

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073419.D
 Acq On : 27 May 2022 19:04
 Operator : VA/SY
 Sample : N3075-03
 Misc : 6.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:47:16 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	475890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	806687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	799795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	396591	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	225121	42.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.600%
35) Dibromofluoromethane	7.908	113	217067	40.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.560%
50) Toluene-d8	10.332	98	1268222	64.632	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.260%
62) 4-Bromofluorobenzene	12.620	95	440552	63.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.960%

Target Compounds				Qvalue		
5) Bromomethane	2.779	94	1135	Below Cal	#	58
11) Tert butyl alcohol	5.191	59	21766	26.675	ug/l #	74
13) Acrolein	3.873	56	120882	384.699	ug/l #	1
14) Allyl chloride	4.803	41	338568	43.857	ug/l #	78
15) Acrylonitrile	5.485	53	133122	121.859	ug/l #	40
16) Acetone	4.132	43	219416	240.863	ug/l #	61
18) Methyl Acetate	4.791	43	226758	89.518	ug/l #	56
20) Methylene Chloride	4.956	84	18934	Below Cal	#	1
23) Vinyl Acetate	6.267	43	46736	5.414	ug/l #	83
25) 2-Butanone	7.197	43	63810	47.878	ug/l #	55
29) Tetrahydrofuran	7.561	42	14812	17.187	ug/l #	38
30) Chloroform	7.726	83	38286	3.530	ug/l #	69
31) Cyclohexane	7.979	56	4748432	516.658	ug/l	95
36) 1,1-Dichloropropene	7.967	75	44618	5.573	ug/l #	1
37) Ethyl Acetate	7.197	43	63810	20.179	ug/l #	80
38) Carbon Tetrachloride	7.973	117	48348	5.958	ug/l #	16
39) Methylcyclohexane	9.349	83	8318797	932.382	ug/l	98
40) Benzene	8.344	78	1931683	83.722	ug/l	100
41) Methacrylonitrile	7.555	41	157632	85.557	ug/l #	56
42) 1,2-Dichloroethane	8.455	62	10720	1.670	ug/l #	1
43) Isopropyl Acetate	8.444	43	423325	72.425	ug/l #	55
45) 1,2-Dichloropropane	9.349	63	89223	15.355	ug/l #	1
46) Dibromomethane	9.420	93	5589	1.751	ug/l #	1
47) Bromodichloromethane	9.638	83	409801	50.187	ug/l #	25
48) Methyl methacrylate	9.532	41	699617	237.910	ug/l #	53
49) 1,4-Dioxane	9.344	88	54	1.639	ug/l #	1
51) 4-Methyl-2-Pentanone	10.326	43	200722	66.119	ug/l #	49
52) Toluene	10.396	92	203015	13.924	ug/l	97
55) 1,1,2-Trichloroethane	10.767	97	780738	180.916	ug/l #	20
56) Ethyl methacrylate	10.673	69	303286	63.209	ug/l #	19
58) 2-Chloroethyl Vinyl ether	9.914	63	8858	25.171	ug/l #	48
59) 2-Hexanone	10.943	43	1016759	508.015	ug/l #	32
67) Ethyl Benzene	11.738	91	2815630	97.755	ug/l	99
68) m/p-Xylenes	11.843	106	1322708	118.201	ug/l	100
69) o-Xylene	12.167	106	137857	13.410	ug/l	97
73) Isopropylbenzene	12.467	105	374238	13.237	ug/l	99

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

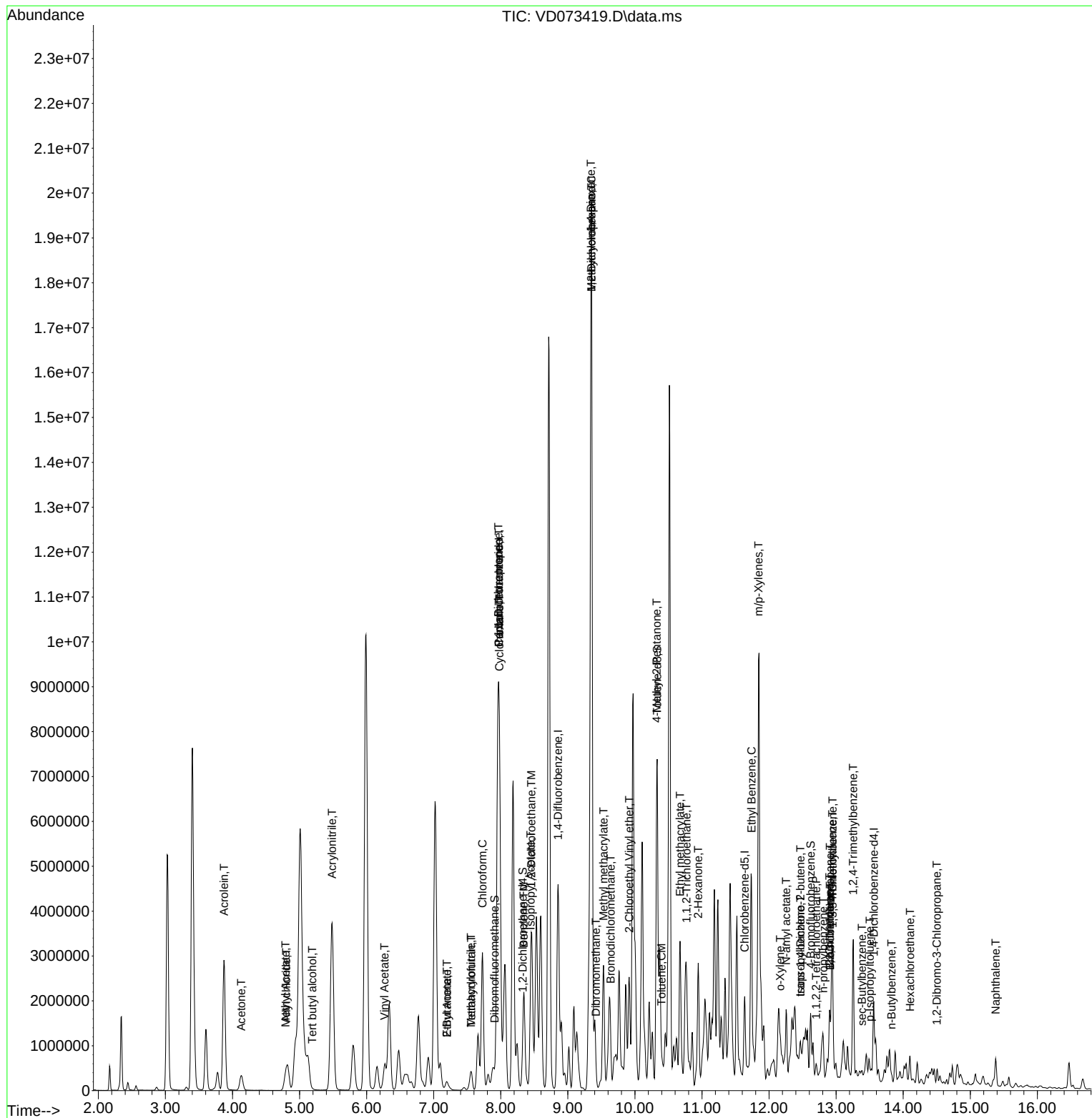
74) N-amyl acetate	12.255	43	325716	52.809	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.702	83	15236	2.922	ug/l #	89
76) 1,2,3-Trichloropropane	12.908	75	10249	2.634	ug/l #	100
77) Bromobenzene	12.908	156	19555	2.938	ug/l #	1
78) n-propylbenzene	12.808	91	684500	19.285	ug/l	99
79) 2-Chlorotoluene	12.902	91	122383	5.972	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.949	105	696745	29.092	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.467	75	6337	3.910	ug/l #	3
82) 4-Chlorotoluene	12.943	91	79655	3.708	ug/l #	47
84) 1,2,4-Trimethylbenzene	13.255	105	1738692	73.487	ug/l	98
85) sec-Butylbenzene	13.384	105	88383	2.868	ug/l #	59
86) p-Isopropyltoluene	13.502	119	96971	3.860	ug/l	95
89) n-Butylbenzene	13.826	91	89221	3.727	ug/l #	74
90) Hexachloroethane	14.102	117	30447	5.857	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.502	75	911	1.141	ug/l #	11
95) Naphthalene	15.379	128	525456	41.161	ug/l	99

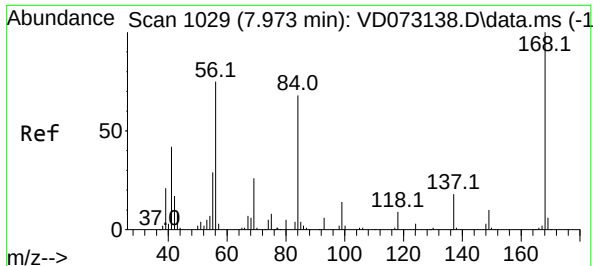
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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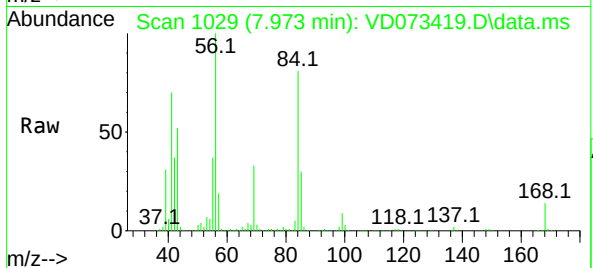
Quant Time: May 28 09:47:16 2022
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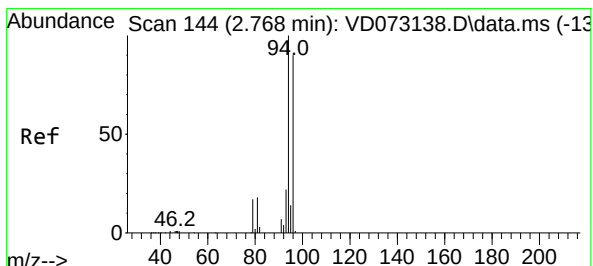
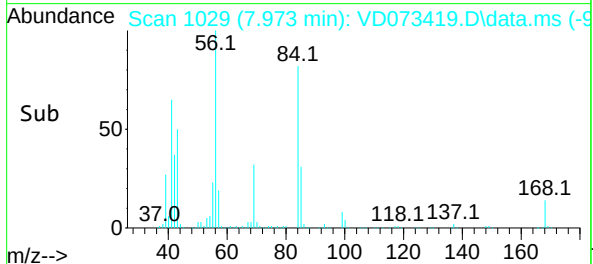
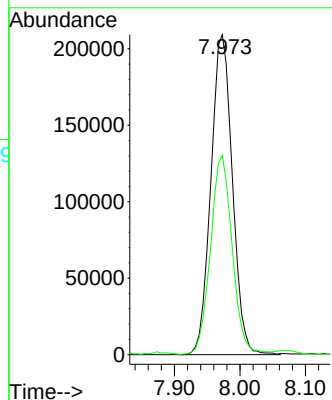


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Instrument :
MSVOA_D
ClientSampleId :

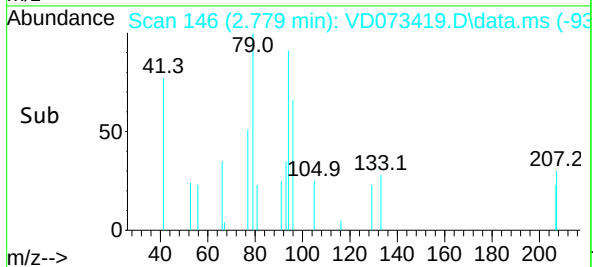
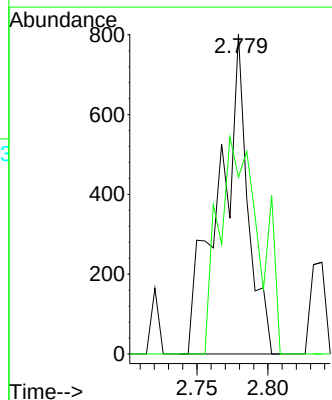
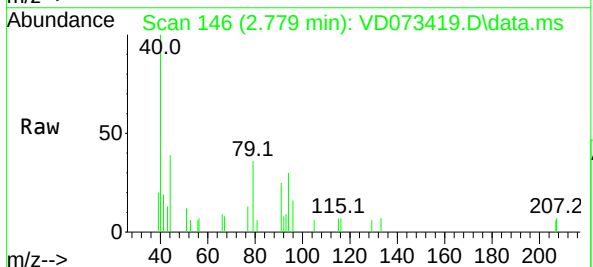


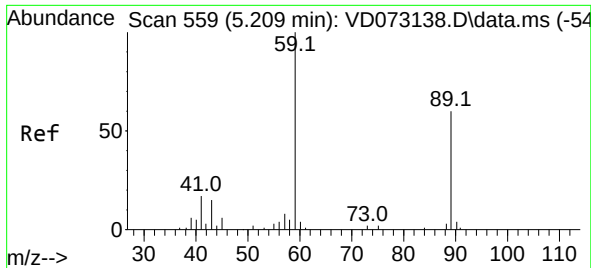
Tgt Ion:168 Resp: 475890
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

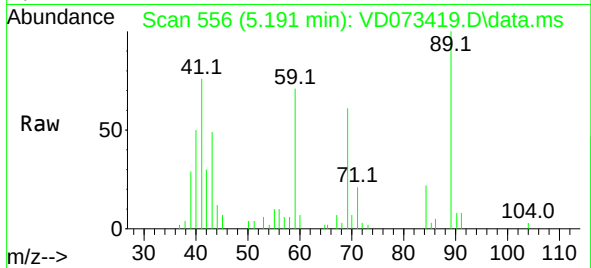
Tgt Ion: 94 Resp: 1135
Ion Ratio Lower Upper
94 100
96 55.2 77.6 116.4#



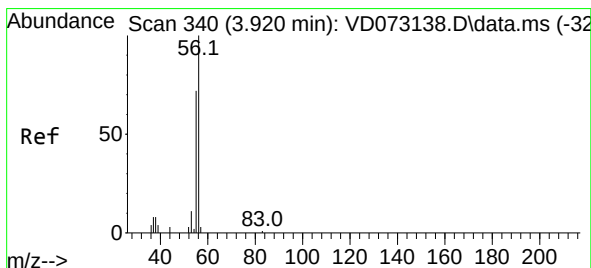
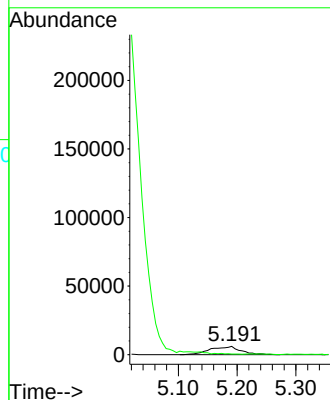
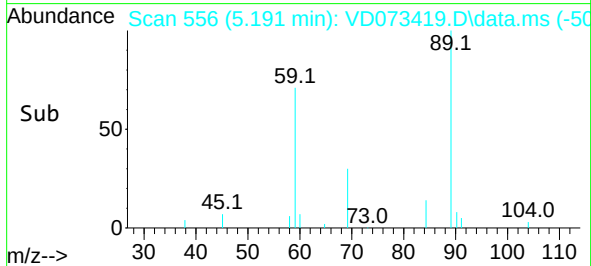


#11
Tert butyl alcohol
Concen: 26.675 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

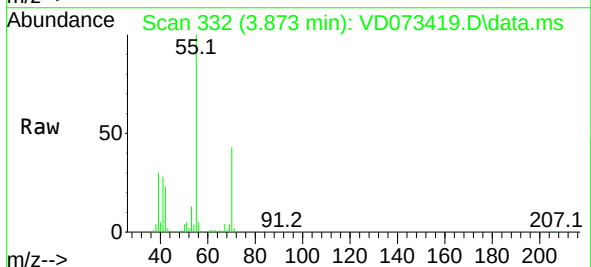
Instrument :
MSVOA_D
ClientSampleId :



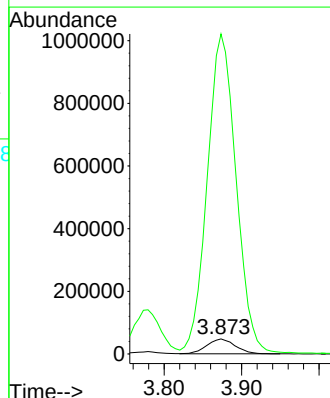
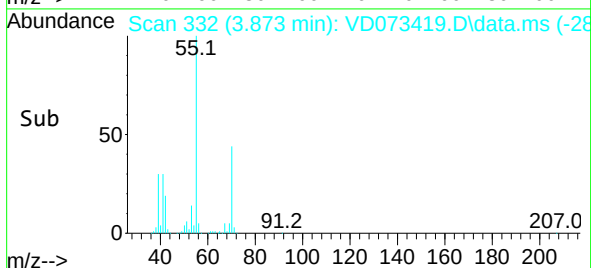
Tgt Ion: 59 Resp: 21766
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

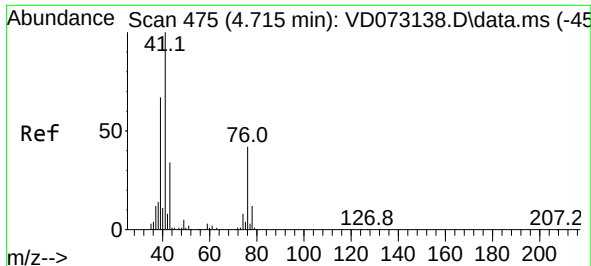


#13
Acrolein
Concen: 384.699 ug/l
RT: 3.873 min Scan# 332
Delta R.T. -0.047 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04



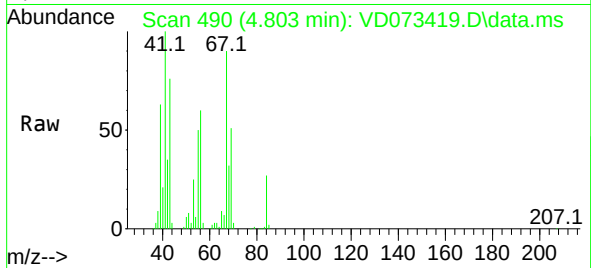
Tgt Ion: 56 Resp: 120882
Ion Ratio Lower Upper
56 100
55 2186.0 57.1 85.7#



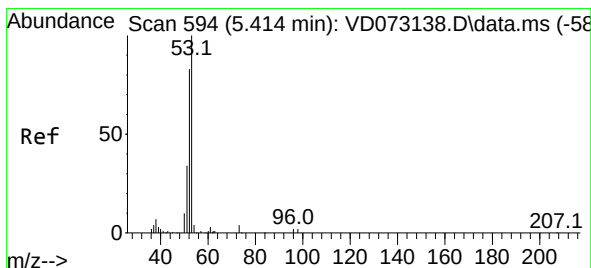
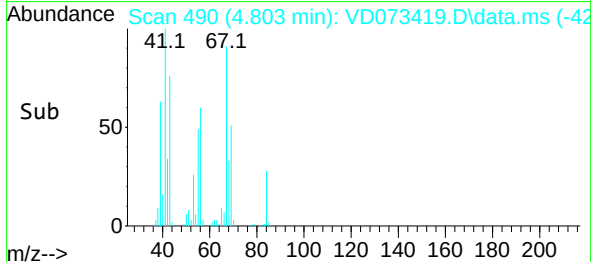
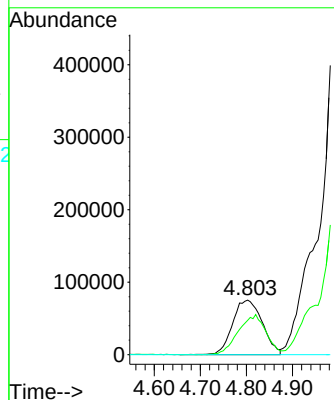


#14
 Allyl chloride
 Concen: 43.857 ug/l
 RT: 4.803 min Scan# 490
 Delta R.T. 0.088 min
 Lab File: VD073419.D
 Acq: 27 May 2022 19:04

Instrument :
 MSVOA_D
 ClientSampleId :

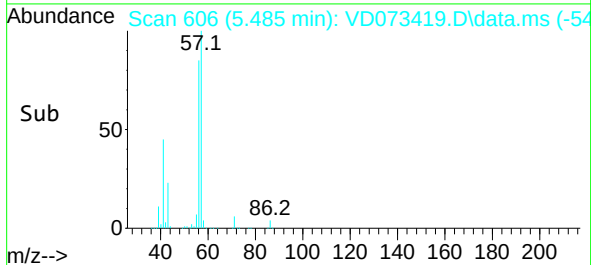
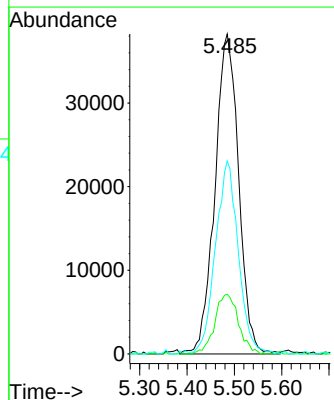
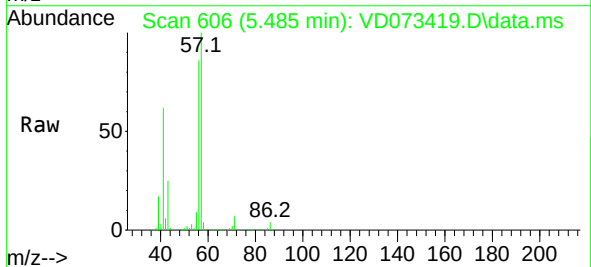


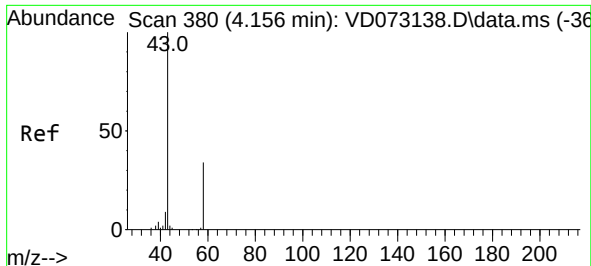
Tgt Ion: 41 Resp: 338568
 Ion Ratio Lower Upper
 41 100
 39 68.7 59.3 88.9
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 121.859 ug/l
 RT: 5.485 min Scan# 606
 Delta R.T. 0.071 min
 Lab File: VD073419.D
 Acq: 27 May 2022 19:04

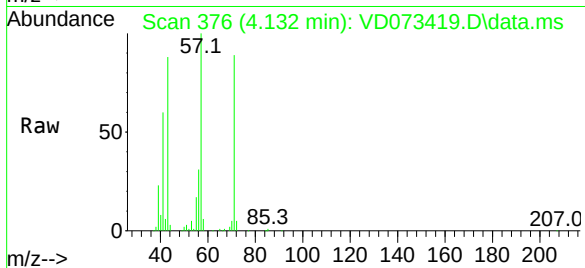
Tgt Ion: 53 Resp: 133122
 Ion Ratio Lower Upper
 53 100
 52 18.6 67.2 100.8#
 51 58.1 30.3 45.5#



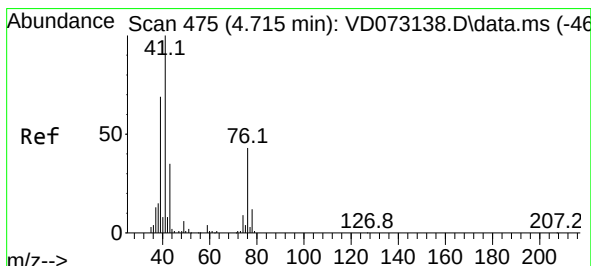
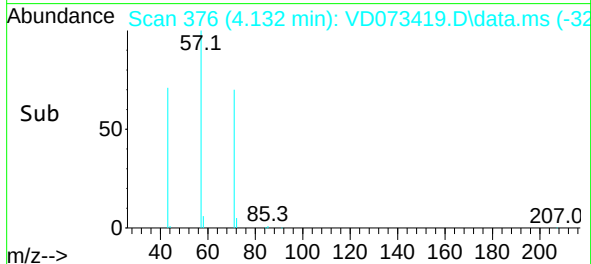
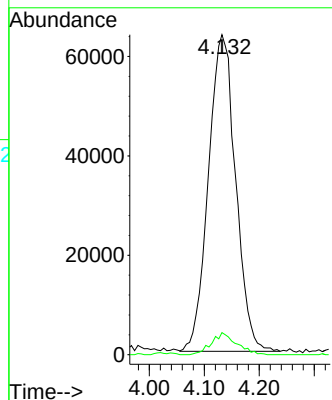


#16
Acetone
Concen: 240.863 ug/l
RT: 4.132 min Scan# 31
Delta R.T. -0.024 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Instrument :
MSVOA_D
ClientSampleId :

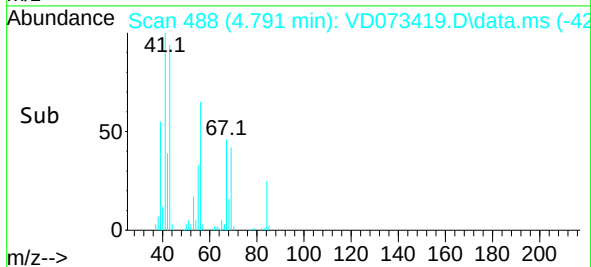
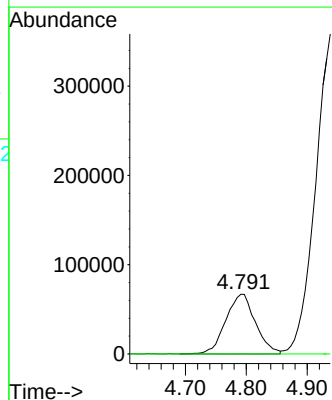
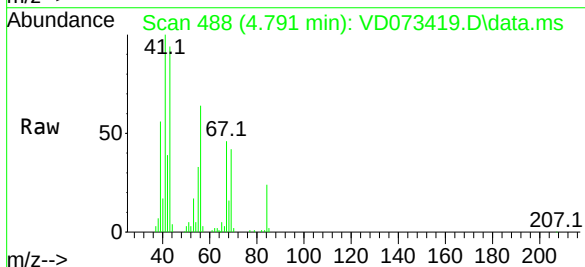


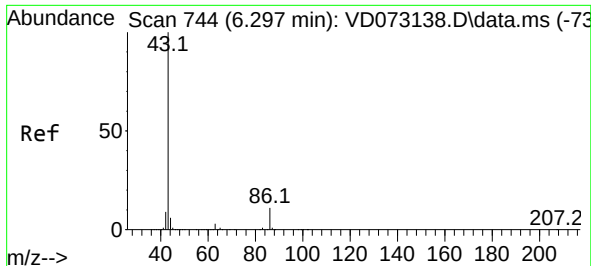
Tgt Ion: 43 Resp: 219416
Ion Ratio Lower Upper
43 100
58 7.0 22.1 33.1#



#18
Methyl Acetate
Concen: 89.518 ug/l
RT: 4.791 min Scan# 488
Delta R.T. 0.076 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Tgt Ion: 43 Resp: 226758
Ion Ratio Lower Upper
43 100
74 0.1 16.7 25.1#

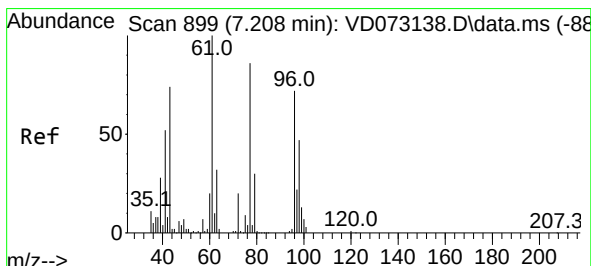
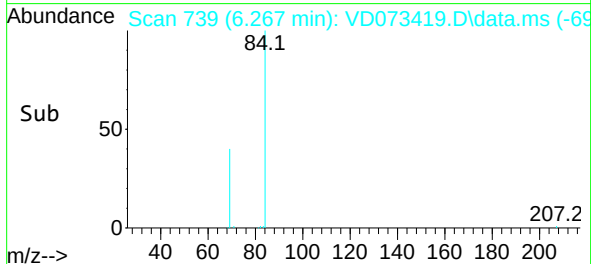
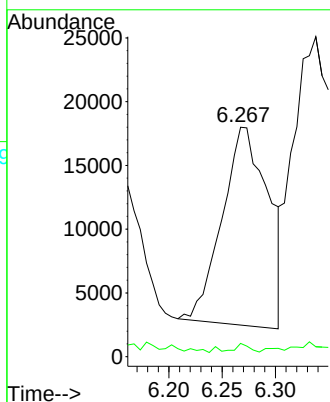
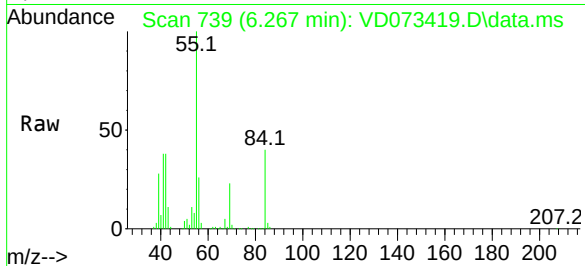




#23
 Vinyl Acetate
 Concen: 5.414 ug/l
 RT: 6.267 min Scan# 71
 Delta R.T. -0.030 min
 Lab File: VD073419.D
 Acq: 27 May 2022 19:04

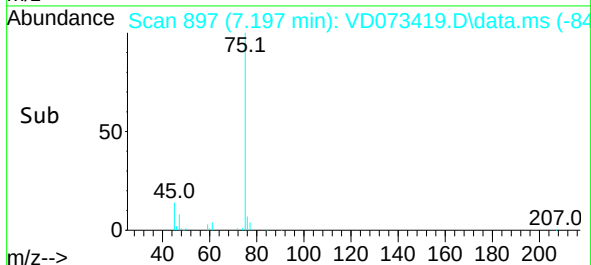
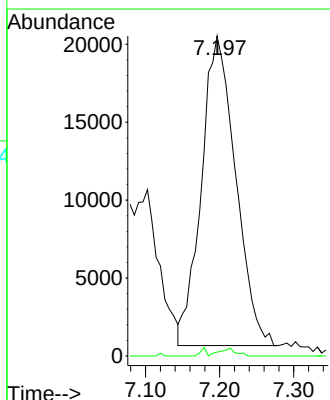
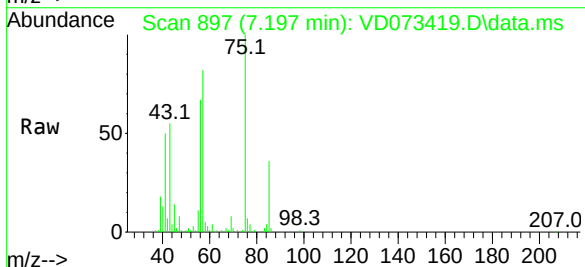
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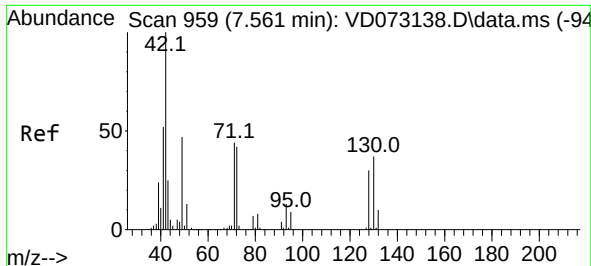
Tgt Ion: 43 Resp: 46736
 Ion Ratio Lower Upper
 43 100
 86 2.8 7.1 10.7#



#25
 2-Butanone
 Concen: 47.878 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.011 min
 Lab File: VD073419.D
 Acq: 27 May 2022 19:04

Tgt Ion: 43 Resp: 63810
 Ion Ratio Lower Upper
 43 100
 72 1.2 18.6 27.8#





#29

Tetrahydrofuran

Concen: 17.187 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073419.D

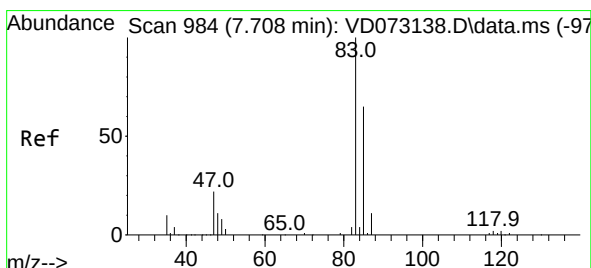
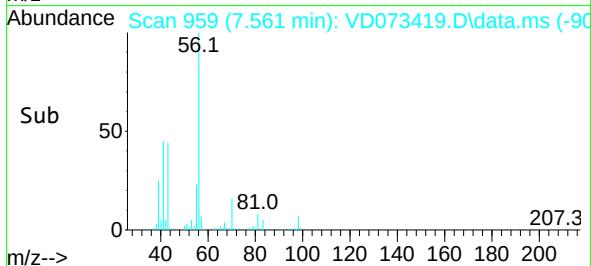
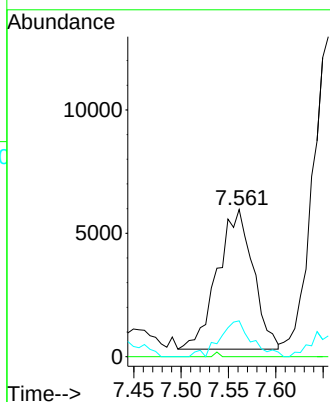
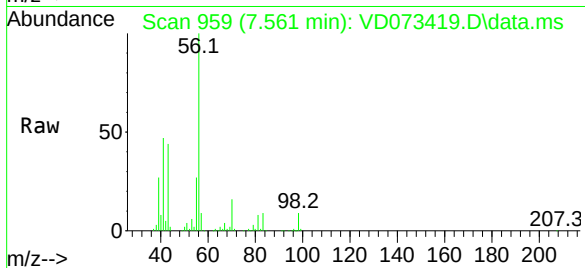
Acq: 27 May 2022 19:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	14812
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#30

Chloroform

Concen: 3.530 ug/l

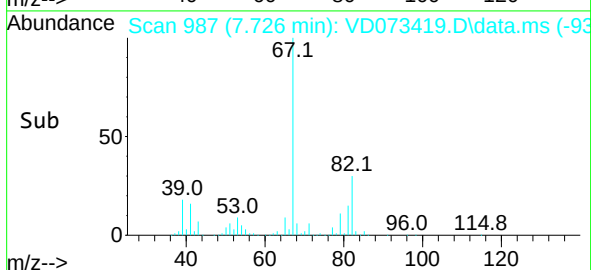
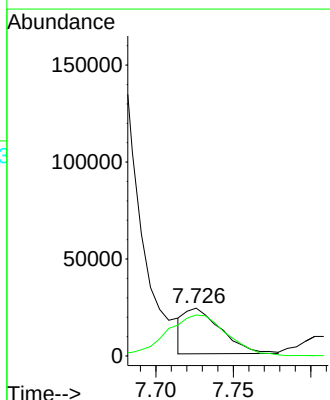
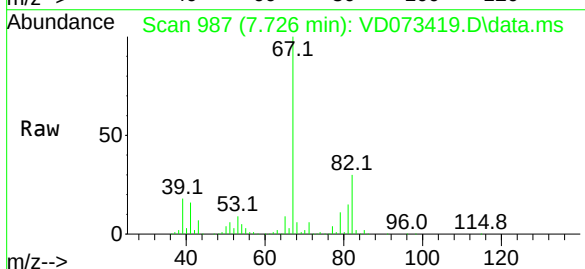
RT: 7.726 min Scan# 987

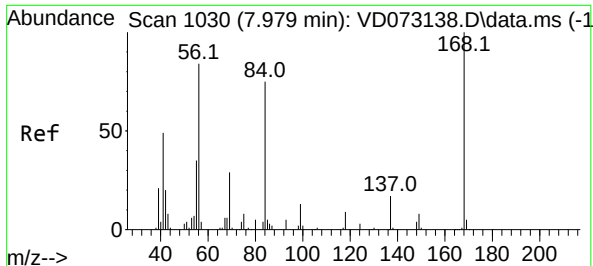
Delta R.T. 0.018 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

Tgt Ion:	83	Resp:	38286
Ion	Ratio	Lower	Upper
83	100		
85	90.2	52.7	79.1#





#31

Cyclohexane

Concen: 516.658 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

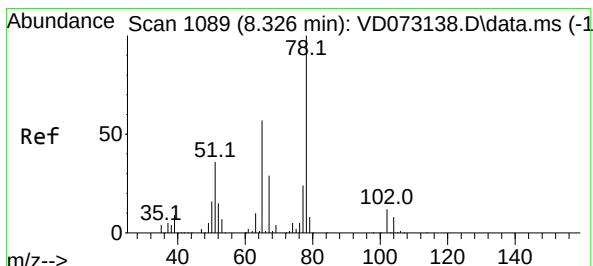
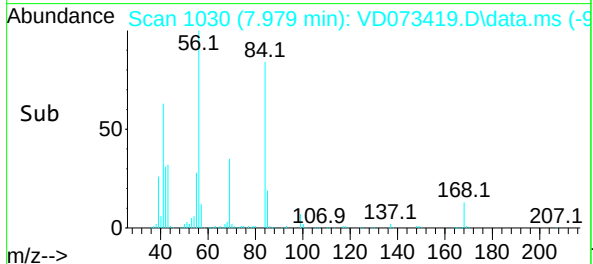
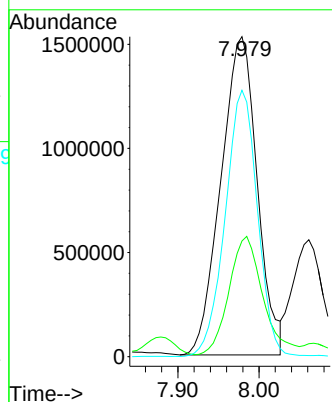
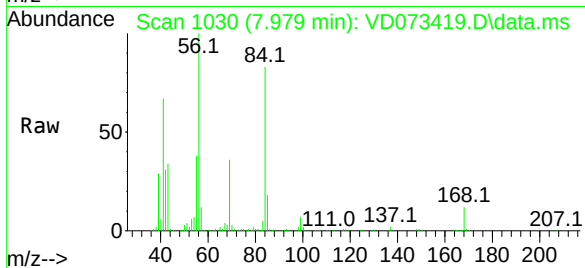
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 56 Resp: 4748432

Ion	Ratio	Lower	Upper
56	100		
69	34.0	25.4	38.2
84	83.6	63.0	94.4



#33

1,2-Dichloroethane-d4

Concen: 42.805 ug/l

RT: 8.326 min Scan# 1089

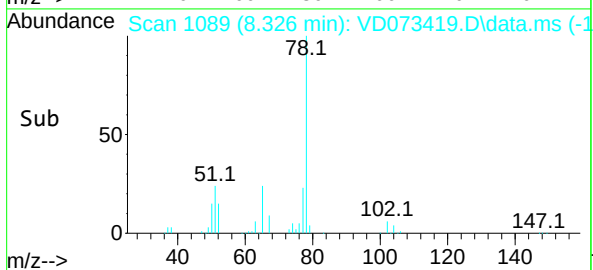
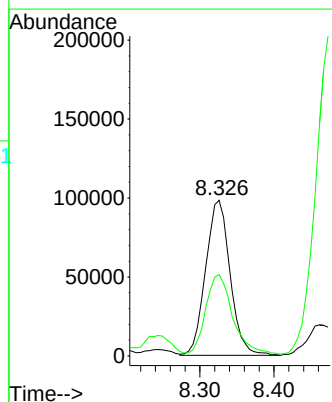
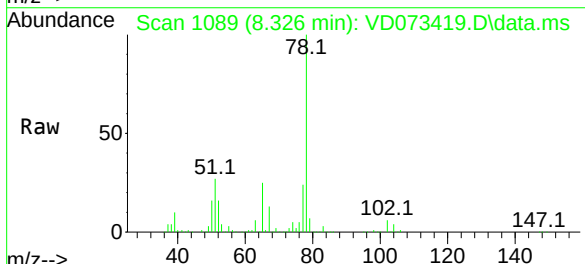
Delta R.T. -0.000 min

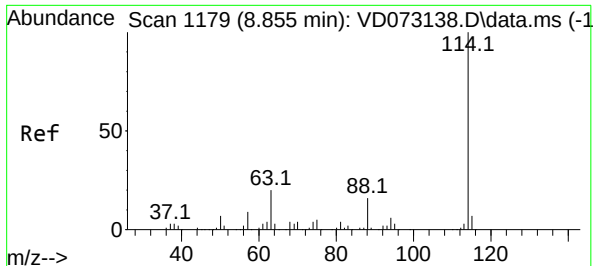
Lab File: VD073419.D

Acq: 27 May 2022 19:04

Tgt Ion: 65 Resp: 225121

Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

Instrument :

MSVOA_D

ClientSampleId :

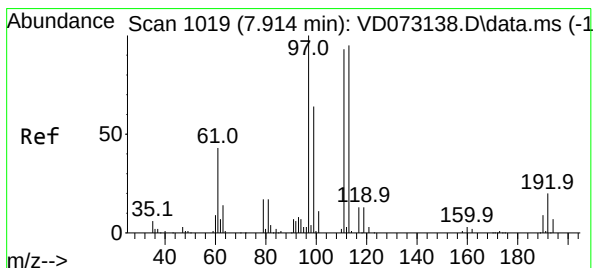
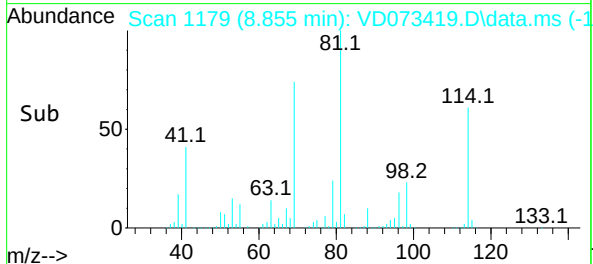
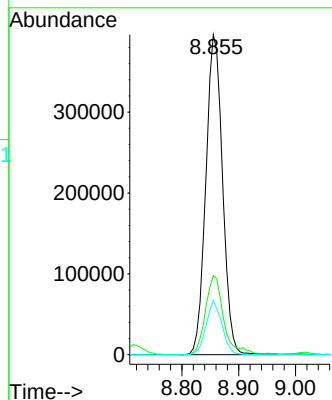
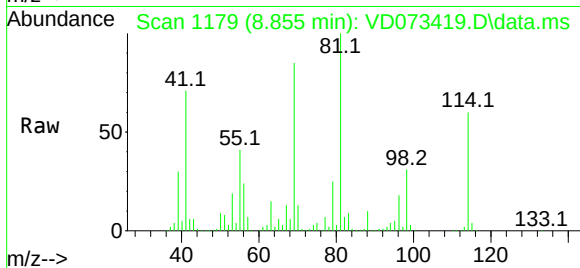
Tgt Ion:114 Resp: 806687

Ion Ratio Lower Upper

114 100

63 24.7 0.0 46.6

88 17.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 40.779 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

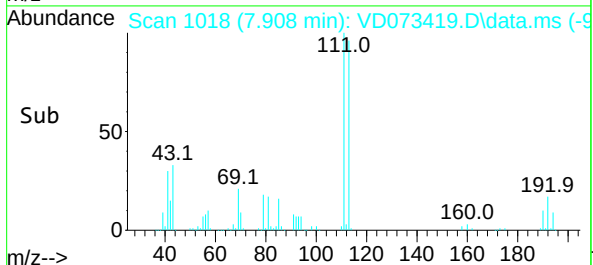
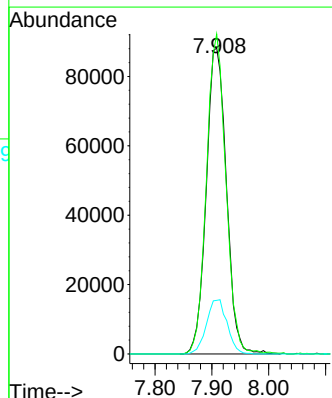
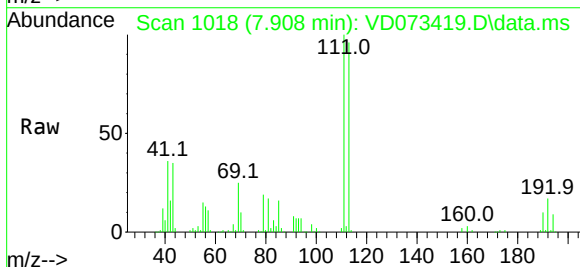
Tgt Ion:113 Resp: 217067

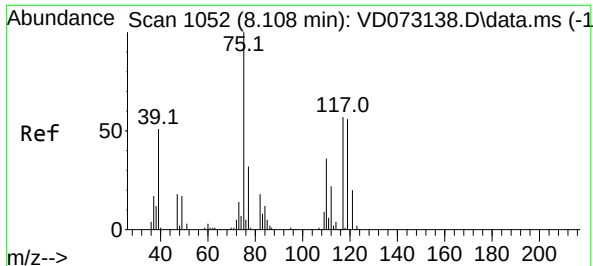
Ion Ratio Lower Upper

113 100

111 100.7 83.8 125.6

192 18.2 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.573 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

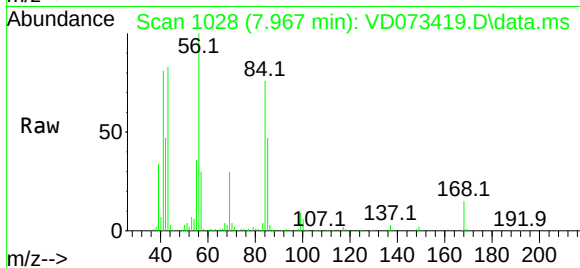
Lab File: VD073419.D

Acq: 27 May 2022 19:04

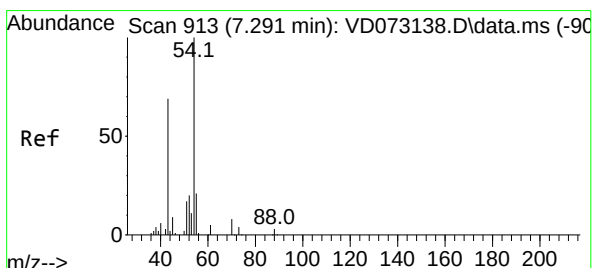
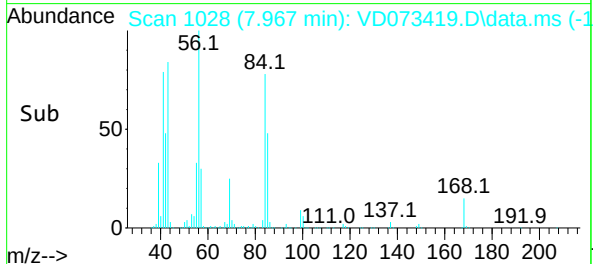
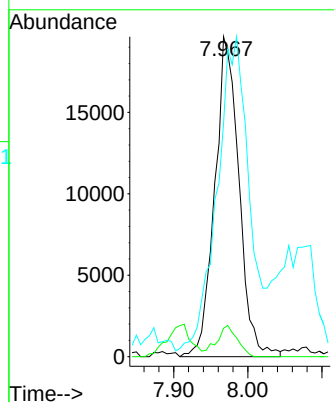
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	44618
Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.4	49.1#
77	129.6	24.2	36.2#



#37

Ethyl Acetate

Concen: 20.179 ug/l

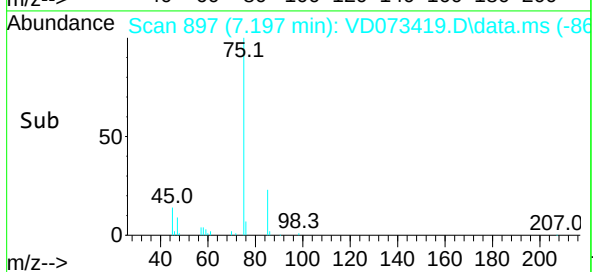
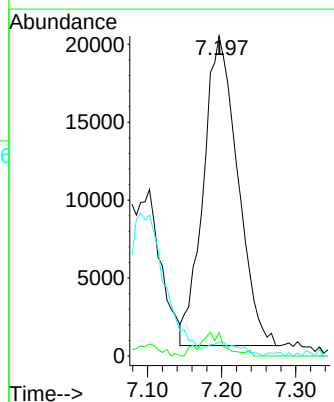
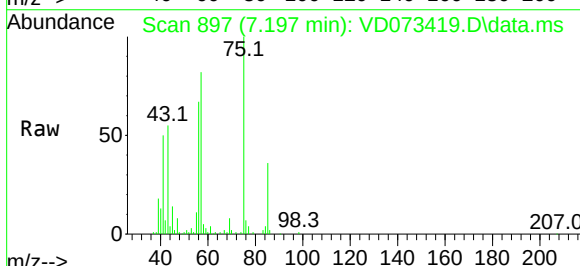
RT: 7.197 min Scan# 897

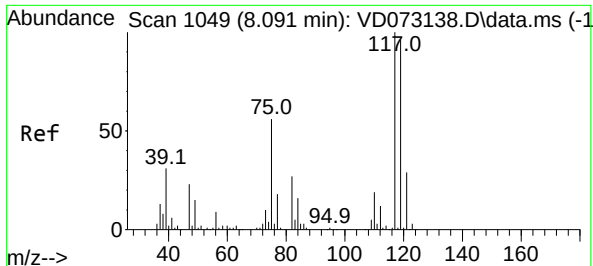
Delta R.T. -0.094 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

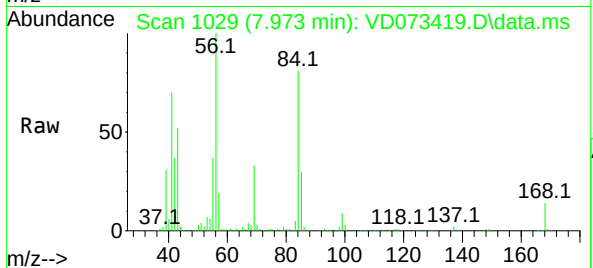
Tgt Ion:	43	Resp:	63810
Ion	Ratio	Lower	Upper
43	100		
61	5.6	9.8	14.8#
70	0.0	6.9	10.3#



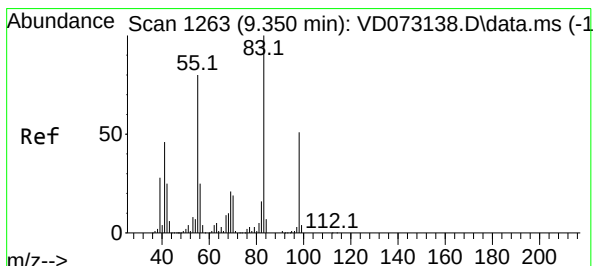
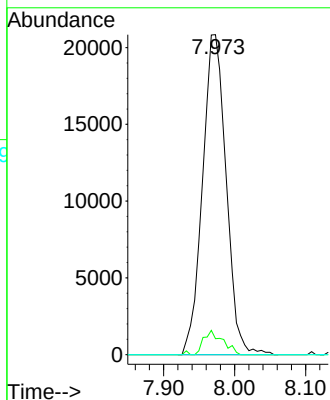
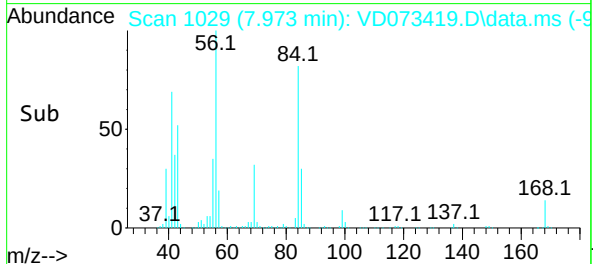


#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

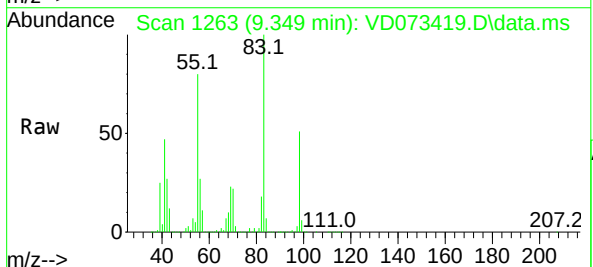
Instrument :
MSVOA_D
ClientSampleId :



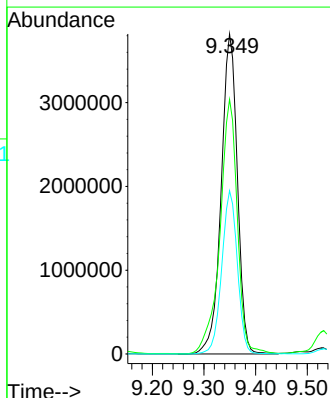
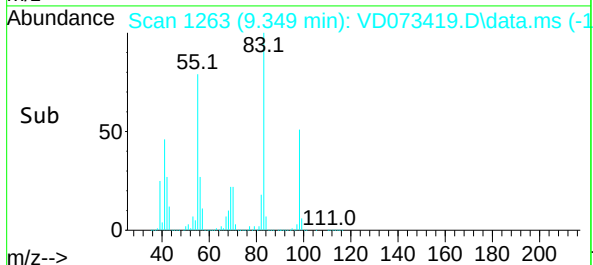
Tgt Ion:117 Resp: 48348
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#

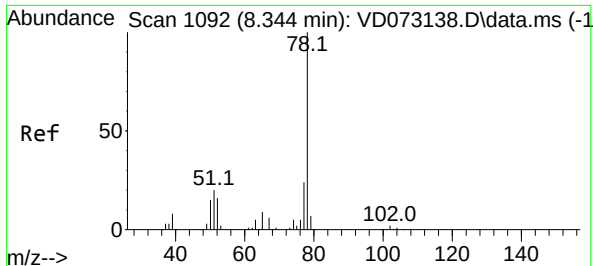


#39
Methylcyclohexane
Concen: 932.382 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.001 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04



Tgt Ion: 83 Resp: 8318797
Ion Ratio Lower Upper
83 100
55 79.5 63.2 94.8
98 51.0 38.2 57.4

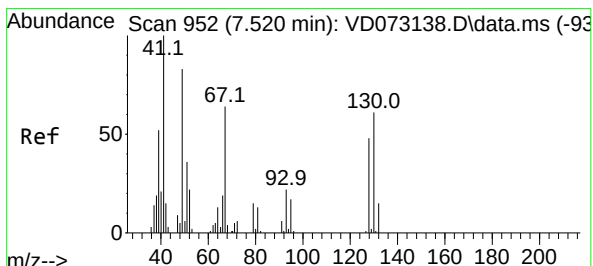
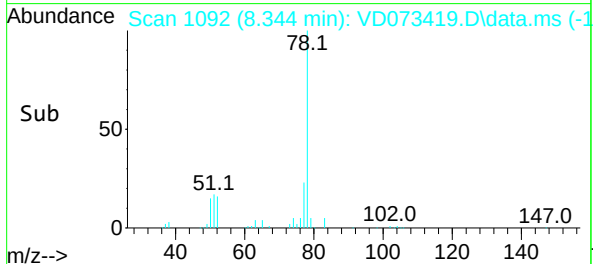
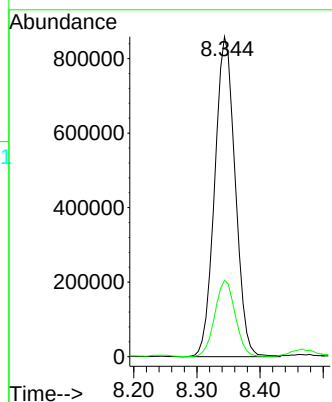
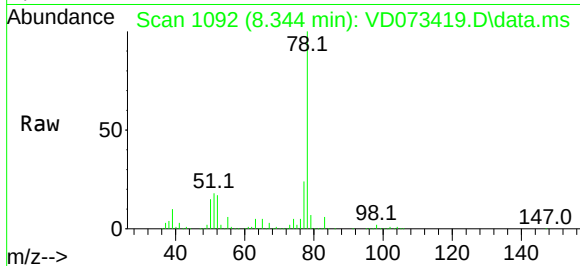




#40
Benzene
Concen: 83.722 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

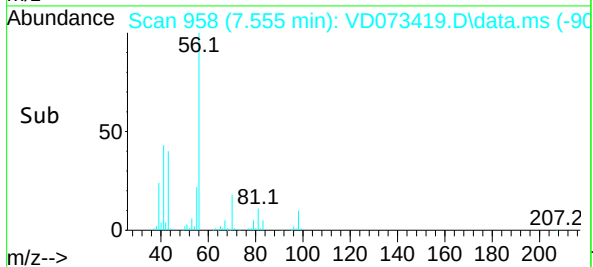
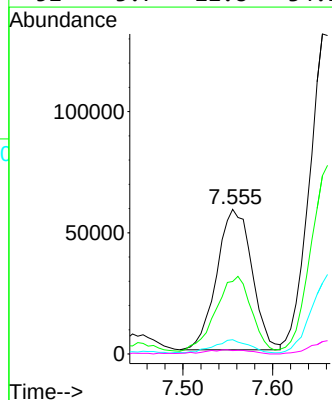
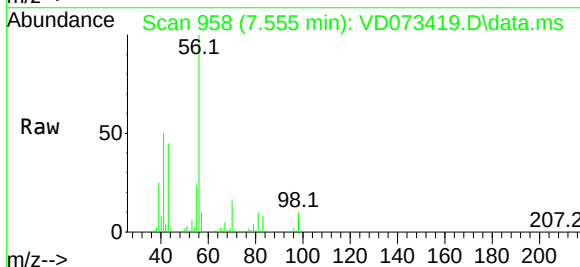
Instrument :
MSVOA_D
ClientSampleId :

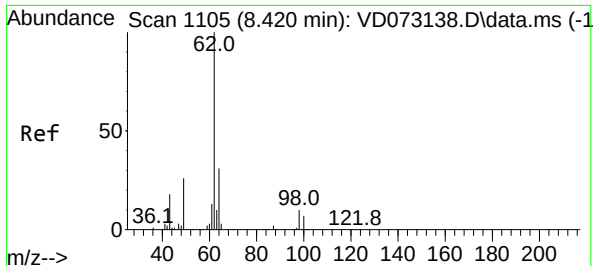
Tgt Ion: 78 Resp: 1931683
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7



#41
Methacrylonitrile
Concen: 85.557 ug/l
RT: 7.555 min Scan# 958
Delta R.T. 0.035 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Tgt Ion: 41 Resp: 157632
Ion Ratio Lower Upper
41 100
39 53.4 44.6 67.0
67 0.0 48.2 72.4#
52 3.7 22.8 34.2#





#42

1,2-Dichloroethane

Concen: 1.670 ug/l

RT: 8.455 min Scan# 1111

Delta R.T. 0.035 min

Lab File: VD073419.D

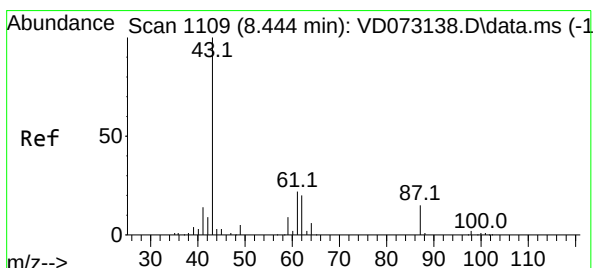
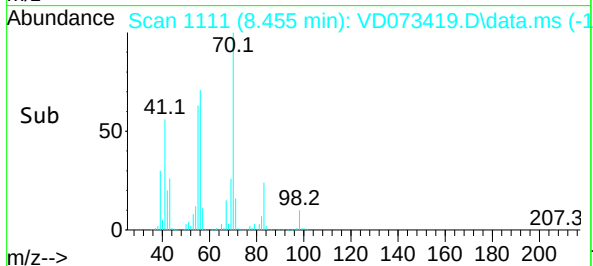
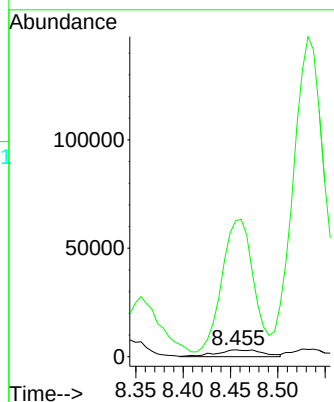
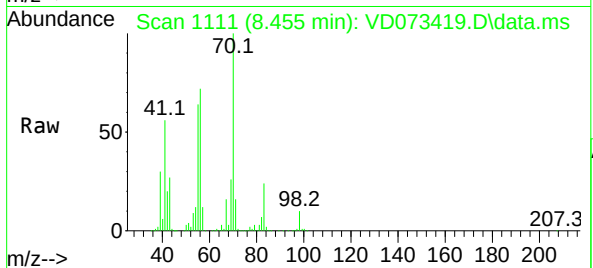
Acq: 27 May 2022 19:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 62 Resp: 10720
 Ion Ratio Lower Upper
 62 100
 98 1305.9 0.0 17.6#



#43

Isopropyl Acetate

Concen: 72.425 ug/l

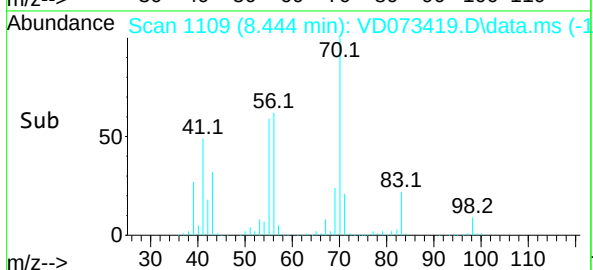
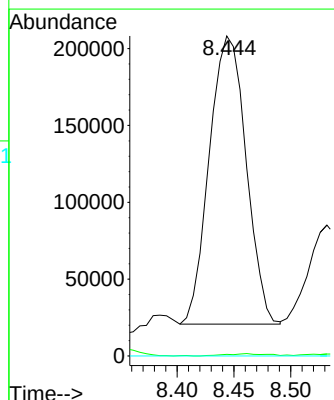
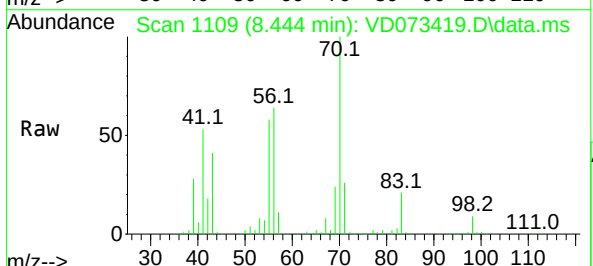
RT: 8.444 min Scan# 1109

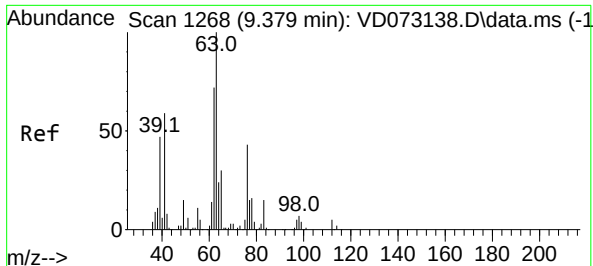
Delta R.T. -0.000 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

Tgt Ion: 43 Resp: 423325
 Ion Ratio Lower Upper
 43 100
 61 1.0 22.4 33.6#
 87 0.0 8.7 13.1#





#45

1,2-Dichloropropane

Concen: 15.355 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.030 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

Instrument :

MSVOA_D

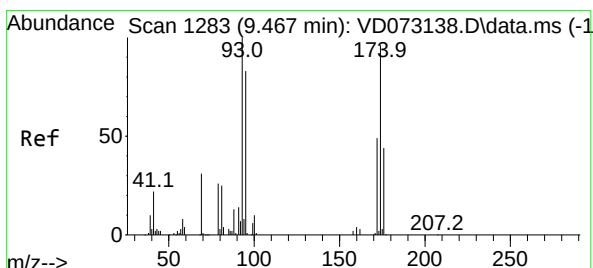
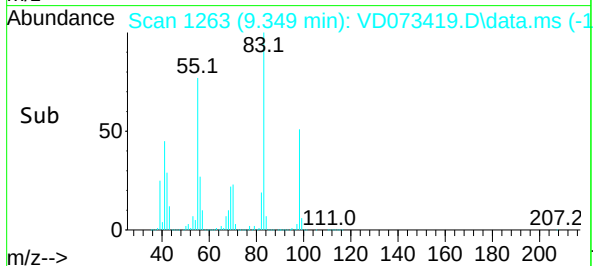
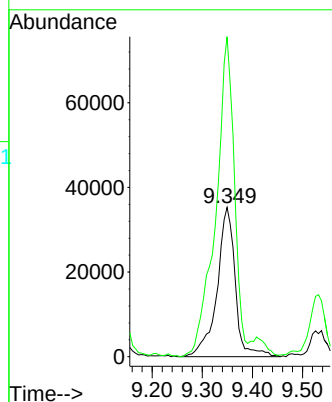
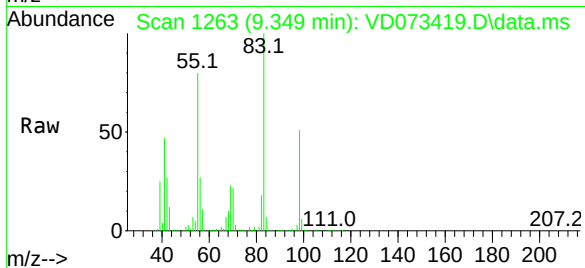
ClientSampleId :

Tgt Ion: 63 Resp: 89223

Ion Ratio Lower Upper

63 100

65 214.4 26.2 39.4#



#46

Dibromomethane

Concen: 1.751 ug/l

RT: 9.420 min Scan# 1275

Delta R.T. -0.047 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

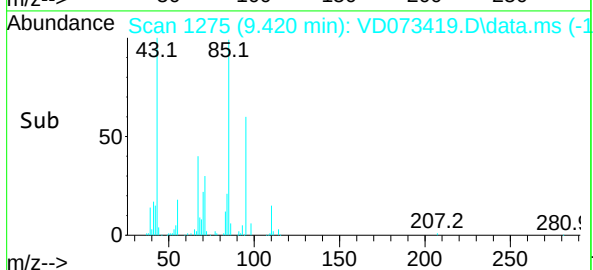
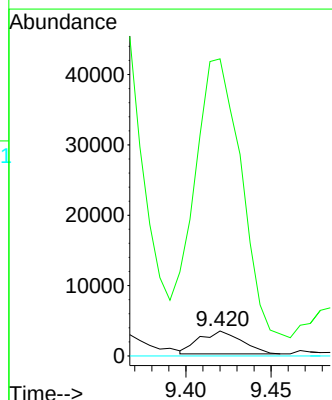
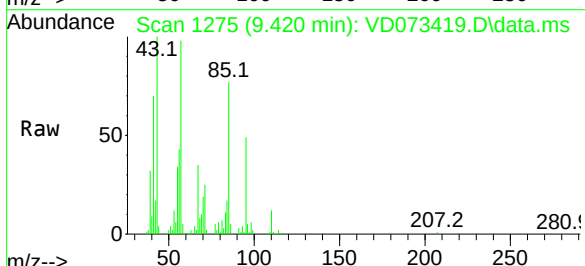
Tgt Ion: 93 Resp: 5589

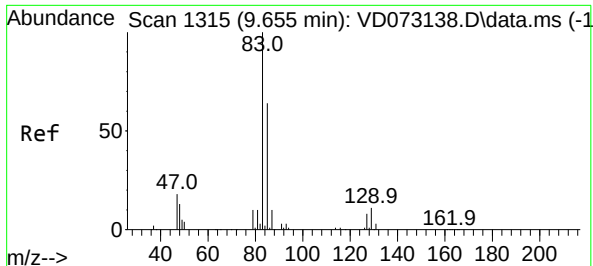
Ion Ratio Lower Upper

93 100

95 1469.2 66.7 100.1#

174 0.0 71.6 107.4#





#47

Bromodichloromethane

Concen: 50.187 ug/l

RT: 9.638 min Scan# 11

Delta R.T. -0.017 min

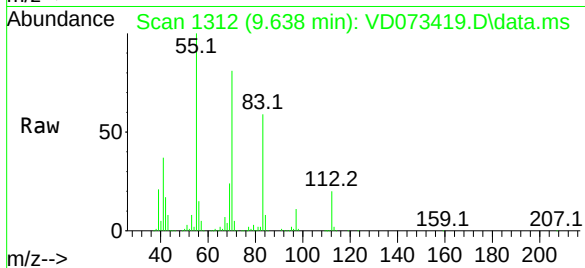
Lab File: VD073419.D

Acq: 27 May 2022 19:04

Instrument :

MSVOA_D

ClientSampleId :



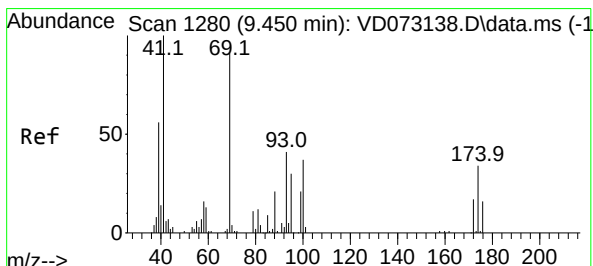
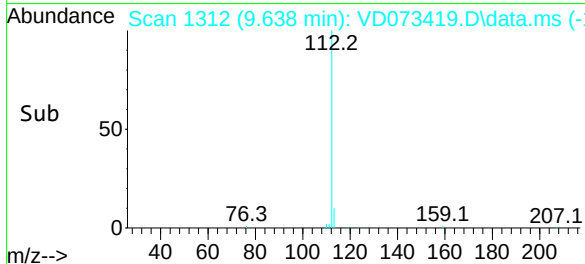
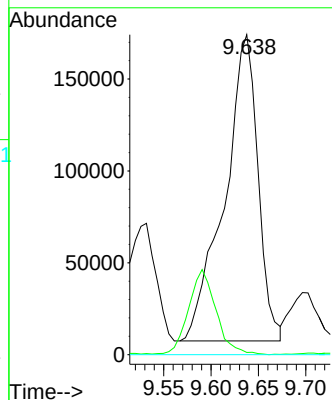
Tgt Ion: 83 Resp: 409801

Ion Ratio Lower Upper

83 100

85 0.6 51.4 77.0#

127 0.0 6.1 9.1#



#48

Methyl methacrylate

Concen: 237.910 ug/l

RT: 9.532 min Scan# 1294

Delta R.T. 0.082 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

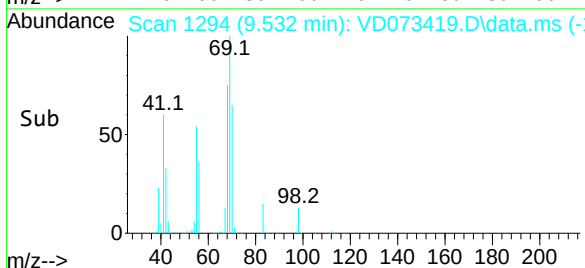
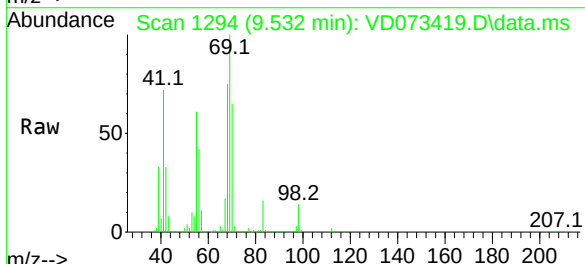
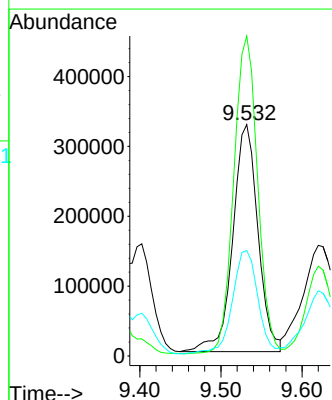
Tgt Ion: 41 Resp: 699617

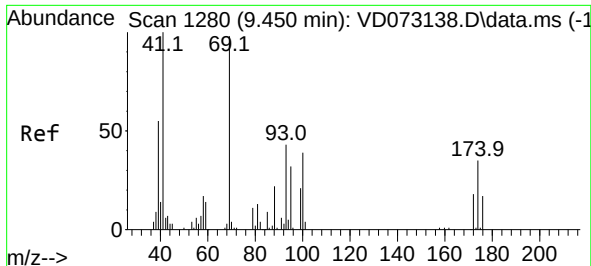
Ion Ratio Lower Upper

41 100

69 133.0 56.7 85.1#

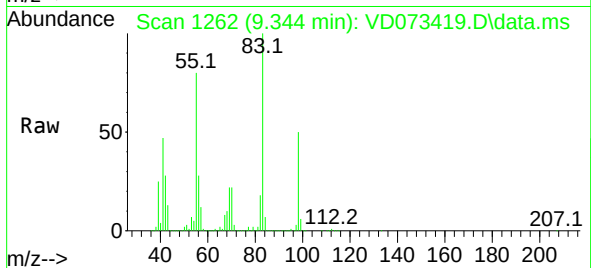
39 45.9 42.7 64.1



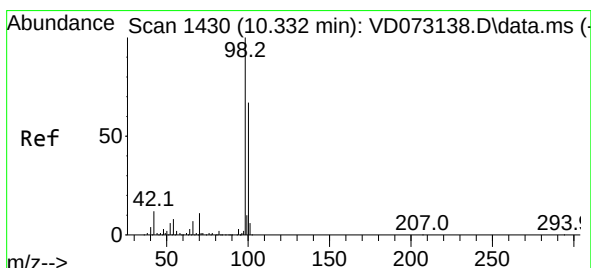
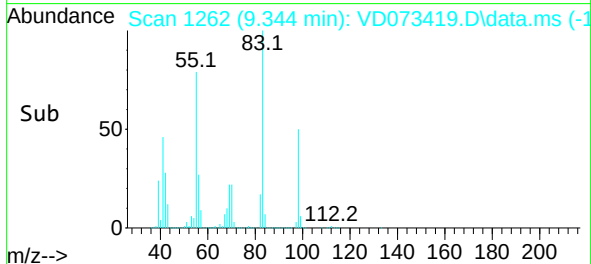
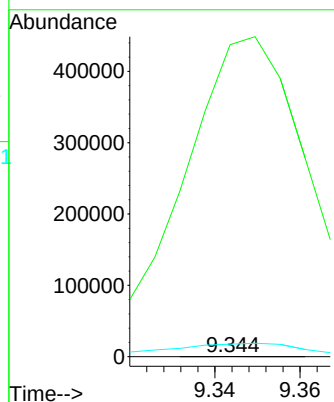


#49
1,4-Dioxane
Concen: 1.639 ug/l
RT: 9.344 min Scan# 11
Delta R.T. -0.106 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Instrument :
MSVOA_D
ClientSampleId :

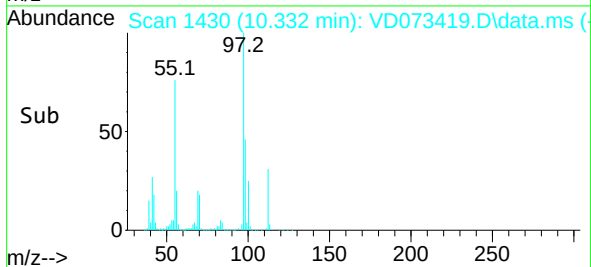
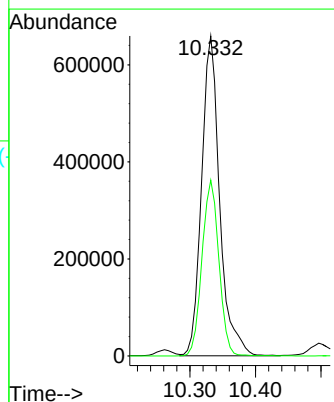
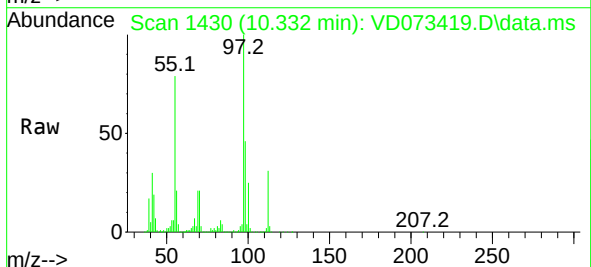


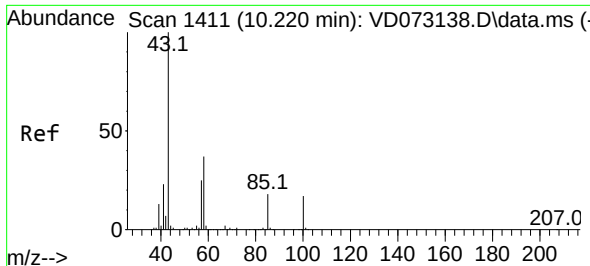
Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 1858974.1 31.0 46.4#
58 91022.2 58.1 87.1#



#50
Toluene-d8
Concen: 64.632 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Tgt Ion: 98 Resp: 1268222
Ion Ratio Lower Upper
98 100
100 51.2 52.4 78.6#

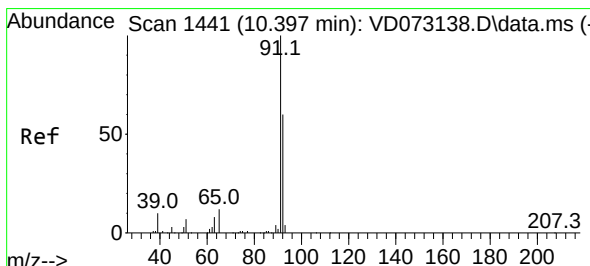
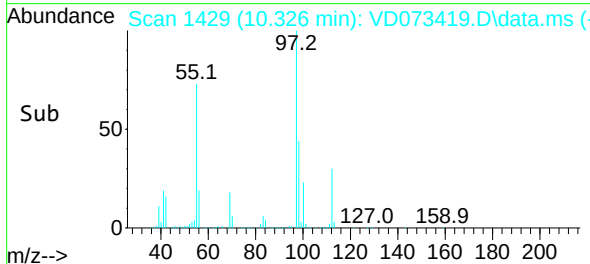
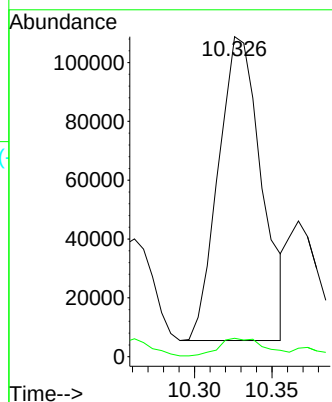
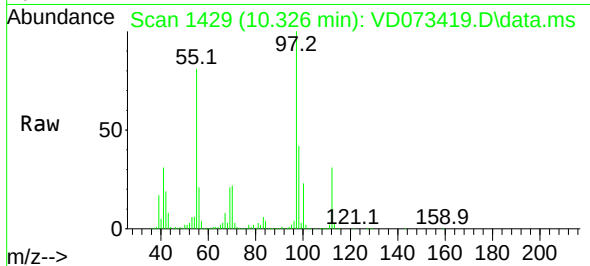




#51
4-Methyl-2-Pentanone
Concen: 66.119 ug/l
RT: 10.326 min Scan# 1411
Delta R.T. 0.106 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

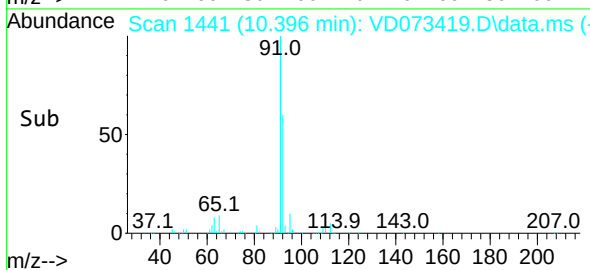
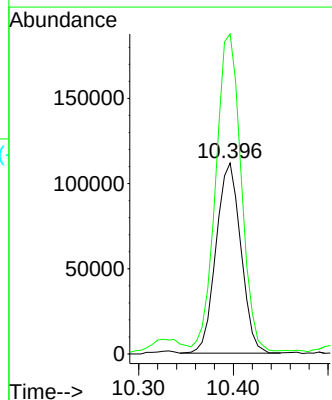
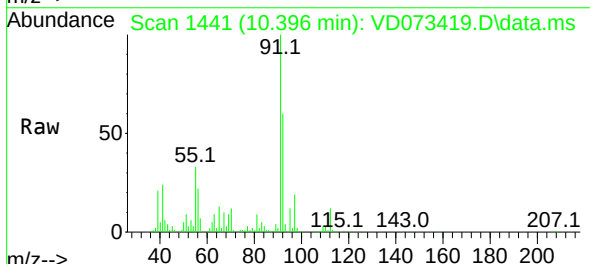
Instrument :
MSVOA_D
ClientSampleId :

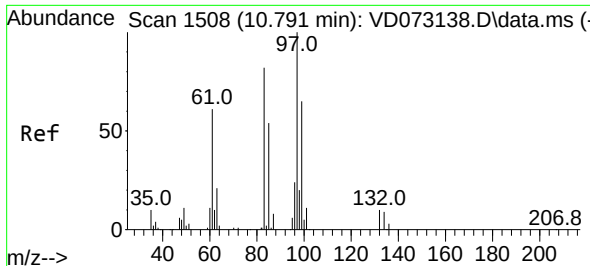
Tgt Ion: 43 Resp: 200722
Ion Ratio Lower Upper
43 100
58 6.1 28.6 43.0#



#52
Toluene
Concen: 13.924 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

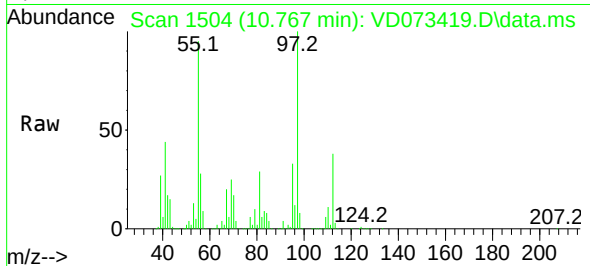
Tgt Ion: 92 Resp: 203015
Ion Ratio Lower Upper
92 100
91 169.9 139.6 209.4



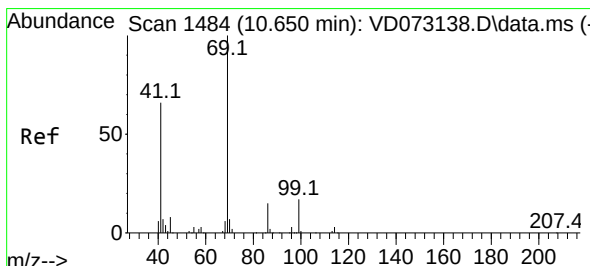
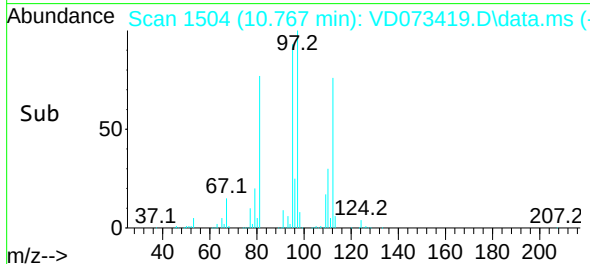
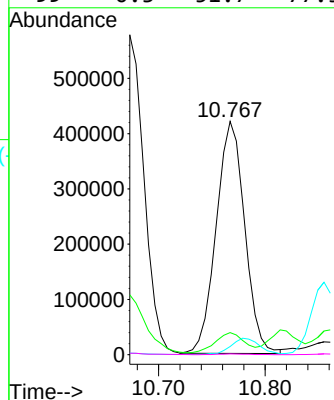


#55
1,1,2-Trichloroethane
Concen: 180.916 ug/l
RT: 10.767 min Scan# 1
Delta R.T. -0.024 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Instrument :
MSVOA_D
ClientSampleId :

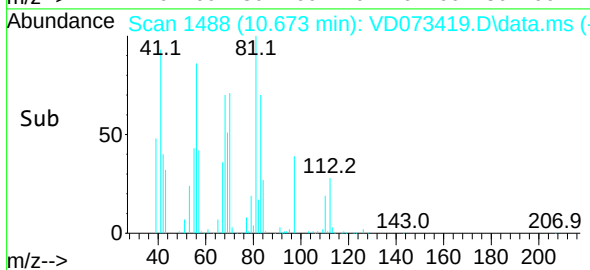
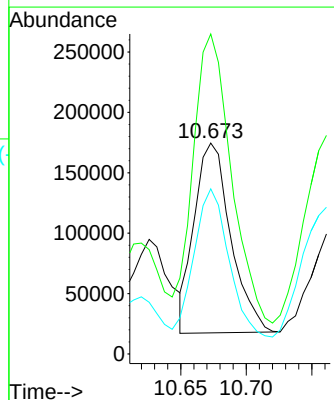
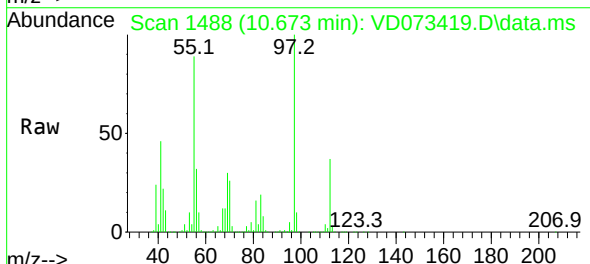


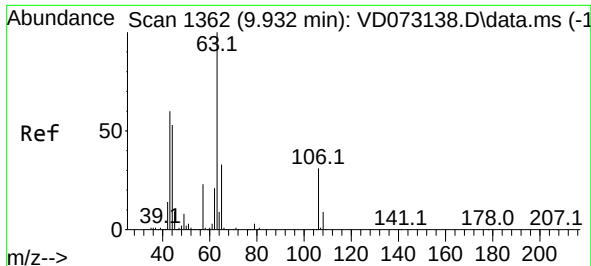
Tgt Ion: 97 Resp: 780738
Ion Ratio Lower Upper
97 100
83 8.5 69.0 103.4#
85 3.5 42.6 63.8#
99 0.3 51.7 77.5#



#56
Ethyl methacrylate
Concen: 63.209 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.023 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Tgt Ion: 69 Resp: 303286
Ion Ratio Lower Upper
69 100
41 163.6 63.0 94.6#
39 75.5 33.8 50.8#





#58

2-Chloroethyl Vinyl ether

Concen: 25.171 ug/l

RT: 9.914 min Scan# 11

Delta R.T. -0.018 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

Instrument :

MSVOA_D

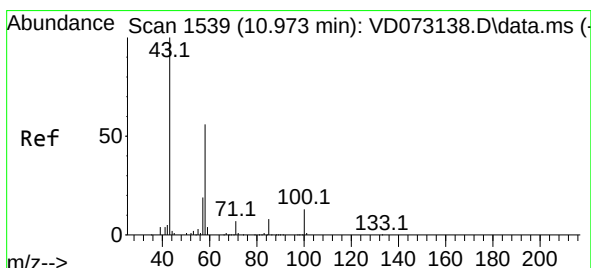
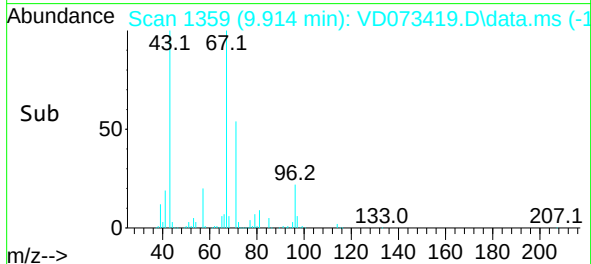
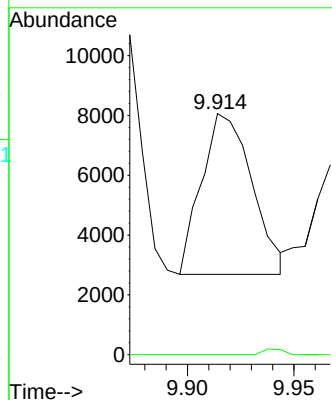
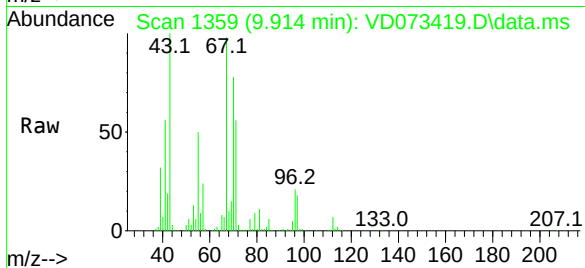
ClientSampleId :

Tgt Ion: 63 Resp: 8858

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#



#59

2-Hexanone

Concen: 508.015 ug/l

RT: 10.943 min Scan# 1534

Delta R.T. -0.030 min

Lab File: VD073419.D

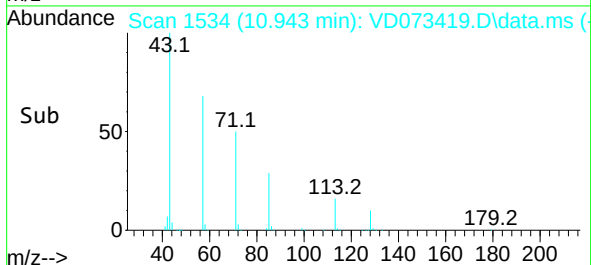
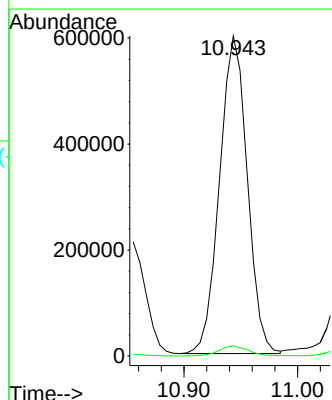
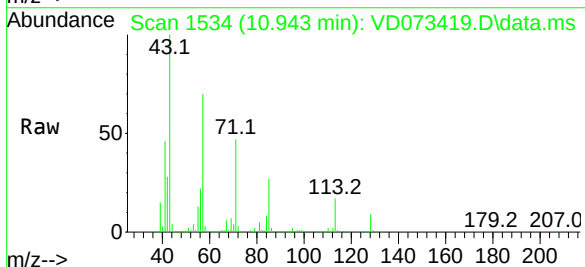
Acq: 27 May 2022 19:04

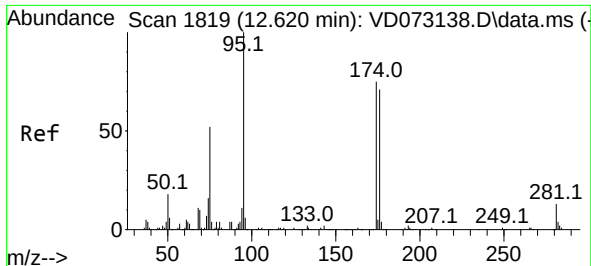
Tgt Ion: 43 Resp: 1016759

Ion Ratio Lower Upper

43 100

58 3.3 25.3 75.9#

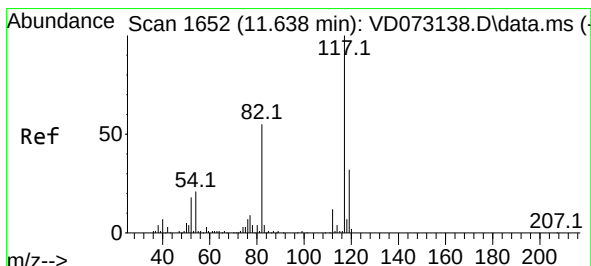
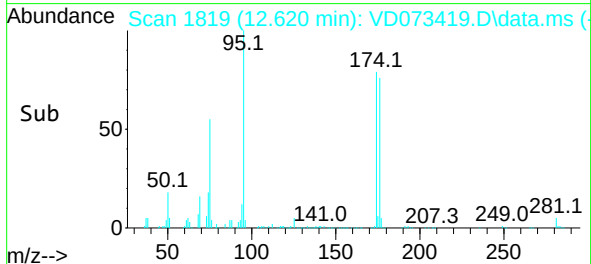
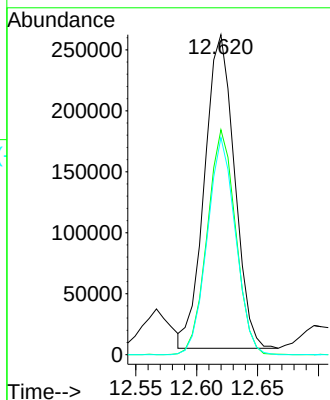
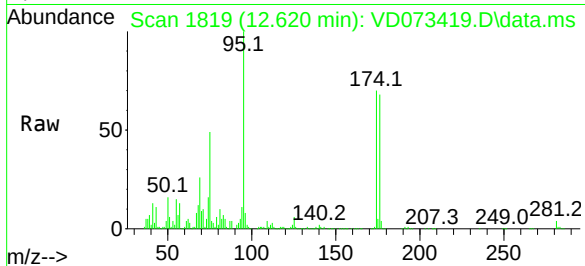




#62
4-Bromofluorobenzene
Concen: 63.976 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

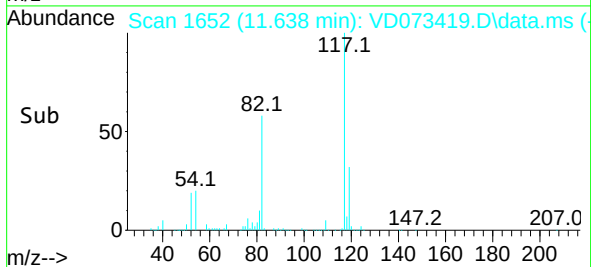
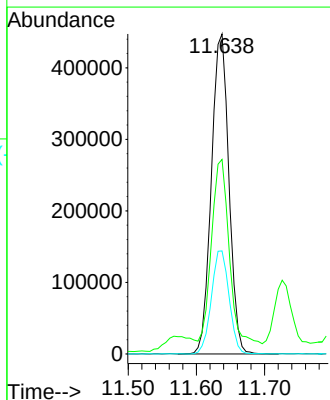
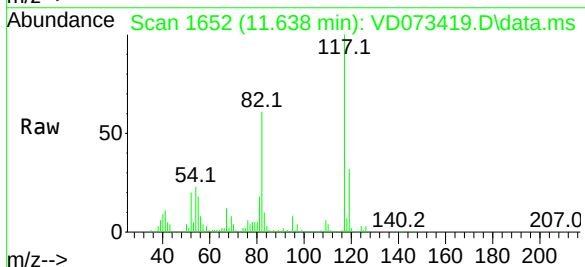
Instrument :
MSVOA_D
ClientSampleId :

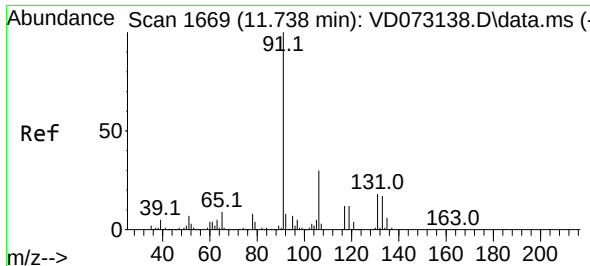
Tgt Ion: 95 Resp: 440552
Ion Ratio Lower Upper
95 100
174 68.1 0.0 152.8
176 65.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

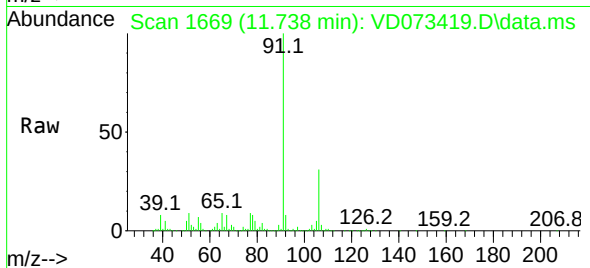
Tgt Ion: 117 Resp: 799795
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 32.2 26.6 40.0



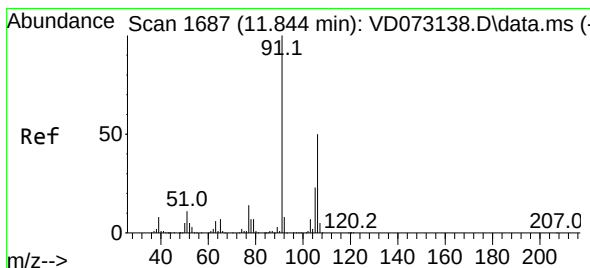
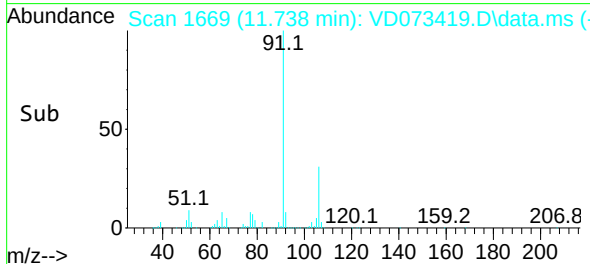
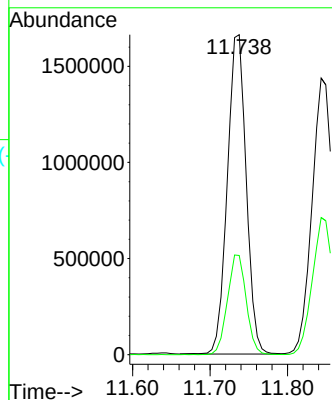


#67
Ethyl Benzene
Concen: 97.755 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Instrument :
MSVOA_D
ClientSampleId :

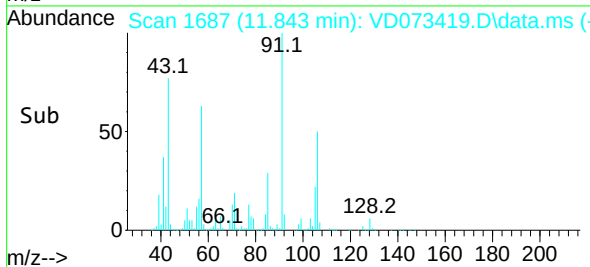
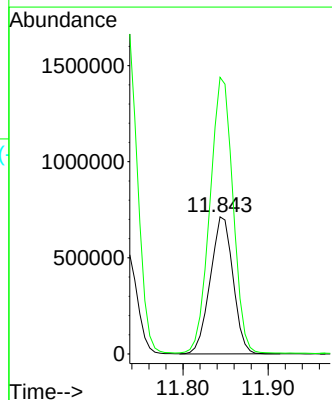
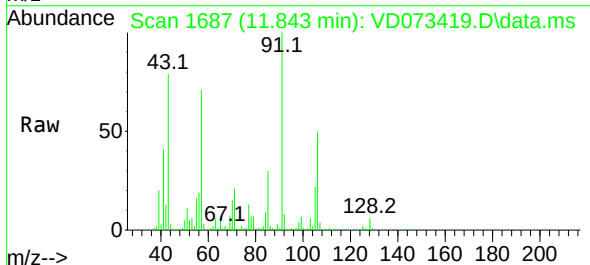


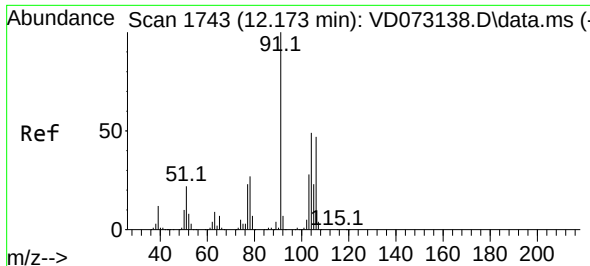
Tgt Ion: 91 Resp: 2815630
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4



#68
m/p-Xylenes
Concen: 118.201 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Tgt Ion:106 Resp: 1322708
Ion Ratio Lower Upper
106 100
91 204.4 163.7 245.5

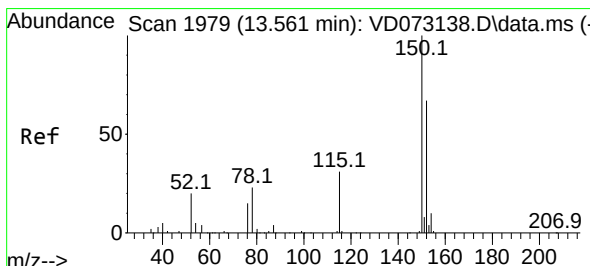
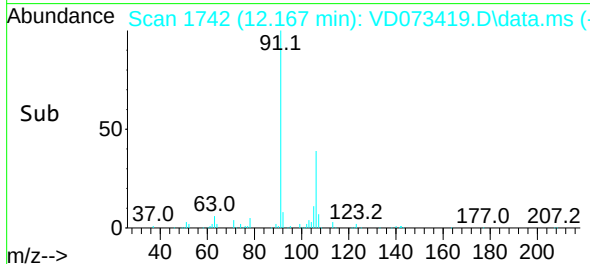
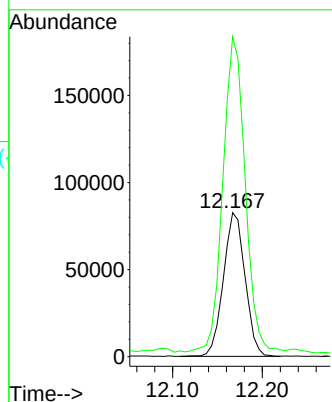
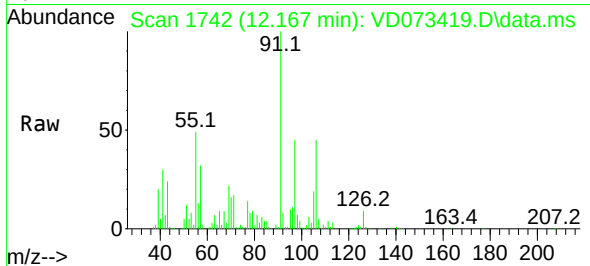




#69
o-Xylene
Concen: 13.410 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

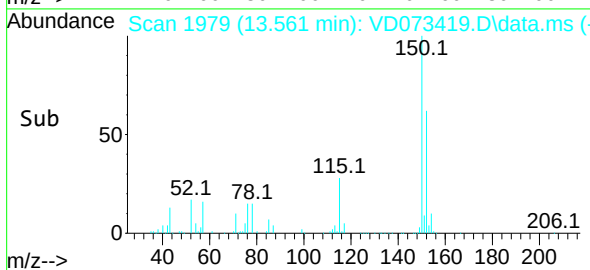
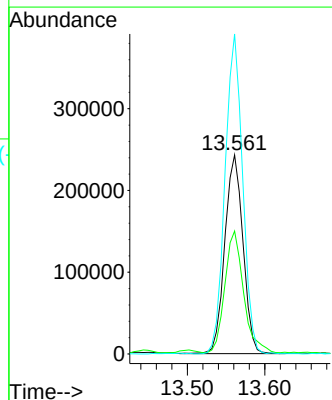
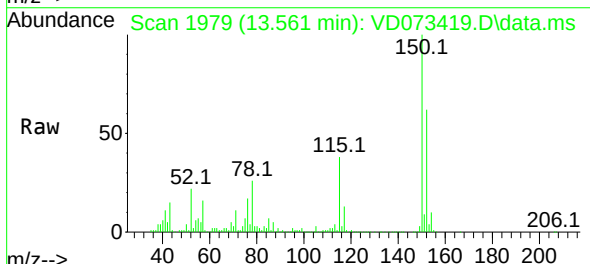
Instrument :
MSVOA_D
ClientSampleId :

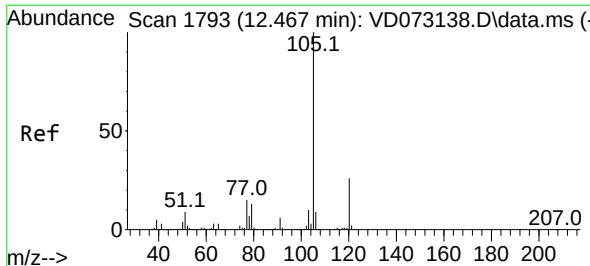
Tgt Ion:106 Resp: 137857
Ion Ratio Lower Upper
106 100
91 225.0 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Tgt Ion:152 Resp: 396591
Ion Ratio Lower Upper
152 100
115 63.3 31.3 93.8
150 156.0 0.0 348.6

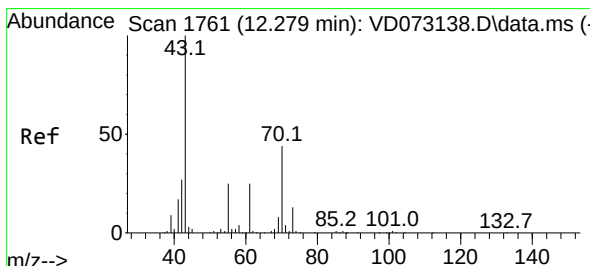
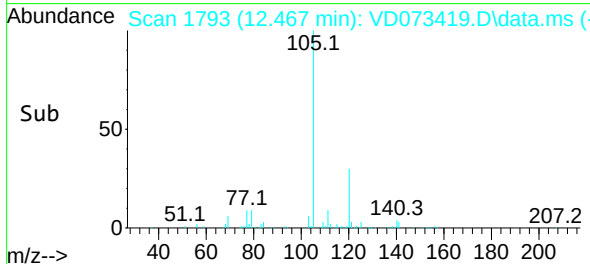
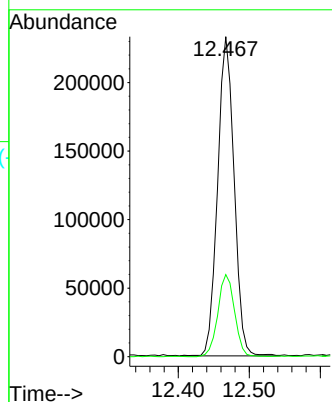
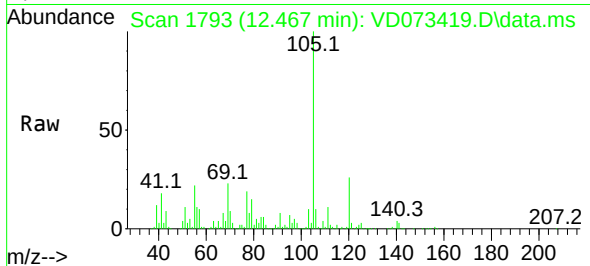




#73
Isopropylbenzene
Concen: 13.237 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

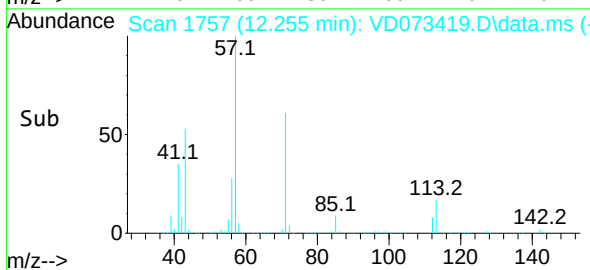
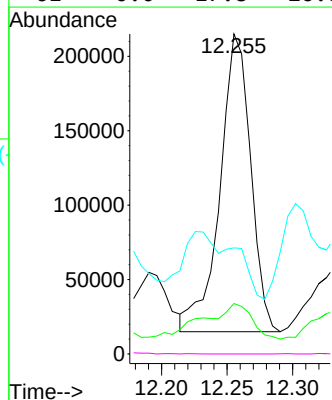
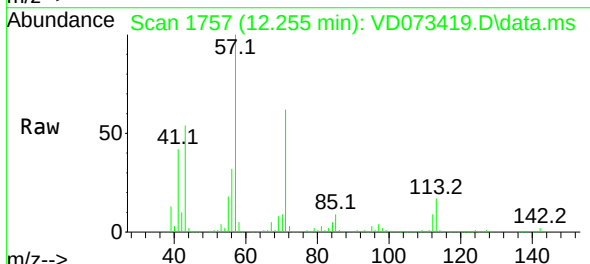
Instrument :
MSVOA_D
ClientSampleId :

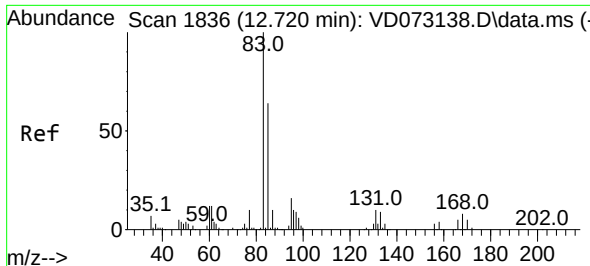
Tgt Ion:105 Resp: 374238
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 52.809 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.024 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Tgt Ion: 43 Resp: 325716
Ion Ratio Lower Upper
43 100
70 19.1 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

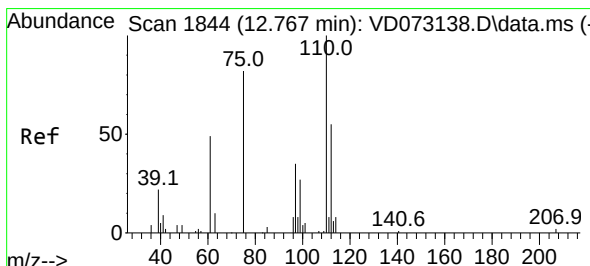
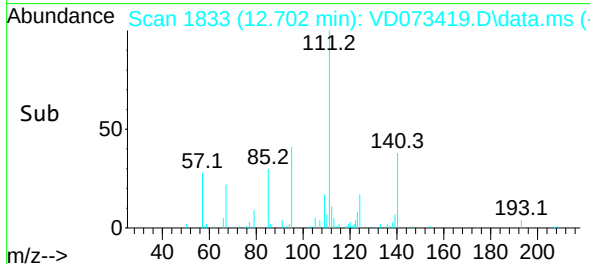
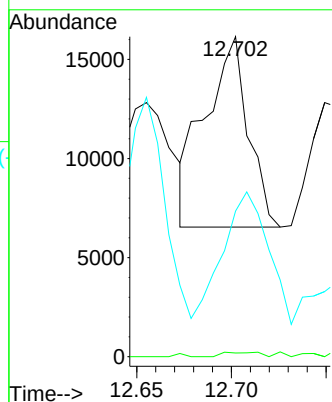
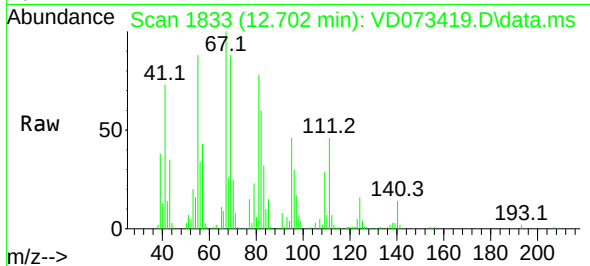




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.922 ug/l
 RT: 12.702 min Scan# 1833
 Delta R.T. -0.018 min
 Lab File: VD073419.D
 Acq: 27 May 2022 19:04

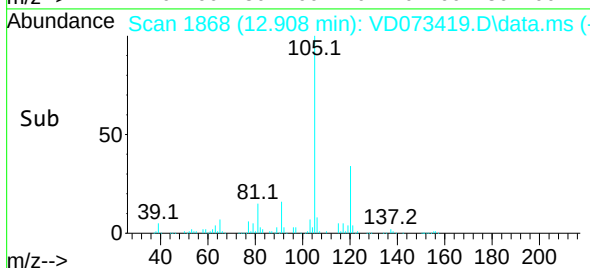
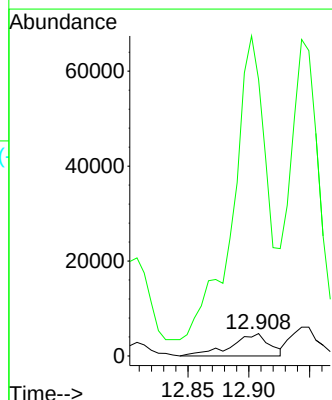
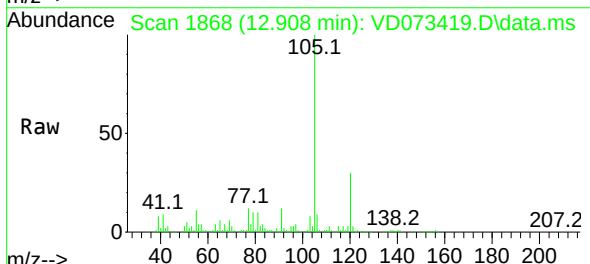
Instrument :
 MSVOA_D
 ClientSampleId :

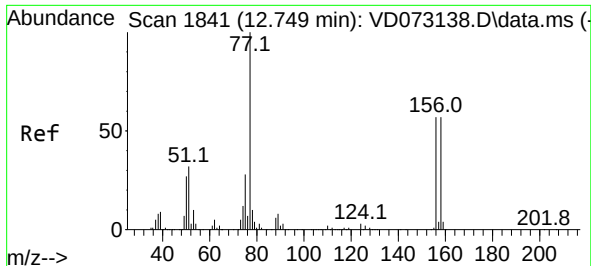
Tgt Ion: 83 Resp: 15236
 Ion Ratio Lower Upper
 83 100
 131 1.9 5.0 14.9#
 85 73.1 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 2.634 ug/l
 RT: 12.908 min Scan# 1868
 Delta R.T. 0.141 min
 Lab File: VD073419.D
 Acq: 27 May 2022 19:04

Tgt Ion: 75 Resp: 10249
 Ion Ratio Lower Upper
 75 100
 77 1224.3 0.0 0.0#

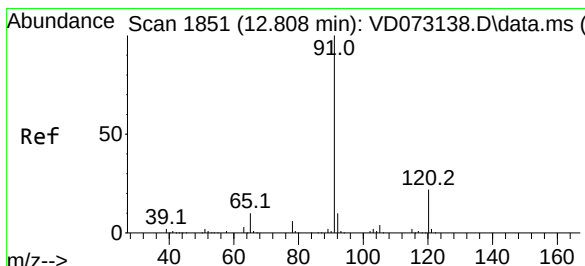
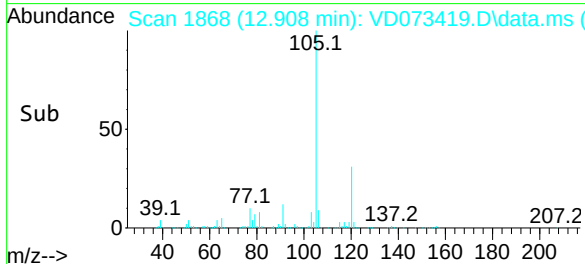
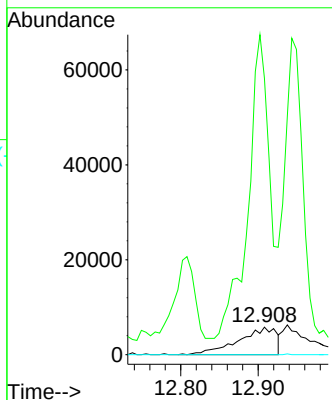
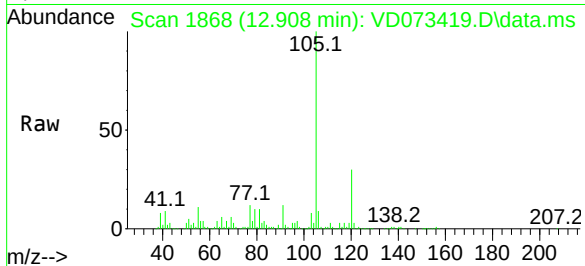




#77
Bromobenzene
Concen: 2.938 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.159 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

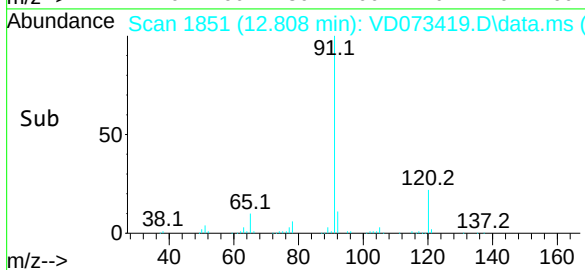
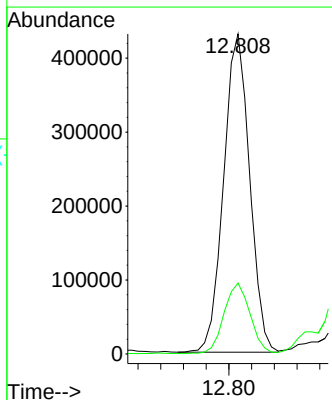
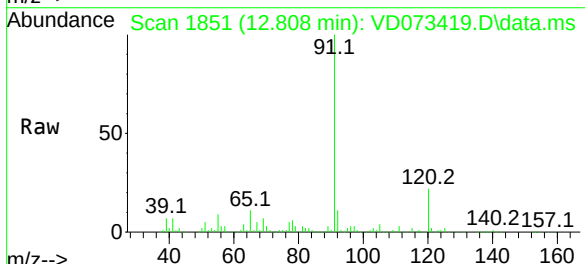
Instrument :
MSVOA_D
ClientSampleId :

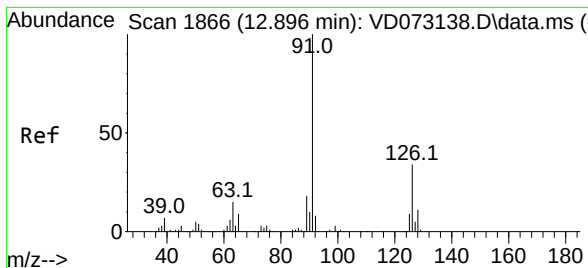
Tgt Ion:156 Resp: 19555
Ion Ratio Lower Upper
156 100
77 641.7 102.8 308.3#
158 0.0 48.7 146.1#



#78
n-propylbenzene
Concen: 19.285 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Tgt Ion: 91 Resp: 684500
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





#79

2-Chlorotoluene

Concen: 5.972 ug/l

RT: 12.902 min Scan# 1867

Delta R.T. 0.006 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

Instrument :

MSVOA_D

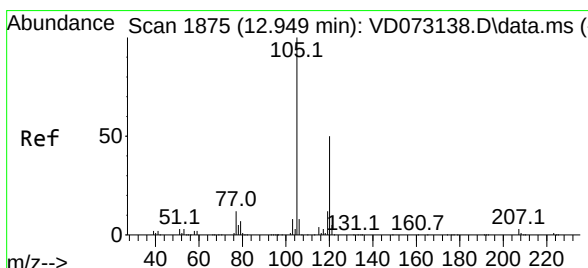
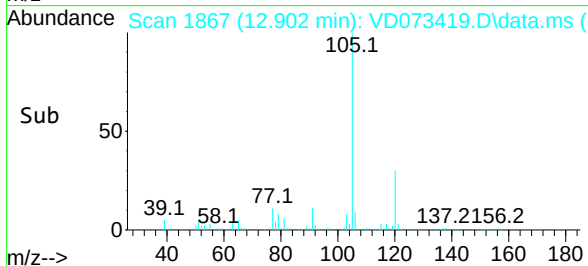
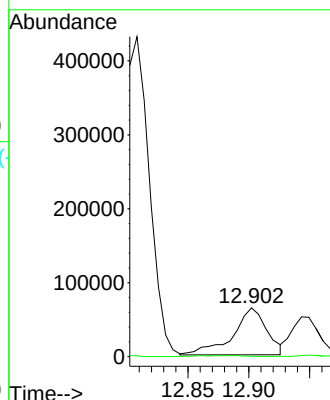
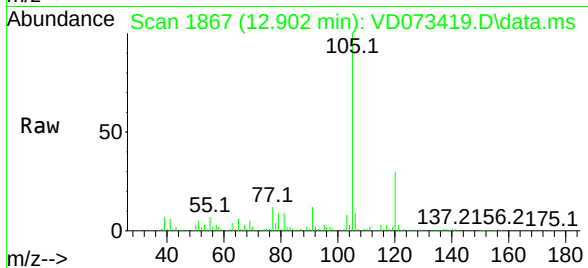
ClientSampleId :

Tgt Ion: 91 Resp: 122383

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#80

1,3,5-Trimethylbenzene

Concen: 29.092 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073419.D

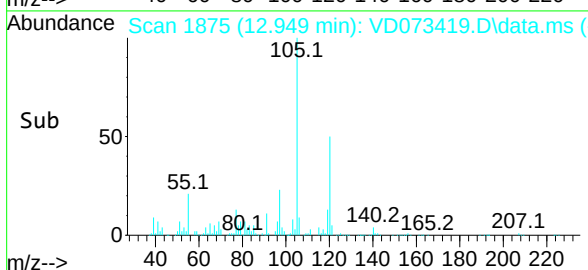
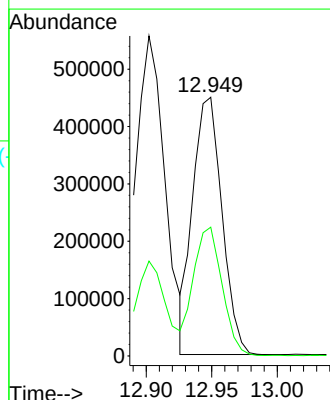
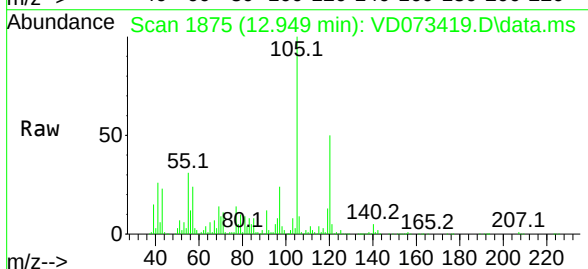
Acq: 27 May 2022 19:04

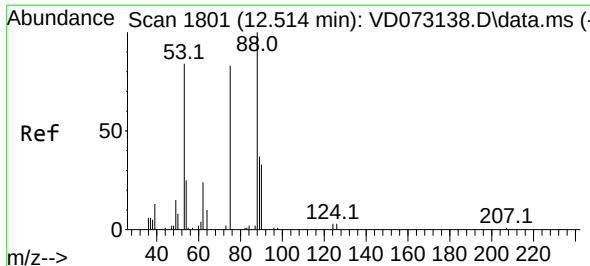
Tgt Ion:105 Resp: 696745

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8

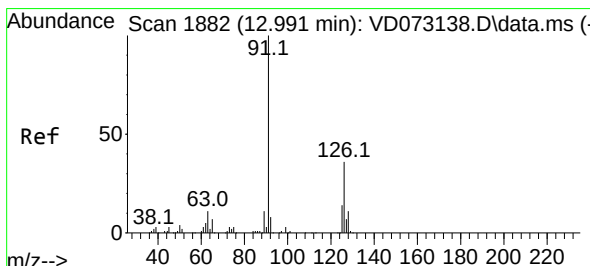
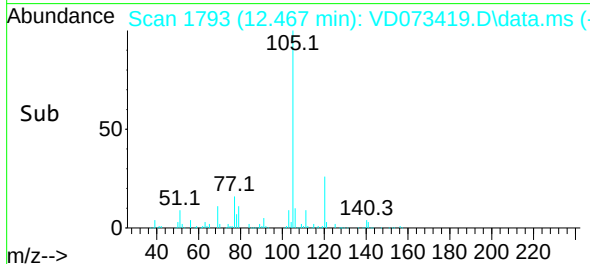
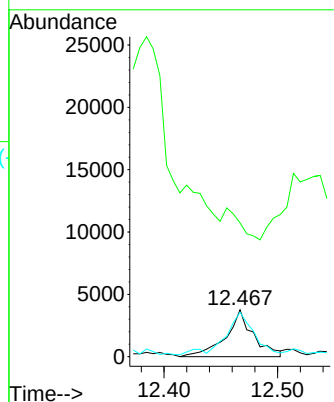
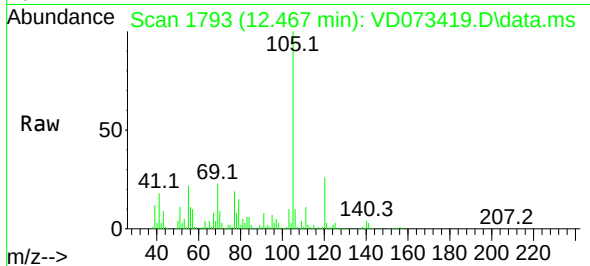




#81
trans-1,4-Dichloro-2-butene
Concen: 3.910 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

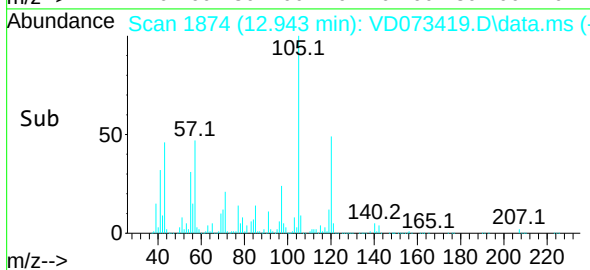
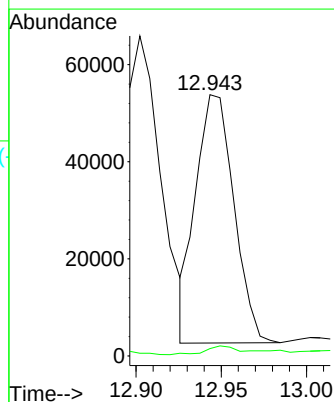
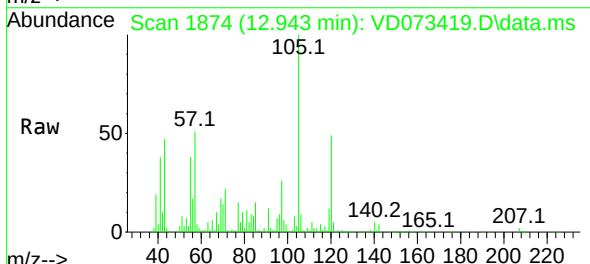
Instrument :
MSVOA_D
ClientSampleId :

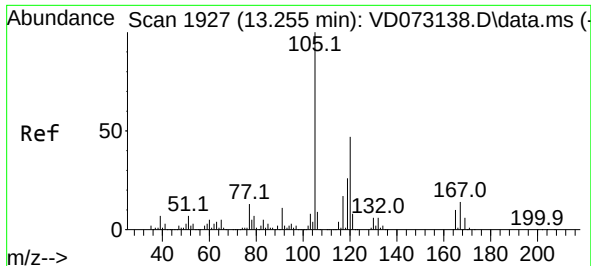
Tgt Ion: 75 Resp: 6337
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 93.0 33.9 50.9#



#82
4-Chlorotoluene
Concen: 3.708 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.048 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Tgt Ion: 91 Resp: 79655
Ion Ratio Lower Upper
91 100
126 3.1 16.5 49.5#

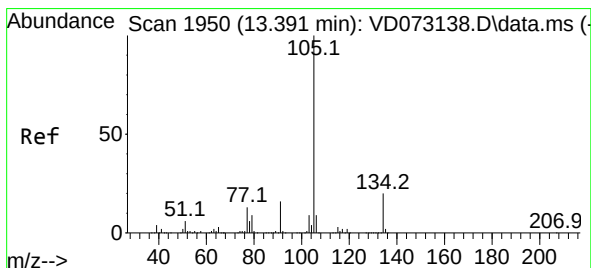
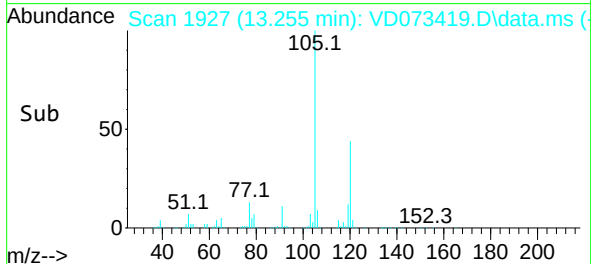
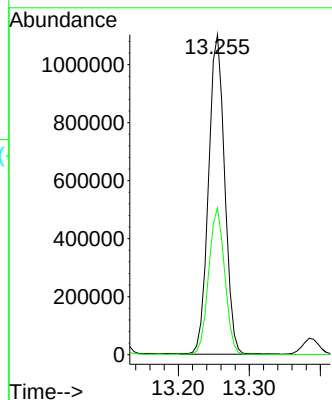
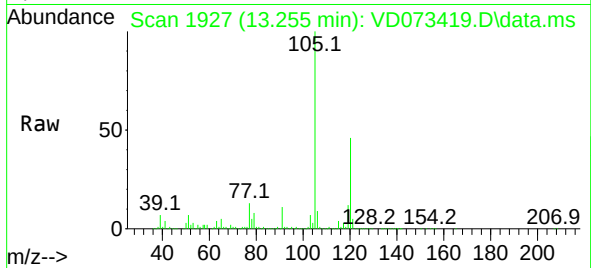




#84
1,2,4-Trimethylbenzene
Concen: 73.487 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

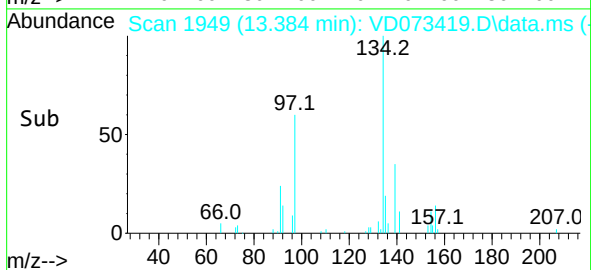
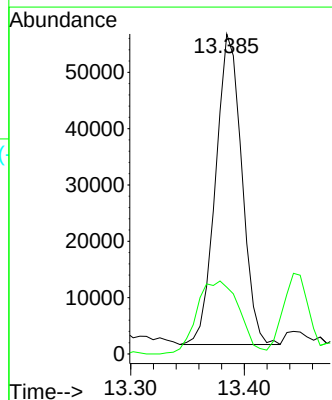
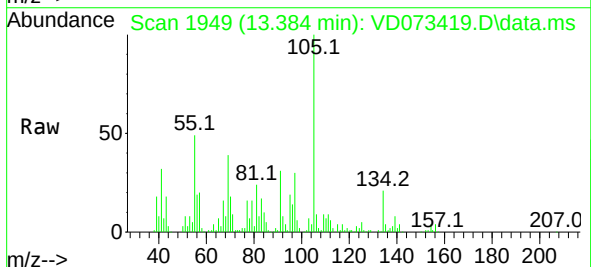
Instrument :
MSVOA_D
ClientSampleId :

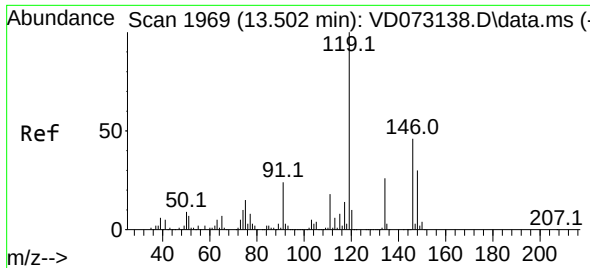
Tgt Ion:105 Resp: 1738692
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8



#85
sec-Butylbenzene
Concen: 2.868 ug/l
RT: 13.384 min Scan# 1949
Delta R.T. -0.007 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Tgt Ion:105 Resp: 88383
Ion Ratio Lower Upper
105 100
134 38.0 9.8 29.3#

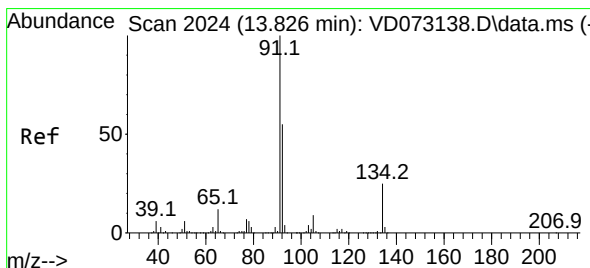
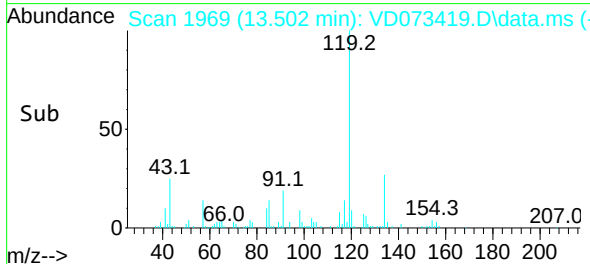
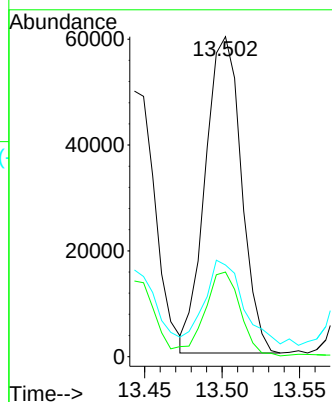
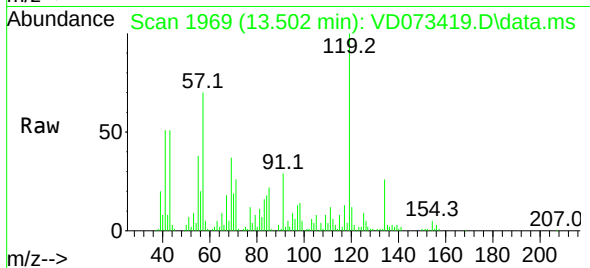




#86
p-Isopropyltoluene
Concen: 3.860 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

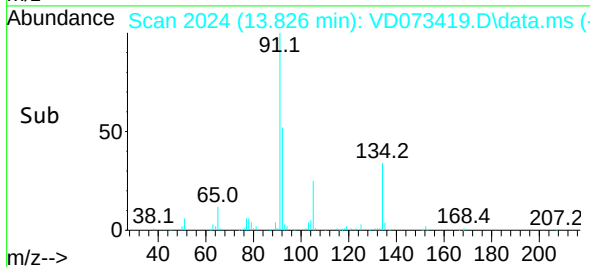
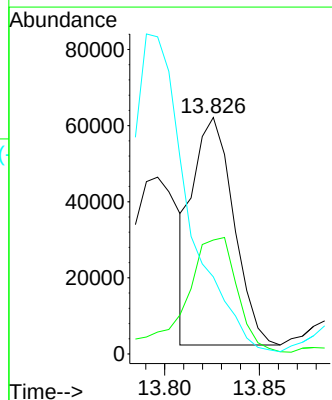
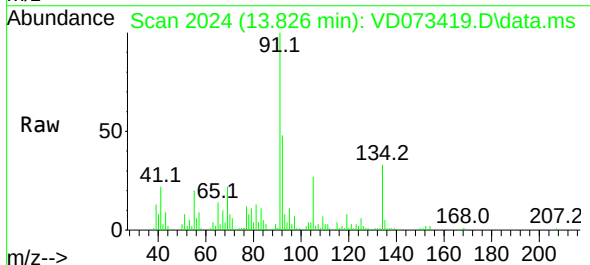
Instrument :
MSVOA_D
ClientSampleId :

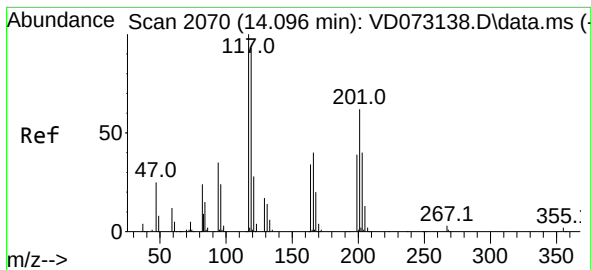
Tgt Ion:119 Resp: 96971
Ion Ratio Lower Upper
119 100
134 25.7 12.9 38.6
91 28.9 12.1 36.3



#89
n-Butylbenzene
Concen: 3.727 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073419.D
Acq: 27 May 2022 19:04

Tgt Ion: 91 Resp: 89221
Ion Ratio Lower Upper
91 100
92 64.2 26.6 79.8
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 5.857 ug/l

RT: 14.102 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

Instrument :

MSVOA_D

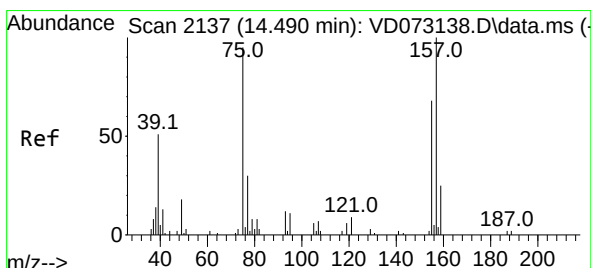
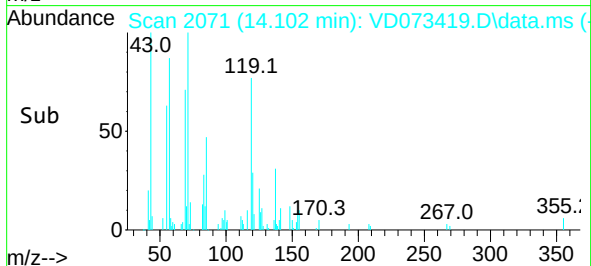
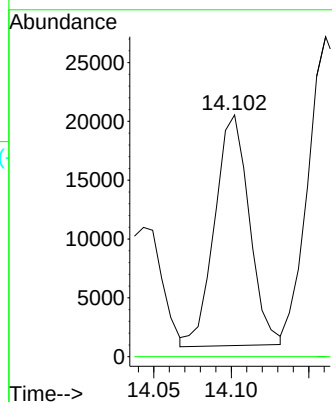
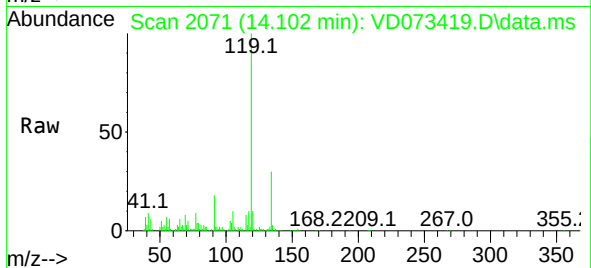
ClientSampleId :

Tgt Ion:117 Resp: 30447

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.141 ug/l

RT: 14.502 min Scan# 2139

Delta R.T. 0.012 min

Lab File: VD073419.D

Acq: 27 May 2022 19:04

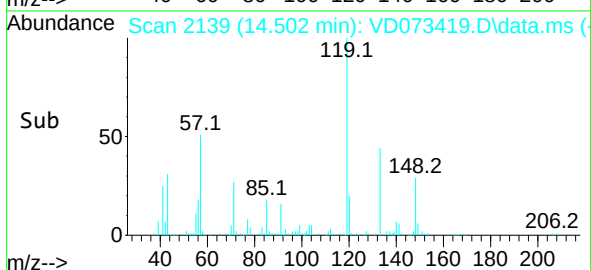
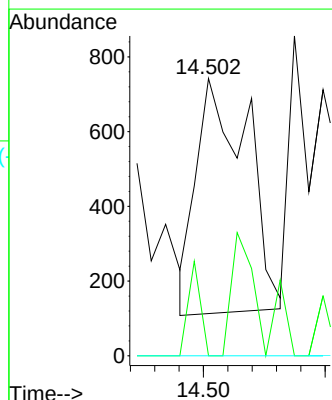
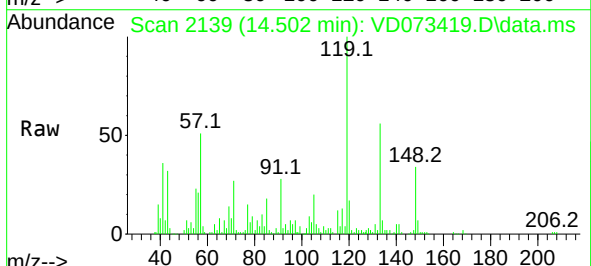
Tgt Ion: 75 Resp: 911

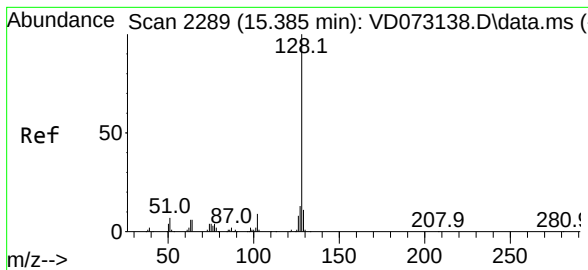
Ion Ratio Lower Upper

75 100

155 9.8 36.8 110.3#

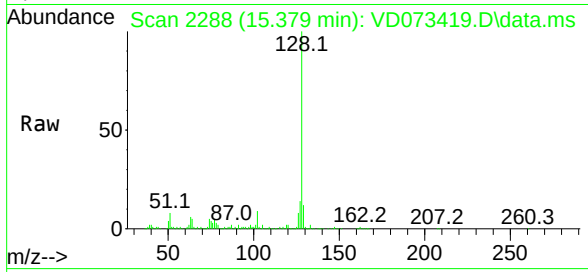
157 0.0 48.4 145.0#





#95
 Naphthalene
 Concen: 41.161 ug/l
 RT: 15.379 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073419.D
 Acq: 27 May 2022 19:04

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:128 Resp: 525456

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.3	8.4	12.6

