

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042224\
 Data File : VY018012.D
 Acq On : 22 Apr 2024 15:48
 Operator : SY/MD
 Sample : P2187-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 01:43:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

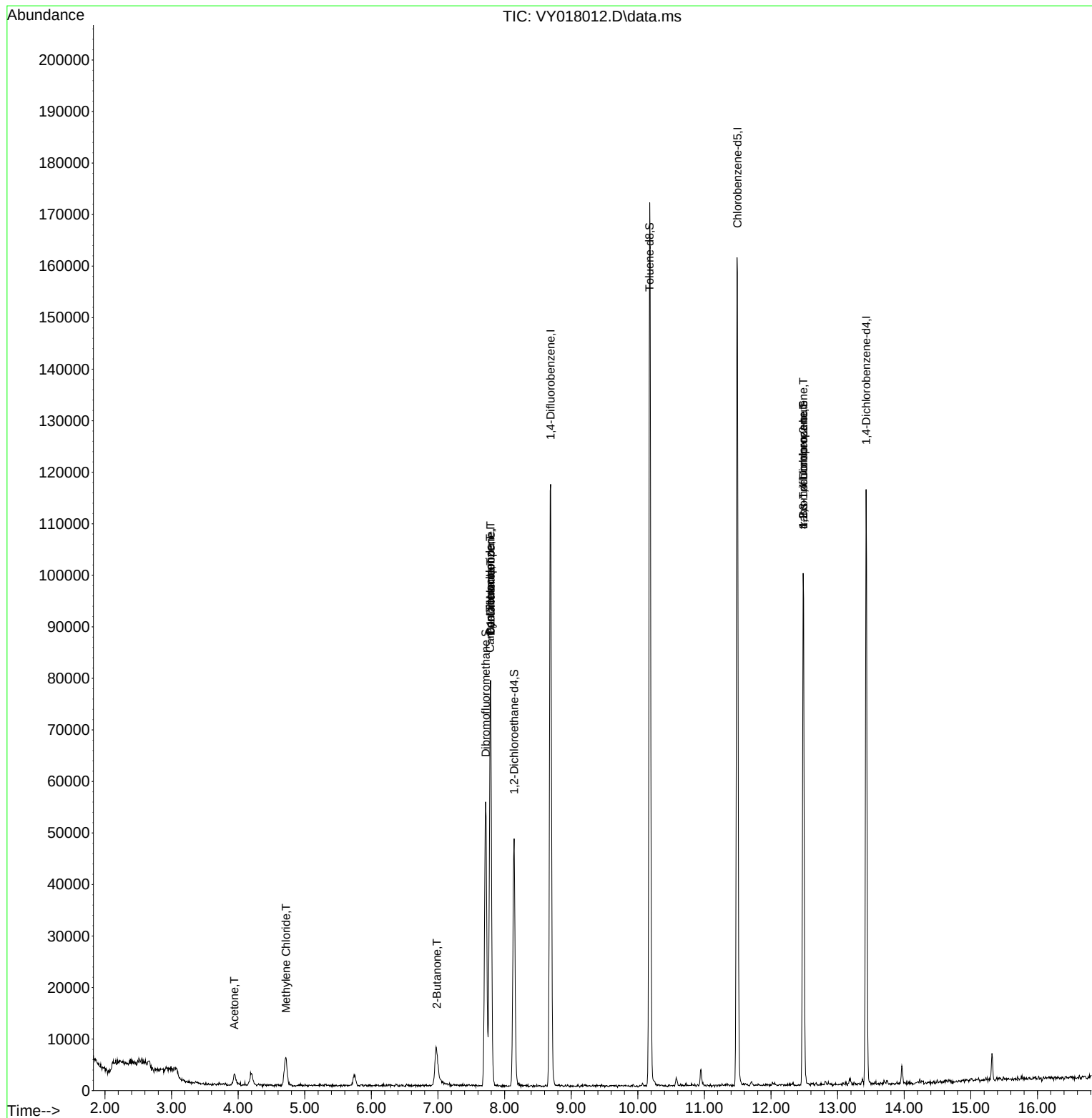
Internal Standards						
1) Pentafluorobenzene	7.789	168	63990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	107799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	95055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	31145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	36511	65.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.86%
35) Dibromofluoromethane	7.716	113	40729	61.24	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.48%
50) Toluene-d8	10.179	98	120898	47.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.82%
62) 4-Bromofluorobenzene	12.483	95	31042	39.72	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.44%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	25	Below Cal	#	88
16) Acetone	3.942	43	3930	35.92	ug/l	88
20) Methylene Chloride	4.716	84	4485	6.05	ug/l	90
25) 2-Butanone	6.984	43	266	1.65	ug/l #	41
31) Cyclohexane	7.789	56	1355	1.28	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	4860	5.02	ug/l #	45
38) Carbon Tetrachloride	7.783	117	5968	6.11	ug/l #	22
76) 1,2,3-Trichloropropane	12.483	75	15306	52.37	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	15306	107.98	ug/l #	16

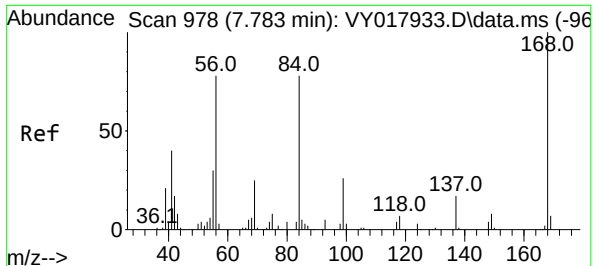
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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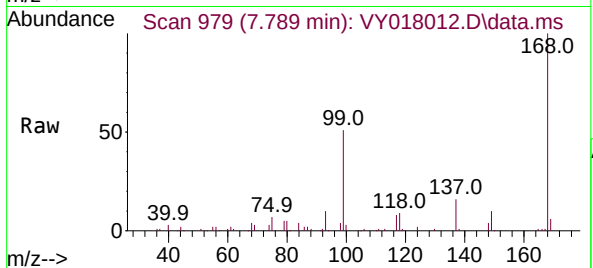
Quant Time: Apr 23 01:43:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
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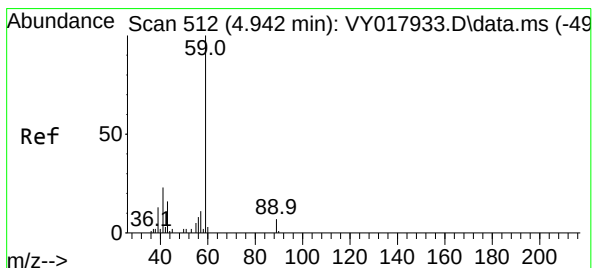
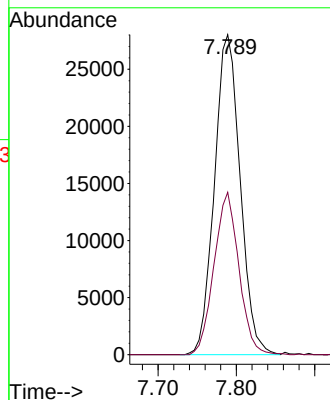
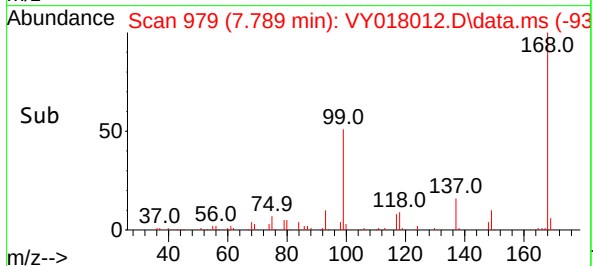


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :

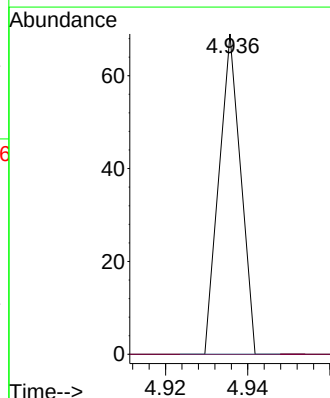
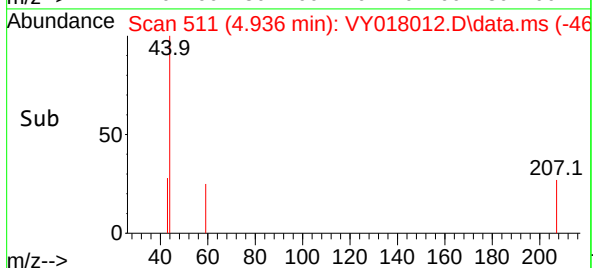
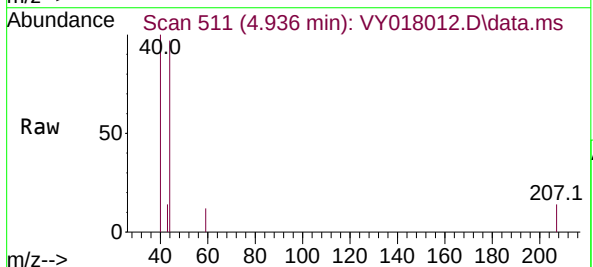


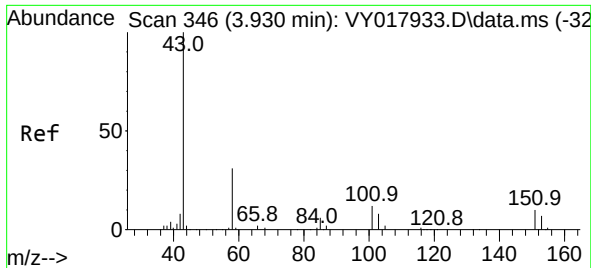
Tgt Ion:168 Resp: 63990
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48

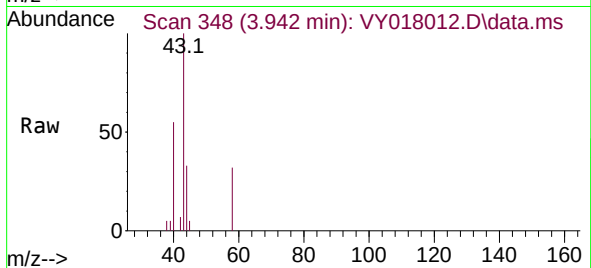
Tgt Ion: 59 Resp: 25
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



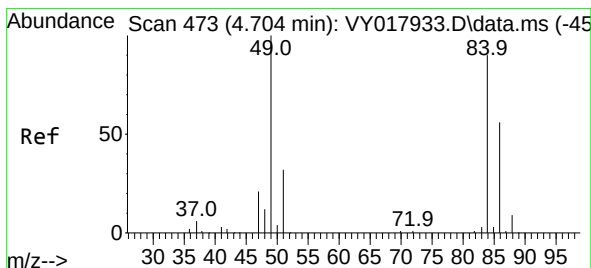
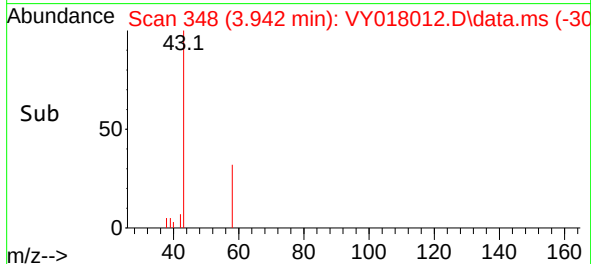
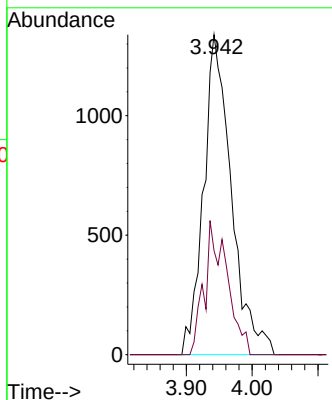


#16
Acetone
Concen: 35.92 ug/l
RT: 3.942 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :

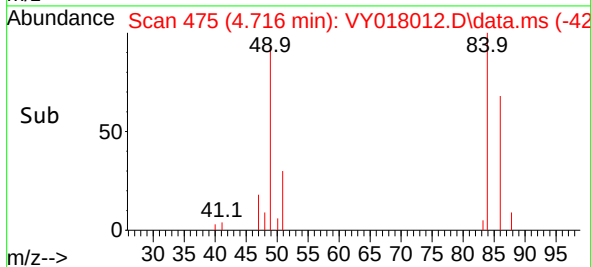
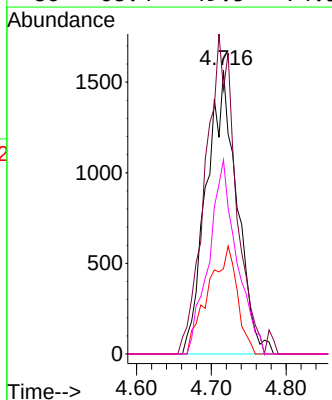
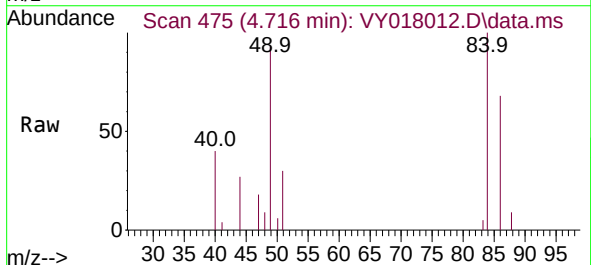


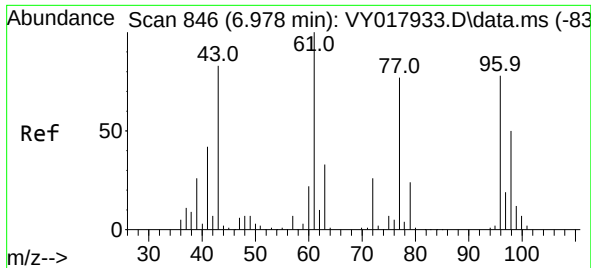
Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
58 32.5 31.7 47.5



#20
Methylene Chloride
Concen: 6.05 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48

Tgt Ion: 84 Resp: 4485
Ion Ratio Lower Upper
84 100
49 93.2 84.4 126.6
51 30.1 26.0 39.0
86 68.4 49.5 74.3

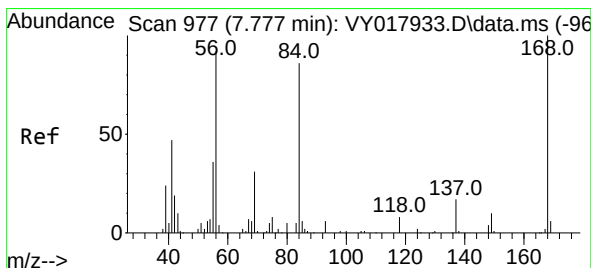
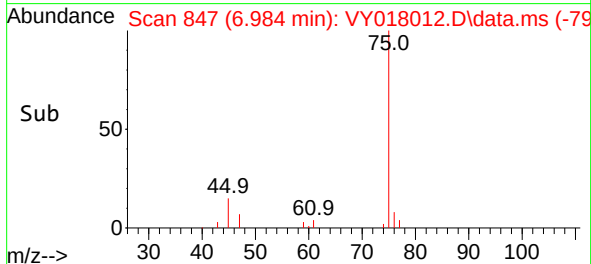
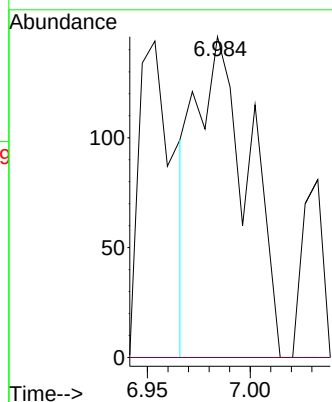
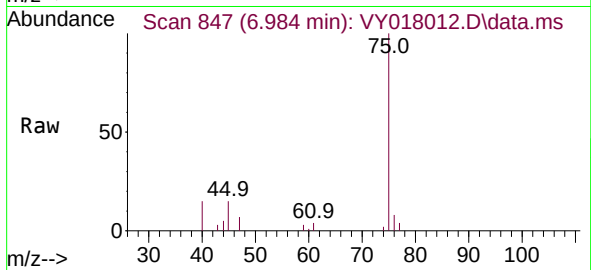




#25
2-Butanone
Concen: 1.65 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48

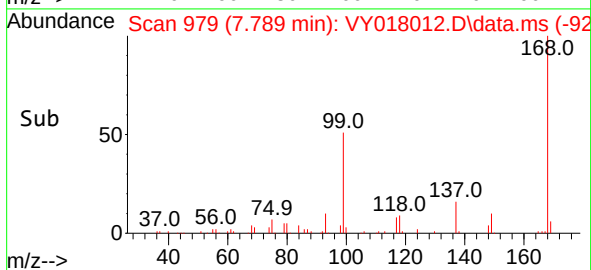
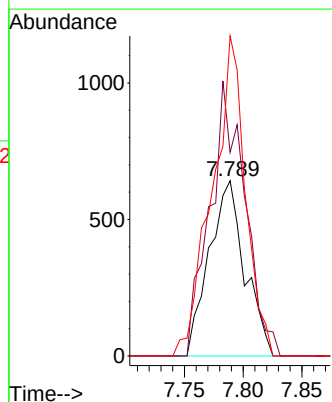
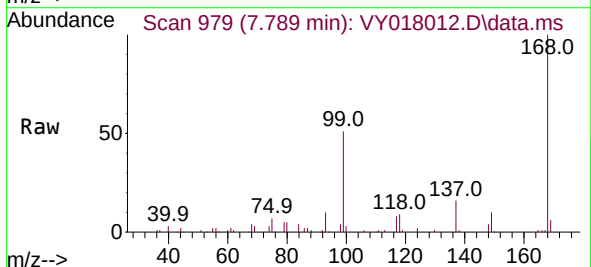
Instrument :
MSVOA_Y
ClientSampleId :

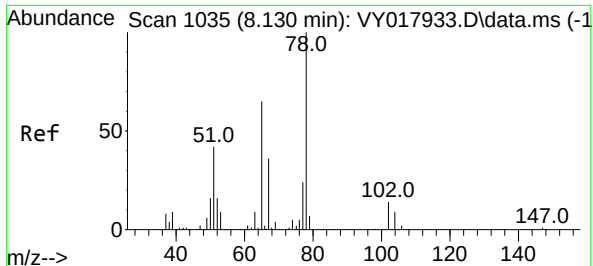
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48

Tgt Ion: 56 Resp: 1355
Ion Ratio Lower Upper
56 100
69 116.2 28.7 43.1#
84 182.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 65.93 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY018012.D

Acq: 22 Apr 2024 15:48

Instrument :

MSVOA_Y

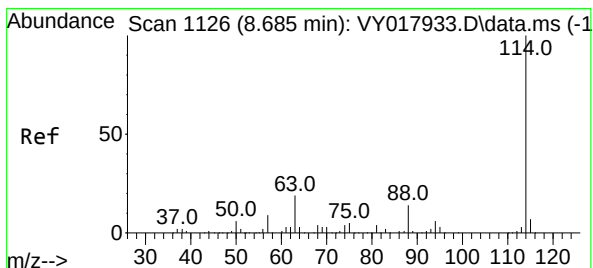
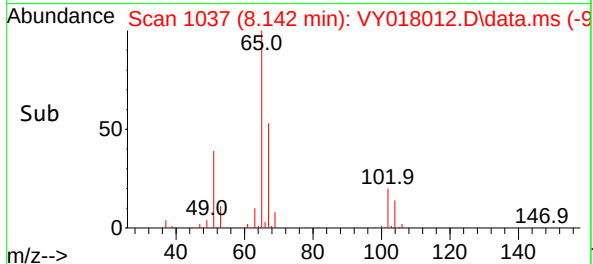
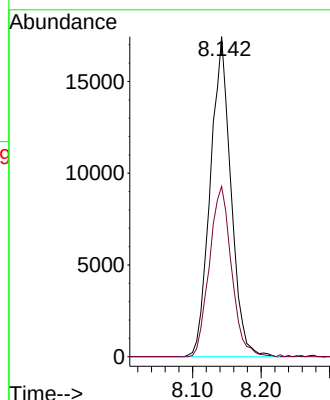
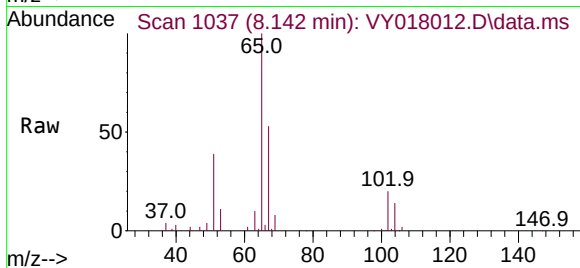
ClientSampleId :

Tgt Ion: 65 Resp: 36511

Ion Ratio Lower Upper

65 100

67 56.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018012.D

Acq: 22 Apr 2024 15:48

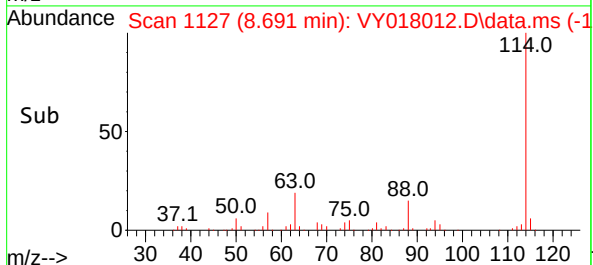
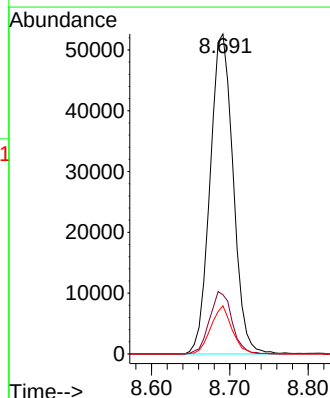
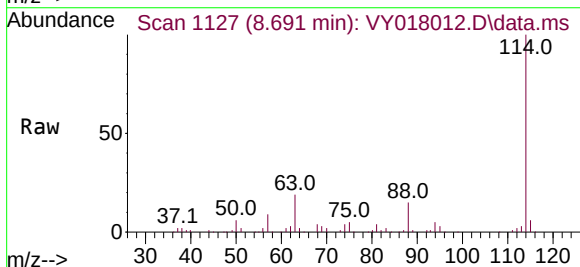
Tgt Ion:114 Resp: 107799

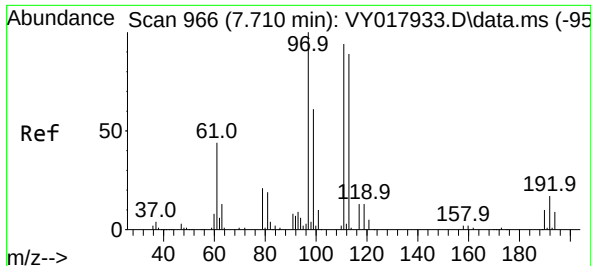
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

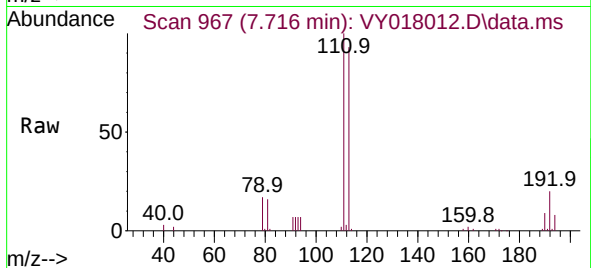
88 15.1 0.0 27.2



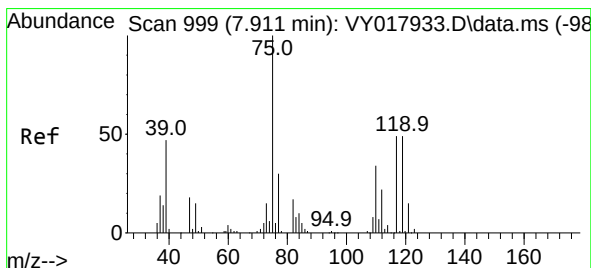
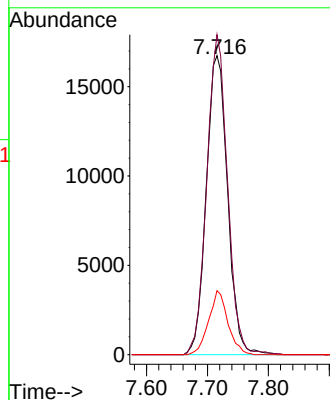
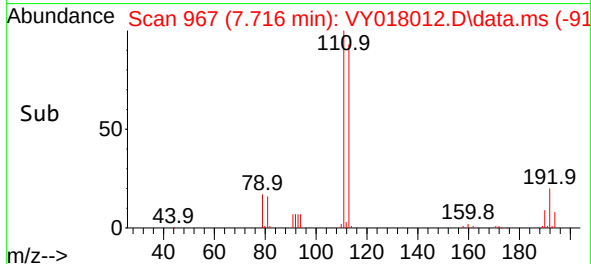


#35
Dibromofluoromethane
Concen: 61.24 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48

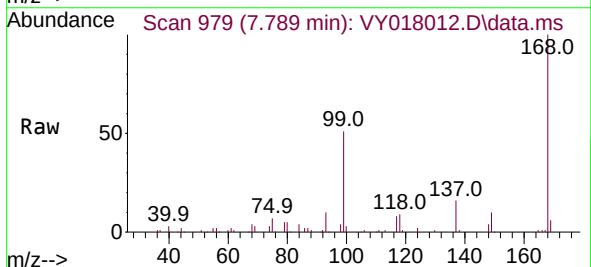
Instrument :
MSVOA_Y
ClientSampleId :



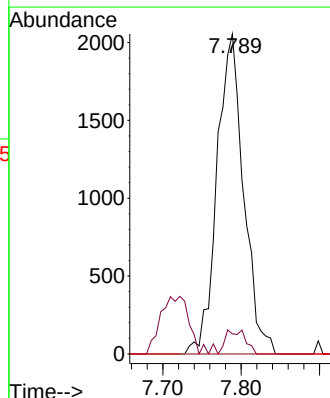
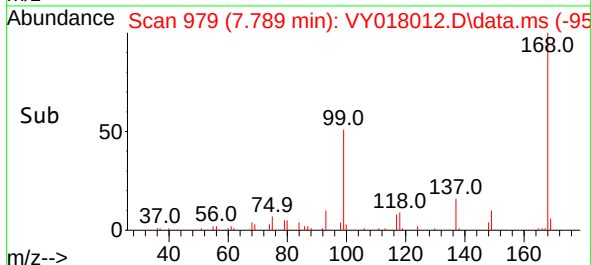
Tgt Ion:113 Resp: 40729
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 19.4 15.9 23.9

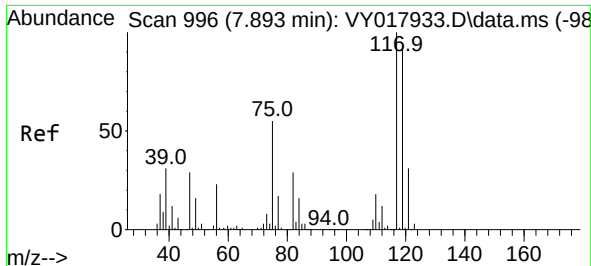


#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48



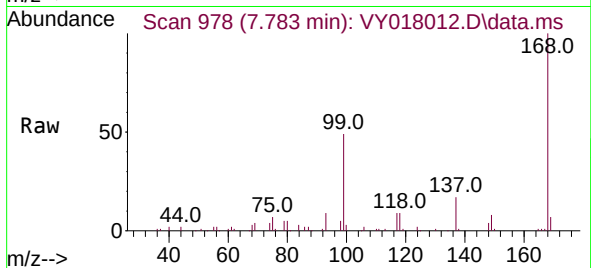
Tgt Ion: 75 Resp: 4860
Ion Ratio Lower Upper
75 100
110 5.5 19.0 57.0#
77 0.0 25.3 37.9#



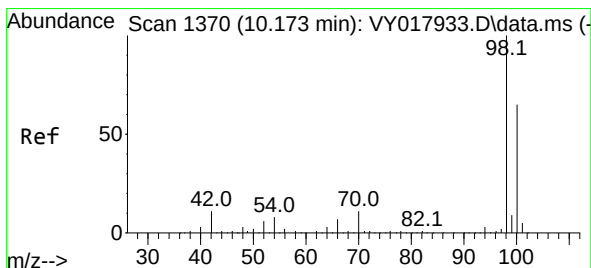
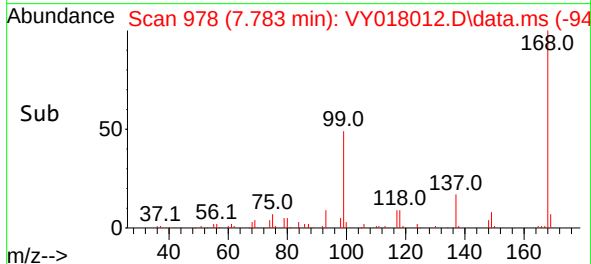
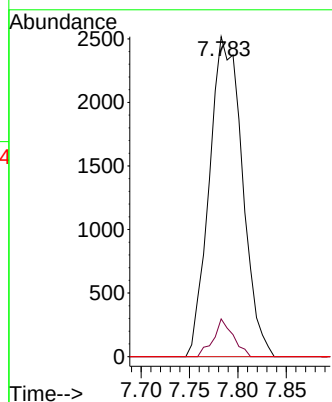


#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :

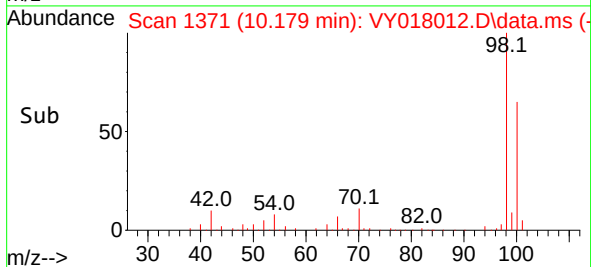
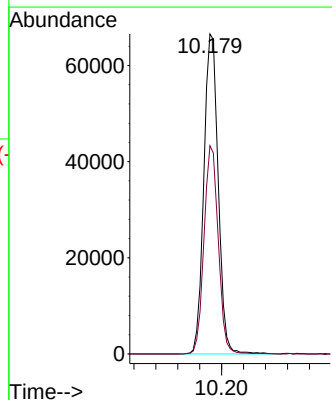
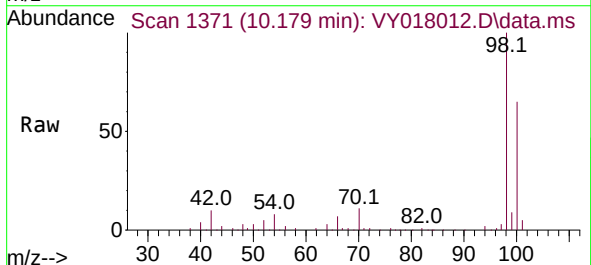


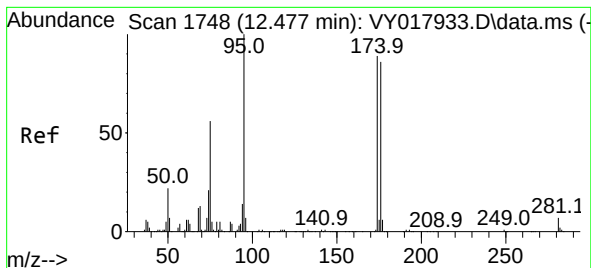
Tgt Ion:117 Resp: 5968
Ion Ratio Lower Upper
117 100
119 11.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.91 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48

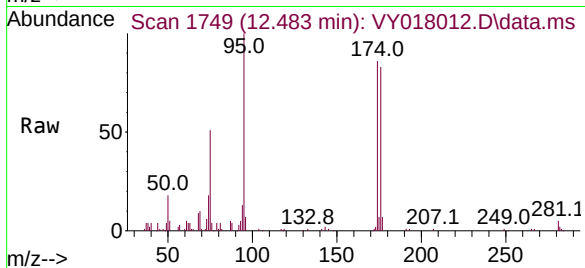
Tgt Ion: 98 Resp: 120898
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



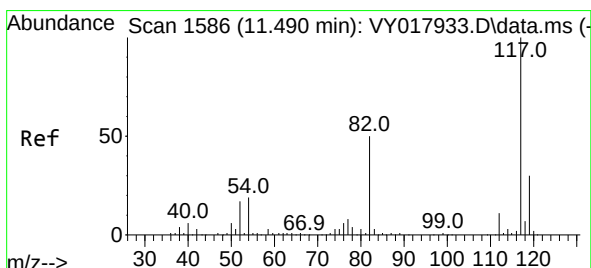
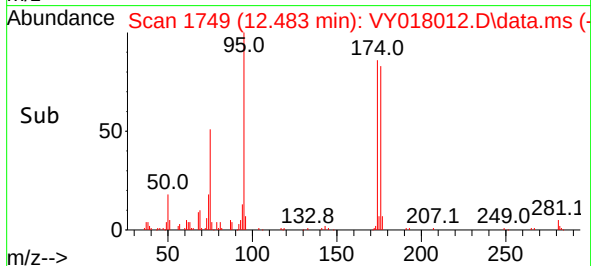
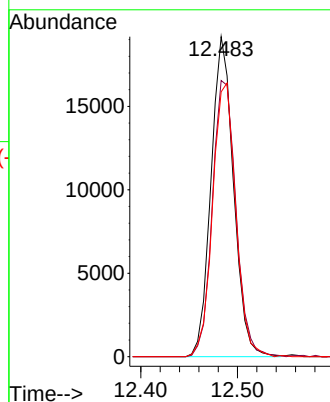


#62
4-Bromofluorobenzene
Concen: 39.72 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :

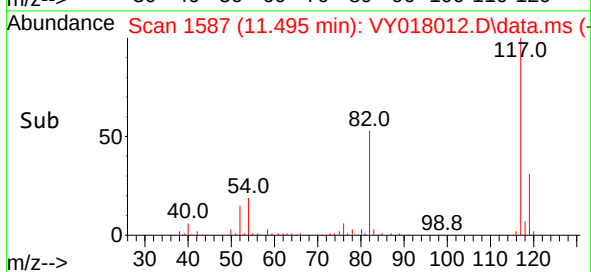
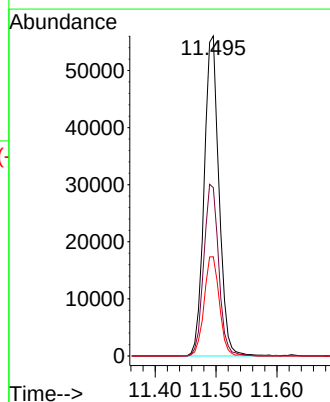
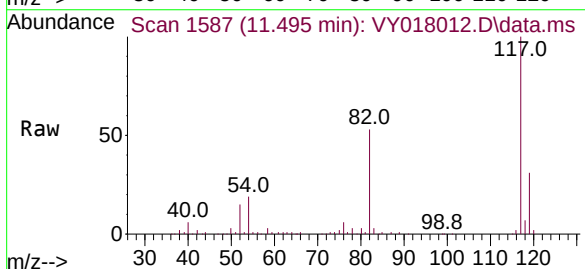


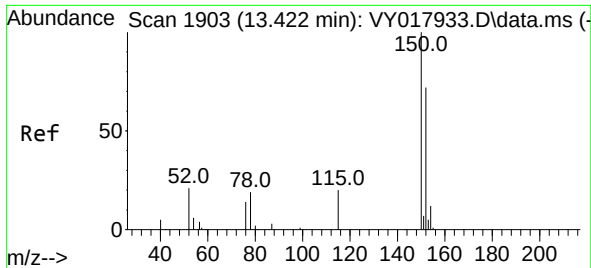
Tgt Ion: 95 Resp: 31042
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 88.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018012.D
Acq: 22 Apr 2024 15:48

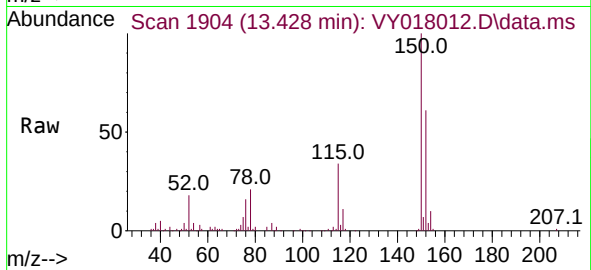
Tgt Ion: 117 Resp: 95055
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 31.0 25.9 38.9



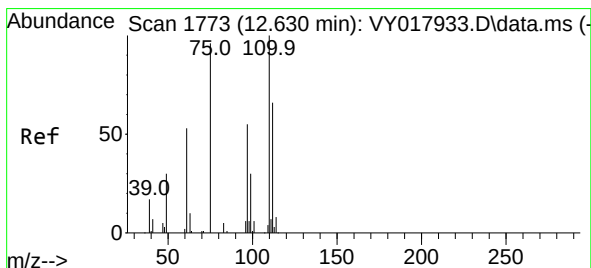
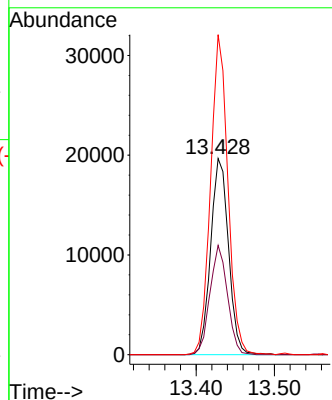
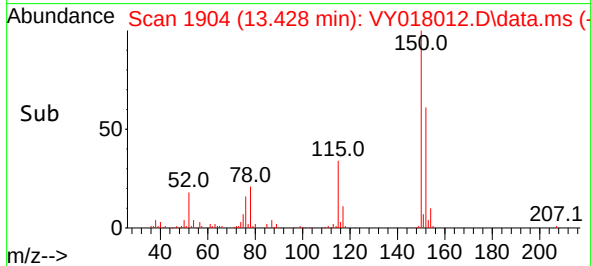


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018012.D
 Acq: 22 Apr 2024 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :

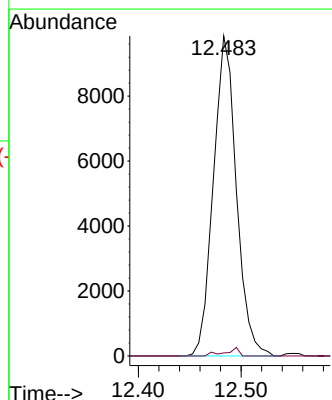
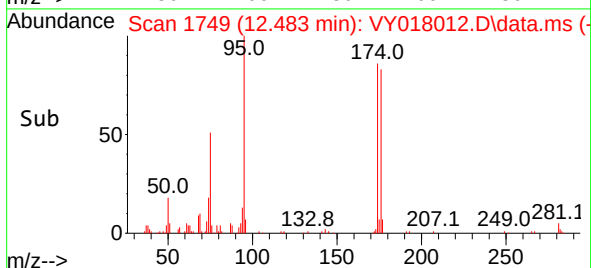
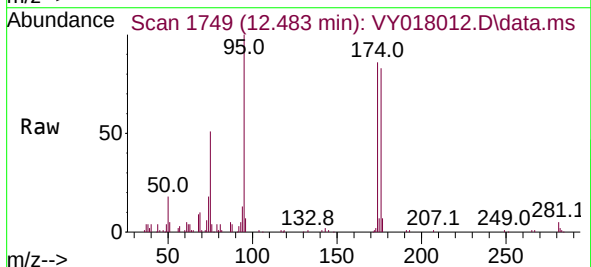


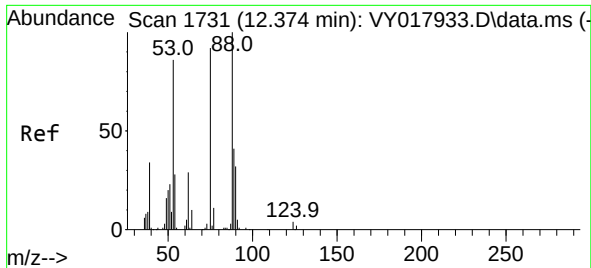
Tgt Ion:152 Resp: 31145
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 158.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 52.37 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY018012.D
 Acq: 22 Apr 2024 15:48

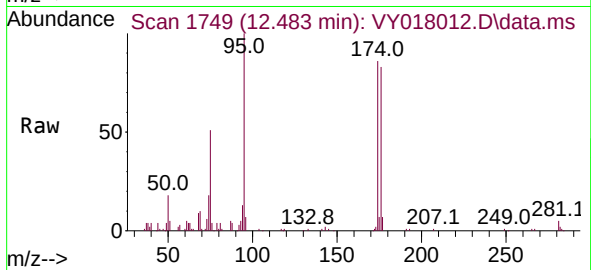
Tgt Ion: 75 Resp: 15306
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.98 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018012.D
 Acq: 22 Apr 2024 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 15306
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

