

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073417.D
 Acq On : 27 May 2022 18:06
 Operator : VA/SY
 Sample : N3075-01
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:46:23 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	406424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	751659	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.638	117	708382	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	433714	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	229100	51.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.020%	
35) Dibromofluoromethane	7.908	113	140071	28.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 56.480%	
50) Toluene-d8	10.338	98	3803795	208.044	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 416.080%#	
62) 4-Bromofluorobenzene	12.614	95	1359406	211.862	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 423.720%#	

Target Compounds			Qvalue			
3) Chloromethane	2.168	50	5639	1.228	ug/l #	66
5) Bromomethane	2.773	94	1594	Below Cal	#	36
13) Acrolein	3.873	56	189715	722.953	ug/l #	1
14) Allyl chloride	4.797	41	420340	63.756	ug/l #	63
15) Acrylonitrile	5.485	53	571078	612.109	ug/l #	40
16) Acetone	4.132	43	912263	1172.598	ug/l #	59
17) Carbon Disulfide	4.403	76	26617	1.966	ug/l	97
18) Methyl Acetate	4.791	43	325388	150.410	ug/l #	56
20) Methylene Chloride	4.950	84	29987	2.265	ug/l #	1
23) Vinyl Acetate	6.338	43	300899	40.816	ug/l #	81
24) 1,1-Dichloroethane	6.338	63	90994	10.257	ug/l #	82
25) 2-Butanone	7.203	43	394885	346.932	ug/l #	57
26) 2,2-Dichloropropane	7.026	77	146193	19.324	ug/l #	54
28) Bromochloromethane	7.567	49	3245	1.062	ug/l #	19
29) Tetrahydrofuran	7.567	42	76065	103.350	ug/l #	38
30) Chloroform	7.667	83	4061419	438.523	ug/l #	17
31) Cyclohexane	7.979	56	21477767	2736.338	ug/l	99
37) Ethyl Acetate	7.203	43	394885	134.017	ug/l #	72
38) Carbon Tetrachloride	7.979	117	42122	5.570	ug/l #	15
39) Methylcyclohexane	9.491	83	517663	62.268	ug/l #	65
40) Benzene	8.344	78	1193388	55.509	ug/l	100
41) Methacrylonitrile	7.561	41	841012	489.891	ug/l #	56
42) 1,2-Dichloroethane	8.455	62	44965	7.517	ug/l #	1
43) Isopropyl Acetate	8.450	43	4094157	751.737	ug/l #	54
45) 1,2-Dichloropropane	9.361	63	660663	122.023	ug/l #	1
46) Dibromomethane	9.485	93	5413	1.820	ug/l #	1
47) Bromodichloromethane	9.644	83	5310935	698.023	ug/l #	25
48) Methyl methacrylate	9.538	41	6942831	2533.806	ug/l #	55
49) 1,4-Dioxane	9.408	88	163	5.308	ug/l #	1
51) 4-Methyl-2-Pentanone	10.273	43	985790	348.498	ug/l #	59
52) Toluene	10.397	92	394476	29.036	ug/l	90
55) 1,1,2-Trichloroethane	10.773	97	11278802	2804.912	ug/l #	20
56) Ethyl methacrylate	10.685	69	4769945	1066.908	ug/l #	33
58) 2-Chloroethyl Vinyl ether	9.926	63	80794	56.368	ug/l #	48
59) 2-Hexanone	10.955	43	12696422	6808.066	ug/l #	32
60) Dibromochloromethane	11.049	129	36850	7.349	ug/l #	10

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

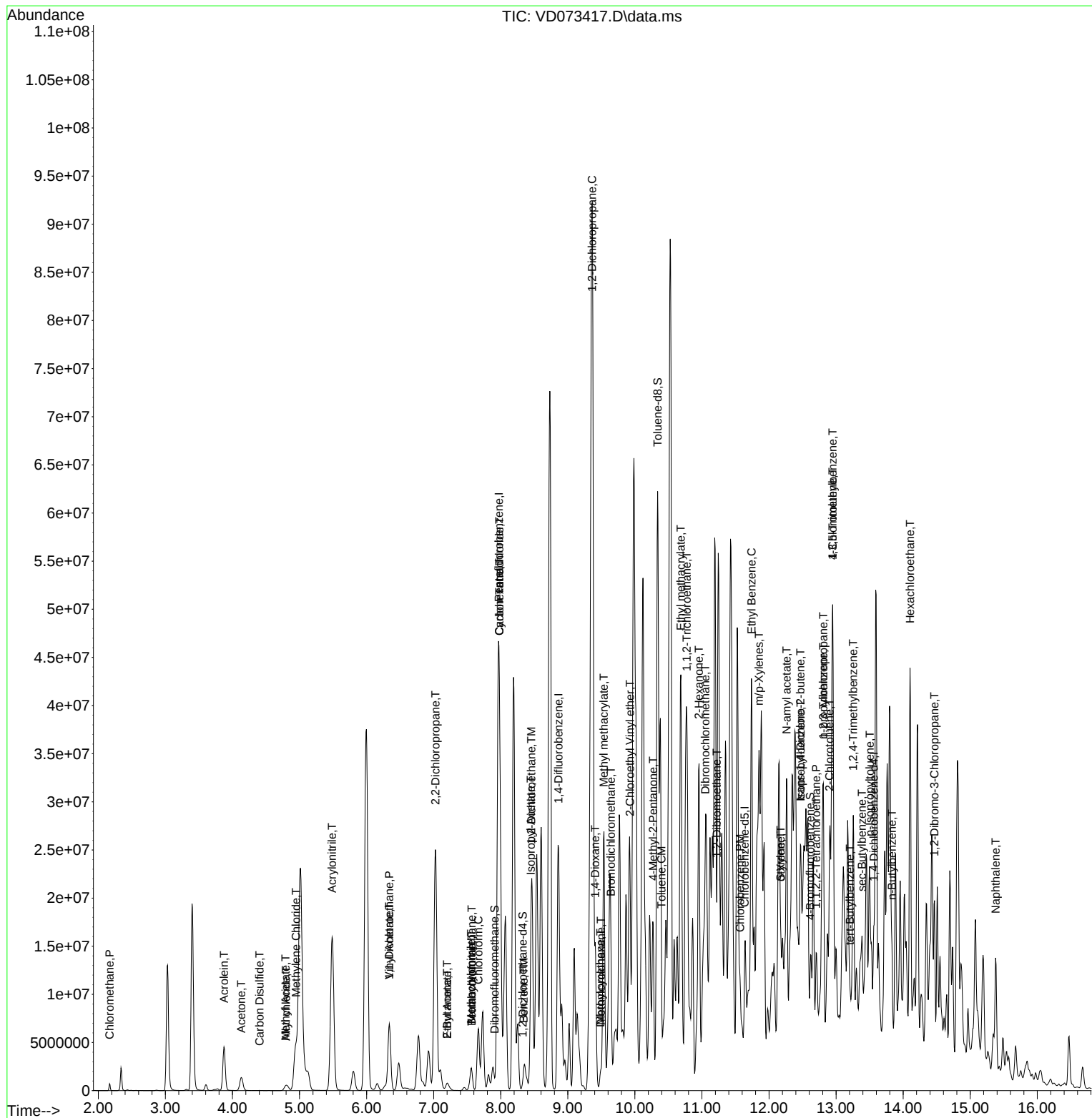
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
61) 1,2-Dibromoethane	11.220	107	26711	6.952	ug/l	#	1
65) Chlorobenzene	11.567	112	135681	9.337	ug/l	#	43
67) Ethyl Benzene	11.738	91	15550698	609.569	ug/l	#	85
68) m/p-Xylenes	11.849	106	3067570	309.501	ug/l		99
69) o-Xylene	12.173	106	867103	95.233	ug/l		89
70) Styrene	12.173	104	48926	3.123	ug/l	#	1
73) Isopropylbenzene	12.473	105	9707079	313.950	ug/l		97
74) N-amyl acetate	12.261	43	6124892	908.052	ug/l	#	53
75) 1,1,2,2-Tetrachloroethane	12.702	83	350696	61.499	ug/l	#	25
76) 1,2,3-Trichloropropane	12.808	75	122856	28.870	ug/l	#	100
78) n-propylbenzene	12.808	91	16117874	415.231	ug/l		88
79) 2-Chlorotoluene	12.902	91	1887256	84.207	ug/l	#	42
80) 1,3,5-Trimethylbenzene	12.949	105	13434238	512.919	ug/l		93
81) trans-1,4-Dichloro-2-b...	12.467	75	118306	66.741	ug/l	#	1
82) 4-Chlorotoluene	12.949	91	1699539	72.347	ug/l	#	48
83) tert-Butylbenzene	13.208	119	438365	19.859	ug/l		88
84) 1,2,4-Trimethylbenzene	13.255	105	11586913	447.809	ug/l		93
85) sec-Butylbenzene	13.385	105	4435997	131.611	ug/l	#	62
86) p-Isopropyltoluene	13.502	119	4681323	170.382	ug/l		97
89) n-Butylbenzene	13.832	91	4667928	178.308	ug/l	#	69
90) Hexachloroethane	14.102	117	2133123	375.213	ug/l	#	17
92) 1,2-Dibromo-3-Chloropr...	14.467	75	50819	58.194	ug/l	#	7
95) Naphthalene	15.379	128	9715538	639.587	ug/l		98

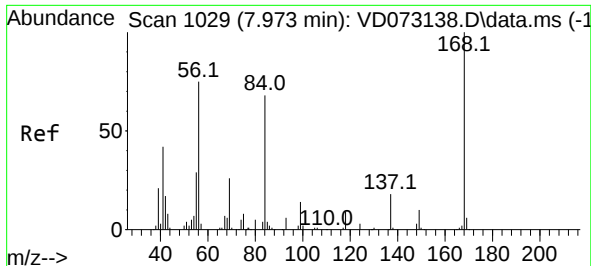
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

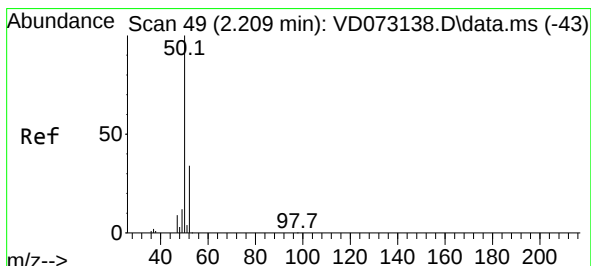
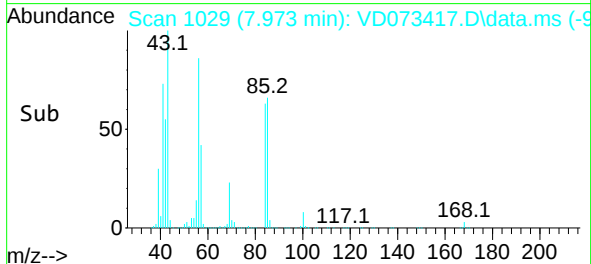
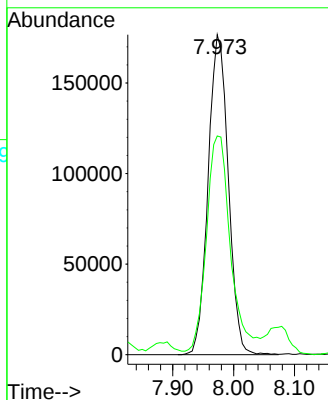
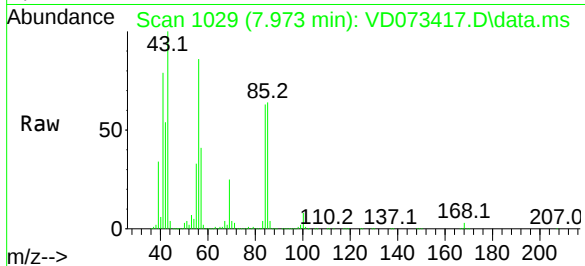




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

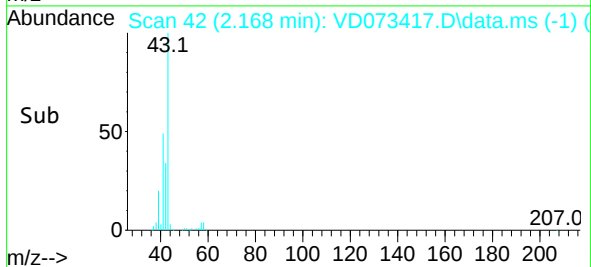
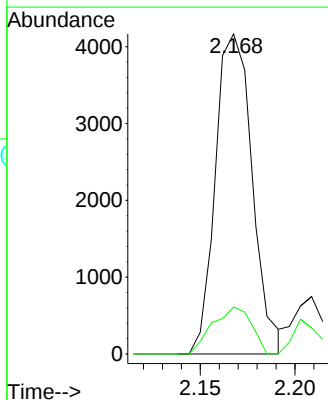
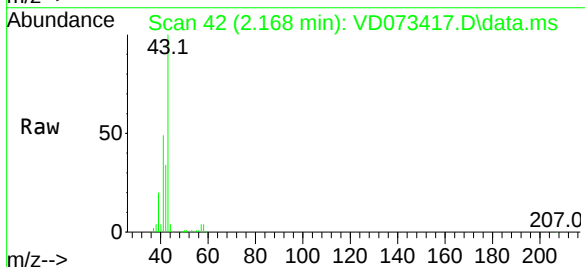
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ClientSampleId :

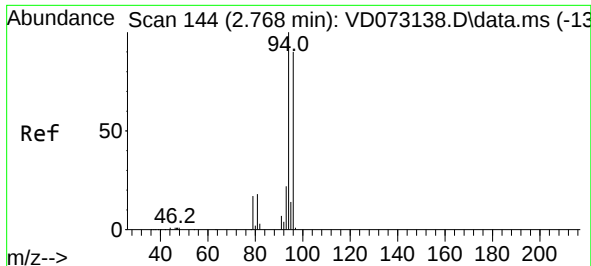
Tgt Ion:168 Resp: 406424
Ion Ratio Lower Upper
168 100
99 66.9 49.8 74.6



#3
Chloromethane
Concen: 1.228 ug/l
RT: 2.168 min Scan# 42
Delta R.T. -0.041 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

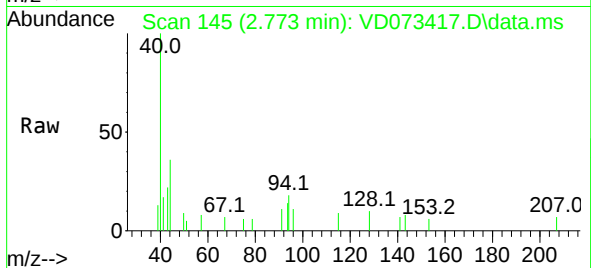
Tgt Ion: 50 Resp: 5639
Ion Ratio Lower Upper
50 100
52 14.7 27.4 41.0#



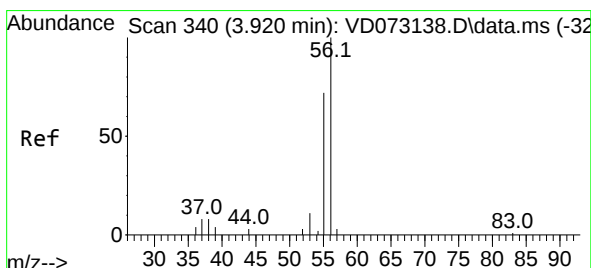
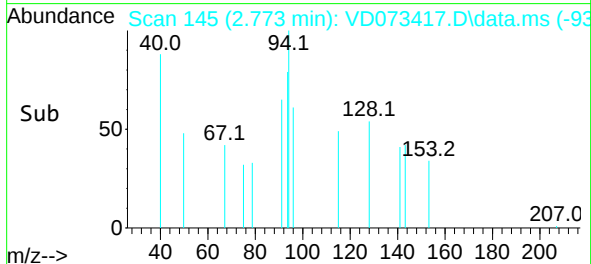
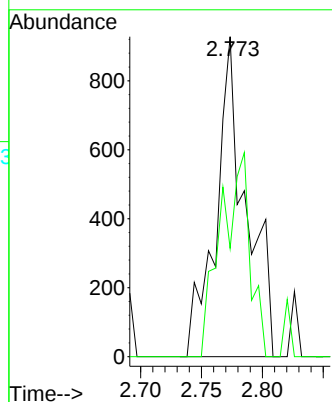


#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :

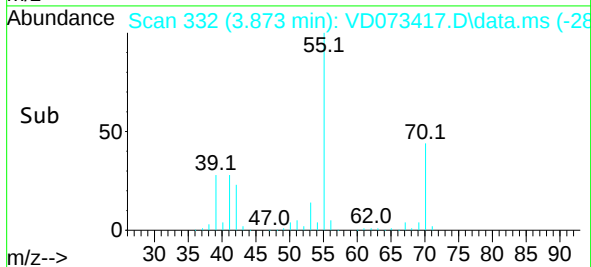
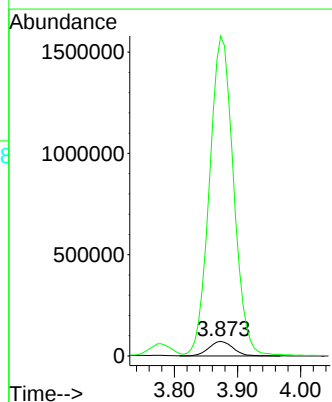
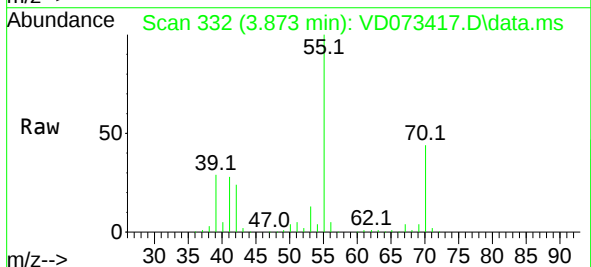


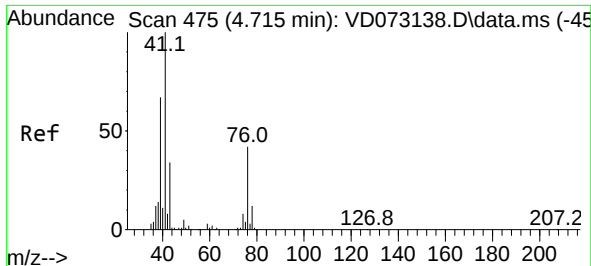
Tgt Ion: 94 Resp: 1594
Ion Ratio Lower Upper
94 100
96 33.8 77.6 116.4#



#13
Acrolein
Concen: 722.953 ug/l
RT: 3.873 min Scan# 332
Delta R.T. -0.047 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

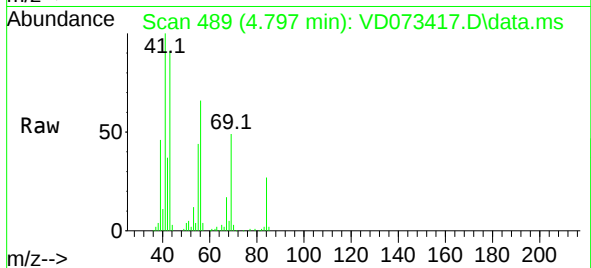
Tgt Ion: 56 Resp: 189715
Ion Ratio Lower Upper
56 100
55 2202.5 57.1 85.7#



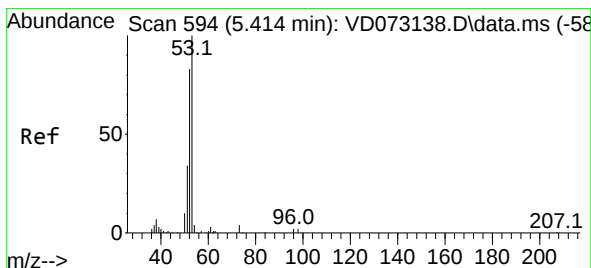
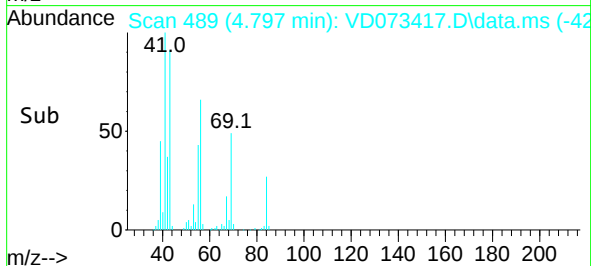
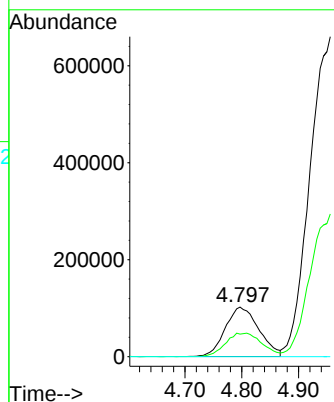


#14
 Allyl chloride
 Concen: 63.756 ug/l
 RT: 4.797 min Scan# 414
 Delta R.T. 0.082 min
 Lab File: VD073417.D
 Acq: 27 May 2022 18:06

Instrument :
 MSVOA_D
 ClientSampleId :

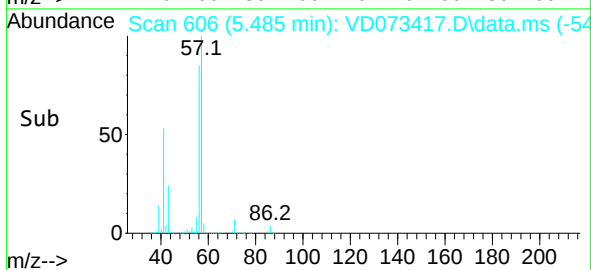
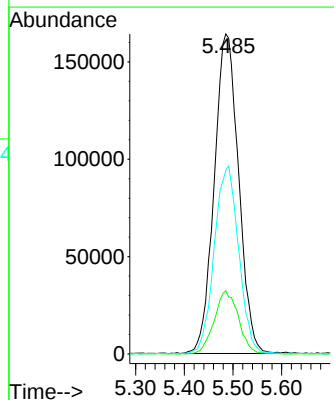
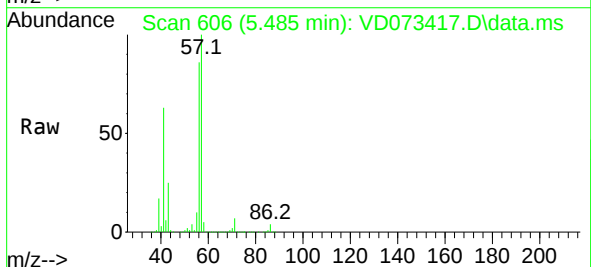


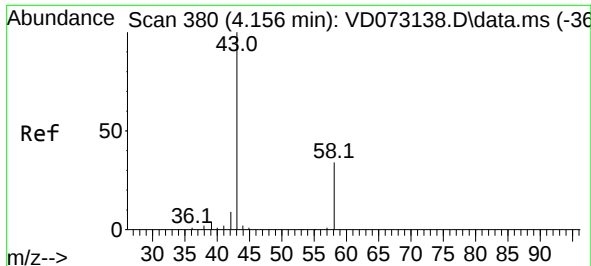
Tgt Ion: 41 Resp: 420340
 Ion Ratio Lower Upper
 41 100
 39 50.9 59.3 88.9#
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 612.109 ug/l
 RT: 5.485 min Scan# 606
 Delta R.T. 0.071 min
 Lab File: VD073417.D
 Acq: 27 May 2022 18:06

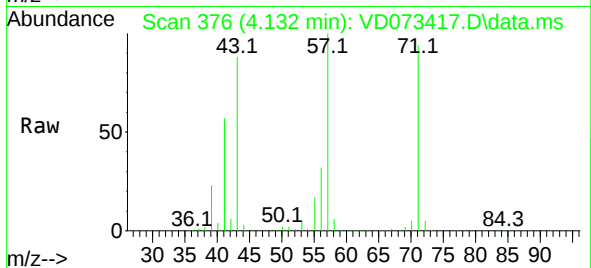
Tgt Ion: 53 Resp: 571078
 Ion Ratio Lower Upper
 53 100
 52 19.7 67.2 100.8#
 51 59.0 30.3 45.5#



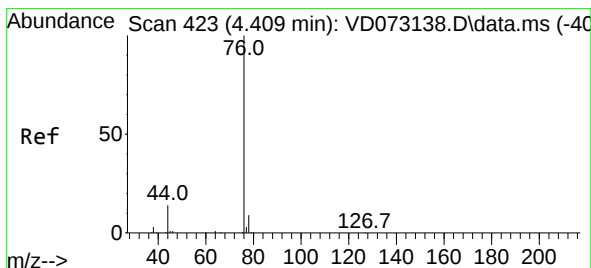
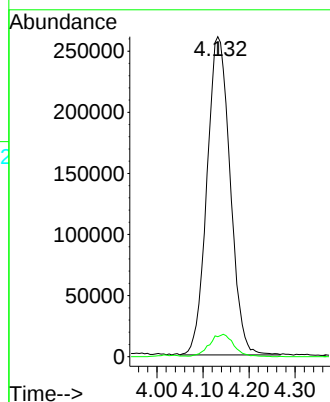
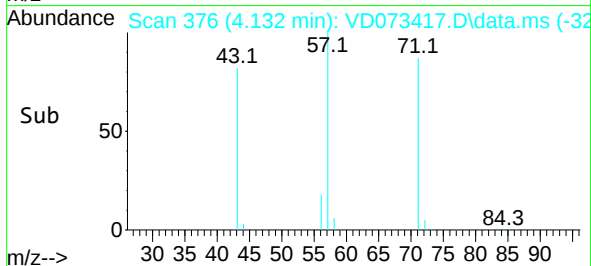


#16
Acetone
Concen: 1172.598 ug/l
RT: 4.132 min Scan# 31
Delta R.T. -0.024 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

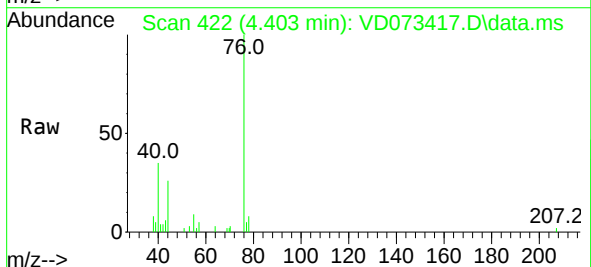
Instrument :
MSVOA_D
ClientSampleId :



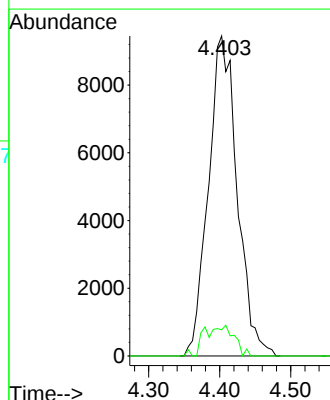
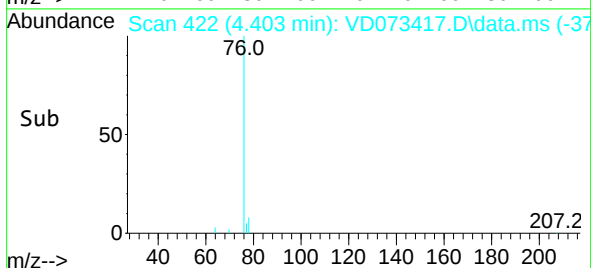
Tgt Ion: 43 Resp: 912263
Ion Ratio Lower Upper
43 100
58 6.2 22.1 33.1#

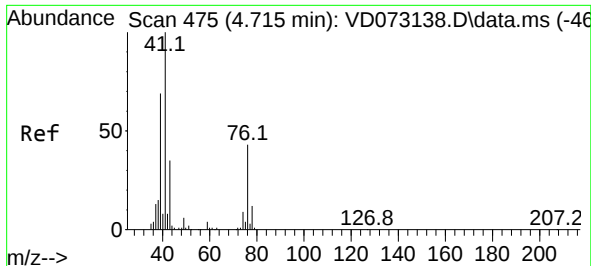


#17
Carbon Disulfide
Concen: 1.966 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



Tgt Ion: 76 Resp: 26617
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3





#18

Methyl Acetate

Concen: 150.410 ug/l

RT: 4.791 min Scan# 41

Delta R.T. 0.076 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

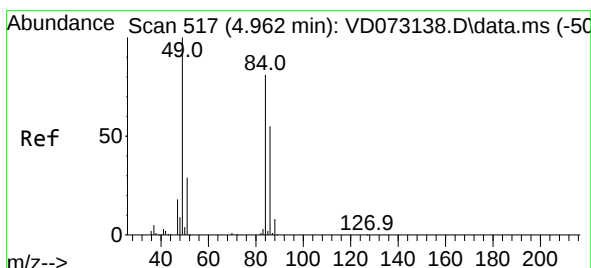
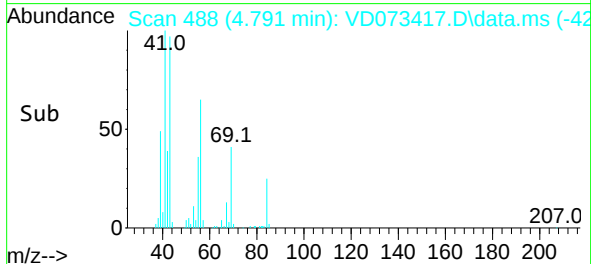
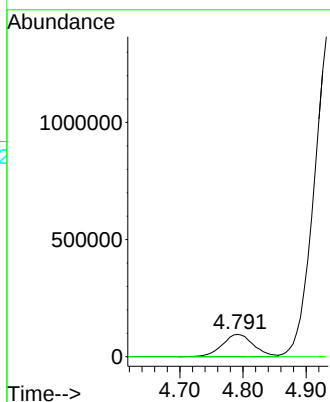
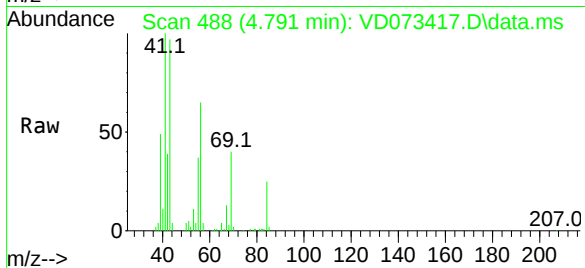
ClientSampleId :

Tgt Ion: 43 Resp: 325388

Ion Ratio Lower Upper

43 100

74 0.1 16.7 25.1#



#20

Methylene Chloride

Concen: 2.265 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.012 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Tgt Ion: 84 Resp: 29987

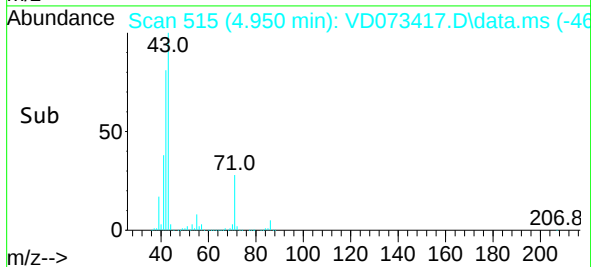
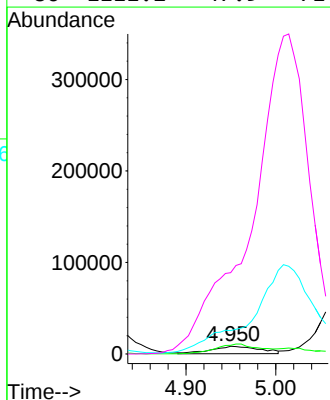
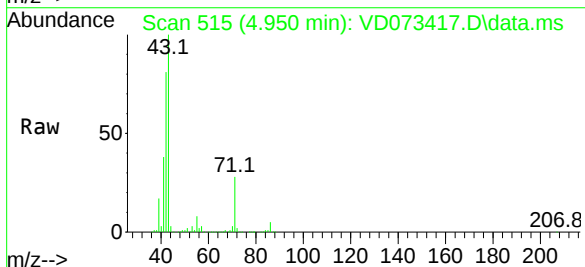
Ion Ratio Lower Upper

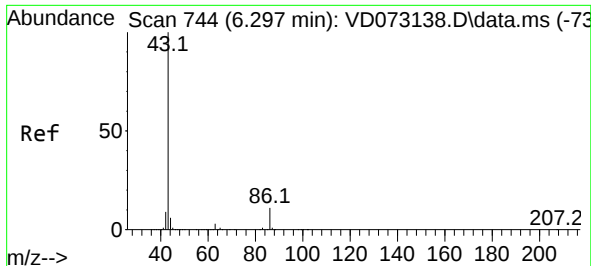
84 100

49 127.9 112.8 169.2

51 317.8 32.6 48.8#

86 1111.2 47.9 71.9#

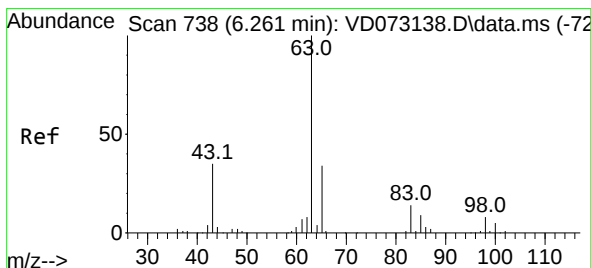
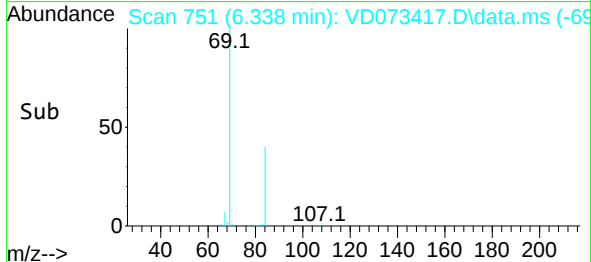
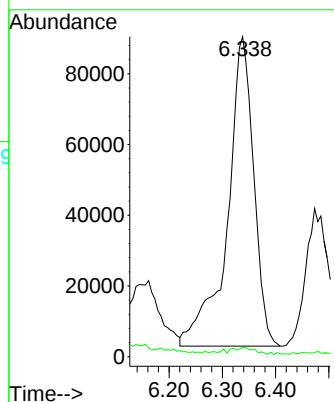
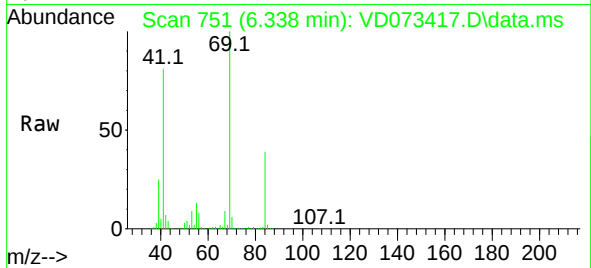




#23
 Vinyl Acetate
 Concen: 40.816 ug/l
 RT: 6.338 min Scan# 711
 Delta R.T. 0.041 min
 Lab File: VD073417.D
 Acq: 27 May 2022 18:06

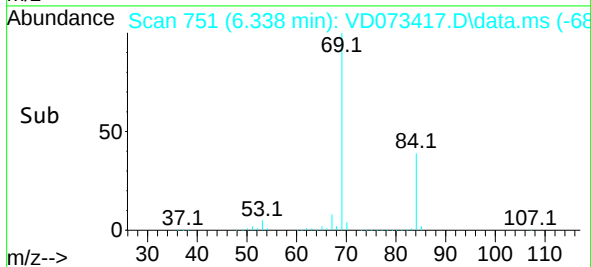
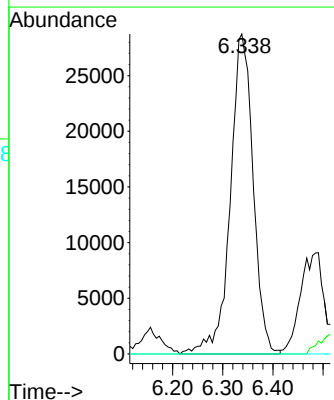
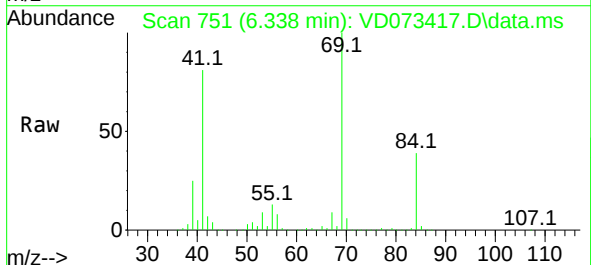
Instrument :
 MSVOA_D
 ClientSampleId :

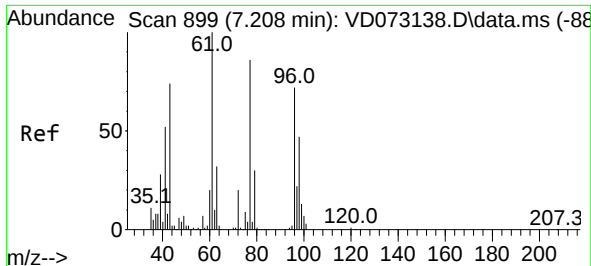
Tgt Ion: 43 Resp: 300899
 Ion Ratio Lower Upper
 43 100
 86 2.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 10.257 ug/l
 RT: 6.338 min Scan# 751
 Delta R.T. 0.077 min
 Lab File: VD073417.D
 Acq: 27 May 2022 18:06

Tgt Ion: 63 Resp: 90994
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.1 6.5#

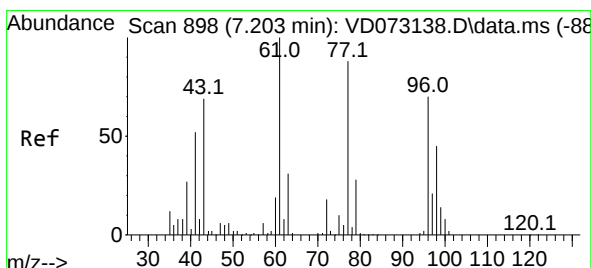
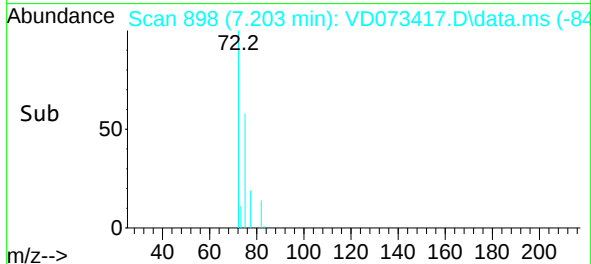
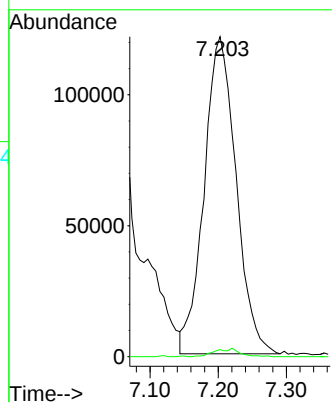
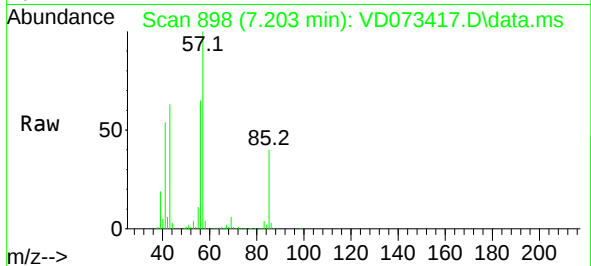




#25
2-Butanone
Concen: 346.932 ug/l
RT: 7.203 min Scan# 841
Delta R.T. -0.005 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

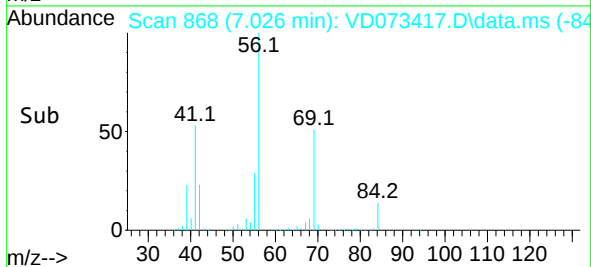
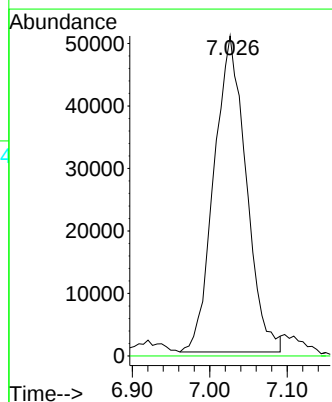
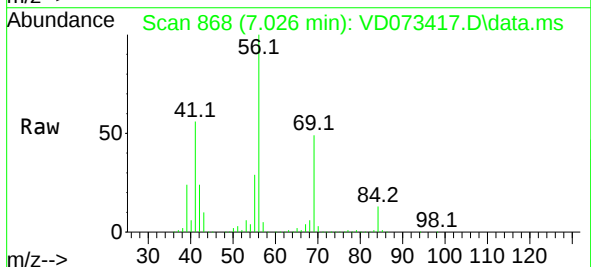
Instrument :
MSVOA_D
ClientSampleId :

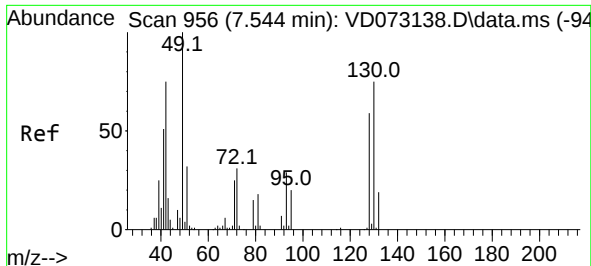
Tgt Ion: 43 Resp: 394885
Ion Ratio Lower Upper
43 100
72 2.2 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 19.324 ug/l
RT: 7.026 min Scan# 868
Delta R.T. -0.177 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

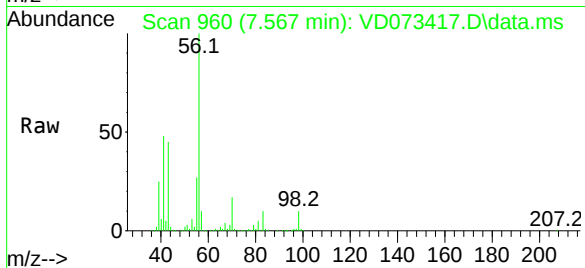
Tgt Ion: 77 Resp: 146193
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



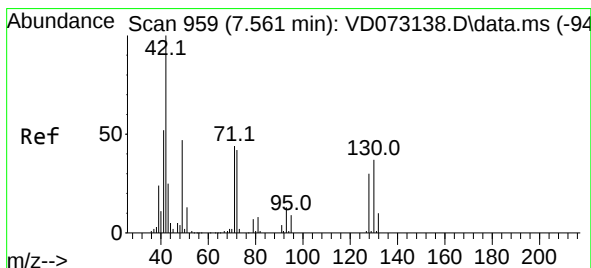
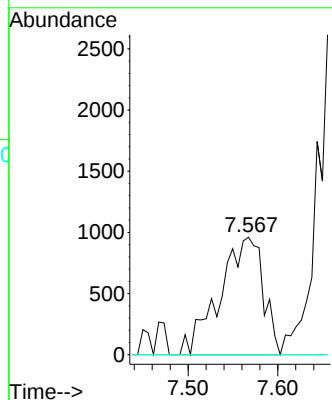
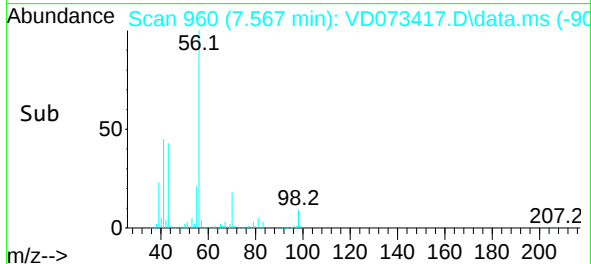


#28
Bromochloromethane
Concen: 1.062 ug/l
RT: 7.567 min Scan# 90
Delta R.T. 0.023 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

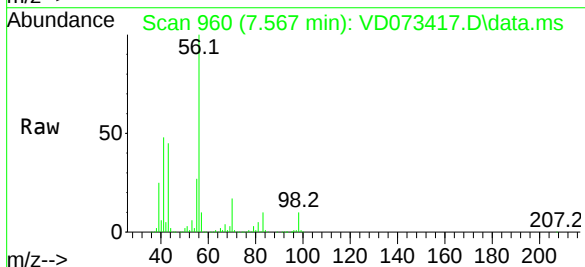
Instrument :
MSVOA_D
ClientSampleId :



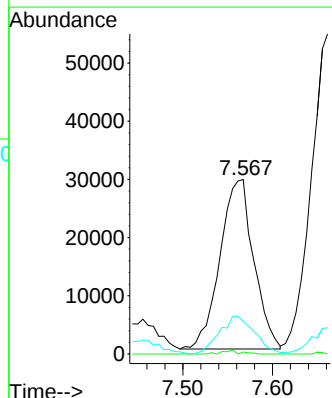
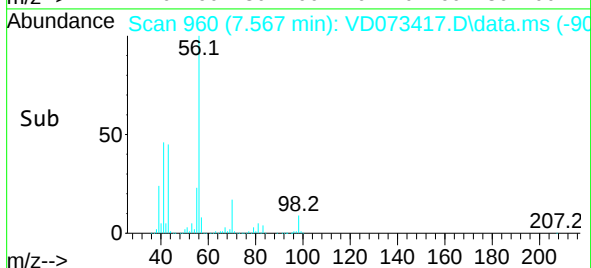
Tgt Ion: 49 Resp: 3245
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 52.6 79.0#

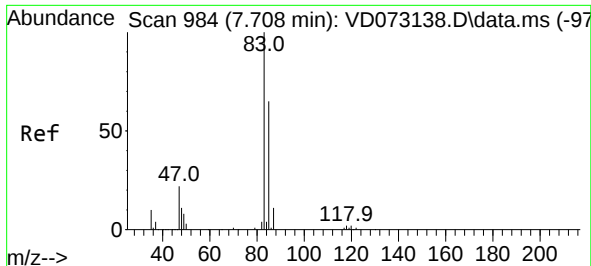


#29
Tetrahydrofuran
Concen: 103.350 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



Tgt Ion: 42 Resp: 76065
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#

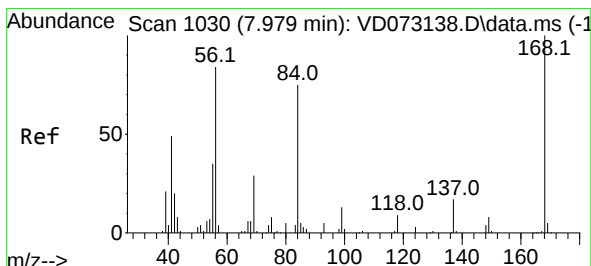
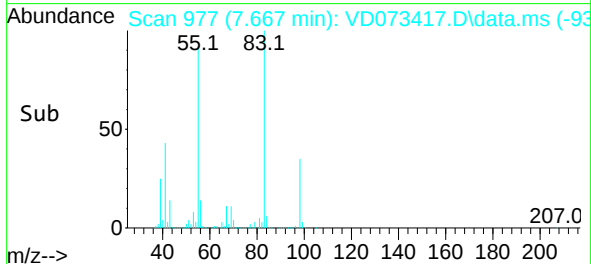
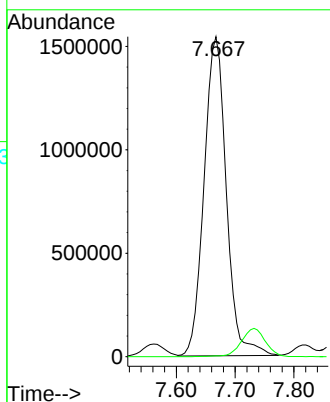
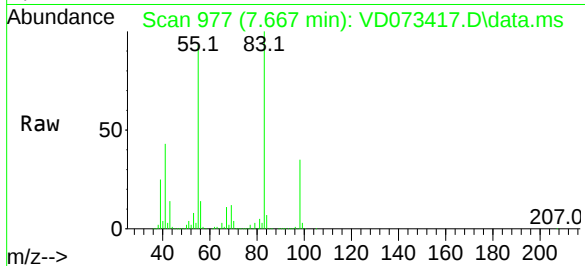




#30
Chloroform
Concen: 438.523 ug/l
RT: 7.667 min Scan# 91
Delta R.T. -0.041 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

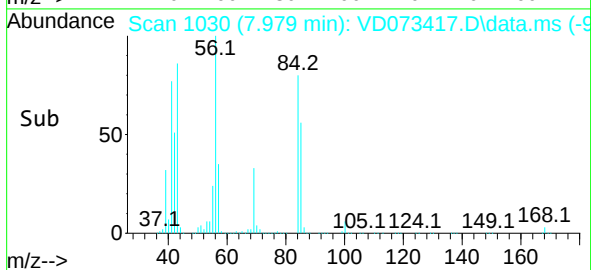
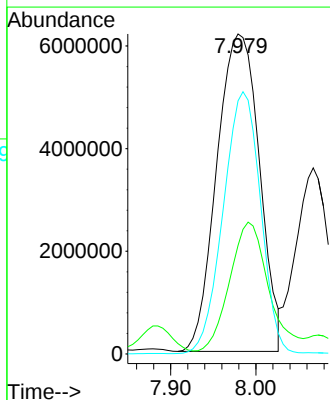
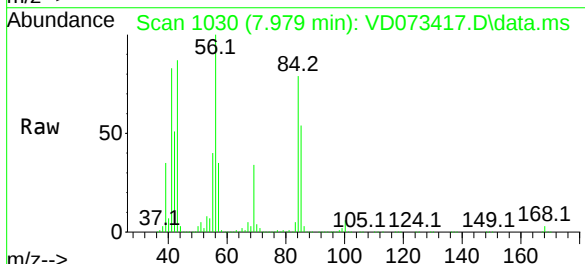
Instrument :
MSVOA_D
ClientSampleId :

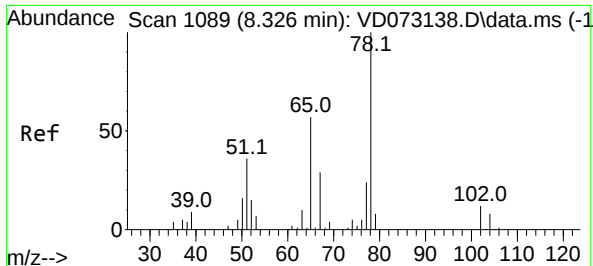
Tgt Ion: 83 Resp: 4061419
Ion Ratio Lower Upper
83 100
85 0.2 52.7 79.1#



#31
Cyclohexane
Concen: 2736.338 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Tgt Ion: 56 Resp: 21477767
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.2
84 79.6 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 51.007 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

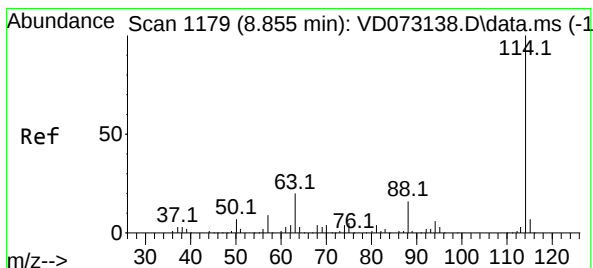
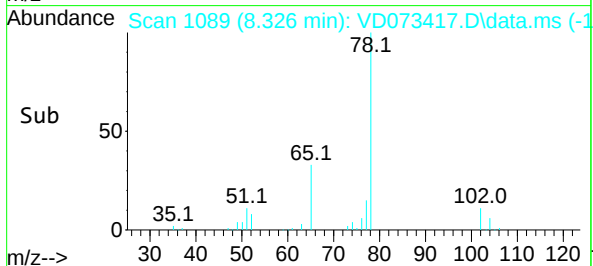
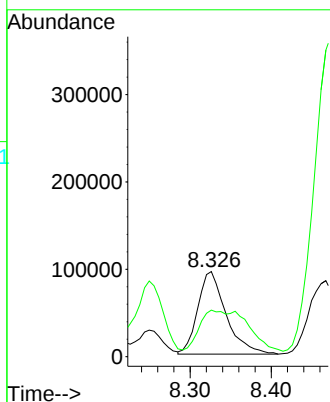
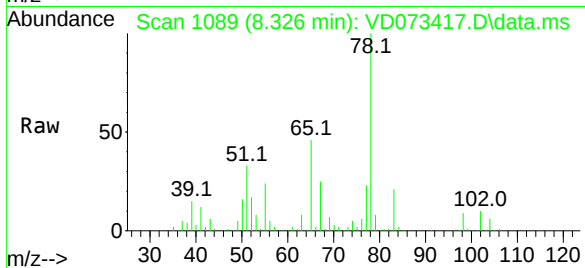
ClientSampleId :

Tgt Ion: 65 Resp: 229100

Ion Ratio Lower Upper

65 100

67 84.0 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: VD073417.D

Acq: 27 May 2022 18:06

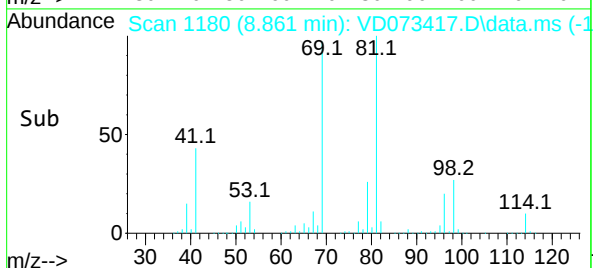
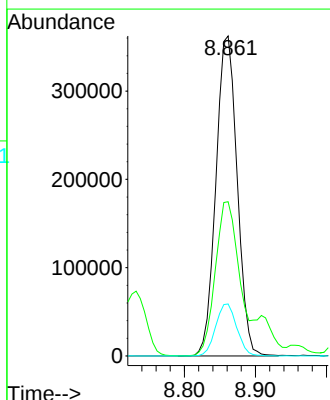
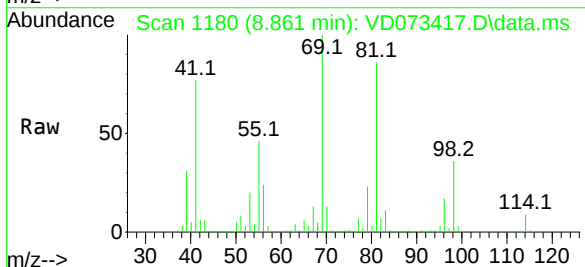
Tgt Ion: 114 Resp: 751659

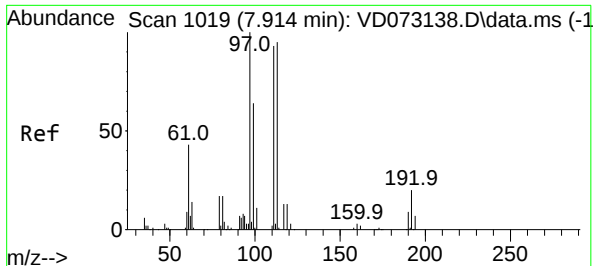
Ion Ratio Lower Upper

114 100

63 48.1 0.0 46.6#

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 28.240 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

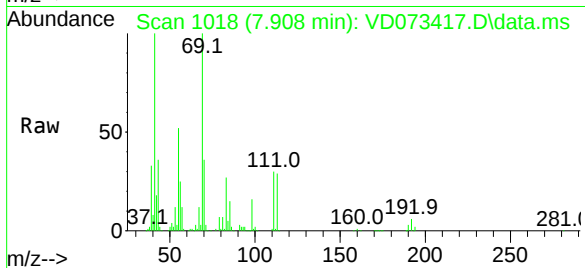
Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :



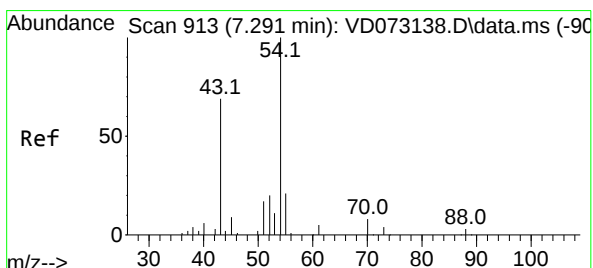
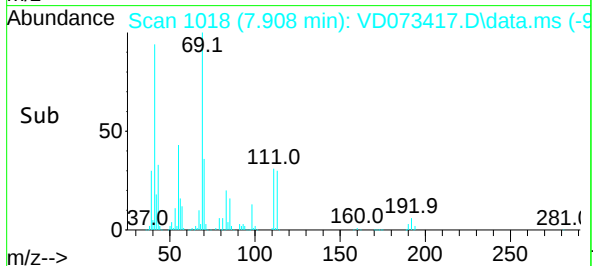
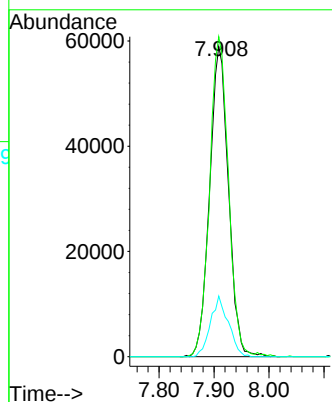
Tgt Ion:113 Resp: 140071

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.6 14.6 21.8



#37

Ethyl Acetate

Concen: 134.017 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.088 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

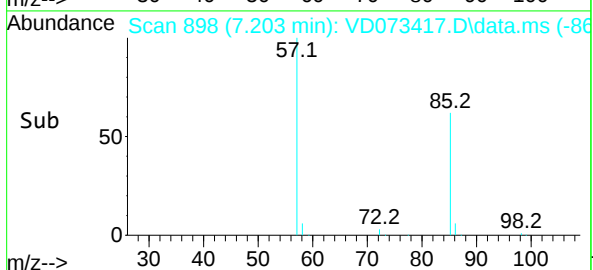
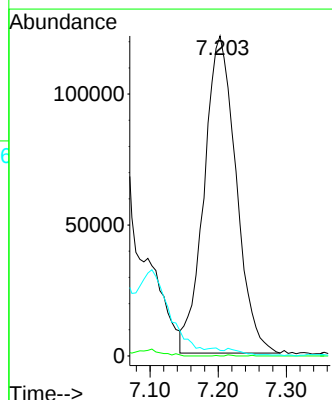
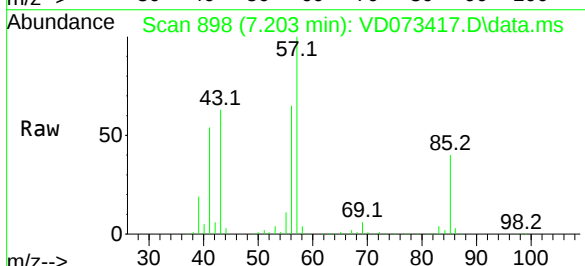
Tgt Ion: 43 Resp: 394885

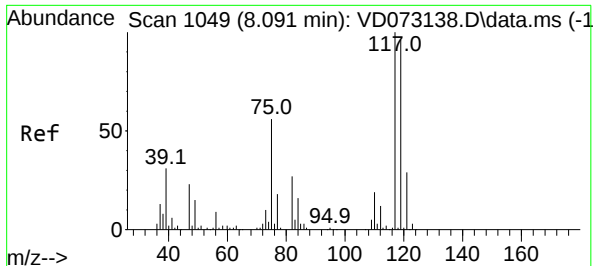
Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 6.9 10.3#





#38

Carbon Tetrachloride

Concen: 5.570 ug/l

RT: 7.979 min Scan# 1

Delta R.T. -0.112 min

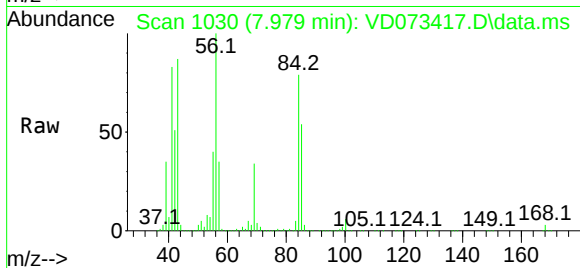
Lab File: VD073417.D

Acq: 27 May 2022 18:06

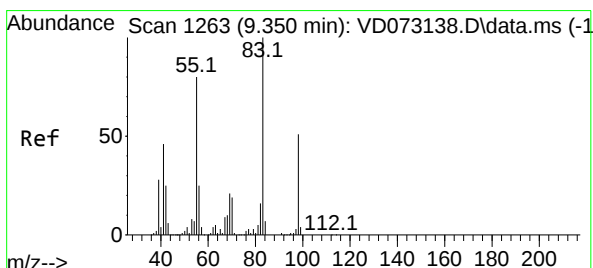
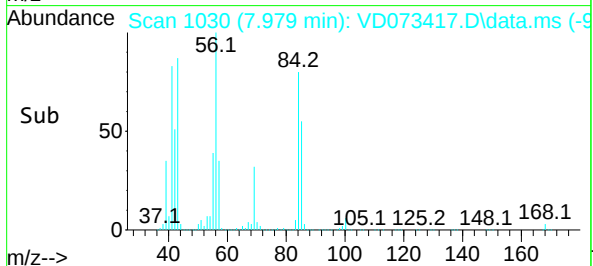
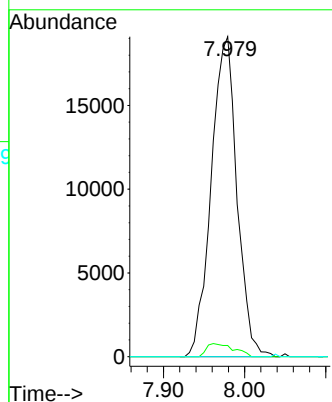
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	117	Resp:	42122
Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.8	113.6#
121	0.0	24.5	36.7#



#39

Methylcyclohexane

Concen: 62.268 ug/l

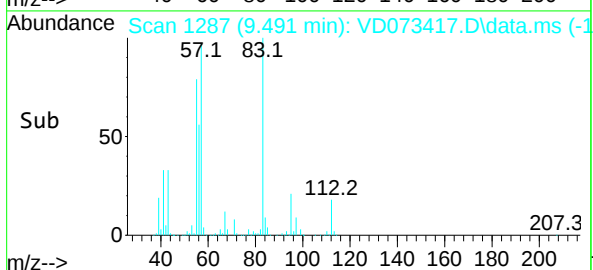
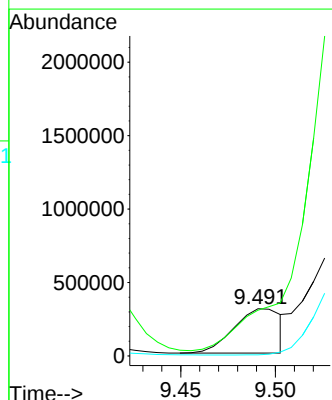
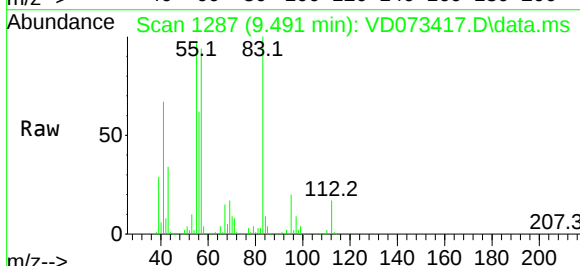
RT: 9.491 min Scan# 1287

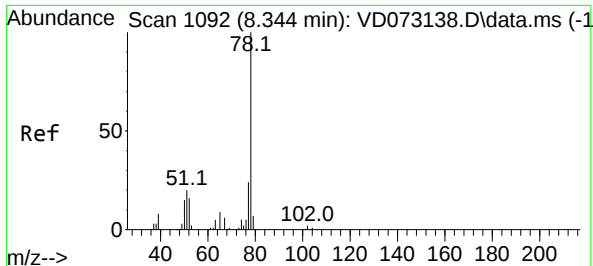
Delta R.T. 0.141 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Tgt Ion:	83	Resp:	517663
Ion	Ratio	Lower	Upper
83	100		
55	90.1	63.2	94.8
98	0.2	38.2	57.4#

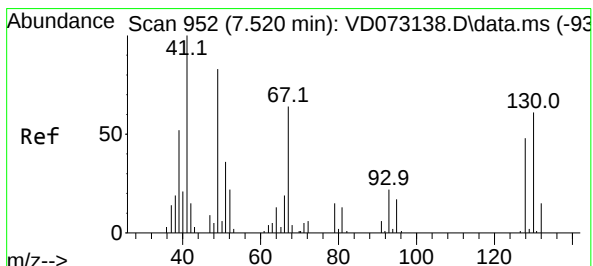
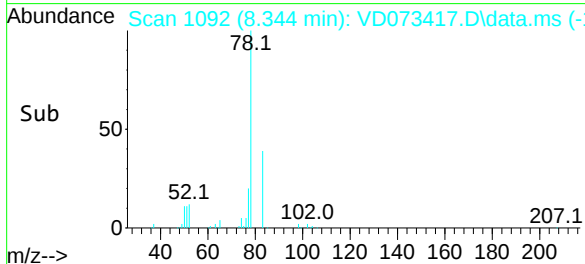
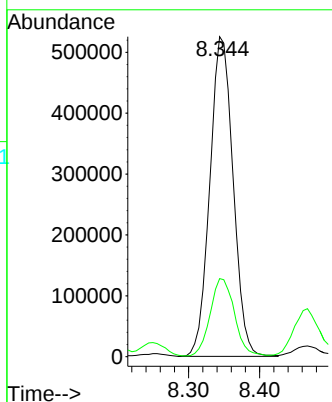
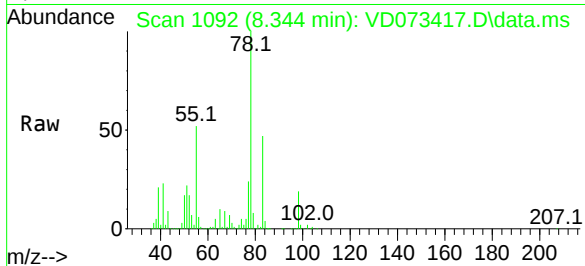




#40
Benzene
Concen: 55.509 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

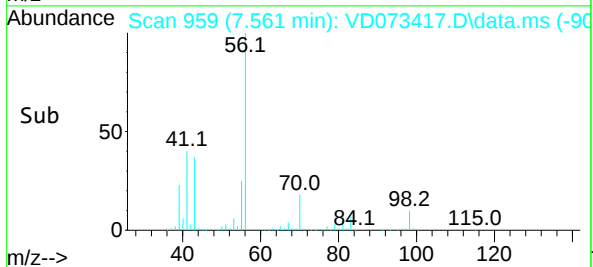
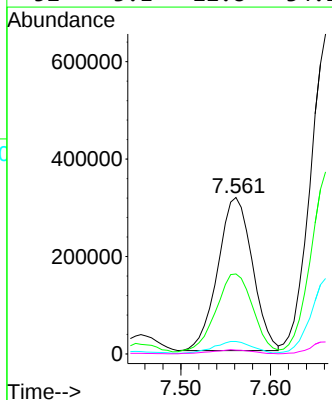
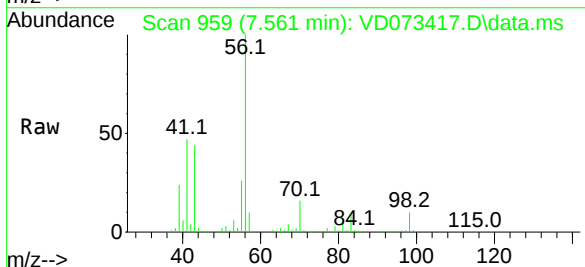
Instrument :
MSVOA_D
ClientSampleId :

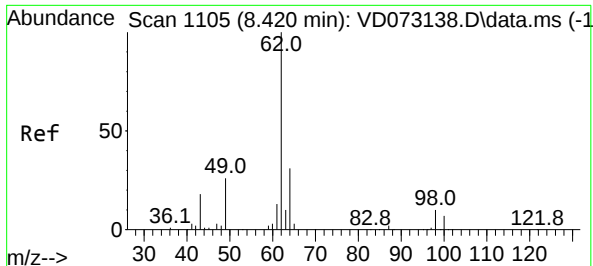
Tgt Ion: 78 Resp: 1193388
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7



#41
Methacrylonitrile
Concen: 489.891 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.041 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Tgt Ion: 41 Resp: 841012
Ion Ratio Lower Upper
41 100
39 53.6 44.6 67.0
67 0.0 48.2 72.4#
52 3.1 22.8 34.2#





#42

1,2-Dichloroethane

Concen: 7.517 ug/l

RT: 8.455 min Scan# 1111

Delta R.T. 0.035 min

Lab File: VD073417.D

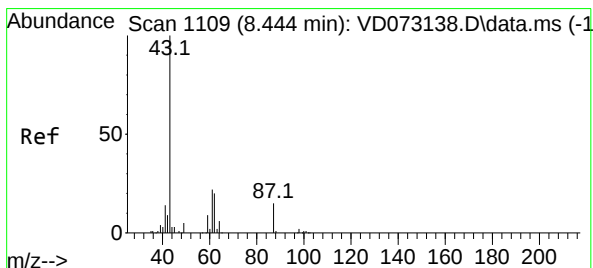
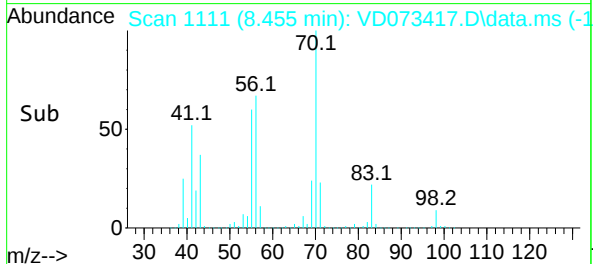
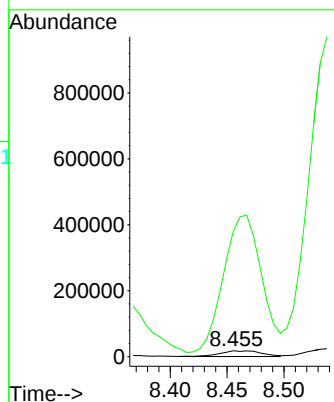
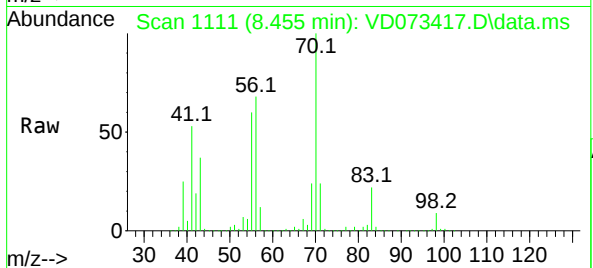
Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 62 Resp: 44965
 Ion Ratio Lower Upper
 62 100
 98 2145.4 0.0 17.6#



#43

Isopropyl Acetate

Concen: 751.737 ug/l

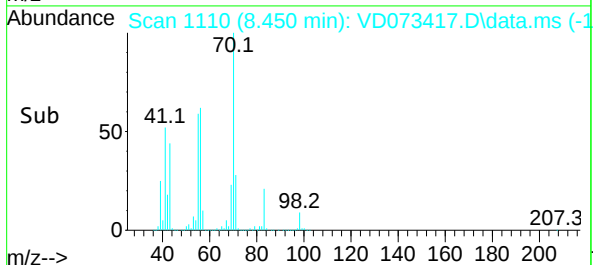
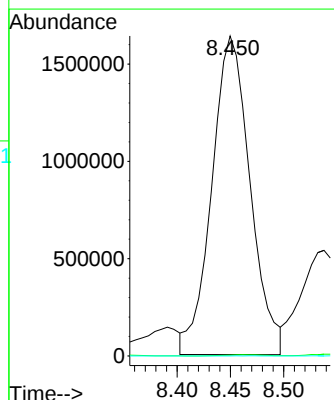
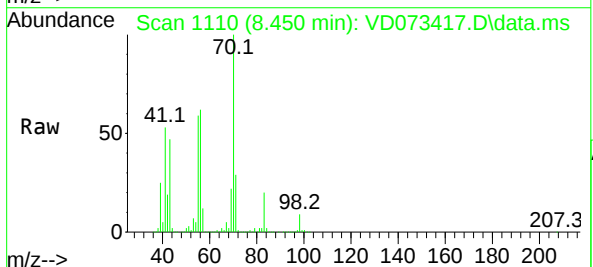
RT: 8.450 min Scan# 1110

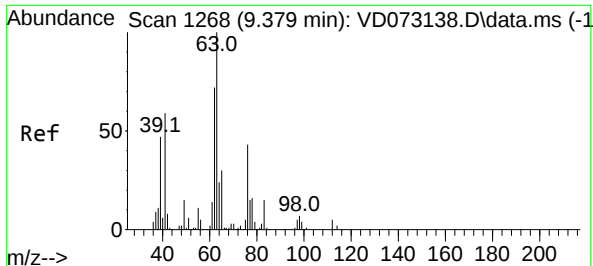
Delta R.T. 0.006 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Tgt Ion: 43 Resp: 4094157
 Ion Ratio Lower Upper
 43 100
 61 0.4 22.4 33.6#
 87 0.0 8.7 13.1#





#45

1,2-Dichloropropane

Concen: 122.023 ug/l

RT: 9.361 min Scan# 1265

Delta R.T. -0.018 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

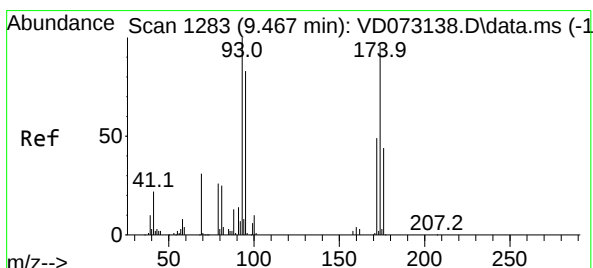
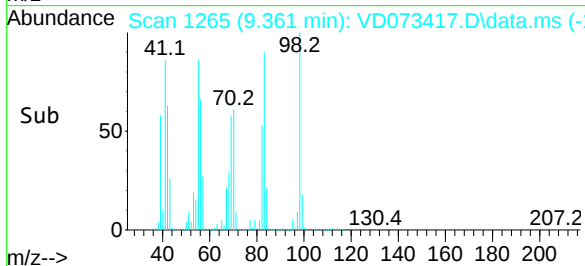
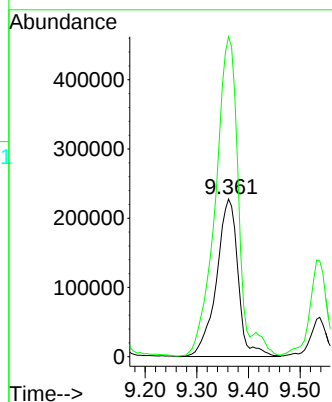
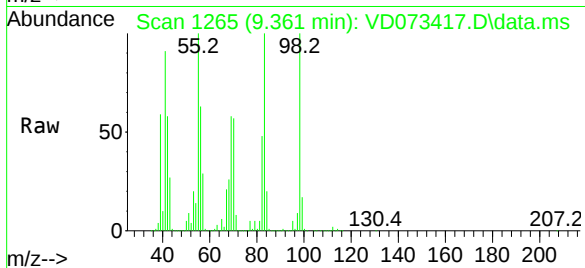
ClientSampleId :

Tgt Ion: 63 Resp: 660663

Ion Ratio Lower Upper

63 100

65 202.9 26.2 39.4#



#46

Dibromomethane

Concen: 1.820 ug/l

RT: 9.485 min Scan# 1286

Delta R.T. 0.018 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

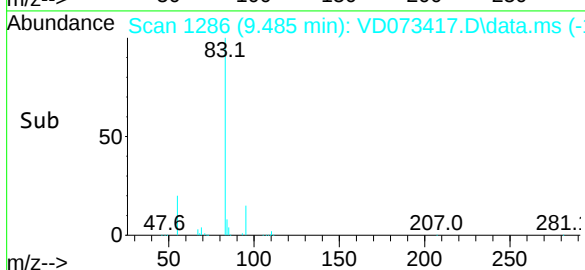
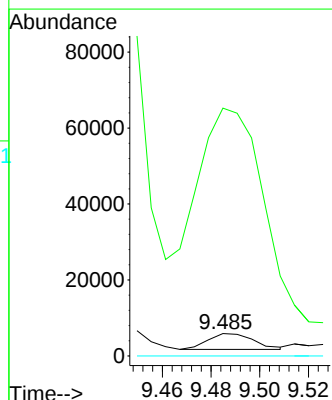
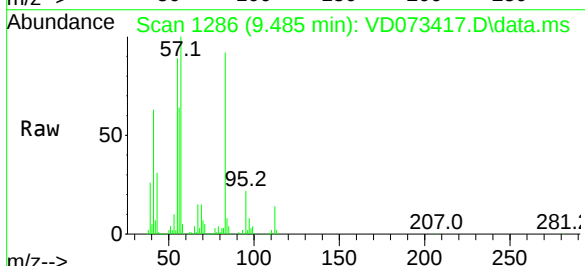
Tgt Ion: 93 Resp: 5413

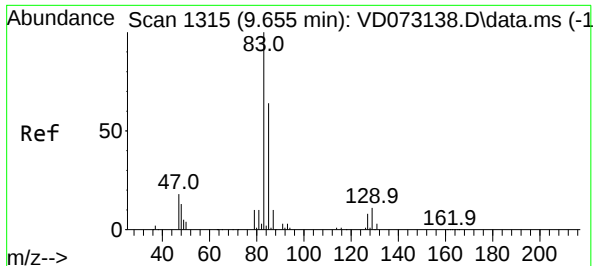
Ion Ratio Lower Upper

93 100

95 2018.7 66.7 100.1#

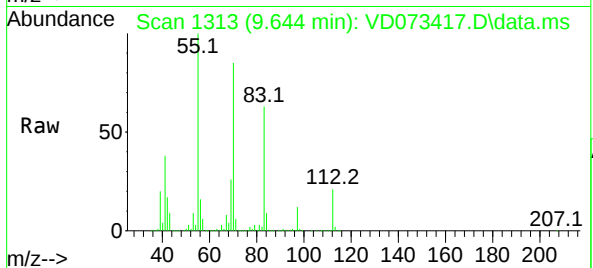
174 0.0 71.6 107.4#



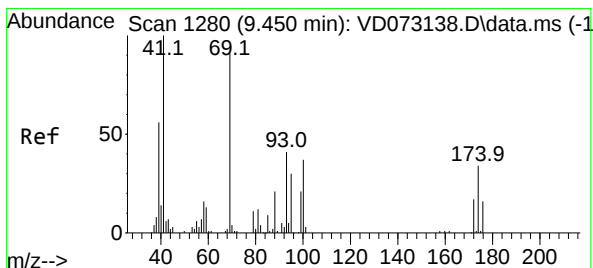
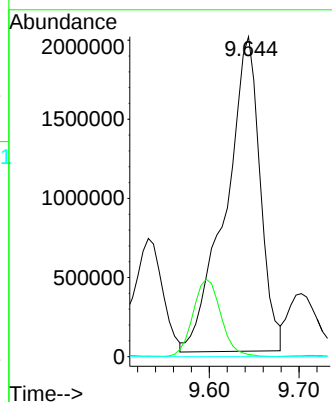
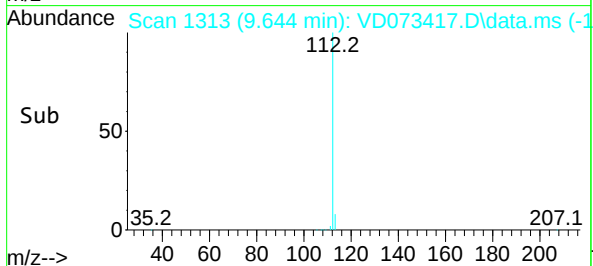


#47
Bromodichloromethane
Concen: 698.023 ug/l
RT: 9.644 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :

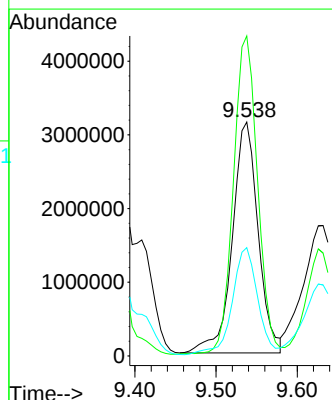
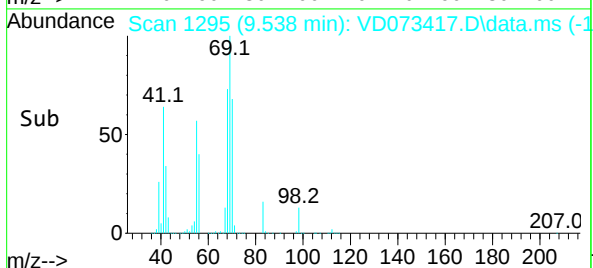
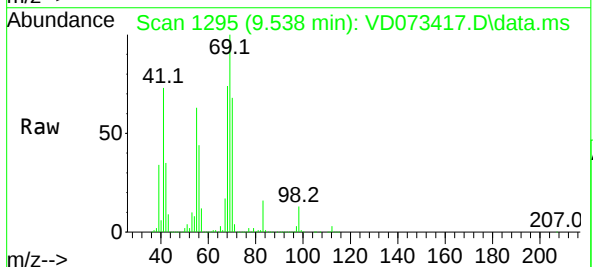


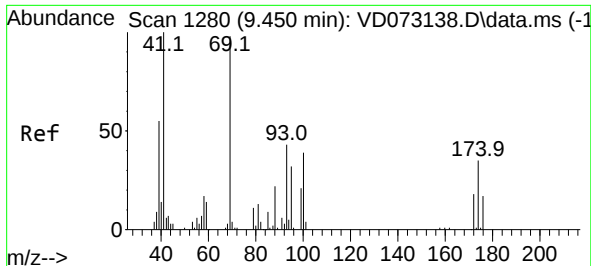
Tgt Ion: 83 Resp: 5310935
Ion Ratio Lower Upper
83 100
85 0.6 51.4 77.0#
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 2533.806 ug/l
RT: 9.538 min Scan# 1295
Delta R.T. 0.088 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Tgt Ion: 41 Resp: 6942831
Ion Ratio Lower Upper
41 100
69 128.7 56.7 85.1#
39 45.1 42.7 64.1





#49

1,4-Dioxane

Concen: 5.308 ug/l

RT: 9.408 min Scan# 11

Delta R.T. -0.042 min

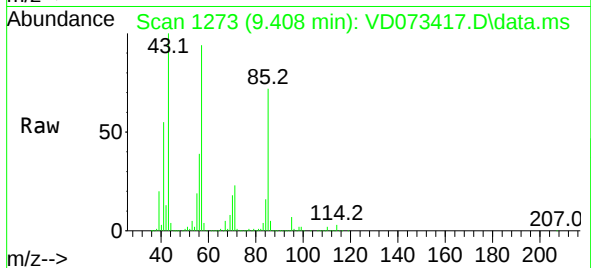
Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :



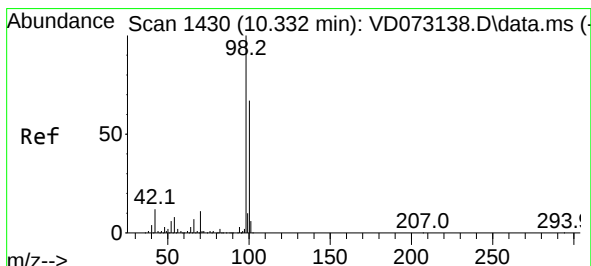
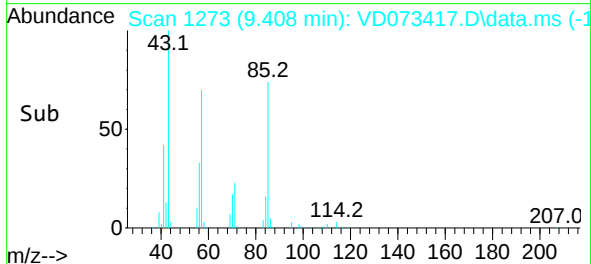
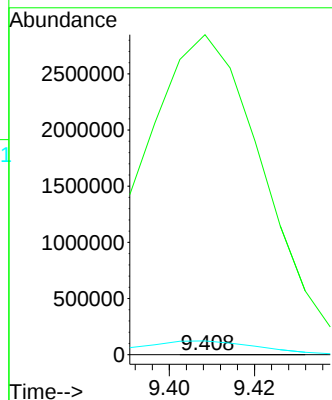
Tgt Ion: 88 Resp: 163

Ion Ratio Lower Upper

88 100

43 3313531.3 31.0 46.4#

58 140308.6 58.1 87.1#



#50

Toluene-d8

Concen: 208.044 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD073417.D

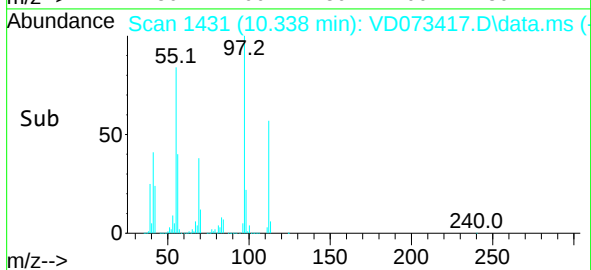
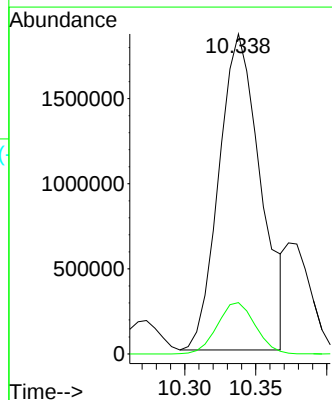
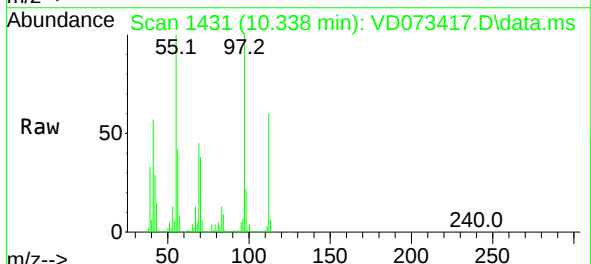
Acq: 27 May 2022 18:06

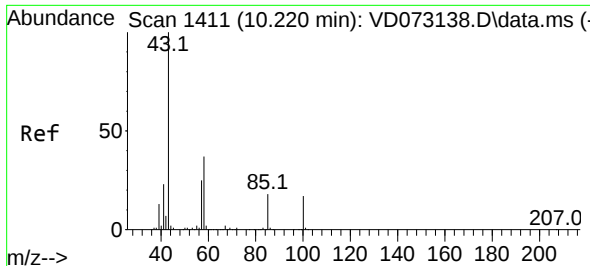
Tgt Ion: 98 Resp: 3803795

Ion Ratio Lower Upper

98 100

100 14.8 52.4 78.6#

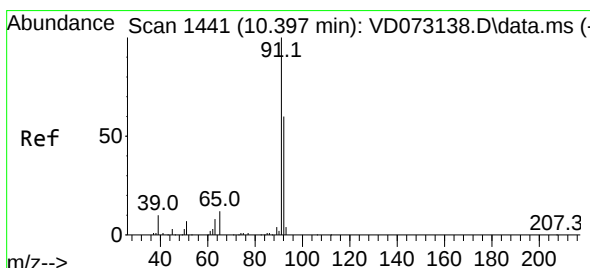
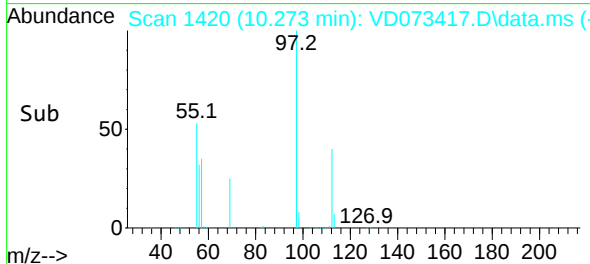
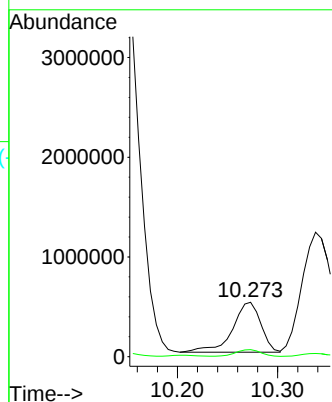
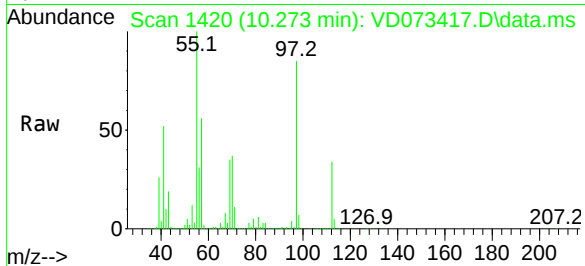




#51
4-Methyl-2-Pentanone
Concen: 348.498 ug/l
RT: 10.273 min Scan# 1411
Delta R.T. 0.053 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

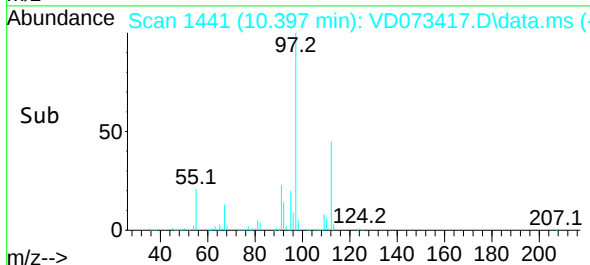
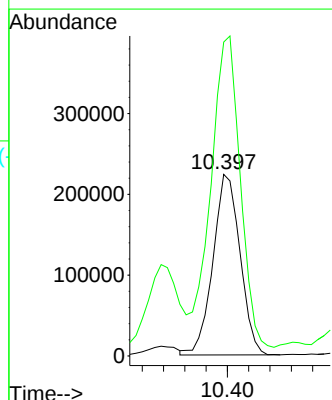
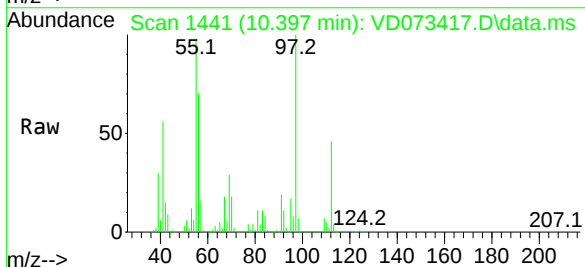
Instrument :
MSVOA_D
ClientSampleId :

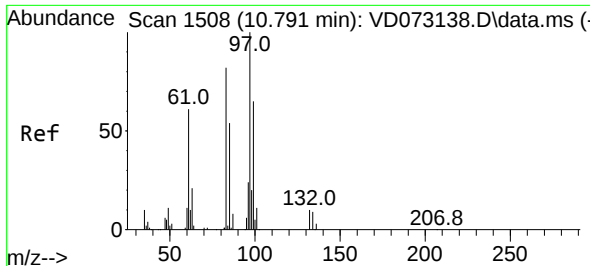
Tgt Ion: 43 Resp: 985790
Ion Ratio Lower Upper
43 100
58 11.9 28.6 43.0#



#52
Toluene
Concen: 29.036 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

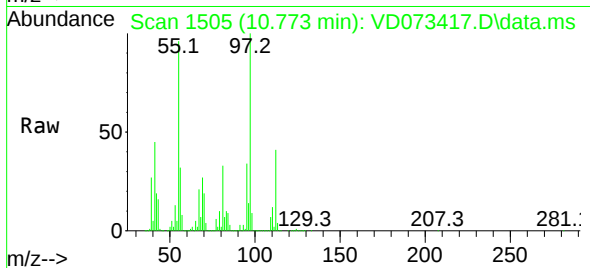
Tgt Ion: 92 Resp: 394476
Ion Ratio Lower Upper
92 100
91 188.1 139.6 209.4



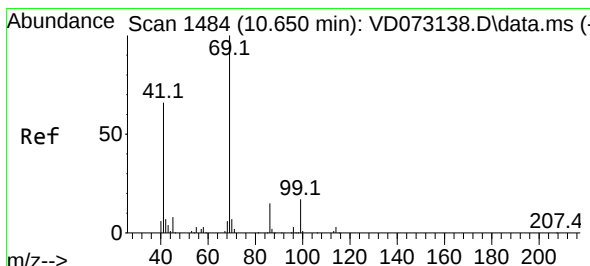
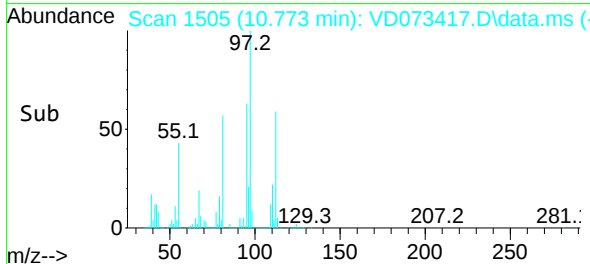
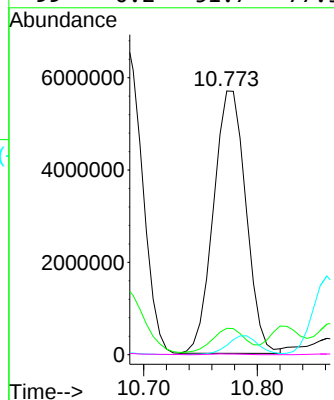


#55
1,1,2-Trichloroethane
Concen: 2804.912 ug/l
RT: 10.773 min Scan# 1
Delta R.T. -0.018 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :

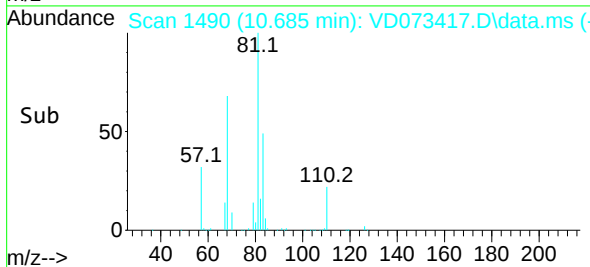
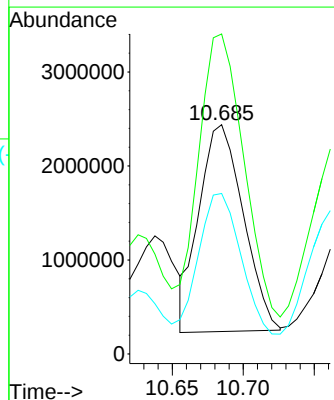
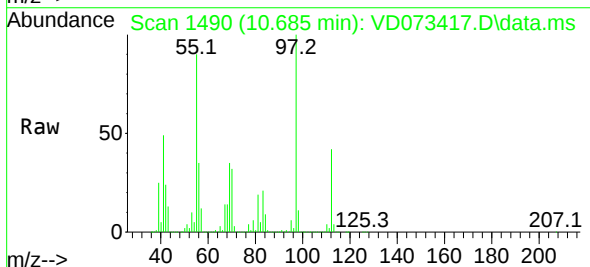


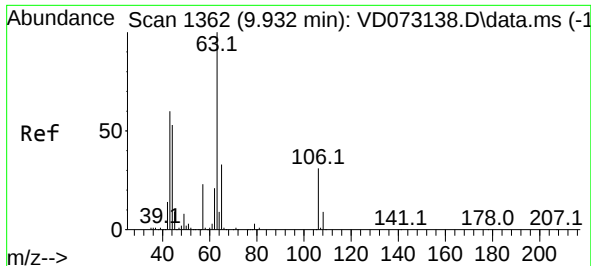
Tgt Ion: 97 Resp:11278802
Ion Ratio Lower Upper
97 100
83 9.2 69.0 103.4#
85 3.5 42.6 63.8#
99 0.2 51.7 77.5#



#56
Ethyl methacrylate
Concen: 1066.908 ug/l
RT: 10.685 min Scan# 1490
Delta R.T. 0.035 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Tgt Ion: 69 Resp: 4769945
Ion Ratio Lower Upper
69 100
41 149.3 63.0 94.6#
39 69.4 33.8 50.8#





#58

2-Chloroethyl Vinyl ether

Concen: 56.368 ug/l

RT: 9.926 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

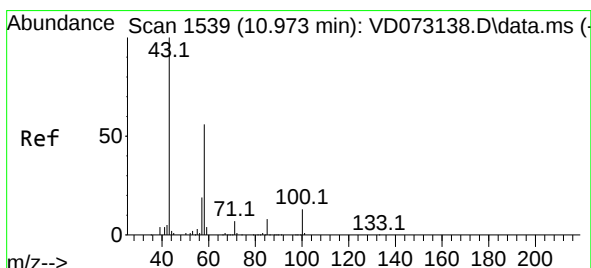
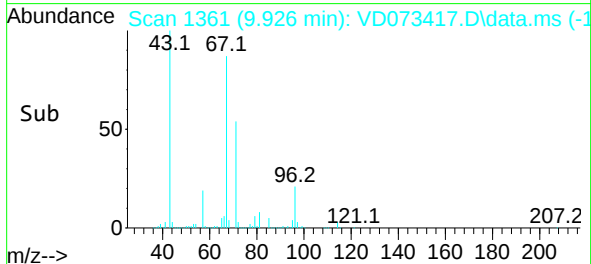
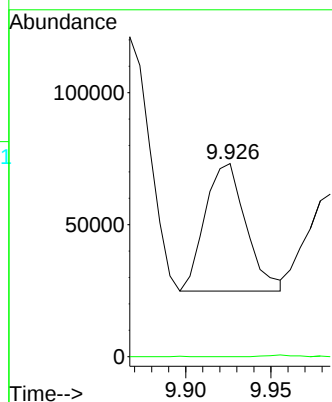
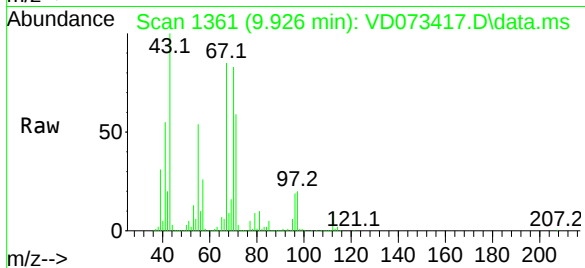
ClientSampleId :

Tgt Ion: 63 Resp: 80794

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#



#59

2-Hexanone

Concen: 6808.066 ug/l

RT: 10.955 min Scan# 1536

Delta R.T. -0.018 min

Lab File: VD073417.D

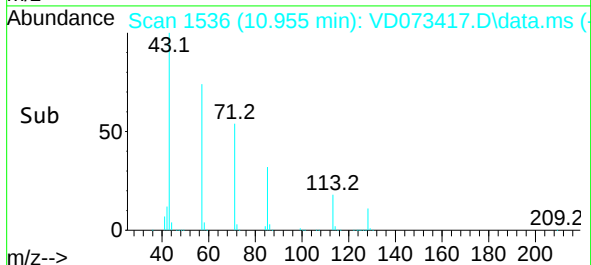
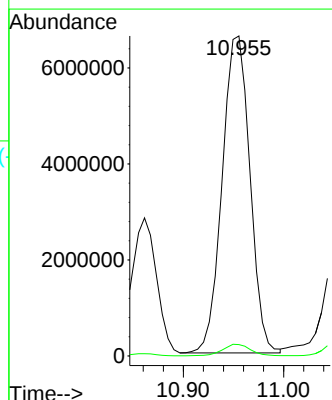
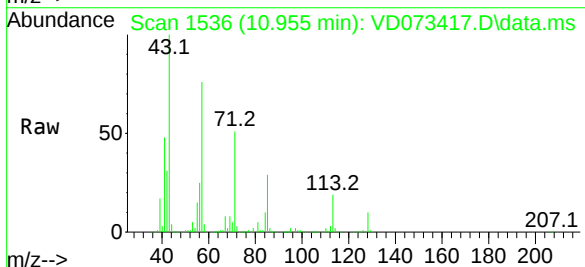
Acq: 27 May 2022 18:06

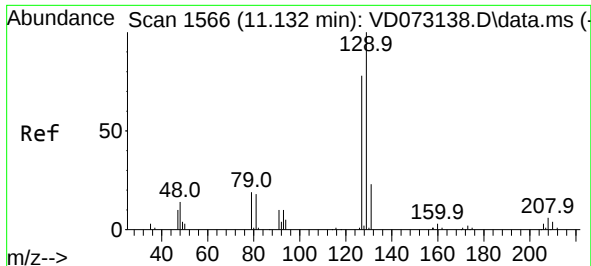
Tgt Ion: 43 Resp: 12696422

Ion Ratio Lower Upper

43 100

58 3.7 25.3 75.9#

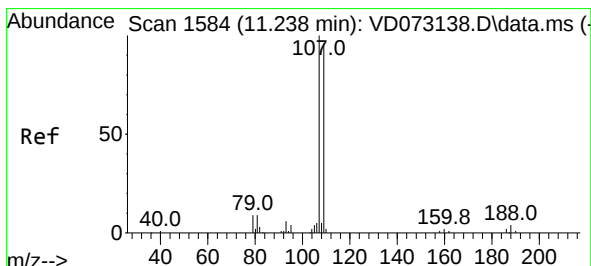
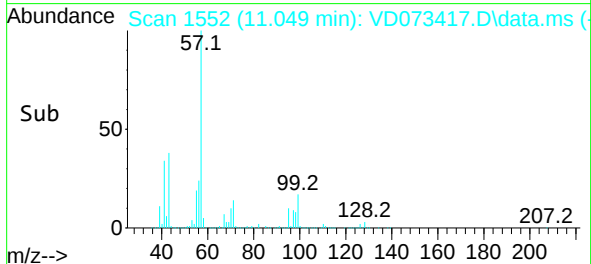
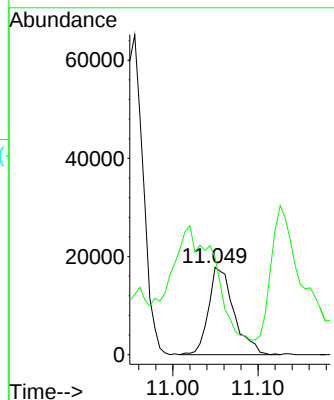
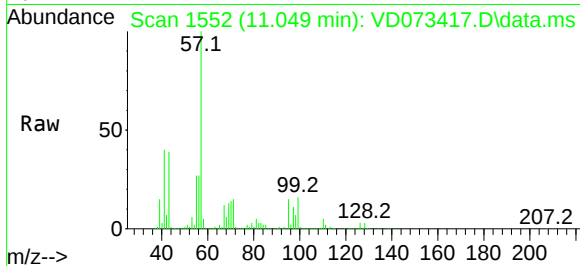




#60
Dibromochloromethane
Concen: 7.349 ug/l
RT: 11.049 min Scan# 11
Delta R.T. -0.083 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

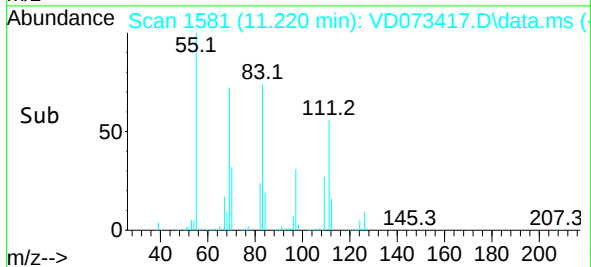
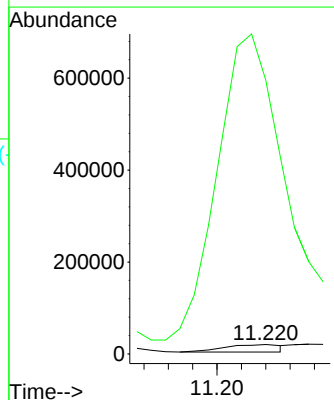
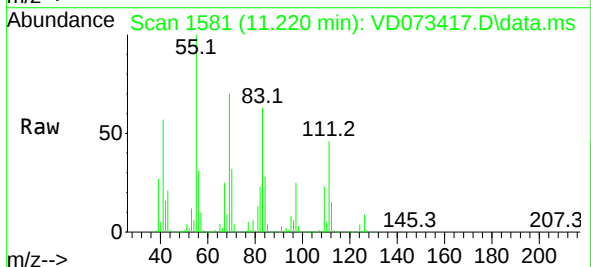
Instrument :
MSVOA_D
ClientSampleId :

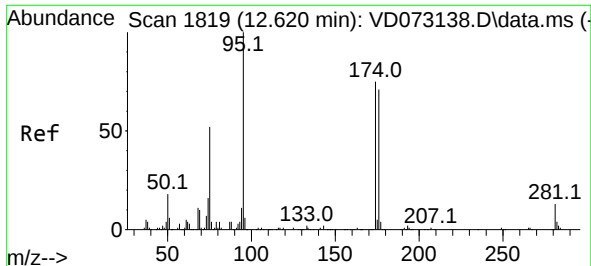
Tgt Ion:129 Resp: 36850
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#



#61
1,2-Dibromoethane
Concen: 6.952 ug/l
RT: 11.220 min Scan# 1581
Delta R.T. -0.018 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Tgt Ion:107 Resp: 26711
Ion Ratio Lower Upper
107 100
109 5218.7 74.2 111.4#

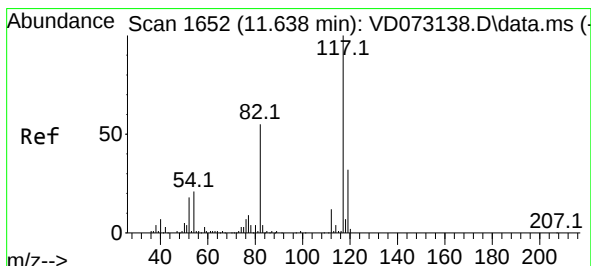
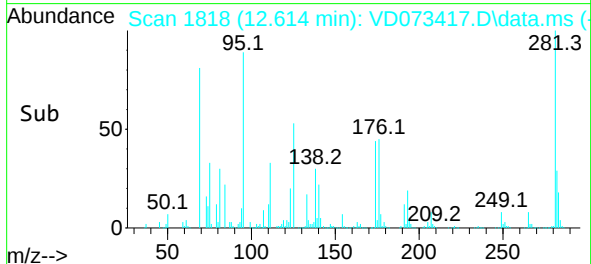
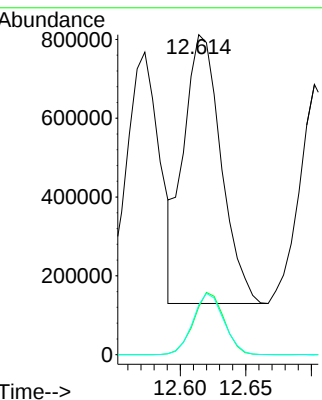
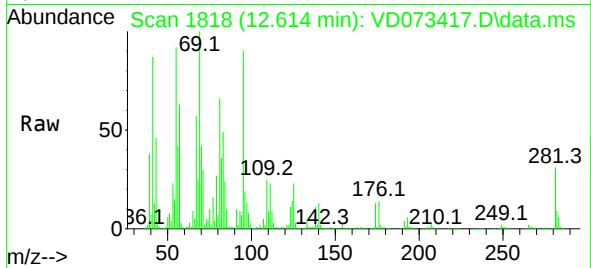




#62
4-Bromofluorobenzene
Concen: 211.862 ug/l
RT: 12.614 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

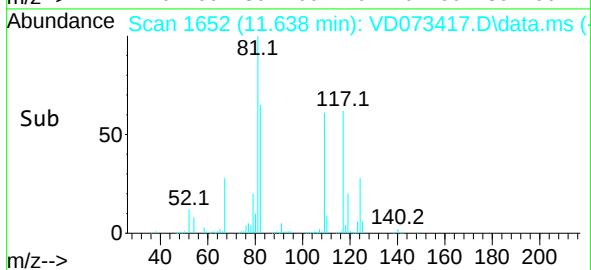
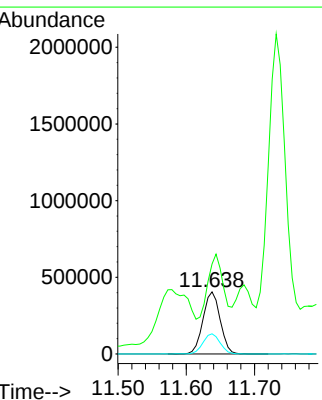
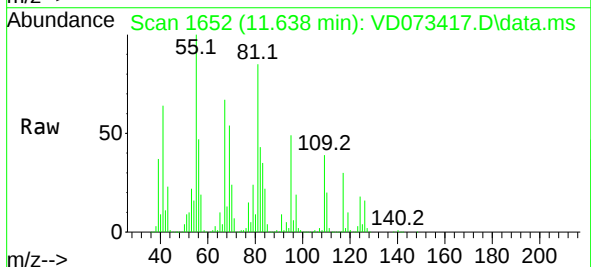
Instrument :
MSVOA_D
ClientSampleId :

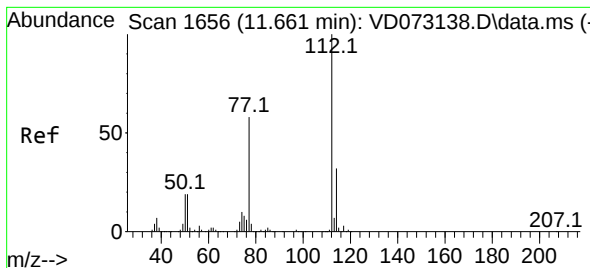
Tgt Ion: 95 Resp: 1359406
Ion Ratio Lower Upper
95 100
174 18.8 0.0 152.8
176 18.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Tgt Ion: 117 Resp: 708382
Ion Ratio Lower Upper
117 100
82 41.6 45.3 67.9#
119 32.5 26.6 40.0





#65

Chlorobenzene

Concen: 9.337 ug/l

RT: 11.567 min Scan# 1

Delta R.T. -0.094 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

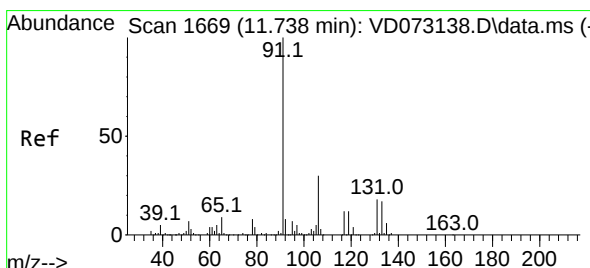
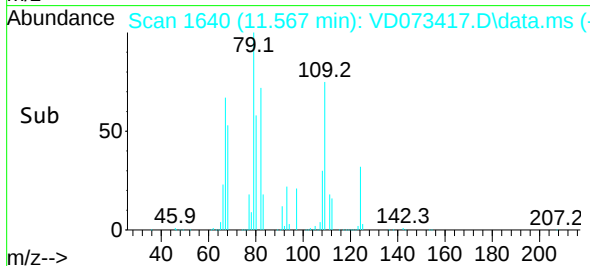
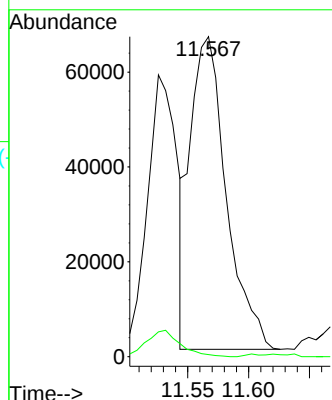
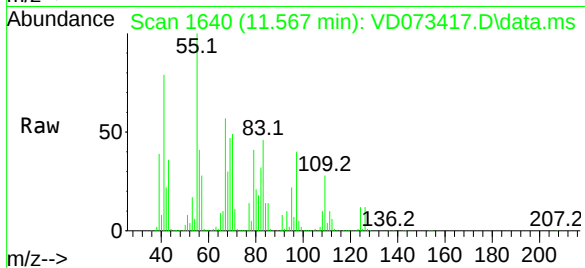
ClientSampleId :

Tgt Ion:112 Resp: 135681

Ion Ratio Lower Upper

112 100

114 0.1 25.8 38.6#



#67

Ethyl Benzene

Concen: 609.569 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD073417.D

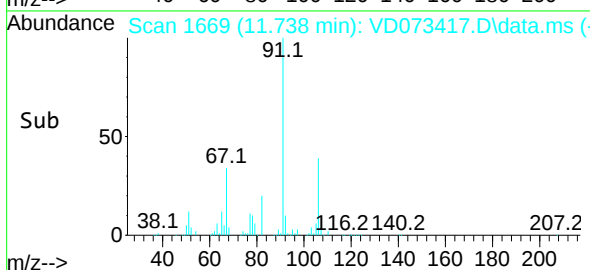
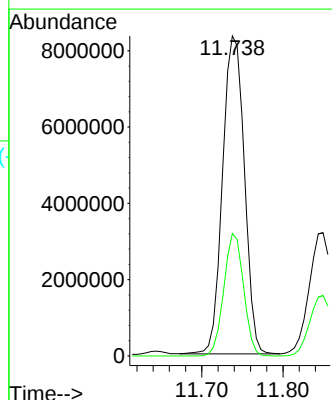
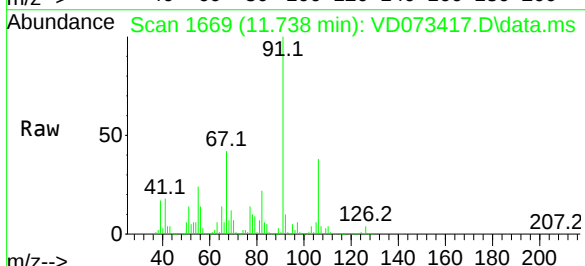
Acq: 27 May 2022 18:06

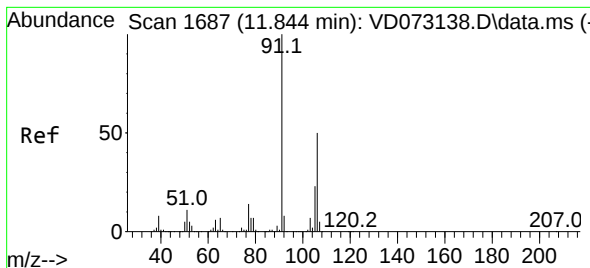
Tgt Ion: 91 Resp:15550698

Ion Ratio Lower Upper

91 100

106 38.5 24.2 36.4#

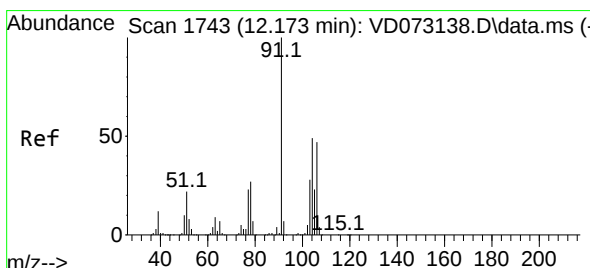
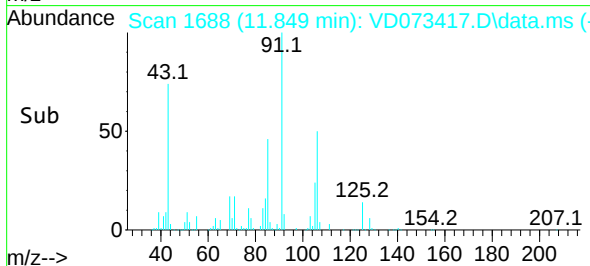
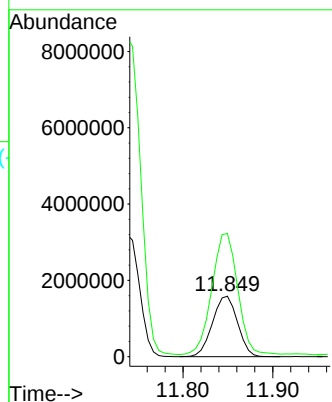
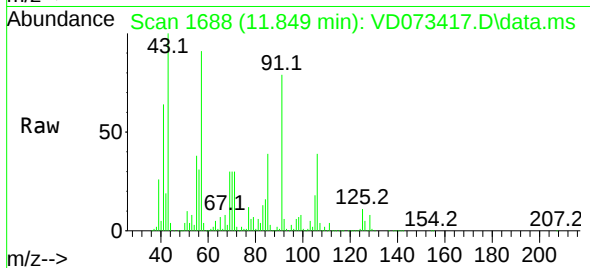




#68
m/p-Xylenes
Concen: 309.501 ug/l
RT: 11.849 min Scan# 1
Delta R.T. 0.005 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

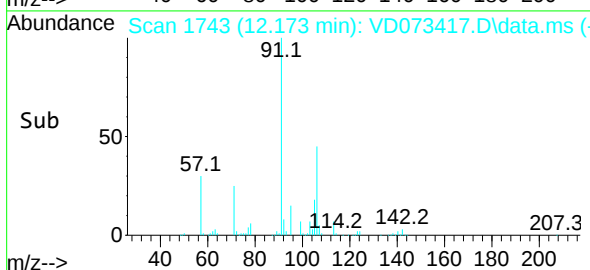
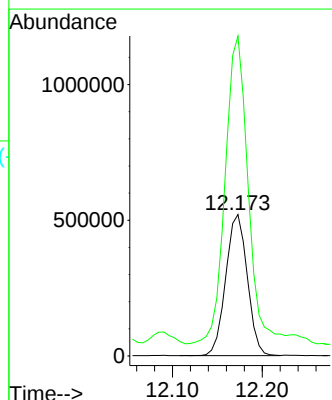
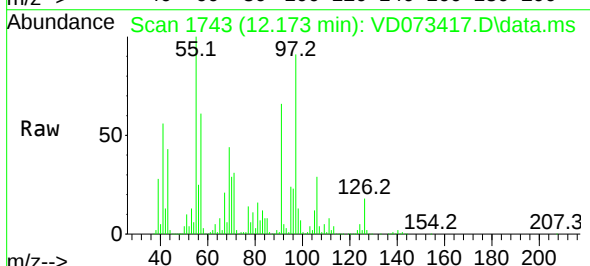
Instrument :
MSVOA_D
ClientSampleId :

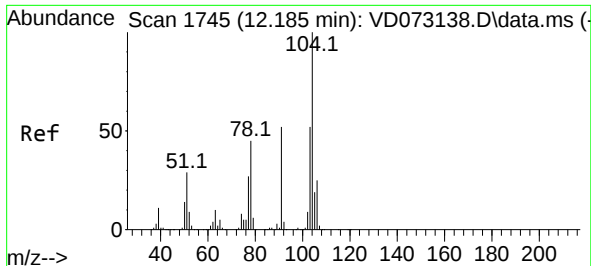
Tgt Ion:106 Resp: 3067570
Ion Ratio Lower Upper
106 100
91 206.5 163.7 245.5



#69
o-Xylene
Concen: 95.233 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

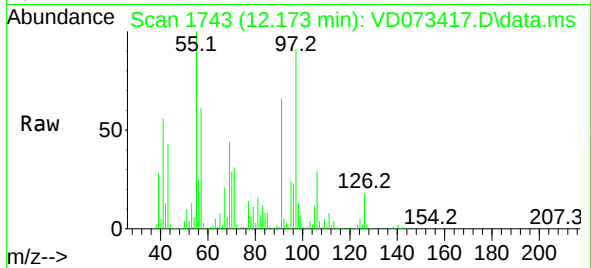
Tgt Ion:106 Resp: 867103
Ion Ratio Lower Upper
106 100
91 239.0 110.4 331.2



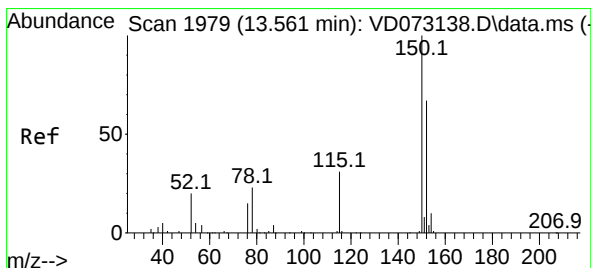
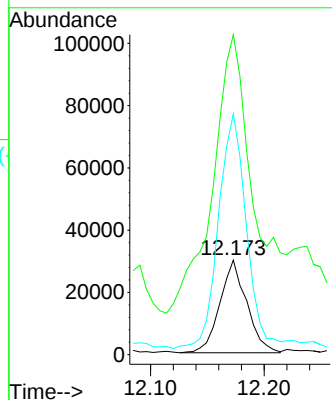
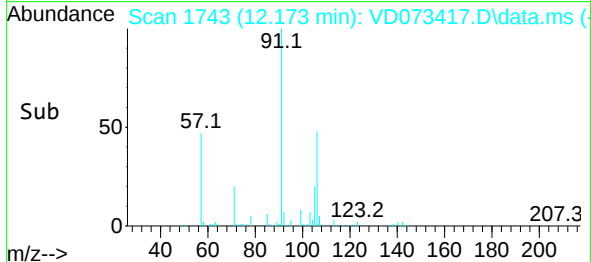


#70
Styrene
Concen: 3.123 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

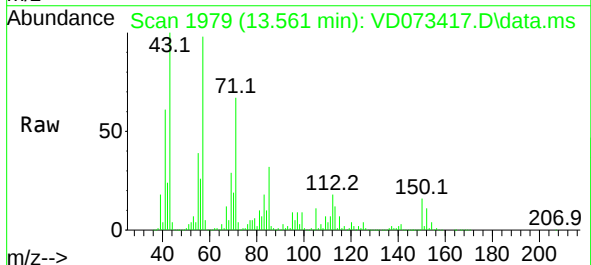
Instrument :
MSVOA_D
ClientSampleId :



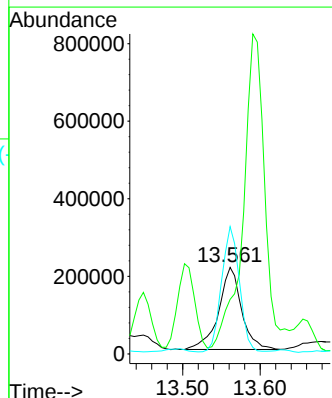
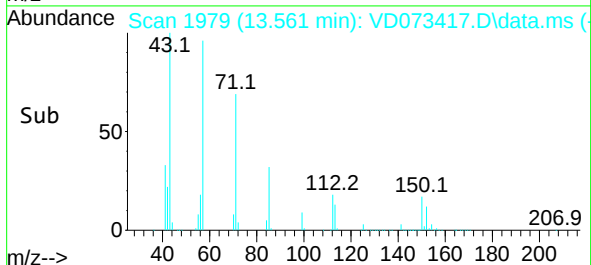
Tgt Ion:104 Resp: 48926
Ion Ratio Lower Upper
104 100
78 453.3 41.8 62.8#
103 275.1 44.2 66.4#

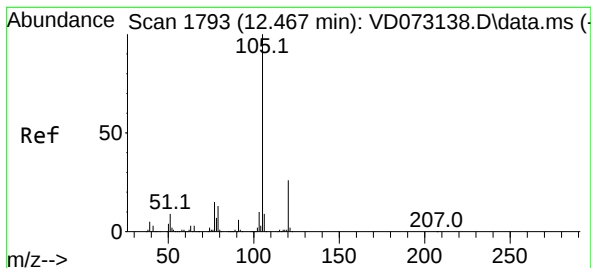


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



Tgt Ion:152 Resp: 433714
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 119.5 0.0 348.6





#73

Isopropylbenzene

Concen: 313.950 ug/l

RT: 12.473 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

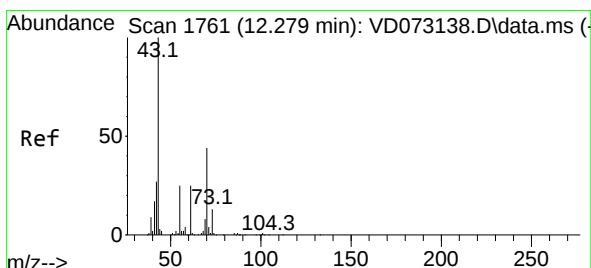
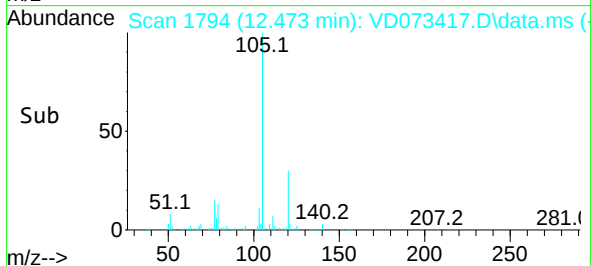
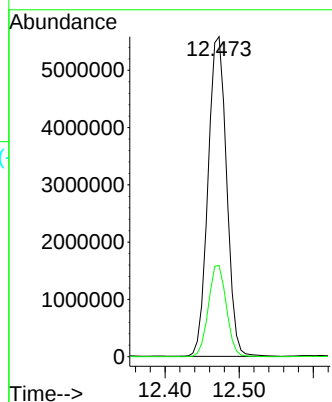
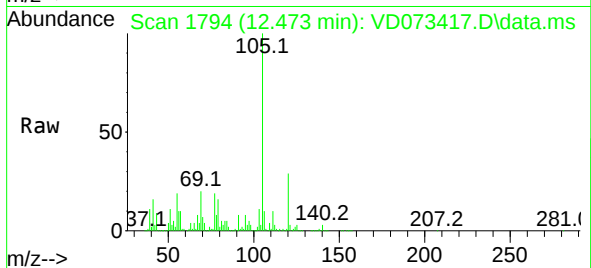
ClientSampleId :

Tgt Ion:105 Resp: 9707079

Ion Ratio Lower Upper

105 100

120 27.7 13.0 38.9



#74

N-ethyl acetate

Concen: 908.052 ug/l

RT: 12.261 min Scan# 1758

Delta R.T. -0.018 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Tgt Ion: 43 Resp: 6124892

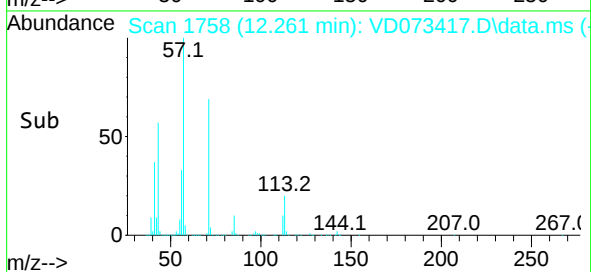
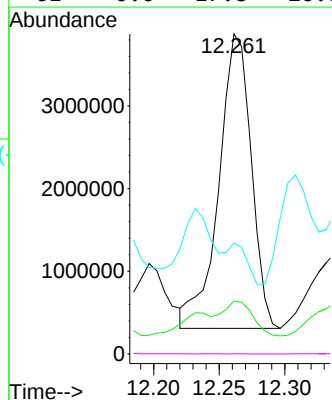
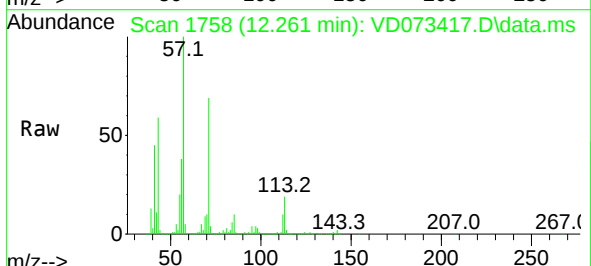
Ion Ratio Lower Upper

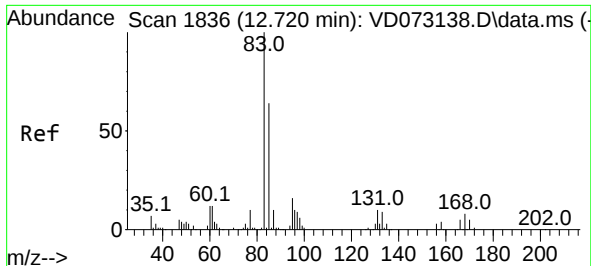
43 100

70 11.2 31.3 46.9#

55 0.0 20.0 30.0#

61 0.0 17.8 26.8#

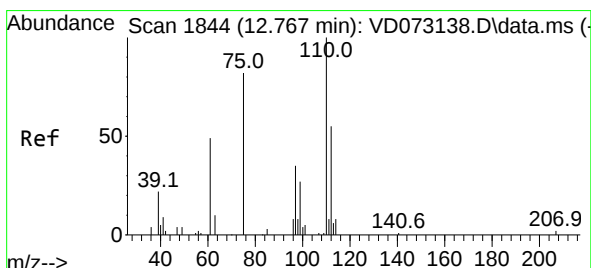
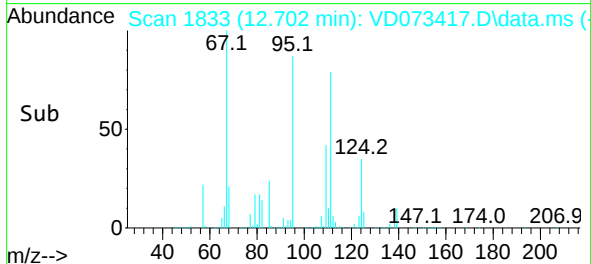
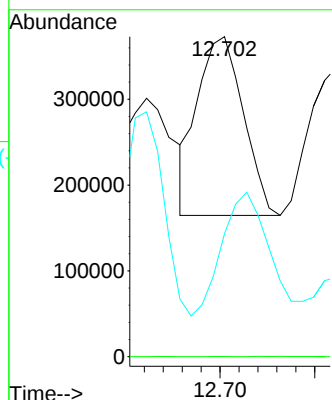
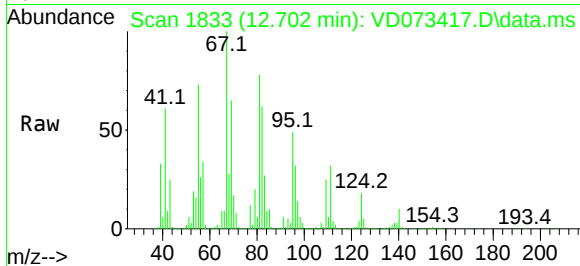




#75
1,1,2,2-Tetrachloroethane
Concen: 61.499 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

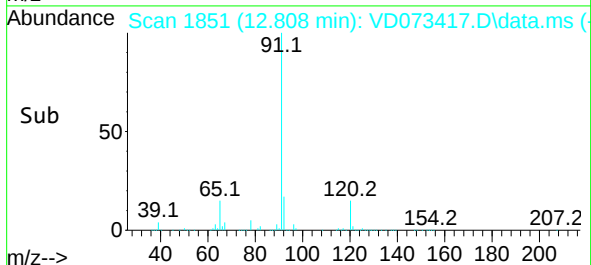
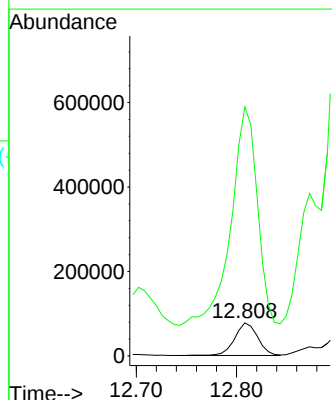
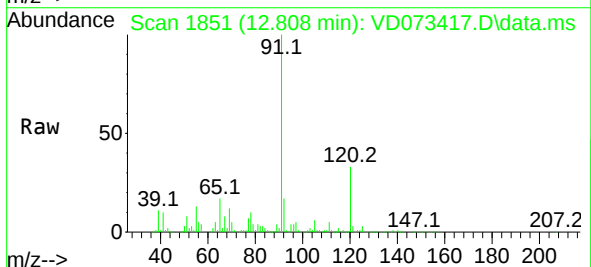
Instrument :
MSVOA_D
ClientSampleId :

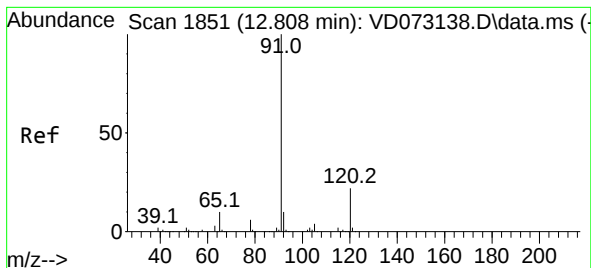
Tgt Ion: 83 Resp: 350696
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 28.870 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.041 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Tgt Ion: 75 Resp: 122856
Ion Ratio Lower Upper
75 100
77 768.5 0.0 0.0#





#78

n-propylbenzene

Concen: 415.231 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

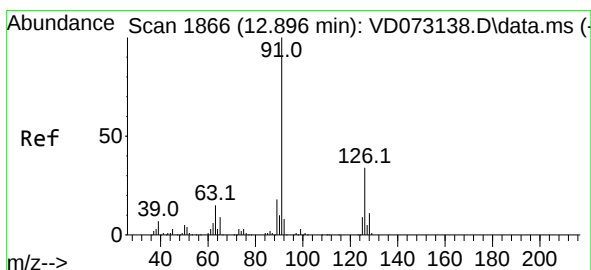
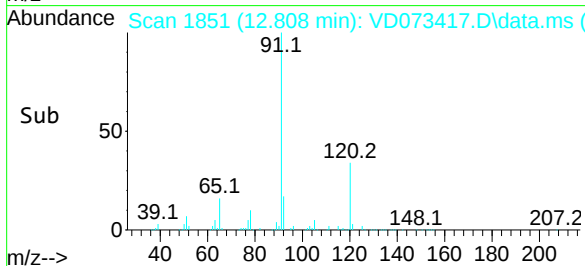
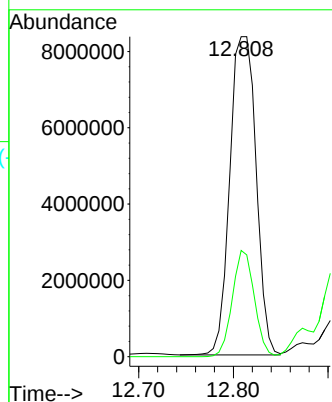
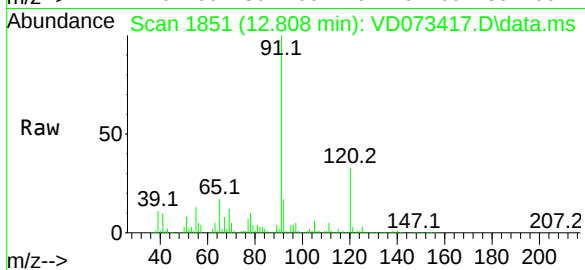
ClientSampleId :

Tgt Ion: 91 Resp:16117874

Ion Ratio Lower Upper

91 100

120 27.8 10.9 32.9



#79

2-Chlorotoluene

Concen: 84.207 ug/l

RT: 12.902 min Scan# 1867

Delta R.T. 0.006 min

Lab File: VD073417.D

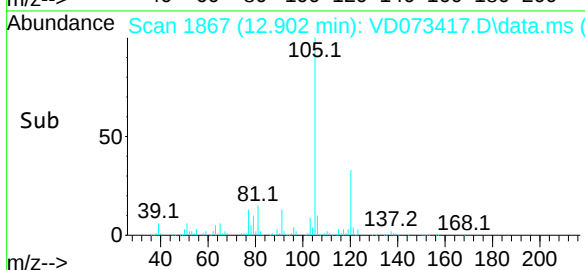
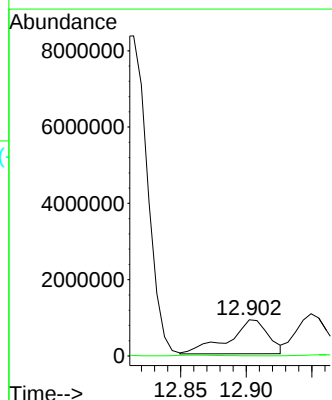
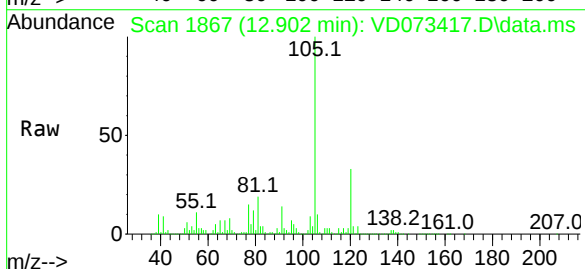
Acq: 27 May 2022 18:06

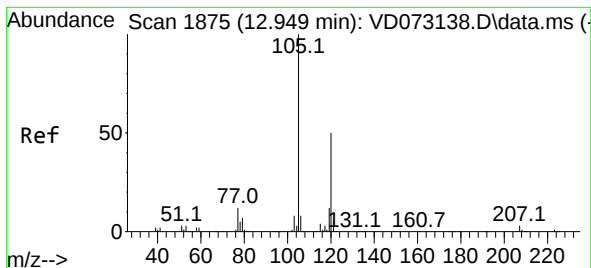
Tgt Ion: 91 Resp: 1887256

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#





#80

1,3,5-Trimethylbenzene

Concen: 512.919 ug/l

RT: 12.949 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

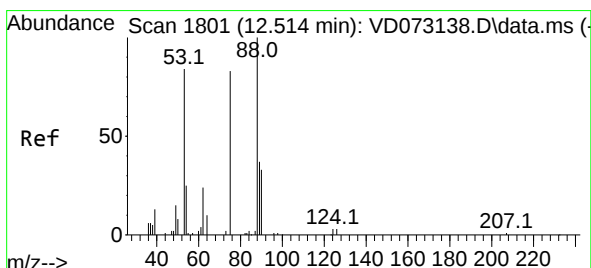
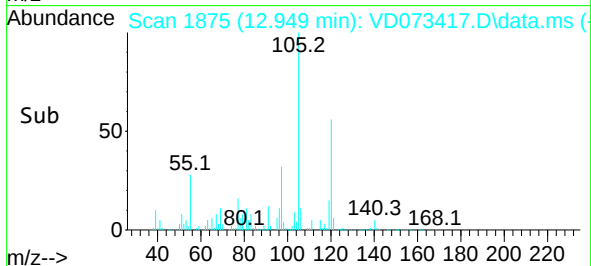
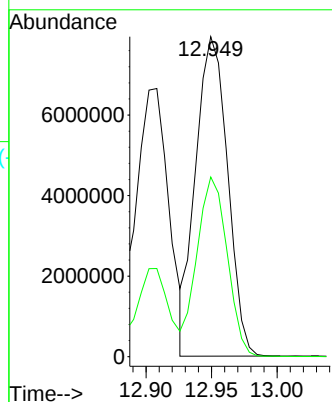
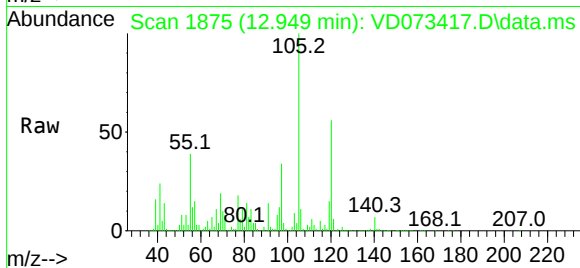
ClientSampleId :

Tgt Ion:105 Resp:13434238

Ion Ratio Lower Upper

105 100

120 53.5 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 66.741 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. -0.047 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

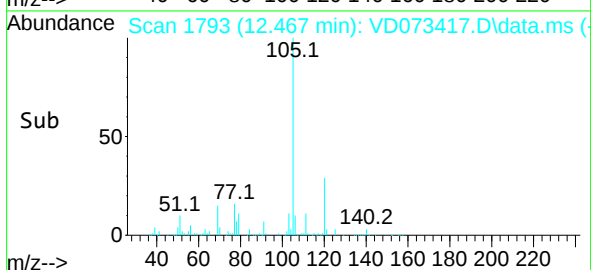
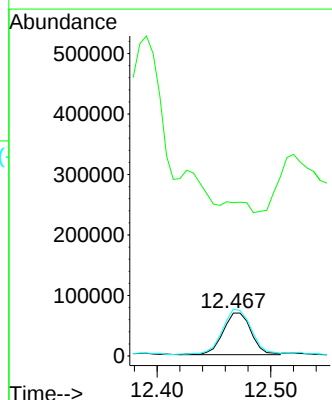
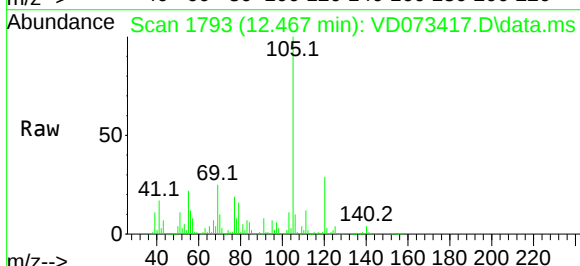
Tgt Ion: 75 Resp: 118306

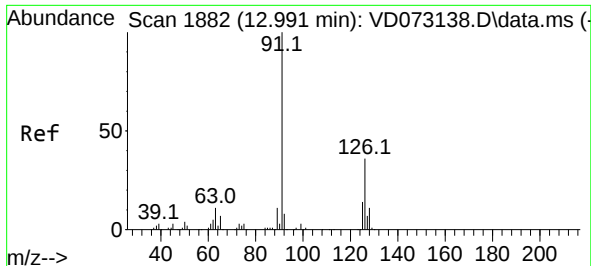
Ion Ratio Lower Upper

75 100

53 0.0 86.5 129.7#

89 112.0 33.9 50.9#

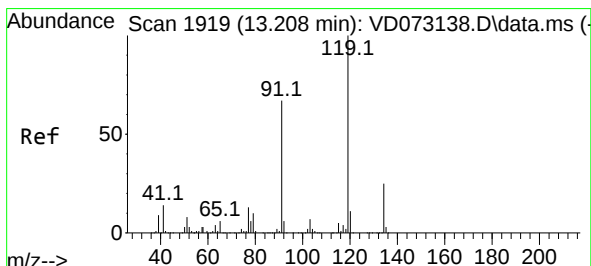
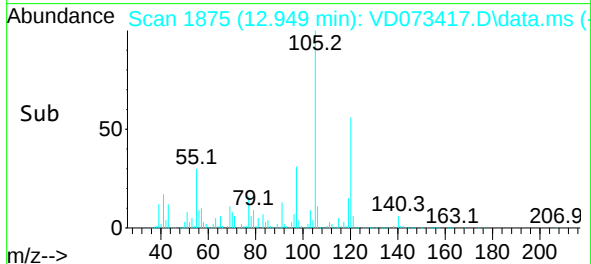
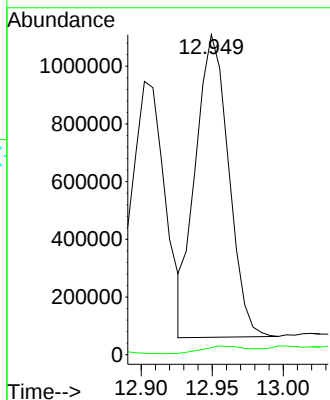
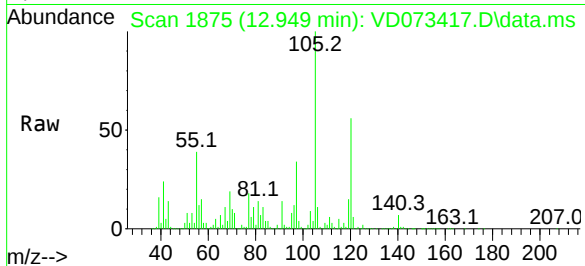




#82
4-Chlorotoluene
Concen: 72.347 ug/l
RT: 12.949 min Scan# 11
Delta R.T. -0.042 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

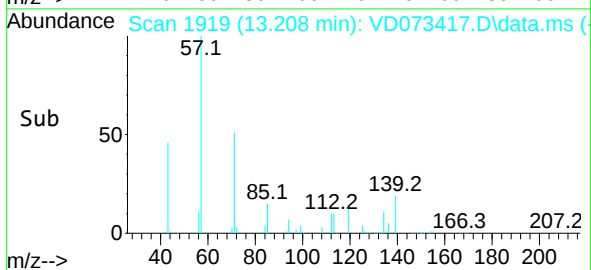
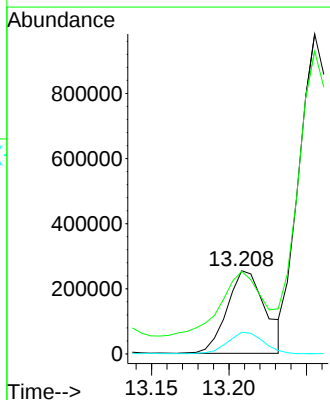
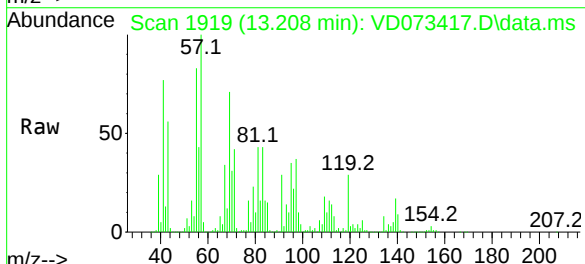
Instrument :
MSVOA_D
ClientSampleId :

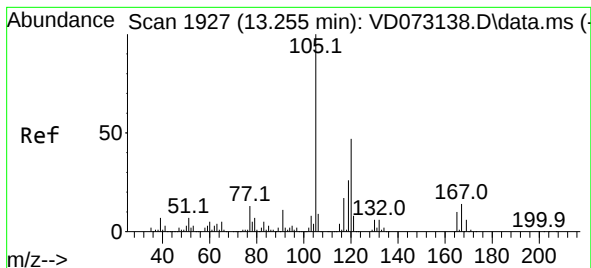
Tgt Ion: 91 Resp: 1699539
Ion Ratio Lower Upper
91 100
126 3.4 16.5 49.5#



#83
tert-Butylbenzene
Concen: 19.859 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Tgt Ion: 119 Resp: 438365
Ion Ratio Lower Upper
119 100
91 81.7 34.8 104.5
134 24.0 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 447.809 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

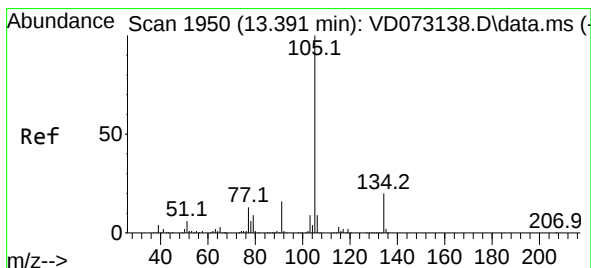
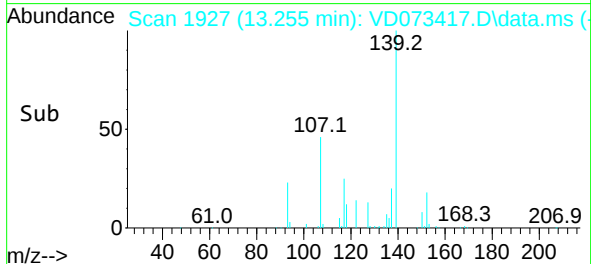
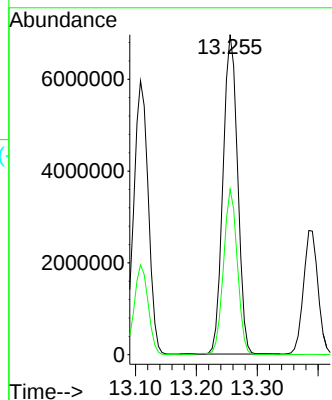
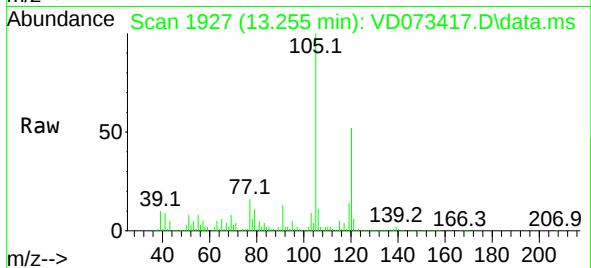
ClientSampleId :

Tgt Ion:105 Resp:11586913

Ion Ratio Lower Upper

105 100

120 49.3 22.3 66.8



#85

sec-Butylbenzene

Concen: 131.611 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.006 min

Lab File: VD073417.D

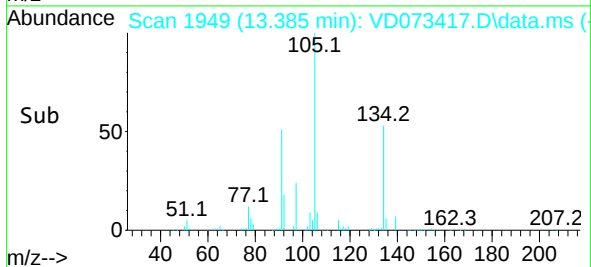
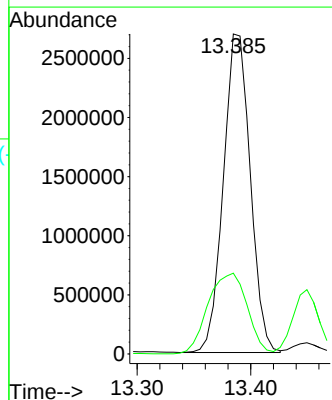
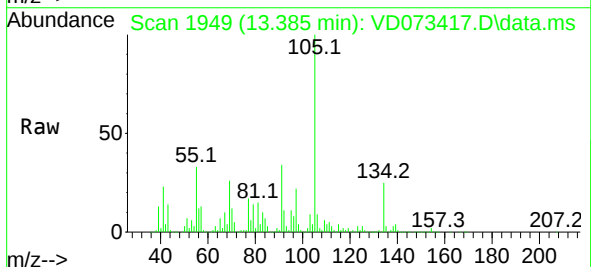
Acq: 27 May 2022 18:06

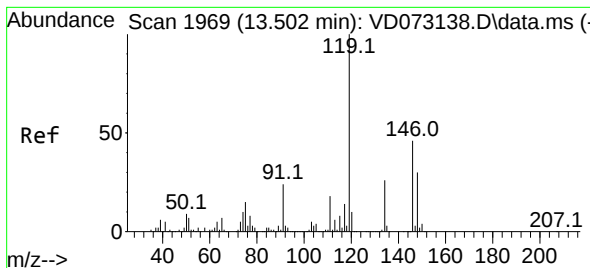
Tgt Ion:105 Resp: 4435997

Ion Ratio Lower Upper

105 100

134 36.8 9.8 29.3#

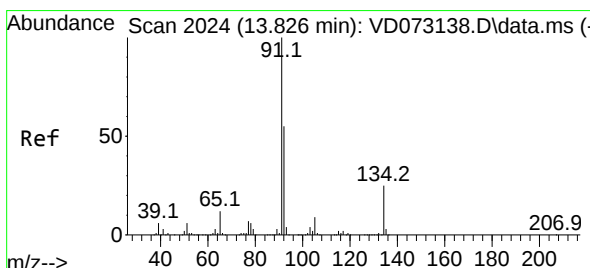
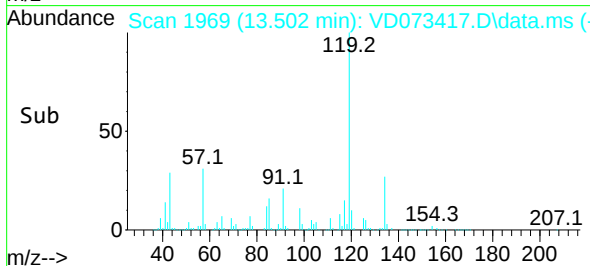
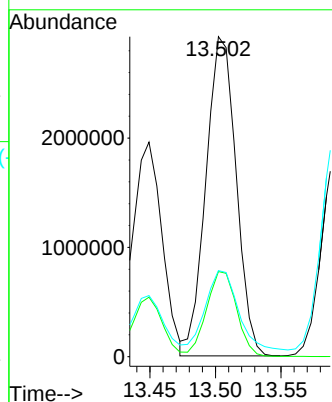
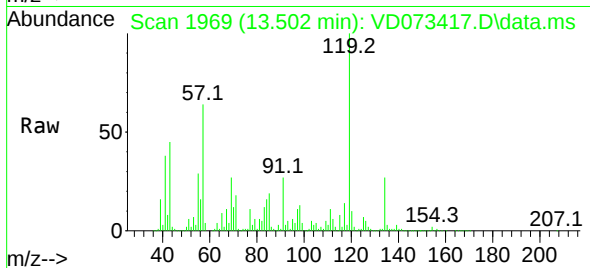




#86
p-Isopropyltoluene
Concen: 170.382 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

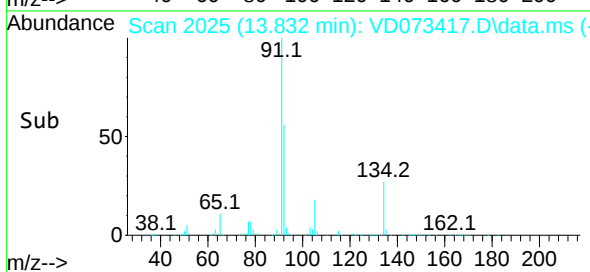
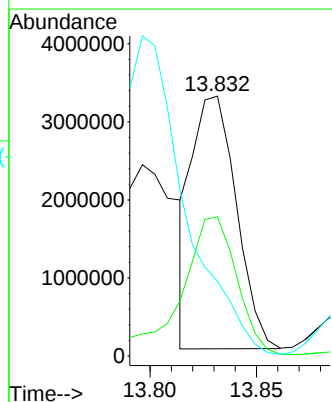
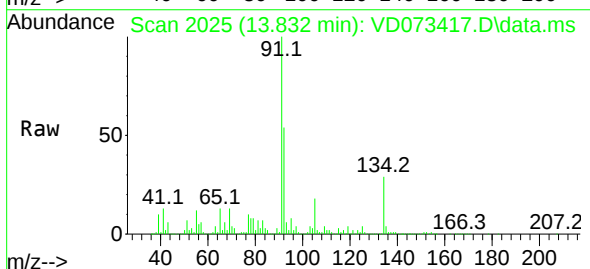
Instrument :
MSVOA_D
ClientSampleId :

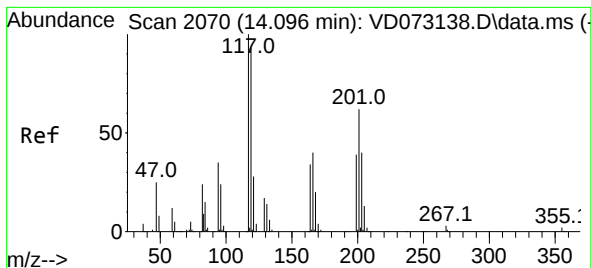
Tgt Ion:119 Resp: 4681323
Ion Ratio Lower Upper
119 100
134 26.5 12.9 38.6
91 26.7 12.1 36.3



#89
n-Butylbenzene
Concen: 178.308 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Tgt Ion: 91 Resp: 4667928
Ion Ratio Lower Upper
91 100
92 69.3 26.6 79.8
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 375.213 ug/l

RT: 14.102 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

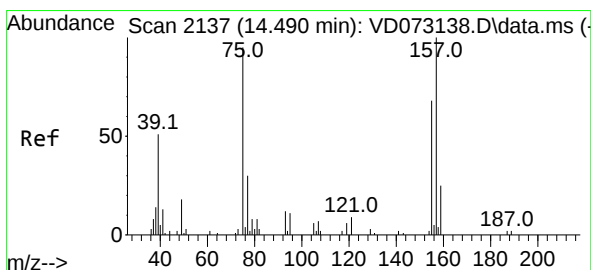
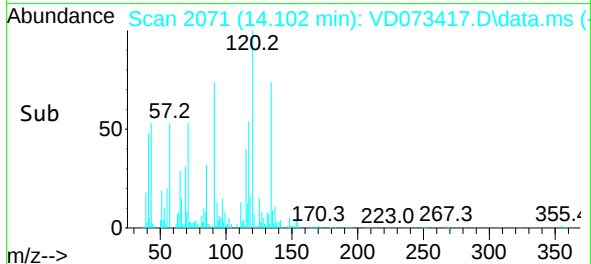
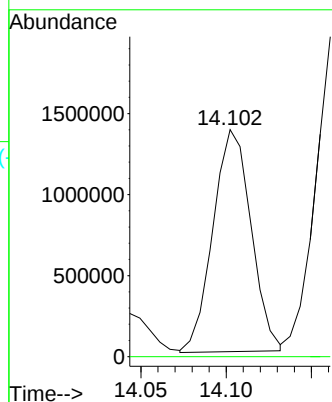
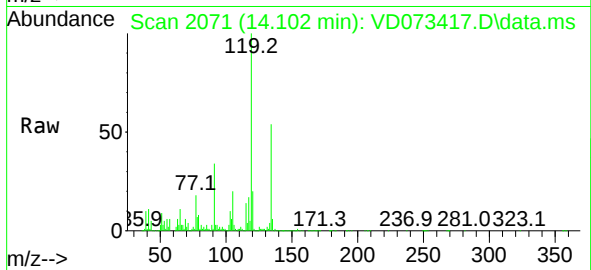
ClientSampleId :

Tgt Ion:117 Resp: 2133123

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.194 ug/l

RT: 14.467 min Scan# 2133

Delta R.T. -0.023 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

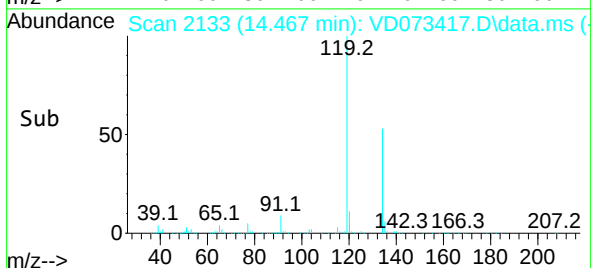
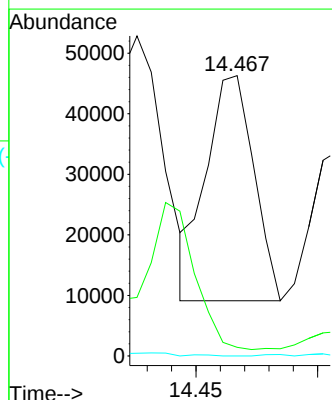
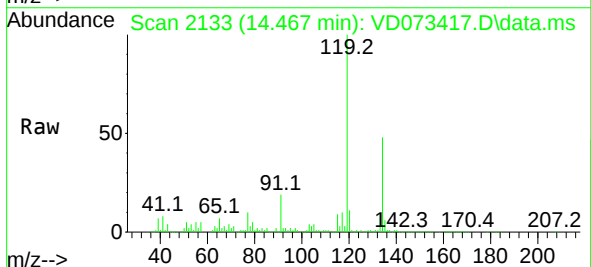
Tgt Ion: 75 Resp: 50819

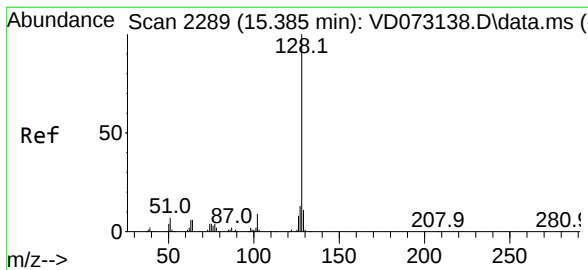
Ion Ratio Lower Upper

75 100

155 0.0 36.8 110.3#

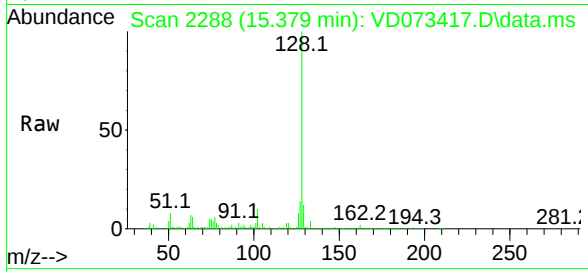
157 0.3 48.4 145.0#





#95
Naphthalene
Concen: 639.587 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 9715538
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.6 8.4 12.6

