

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008474.D
 Acq On : 25 Apr 2022 12:10
 Operator : KP/MD
 Sample : N2523-03RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-042122

Quant Time: Apr 26 01:54:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

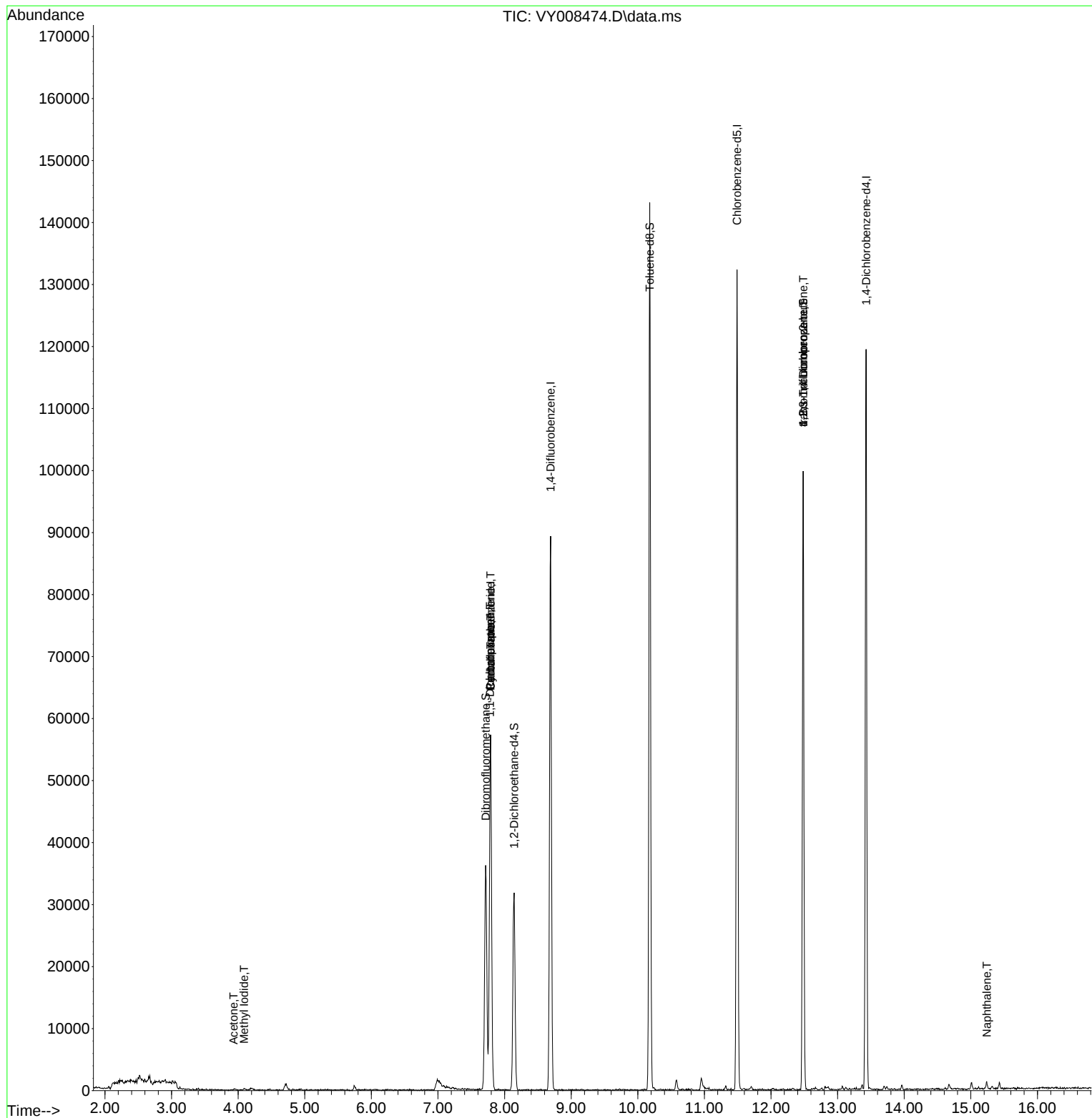
Internal Standards						
1) Pentafluorobenzene	7.789	168	44675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	78507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	72554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	24564	46.730	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.460%		
35) Dibromofluoromethane	7.716	113	24733	48.815	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.620%		
50) Toluene-d8	10.179	98	93337	46.389	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.780%		
62) 4-Bromofluorobenzene	12.483	95	27972	40.999	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	82.000%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	347	2.190	ug/l #	41
11) Tert butyl alcohol	4.942	59	111	Below Cal	#	77
16) Acetone	3.930	43	135	1.103	ug/l #	47
20) Methylene Chloride	4.722	84	924	Below Cal	#	48
31) Cyclohexane	7.789	56	961	1.112	ug/l #	40
36) 1,1-Dichloropropene	7.783	75	3531	4.381	ug/l #	50
38) Carbon Tetrachloride	7.789	117	4320	5.159	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	15555	40.385	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	15555	93.688	ug/l #	7
95) Naphthalene	15.239	128	1300	1.052	ug/l #	85

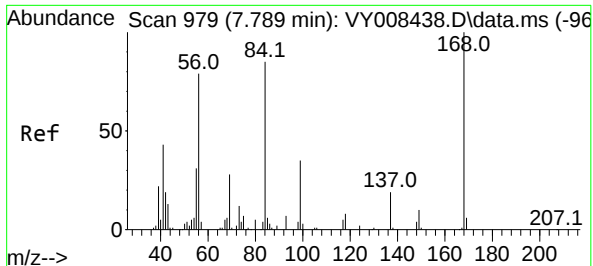
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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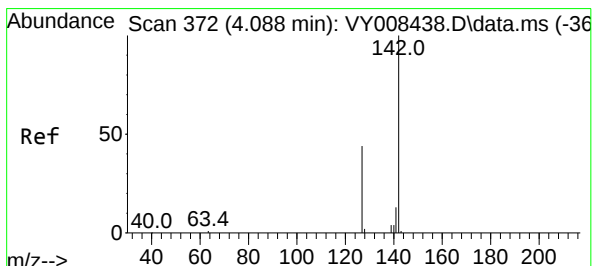
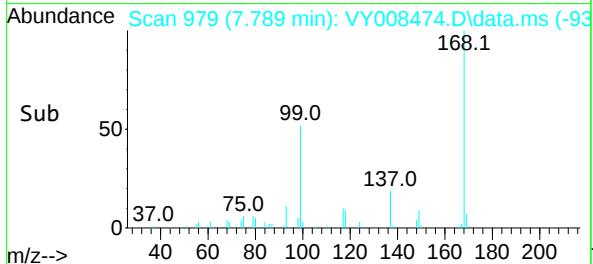
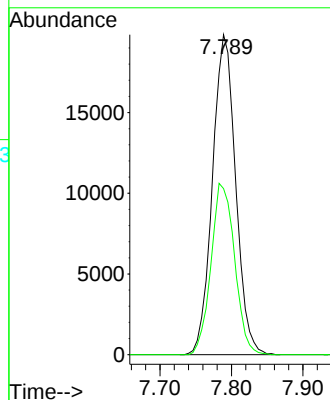
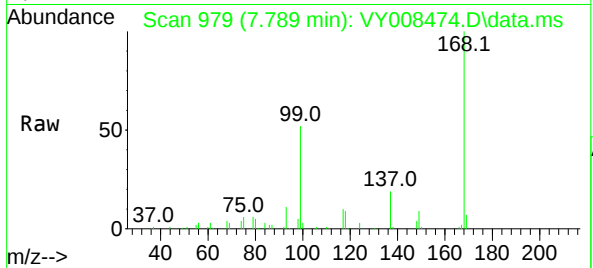




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

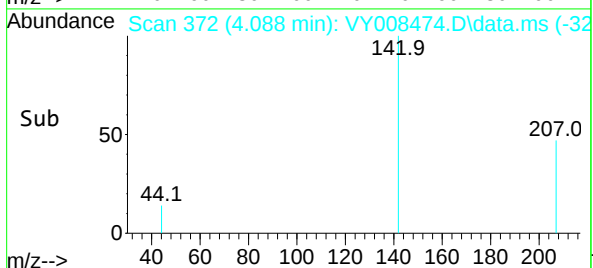
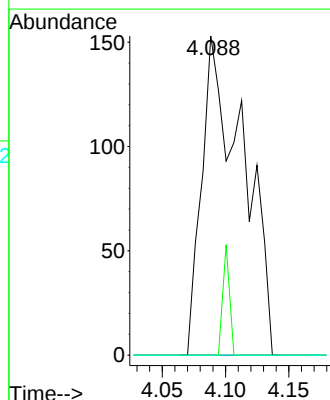
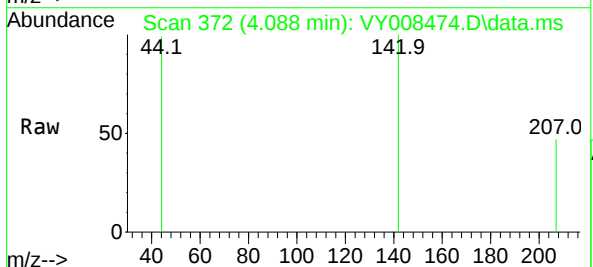
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-042122

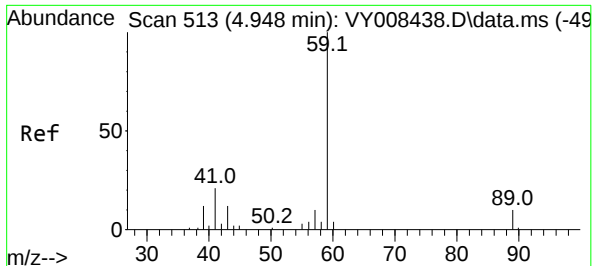
Tgt Ion:168 Resp: 44675
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#10
Methyl Iodide
Concen: 2.190 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

Tgt Ion:142 Resp: 347
Ion Ratio Lower Upper
142 100
127 5.5 41.5 62.3#
141 0.0 11.9 17.9#

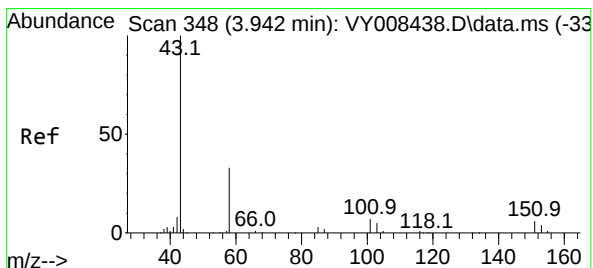
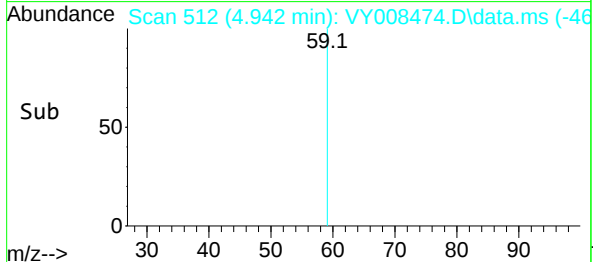
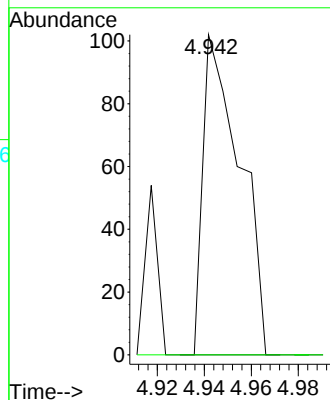
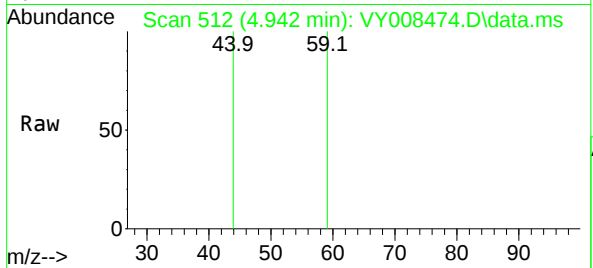




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

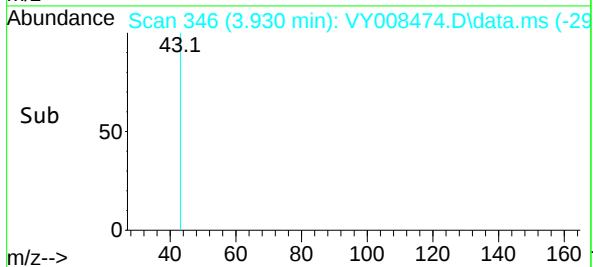
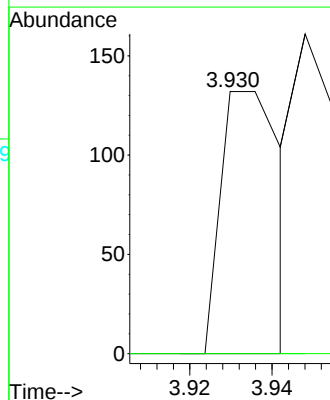
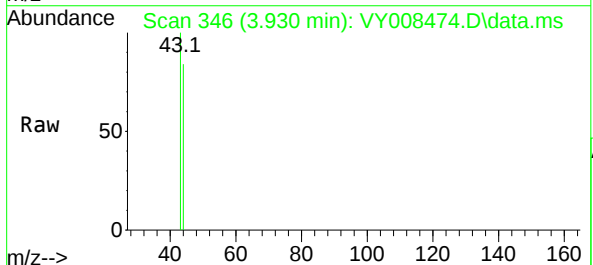
Instrument :
MSVOA_Y
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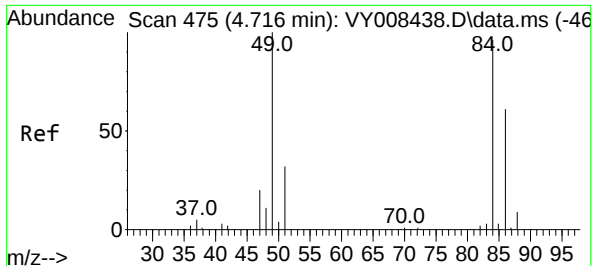
Tgt Ion: 59 Resp: 111
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.103 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

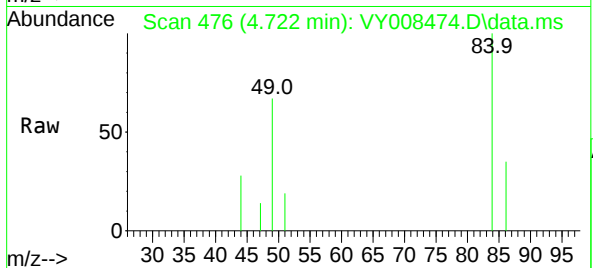
Tgt Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





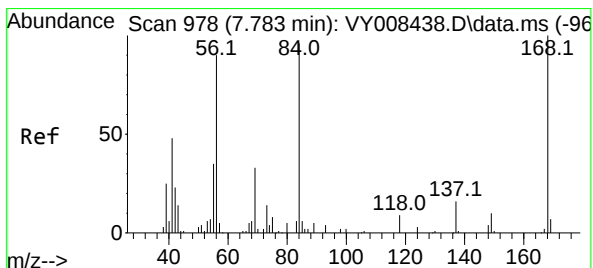
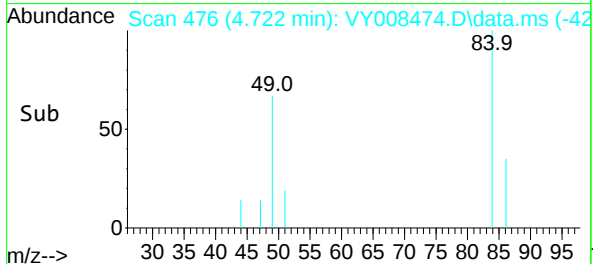
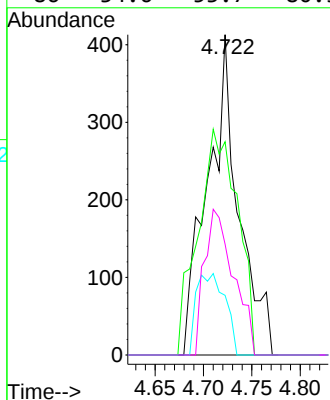
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-042122



Tgt Ion: 84 Resp: 924

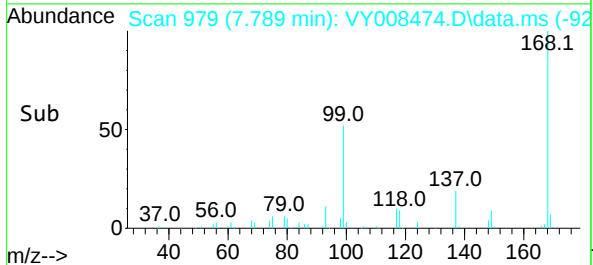
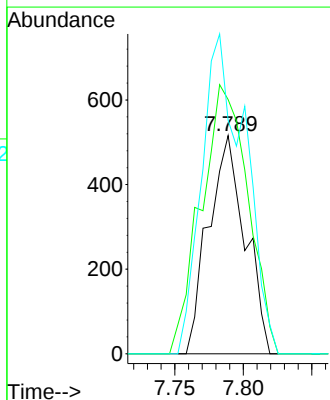
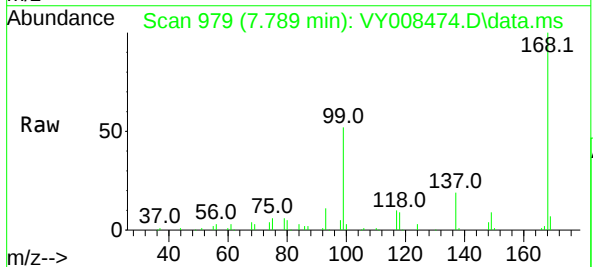
Ion	Ratio	Lower	Upper
84	100		
49	66.6	114.4	171.6#
51	18.6	35.3	52.9#
86	34.6	53.7	80.5#

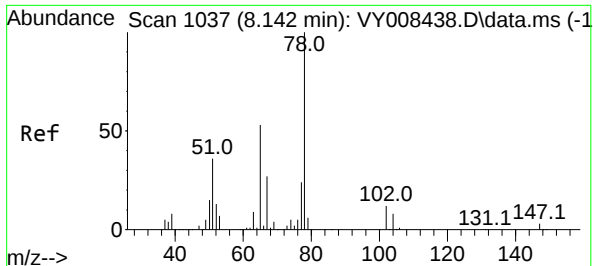


#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

Tgt Ion: 56 Resp: 961

Ion	Ratio	Lower	Upper
56	100		
69	116.5	26.7	40.1#
84	107.0	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 46.730 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008474.D

Acq: 25 Apr 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

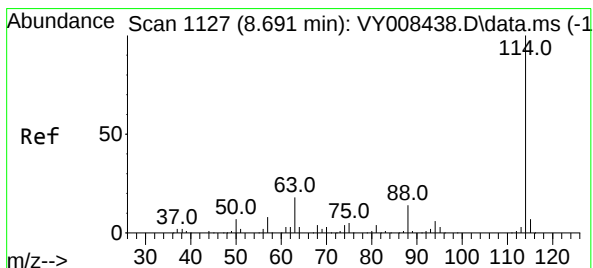
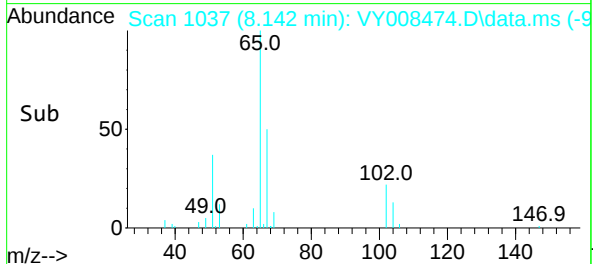
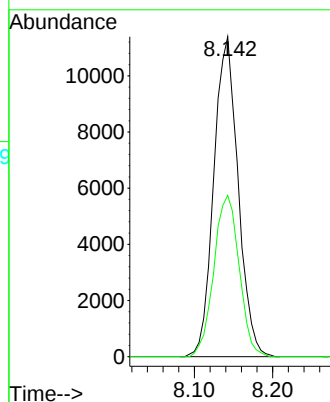
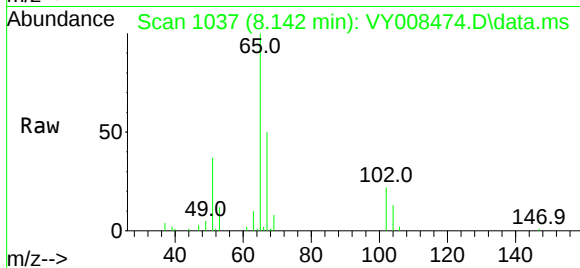
SU-04-042122

Tgt Ion: 65 Resp: 24564

Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008474.D

Acq: 25 Apr 2022 12:10

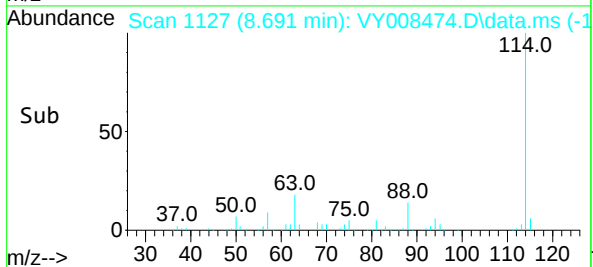
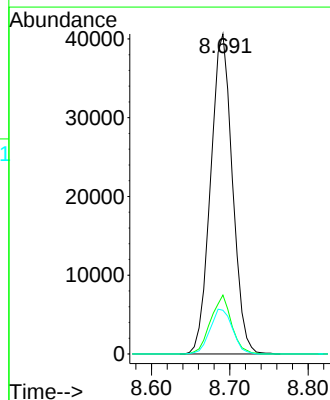
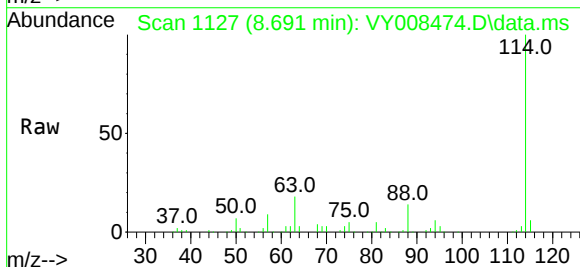
Tgt Ion: 114 Resp: 78507

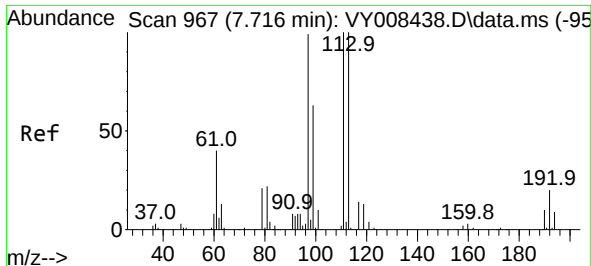
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.7 0.0 31.8

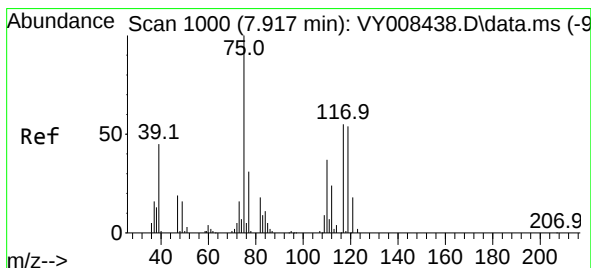
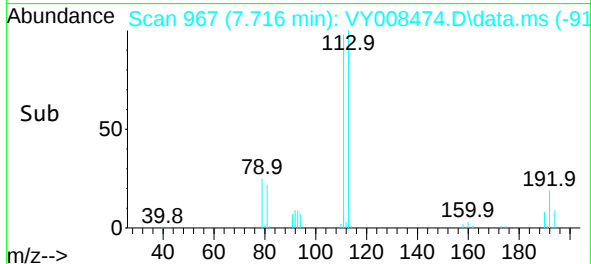
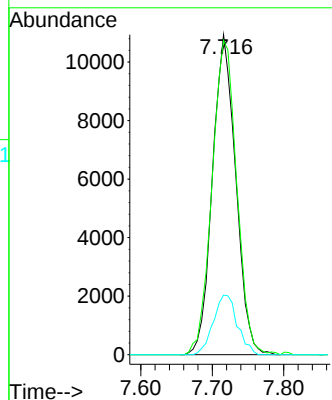
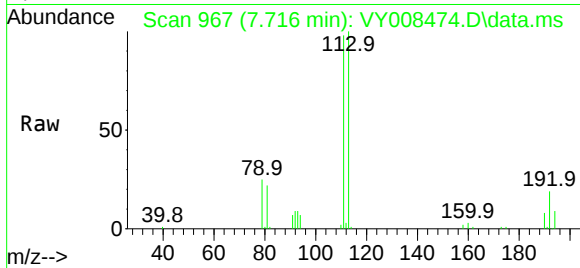




#35
Dibromofluoromethane
Concen: 48.815 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

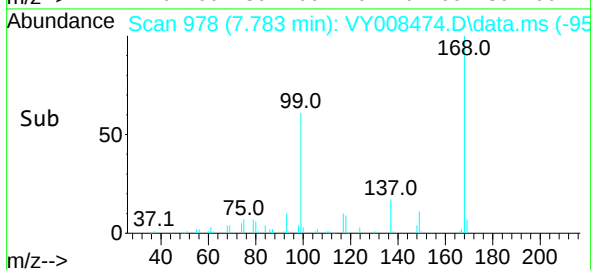
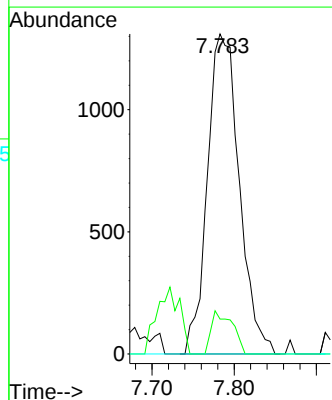
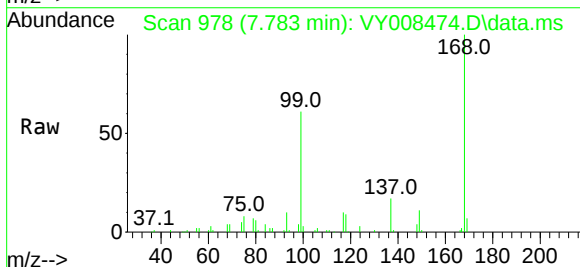
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-042122

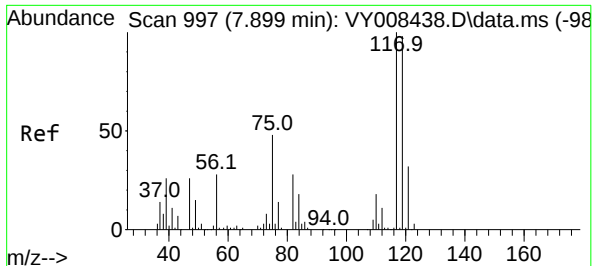
Tgt Ion:113 Resp: 24733
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.381 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

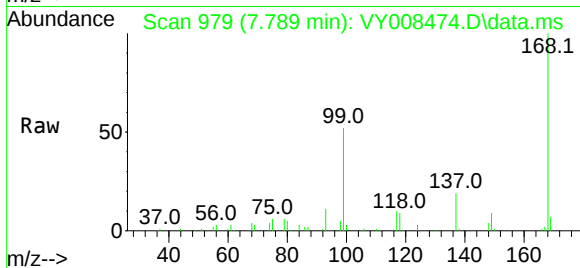
Tgt Ion: 75 Resp: 3531
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



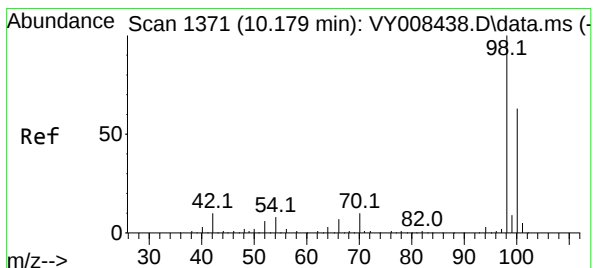
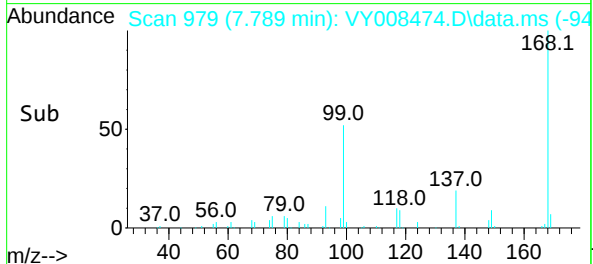
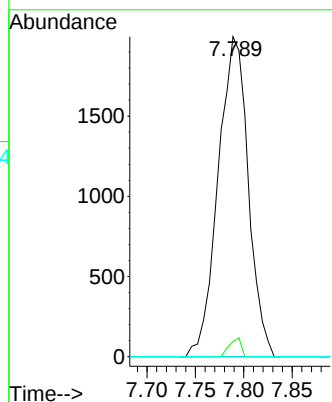


#38
Carbon Tetrachloride
Concen: 5.159 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-042122

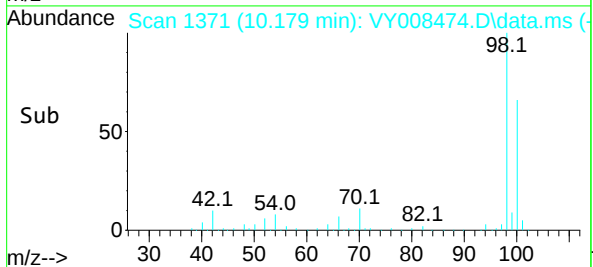
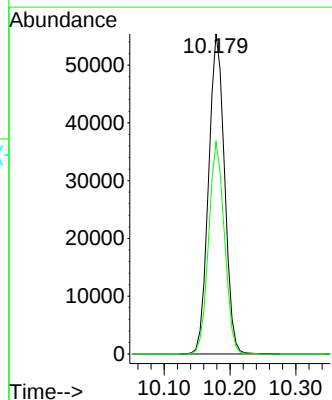
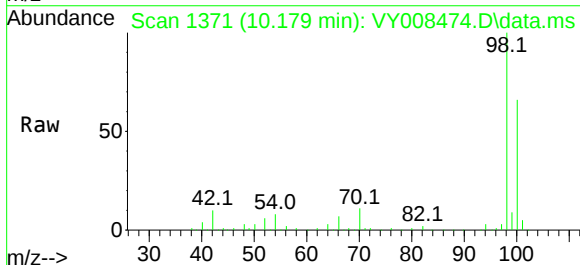


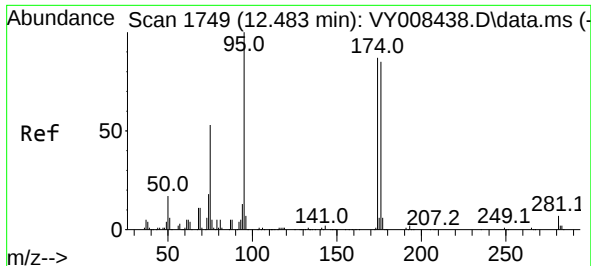
Tgt Ion:117 Resp: 4320
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.389 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

Tgt Ion: 98 Resp: 93337
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

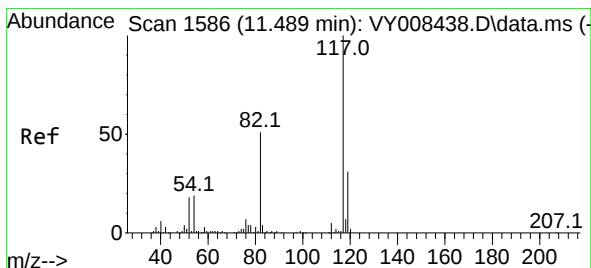
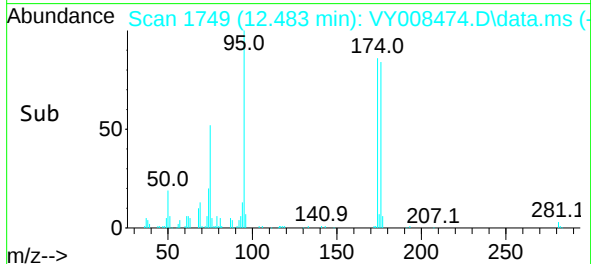
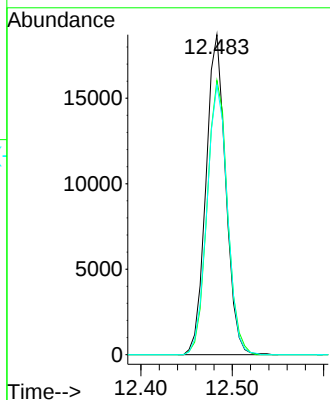
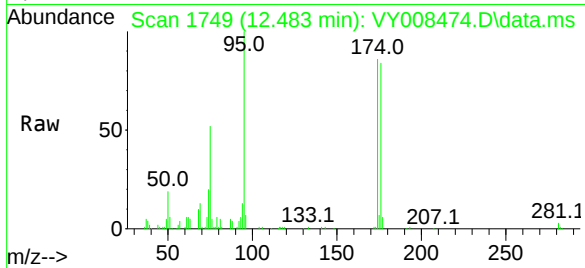




#62
4-Bromofluorobenzene
Concen: 40.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

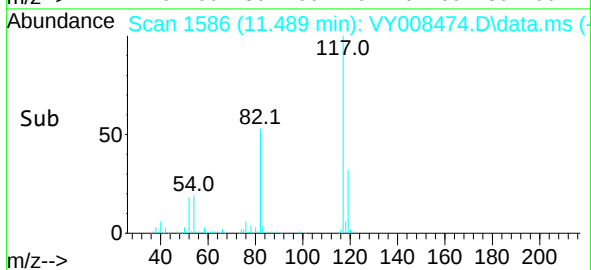
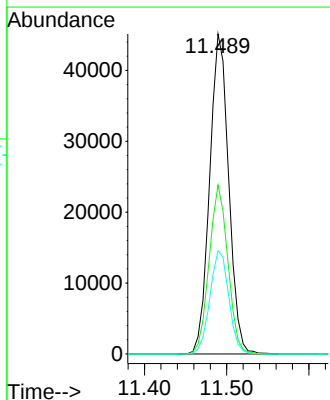
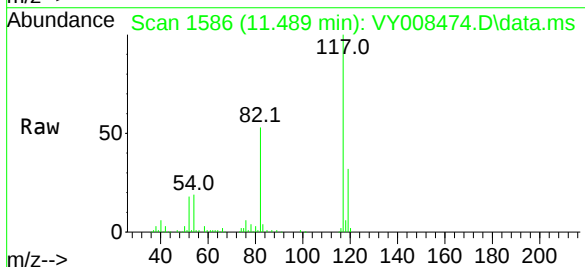
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-042122

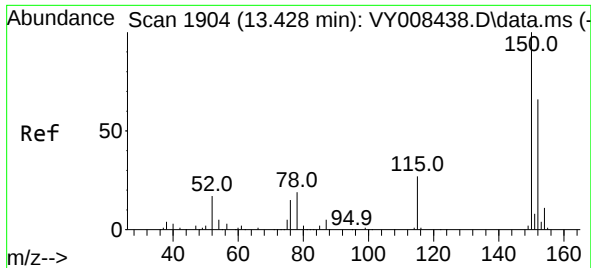
Tgt Ion: 95 Resp: 27972
Ion Ratio Lower Upper
95 100
174 88.5 0.0 177.0
176 87.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008474.D
Acq: 25 Apr 2022 12:10

Tgt Ion: 117 Resp: 72554
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.3 25.4 38.0

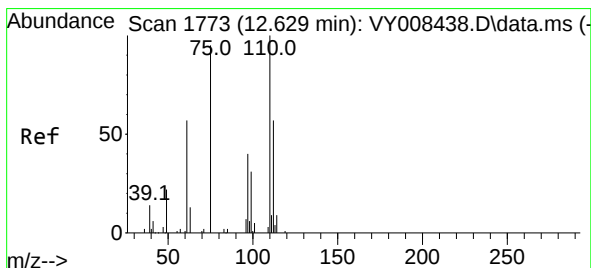
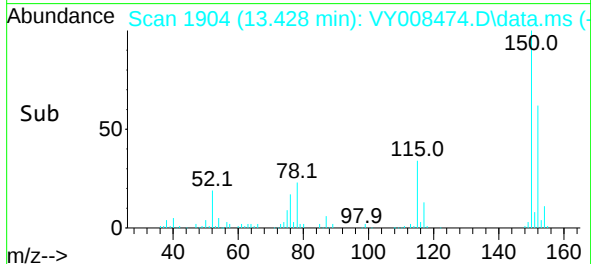
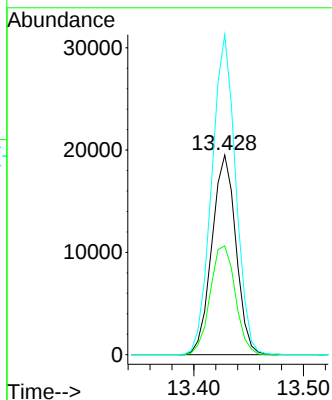
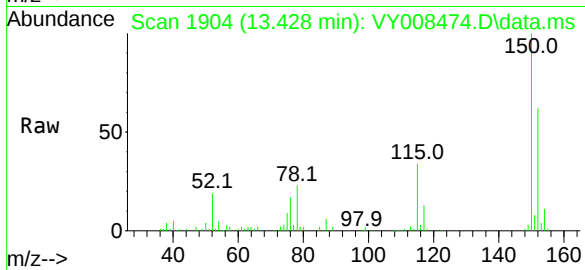




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008474.D
 Acq: 25 Apr 2022 12:10

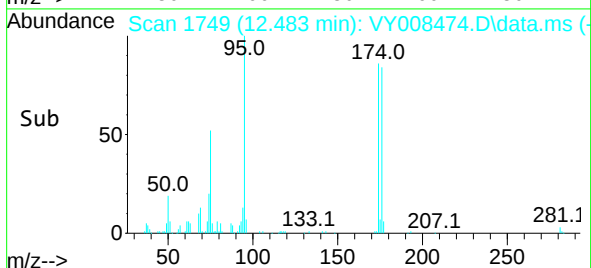
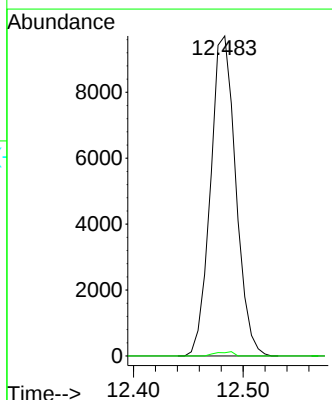
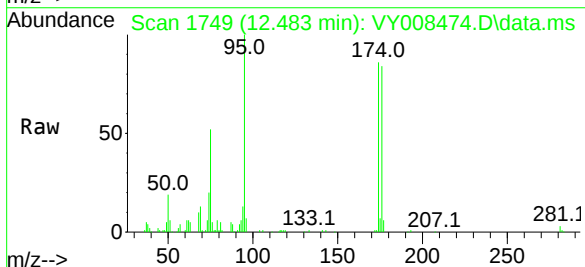
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-042122

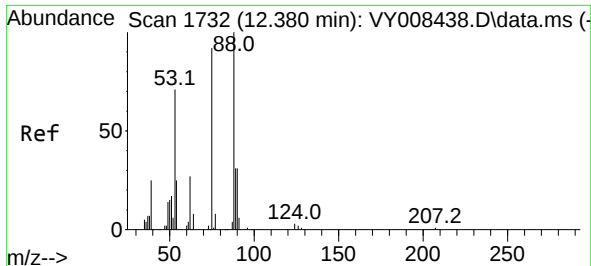
Tgt Ion:152 Resp: 29762
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.7
 150 159.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.385 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008474.D
 Acq: 25 Apr 2022 12:10

Tgt Ion: 75 Resp: 15555
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#

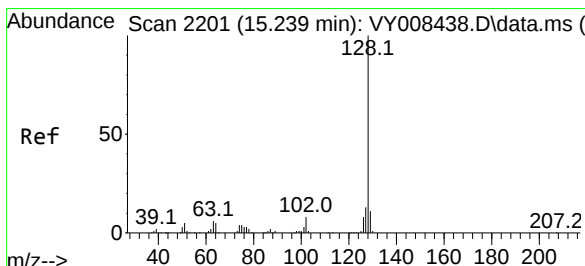
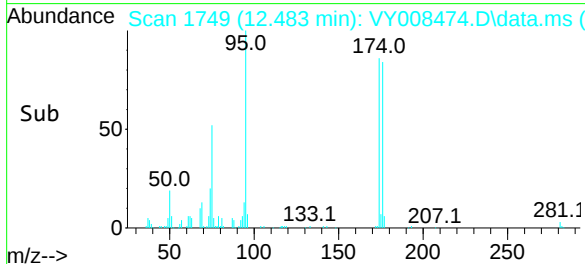
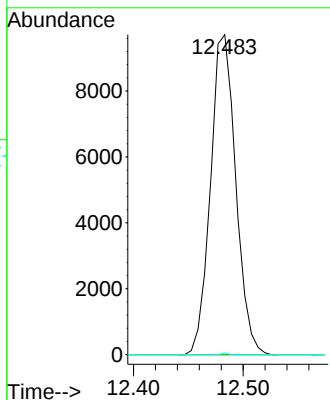
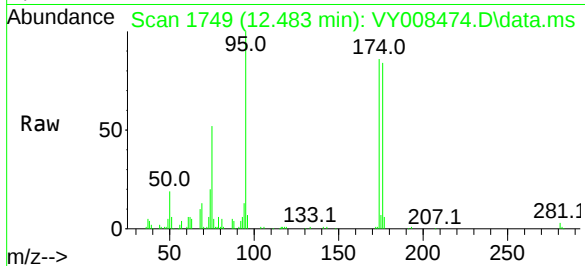




#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.688 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY008474.D
 Acq: 25 Apr 2022 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-042122

Tgt Ion: 75 Resp: 15555
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#



#95
 Naphthalene
 Concen: 1.052 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: VY008474.D
 Acq: 25 Apr 2022 12:10

Tgt Ion: 128 Resp: 1300
 Ion Ratio Lower Upper
 128 100
 127 6.9 11.0 16.4#
 129 5.5 8.4 12.6#

