

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
 Data File : VD073795.D
 Acq On : 06 Jul 2022 16:46
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jul 07 05:51:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 07 05:43:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	120305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	249625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	231011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	98389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	86390	58.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.420%	
35) Dibromofluoromethane	7.908	113	81168	53.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.280%	
50) Toluene-d8	10.332	98	309570	60.707	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 121.420%#	
62) 4-Bromofluorobenzene	12.620	95	110704	53.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 107.240%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	1616	Below Cal		89
3) Chloromethane	2.215	50	2230	Below Cal	#	85
4) Vinyl Chloride	2.344	62	2046	1.620	ug/l #	75
5) Bromomethane	2.773	94	2598	Below Cal	#	78
6) Chloroethane	2.915	64	1361	1.418	ug/l #	67
7) Trichlorofluoromethane	3.268	101	3611	1.882	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.079	101	2503	2.040	ug/l #	42
10) Methyl Iodide	4.291	142	955	1.140	ug/l #	82
11) Tert butyl alcohol	5.179	59	23056	53.099	ug/l #	92
13) Acrolein	3.909	56	120	22.638	ug/l #	15
15) Acrylonitrile	5.409	53	538	1.543	ug/l #	17
16) Acetone	4.168	43	4064	13.885	ug/l #	79
17) Carbon Disulfide	4.391	76	4670	Below Cal	#	84
18) Methyl Acetate	4.720	43	305	Below Cal	#	53
20) Methylene Chloride	4.962	84	16268	4.826	ug/l #	91
21) trans-1,2-Dichloroethene	5.462	96	1551	1.350	ug/l	85
23) Vinyl Acetate	6.303	43	4432	1.721	ug/l #	74
25) 2-Butanone	7.197	43	3667	7.722	ug/l #	52
26) 2,2-Dichloropropane	7.203	77	7027	2.825	ug/l #	64
29) Tetrahydrofuran	7.550	42	994	3.530	ug/l #	52
30) Chloroform	7.691	83	3284	1.119	ug/l #	78
31) Cyclohexane	7.973	56	7078	Below Cal	#	57
32) 1,1,1-Trichloroethane	7.903	97	4001	1.617	ug/l #	79
36) 1,1-Dichloropropene	8.103	75	3507	1.830	ug/l #	92
38) Carbon Tetrachloride	8.085	117	3362	1.536	ug/l #	86
39) Methylcyclohexane	9.344	83	3902	1.931	ug/l	91
44) Trichloroethene	9.108	130	1737	1.160	ug/l	79
51) 4-Methyl-2-Pentanone	10.220	43	3041	2.513	ug/l	88
52) Toluene	10.397	92	4383	1.159	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.932	63	725	1.069	ug/l #	72
59) 2-Hexanone	10.979	43	1654	2.046	ug/l	90
64) Tetrachloroethene	10.873	164	1677	1.474	ug/l #	86
67) Ethyl Benzene	11.738	91	8707	1.100	ug/l	95
68) m/p-Xylenes	11.849	106	6971	2.345	ug/l	98
69) o-Xylene	12.173	106	2955	1.022	ug/l	78
73) Isopropylbenzene	12.467	105	10394	1.378	ug/l	96

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

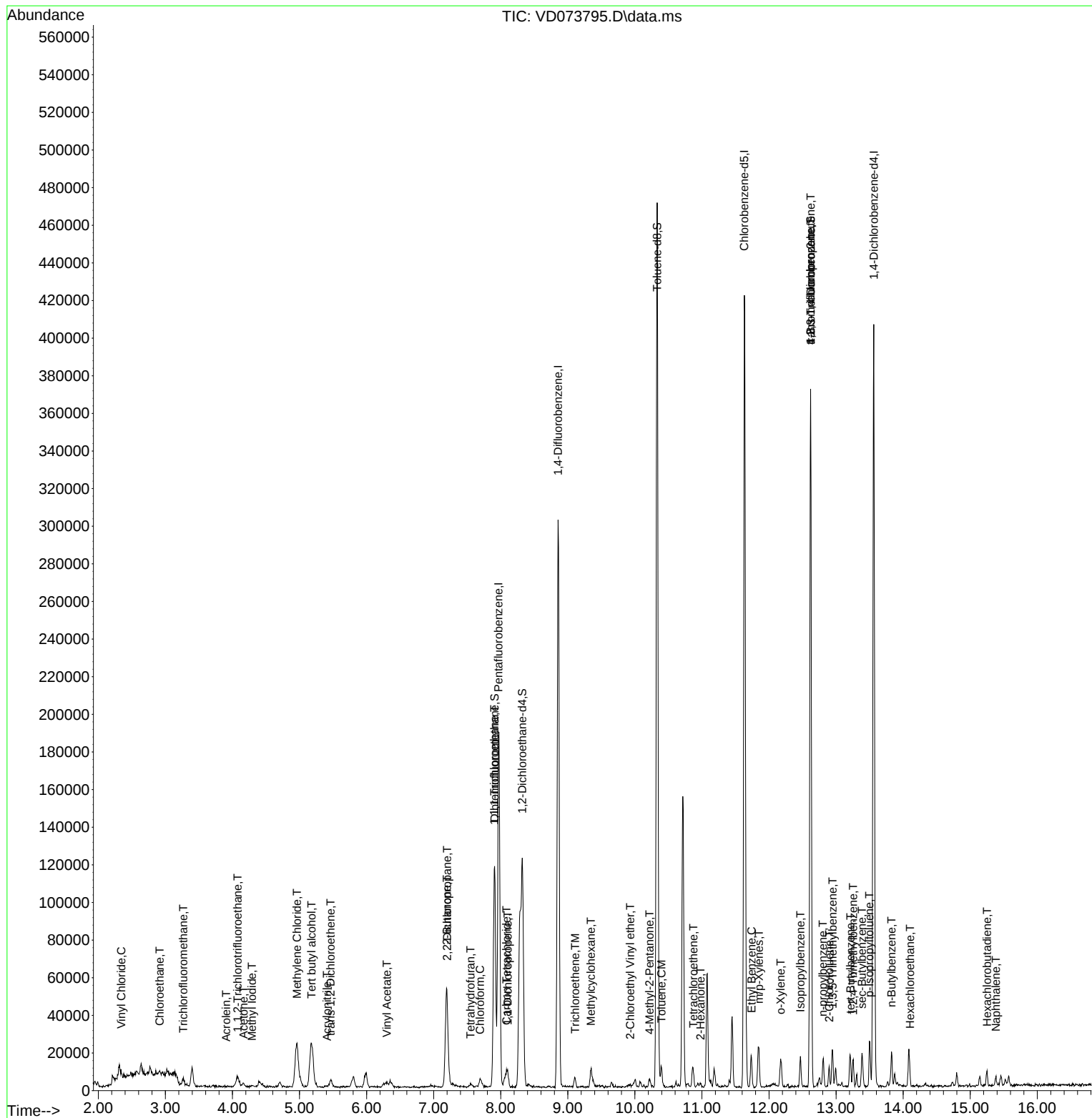
76) 1,2,3-Trichloropropane	12.620	75	60647	58.449	ug/l #	100
78) n-propylbenzene	12.802	91	12153	1.294	ug/l	96
79) 2-Chlorotoluene	12.896	91	5634	1.052	ug/l	91
80) 1,3,5-Trimethylbenzene	12.949	105	7664	1.229	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.620	75	60647	124.297	ug/l #	11
83) tert-Butylbenzene	13.214	119	7790	1.383	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	6418	1.043	ug/l	91
85) sec-Butylbenzene	13.385	105	12213	1.460	ug/l	96
86) p-Isopropyltoluene	13.496	119	9122	1.359	ug/l	99
89) n-Butylbenzene	13.826	91	9713	1.423	ug/l	97
90) Hexachloroethane	14.102	117	1489	1.081	ug/l	98
94) Hexachlorobutadiene	15.249	225	1168	1.501	ug/l	81
95) Naphthalene	15.385	128	4141	1.117	ug/l #	91

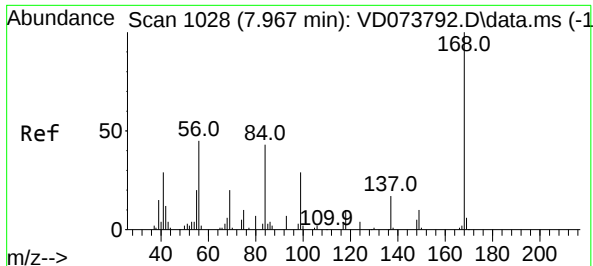
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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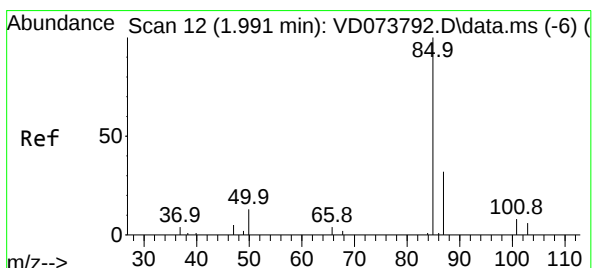
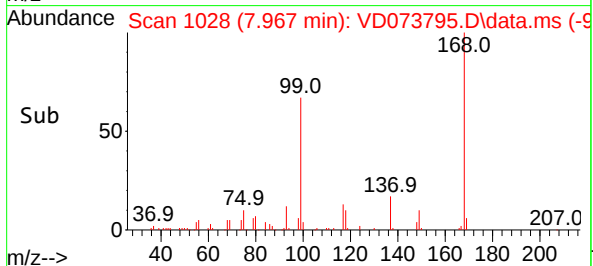
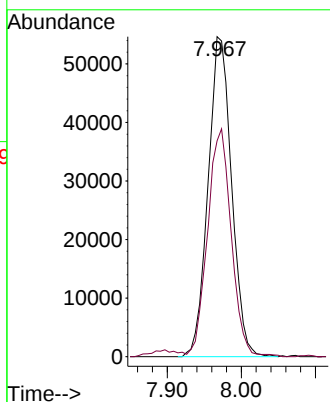
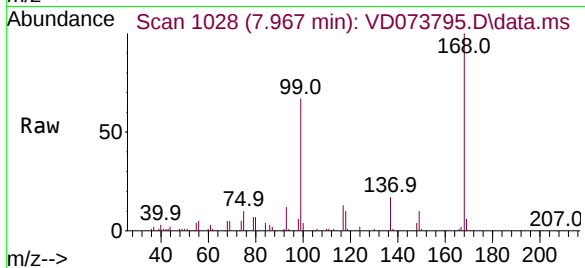




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

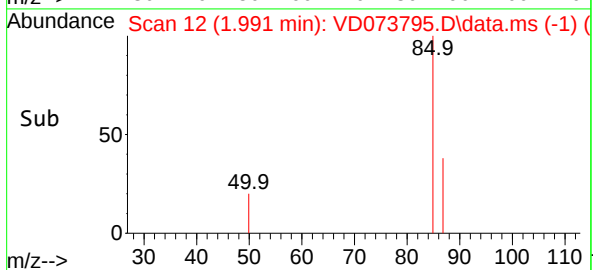
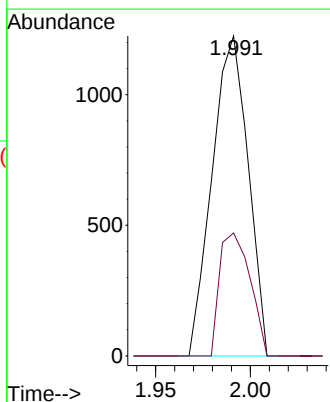
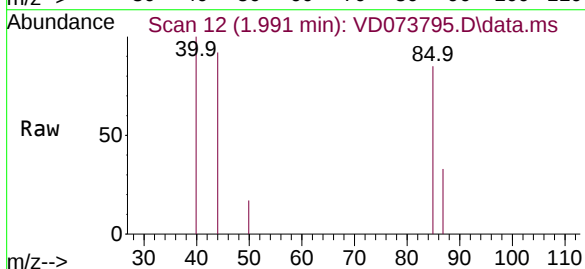
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

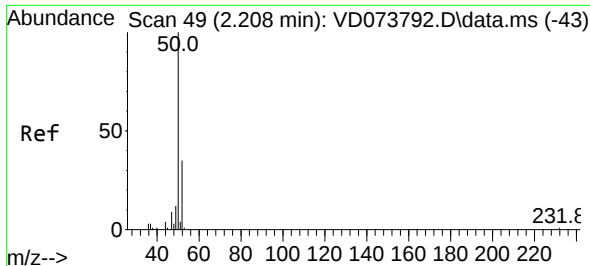
Tgt Ion:168 Resp: 120305
Ion Ratio Lower Upper
168 100
99 67.0 58.4 87.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 85 Resp: 1616
Ion Ratio Lower Upper
85 100
87 38.4 16.2 48.5

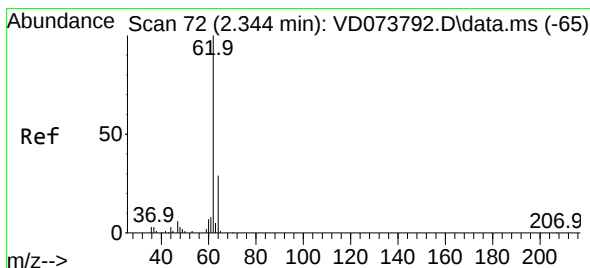
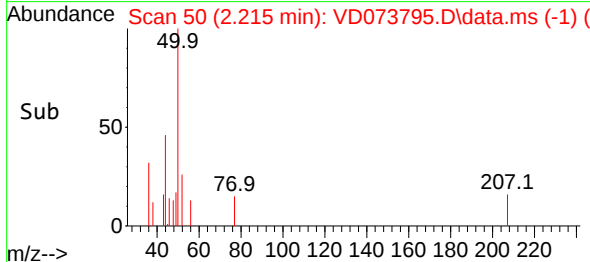
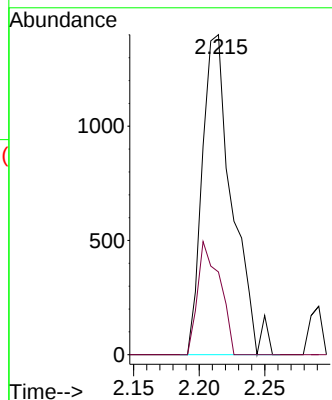
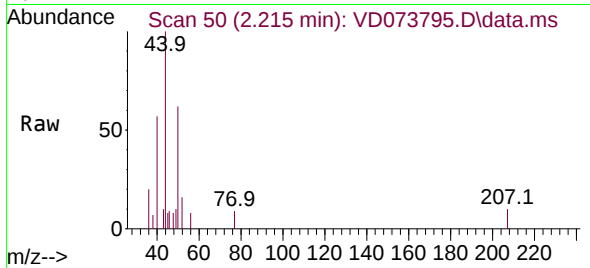




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.007 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

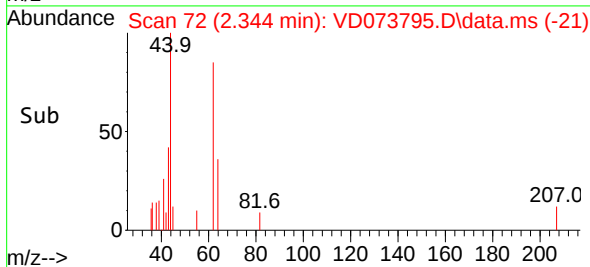
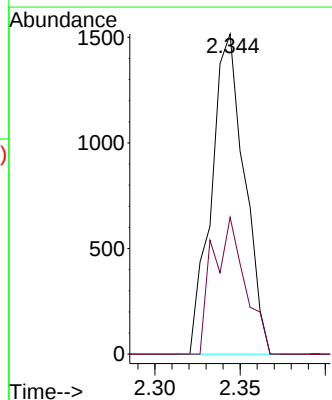
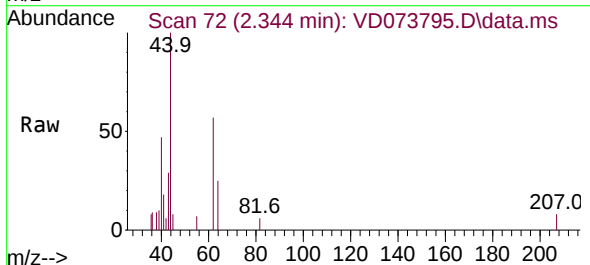
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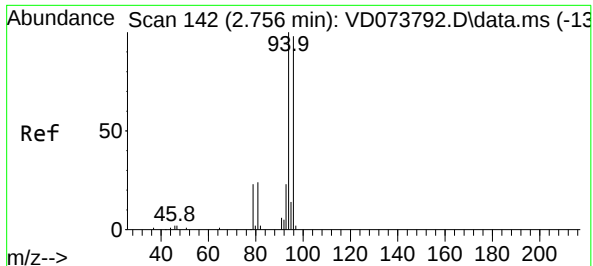
Tgt Ion: 50 Resp: 2230
Ion Ratio Lower Upper
50 100
52 25.8 27.8 41.6#



#4
Vinyl Chloride
Concen: 1.620 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 62 Resp: 2046
Ion Ratio Lower Upper
62 100
64 42.7 23.4 35.2#

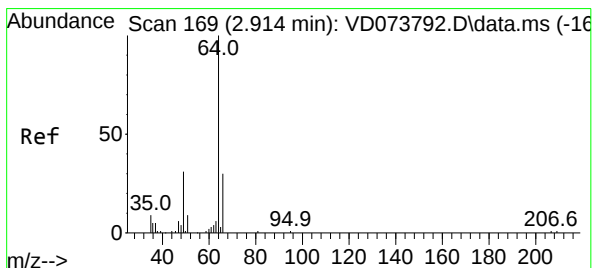
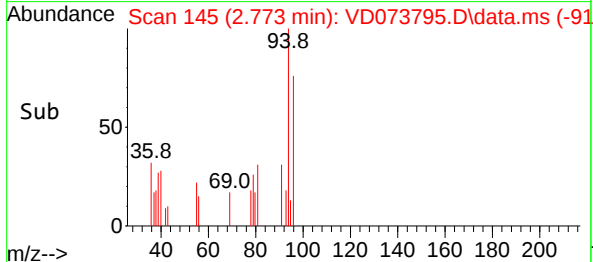
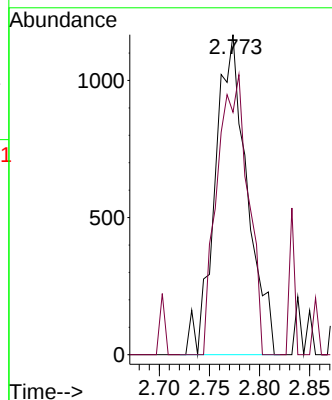
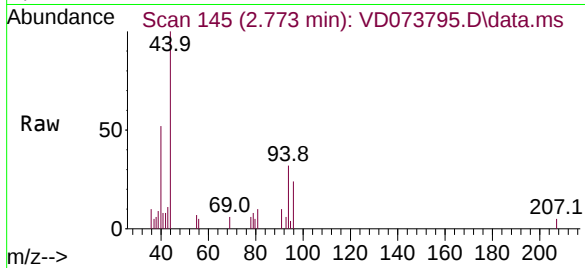




#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 142
Delta R.T. 0.017 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

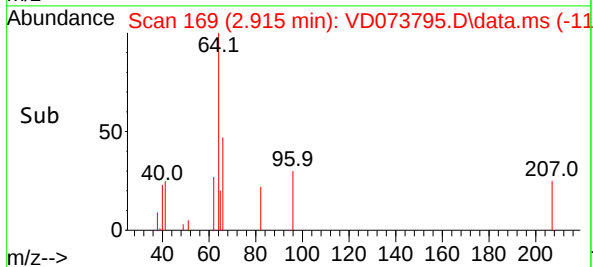
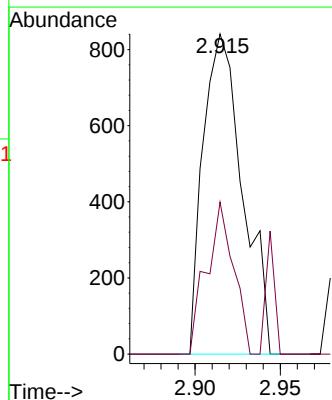
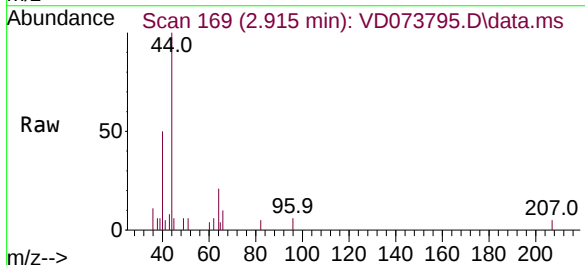
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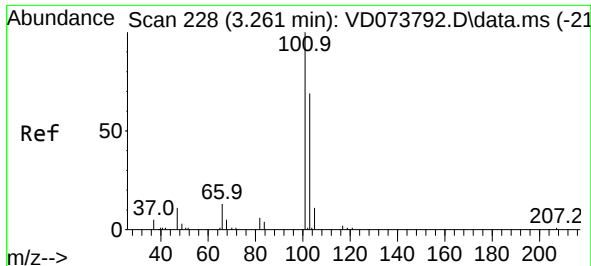
Tgt Ion: 94 Resp: 2598
Ion Ratio Lower Upper
94 100
96 75.7 78.3 117.5#



#6
Chloroethane
Concen: 1.418 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 64 Resp: 1361
Ion Ratio Lower Upper
64 100
66 47.4 23.7 35.5#

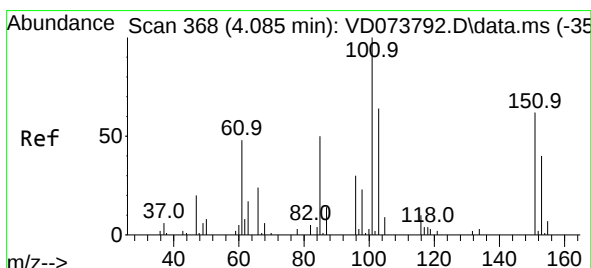
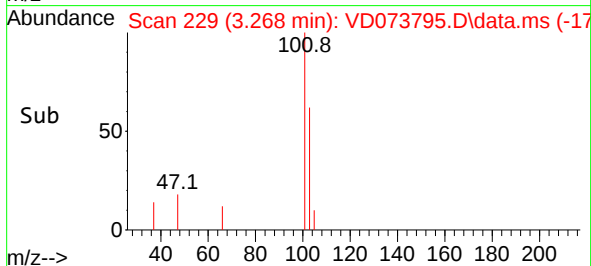
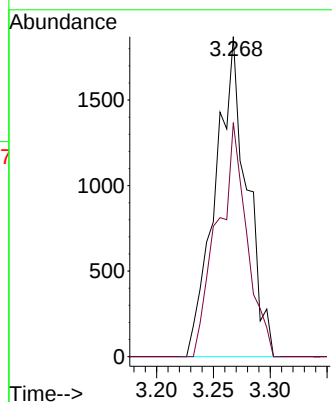
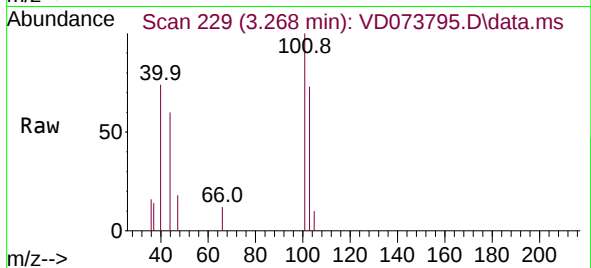




#7
 Trichlorofluoromethane
 Concen: 1.882 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD073795.D
 Acq: 06 Jul 2022 16:46

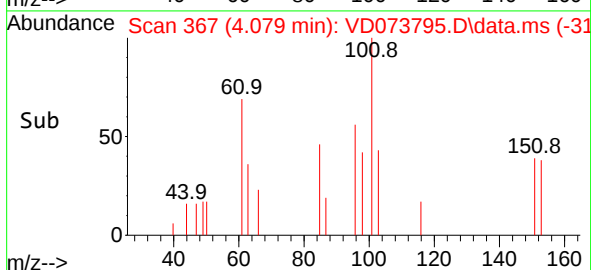
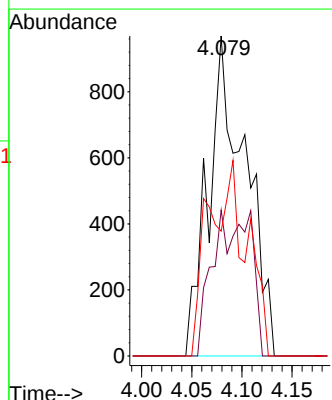
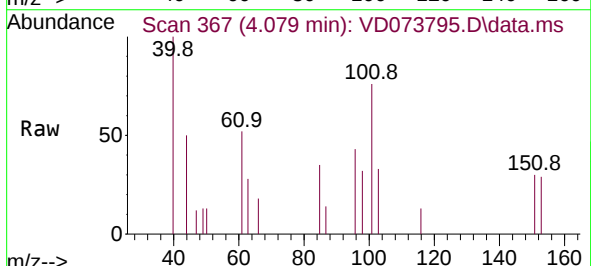
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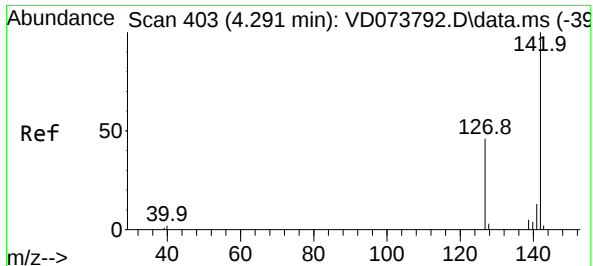
Tgt Ion:101 Resp: 3611
 Ion Ratio Lower Upper
 101 100
 103 73.2 55.4 83.2



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.040 ug/l
 RT: 4.079 min Scan# 367
 Delta R.T. -0.006 min
 Lab File: VD073795.D
 Acq: 06 Jul 2022 16:46

Tgt Ion:101 Resp: 2503
 Ion Ratio Lower Upper
 101 100
 85 21.1 38.8 58.2#
 151 10.5 54.4 81.6#

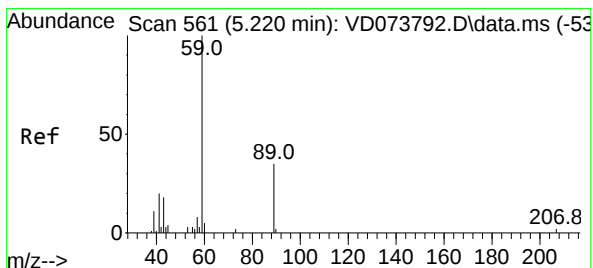
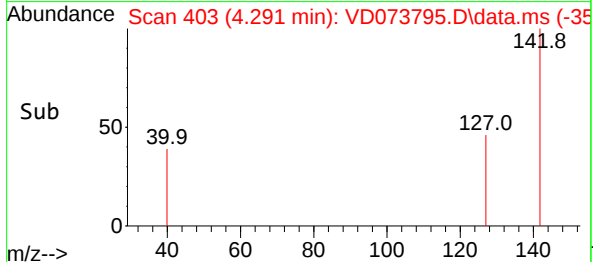
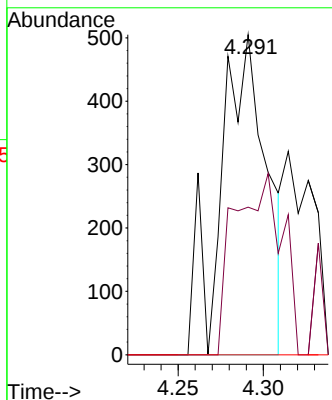
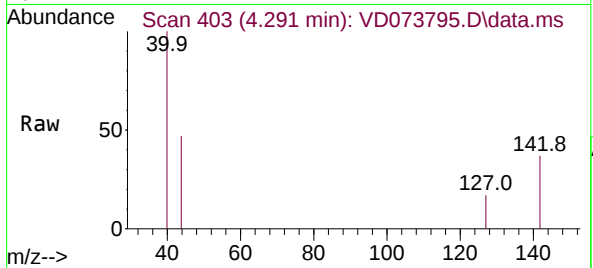




#10
Methyl Iodide
Concen: 1.140 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

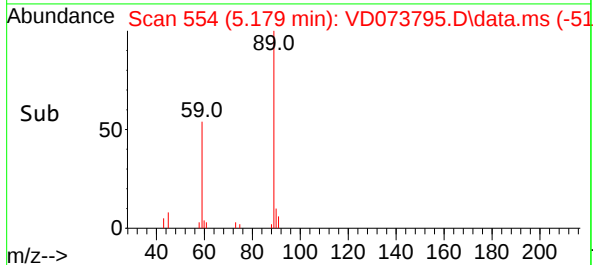
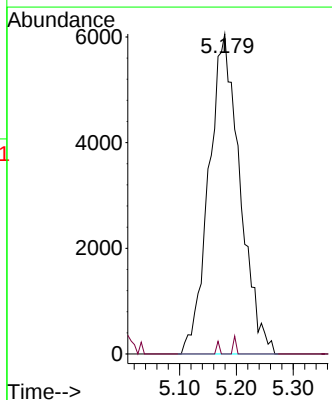
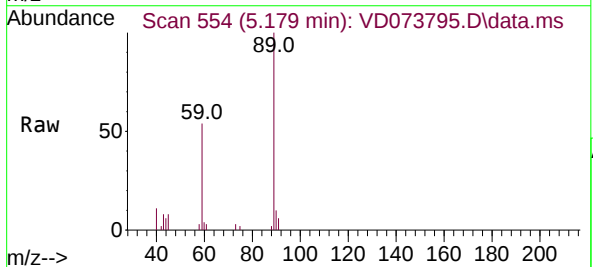
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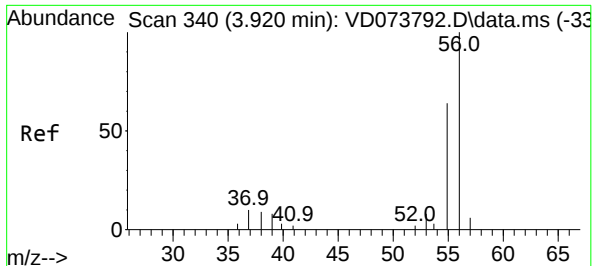
Tgt Ion:142 Resp: 955
Ion Ratio Lower Upper
142 100
127 58.6 39.7 59.5
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 53.099 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 59 Resp: 23056
Ion Ratio Lower Upper
59 100
57 0.4 2.4 3.6#

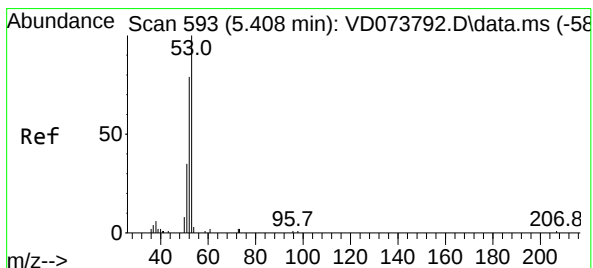
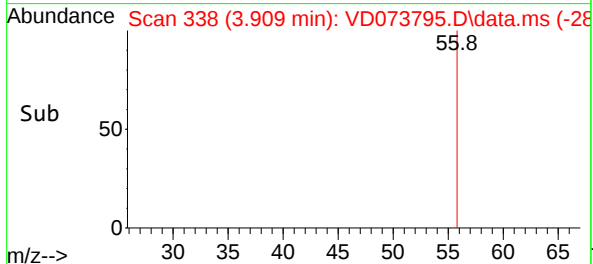
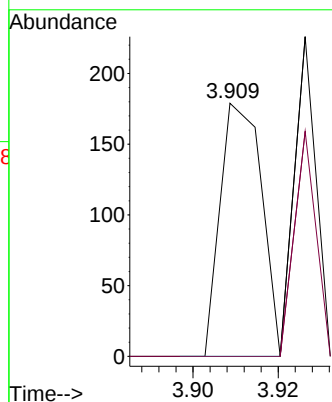
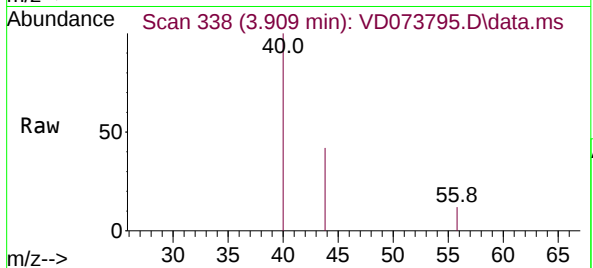




#13
Acrolein
Concen: 22.638 ug/l
RT: 3.909 min Scan# 31
Delta R.T. -0.011 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

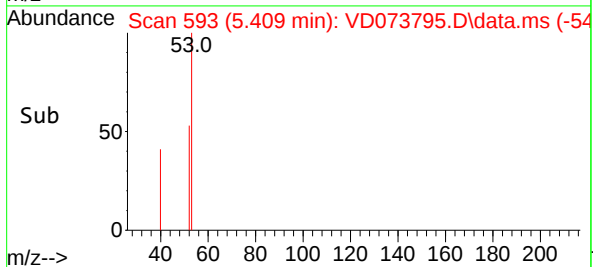
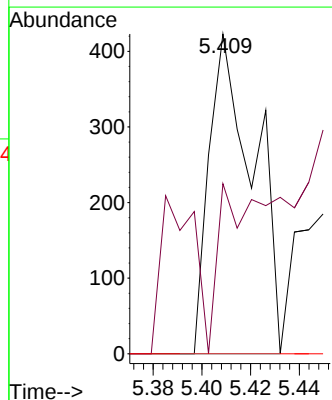
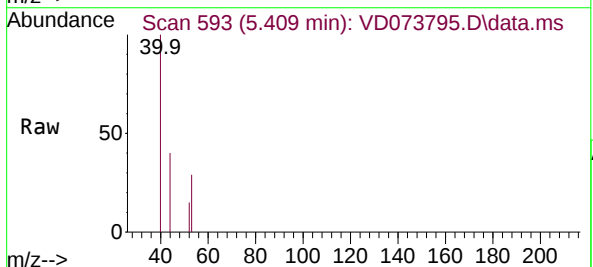
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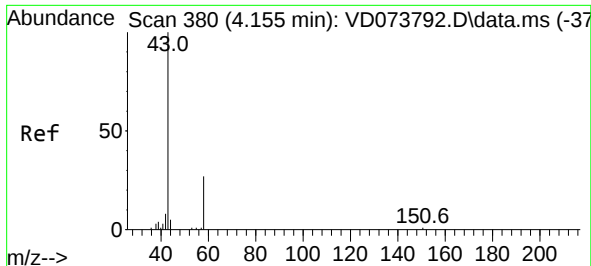
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Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#15
Acrylonitrile
Concen: 1.543 ug/l
RT: 5.409 min Scan# 593
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 53 Resp: 538
Ion Ratio Lower Upper
53 100
52 0.0 65.9 98.9#
51 0.0 29.7 44.5#

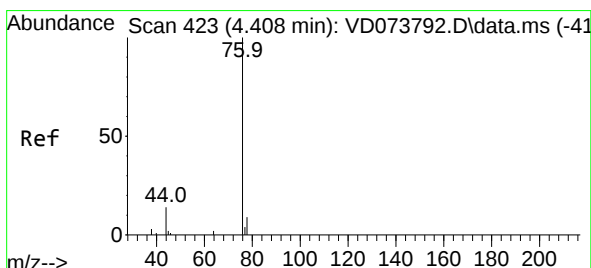
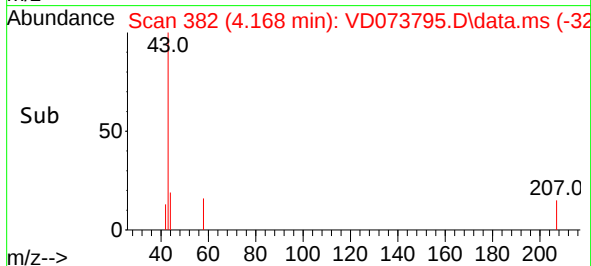
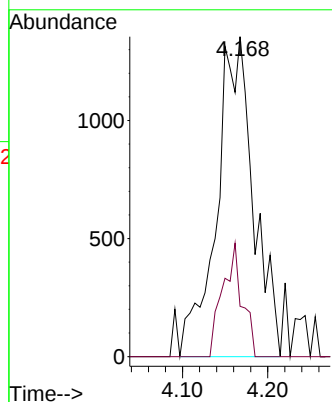
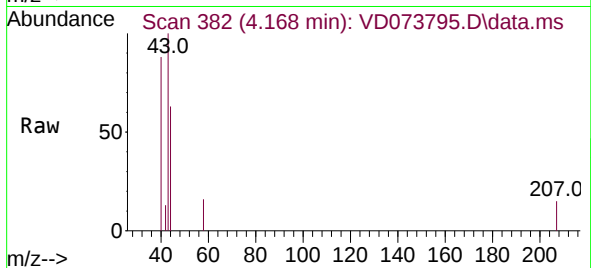




#16
Acetone
Concen: 13.885 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

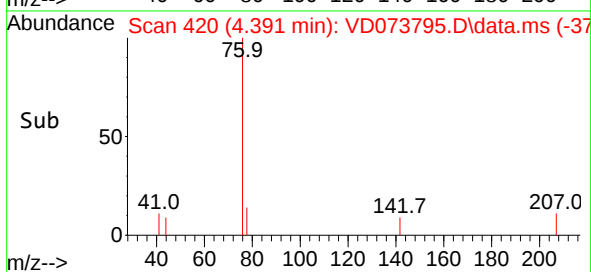
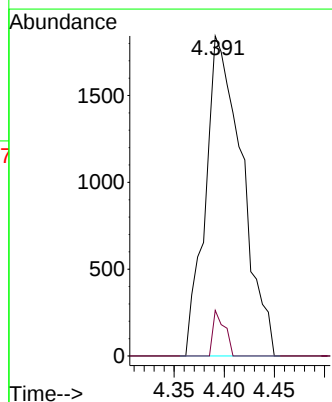
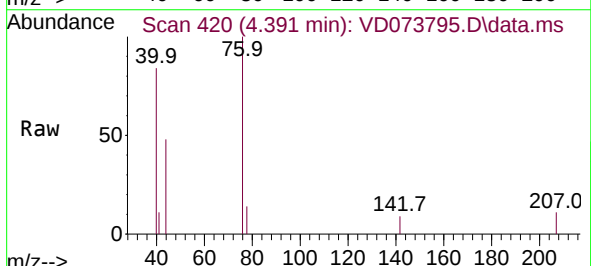
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

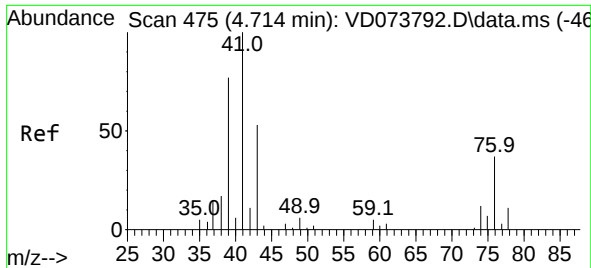
Tgt Ion: 43 Resp: 4064
Ion Ratio Lower Upper
43 100
58 15.7 21.3 31.9#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.391 min Scan# 420
Delta R.T. -0.017 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 76 Resp: 4670
Ion Ratio Lower Upper
76 100
78 14.3 6.8 10.2#

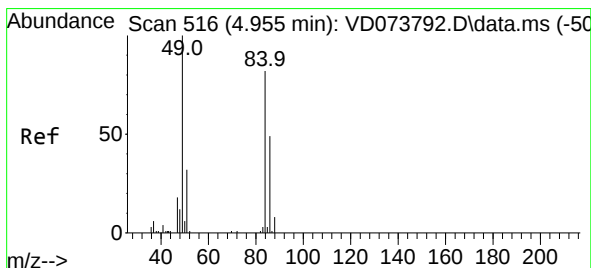
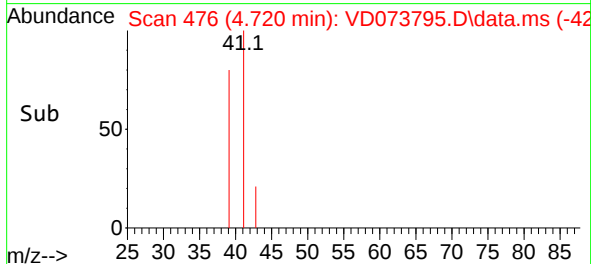
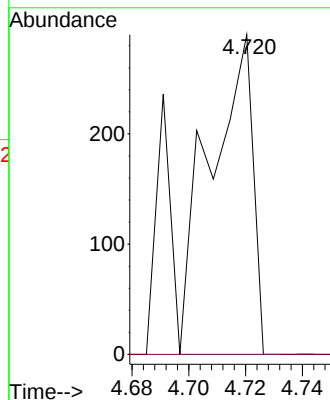
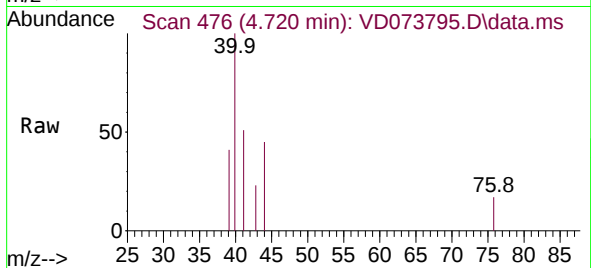




#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

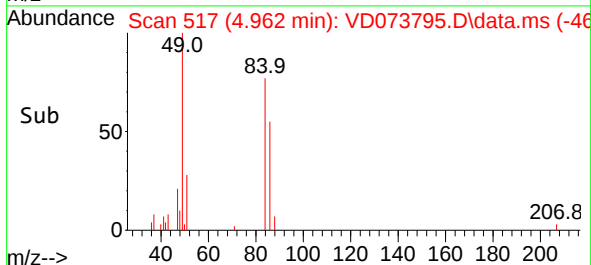
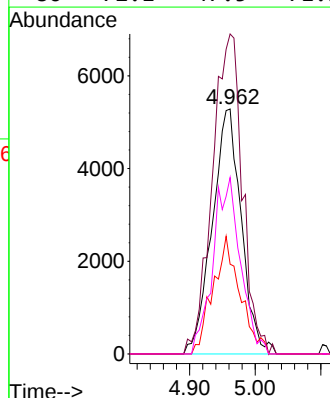
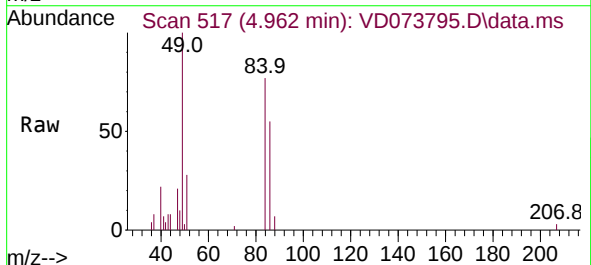
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

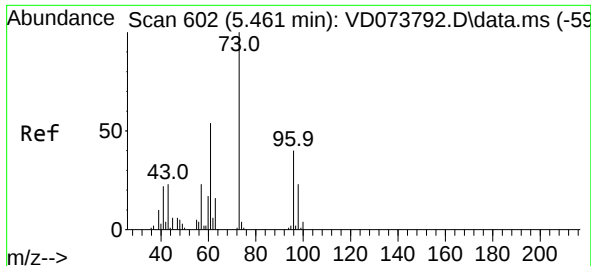
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#20
Methylene Chloride
Concen: 4.826 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.007 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 84 Resp: 16268
Ion Ratio Lower Upper
84 100
49 130.6 97.4 146.2
51 36.7 30.8 46.2
86 72.1 47.5 71.3#

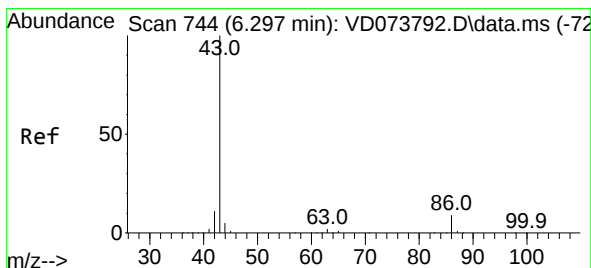
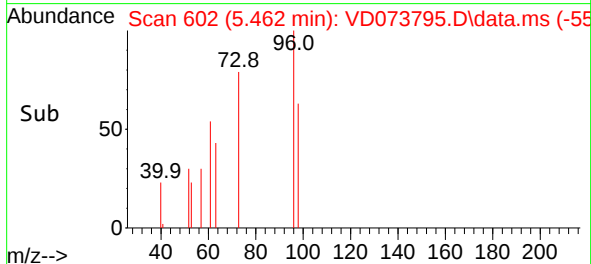
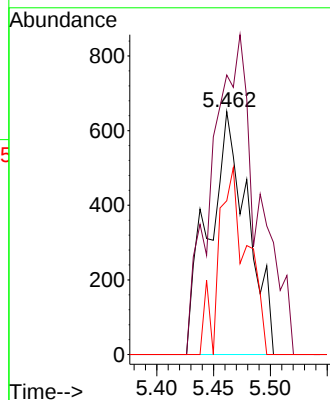
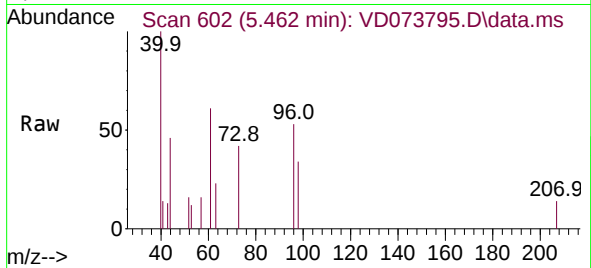




#21
trans-1,2-Dichloroethene
Concen: 1.350 ug/l
RT: 5.462 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

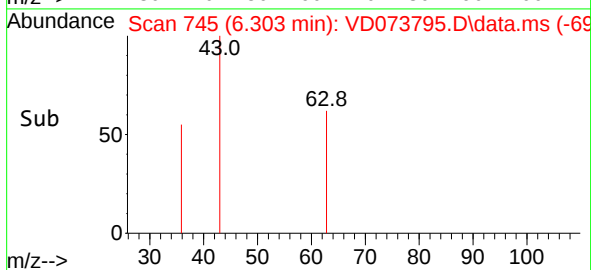
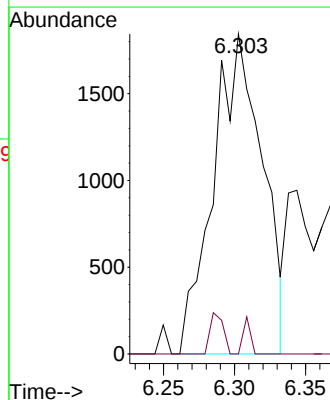
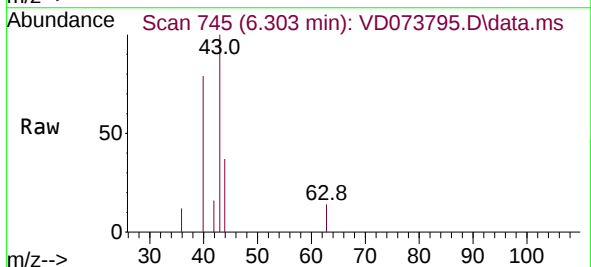
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

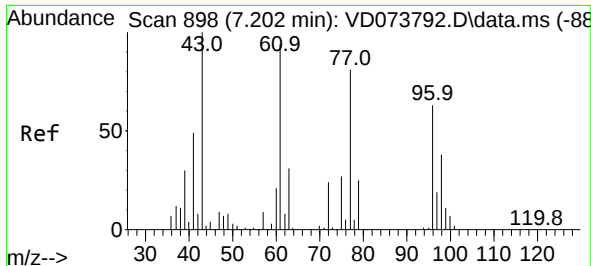
Tgt Ion: 96 Resp: 1551
Ion Ratio Lower Upper
96 100
61 115.1 108.2 162.2
98 63.3 45.4 68.0



#23
Vinyl Acetate
Concen: 1.721 ug/l
RT: 6.303 min Scan# 745
Delta R.T. 0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 43 Resp: 4432
Ion Ratio Lower Upper
43 100
86 0.0 7.6 11.4#





#25

2-Butanone

Concen: 7.722 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.006 min

Lab File: VD073795.D

Acq: 06 Jul 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

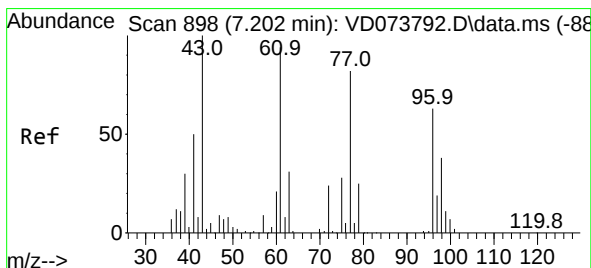
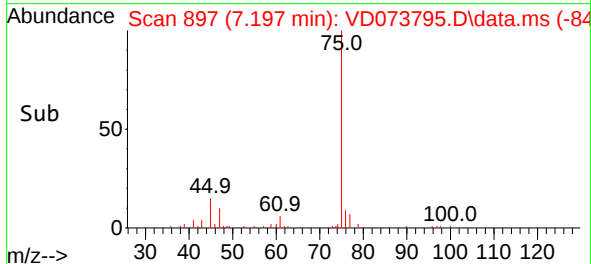
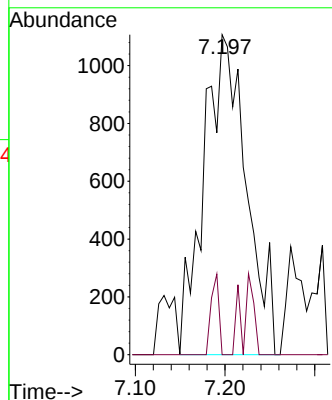
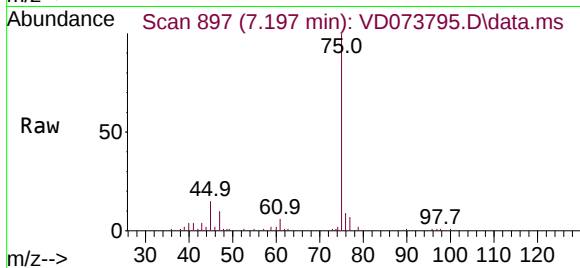
VIBLK

Tgt Ion: 43 Resp: 3667

Ion Ratio Lower Upper

43 100

72 0.0 18.8 28.2#



#26

2,2-Dichloropropane

Concen: 2.825 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073795.D

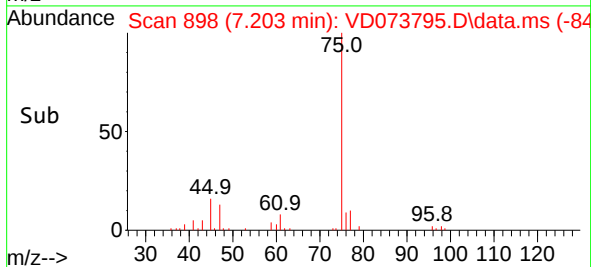
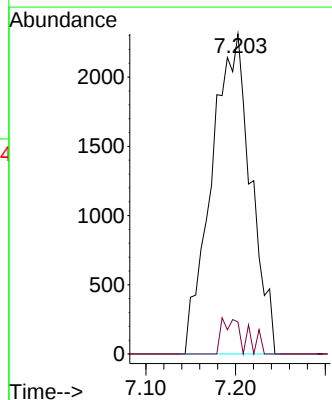
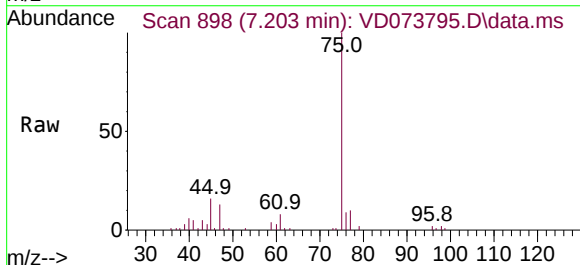
Acq: 06 Jul 2022 16:46

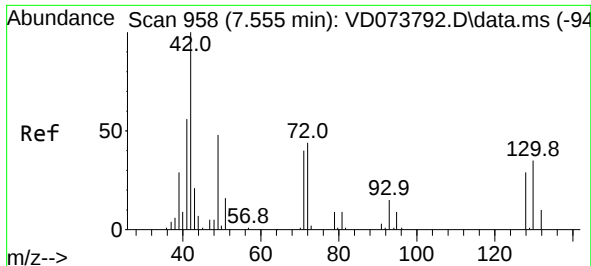
Tgt Ion: 77 Resp: 7027

Ion Ratio Lower Upper

77 100

97 4.6 10.8 32.4#





#29

Tetrahydrofuran

Concen: 3.530 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073795.D

Acq: 06 Jul 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

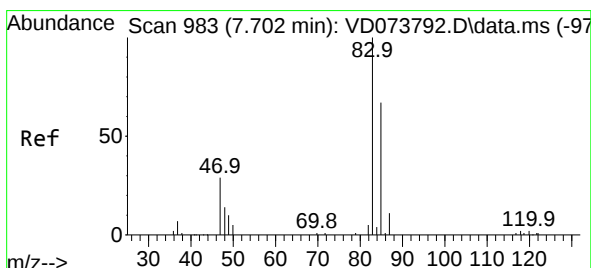
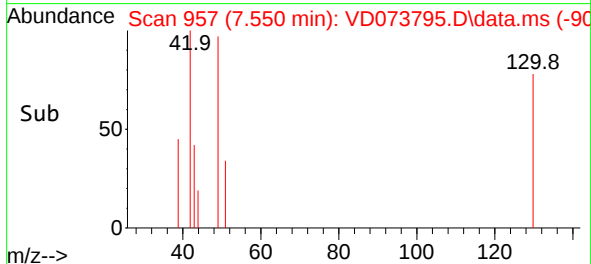
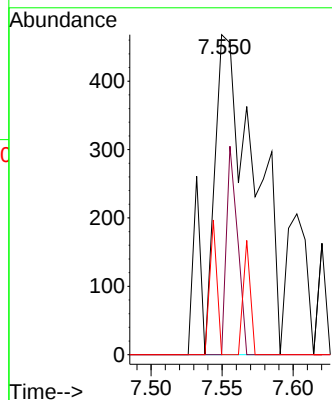
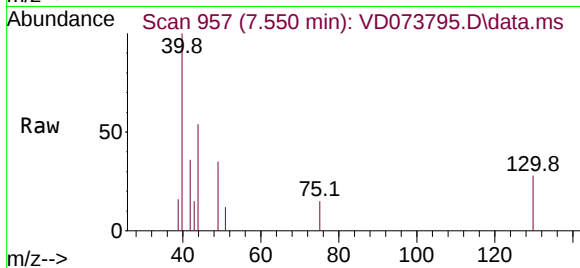
Tgt Ion: 42 Resp: 994

Ion Ratio Lower Upper

42 100

72 16.5 34.6 52.0#

71 6.9 33.0 49.6#



#30

Chloroform

Concen: 1.119 ug/l

RT: 7.691 min Scan# 981

Delta R.T. -0.011 min

Lab File: VD073795.D

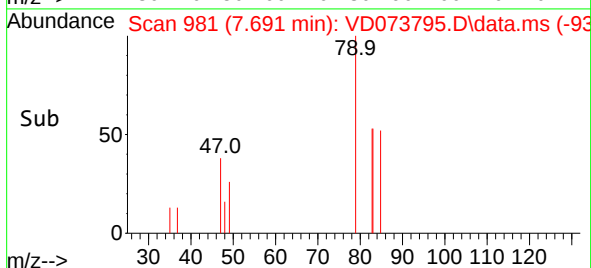
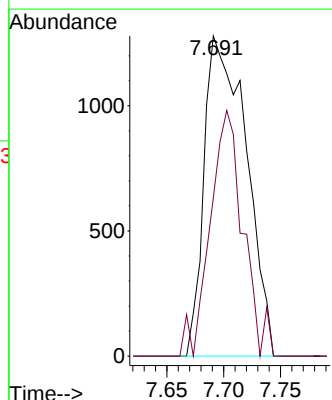
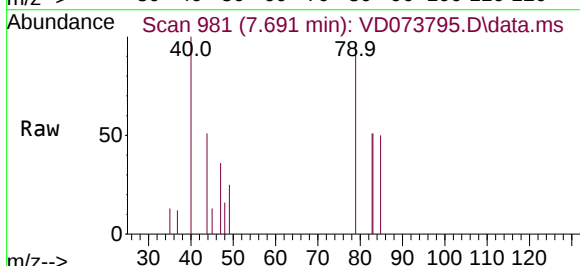
Acq: 06 Jul 2022 16:46

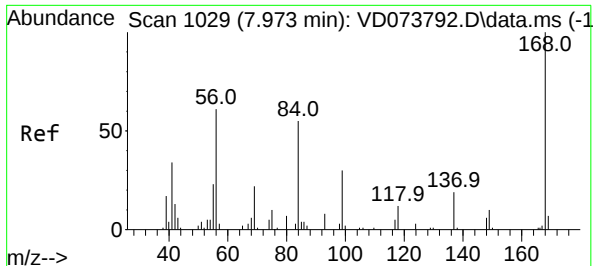
Tgt Ion: 83 Resp: 3284

Ion Ratio Lower Upper

83 100

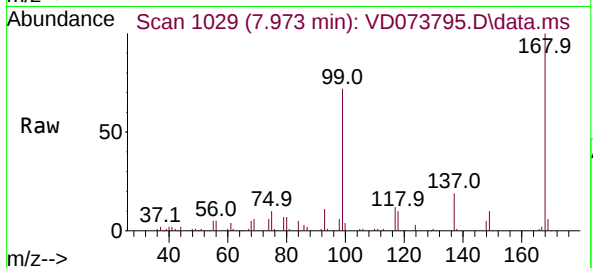
85 49.4 53.4 80.0#



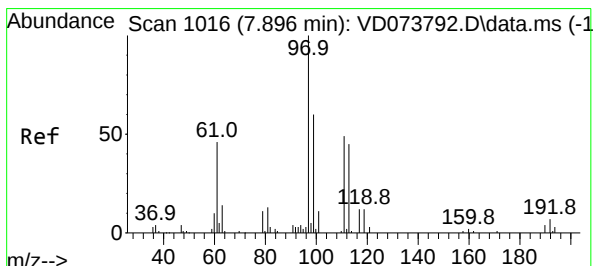
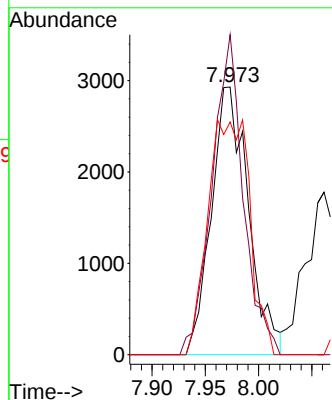
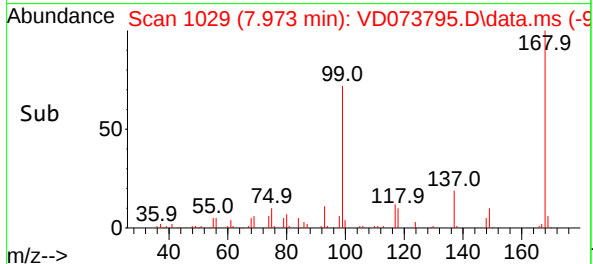


#31
Cyclohexane
Concen: Below Cal
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

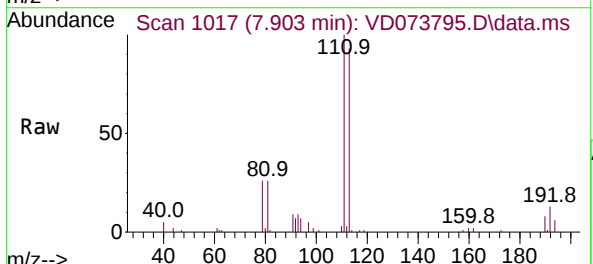
Instrument :
MSVOA_D
ClientSampleId :
VIBLK



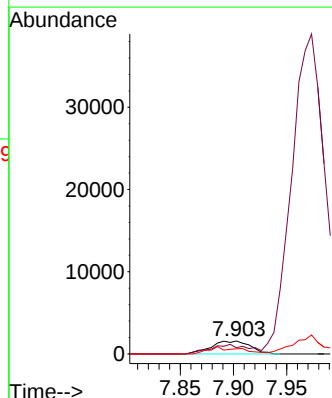
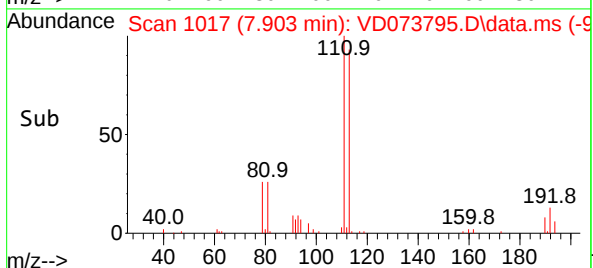
Tgt Ion: 56 Resp: 7078
Ion Ratio Lower Upper
56 100
69 119.5 29.4 44.2#
84 86.9 72.1 108.1

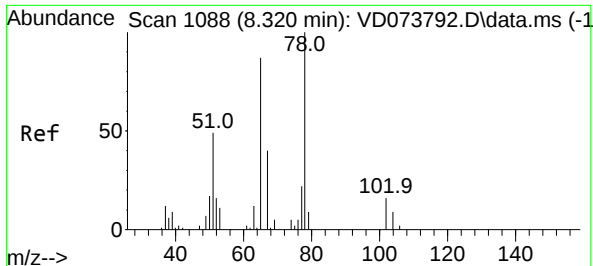


#32
1,1,1-Trichloroethane
Concen: 1.617 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46



Tgt Ion: 97 Resp: 4001
Ion Ratio Lower Upper
97 100
99 74.1 49.8 74.8
61 26.6 35.8 53.6#





#33

1,2-Dichloroethane-d4

Concen: 58.707 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073795.D

Acq: 06 Jul 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

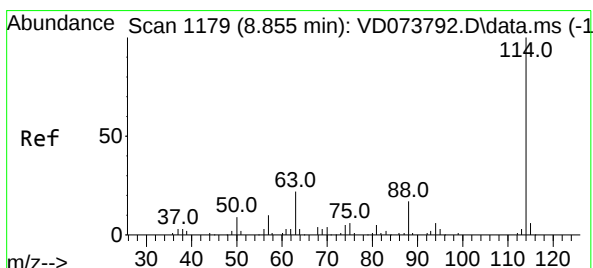
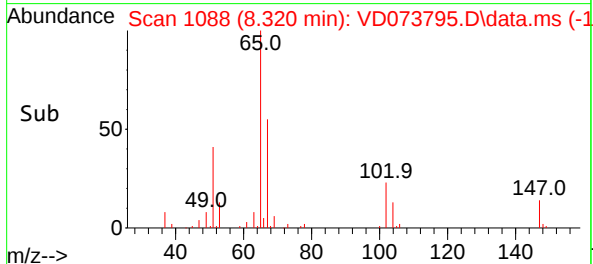
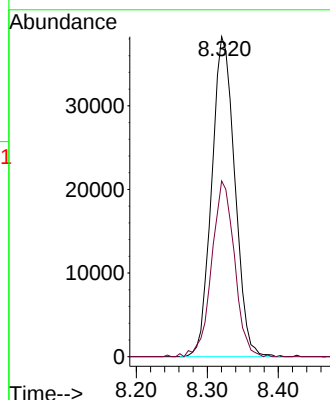
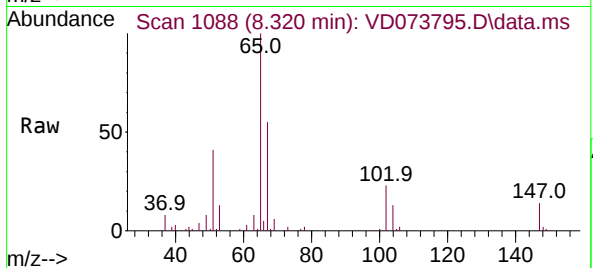
VIBLK

Tgt Ion: 65 Resp: 86390

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073795.D

Acq: 06 Jul 2022 16:46

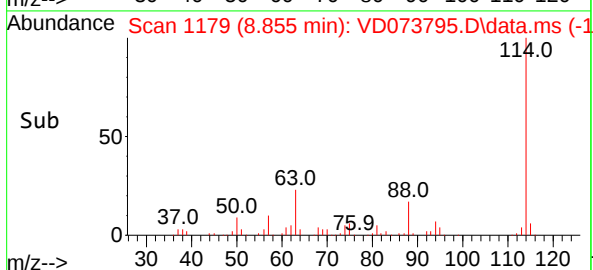
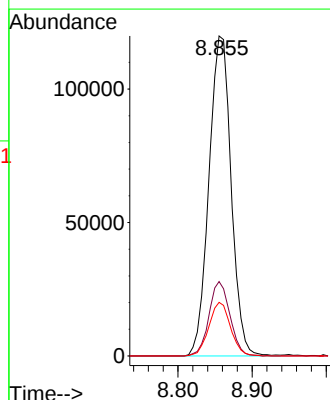
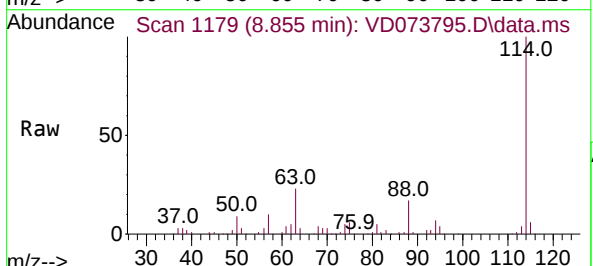
Tgt Ion: 114 Resp: 249625

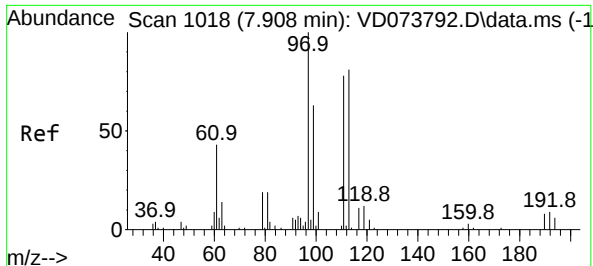
Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.2

88 16.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 53.139 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073795.D

Acq: 06 Jul 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

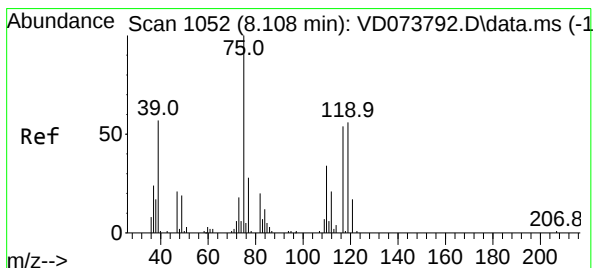
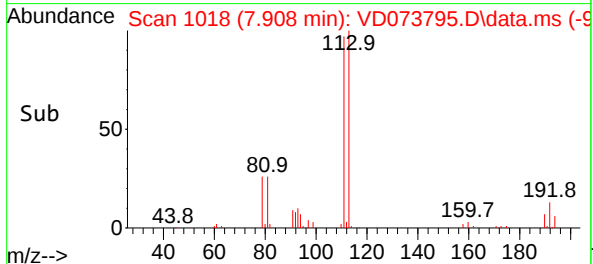
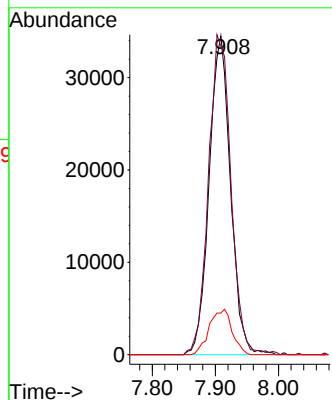
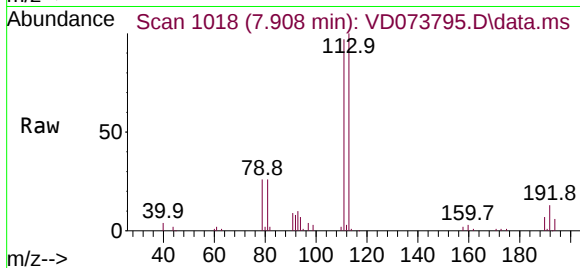
Tgt Ion:113 Resp: 81168

Ion Ratio Lower Upper

113 100

111 105.3 82.7 124.1

192 15.2 11.7 17.5



#36

1,1-Dichloropropene

Concen: 1.830 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073795.D

Acq: 06 Jul 2022 16:46

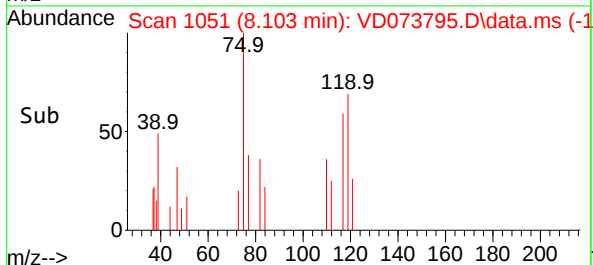
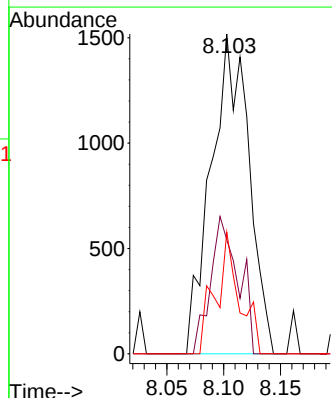
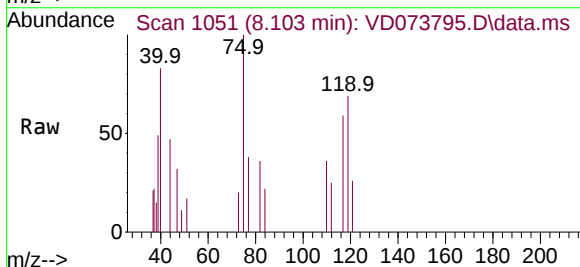
Tgt Ion: 75 Resp: 3507

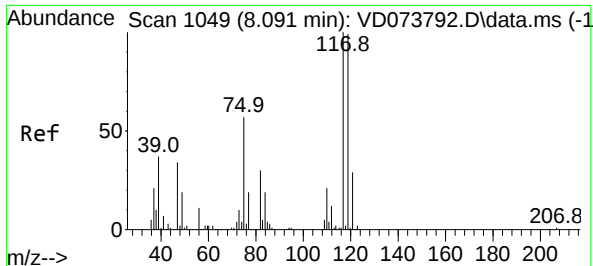
Ion Ratio Lower Upper

75 100

110 31.7 16.9 50.7

77 24.0 24.8 37.2#

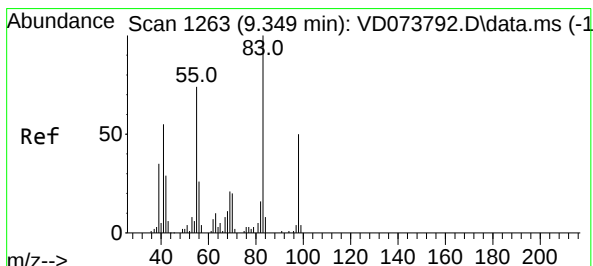
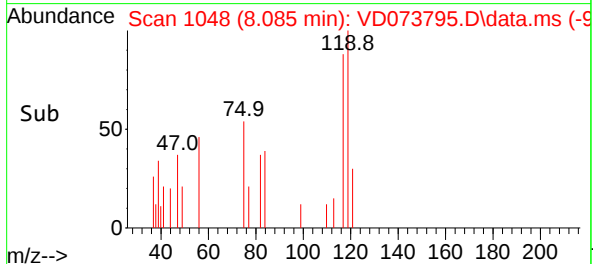
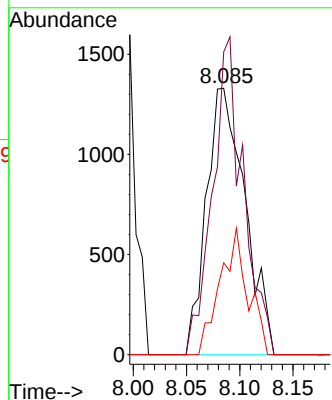
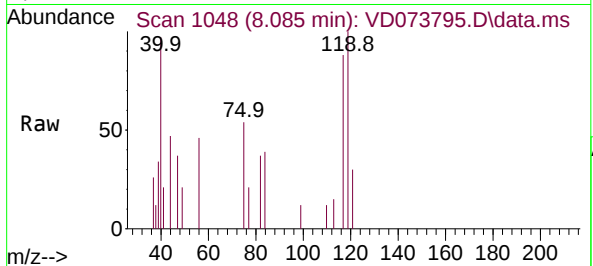




#38
Carbon Tetrachloride
Concen: 1.536 ug/l
RT: 8.085 min Scan# 1048
Delta R.T. -0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

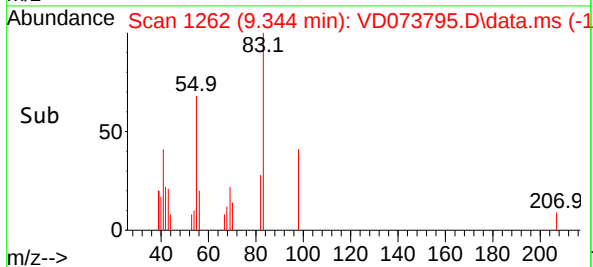
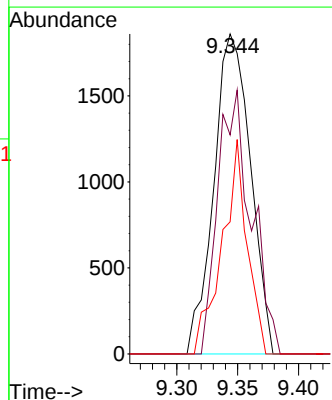
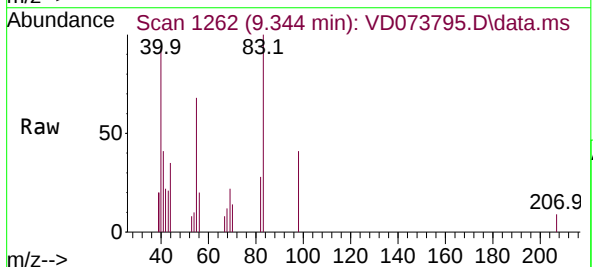
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

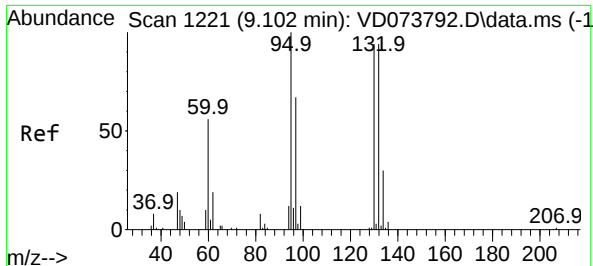
Tgt Ion:117 Resp: 3362
Ion Ratio Lower Upper
117 100
119 113.7 79.3 118.9
121 34.5 22.9 34.3#



#39
Methylcyclohexane
Concen: 1.931 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 83 Resp: 3902
Ion Ratio Lower Upper
83 100
55 68.4 59.3 88.9
98 41.3 40.4 60.6





#44

Trichloroethene

Concen: 1.160 ug/l

RT: 9.108 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073795.D

Acq: 06 Jul 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

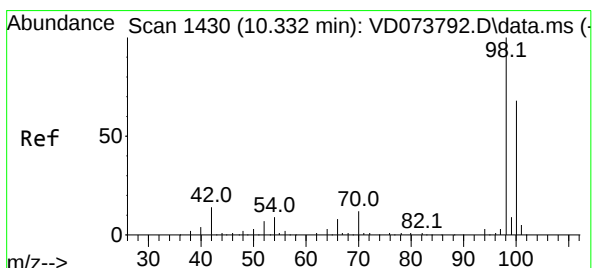
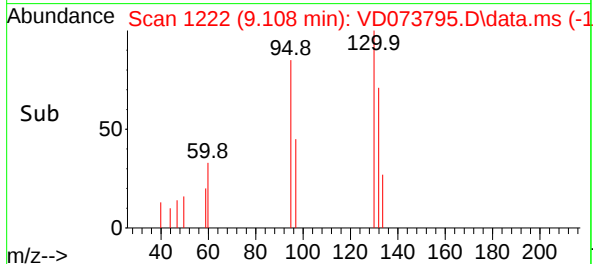
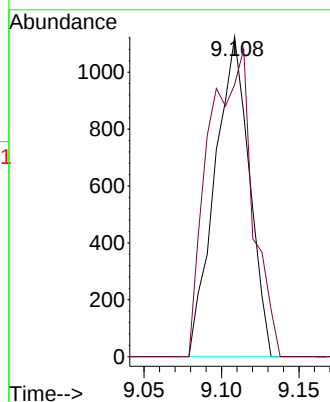
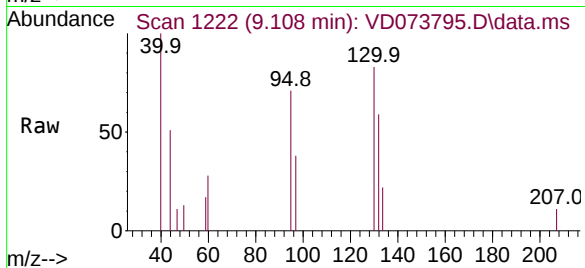
VIBLK

Tgt Ion:130 Resp: 1737

Ion Ratio Lower Upper

130 100

95 85.0 0.0 212.6



#50

Toluene-d8

Concen: 60.707 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073795.D

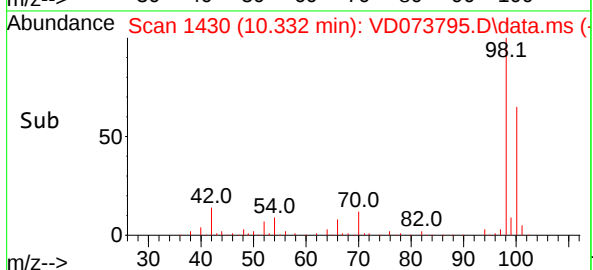
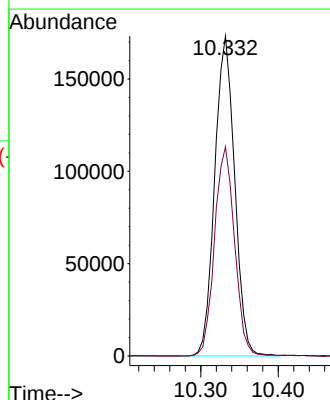
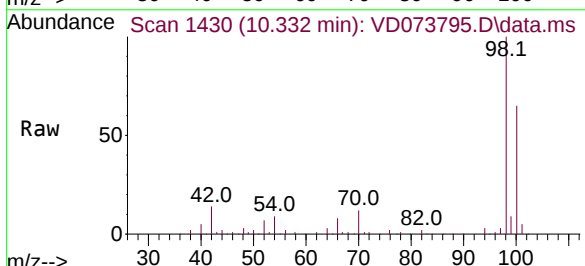
Acq: 06 Jul 2022 16:46

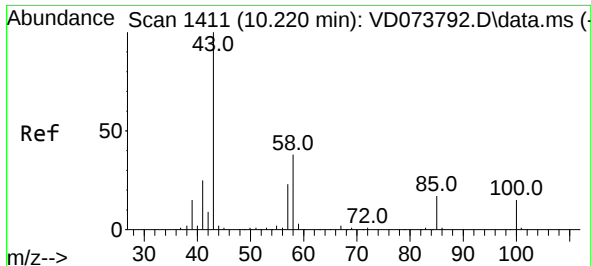
Tgt Ion: 98 Resp: 309570

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9

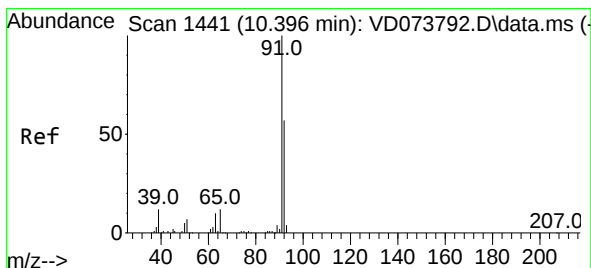
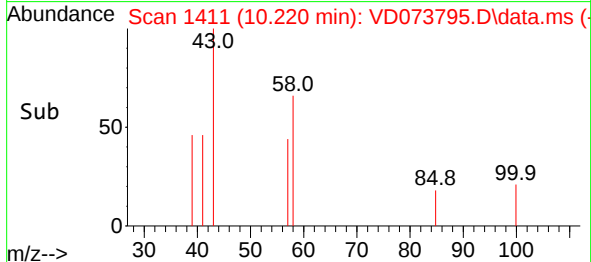
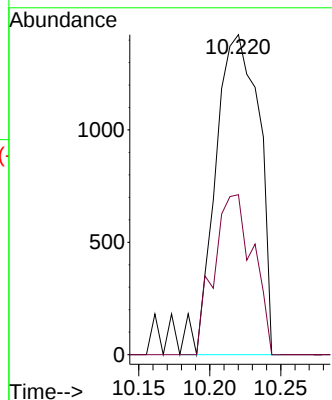
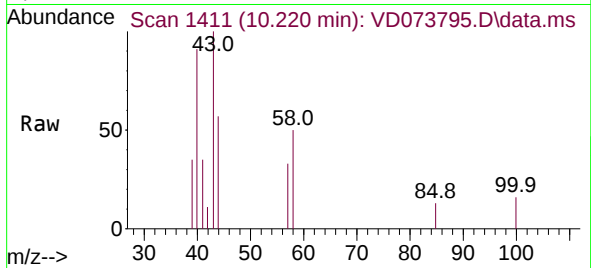




#51
4-Methyl-2-Pentanone
Concen: 2.513 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

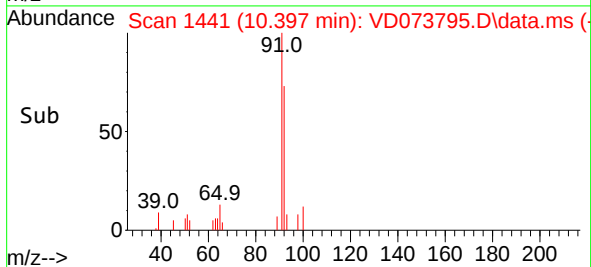
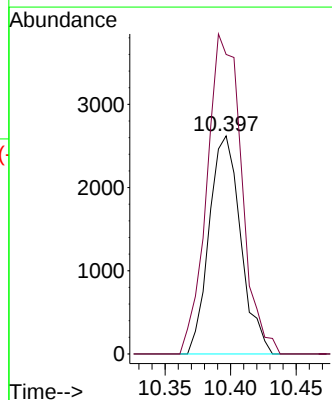
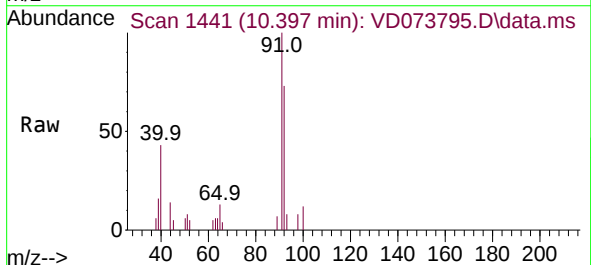
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

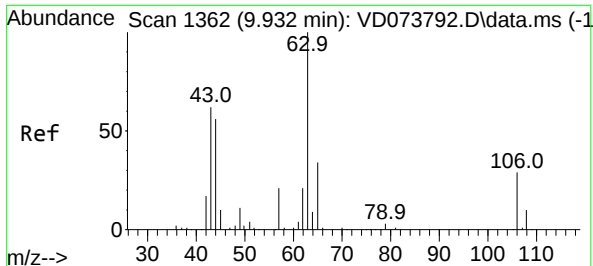
Tgt Ion: 43 Resp: 3041
Ion Ratio Lower Upper
43 100
58 45.0 30.1 45.1



#52
Toluene
Concen: 1.159 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 92 Resp: 4383
Ion Ratio Lower Upper
92 100
91 161.7 137.4 206.0

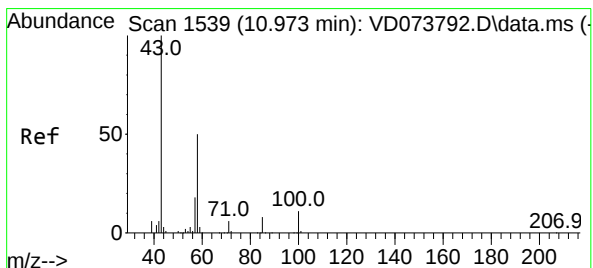
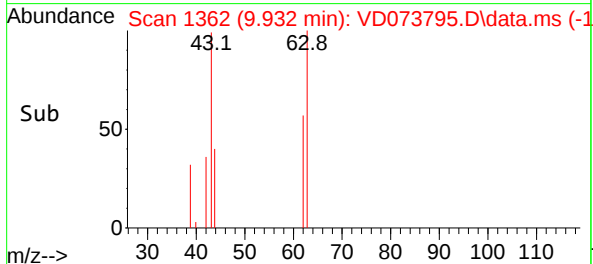
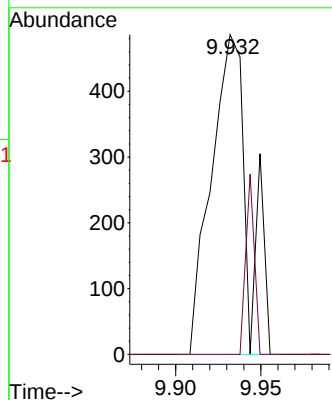
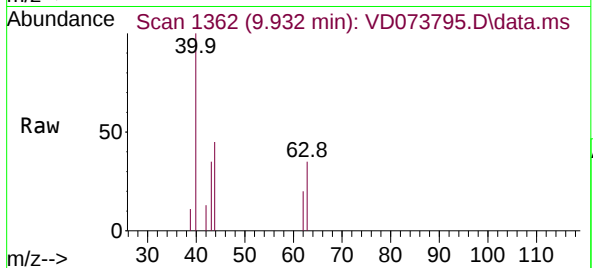




#58
2-Chloroethyl Vinyl ether
Concen: 1.069 ug/l
RT: 9.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

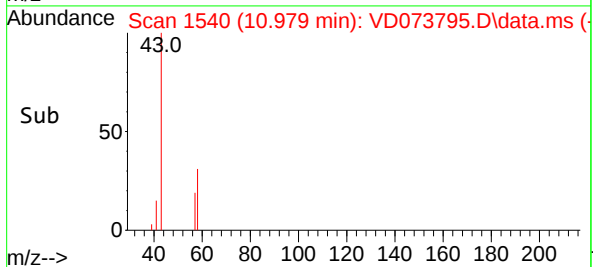
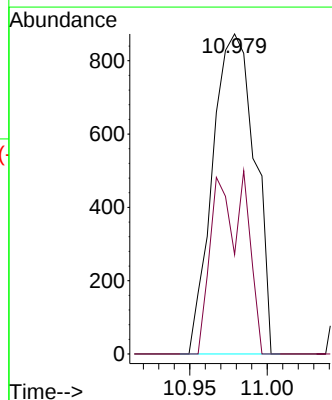
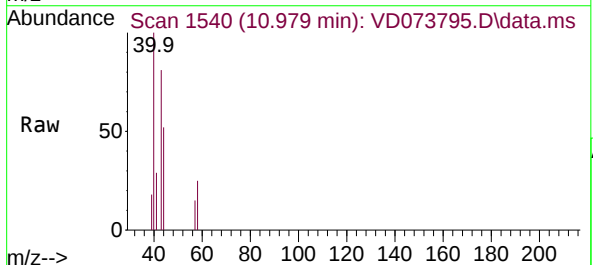
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

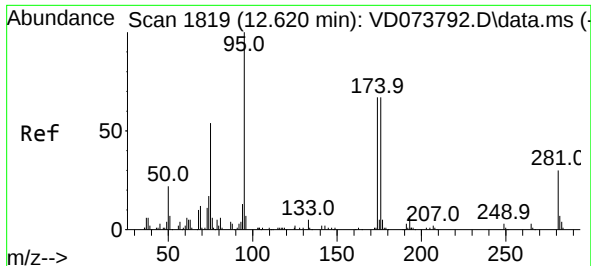
Tgt Ion: 63 Resp: 725
Ion Ratio Lower Upper
63 100
106 13.4 22.2 33.4#



#59
2-Hexanone
Concen: 2.046 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 43 Resp: 1654
Ion Ratio Lower Upper
43 100
58 45.5 26.2 78.6

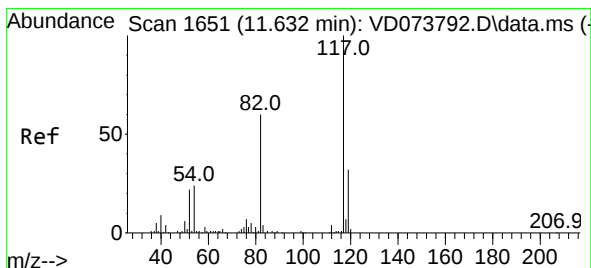
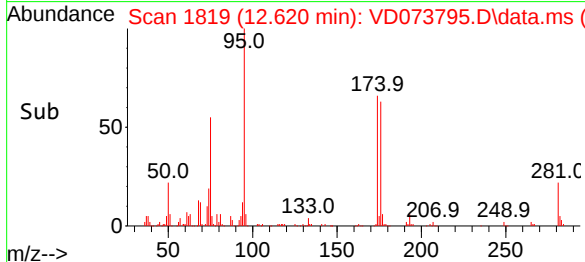
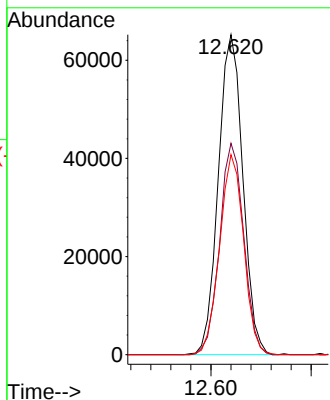
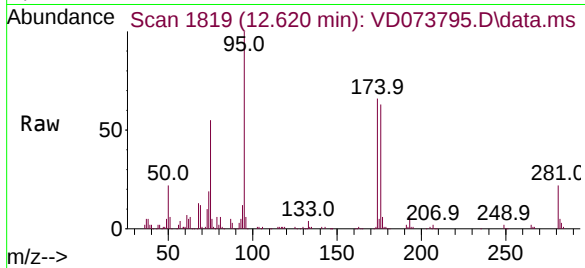




#62
4-Bromofluorobenzene
Concen: 53.617 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

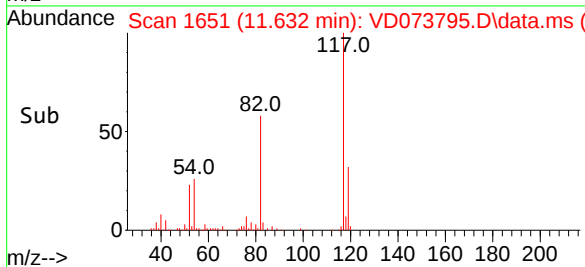
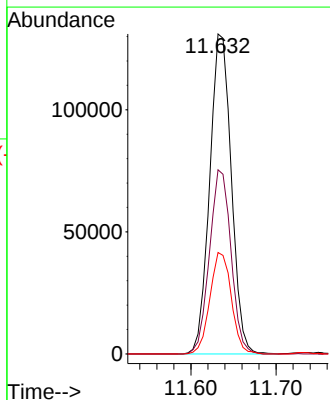
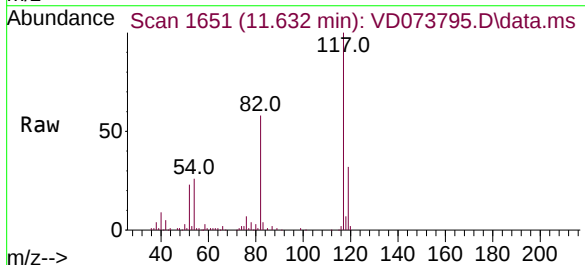
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

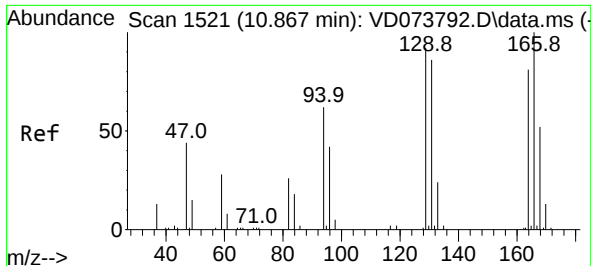
Tgt Ion: 95 Resp: 110704
Ion Ratio Lower Upper
95 100
174 64.9 0.0 132.4
176 61.3 0.0 129.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 117 Resp: 231011
Ion Ratio Lower Upper
117 100
82 57.6 48.2 72.2
119 31.7 25.2 37.8

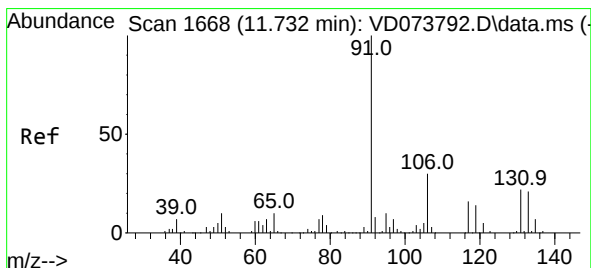
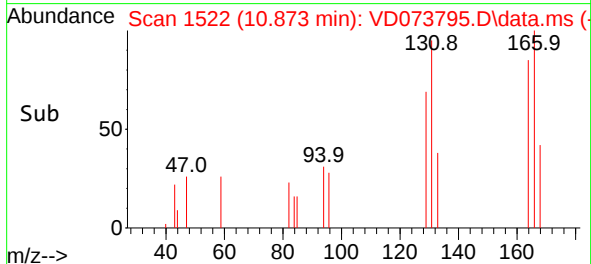
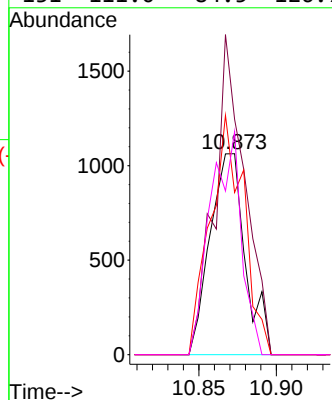
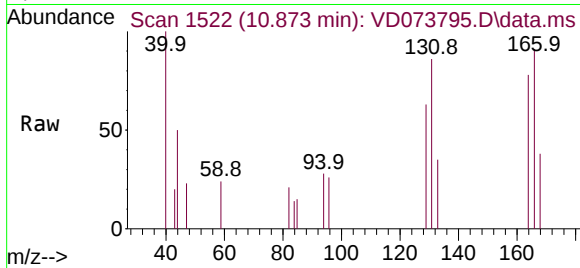




#64
Tetrachloroethene
Concen: 1.474 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

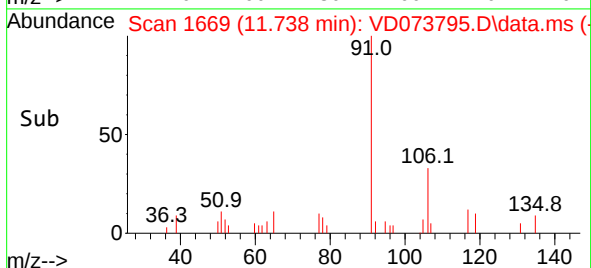
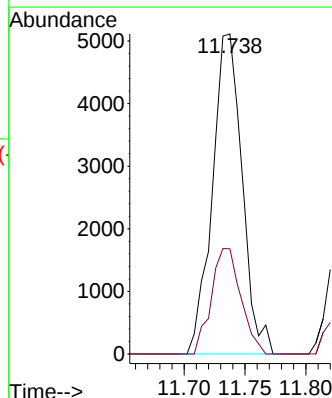
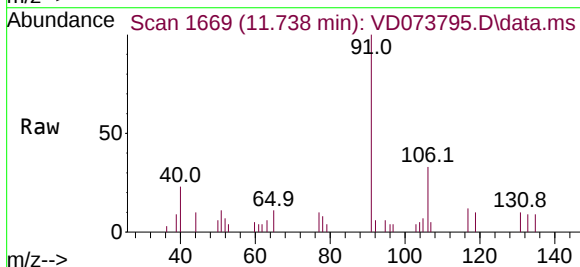
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

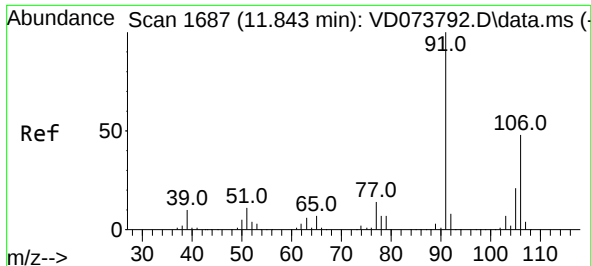
Tgt Ion:164 Resp: 1677
Ion Ratio Lower Upper
164 100
166 117.1 98.8 148.2
129 80.7 91.0 136.4#
131 111.0 84.5 126.7



#67
Ethyl Benzene
Concen: 1.100 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 91 Resp: 8707
Ion Ratio Lower Upper
91 100
106 32.8 24.1 36.1

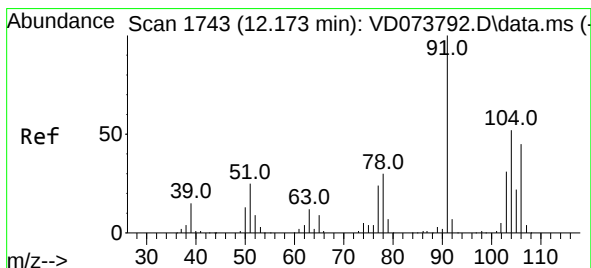
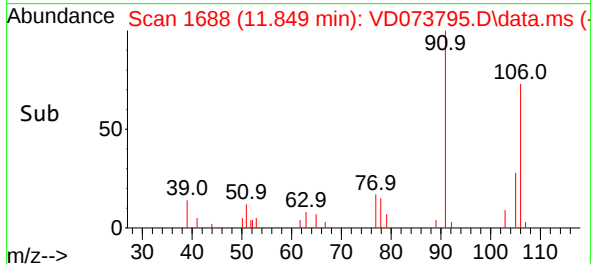
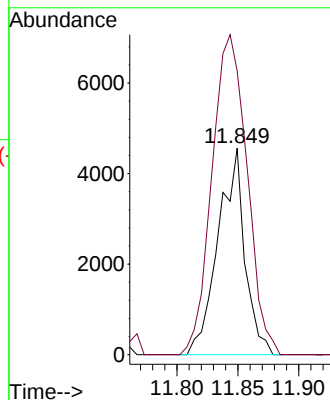
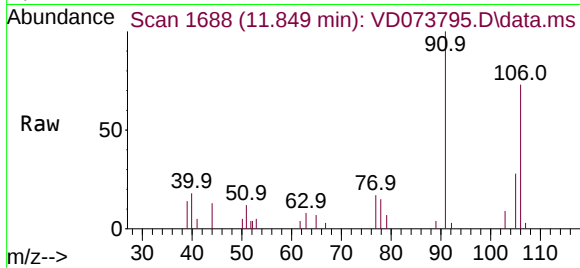




#68
m/p-Xylenes
Concen: 2.345 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

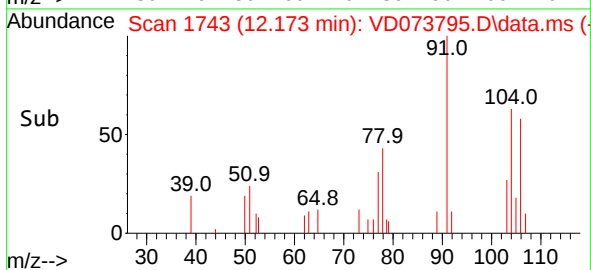
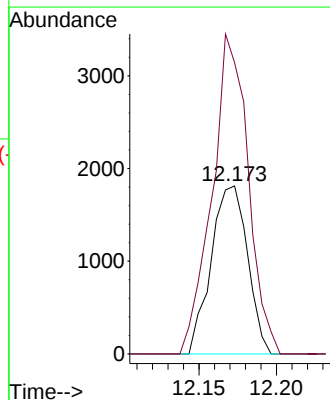
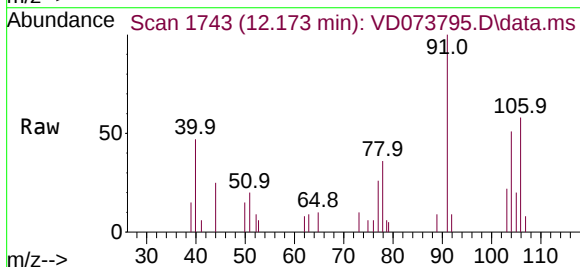
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

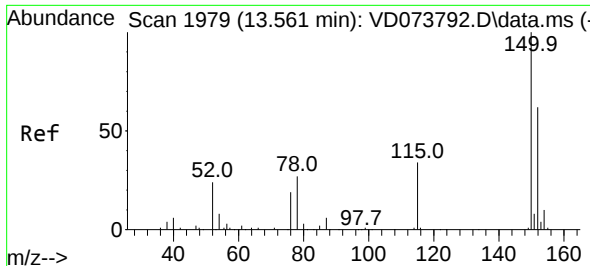
Tgt Ion:106 Resp: 6971
Ion Ratio Lower Upper
106 100
91 203.4 165.4 248.2



#69
o-Xylene
Concen: 1.022 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion:106 Resp: 2955
Ion Ratio Lower Upper
106 100
91 188.8 112.3 336.8

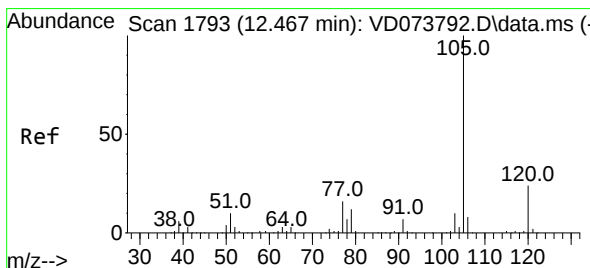
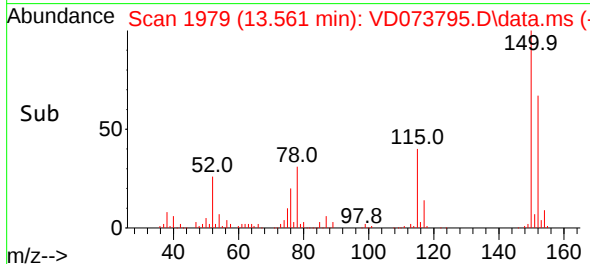
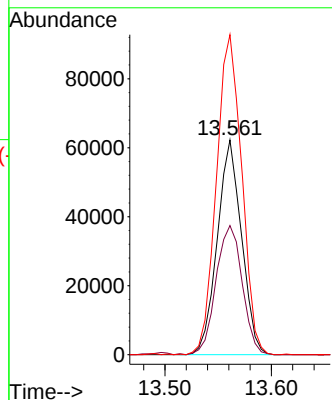
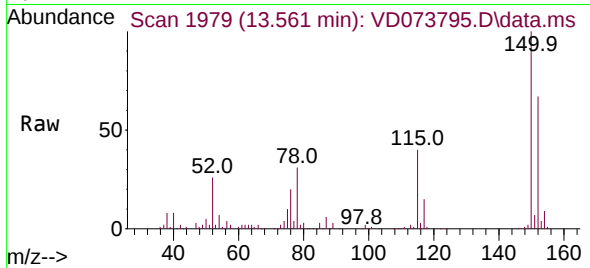




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

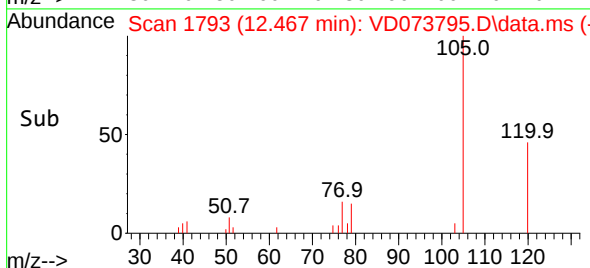
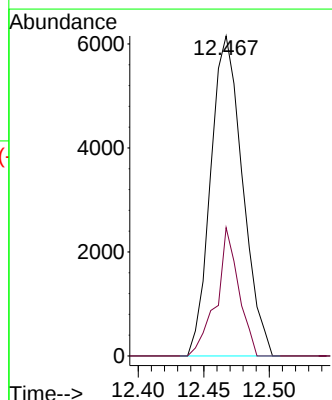
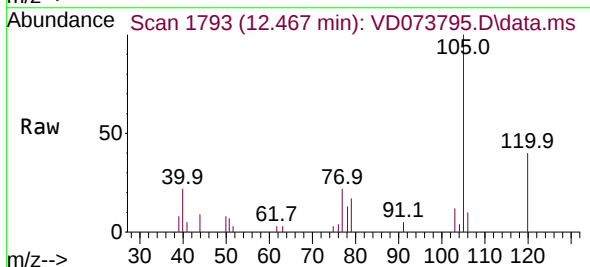
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

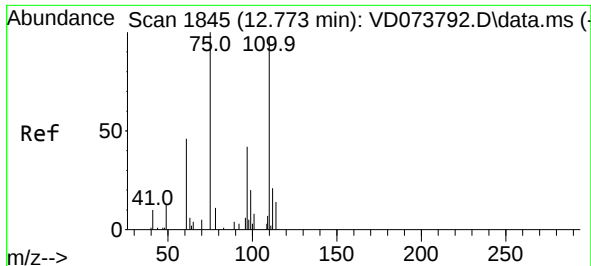
Tgt Ion:152 Resp: 98389
Ion Ratio Lower Upper
152 100
115 64.8 32.2 96.6
150 155.5 0.0 353.0



#73
Isopropylbenzene
Concen: 1.378 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion:105 Resp: 10394
Ion Ratio Lower Upper
105 100
120 27.9 12.9 38.7

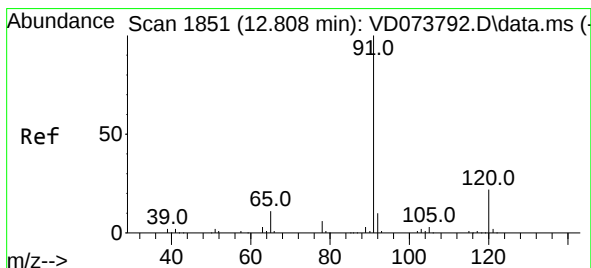
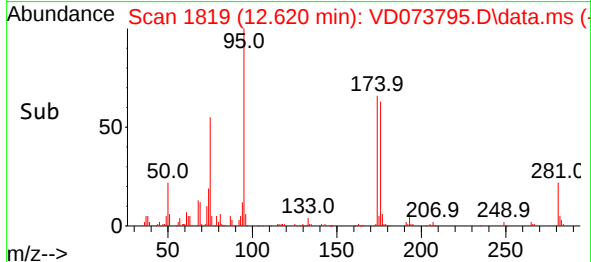
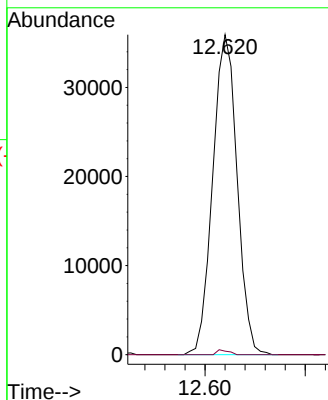
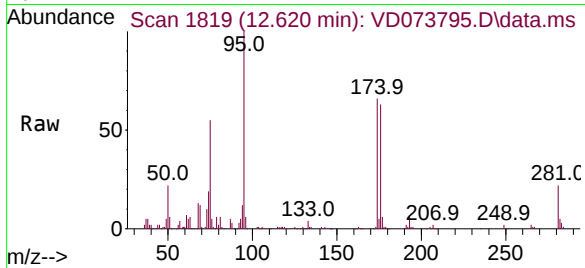




#76
1,2,3-Trichloropropane
Concen: 58.449 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

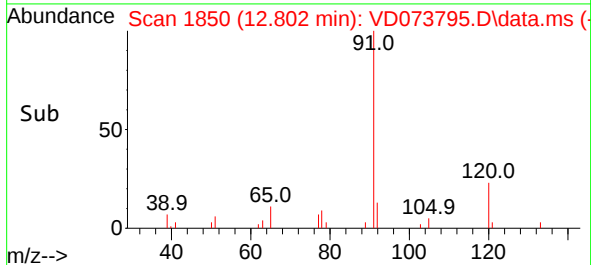
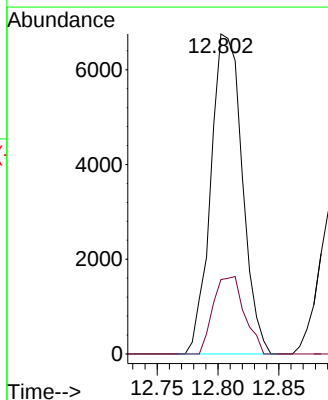
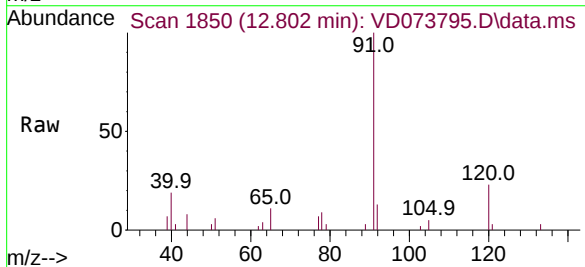
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

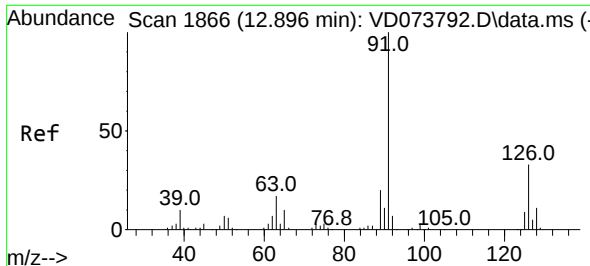
Tgt Ion: 75 Resp: 60647
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#78
n-propylbenzene
Concen: 1.294 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 91 Resp: 12153
Ion Ratio Lower Upper
91 100
120 23.9 10.9 32.7

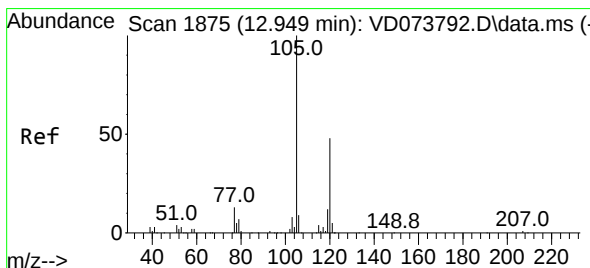
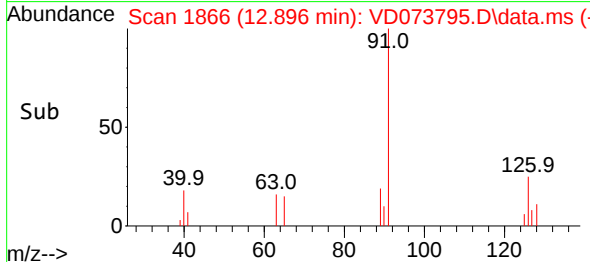
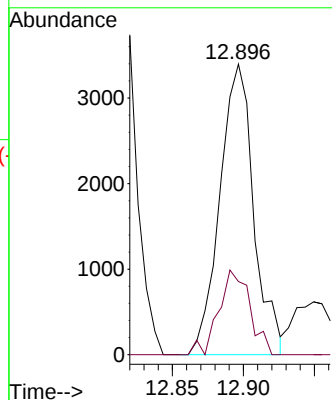
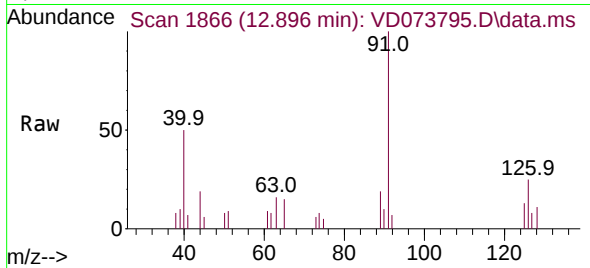




#79
2-Chlorotoluene
Concen: 1.052 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

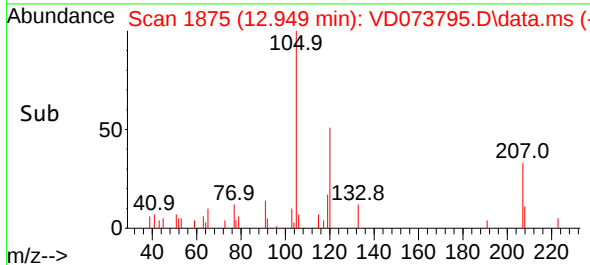
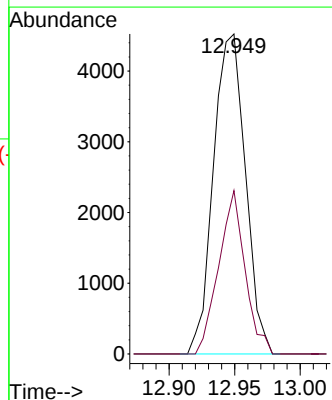
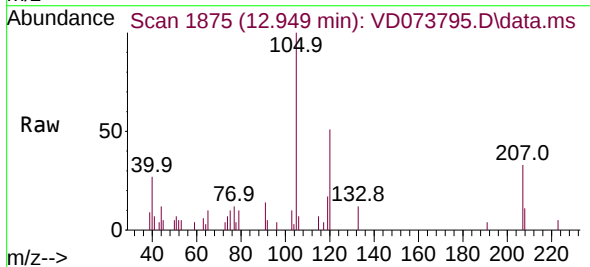
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

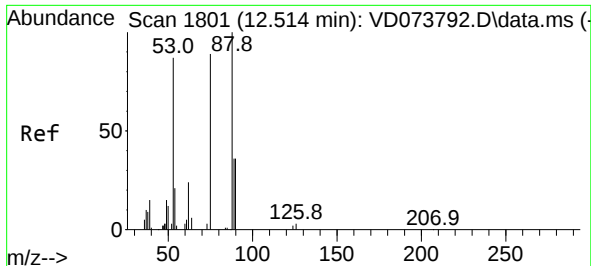
Tgt Ion: 91 Resp: 5634
Ion Ratio Lower Upper
91 100
126 26.9 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 1.229 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 105 Resp: 7664
Ion Ratio Lower Upper
105 100
120 42.1 23.8 71.4

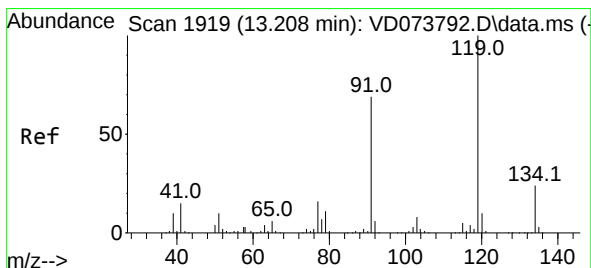
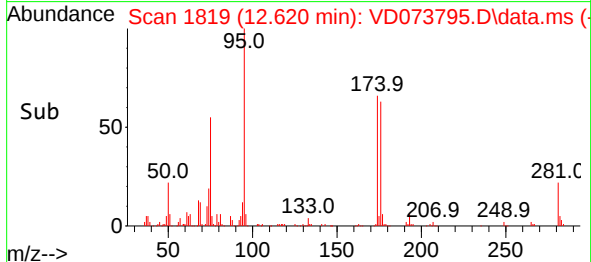
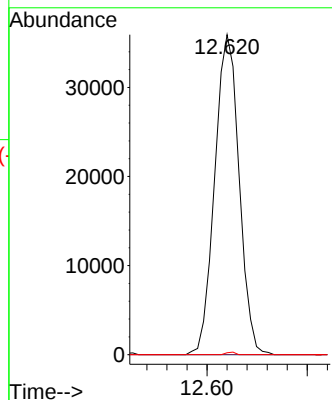
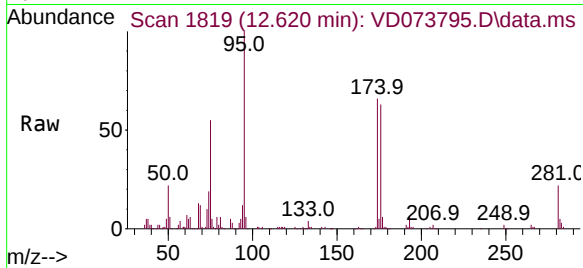




#81
trans-1,4-Dichloro-2-butene
Concen: 124.297 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

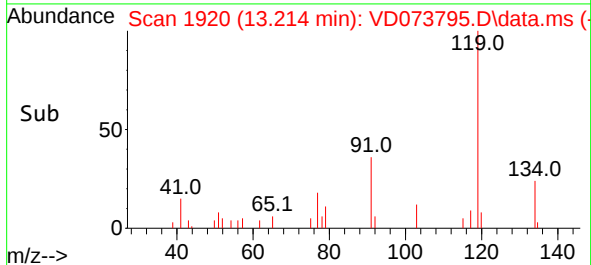
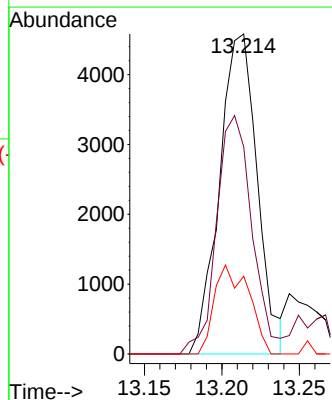
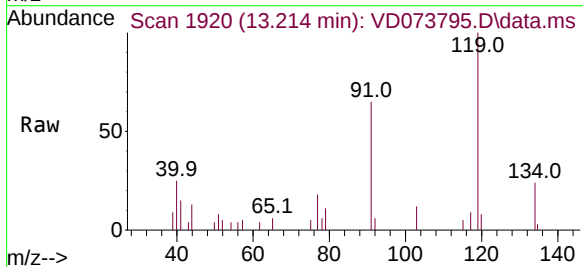
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

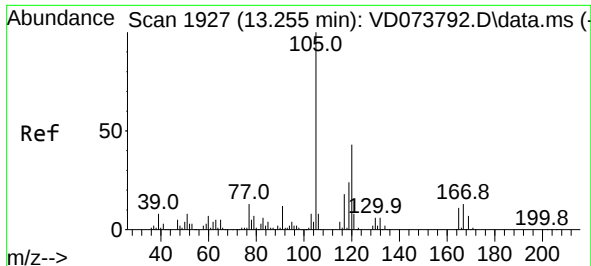
Tgt Ion: 75 Resp: 60647
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.3 37.2 55.8#



#83
tert-Butylbenzene
Concen: 1.383 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 119 Resp: 7790
Ion Ratio Lower Upper
119 100
91 69.6 33.7 101.1
134 25.3 12.4 37.0

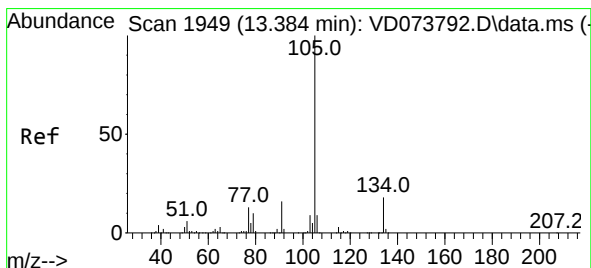
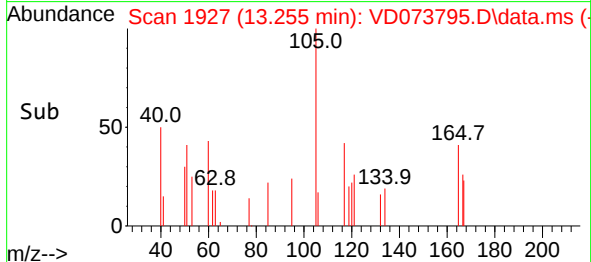
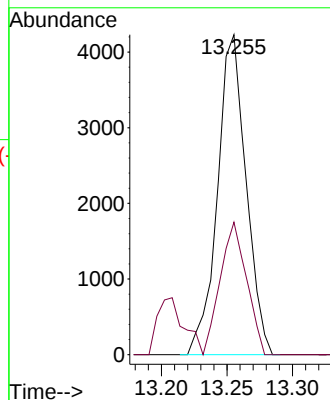
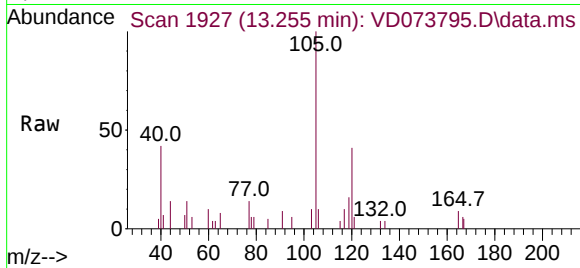




#84
1,2,4-Trimethylbenzene
Concen: 1.043 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

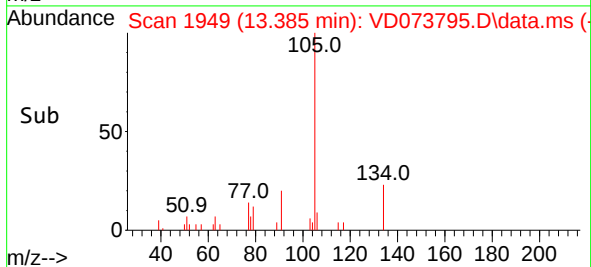
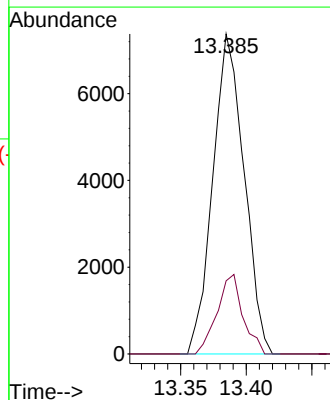
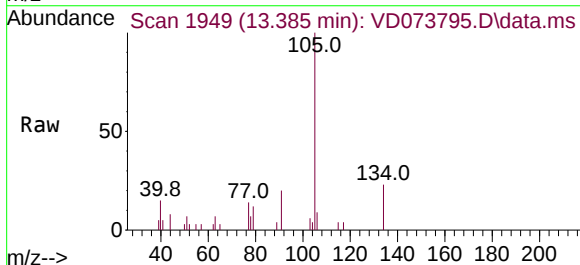
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

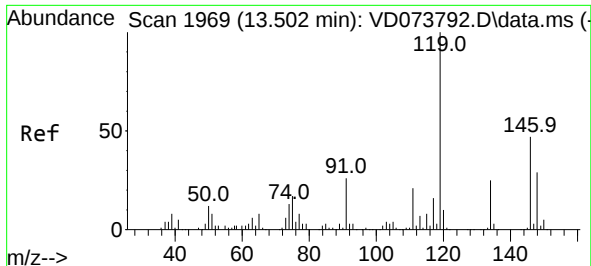
Tgt Ion:105 Resp: 6418
Ion Ratio Lower Upper
105 100
120 38.2 22.1 66.5



#85
sec-Butylbenzene
Concen: 1.460 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion:105 Resp: 12213
Ion Ratio Lower Upper
105 100
134 20.6 9.4 28.2

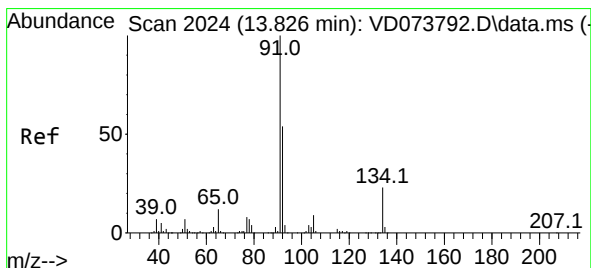
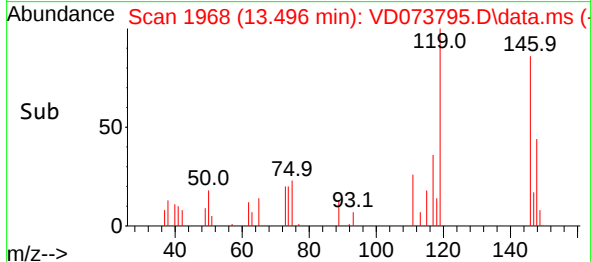
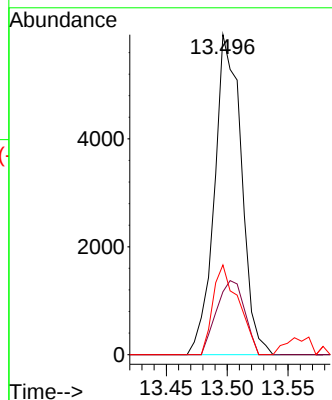
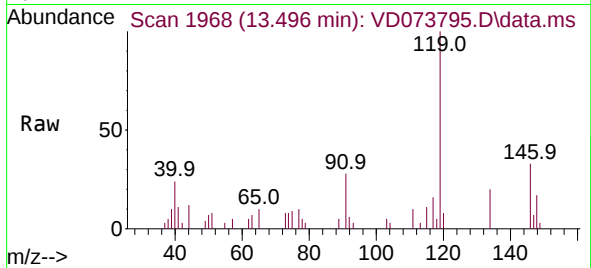




#86
p-Isopropyltoluene
Concen: 1.359 ug/l
RT: 13.496 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

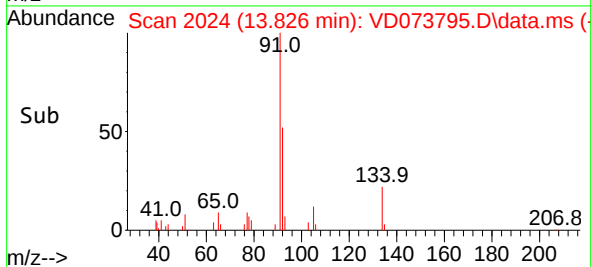
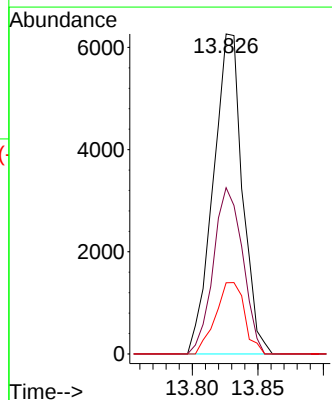
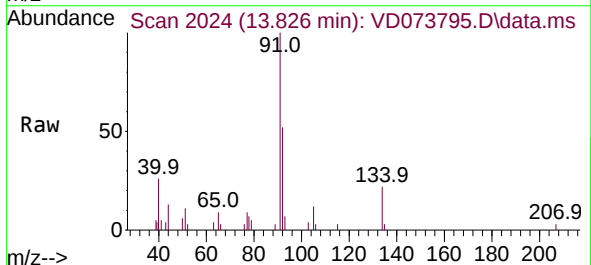
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

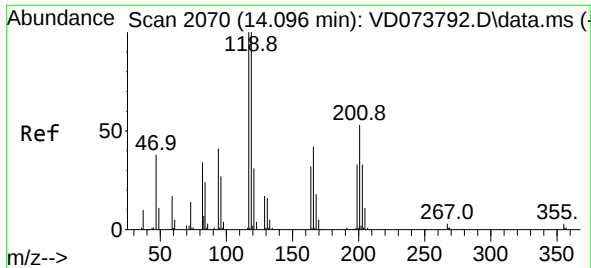
Tgt Ion:119 Resp: 9122
Ion Ratio Lower Upper
119 100
134 24.0 12.7 38.1
91 26.4 13.2 39.6



#89
n-Butylbenzene
Concen: 1.423 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Tgt Ion: 91 Resp: 9713
Ion Ratio Lower Upper
91 100
92 52.1 26.9 80.6
134 22.1 11.9 35.9

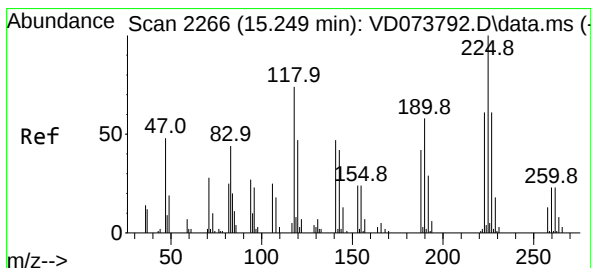
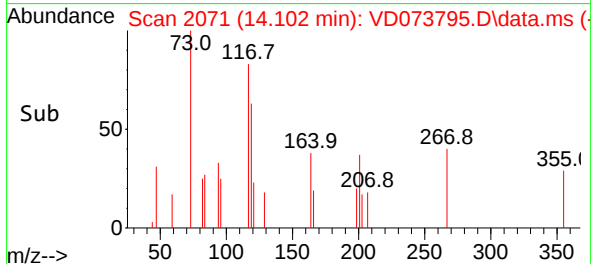
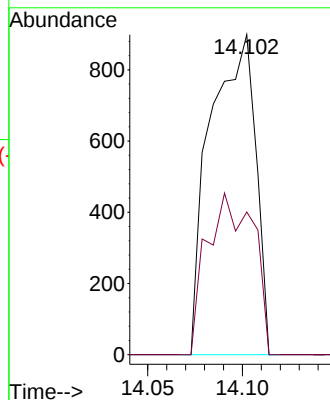
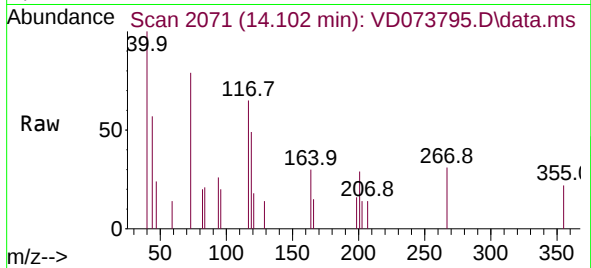




#90
Hexachloroethane
Concen: 1.081 ug/l
RT: 14.102 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

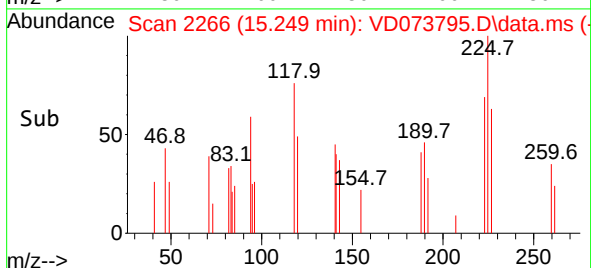
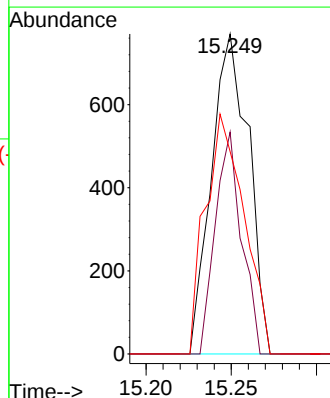
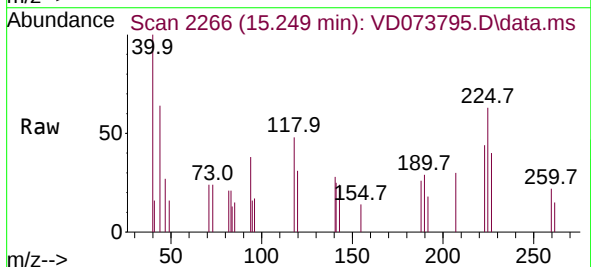
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

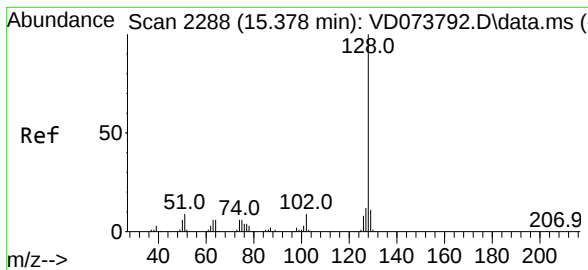
Tgt Ion:117 Resp: 1489
Ion Ratio Lower Upper
117 100
201 51.8 26.6 79.8



#94
Hexachlorobutadiene
Concen: 1.501 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

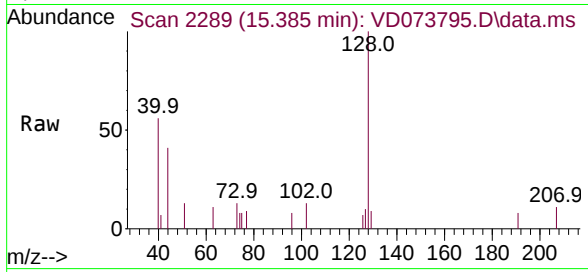
Tgt Ion:225 Resp: 1168
Ion Ratio Lower Upper
225 100
223 49.0 31.5 94.5
227 77.9 31.6 94.7





#95
Naphthalene
Concen: 1.117 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD073795.D
Acq: 06 Jul 2022 16:46

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion:	128	Resp:	4141
Ion	Ratio	Lower	Upper
128	100		
127	6.9	10.4	15.6#
129	10.9	8.8	13.2

