

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074723.D
 Acq On : 03 Nov 2022 18:51
 Operator : VA/SY
 Sample : N5397-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ALBANY-STREET

Quant Time: Nov 04 00:03:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

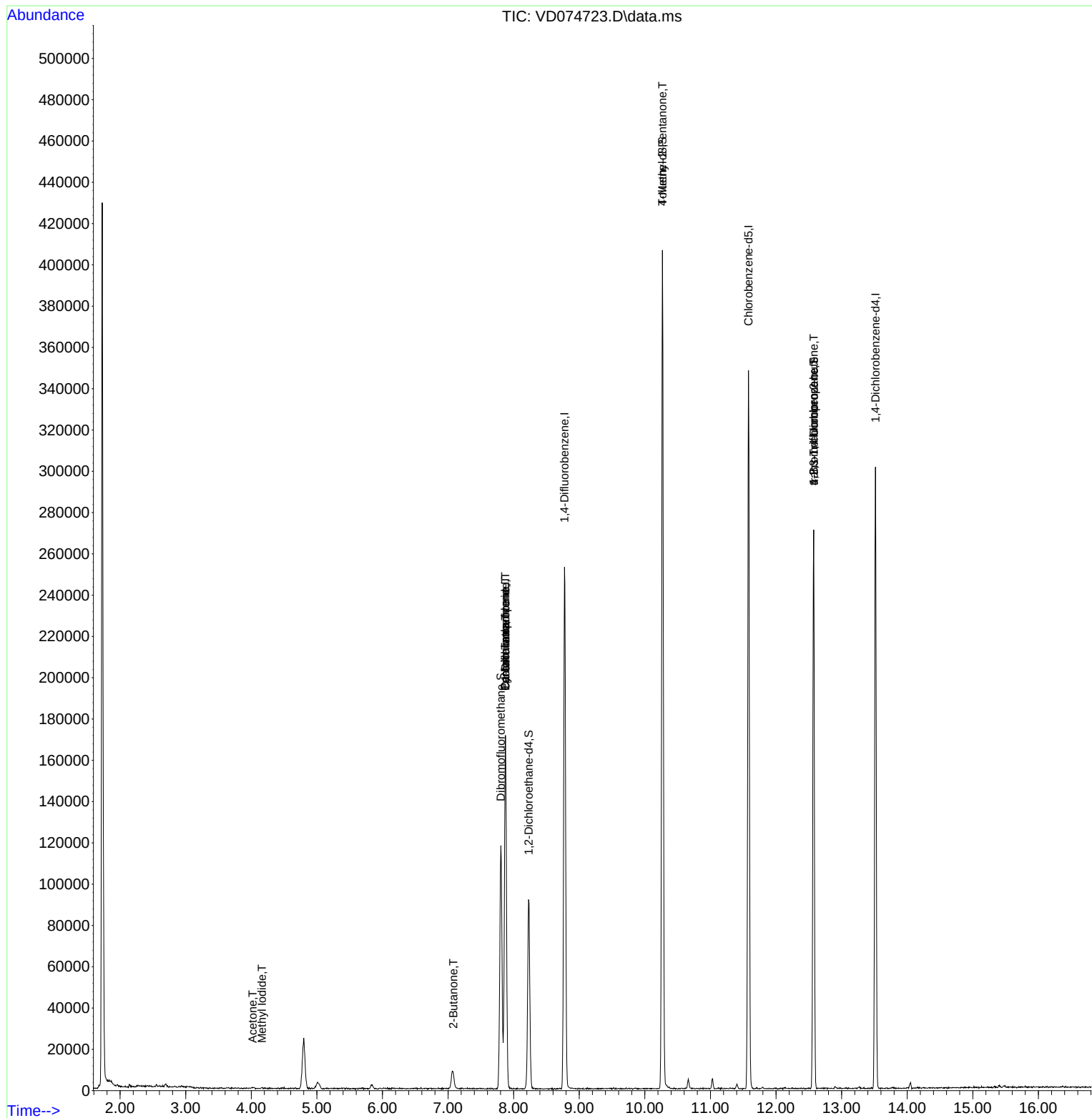
Internal Standards						
1) Pentafluorobenzene	7.875	168	135802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	244949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	216094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72445	67.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.700%	
35) Dibromofluoromethane	7.804	113	85730	59.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.340%	
50) Toluene-d8	10.269	98	291001	55.057	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.120%	
62) 4-Bromofluorobenzene	12.575	95	81676	53.520	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.040%	
Target Compounds						
						Qvalue
10) Methyl Iodide	4.163	142	480	5.785	ug/l #	43
11) Tert butyl alcohol	5.005	59	2838	Below Cal	#	84
16) Acetone	4.022	43	577	2.571	ug/l #	82
20) Methylene Chloride	4.799	84	20396	Below Cal		90
25) 2-Butanone	7.081	43	452	1.465	ug/l #	42
31) Cyclohexane	7.875	56	2542	1.167	ug/l #	9
36) 1,1-Dichloropropene	7.875	75	9703	4.412	ug/l #	47
38) Carbon Tetrachloride	7.875	117	12921	6.201	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	717	1.083	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	41179	62.513	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	41179	148.391	ug/l #	17

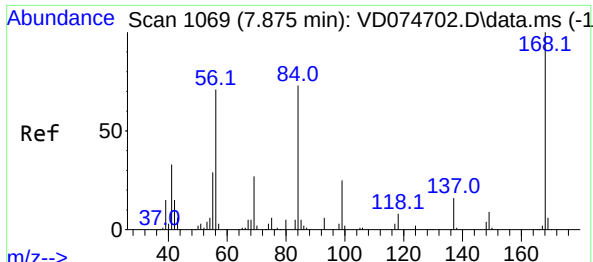
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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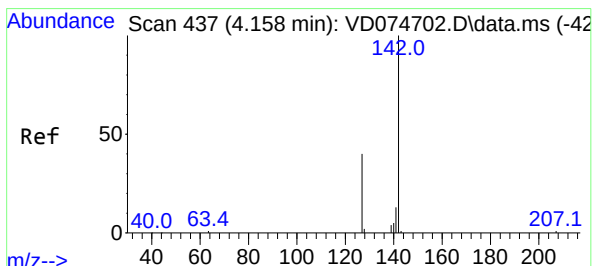
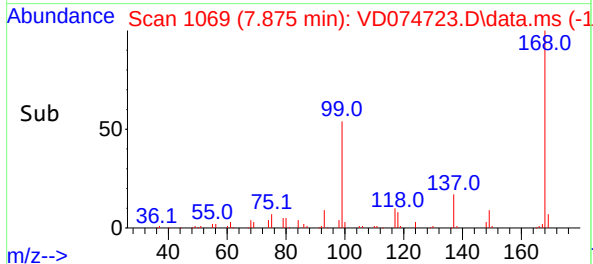
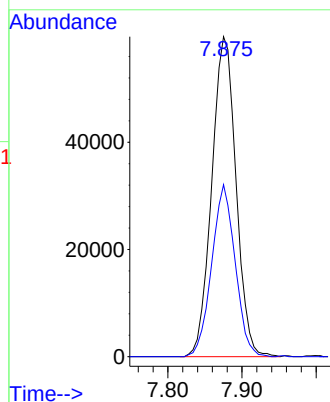
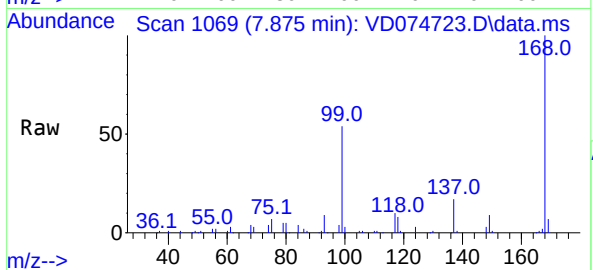




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

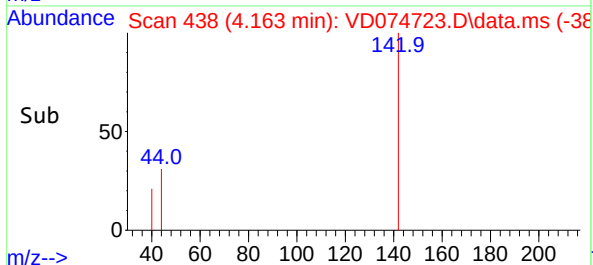
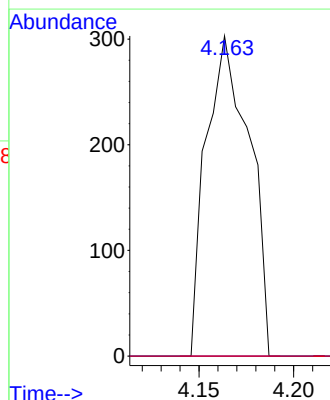
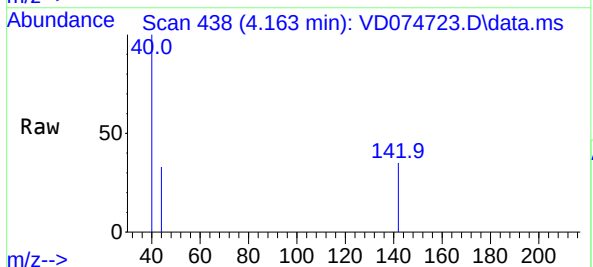
Instrument :
MSVOA_D
ClientSampleId :
ALBANY-STREET

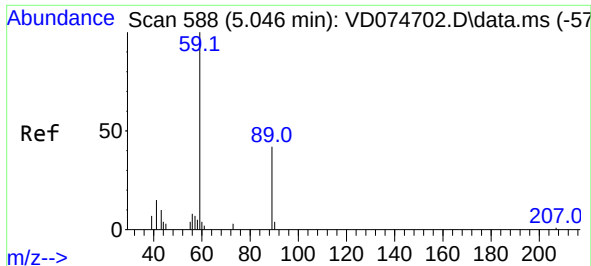
Tgt Ion:168 Resp: 135802
Ion Ratio Lower Upper
168 100
99 53.7 40.9 61.3



#10
Methyl Iodide
Concen: 5.785 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

Tgt Ion:142 Resp: 480
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.005 min Scan# 581

Delta R.T. -0.041 min

Lab File: VD074723.D

Acq: 03 Nov 2022 18:51

Instrument :

MSVOA_D

ClientSampleId :

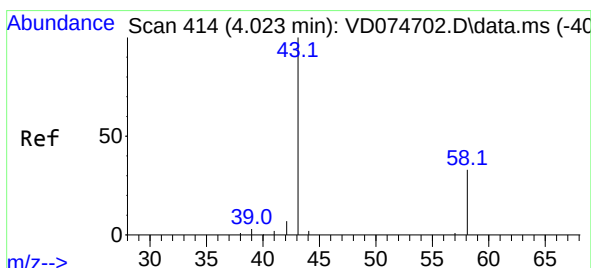
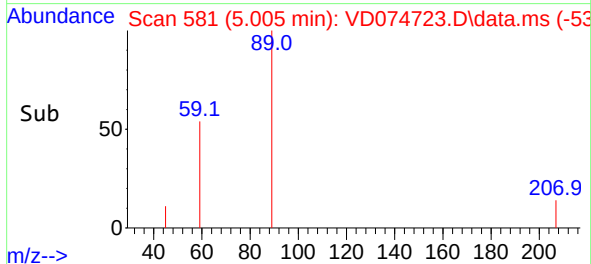
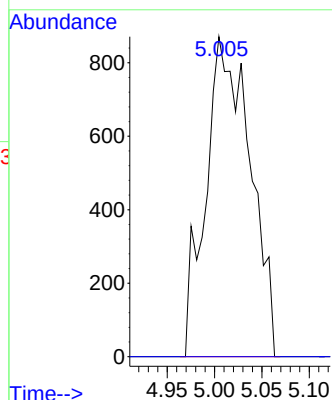
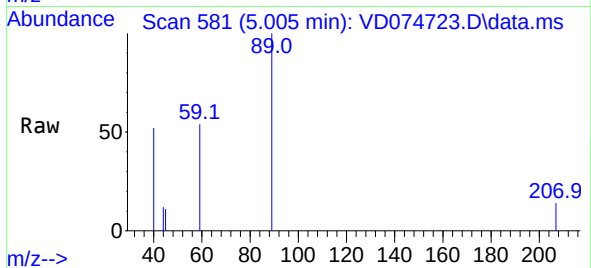
ALBANY-STREET

Tgt Ion: 59 Resp: 2838

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 2.571 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.001 min

Lab File: VD074723.D

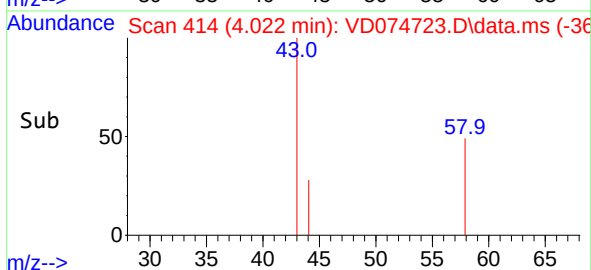
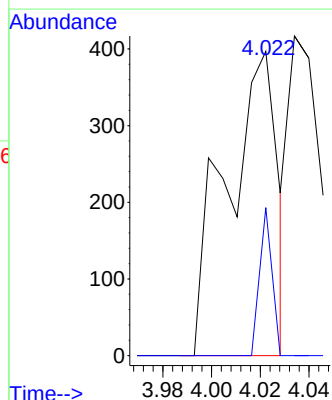
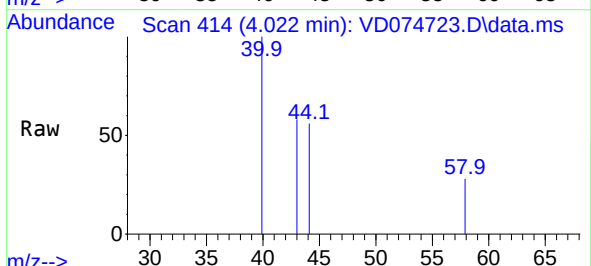
Acq: 03 Nov 2022 18:51

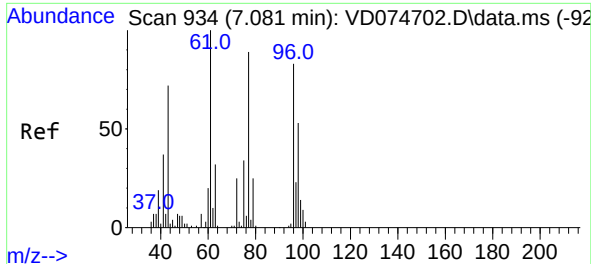
Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

58 48.6 30.2 45.2#

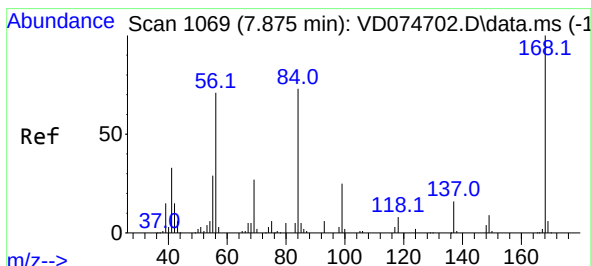
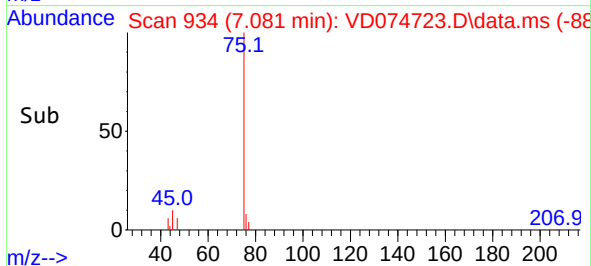
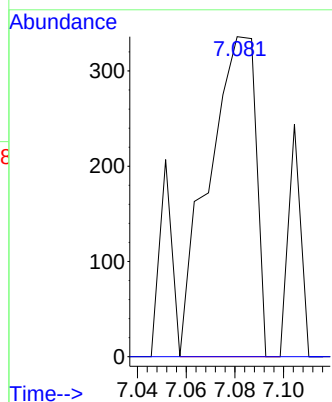
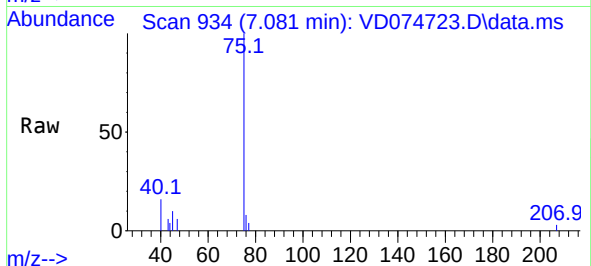




#25
2-Butanone
Concen: 1.465 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

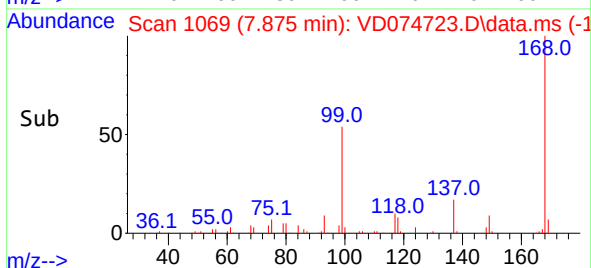
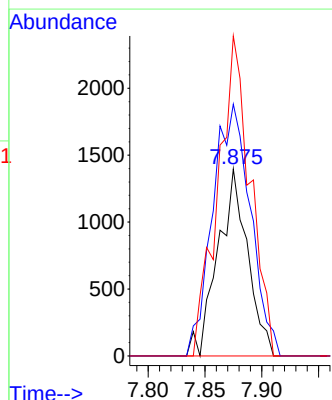
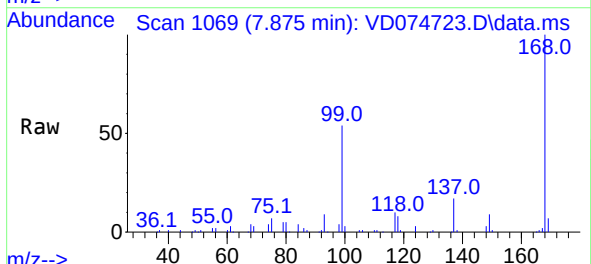
Instrument :
MSVOA_D
ClientSampleId :
ALBANY-STREET

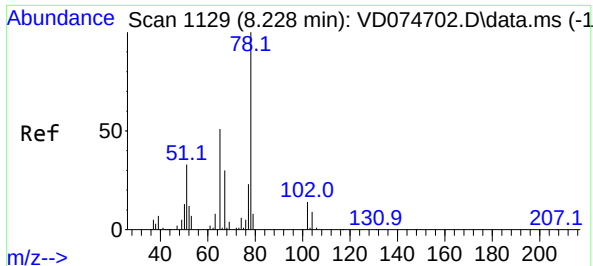
Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

Tgt Ion: 56 Resp: 2542
Ion Ratio Lower Upper
56 100
69 134.6 29.2 43.8#
84 171.0 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 67.354 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074723.D

Acq: 03 Nov 2022 18:51

Instrument :

MSVOA_D

ClientSampleId :

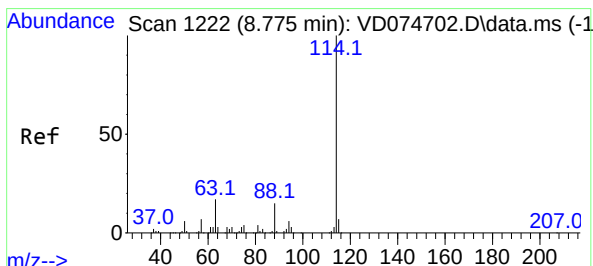
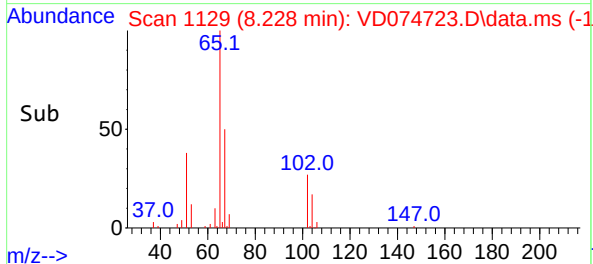
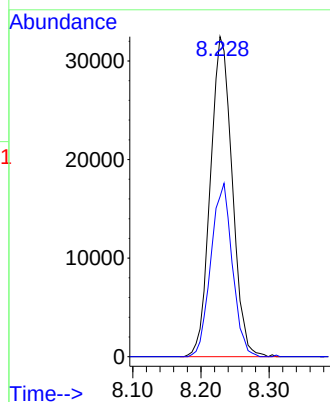
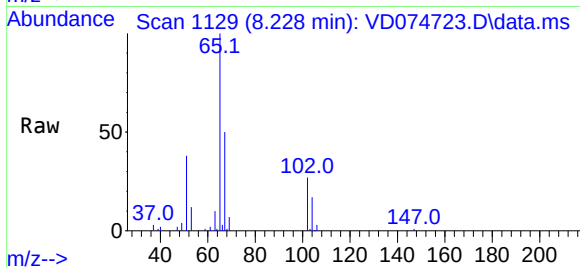
ALBANY-STREET

Tgt Ion: 65 Resp: 72445

Ion Ratio Lower Upper

65 100

67 53.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074723.D

Acq: 03 Nov 2022 18:51

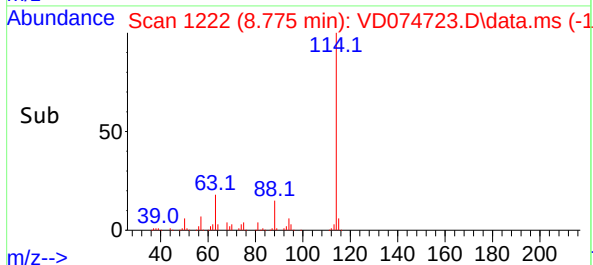
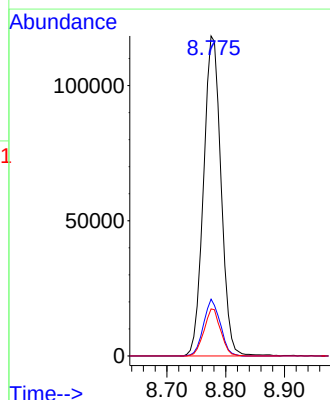
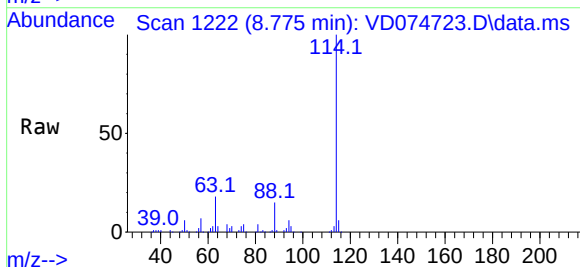
Tgt Ion: 114 Resp: 244949

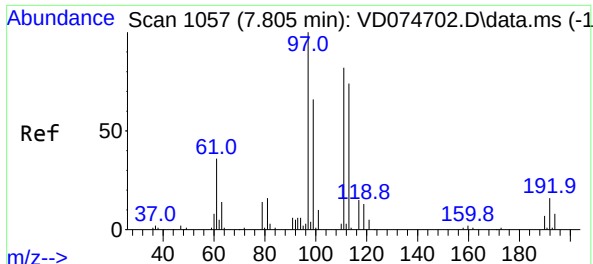
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.2

88 14.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 59.166 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074723.D

Acq: 03 Nov 2022 18:51

Instrument :

MSVOA_D

ClientSampleId :

ALBANY-STREET

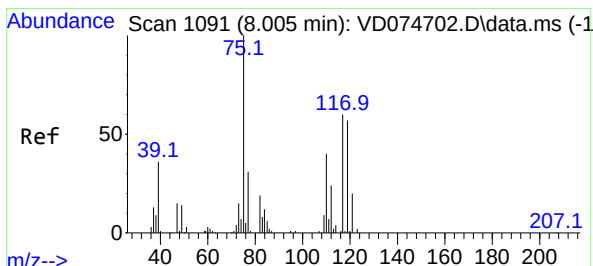
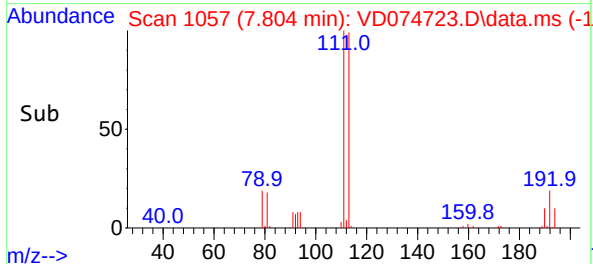
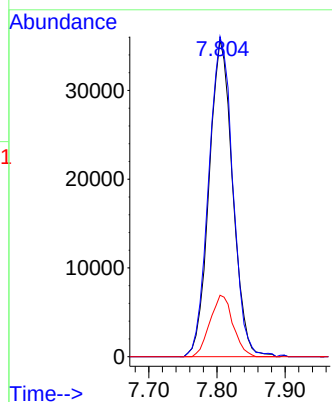
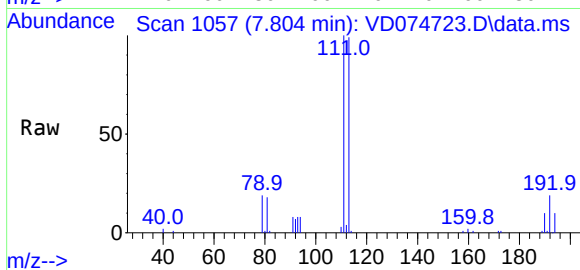
Tgt Ion:113 Resp: 85730

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

192 19.0 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.412 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074723.D

Acq: 03 Nov 2022 18:51

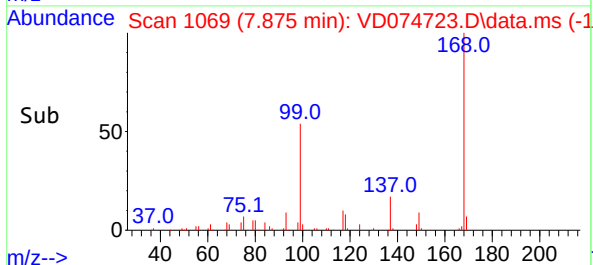
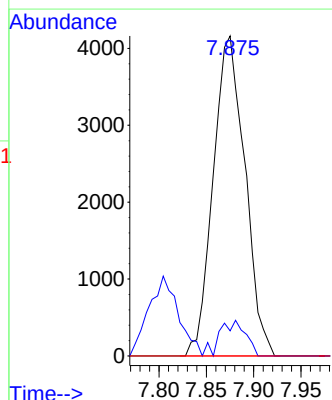
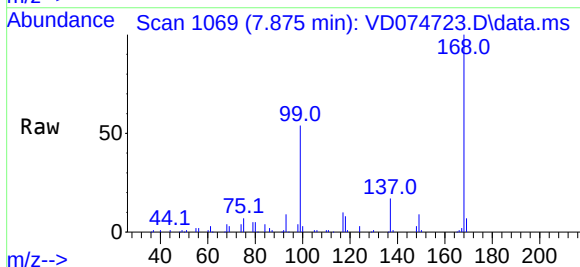
Tgt Ion: 75 Resp: 9703

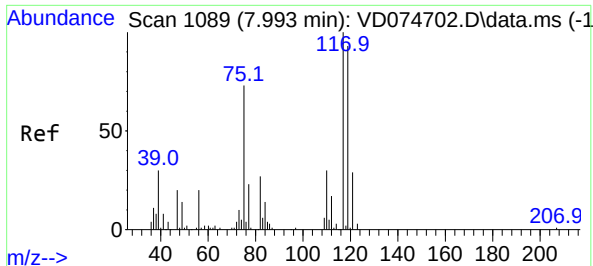
Ion Ratio Lower Upper

75 100

110 9.1 19.7 59.0#

77 0.0 25.4 38.2#

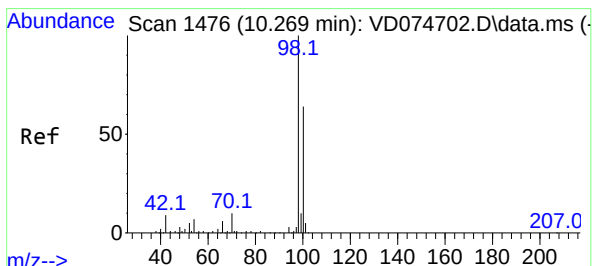
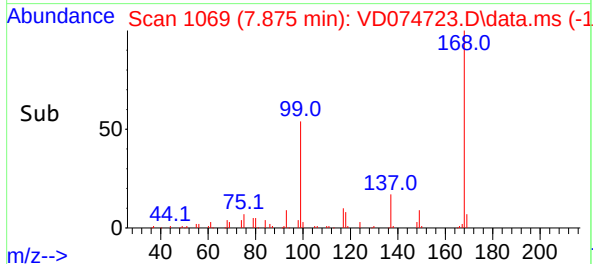
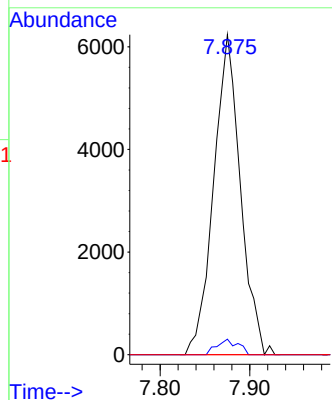
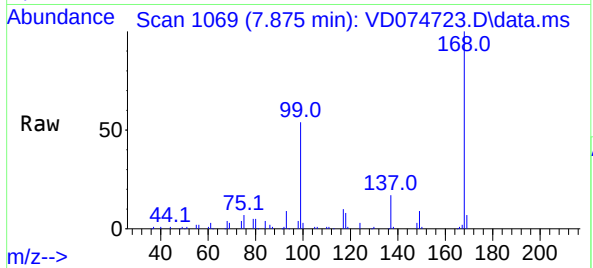




#38
Carbon Tetrachloride
Concen: 6.201 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

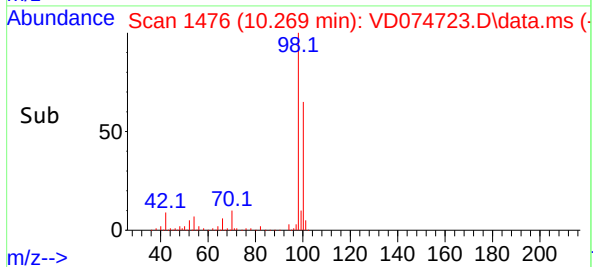
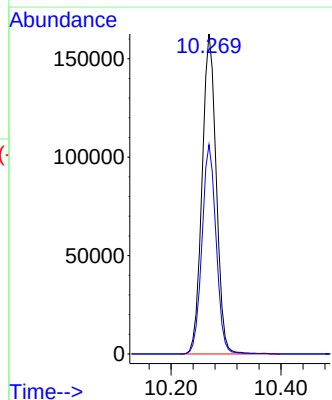
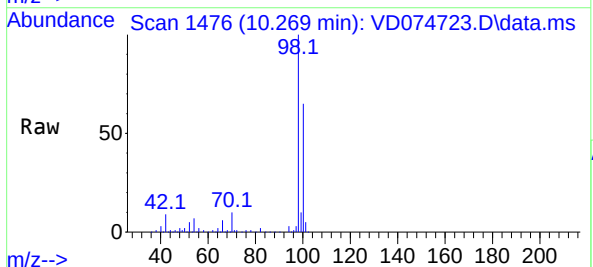
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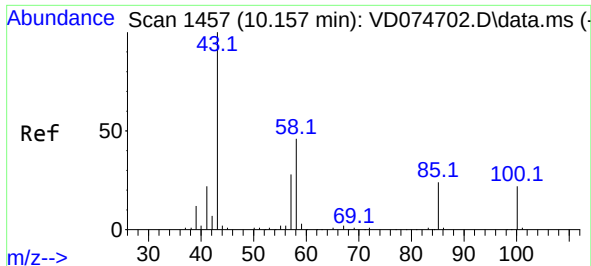
Tgt Ion:117 Resp: 12921
Ion Ratio Lower Upper
117 100
119 4.9 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 55.057 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

Tgt Ion: 98 Resp: 291001
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0

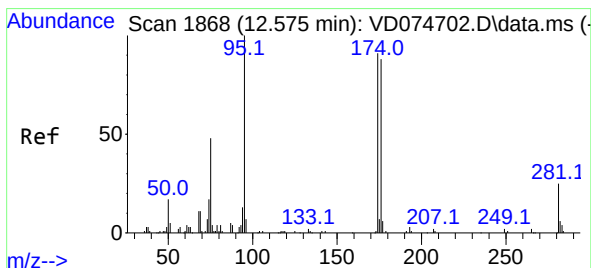
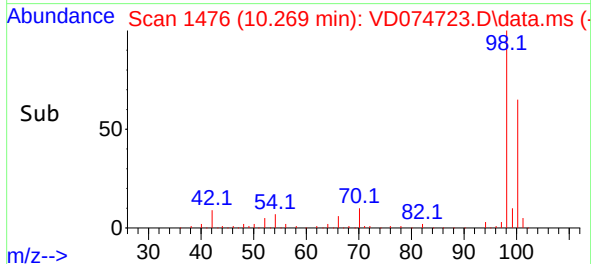
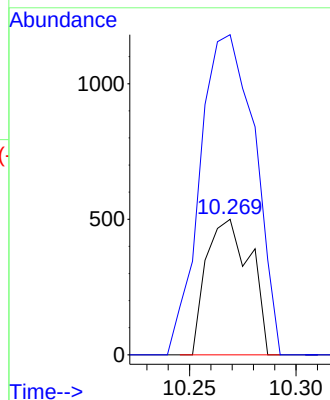
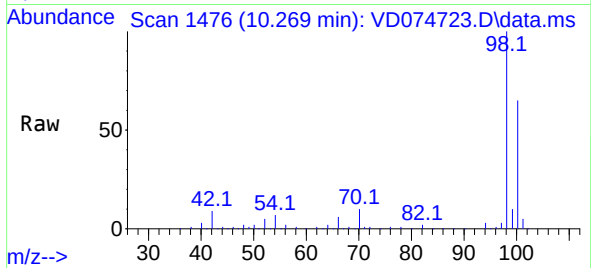




#51
4-Methyl-2-Pentanone
Concen: 1.083 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

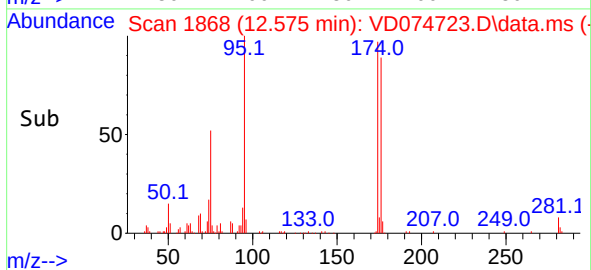
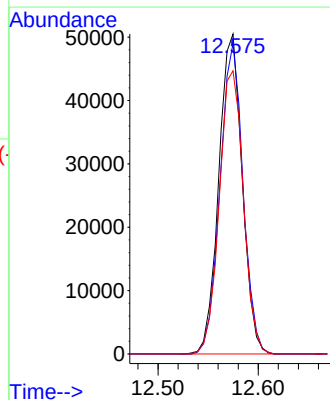
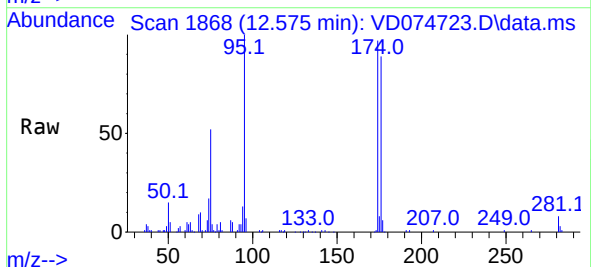
Instrument :
MSVOA_D
ClientSampleId :
ALBANY-STREET

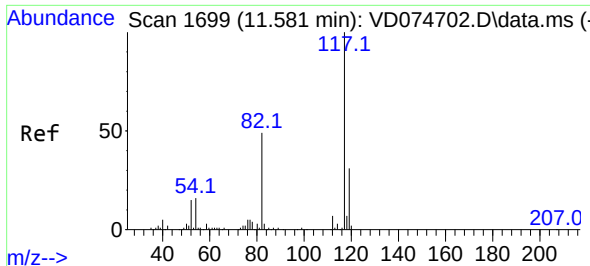
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 293.2 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 53.520 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

Tgt Ion: 95 Resp: 81676
Ion Ratio Lower Upper
95 100
174 95.6 0.0 197.0
176 90.9 0.0 182.6

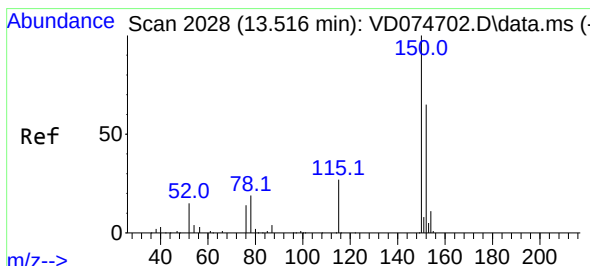
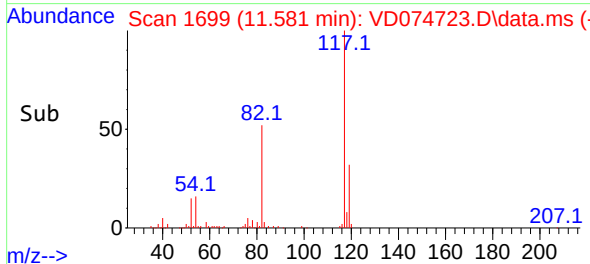
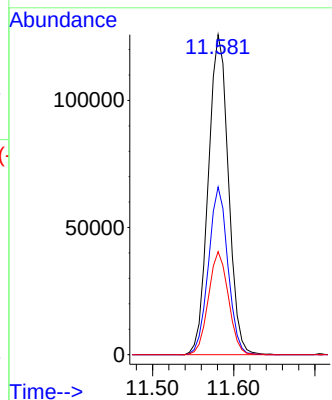
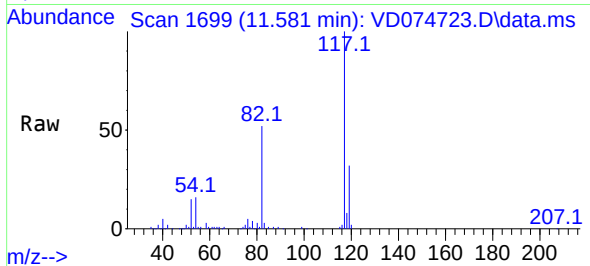




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

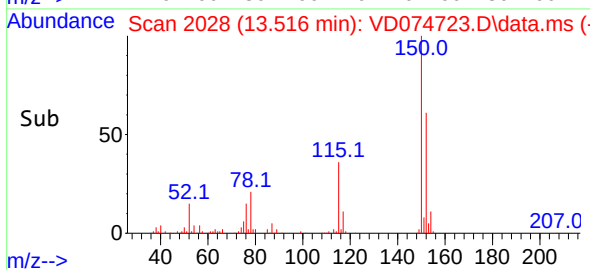
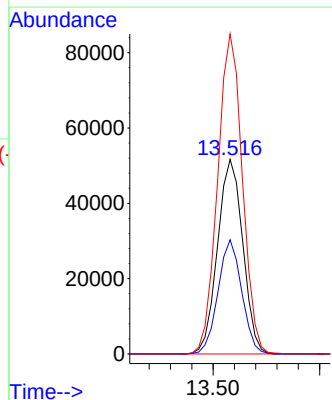
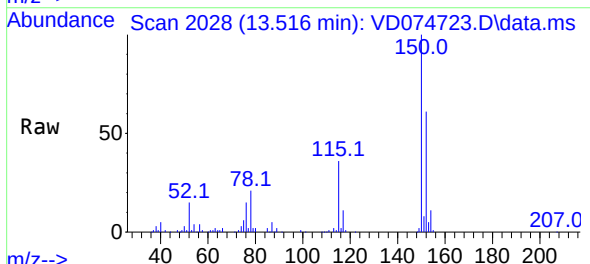
Instrument :
MSVOA_D
ClientSampleId :
ALBANY-STREET

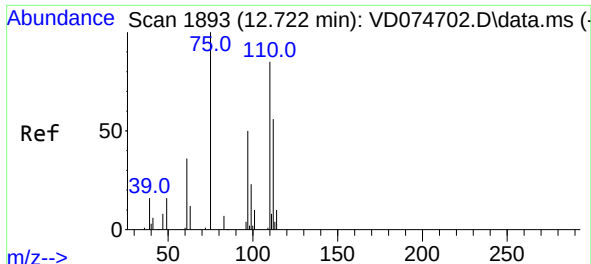
Tgt Ion:117 Resp: 216094
Ion Ratio Lower Upper
117 100
82 52.4 41.6 62.4
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

Tgt Ion:152 Resp: 84974
Ion Ratio Lower Upper
152 100
115 55.0 26.8 80.4
150 161.3 0.0 348.2

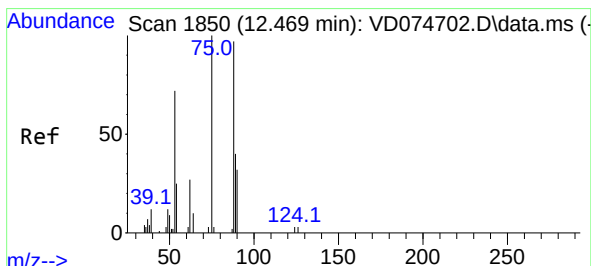
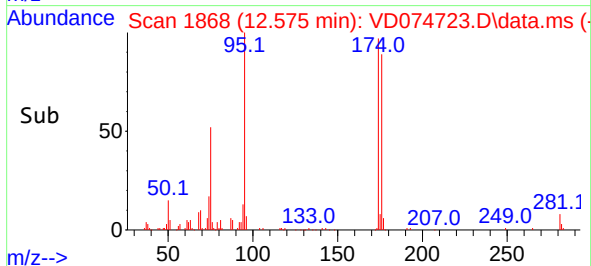
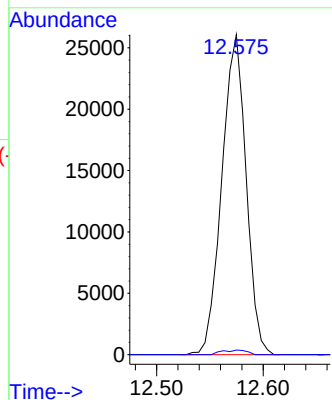
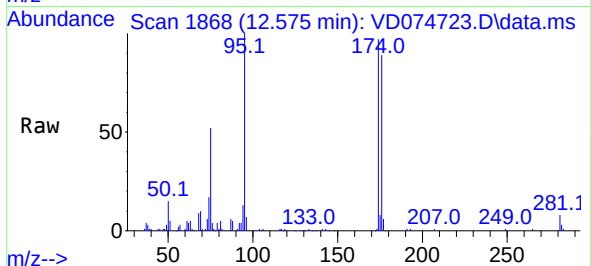




#76
1,2,3-Trichloropropane
Concen: 62.513 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

Instrument :
MSVOA_D
ClientSampleId :
ALBANY-STREET

Tgt Ion: 75 Resp: 41179
Ion Ratio Lower Upper
75 100
77 1.5 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 148.391 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074723.D
Acq: 03 Nov 2022 18:51

Tgt Ion: 75 Resp: 41179
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

