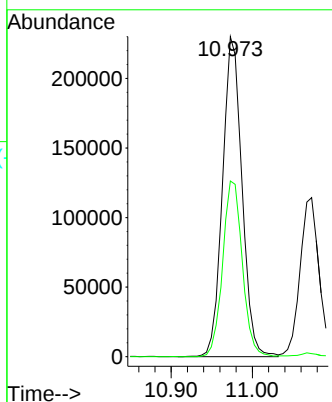
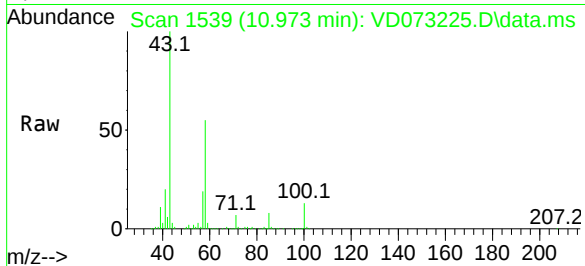




#59
2-Hexanone
Concen: 273.636 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

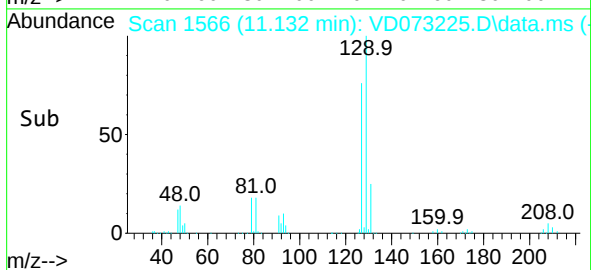
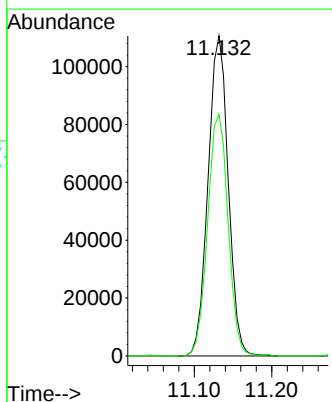
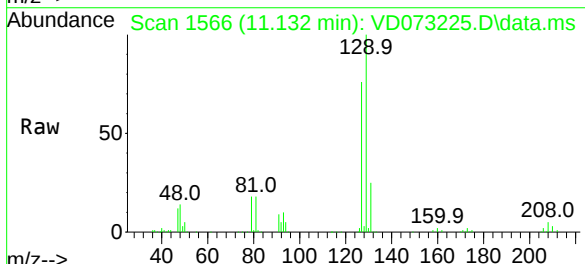
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

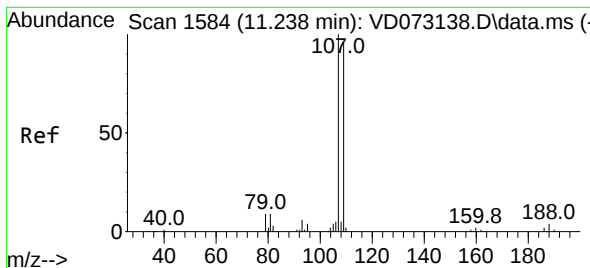
Tgt Ion: 43 Resp: 383438
Ion Ratio Lower Upper
43 100
58 55.5 25.3 75.9



#60
Dibromochloromethane
Concen: 53.160 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion:129 Resp: 200278
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6

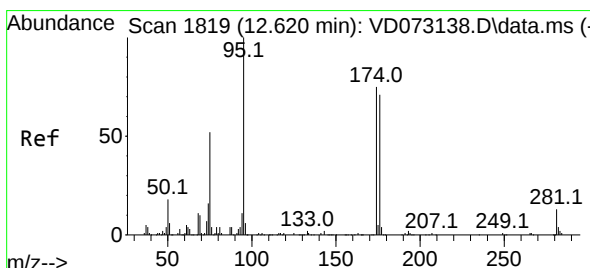
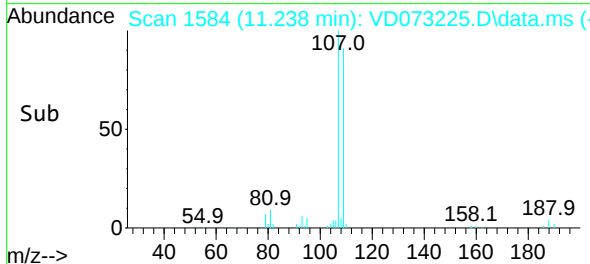
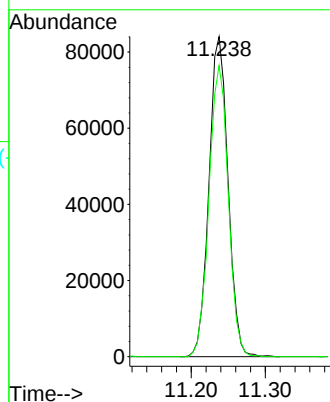
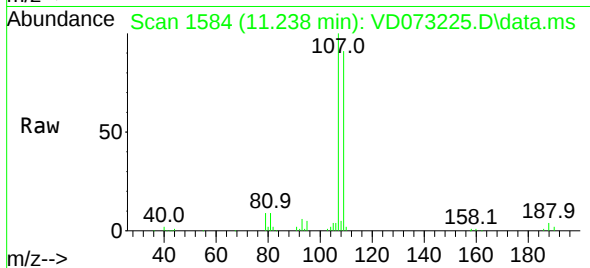




#61
1,2-Dibromoethane
Concen: 52.001 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

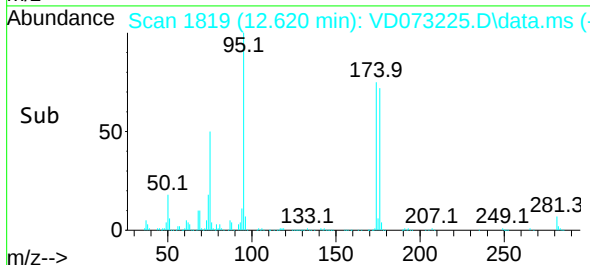
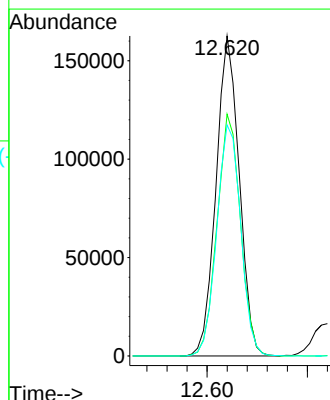
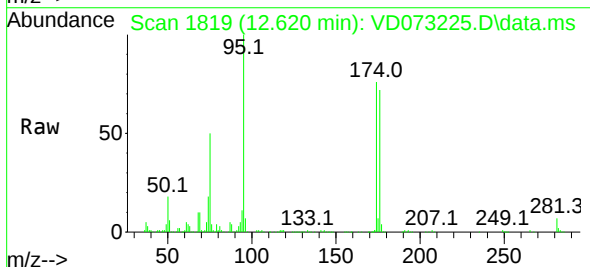
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

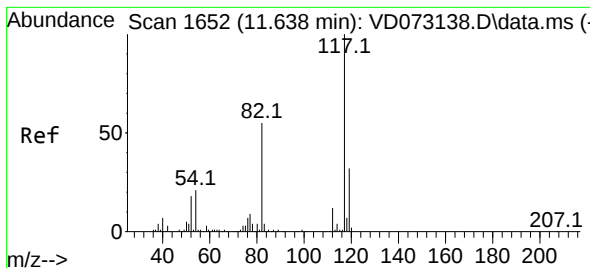
Tgt Ion:107 Resp: 150136
Ion Ratio Lower Upper
107 100
109 91.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 54.043 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 95 Resp: 260556
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 74.5 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073225.D

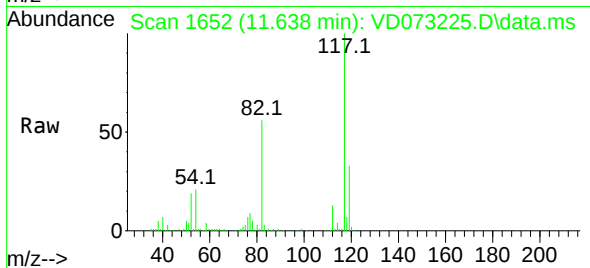
Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



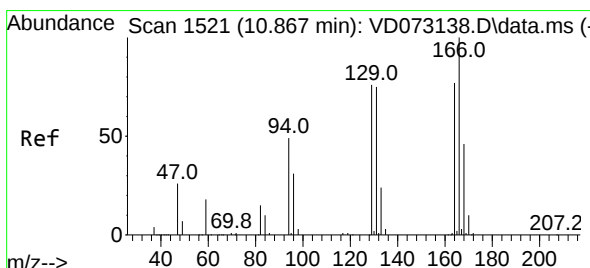
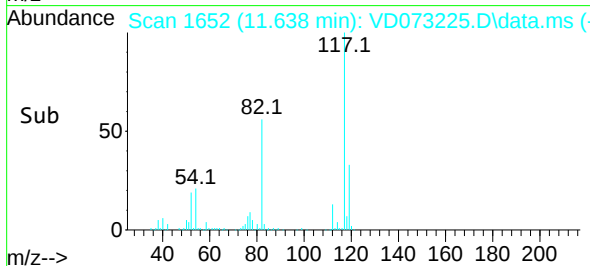
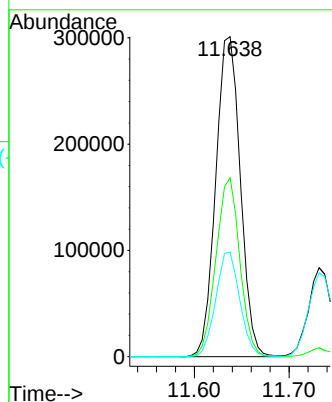
Tgt Ion:117 Resp: 543686

Ion Ratio Lower Upper

117 100

82 55.9 45.3 67.9

119 32.6 26.6 40.0



#64

Tetrachloroethene

Concen: 48.989 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Tgt Ion:164 Resp: 174451

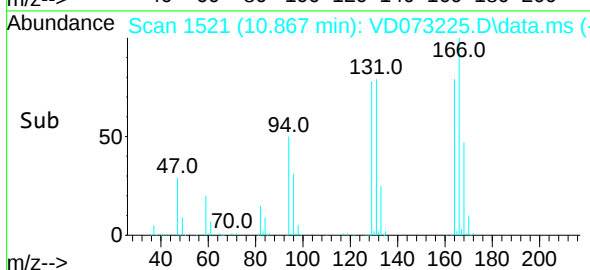
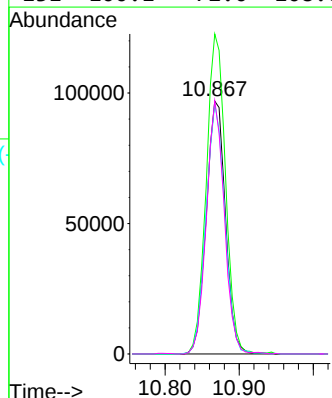
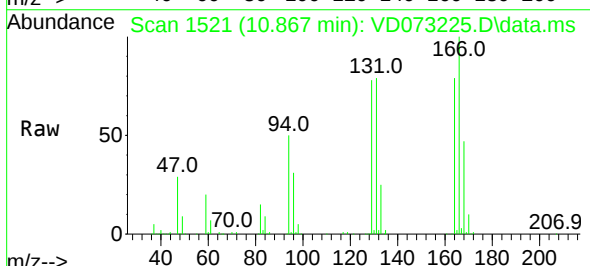
Ion Ratio Lower Upper

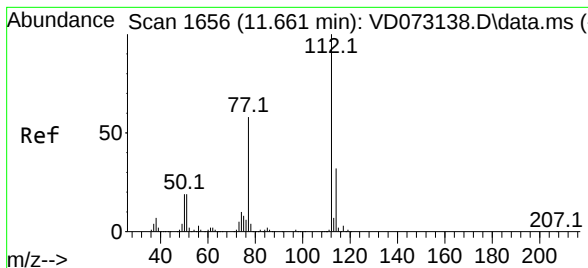
164 100

166 126.6 98.5 147.7

129 99.0 74.6 111.8

131 100.1 72.0 108.0

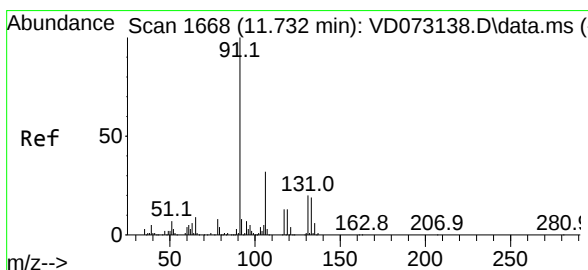
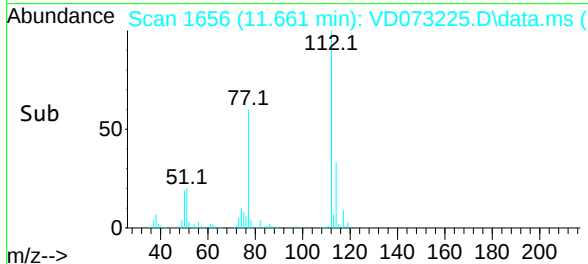
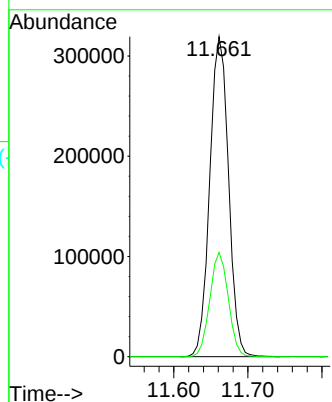
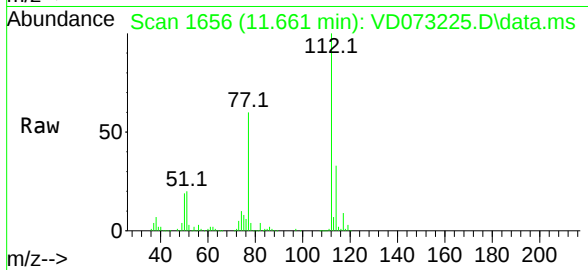




#65
Chlorobenzene
Concen: 50.364 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

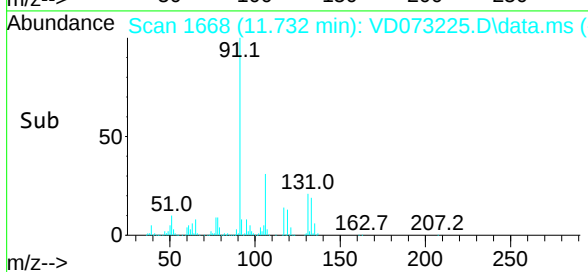
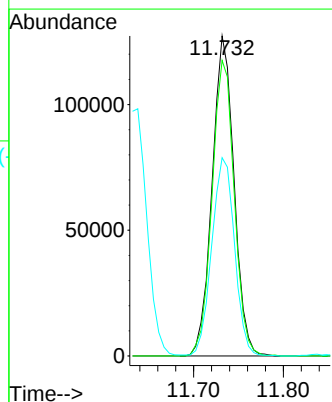
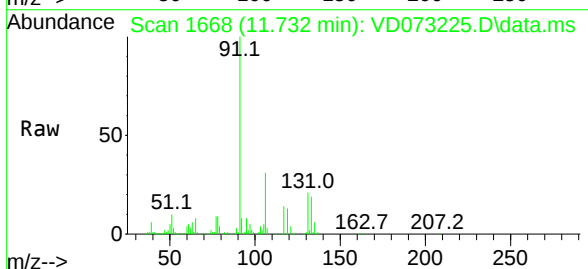
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

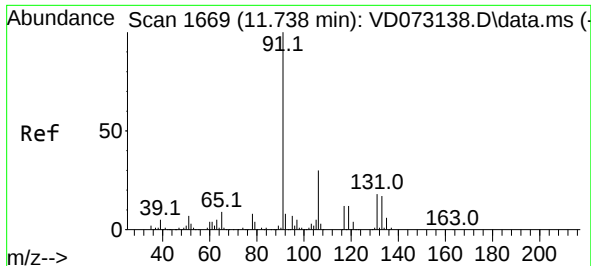
Tgt Ion:112 Resp: 561739
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.083 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion:131 Resp: 215441
Ion Ratio Lower Upper
131 100
133 93.7 48.1 144.3
119 64.6 31.9 95.9





#67

Ethyl Benzene

Concen: 52.232 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

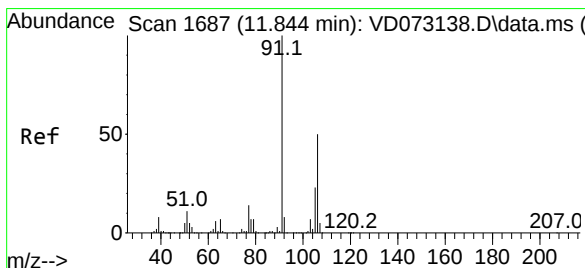
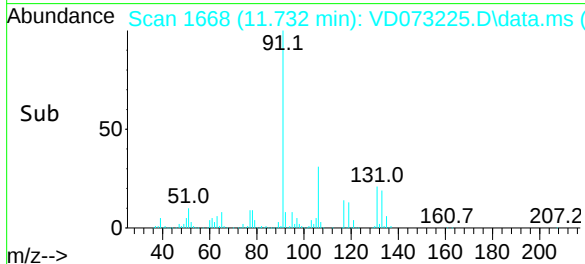
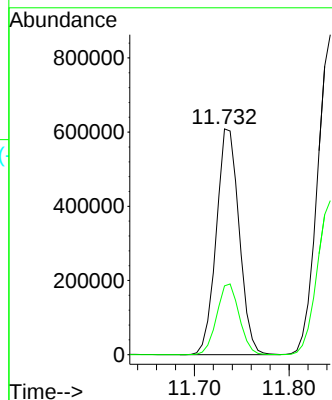
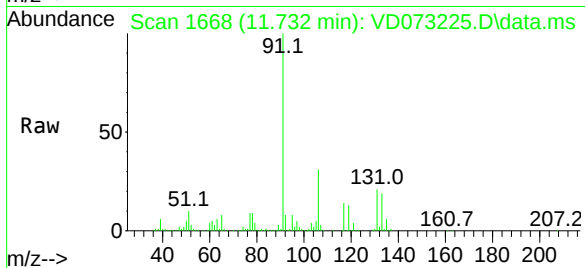
VSTDCCC050EC

Tgt Ion: 91 Resp: 1022698

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.4



#68

m/p-Xylenes

Concen: 105.199 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.001 min

Lab File: VD073225.D

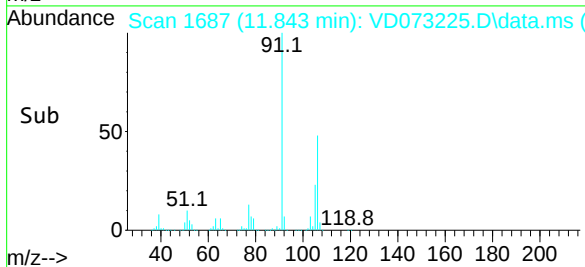
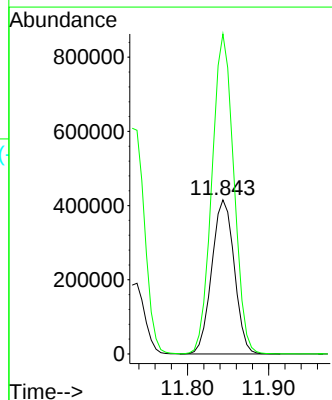
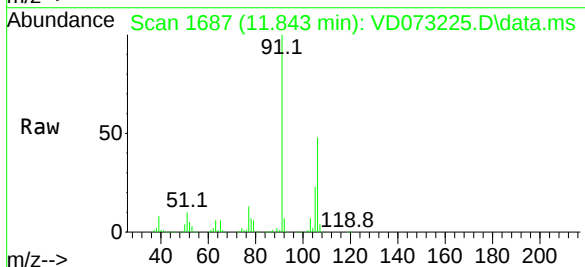
Acq: 21 May 2022 12:33

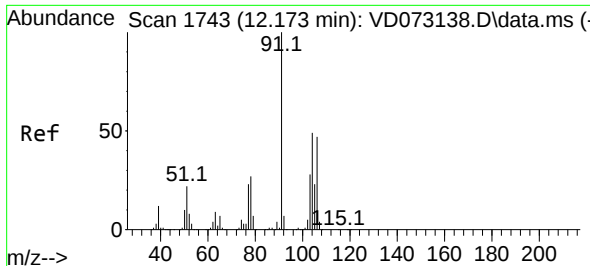
Tgt Ion: 106 Resp: 800252

Ion Ratio Lower Upper

106 100

91 201.9 163.7 245.5

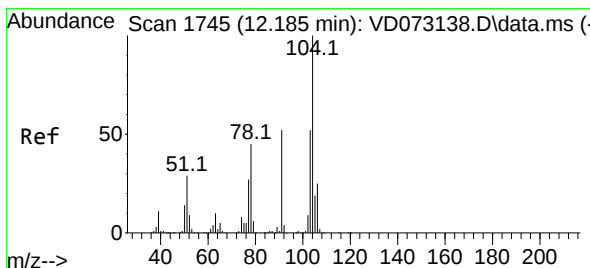
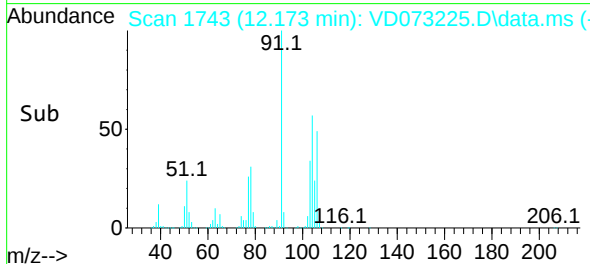
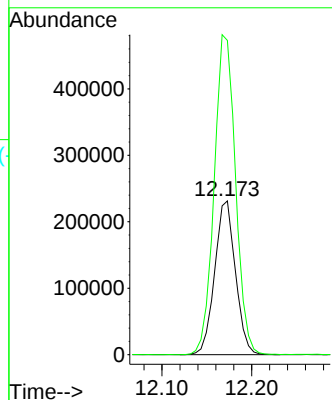
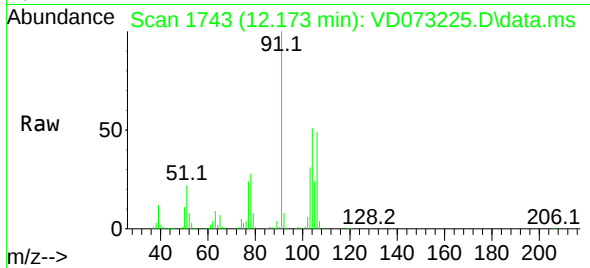




#69
o-Xylene
Concen: 53.100 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

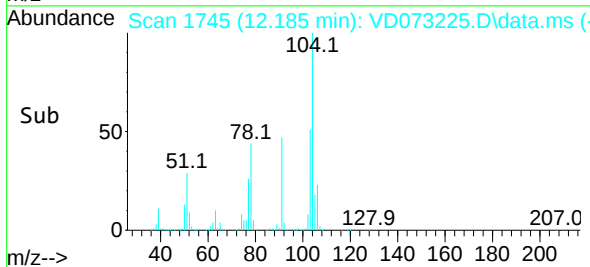
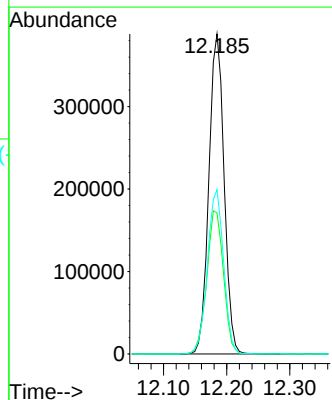
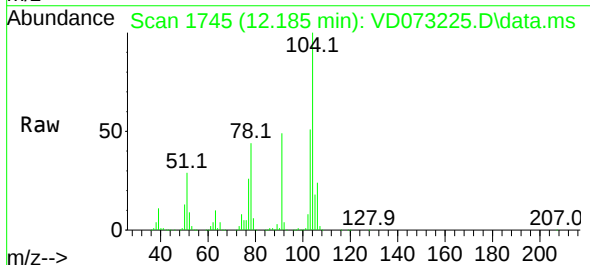
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

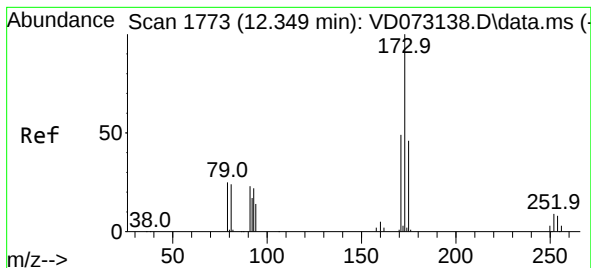
Tgt Ion:106 Resp: 371072
Ion Ratio Lower Upper
106 100
91 214.4 110.4 331.2



#70
Styrene
Concen: 54.005 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion:104 Resp: 649305
Ion Ratio Lower Upper
104 100
78 49.2 41.8 62.8
103 54.5 44.2 66.4





#71

Bromoform

Concen: 52.037 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

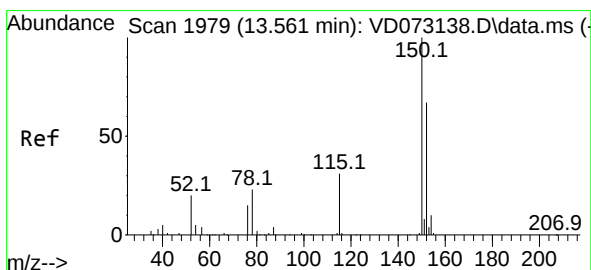
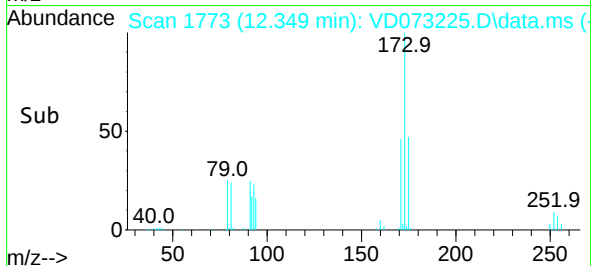
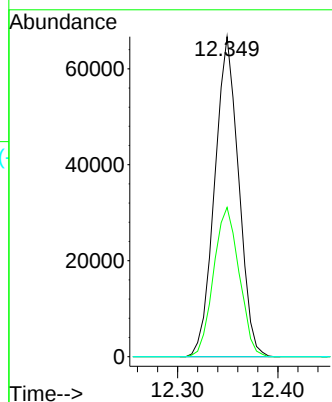
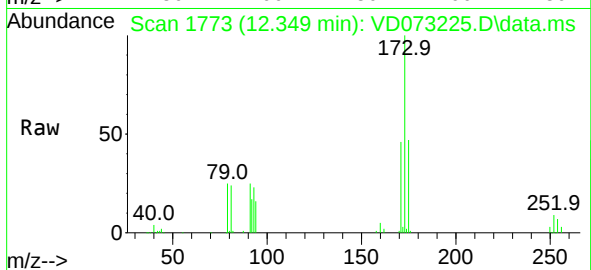
Tgt Ion:173 Resp: 110783

Ion Ratio Lower Upper

173 100

175 49.8 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: VD073225.D

Acq: 21 May 2022 12:33

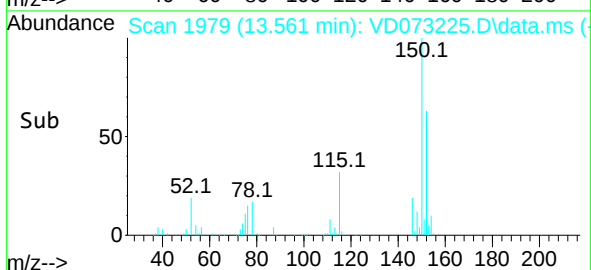
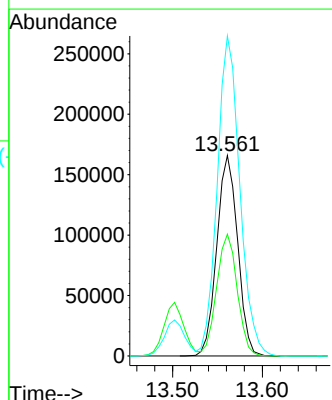
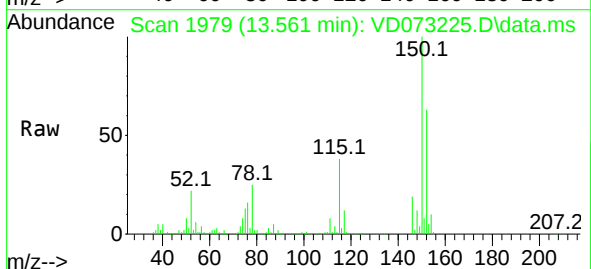
Tgt Ion:152 Resp: 267726

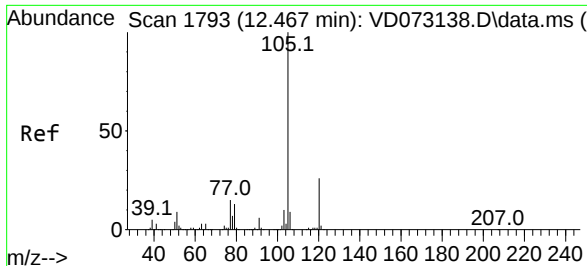
Ion Ratio Lower Upper

152 100

115 60.4 31.3 93.8

150 173.2 0.0 348.6

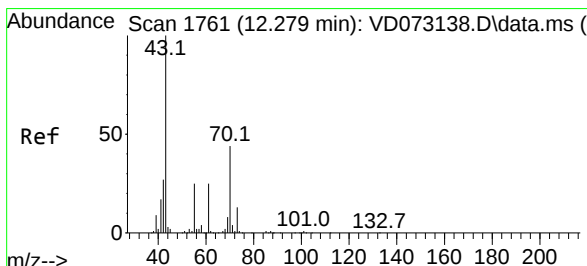
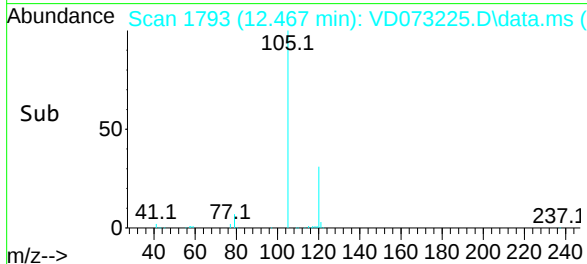
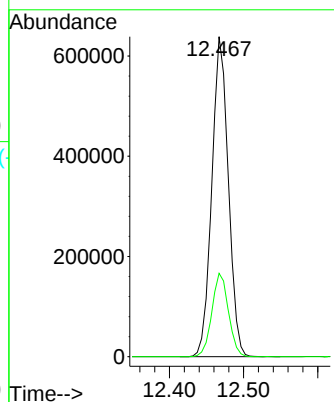
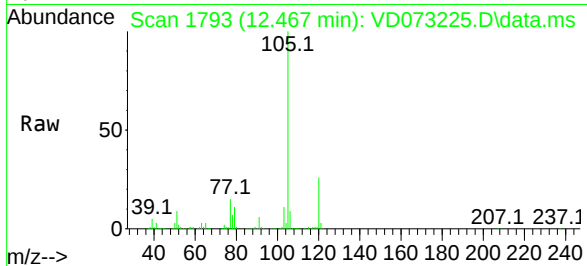




#73
Isopropylbenzene
Concen: 51.700 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

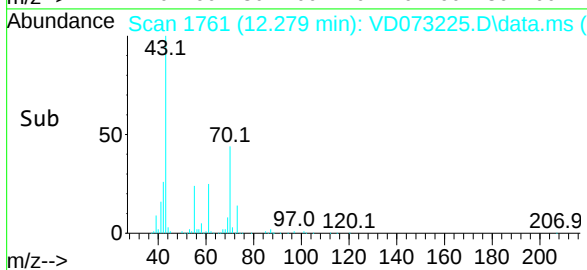
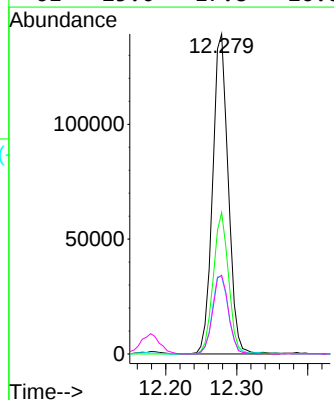
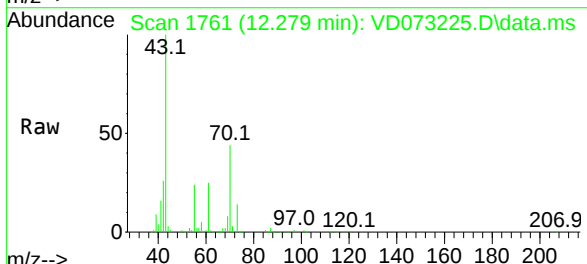
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

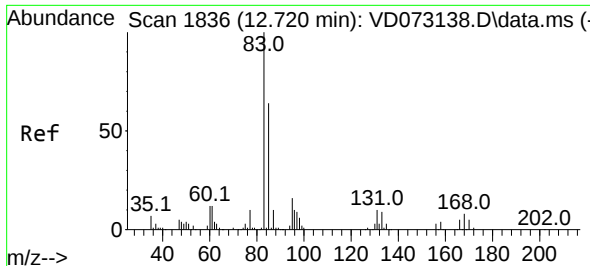
Tgt Ion:105 Resp: 986738
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 51.182 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 43 Resp: 213103
Ion Ratio Lower Upper
43 100
70 43.1 31.3 46.9
55 25.6 20.0 30.0
61 25.0 17.8 26.8

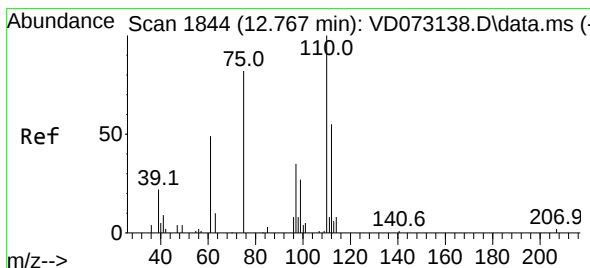
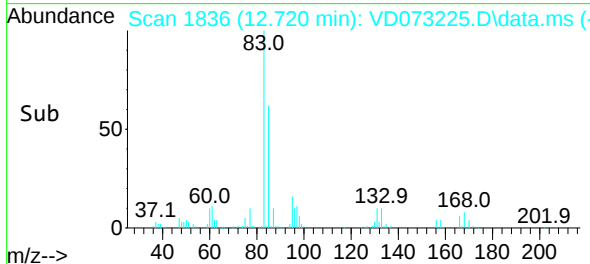
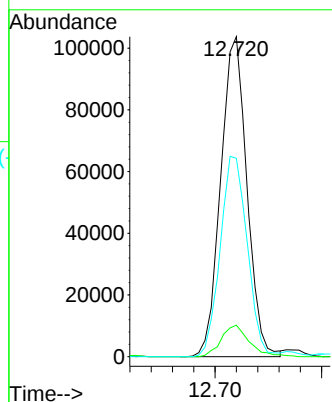
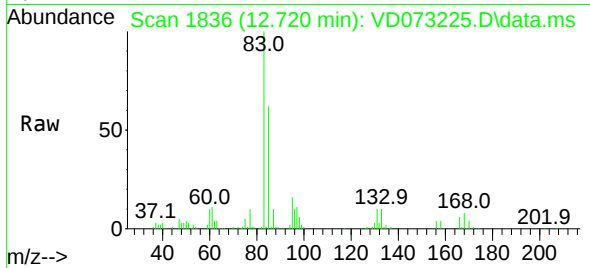




#75
1,1,2,2-Tetrachloroethane
Concen: 50.319 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

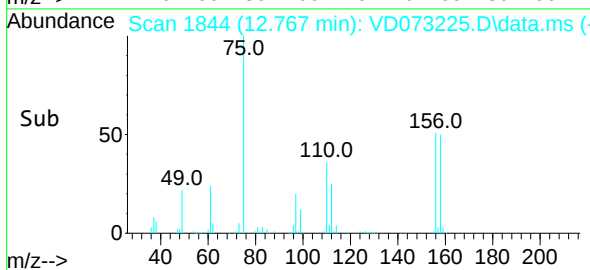
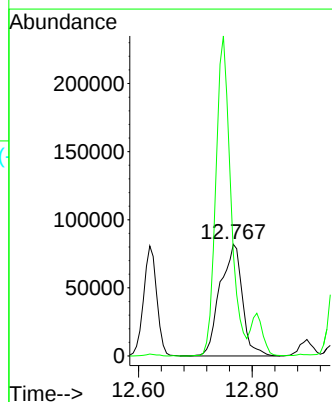
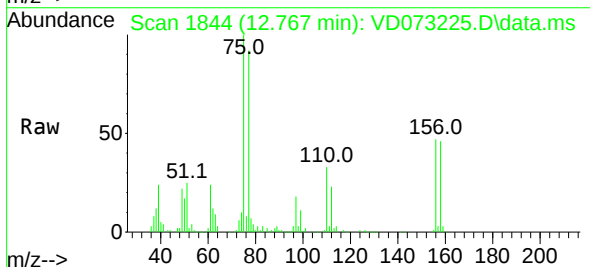
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

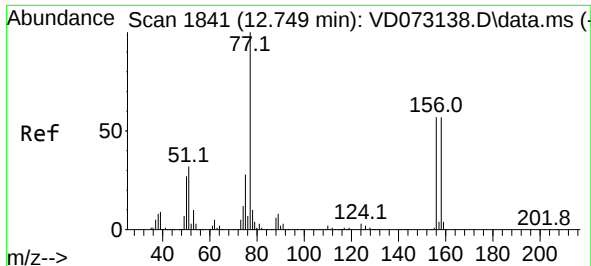
Tgt Ion: 83 Resp: 177127
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 64.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 84.791 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 75 Resp: 222734
Ion Ratio Lower Upper
75 100
77 193.0 0.0 0.0#

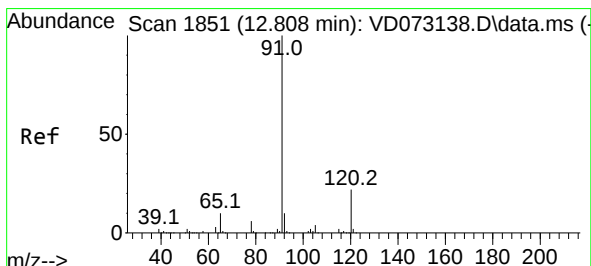
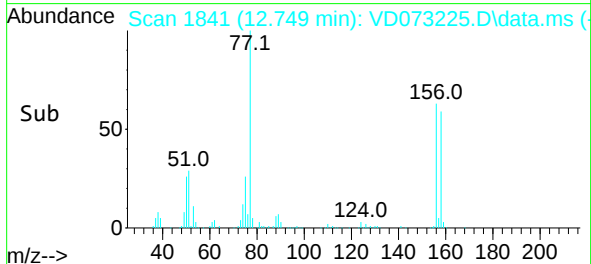
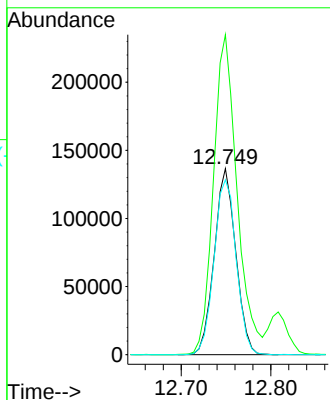
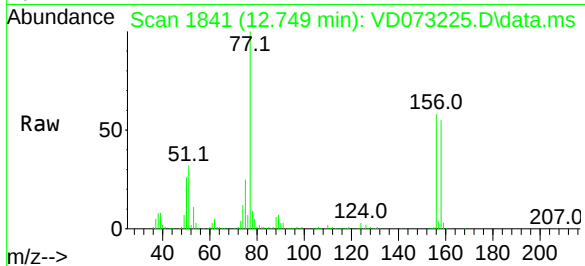




#77
Bromobenzene
Concen: 50.542 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

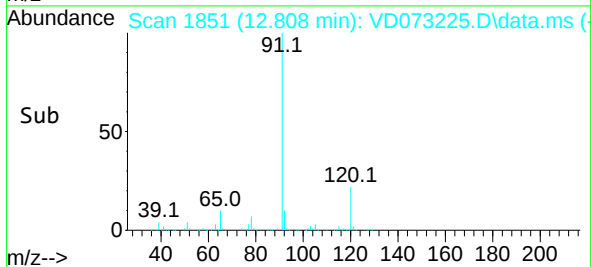
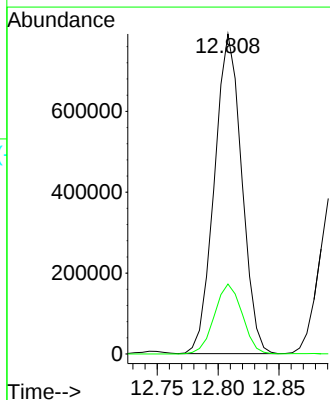
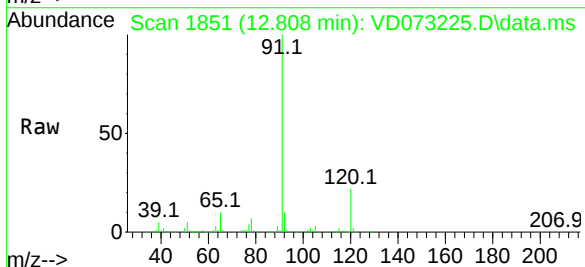
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

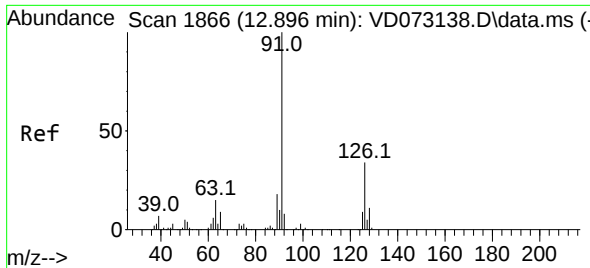
Tgt Ion:156 Resp: 227078
Ion Ratio Lower Upper
156 100
77 189.3 102.8 308.3
158 97.1 48.7 146.1



#78
n-propylbenzene
Concen: 51.559 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 91 Resp: 1235411
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9

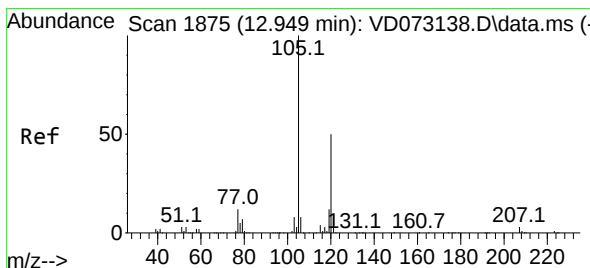
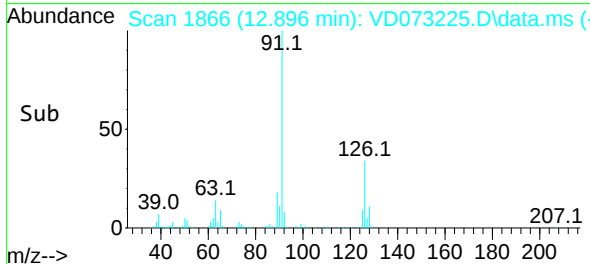
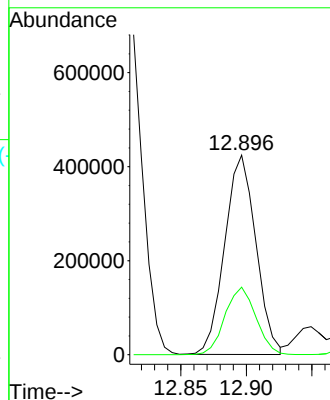
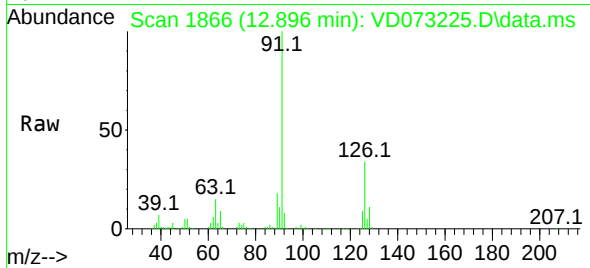




#79
2-Chlorotoluene
Concen: 50.756 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

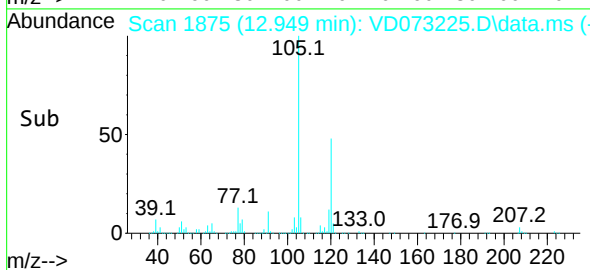
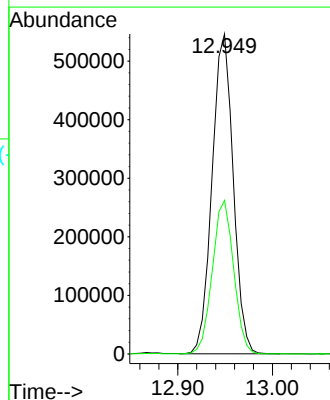
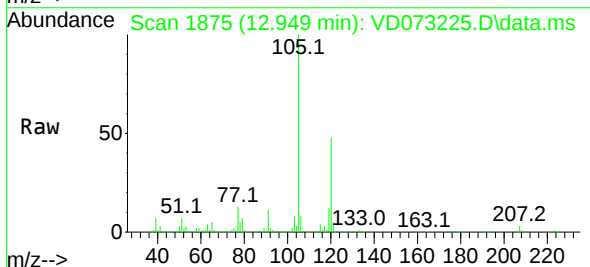
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

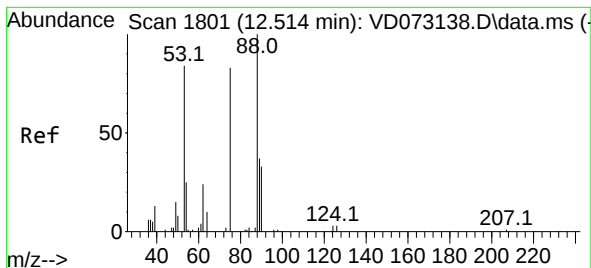
Tgt Ion: 91 Resp: 702194
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 52.362 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 105 Resp: 846573
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8

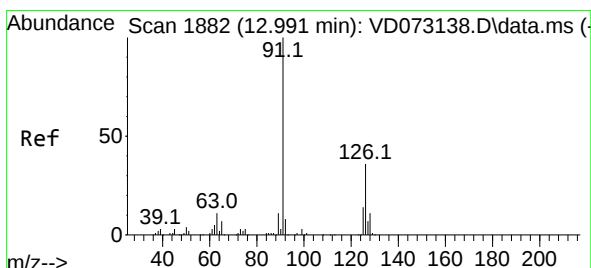
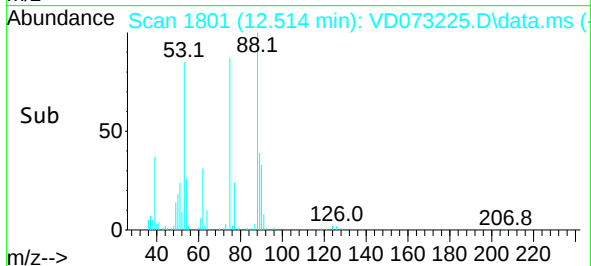
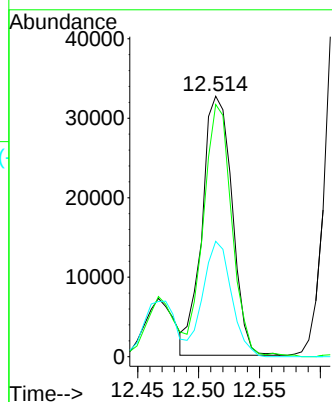
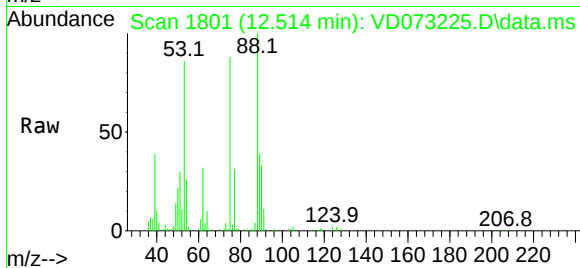




#81
trans-1,4-Dichloro-2-butene
Concen: 51.177 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

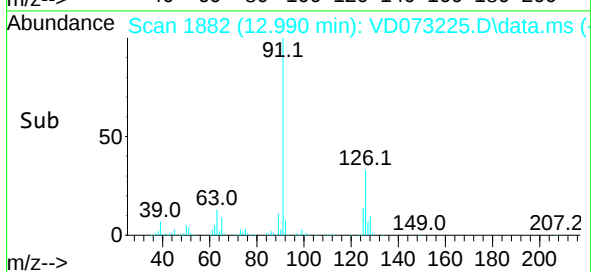
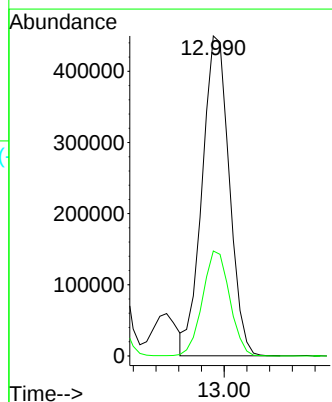
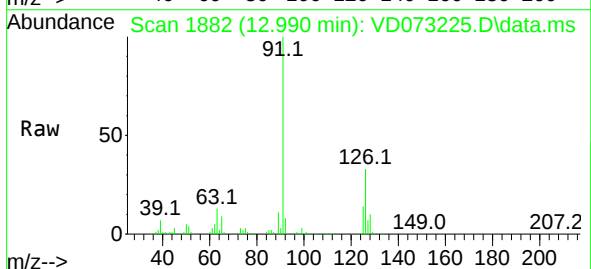
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

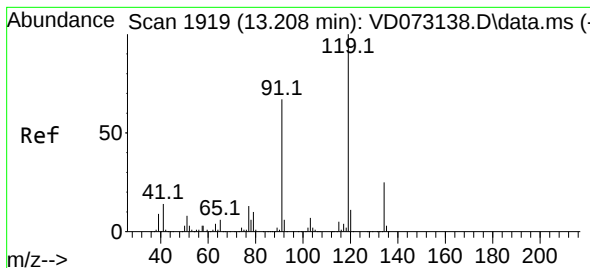
Tgt Ion: 75 Resp: 55998
Ion Ratio Lower Upper
75 100
53 89.5 86.5 129.7
89 42.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.278 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 91 Resp: 743579
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5





#83

tert-Butylbenzene

Concen: 52.841 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

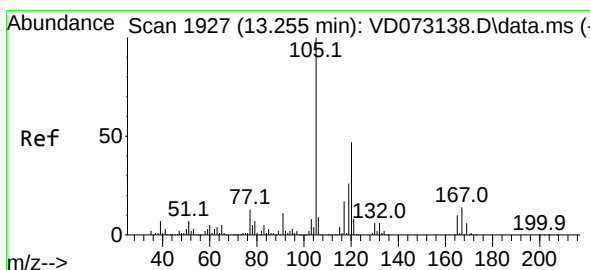
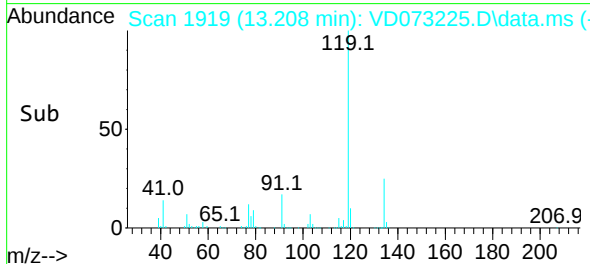
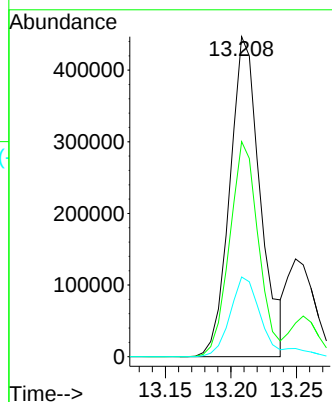
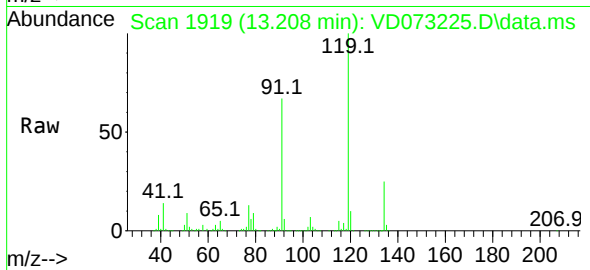
Tgt Ion:119 Resp: 720023

Ion Ratio Lower Upper

119 100

91 64.0 34.8 104.5

134 26.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 52.831 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073225.D

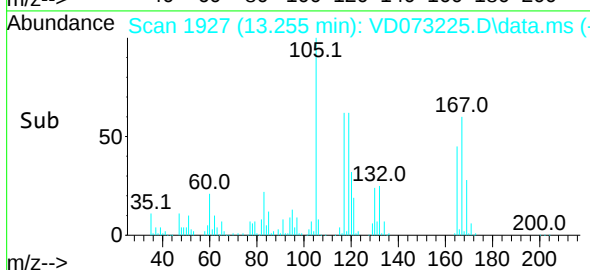
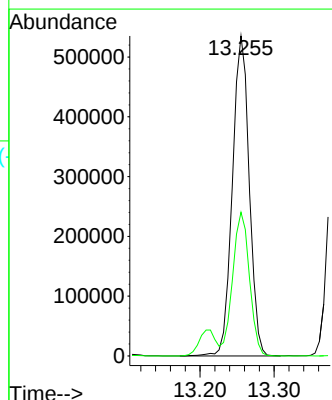
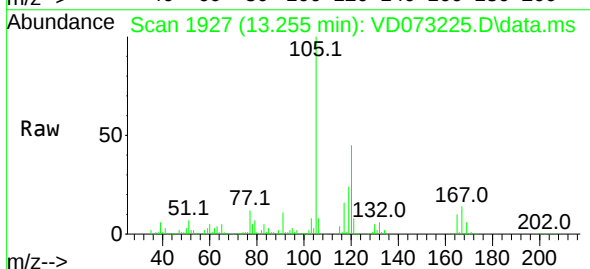
Acq: 21 May 2022 12:33

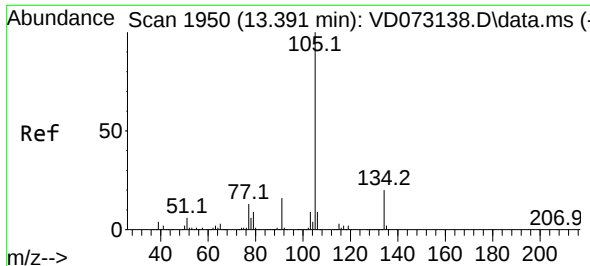
Tgt Ion:105 Resp: 843819

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.8

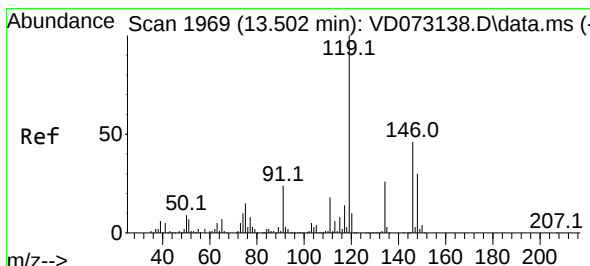
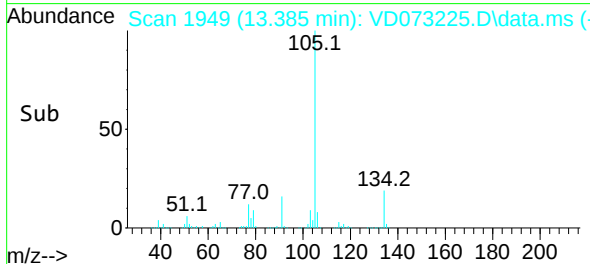
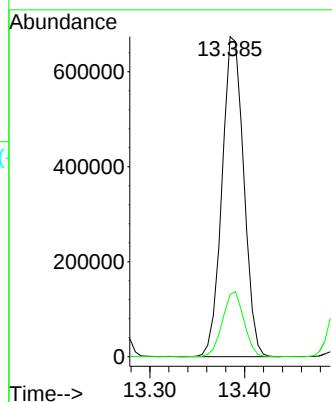
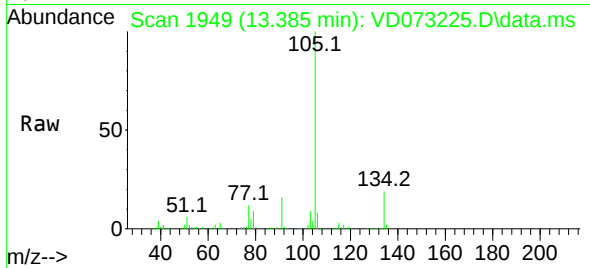




#85
 sec-Butylbenzene
 Concen: 51.685 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073225.D
 Acq: 21 May 2022 12:33

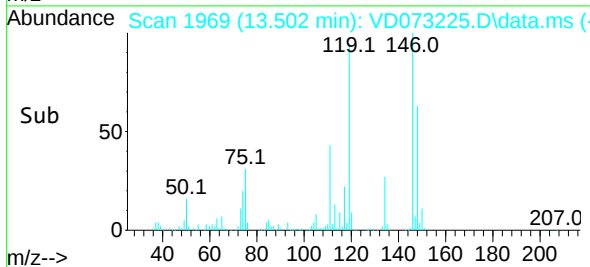
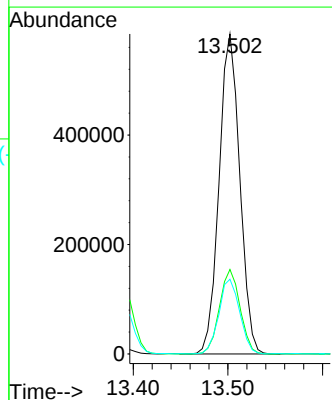
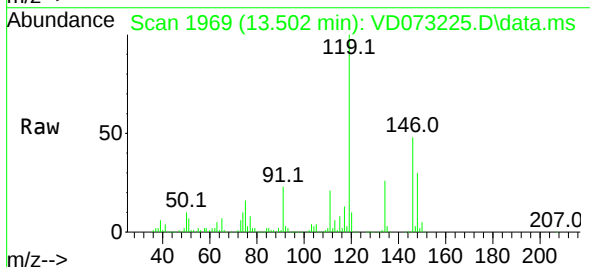
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

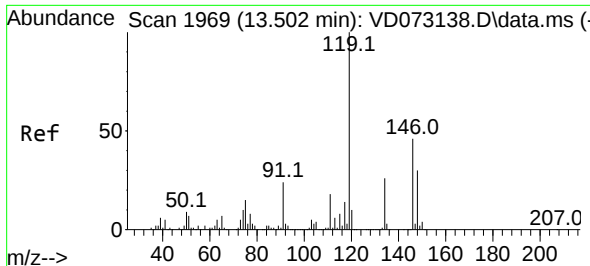
Tgt Ion:105 Resp: 1075350
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.450 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073225.D
 Acq: 21 May 2022 12:33

Tgt Ion:119 Resp: 889565
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.4 12.1 36.3

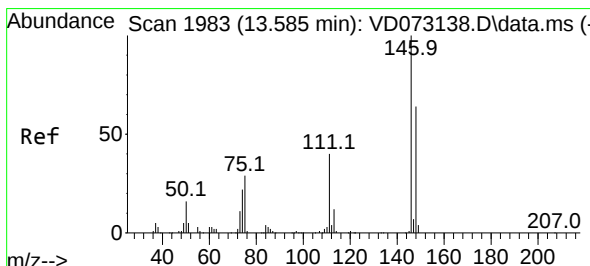
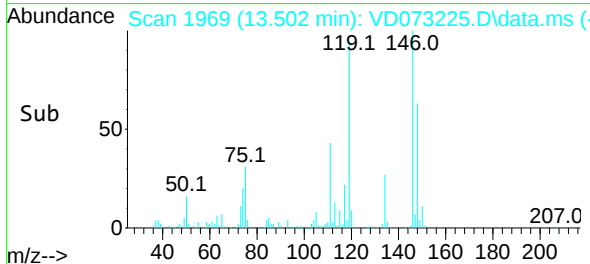
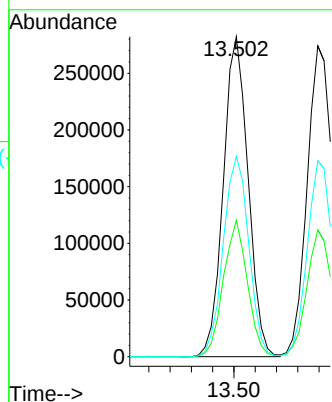
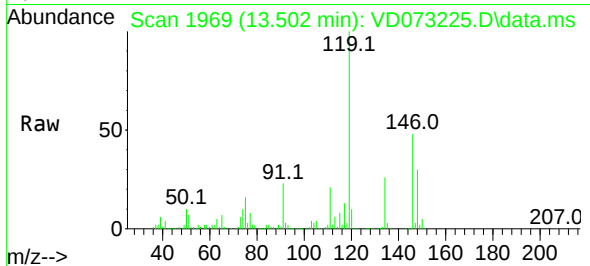




#87
1,3-Dichlorobenzene
Concen: 50.294 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

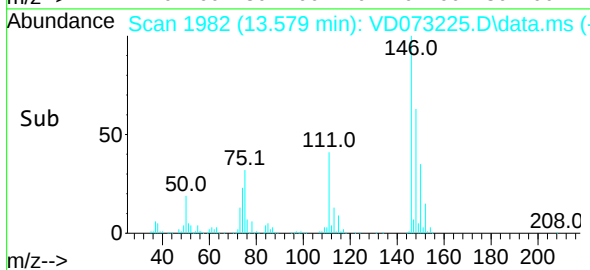
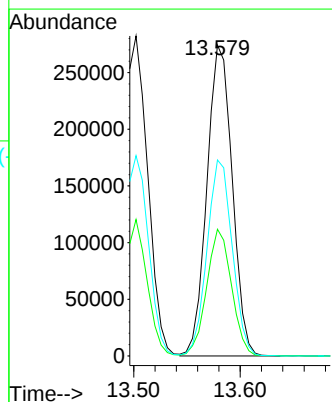
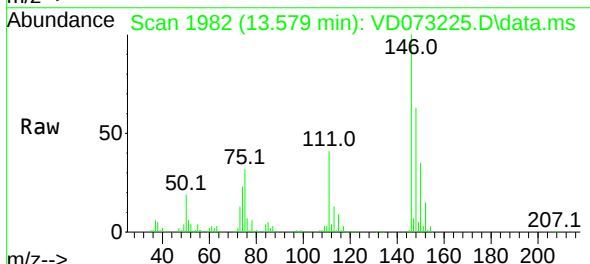
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

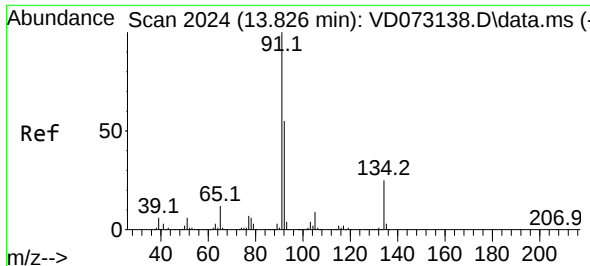
Tgt Ion:146 Resp: 455461
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 64.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.598 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion:146 Resp: 453408
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.9
148 62.9 31.7 95.1

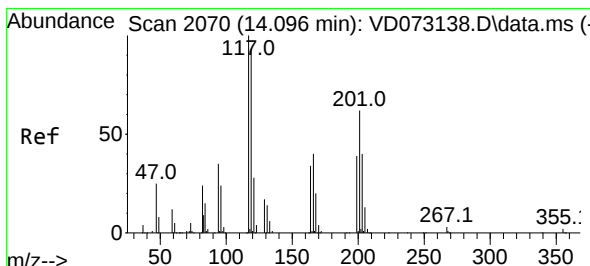
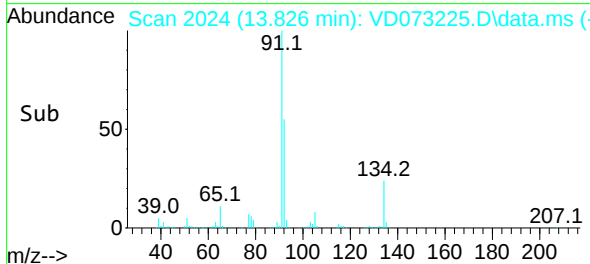
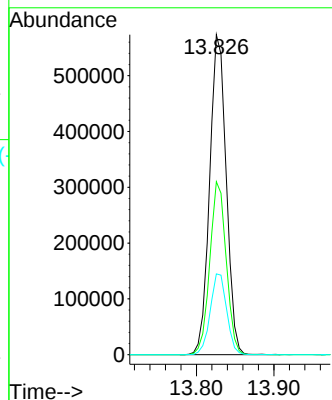
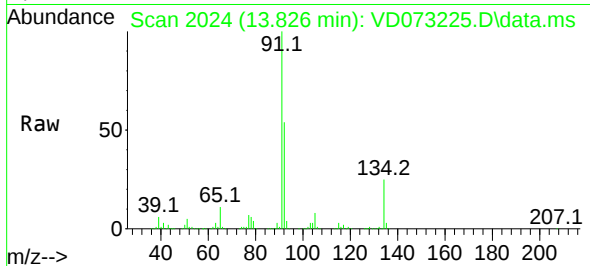




#89
n-Butylbenzene
Concen: 52.667 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

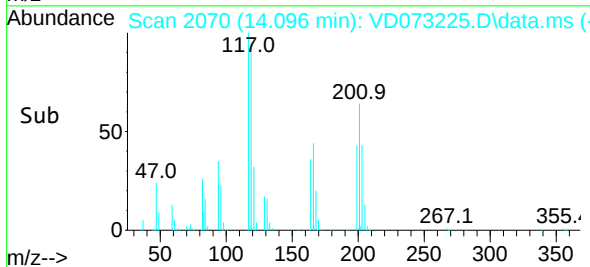
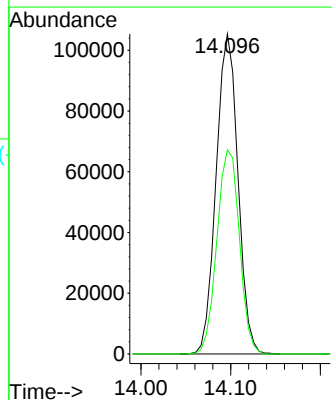
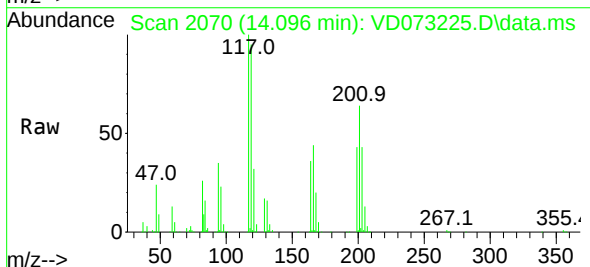
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

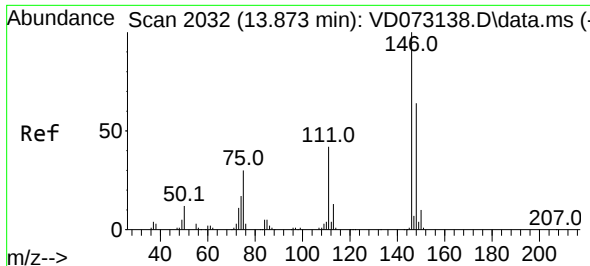
Tgt Ion: 91 Resp: 851088
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 50.727 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 117 Resp: 178019
Ion Ratio Lower Upper
117 100
201 65.9 33.4 100.2

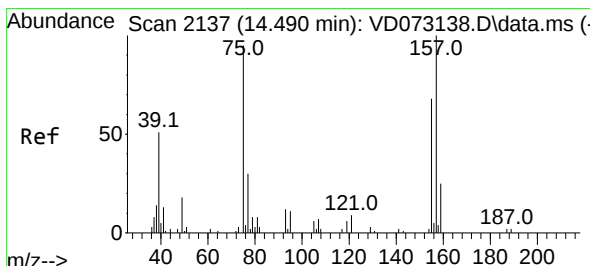
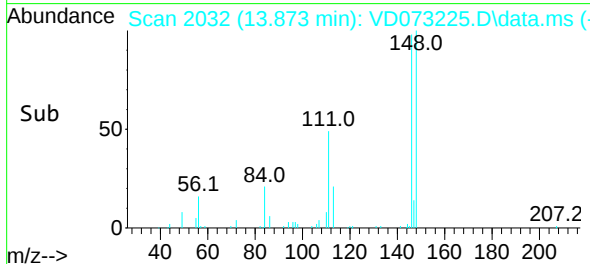
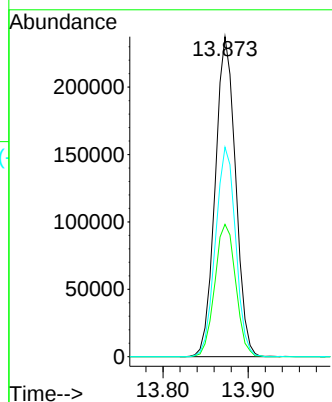
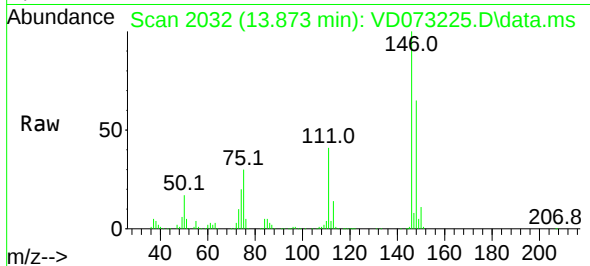




#91
1,2-Dichlorobenzene
Concen: 50.428 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

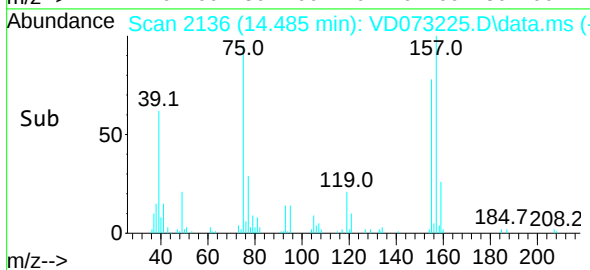
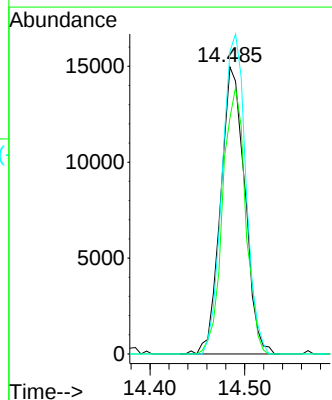
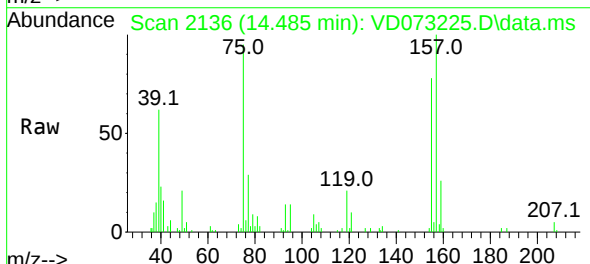
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

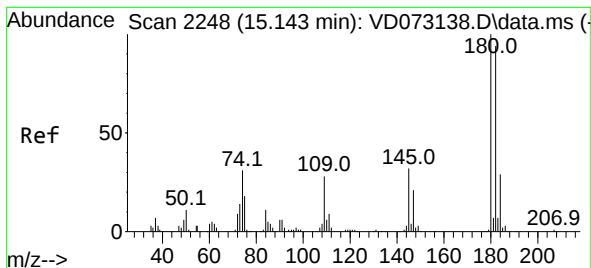
Tgt Ion:146 Resp: 395126
Ion Ratio Lower Upper
146 100
111 42.5 21.1 63.3
148 64.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.176 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073225.D
Acq: 21 May 2022 12:33

Tgt Ion: 75 Resp: 26509
Ion Ratio Lower Upper
75 100
155 87.8 36.8 110.3
157 108.4 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 53.017 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

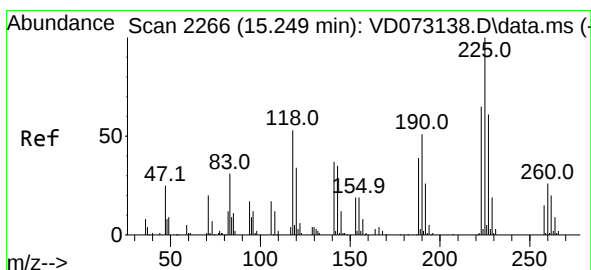
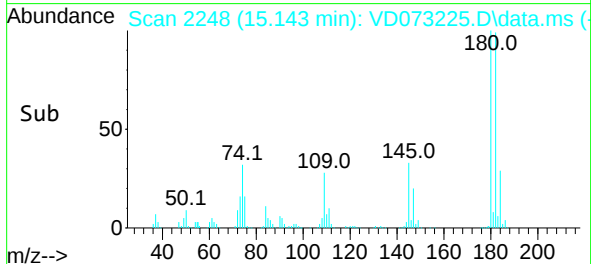
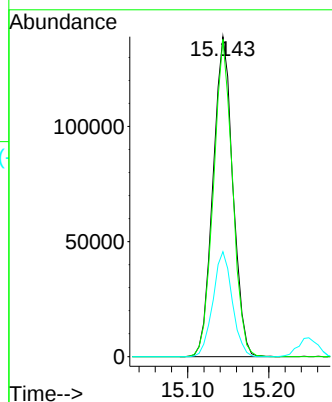
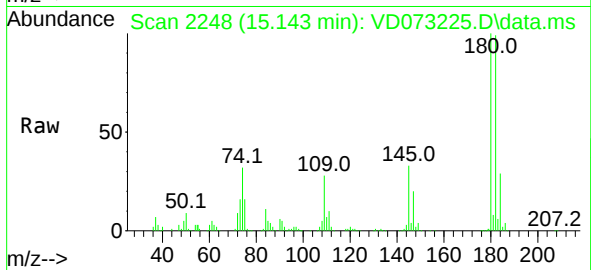
Tgt Ion:180 Resp: 235844

Ion Ratio Lower Upper

180 100

182 95.2 47.3 142.0

145 31.9 16.2 48.5



#94

Hexachlorobutadiene

Concen: 49.477 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

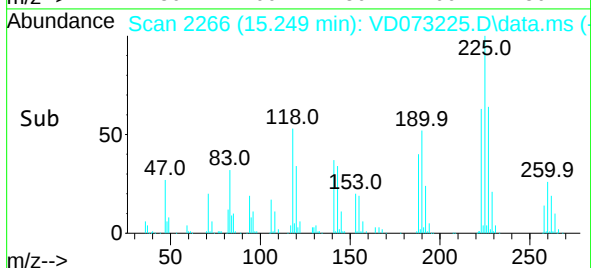
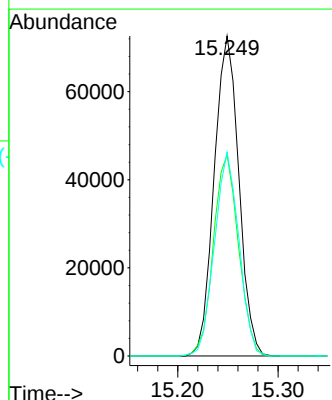
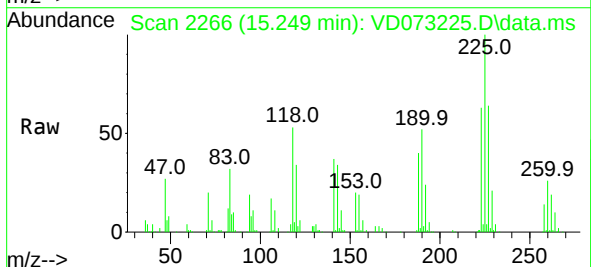
Tgt Ion:225 Resp: 124026

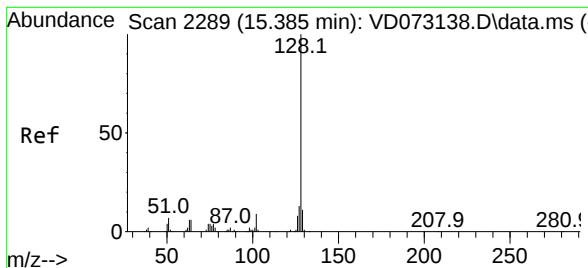
Ion Ratio Lower Upper

225 100

223 64.1 31.1 93.2

227 63.1 32.4 97.0





#95

Naphthalene

Concen: 48.432 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

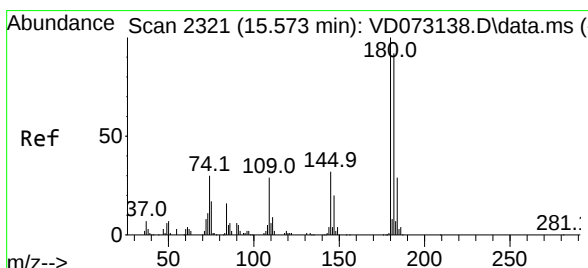
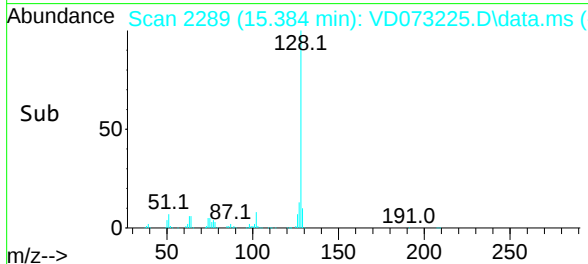
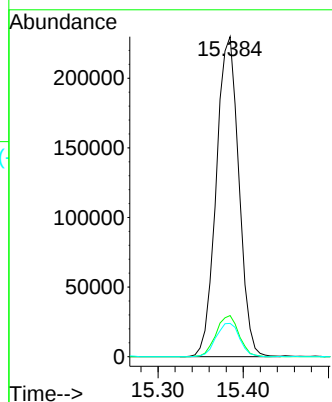
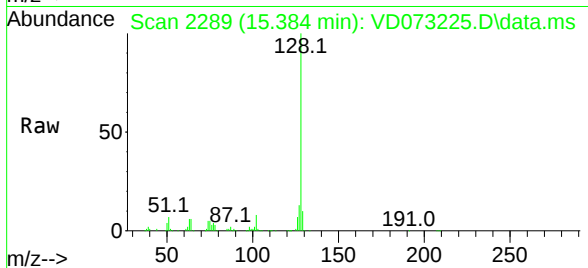
Tgt Ion:128 Resp: 423278

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 53.023 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073225.D

Acq: 21 May 2022 12:33

Tgt Ion:180 Resp: 209104

Ion Ratio Lower Upper

180 100

182 92.6 47.6 142.9

145 33.5 17.1 51.3

