

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073320.D
 Acq On : 24 May 2022 13:00
 Operator : VA/SY
 Sample : N2960-01
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-4-SP-1

Quant Time: May 24 16:44:57 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	10186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	18942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	20602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	9975	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	8198	72.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.660%	
35) Dibromofluoromethane	7.897	113	6667	53.339	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.680%	
50) Toluene-d8	10.332	98	27366	59.394	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.780%	
62) 4-Bromofluorobenzene	12.620	95	15507	95.902	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 191.800%#	

Target Compounds			Qvalue			
3) Chloromethane	2.209	50	697	6.056	ug/l	97
4) Vinyl Chloride	2.338	62	192	1.824	ug/l #	43
5) Bromomethane	2.791	94	1133	13.878	ug/l #	55
10) Methyl Iodide	4.309	142	626	5.226	ug/l #	54
11) Tert butyl alcohol	5.185	59	212	12.138	ug/l #	74
13) Acrolein	4.144	56	53	Below Cal	#	14
14) Allyl chloride	4.914	41	282	1.707	ug/l #	48
15) Acrylonitrile	5.444	53	64	2.737	ug/l #	17
16) Acetone	4.150	43	2960	151.809	ug/l #	85
18) Methyl Acetate	4.961	43	3181	58.670	ug/l #	55
25) 2-Butanone	7.203	43	221	7.747	ug/l #	52
26) 2,2-Dichloropropane	7.173	77	653	3.444	ug/l #	54
31) Cyclohexane	7.955	56	8195	41.659	ug/l #	51
36) 1,1-Dichloropropene	7.973	75	1130	6.011	ug/l #	59
37) Ethyl Acetate	7.203	43	221	2.976	ug/l #	56
38) Carbon Tetrachloride	7.985	117	973	5.106	ug/l #	13
39) Methylcyclohexane	9.349	83	31938	152.448	ug/l	87
41) Methacrylonitrile	7.544	41	215	4.970	ug/l #	27
43) Isopropyl Acetate	8.438	43	1962	14.295	ug/l #	54
47) Bromodichloromethane	9.632	83	3037	15.839	ug/l #	24
48) Methyl methacrylate	9.408	41	3242	46.951	ug/l #	54
51) 4-Methyl-2-Pentanone	10.244	43	1001	14.043	ug/l #	39
52) Toluene	10.385	92	636	1.858	ug/l #	2
55) 1,1,2-Trichloroethane	10.767	97	22198	219.061	ug/l #	20
56) Ethyl methacrylate	10.673	69	6716	59.610	ug/l #	41
58) 2-Chloroethyl Vinyl ether	9.914	63	274	26.297	ug/l #	48
59) 2-Hexanone	10.944	43	7929	168.716	ug/l #	28
60) Dibromochloromethane	10.867	129	240	1.899	ug/l #	10
61) 1,2-Dibromoethane	11.255	107	159	1.642	ug/l #	3
64) Tetrachloroethene	10.879	164	181	1.341	ug/l #	1
65) Chlorobenzene	11.655	112	634	1.500	ug/l #	42
67) Ethyl Benzene	11.732	91	9847	13.272	ug/l	91
68) m/p-Xylenes	11.838	106	85647	297.124	ug/l	96
69) o-Xylene	12.167	106	5788	21.858	ug/l	86
70) Styrene	12.173	104	724	1.589	ug/l #	1
73) Isopropylbenzene	12.467	105	17934	25.220	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073320.D
 Acq On : 24 May 2022 13:00
 Operator : VA/SY
 Sample : N2960-01
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-4-SP-1

Quant Time: May 24 16:44:57 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

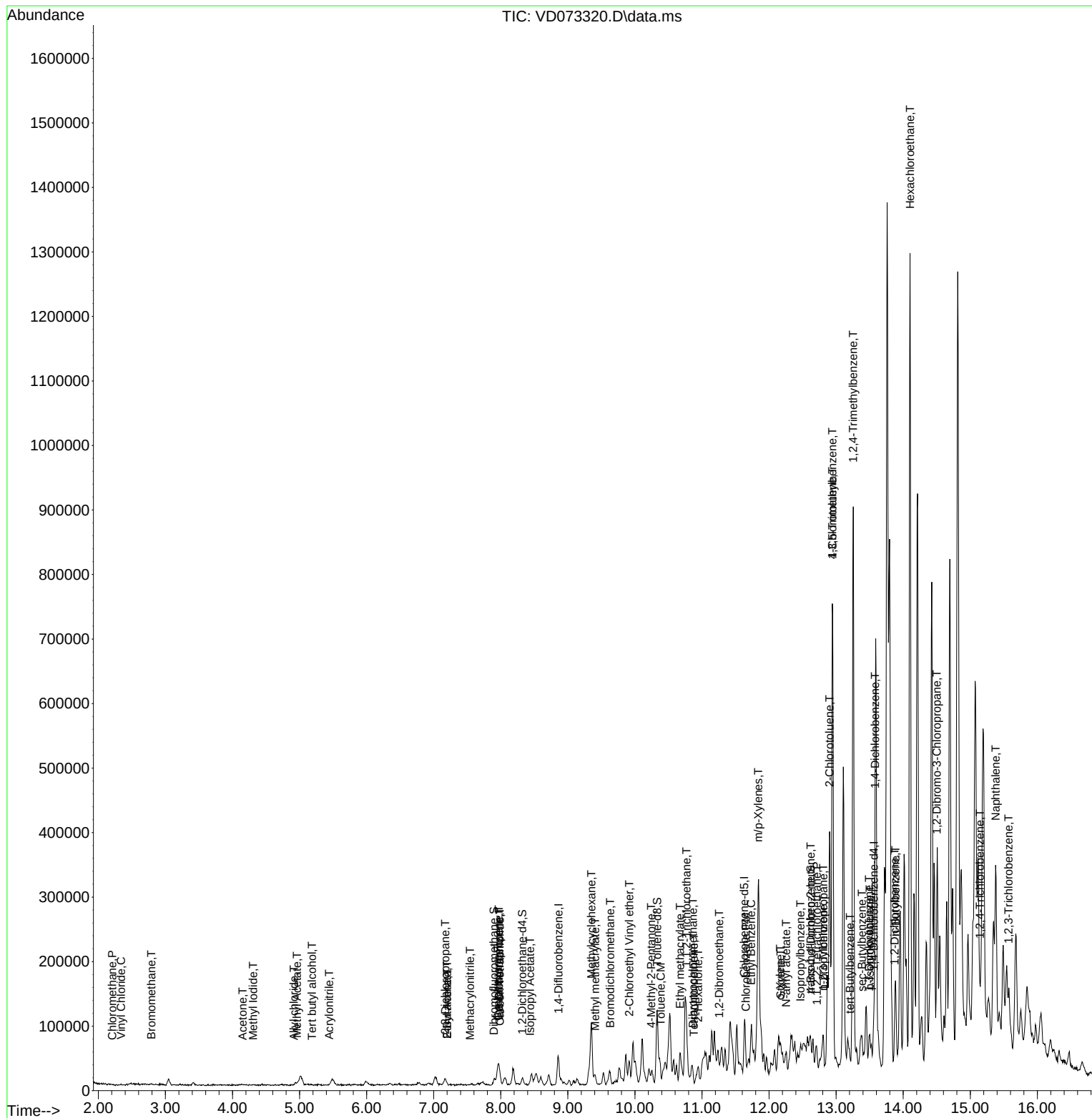
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	12.255	43	7066	45.549	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.714	83	551	4.201	ug/l #	1
76) 1,2,3-Trichloropropane	12.808	75	380	3.883	ug/l #	100
78) n-propylbenzene	12.808	91	31101	34.838	ug/l	98
79) 2-Chlorotoluene	12.902	91	28198	54.705	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.943	105	356588	591.961	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.620	75	5562	136.430	ug/l #	7
82) 4-Chlorotoluene	12.943	91	36855	68.214	ug/l #	42
83) tert-Butylbenzene	13.208	119	2324	4.578	ug/l #	38
84) 1,2,4-Trimethylbenzene	13.255	105	473484	795.647	ug/l	98
85) sec-Butylbenzene	13.385	105	23333	30.100	ug/l #	45
86) p-Isopropyltoluene	13.502	119	16248	25.713	ug/l	94
87) 1,3-Dichlorobenzene	13.490	146	444	1.316	ug/l #	1
88) 1,4-Dichlorobenzene	13.579	146	686	2.014	ug/l #	7
89) n-Butylbenzene	13.885	91	6799	11.292	ug/l #	1
90) Hexachloroethane	14.102	117	61739	472.184	ug/l #	17
91) 1,2-Dichlorobenzene	13.873	146	327	1.120	ug/l #	24
92) 1,2-Dibromo-3-Chloropr...	14.502	75	1579	78.618	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.143	180	1292	7.795	ug/l #	1
95) Naphthalene	15.379	128	210993	604.134	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	1144	7.786	ug/l #	1

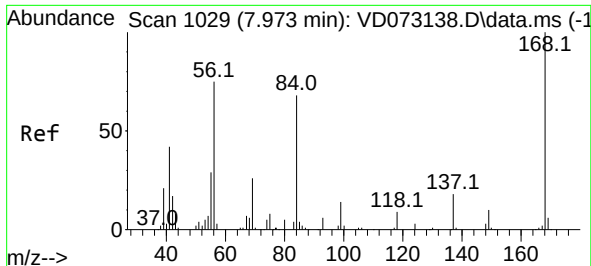
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073320.D
 Acq On : 24 May 2022 13:00
 Operator : VA/SY
 Sample : N2960-01
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-4-SP-1

Quant Time: May 24 16:44:57 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

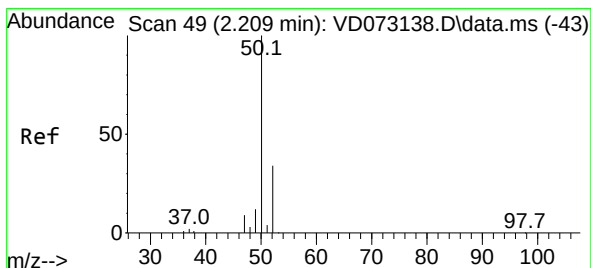
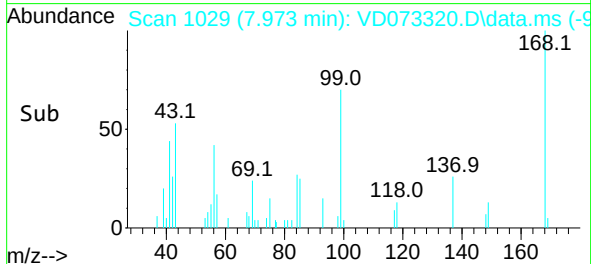
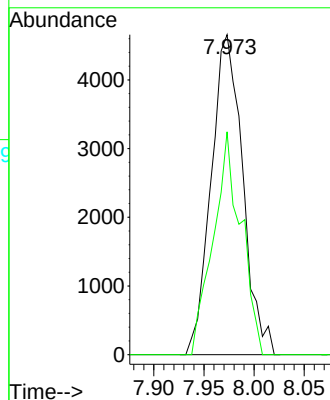
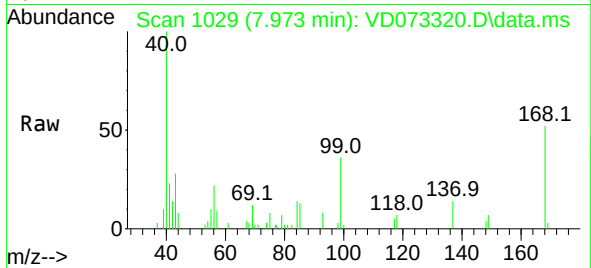




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

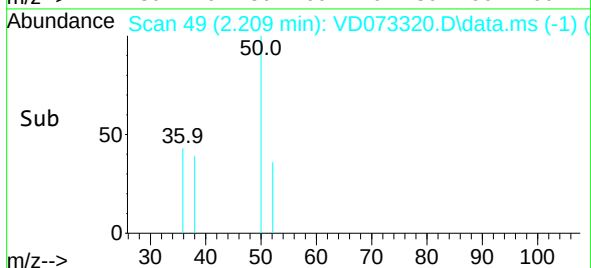
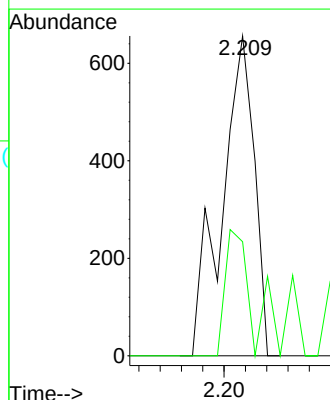
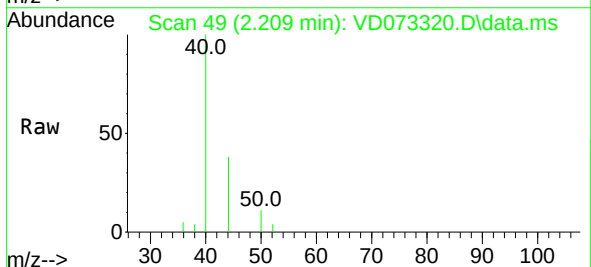
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

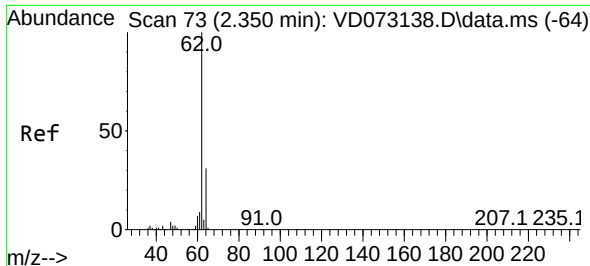
Tgt Ion:168 Resp: 10186
Ion Ratio Lower Upper
168 100
99 69.7 49.8 74.6



#3
Chloromethane
Concen: 6.056 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 50 Resp: 697
Ion Ratio Lower Upper
50 100
52 35.7 27.4 41.0

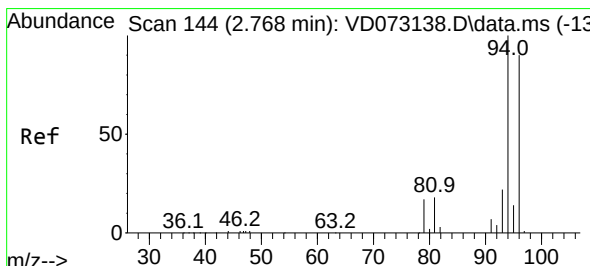
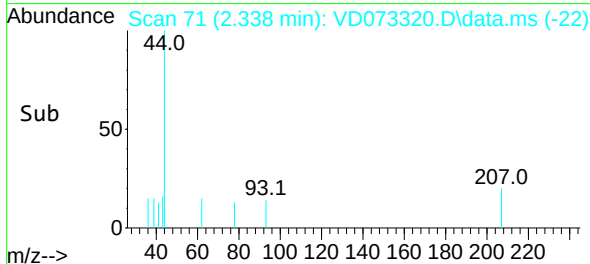
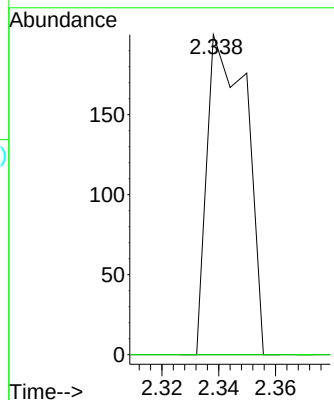
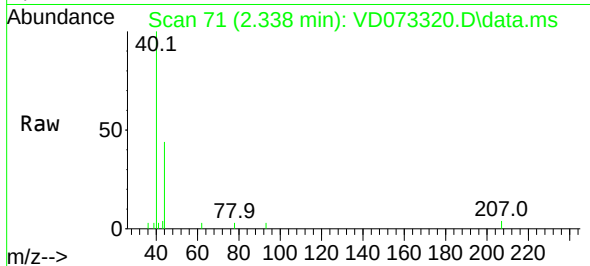




#4
 Vinyl Chloride
 Concen: 1.824 ug/l
 RT: 2.338 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: VD073320.D
 Acq: 24 May 2022 13:00

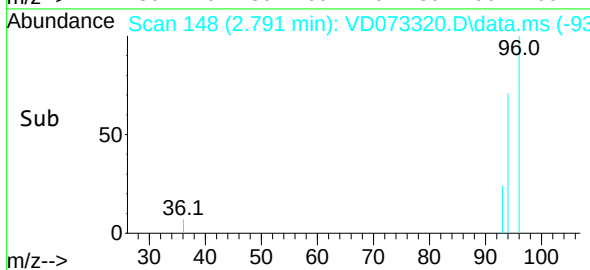
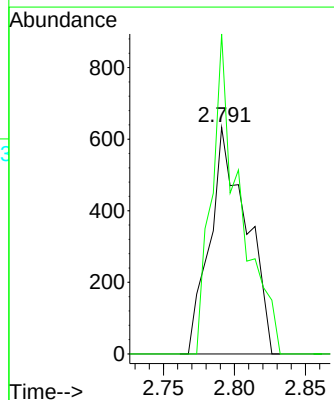
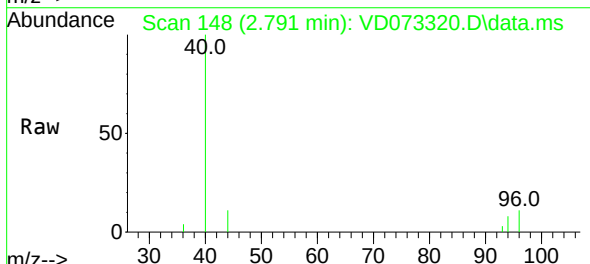
Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-4-SP-1

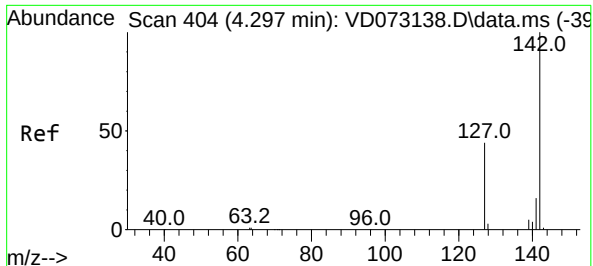
Tgt Ion: 62 Resp: 192
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 13.878 ug/l
 RT: 2.791 min Scan# 148
 Delta R.T. 0.023 min
 Lab File: VD073320.D
 Acq: 24 May 2022 13:00

Tgt Ion: 94 Resp: 1133
 Ion Ratio Lower Upper
 94 100
 96 141.2 77.6 116.4#

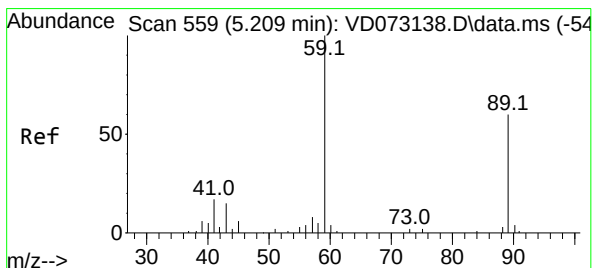
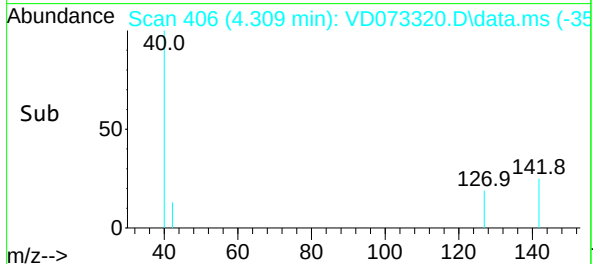
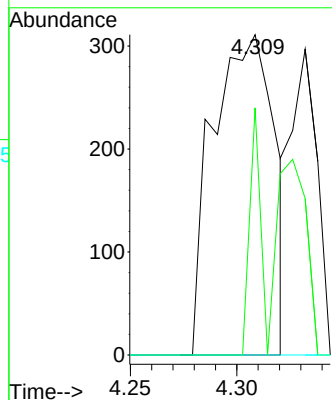
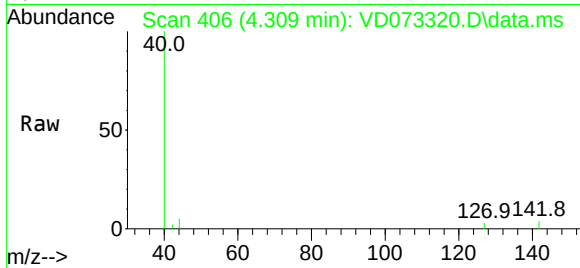




#10
Methyl Iodide
Concen: 5.226 ug/l
RT: 4.309 min Scan# 40
Delta R.T. 0.012 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

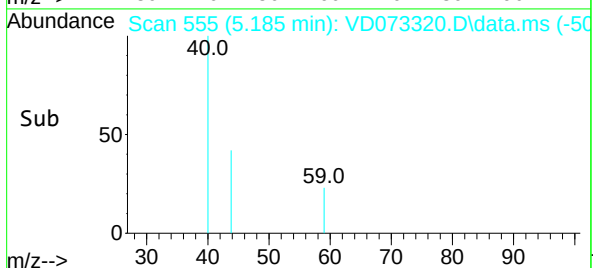
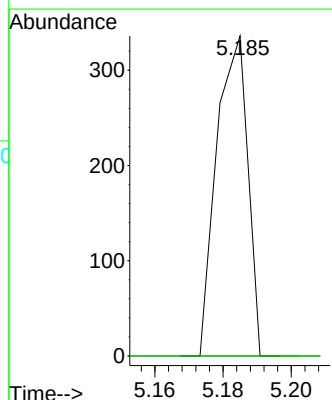
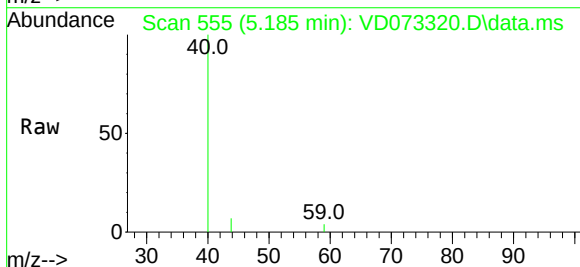
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

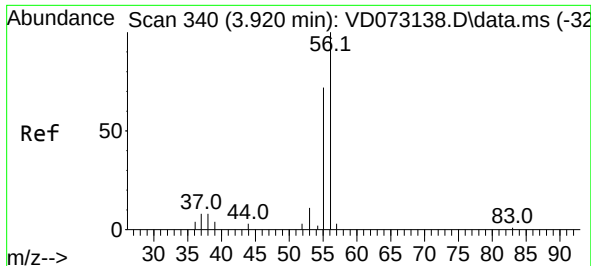
Tgt Ion:142 Resp: 626
Ion Ratio Lower Upper
142 100
127 13.6 37.3 55.9#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 12.138 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.024 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

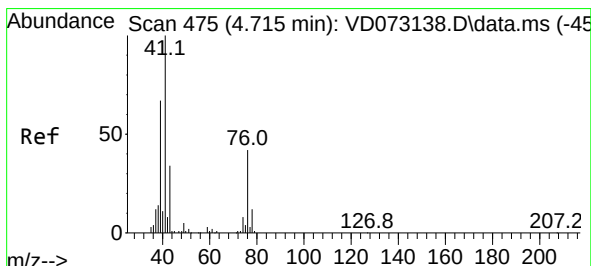
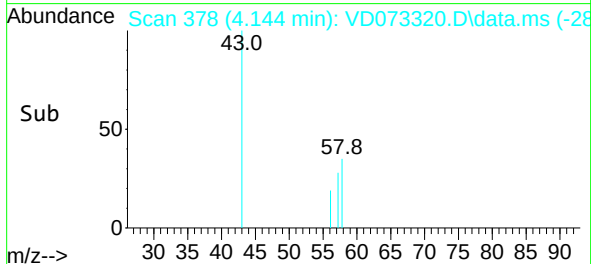
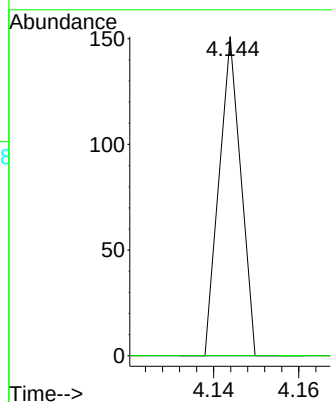
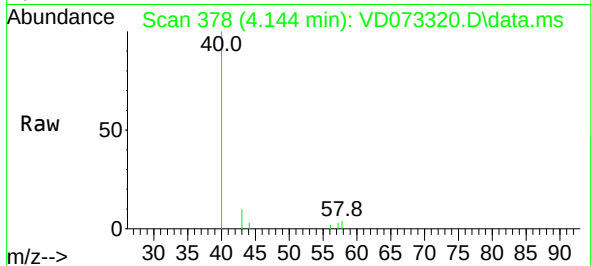




#13
Acrolein
Concen: Below Cal
RT: 4.144 min Scan# 31
Delta R.T. 0.224 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

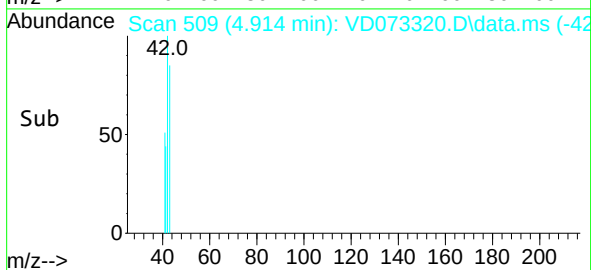
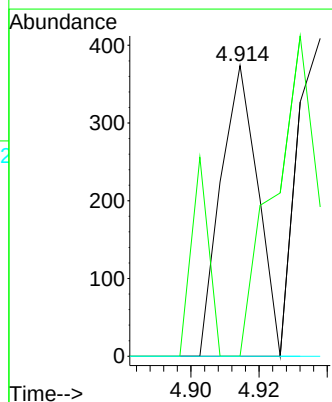
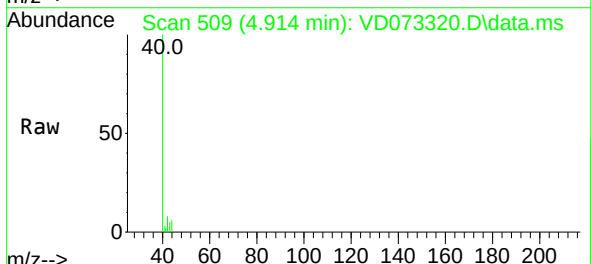
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

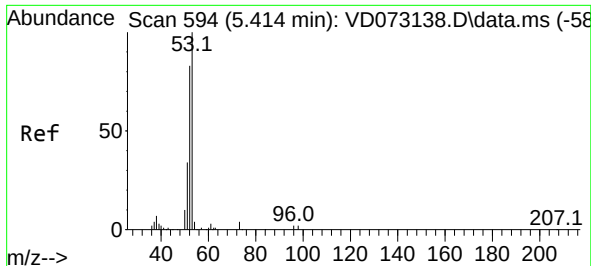
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#14
Allyl chloride
Concen: 1.707 ug/l
RT: 4.914 min Scan# 509
Delta R.T. 0.199 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 41 Resp: 282
Ion Ratio Lower Upper
41 100
39 31.9 59.3 88.9#
76 0.0 25.7 38.5#

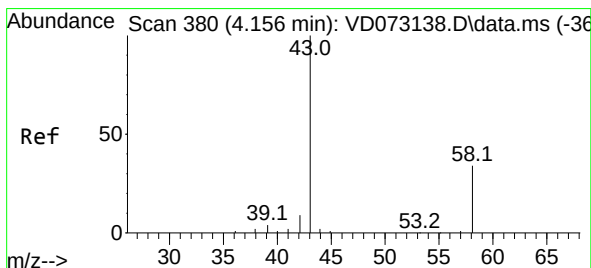
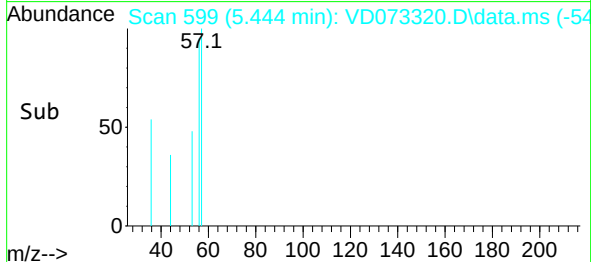
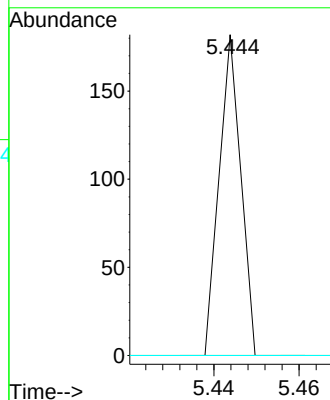
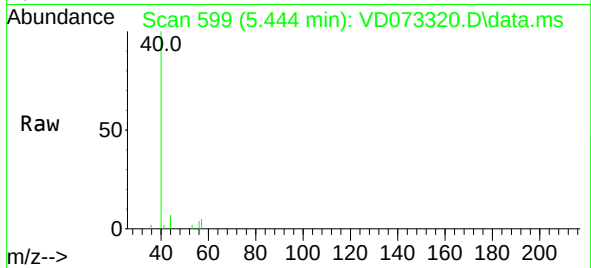




#15
Acrylonitrile
Concen: 2.737 ug/l
RT: 5.444 min Scan# 51
Delta R.T. 0.030 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

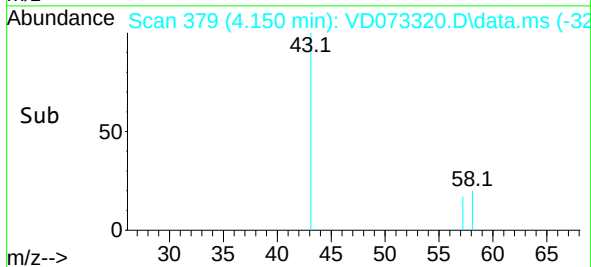
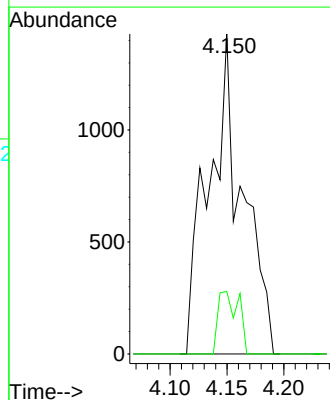
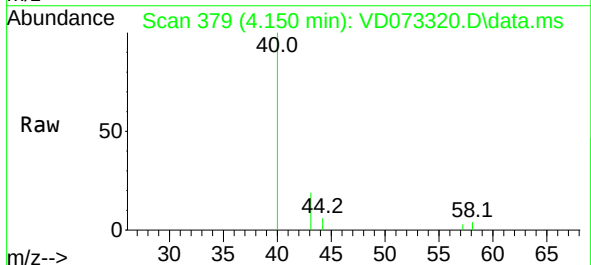
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

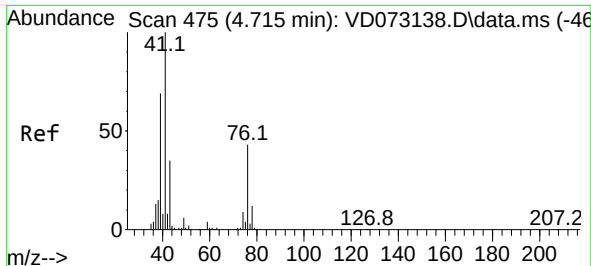
Tgt Ion: 53 Resp: 64
Ion Ratio Lower Upper
53 100
52 0.0 67.2 100.8#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 151.809 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 43 Resp: 2960
Ion Ratio Lower Upper
43 100
58 19.5 22.1 33.1#

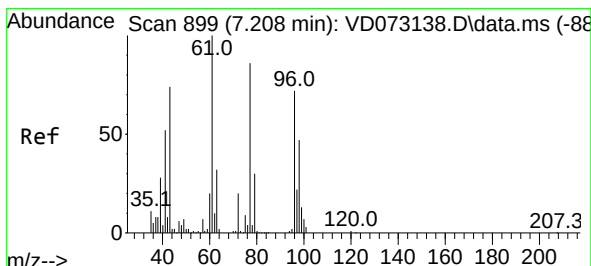
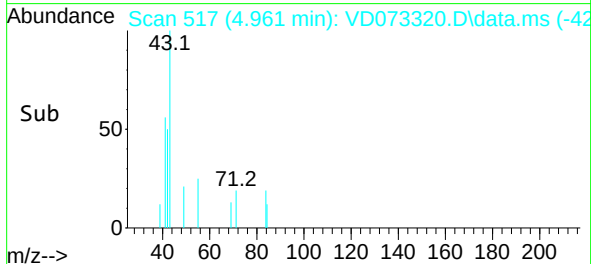
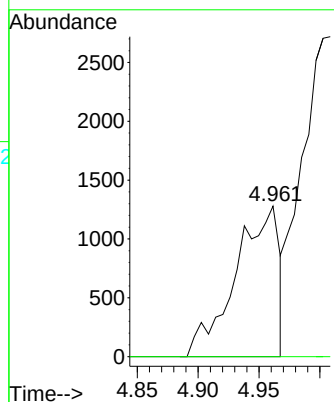
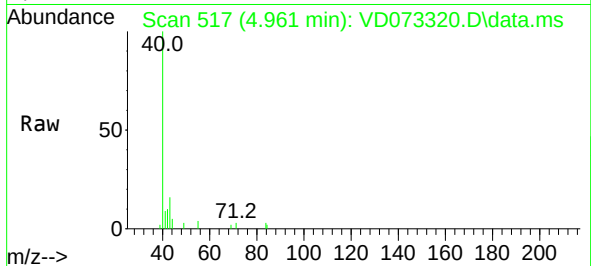




#18
Methyl Acetate
Concen: 58.670 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.246 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

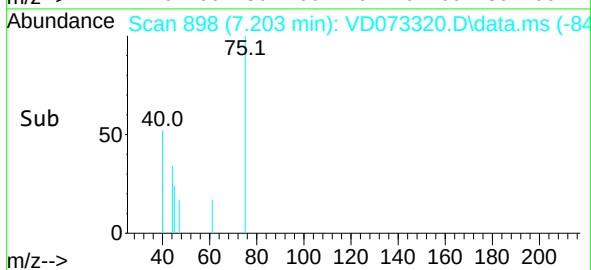
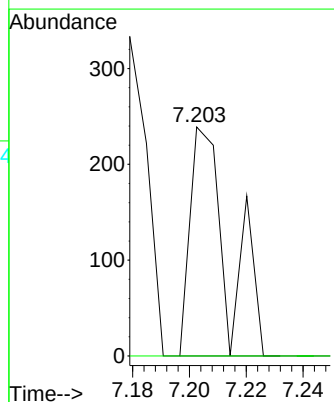
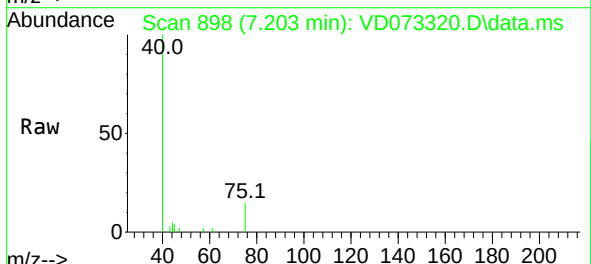
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

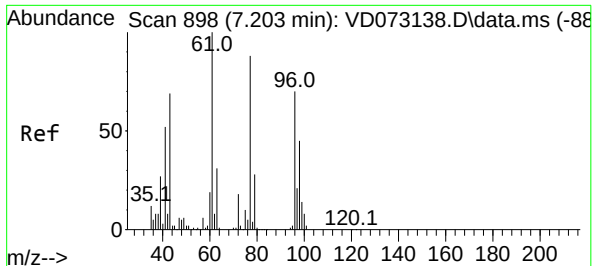
Tgt Ion: 43 Resp: 3181
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#25
2-Butanone
Concen: 7.747 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#

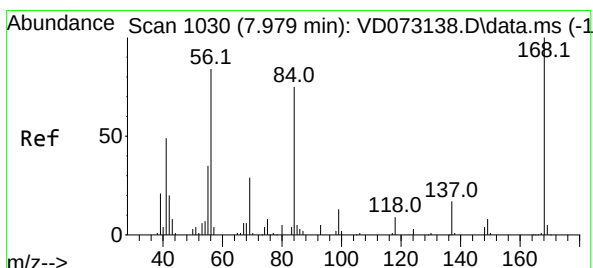
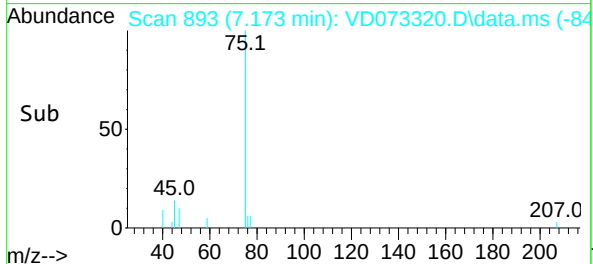
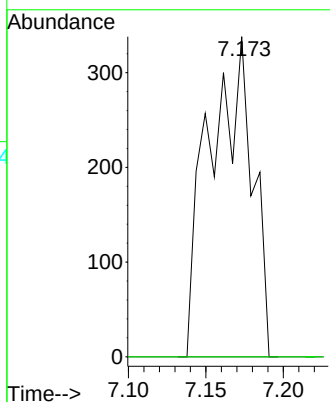
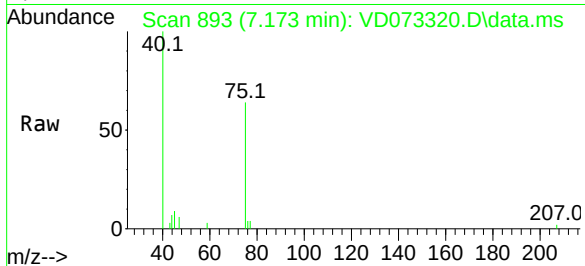




#26
2,2-Dichloropropane
Concen: 3.444 ug/l
RT: 7.173 min Scan# 89
Delta R.T. -0.030 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

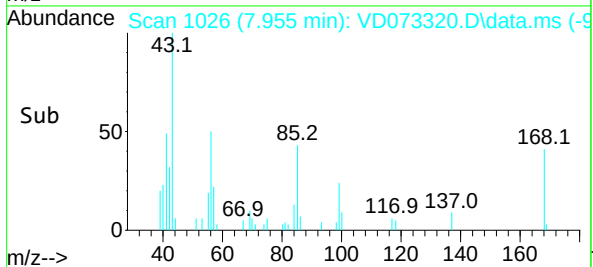
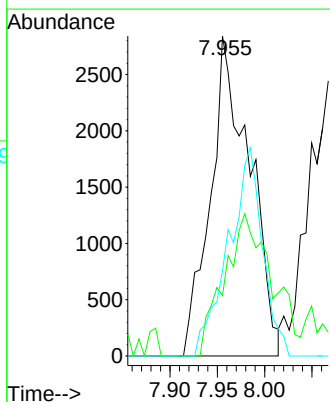
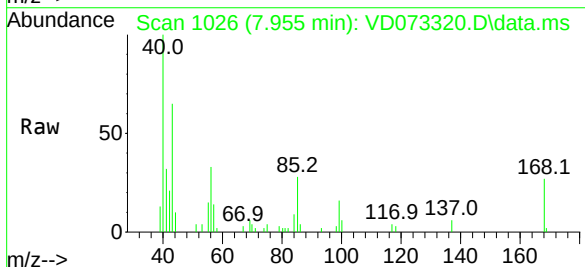
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

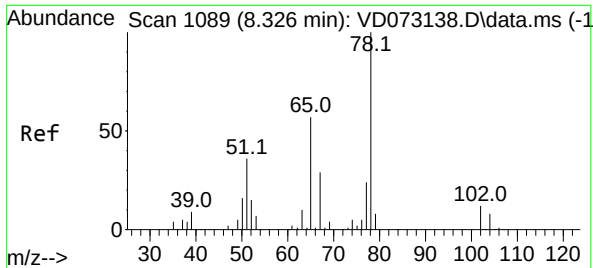
Tgt Ion: 77 Resp: 653
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



#31
Cyclohexane
Concen: 41.659 ug/l
RT: 7.955 min Scan# 1026
Delta R.T. -0.024 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 56 Resp: 8195
Ion Ratio Lower Upper
56 100
69 18.9 25.4 38.2#
84 26.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 72.826 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073320.D

Acq: 24 May 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

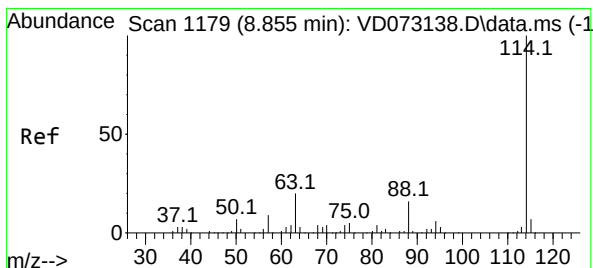
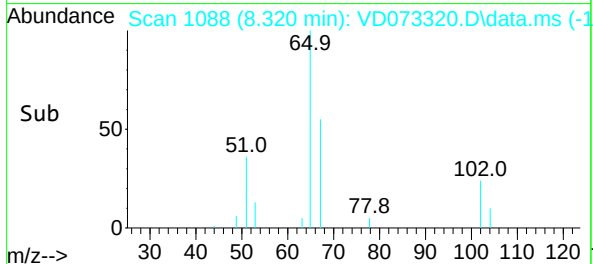
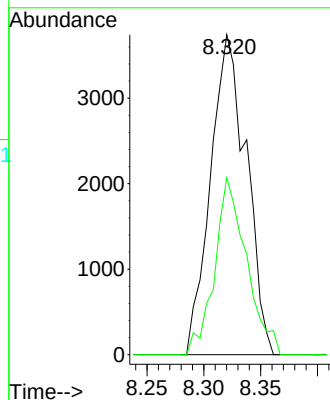
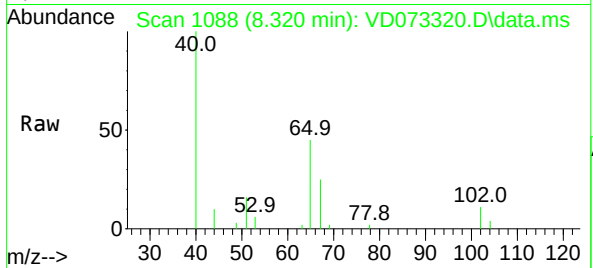
BIN-4-SP-1

Tgt Ion: 65 Resp: 8198

Ion Ratio Lower Upper

65 100

67 49.2 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: VD073320.D

Acq: 24 May 2022 13:00

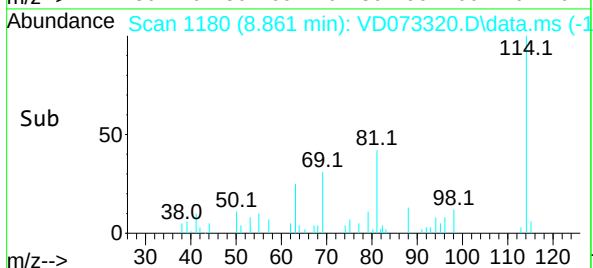
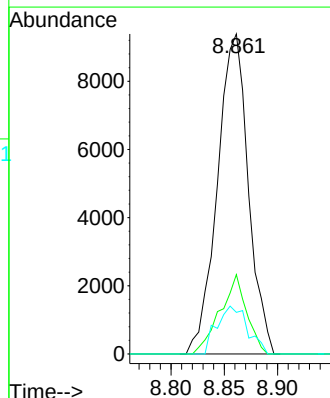
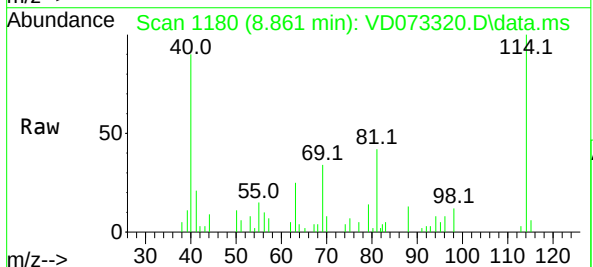
Tgt Ion: 114 Resp: 18942

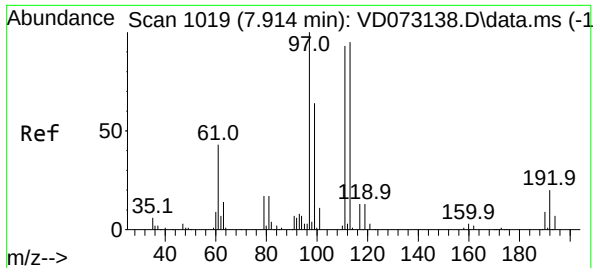
Ion Ratio Lower Upper

114 100

63 24.8 0.0 46.6

88 13.0 0.0 33.2

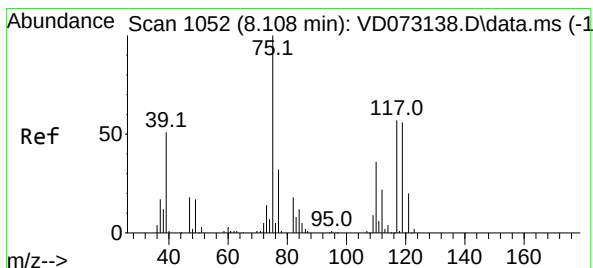
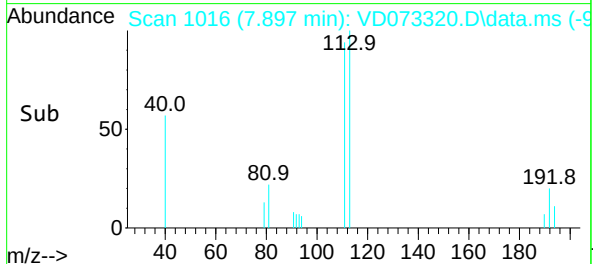
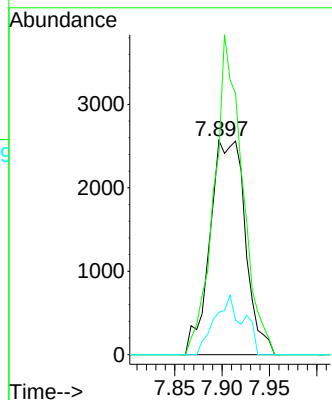
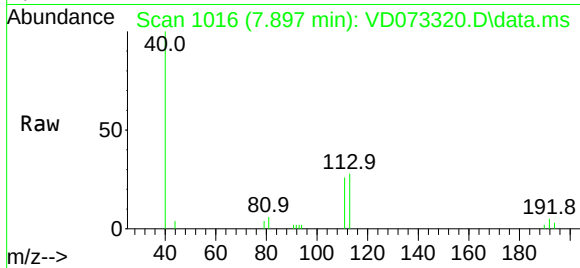




#35
Dibromofluoromethane
Concen: 53.339 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.017 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

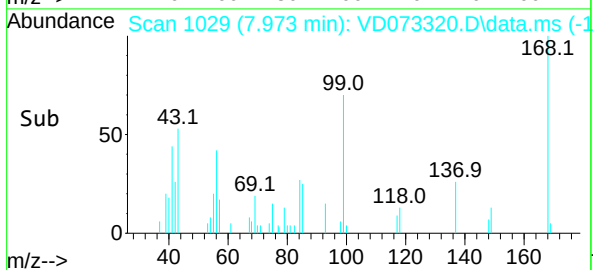
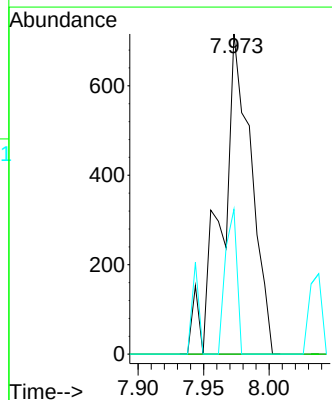
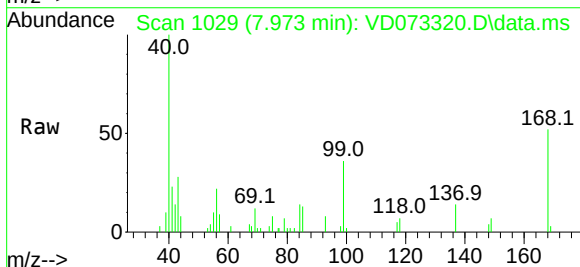
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

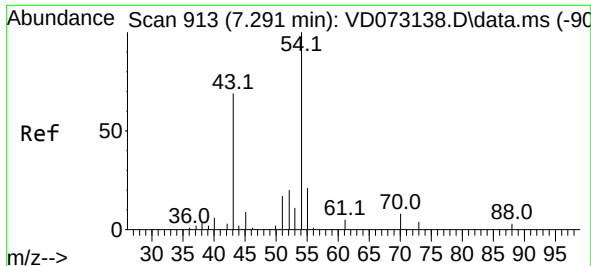
Tgt Ion:113 Resp: 6667
Ion Ratio Lower Upper
113 100
111 119.3 83.8 125.6
192 22.3 14.6 21.8#



#36
1,1-Dichloropropene
Concen: 6.011 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 75 Resp: 1130
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 17.6 24.2 36.2#





#37

Ethyl Acetate

Concen: 2.976 ug/l

RT: 7.203 min Scan# 89

Delta R.T. -0.088 min

Lab File: VD073320.D

Acq: 24 May 2022 13:00

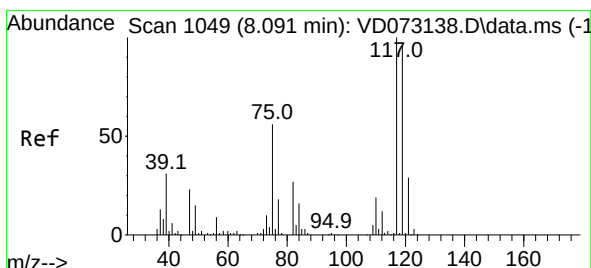
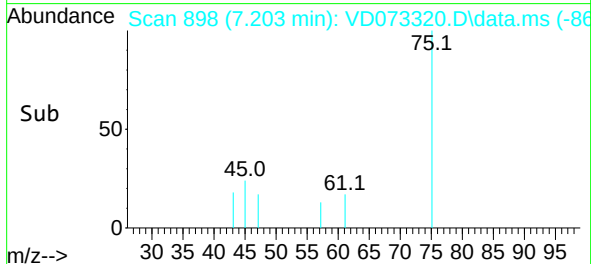
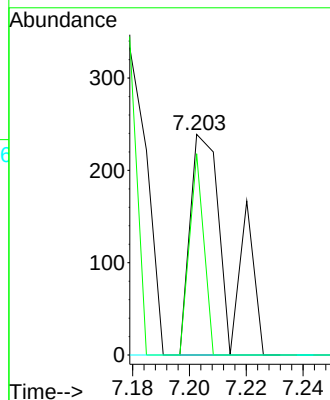
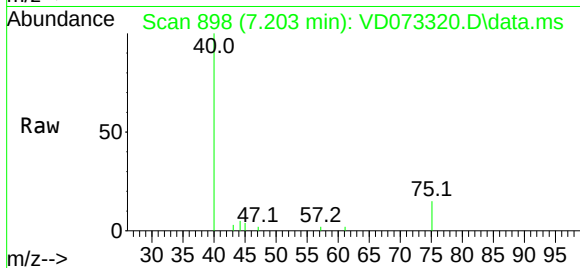
Instrument :

MSVOA_D

ClientSampleId :

BIN-4-SP-1

Tgt Ion: 43	Resp:	221
Ion	Ratio	Lower Upper
43	100	
61	34.8	9.8 14.8#
70	0.0	6.9 10.3#



#38

Carbon Tetrachloride

Concen: 5.106 ug/l

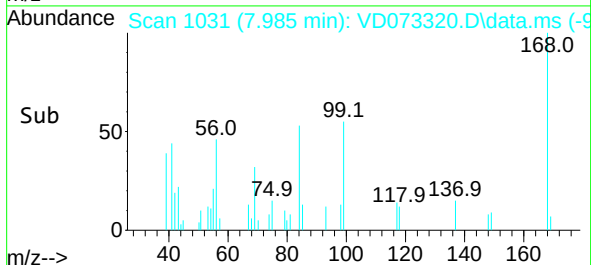
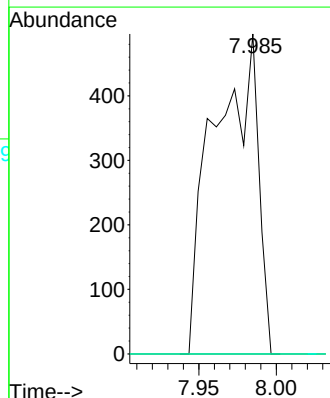
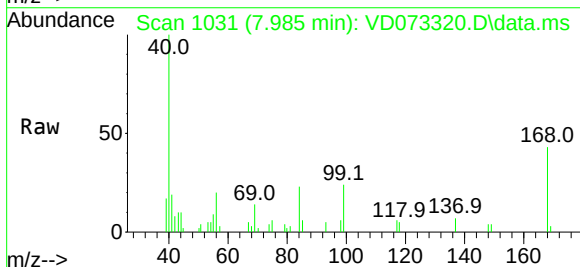
RT: 7.985 min Scan# 1031

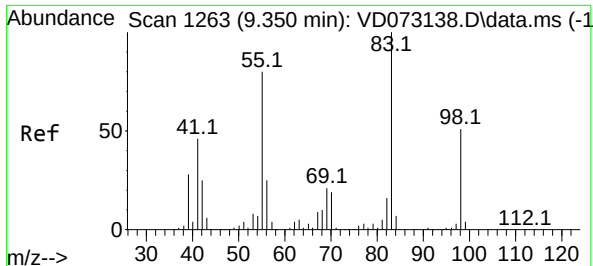
Delta R.T. -0.106 min

Lab File: VD073320.D

Acq: 24 May 2022 13:00

Tgt Ion: 117	Resp:	973
Ion	Ratio	Lower Upper
117	100	
119	0.0	75.8 113.6#
121	0.0	24.5 36.7#





#39

Methylcyclohexane

Concen: 152.448 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073320.D

Acq: 24 May 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

BIN-4-SP-1

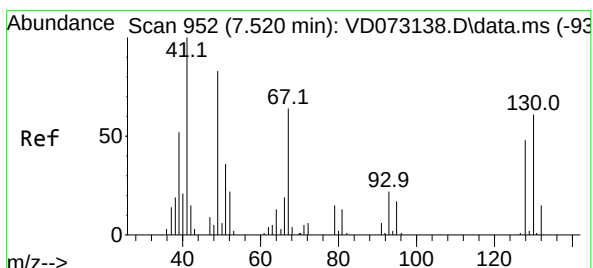
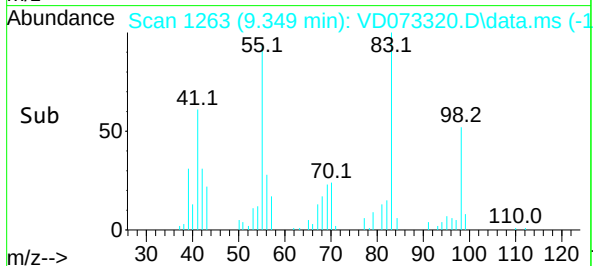
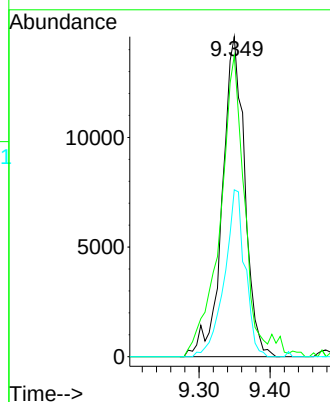
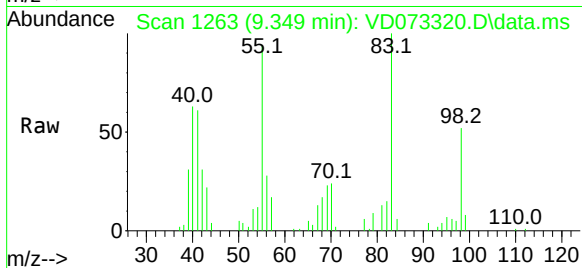
Tgt Ion: 83 Resp: 31938

Ion Ratio Lower Upper

83 100

55 94.1 63.2 94.8

98 52.1 38.2 57.4



#41

Methacrylonitrile

Concen: 4.970 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.024 min

Lab File: VD073320.D

Acq: 24 May 2022 13:00

Tgt Ion: 41 Resp: 215

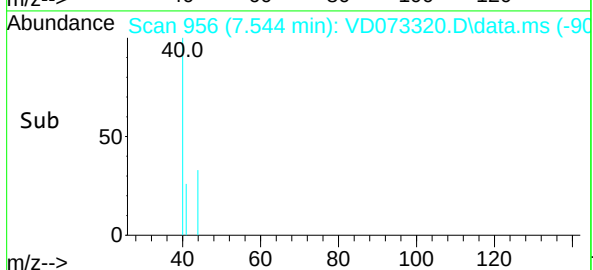
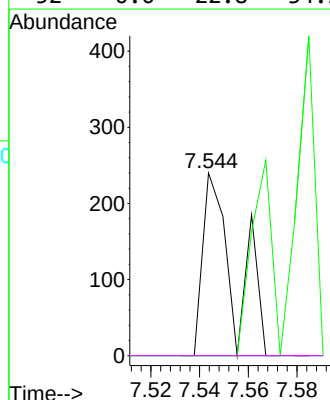
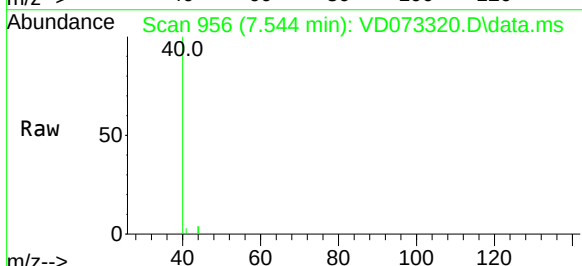
Ion Ratio Lower Upper

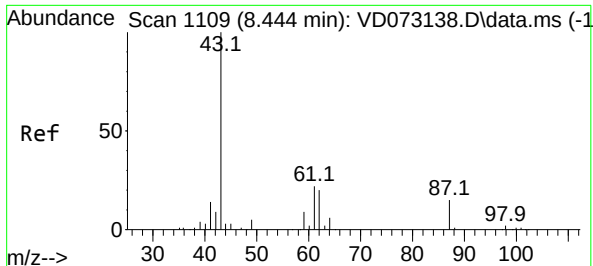
41 100

39 0.0 44.6 67.0#

67 0.0 48.2 72.4#

52 0.0 22.8 34.2#

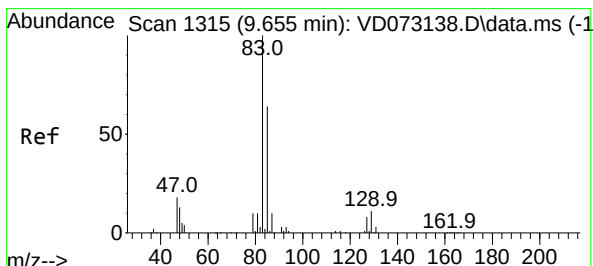
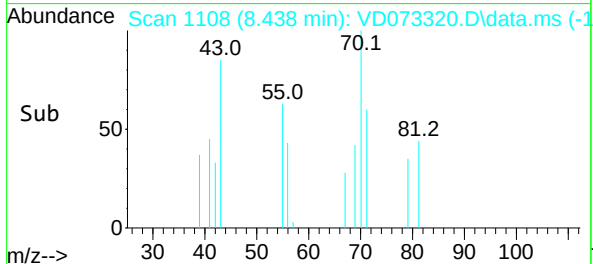
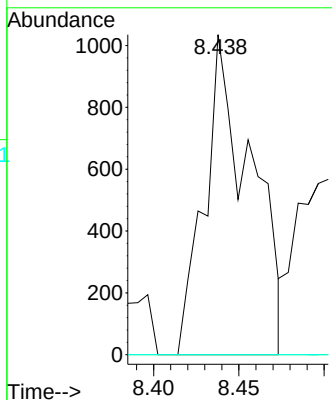
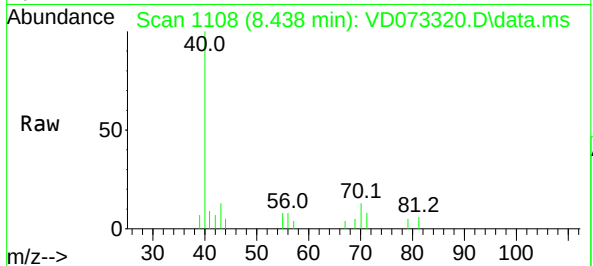




#43
Isopropyl Acetate
Concen: 14.295 ug/l
RT: 8.438 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

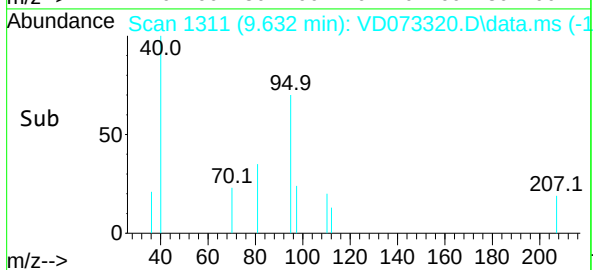
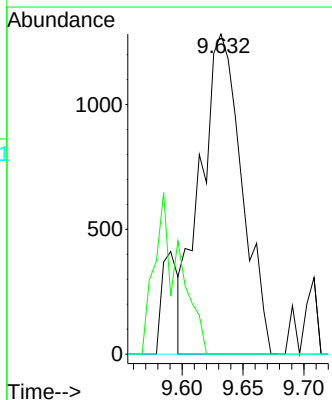
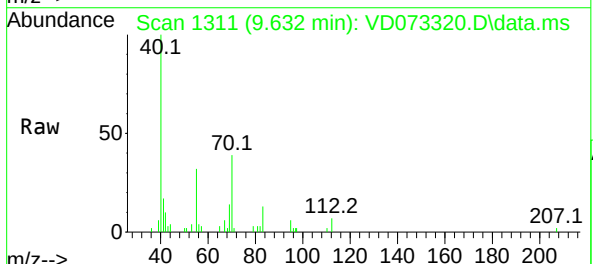
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

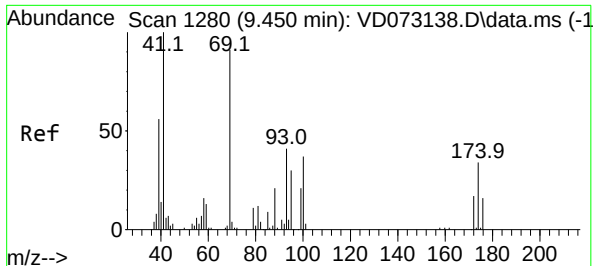
Tgt Ion: 43 Resp: 1962
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 8.7 13.1#



#47
Bromodichloromethane
Concen: 15.839 ug/l
RT: 9.632 min Scan# 1311
Delta R.T. -0.023 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 83 Resp: 3037
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#
127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 46.951 ug/l

RT: 9.408 min Scan# 1273

Delta R.T. -0.042 min

Lab File: VD073320.D

Acq: 24 May 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

BIN-4-SP-1

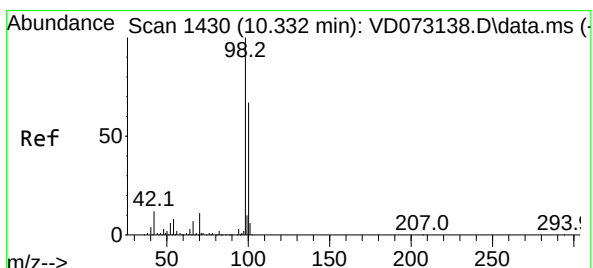
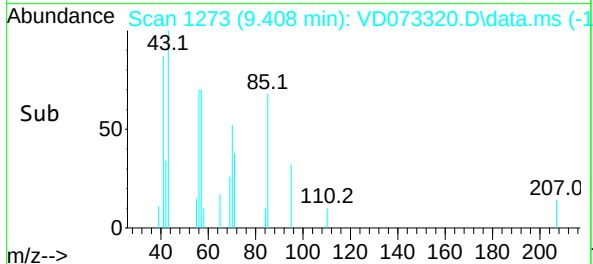
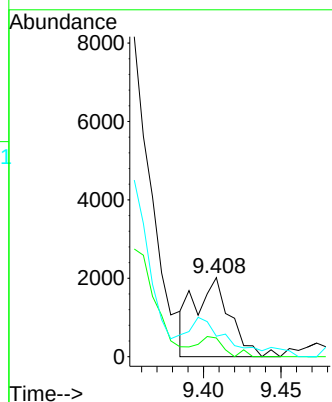
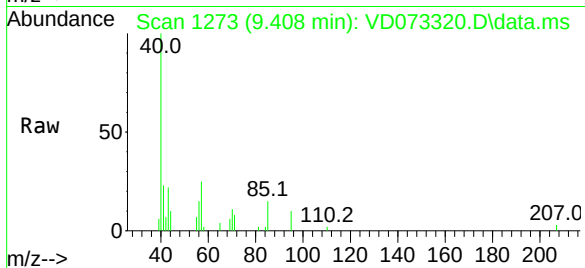
Tgt Ion: 41 Resp: 3242

Ion Ratio Lower Upper

41 100

69 18.0 56.7 85.1#

39 37.0 42.7 64.1#



#50

Toluene-d8

Concen: 59.394 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073320.D

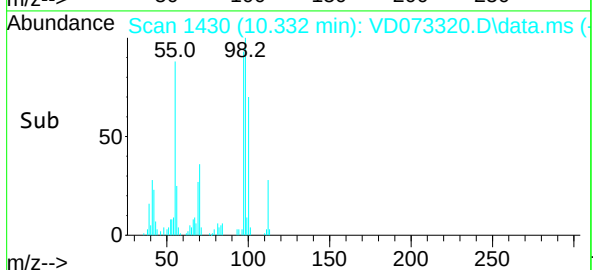
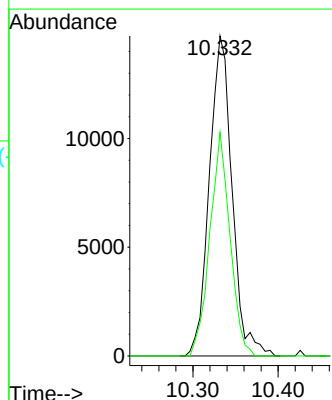
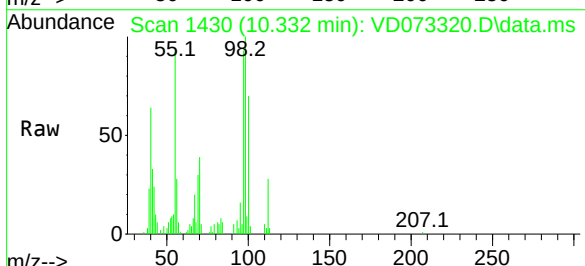
Acq: 24 May 2022 13:00

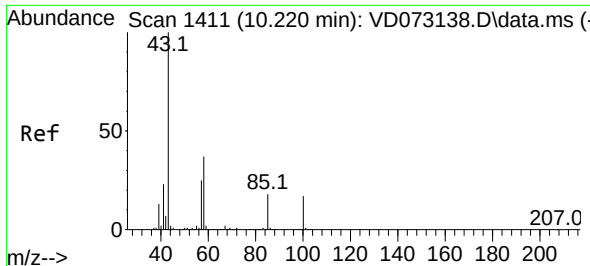
Tgt Ion: 98 Resp: 27366

Ion Ratio Lower Upper

98 100

100 61.9 52.4 78.6

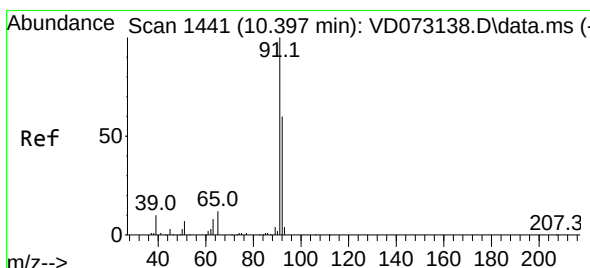
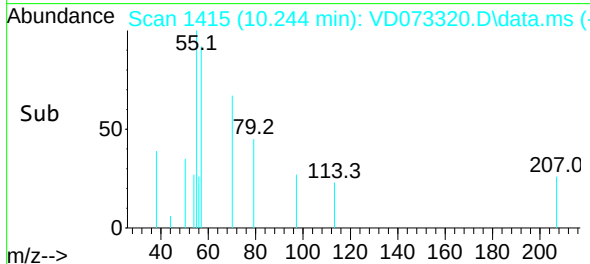
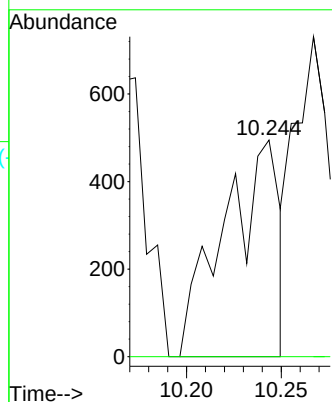
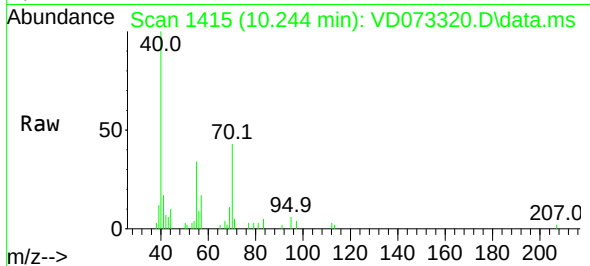




#51
4-Methyl-2-Pentanone
Concen: 14.043 ug/l
RT: 10.244 min Scan# 1415
Delta R.T. 0.024 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

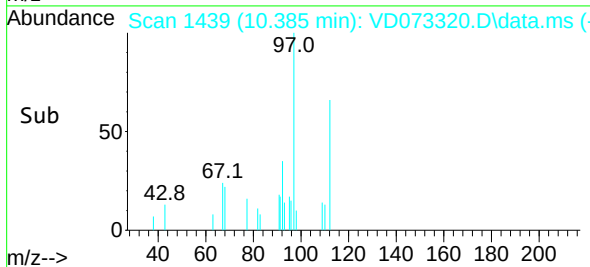
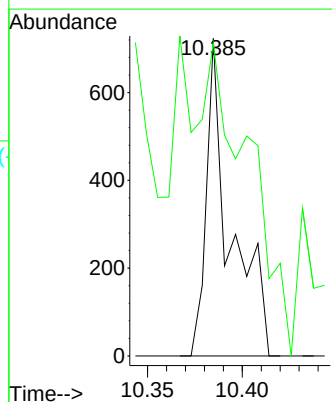
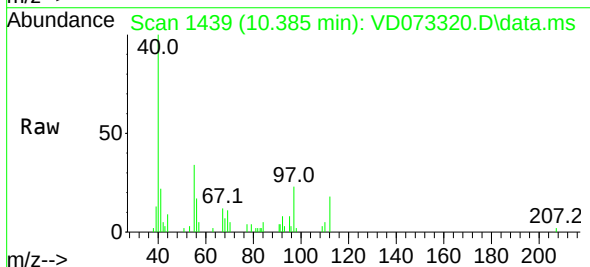
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

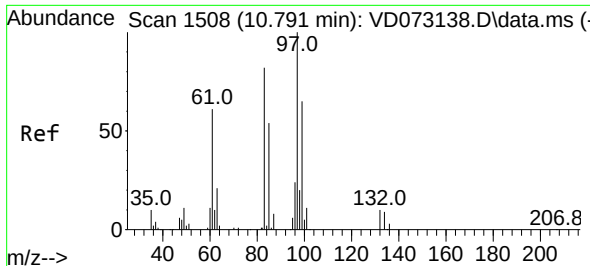
Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#52
Toluene
Concen: 1.858 ug/l
RT: 10.385 min Scan# 1439
Delta R.T. -0.012 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 92 Resp: 636
Ion Ratio Lower Upper
92 100
91 38.5 139.6 209.4#

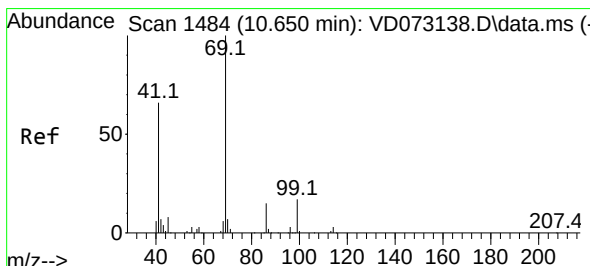
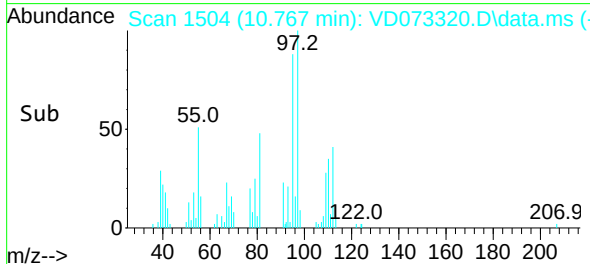
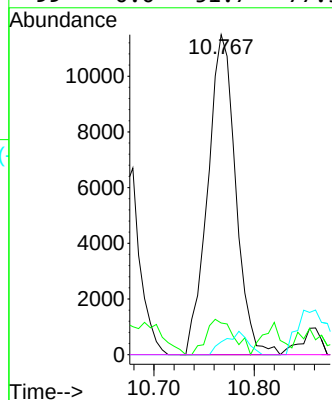
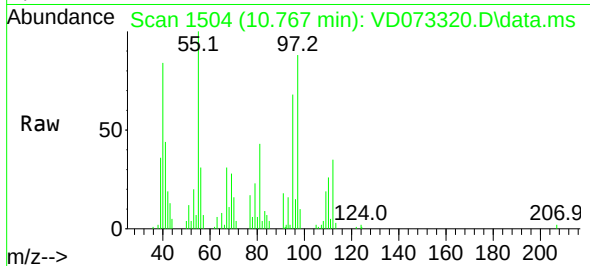




#55
1,1,2-Trichloroethane
Concen: 219.061 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

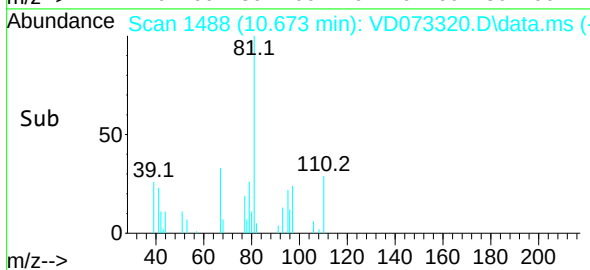
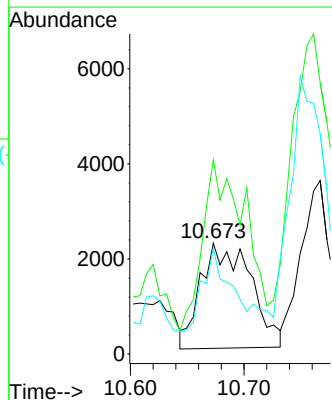
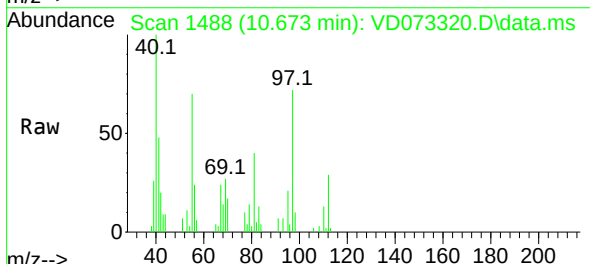
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

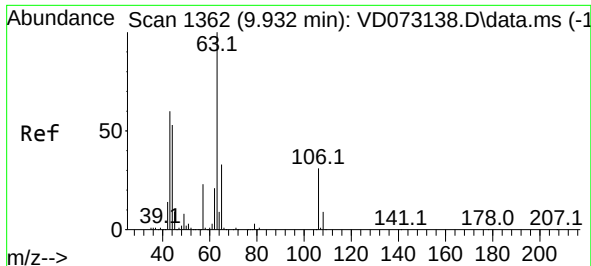
Tgt Ion: 97	Resp: 22198
Ion Ratio	Lower Upper
97 100	
83 8.2	69.0 103.4#
85 4.0	42.6 63.8#
99 0.0	51.7 77.5#



#56
Ethyl methacrylate
Concen: 59.610 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.023 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 69	Resp: 6716
Ion Ratio	Lower Upper
69 100	
41 144.0	63.0 94.6#
39 60.8	33.8 50.8#





#58

2-Chloroethyl Vinyl ether

Concen: 26.297 ug/l

RT: 9.914 min Scan# 11

Delta R.T. -0.018 min

Lab File: VD073320.D

Acq: 24 May 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

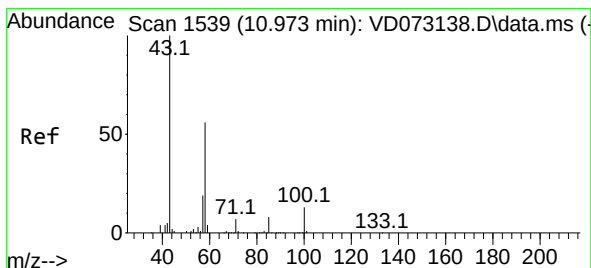
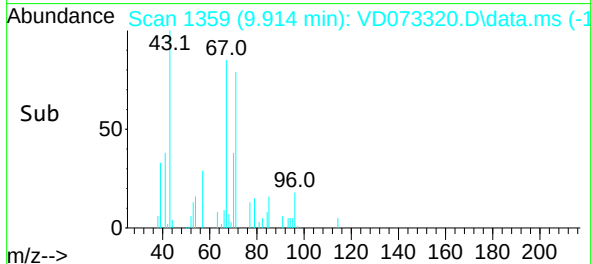
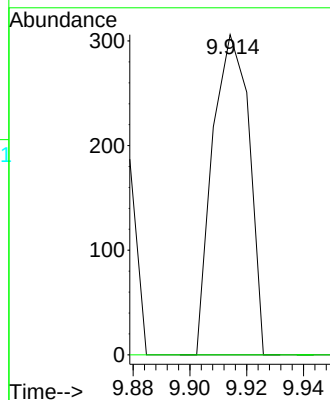
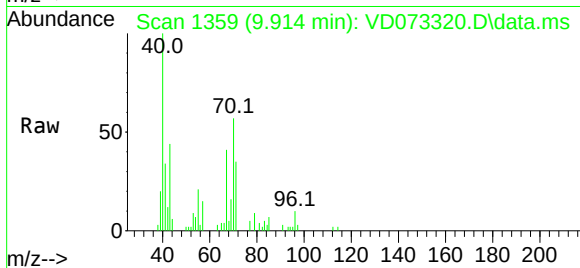
BIN-4-SP-1

Tgt Ion: 63 Resp: 274

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#



#59

2-Hexanone

Concen: 168.716 ug/l

RT: 10.944 min Scan# 1534

Delta R.T. -0.030 min

Lab File: VD073320.D

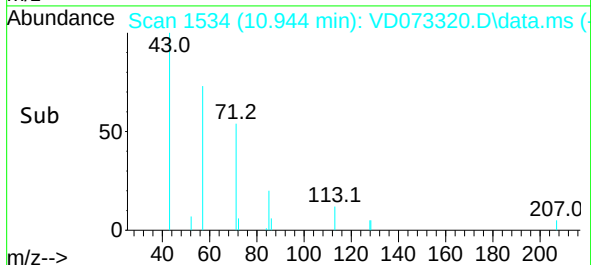
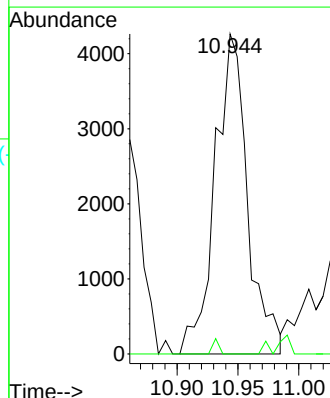
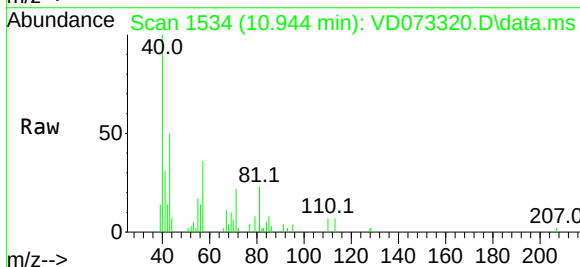
Acq: 24 May 2022 13:00

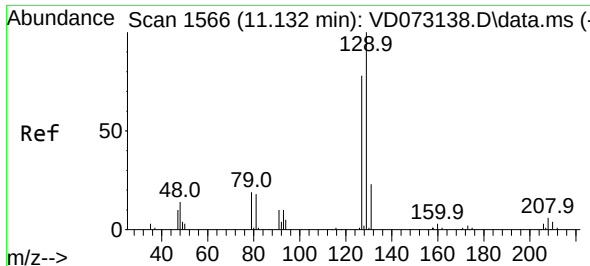
Tgt Ion: 43 Resp: 7929

Ion Ratio Lower Upper

43 100

58 0.9 25.3 75.9#

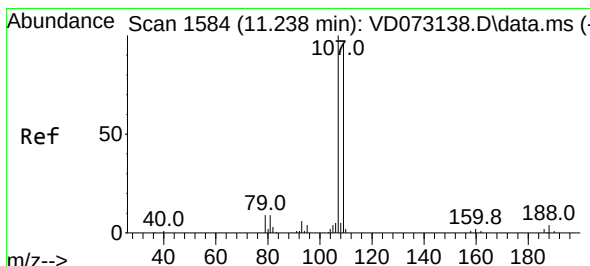
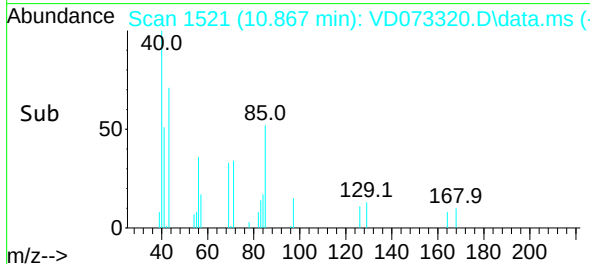
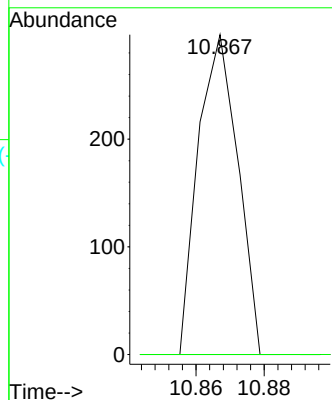
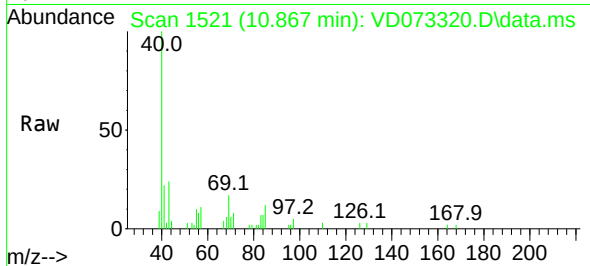




#60
Dibromochloromethane
Concen: 1.899 ug/l
RT: 10.867 min Scan# 11
Delta R.T. -0.265 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

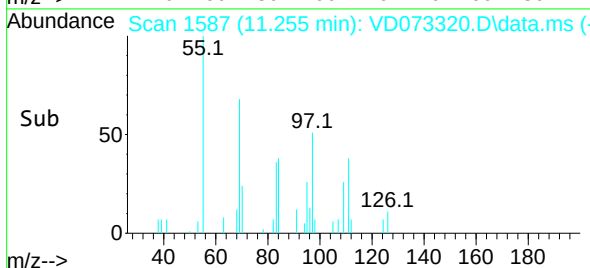
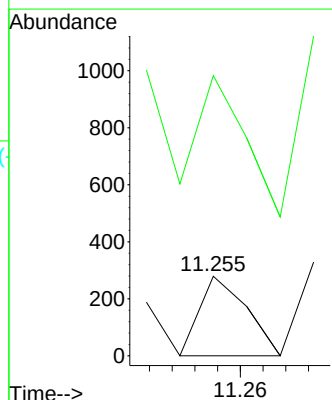
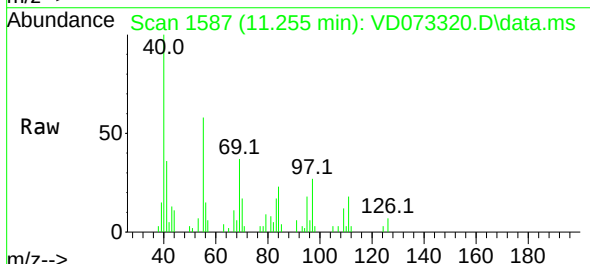
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

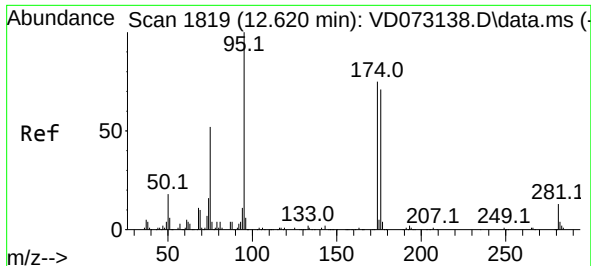
Tgt Ion:129 Resp: 240
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#



#61
1,2-Dibromoethane
Concen: 1.642 ug/l
RT: 11.255 min Scan# 1587
Delta R.T. 0.017 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion:107 Resp: 159
Ion Ratio Lower Upper
107 100
109 0.0 74.2 111.4#

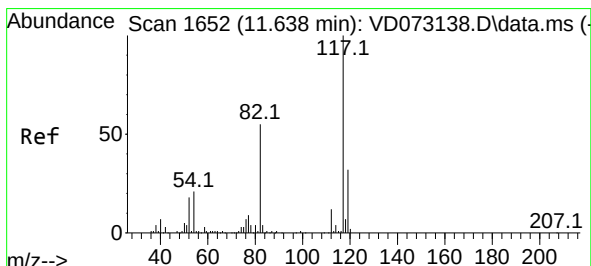
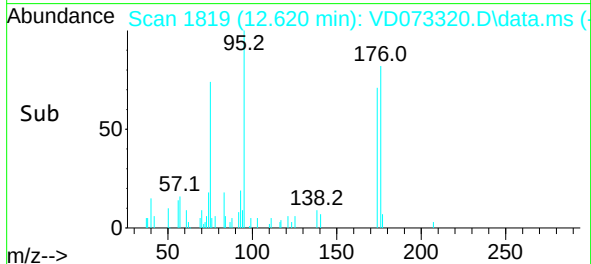
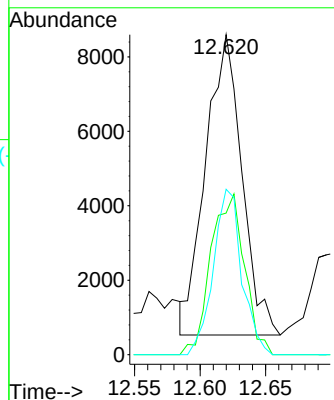
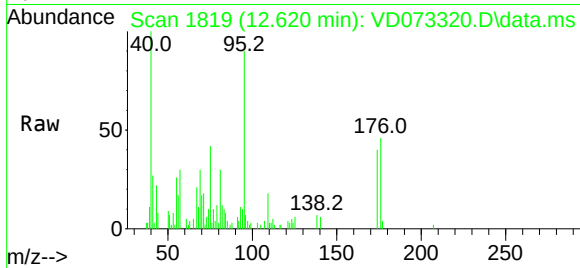




#62
4-Bromofluorobenzene
Concen: 95.902 ug/l
RT: 12.620 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

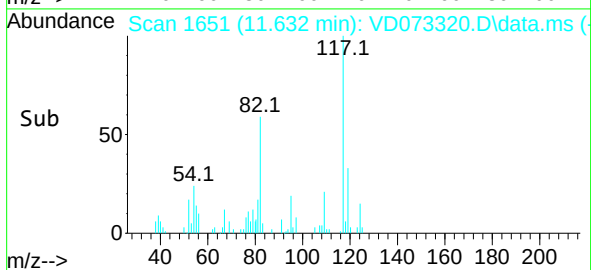
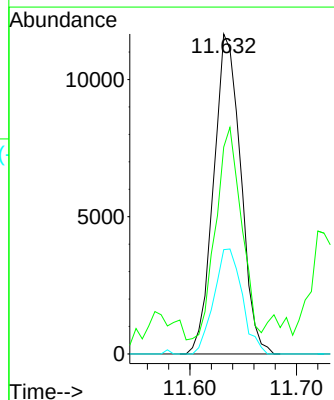
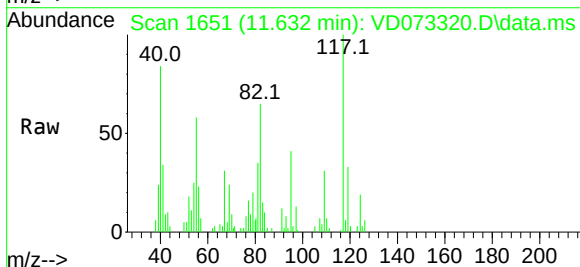
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

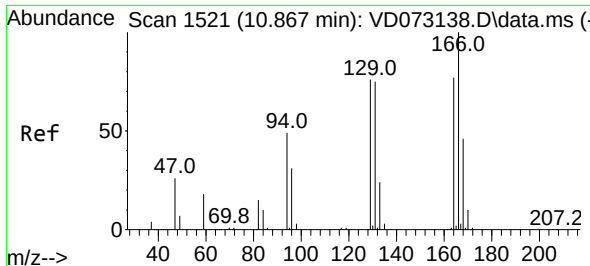
Tgt Ion: 95 Resp: 15507
Ion Ratio Lower Upper
95 100
174 49.6 0.0 152.8
176 43.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 117 Resp: 20602
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 32.6 26.6 40.0

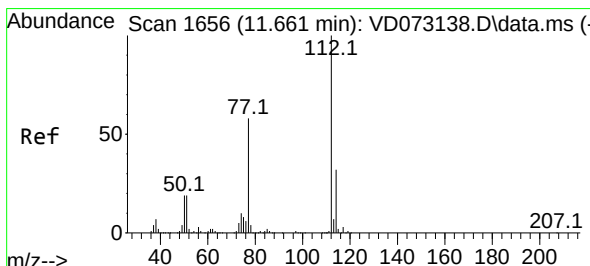
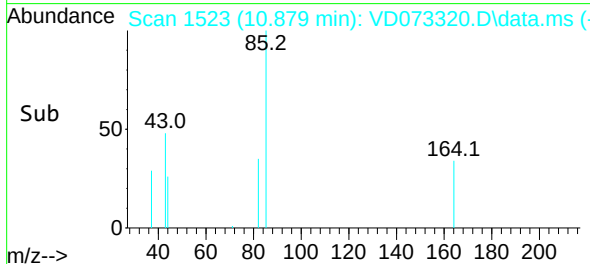
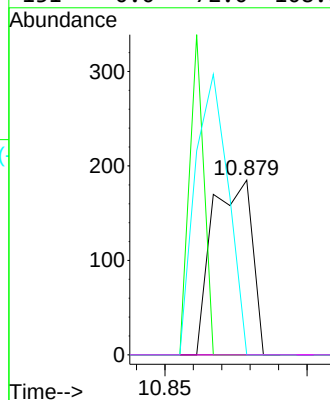
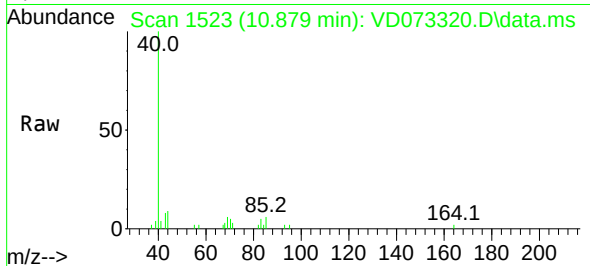




#64
Tetrachloroethene
Concen: 1.341 ug/l
RT: 10.879 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

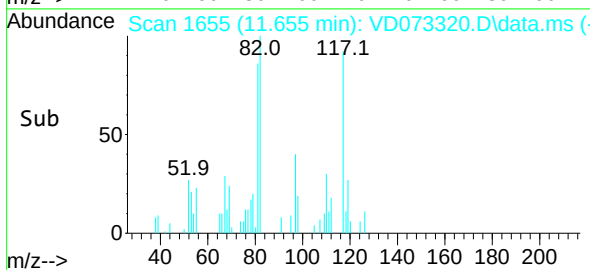
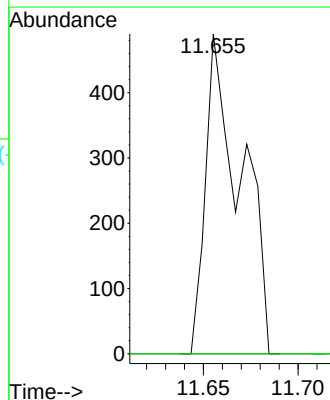
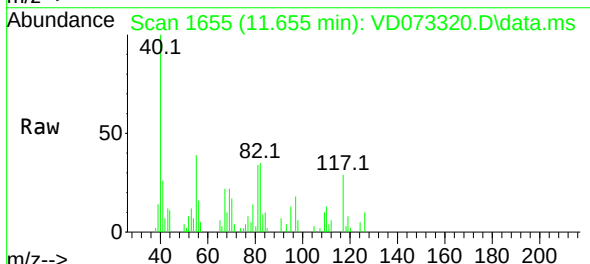
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

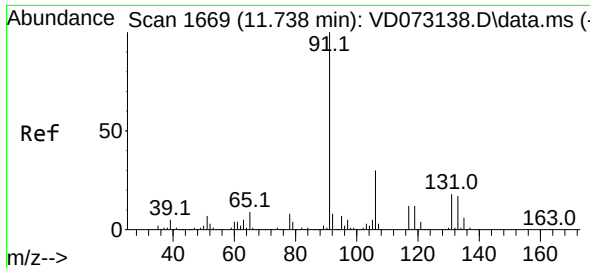
Tgt Ion:164 Resp: 181
Ion Ratio Lower Upper
164 100
166 0.0 98.5 147.7#
129 0.0 74.6 111.8#
131 0.0 72.0 108.0#



#65
Chlorobenzene
Concen: 1.500 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion:112 Resp: 634
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#

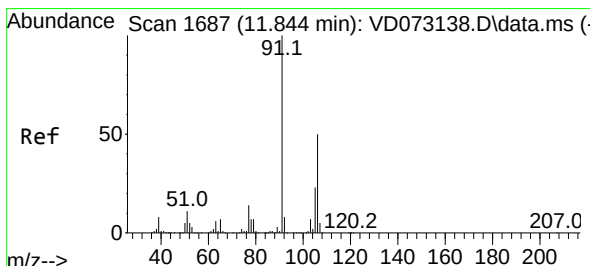
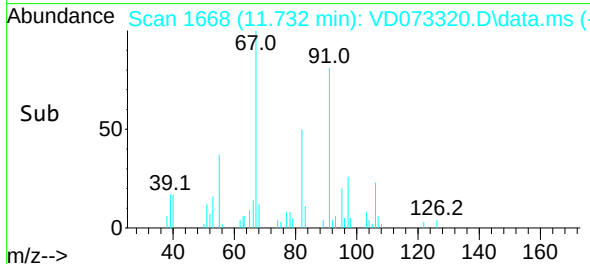
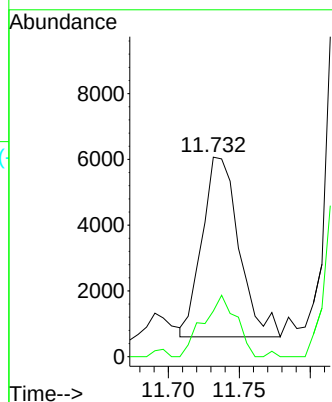
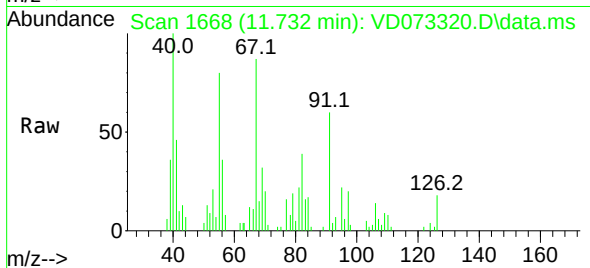




#67
Ethyl Benzene
Concen: 13.272 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

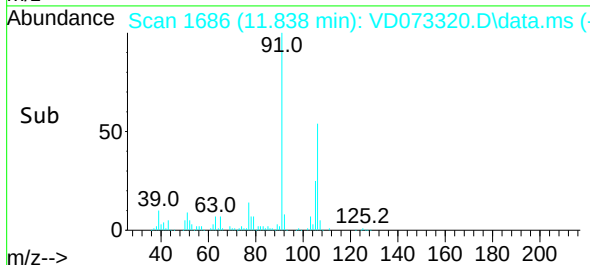
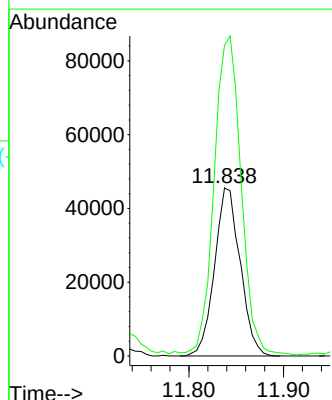
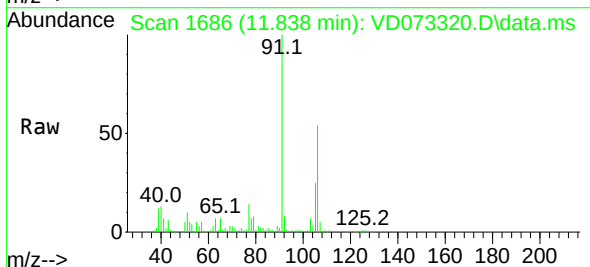
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

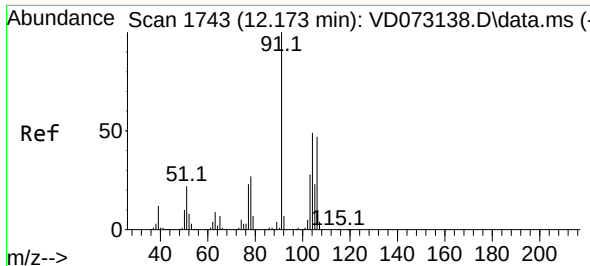
Tgt Ion: 91 Resp: 9847
Ion Ratio Lower Upper
91 100
106 25.4 24.2 36.4



#68
m/p-Xylenes
Concen: 297.124 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 106 Resp: 85647
Ion Ratio Lower Upper
106 100
91 198.8 163.7 245.5

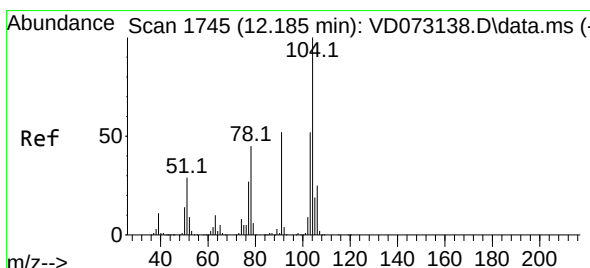
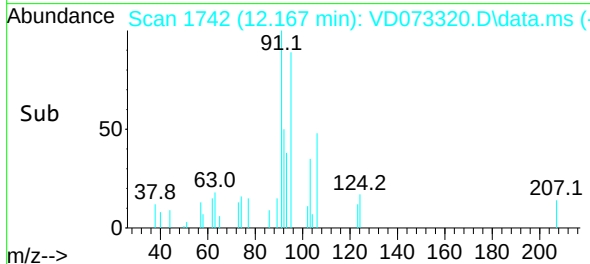
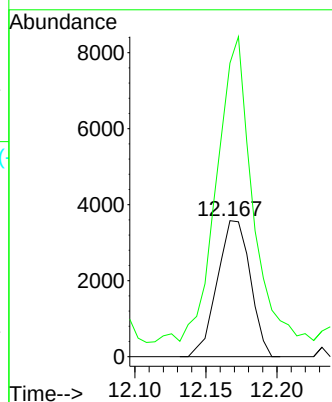
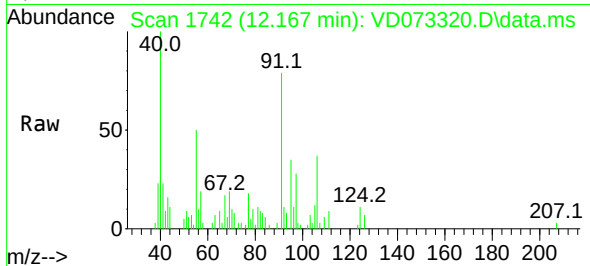




#69
o-Xylene
Concen: 21.858 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

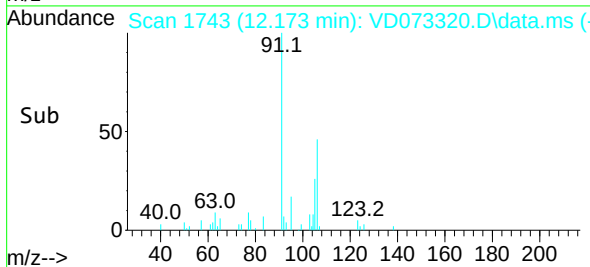
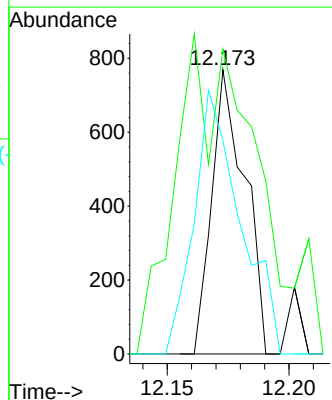
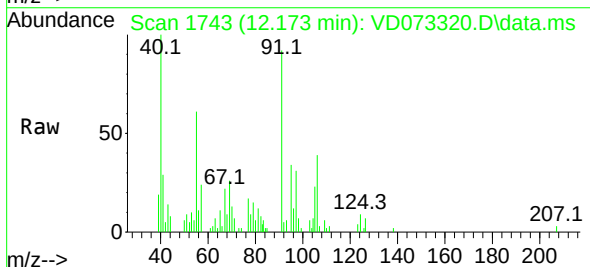
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

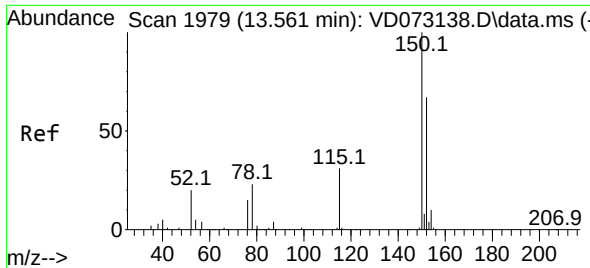
Tgt Ion:106 Resp: 5788
Ion Ratio Lower Upper
106 100
91 243.2 110.4 331.2



#70
Styrene
Concen: 1.589 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.012 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion:104 Resp: 724
Ion Ratio Lower Upper
104 100
78 119.6 41.8 62.8#
103 130.4 44.2 66.4#

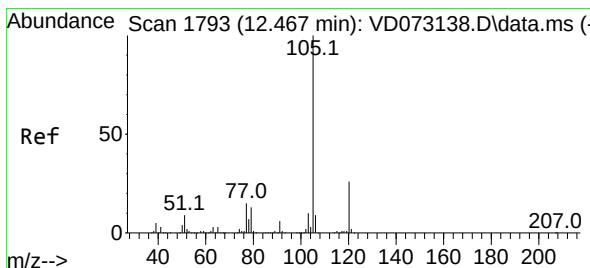
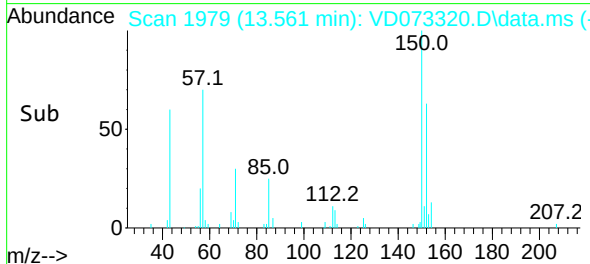
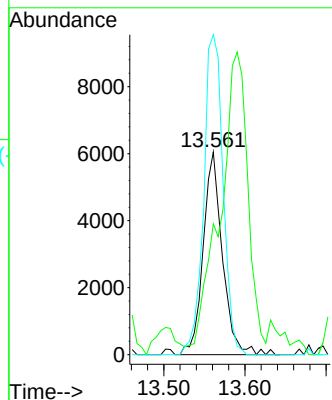
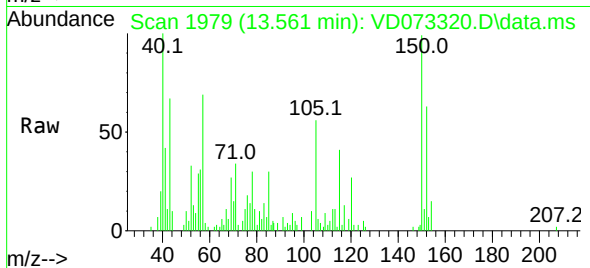




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

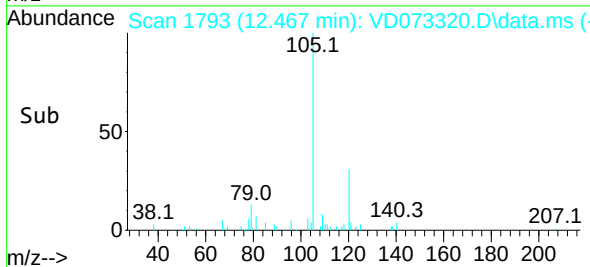
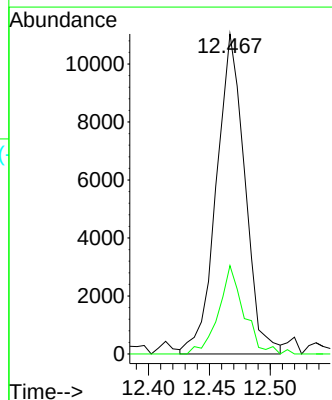
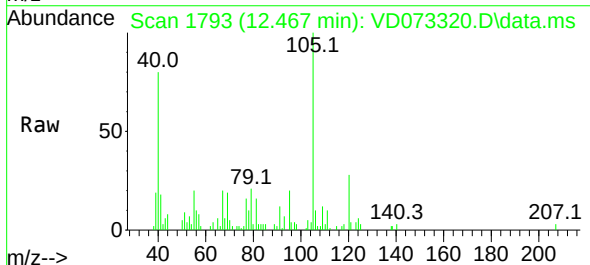
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

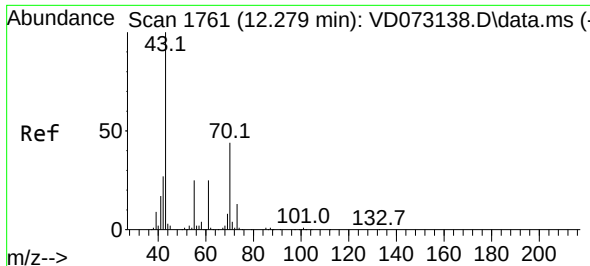
Tgt Ion:152 Resp: 9975
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 158.5 0.0 348.6



#73
Isopropylbenzene
Concen: 25.220 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion:105 Resp: 17934
Ion Ratio Lower Upper
105 100
120 24.7 13.0 38.9

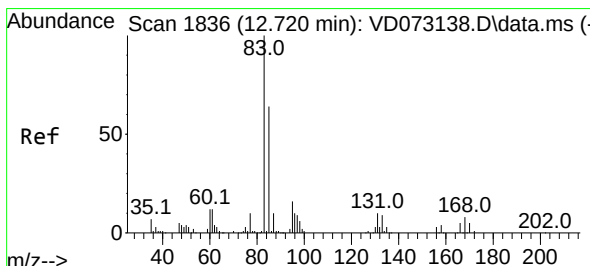
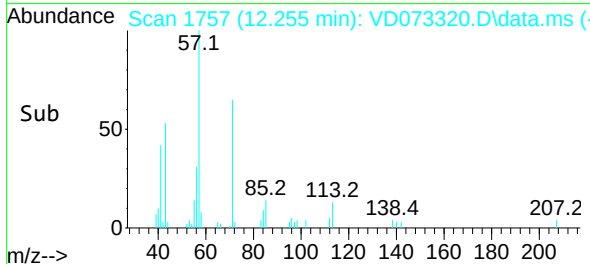
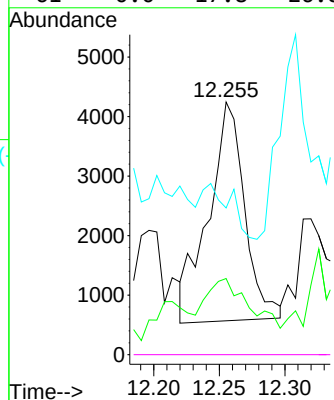
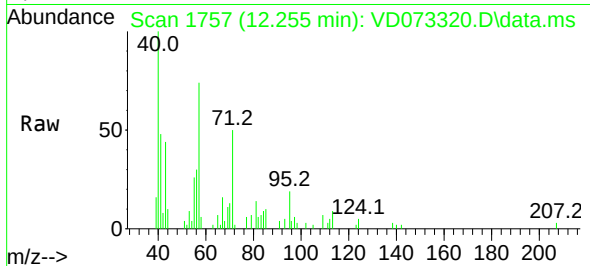




#74
N-amy1 acetate
Concen: 45.549 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.024 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

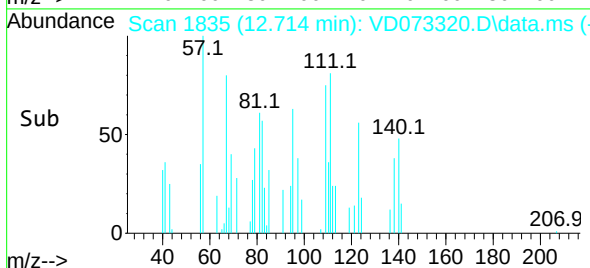
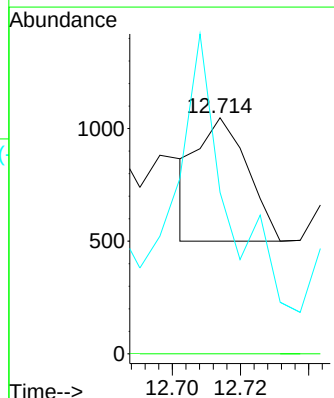
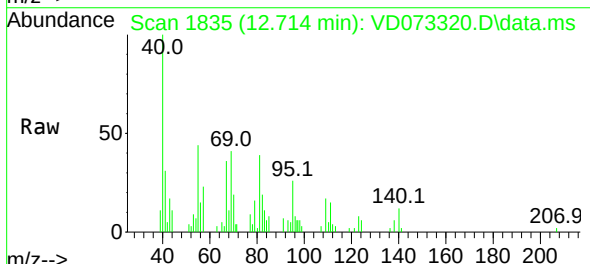
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

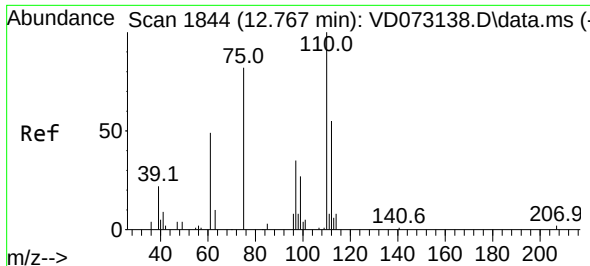
Tgt Ion:	43	Resp:	7066
Ion	Ratio	Lower	Upper
43	100		
70	24.8	31.3	46.9#
55	0.0	20.0	30.0#
61	0.0	17.8	26.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 4.201 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion:	83	Resp:	551
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	270.1	32.6	98.0#

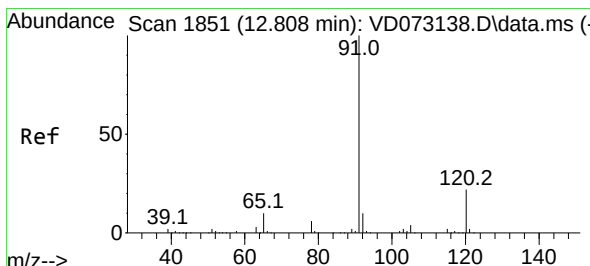
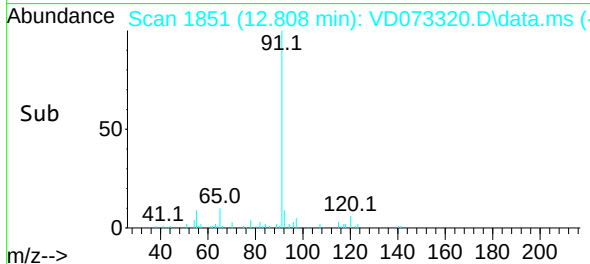
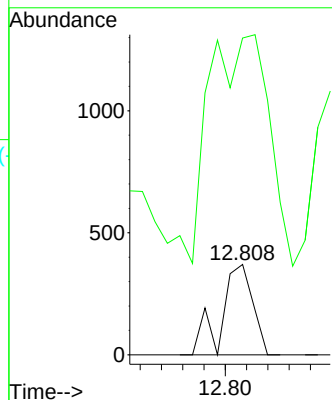
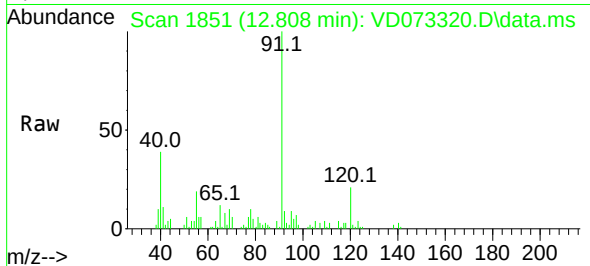




#76
1,2,3-Trichloropropane
Concen: 3.883 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.041 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

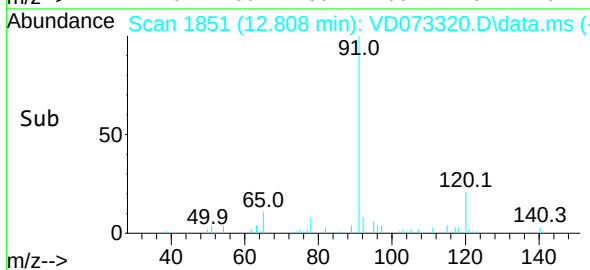
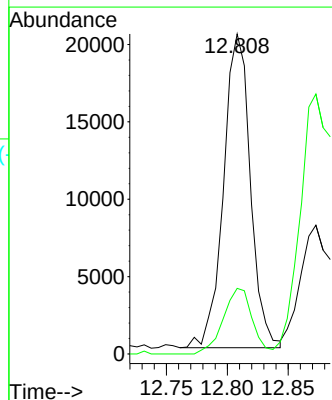
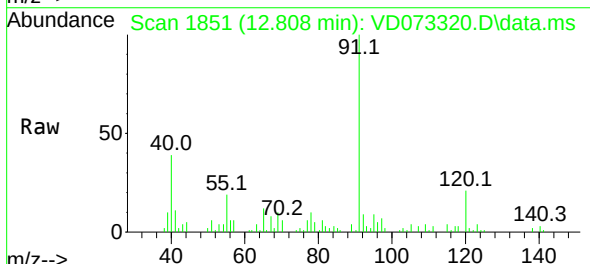
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

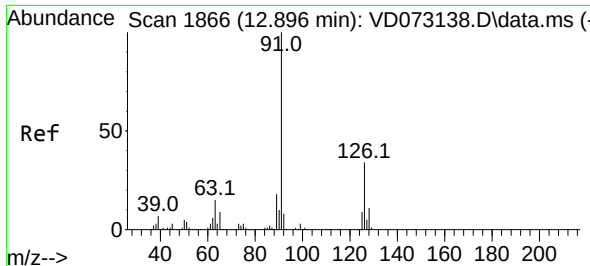
Tgt Ion: 75 Resp: 380
Ion Ratio Lower Upper
75 100
77 495.0 0.0 0.0#



#78
n-propylbenzene
Concen: 34.838 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 91 Resp: 31101
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9

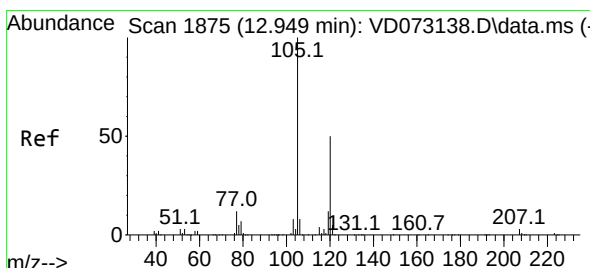
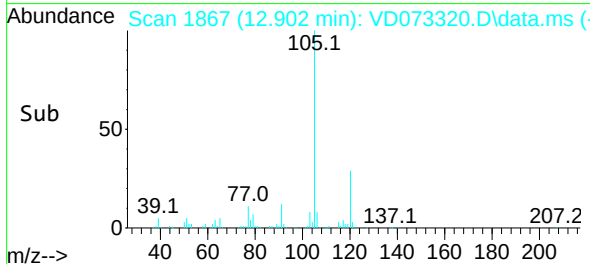
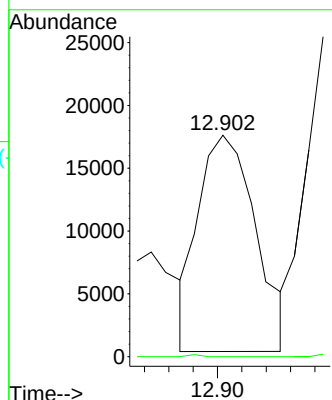
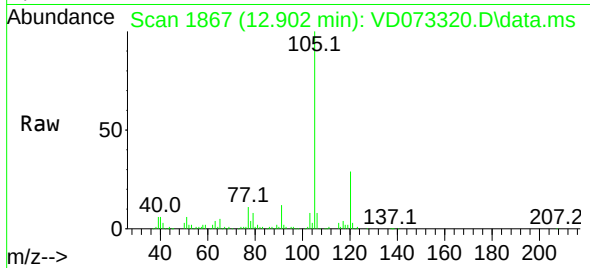




#79
2-Chlorotoluene
Concen: 54.705 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

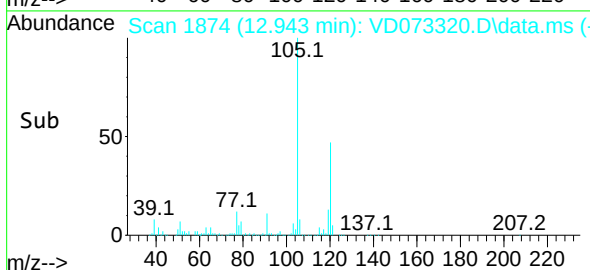
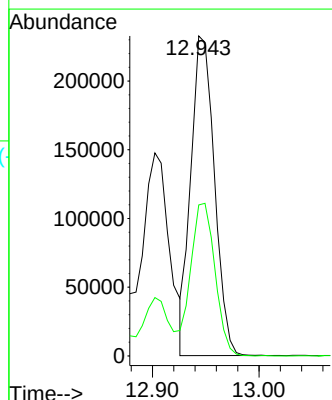
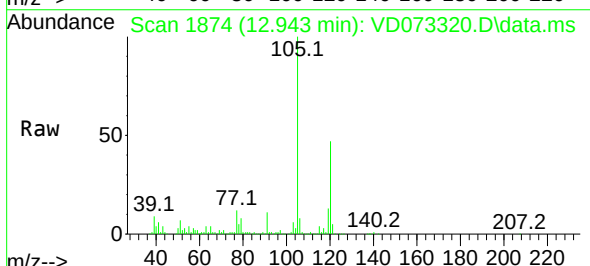
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

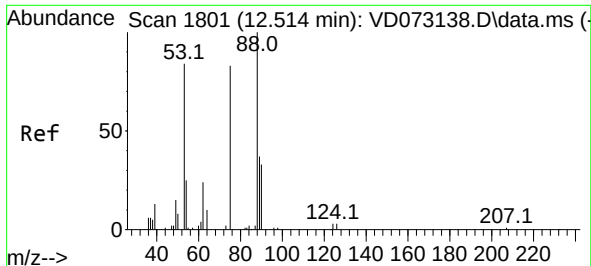
Tgt Ion: 91 Resp: 28198
Ion Ratio Lower Upper
91 100
126 0.2 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 591.961 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 105 Resp: 356588
Ion Ratio Lower Upper
105 100
120 50.6 24.3 72.8

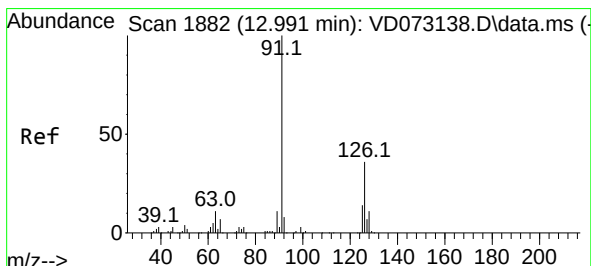
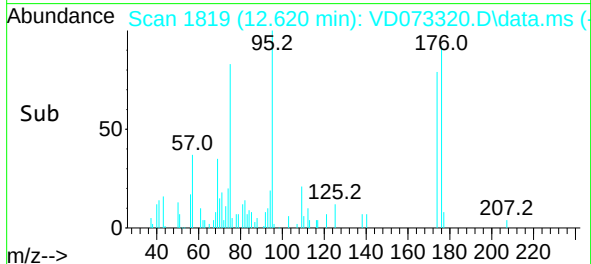
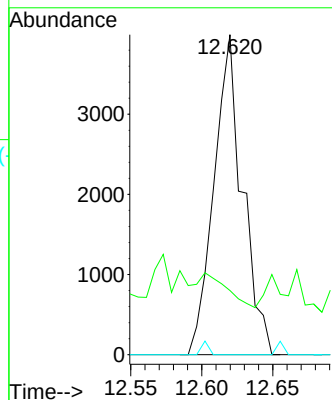
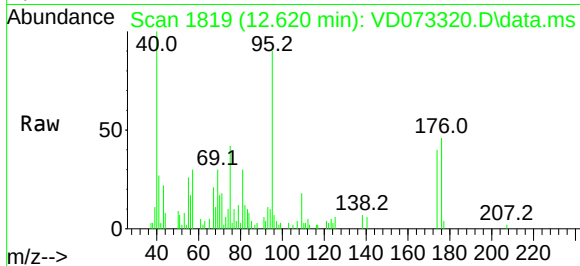




#81
trans-1,4-Dichloro-2-butene
Concen: 136.430 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

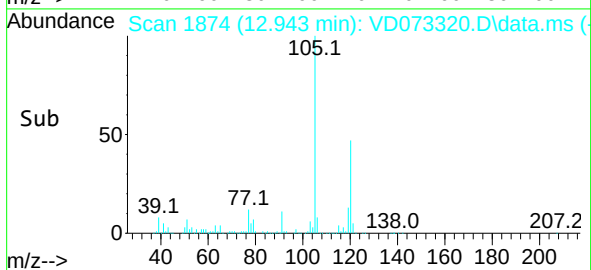
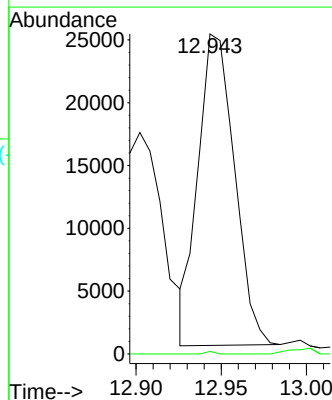
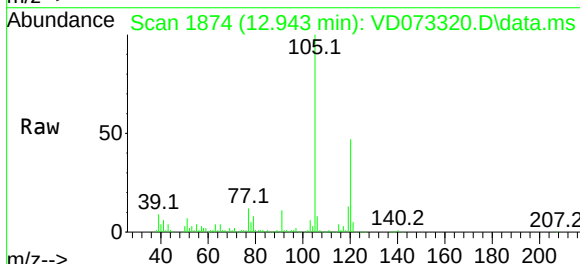
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

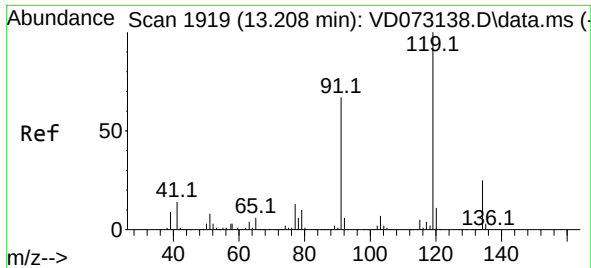
Tgt Ion: 75 Resp: 5562
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 1.1 33.9 50.9#



#82
4-Chlorotoluene
Concen: 68.214 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.048 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 91 Resp: 36855
Ion Ratio Lower Upper
91 100
126 0.2 16.5 49.5#

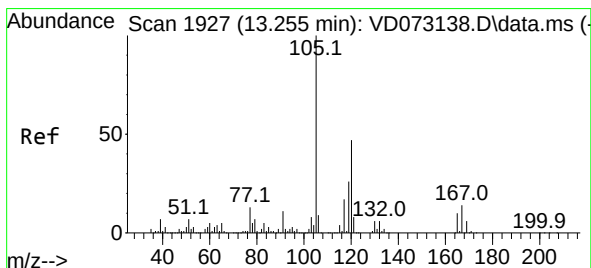
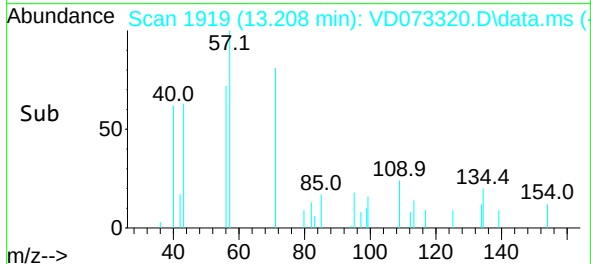
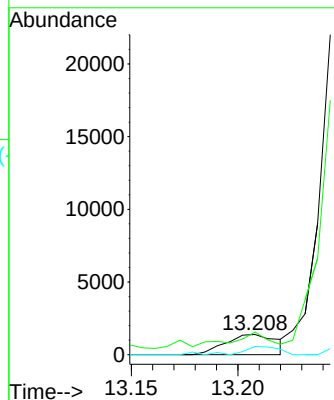
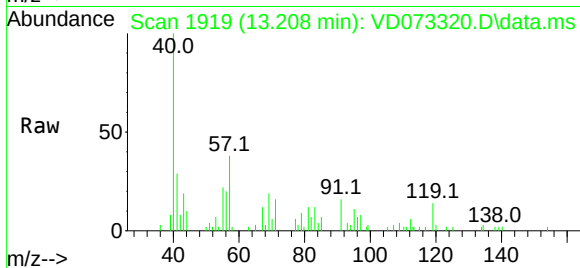




#83
tert-Butylbenzene
Concen: 4.578 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

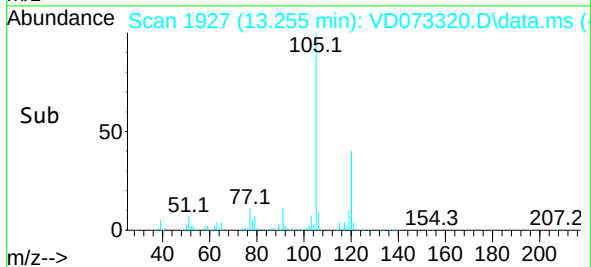
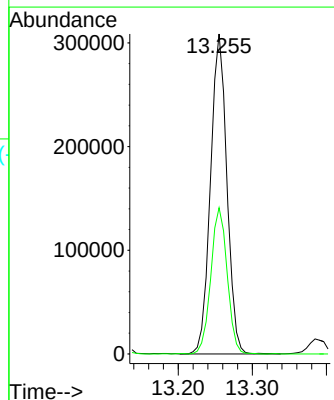
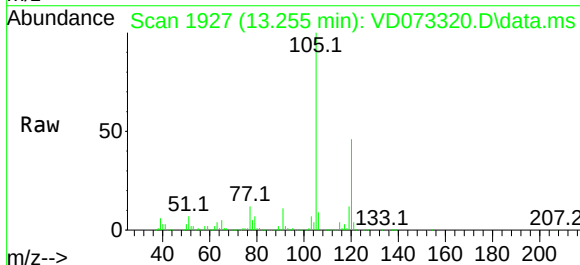
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

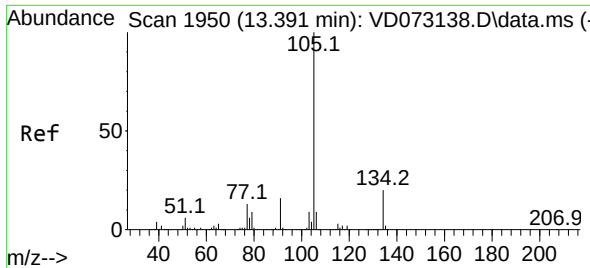
Tgt Ion:119 Resp: 2324
Ion Ratio Lower Upper
119 100
91 0.0 34.8 104.5#
134 28.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 795.647 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion:105 Resp: 473484
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8

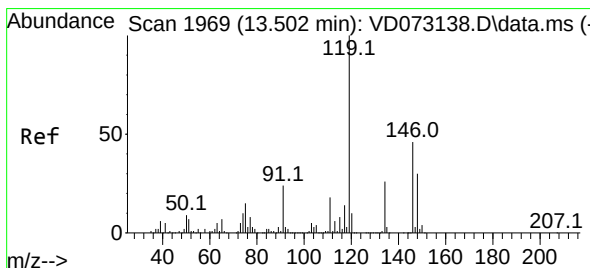
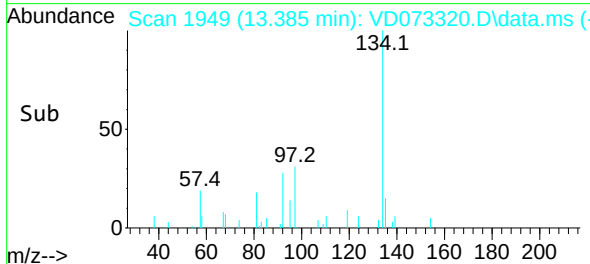
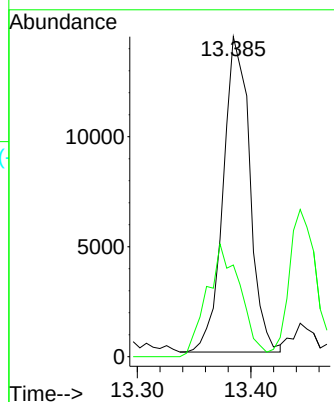
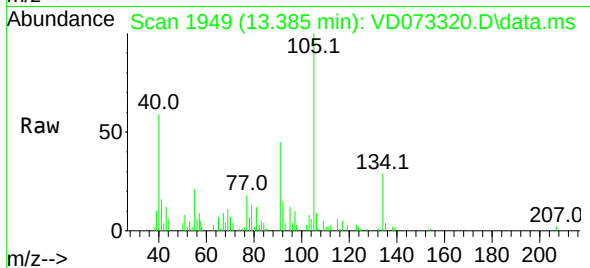




#85
 sec-Butylbenzene
 Concen: 30.100 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073320.D
 Acq: 24 May 2022 13:00

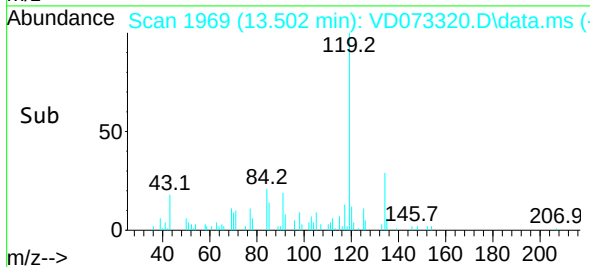
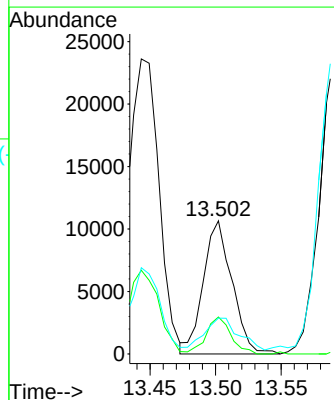
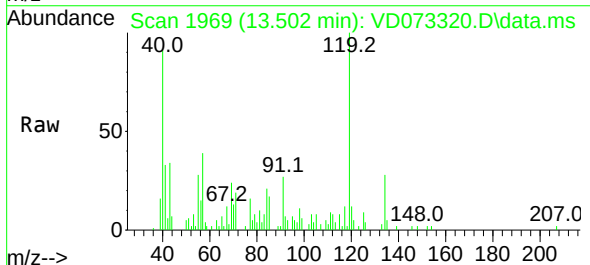
Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-4-SP-1

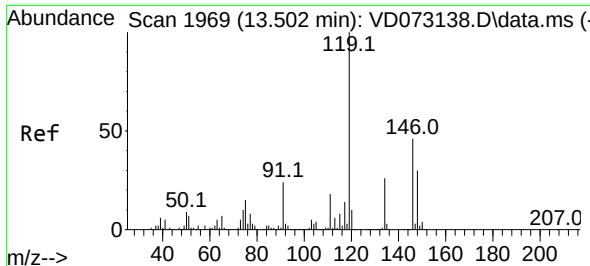
Tgt Ion:105 Resp: 23333
 Ion Ratio Lower Upper
 105 100
 134 44.6 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 25.713 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073320.D
 Acq: 24 May 2022 13:00

Tgt Ion:119 Resp: 16248
 Ion Ratio Lower Upper
 119 100
 134 23.8 12.9 38.6
 91 28.1 12.1 36.3

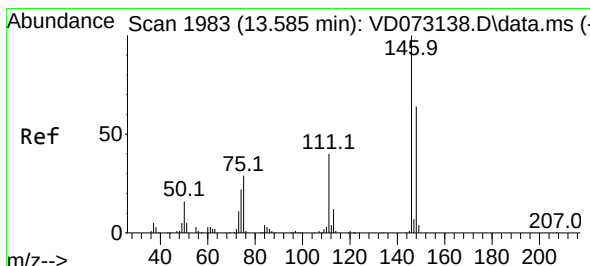
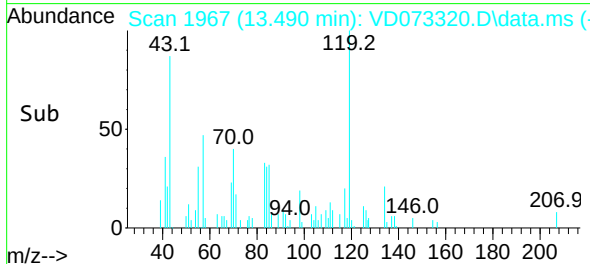
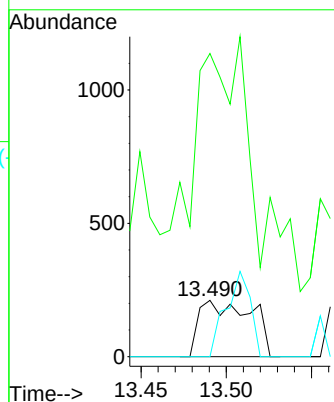
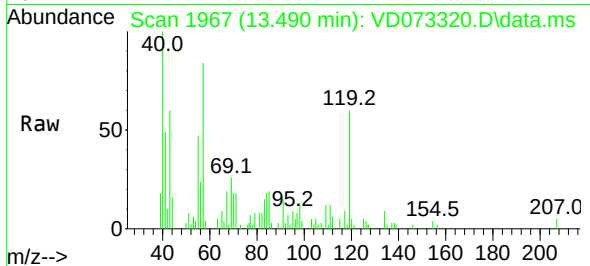




#87
 1,3-Dichlorobenzene
 Concen: 1.316 ug/l
 RT: 13.490 min Scan# 1967
 Delta R.T. -0.012 min
 Lab File: VD073320.D
 Acq: 24 May 2022 13:00

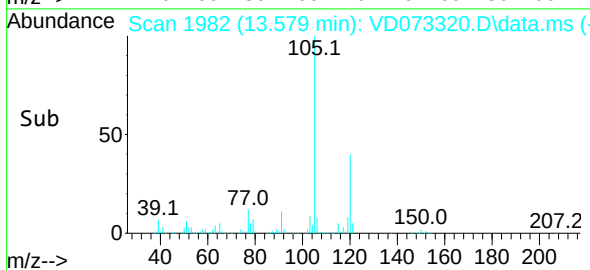
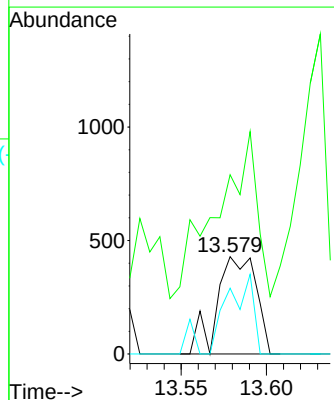
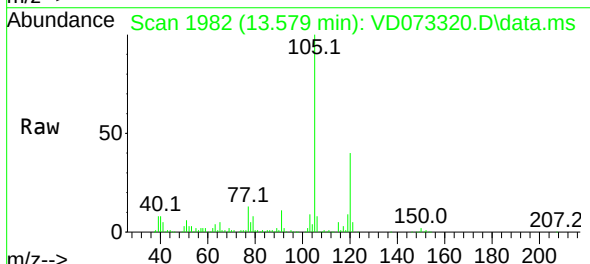
Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-4-SP-1

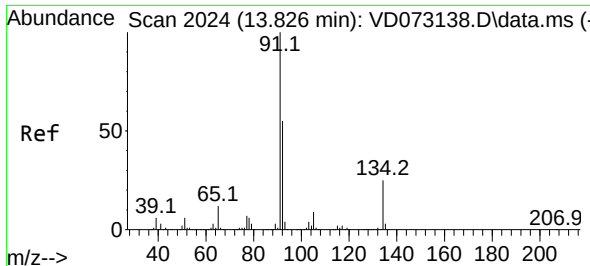
Tgt Ion:146 Resp: 444
 Ion Ratio Lower Upper
 146 100
 111 427.3 20.4 61.3#
 148 71.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 2.014 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VD073320.D
 Acq: 24 May 2022 13:00

Tgt Ion:146 Resp: 686
 Ion Ratio Lower Upper
 146 100
 111 176.1 20.3 60.9#
 148 52.9 31.7 95.1

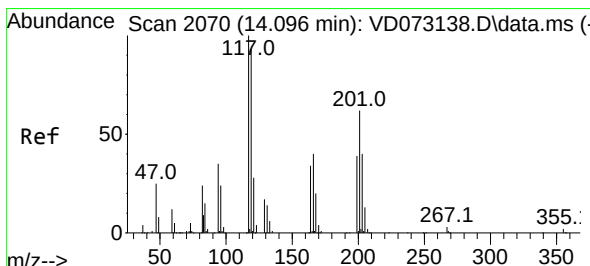
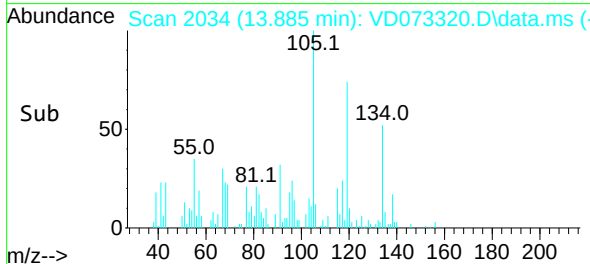
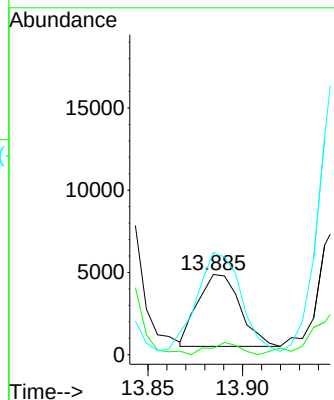
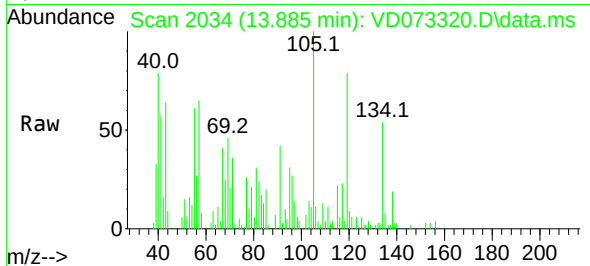




#89
n-Butylbenzene
Concen: 11.292 ug/l
RT: 13.885 min Scan# 2024
Delta R.T. 0.059 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

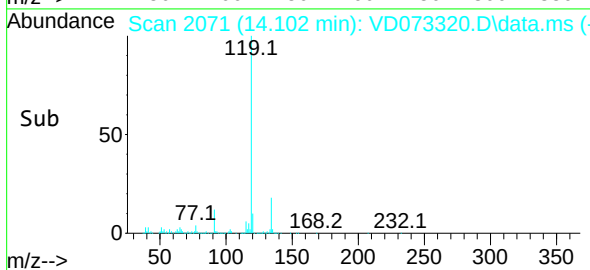
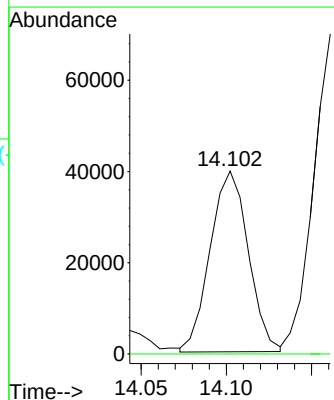
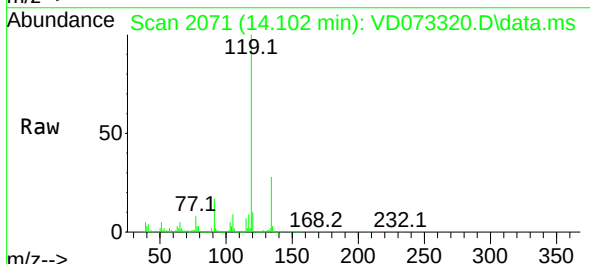
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

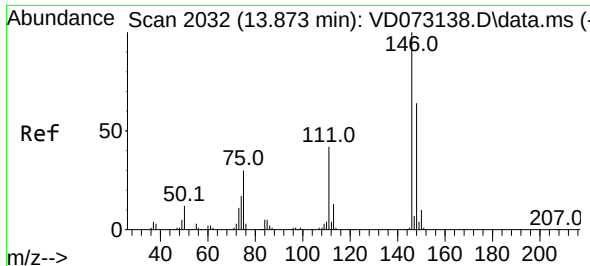
Tgt Ion: 91 Resp: 6799
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.8#
134 143.1 12.3 36.9#



#90
Hexachloroethane
Concen: 472.184 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 117 Resp: 61739
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#

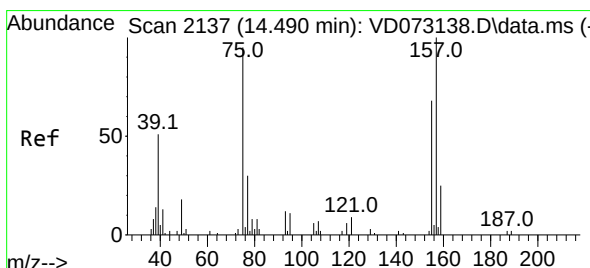
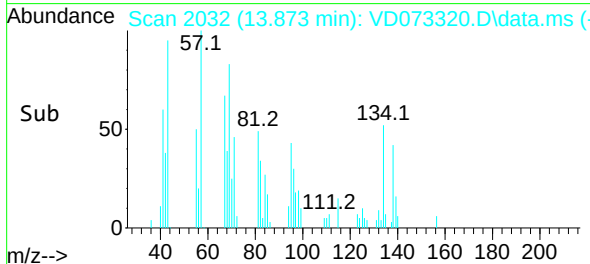
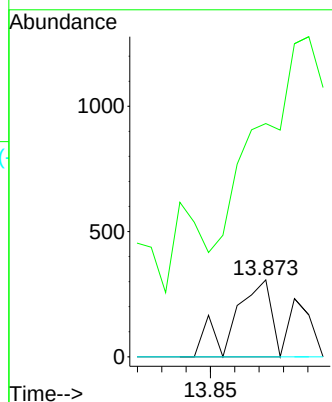
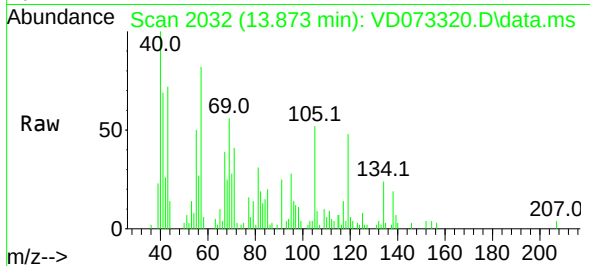




#91
1,2-Dichlorobenzene
Concen: 1.120 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

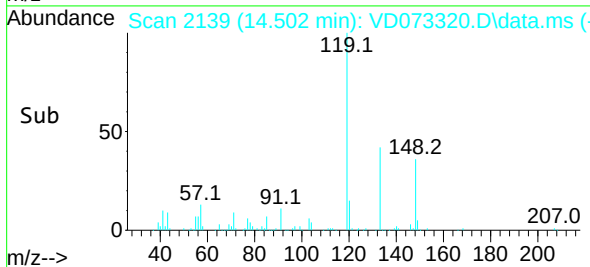
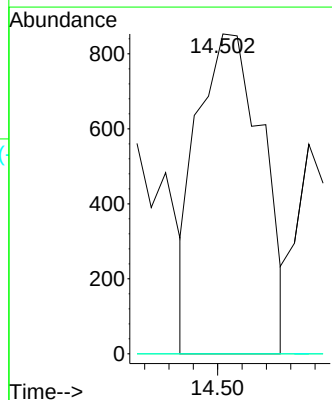
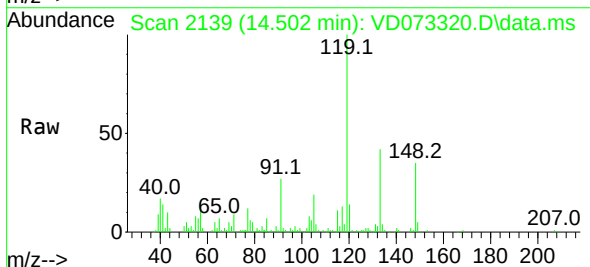
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

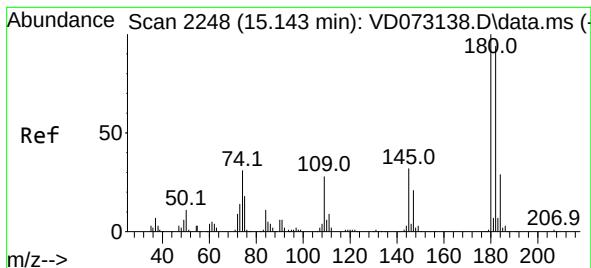
Tgt Ion:146 Resp: 327
Ion Ratio Lower Upper
146 100
111 0.0 21.1 63.3#
148 0.0 31.7 95.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 78.618 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.012 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 75 Resp: 1579
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#





#93

1,2,4-Trichlorobenzene

Concen: 7.795 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073320.D

Acq: 24 May 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

BIN-4-SP-1

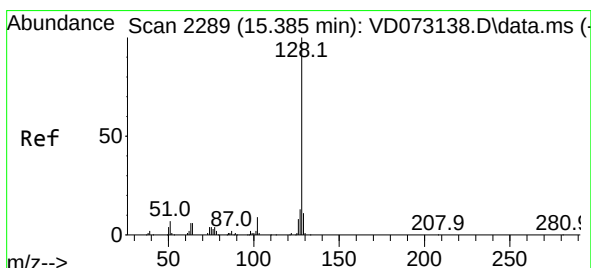
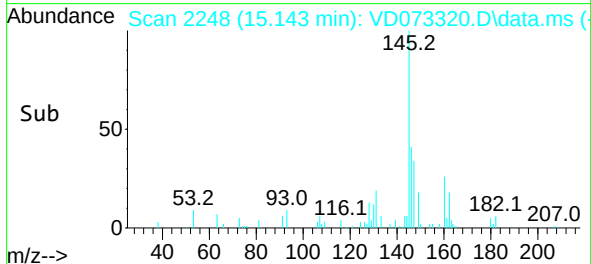
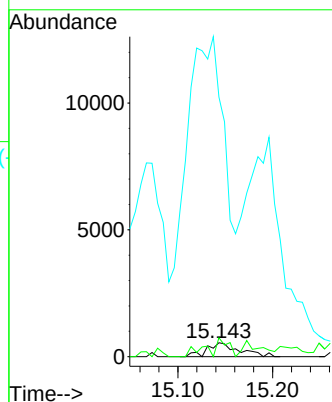
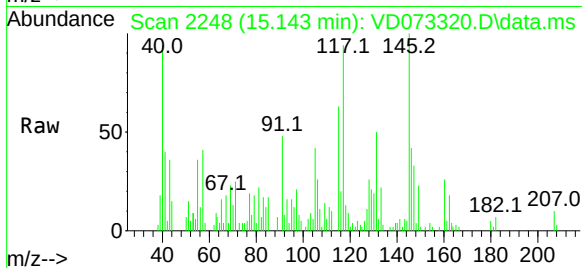
Tgt Ion:180 Resp: 1292

Ion Ratio Lower Upper

180 100

182 48.0 47.3 142.0

145 2858.2 16.2 48.5#



#95

Naphthalene

Concen: 604.134 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. -0.006 min

Lab File: VD073320.D

Acq: 24 May 2022 13:00

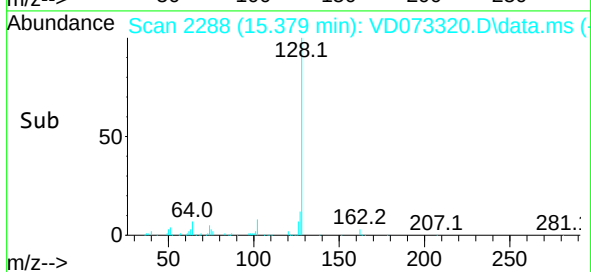
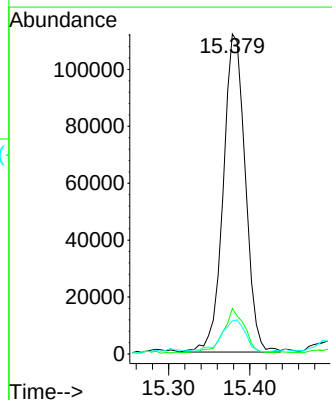
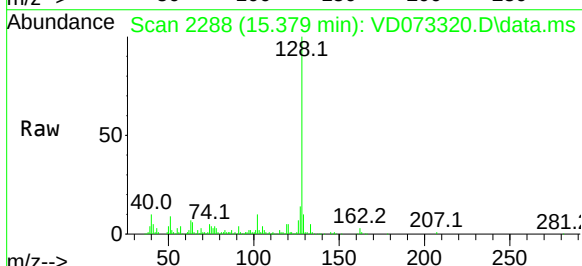
Tgt Ion:128 Resp: 210993

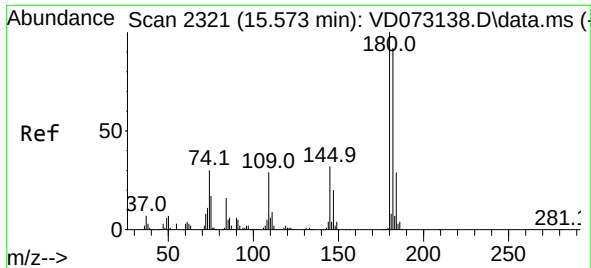
Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

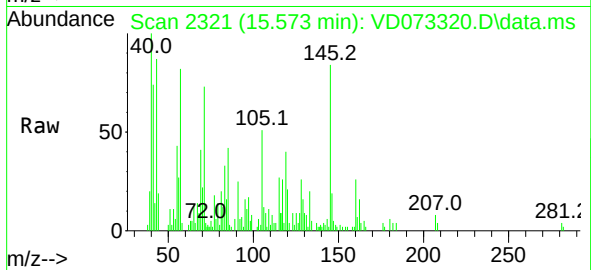
129 10.7 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 7.786 ug/l
 RT: 15.573 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD073320.D
 Acq: 24 May 2022 13:00

Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-4-SP-1



Tgt Ion:180 Resp: 1144
 Ion Ratio Lower Upper
 180 100
 182 118.4 47.6 142.9
 145 1299.6 17.1 51.3#

