

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019982.D
 Acq On : 22 Oct 2024 16:21
 Operator : SY/MD
 Sample : P4474-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 01:31:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

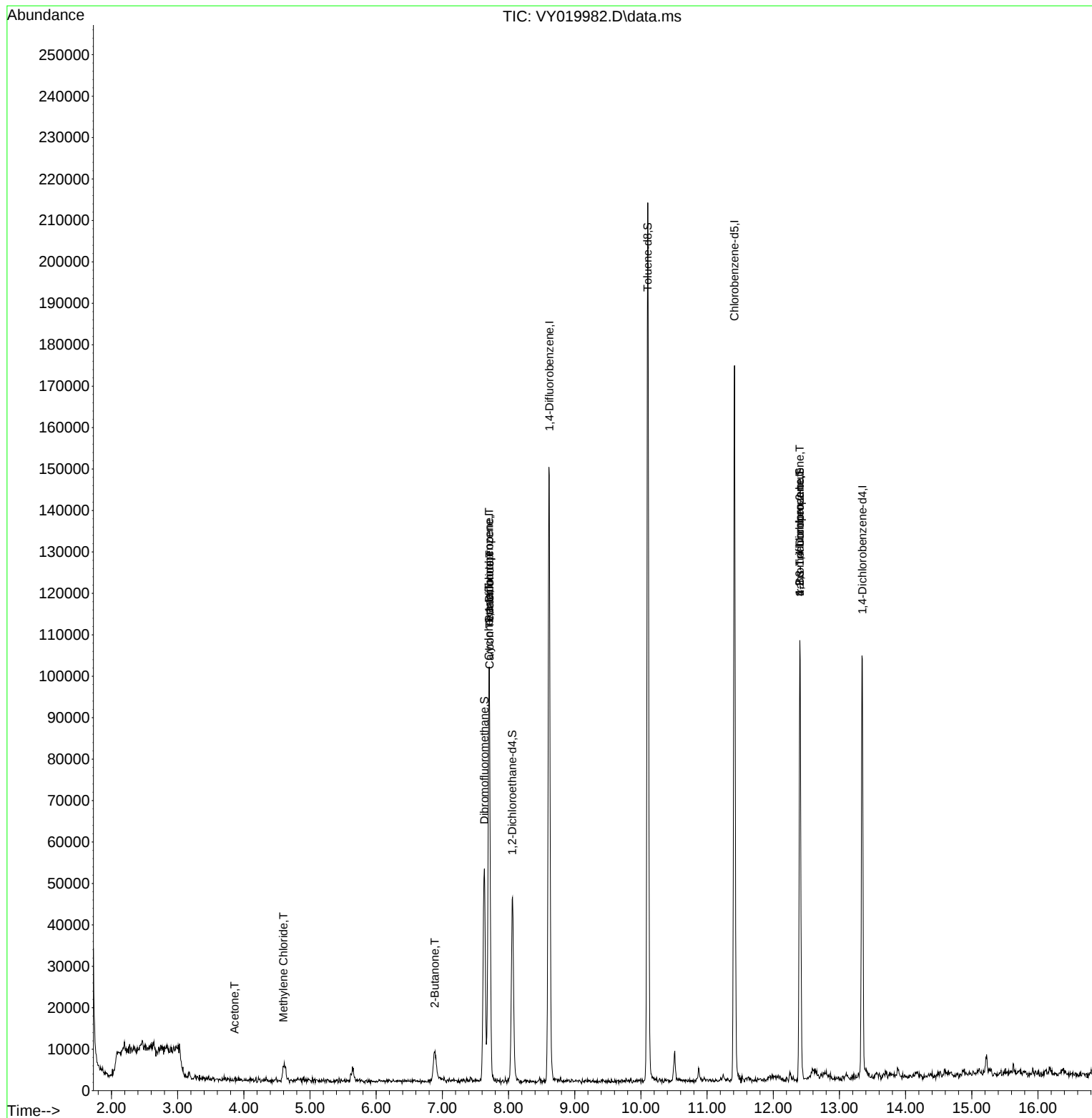
Internal Standards						
1) Pentafluorobenzene	7.707	168	66069	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	117722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	84884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	24152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	35773	43.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.940%
35) Dibromofluoromethane	7.634	113	35512	45.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.420%
50) Toluene-d8	10.103	98	132125	46.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.402	95	31319	30.214	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	60.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.830	59	321	Below Cal	#	88
16) Acetone	3.860	43	1084	5.119	ug/l #	36
20) Methylene Chloride	4.598	84	1932	1.690	ug/l #	79
25) 2-Butanone	6.884	43	656	2.314	ug/l #	41
31) Cyclohexane	7.701	56	2170	1.596	ug/l #	29
36) 1,1-Dichloropropene	7.707	75	7046	6.296	ug/l #	47
38) Carbon Tetrachloride	7.713	117	7995	6.664	ug/l #	15
76) 1,2,3-Trichloropropane	12.402	75	18676	39.473	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	18676	159.327	ug/l #	16

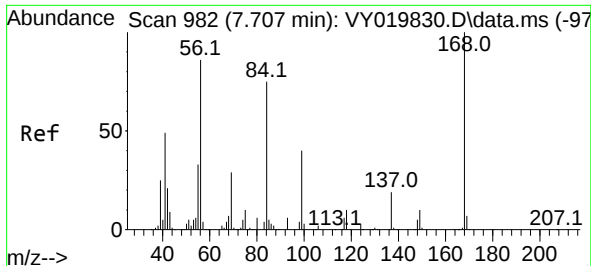
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
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ClientSampleId :

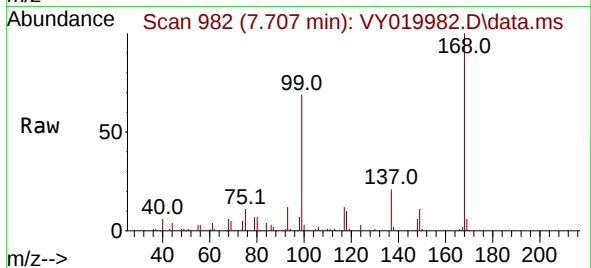
Quant Time: Oct 23 01:31:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration



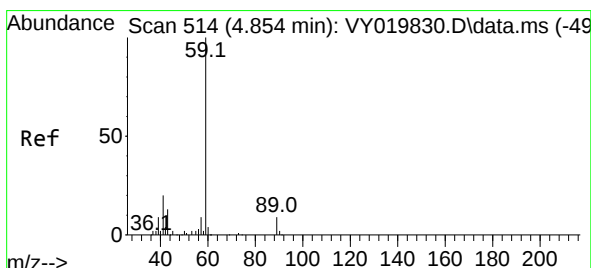
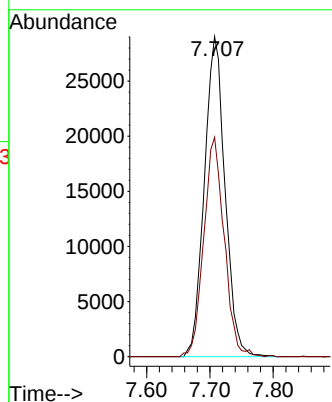
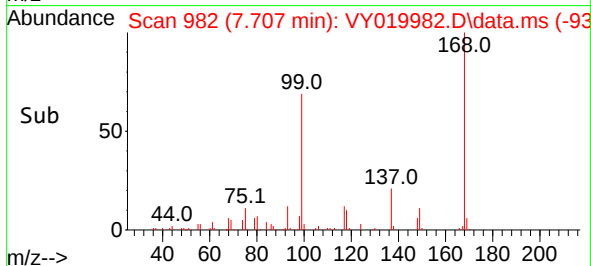


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

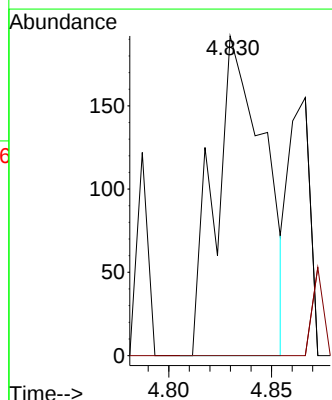
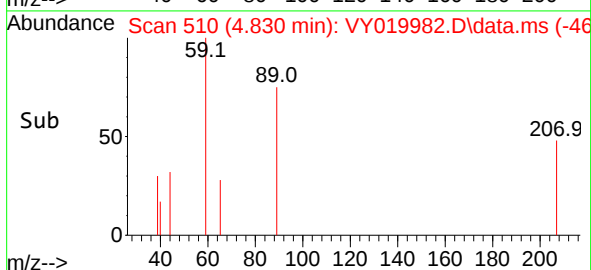
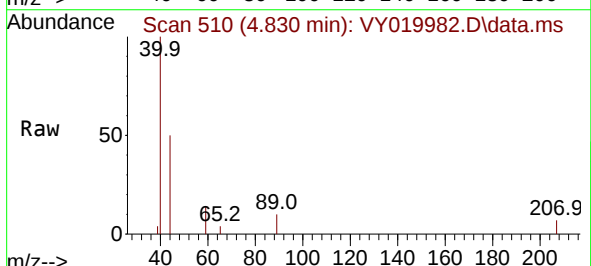


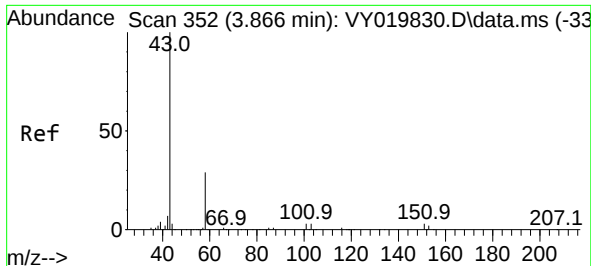
Tgt Ion:168 Resp: 66069
Ion Ratio Lower Upper
168 100
99 68.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.830 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

Tgt Ion: 59 Resp: 321
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

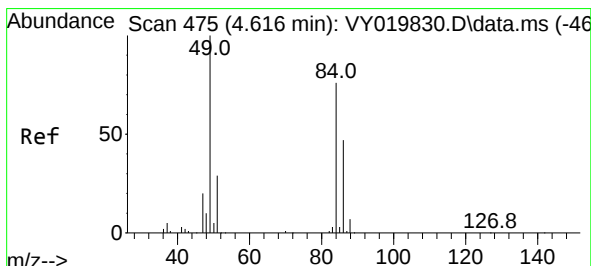
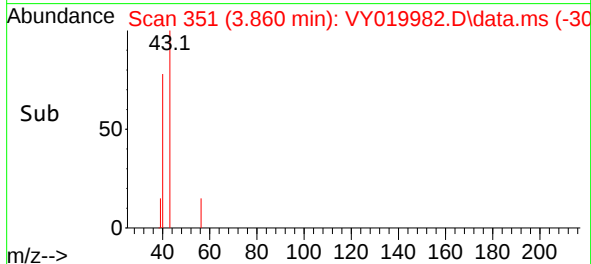
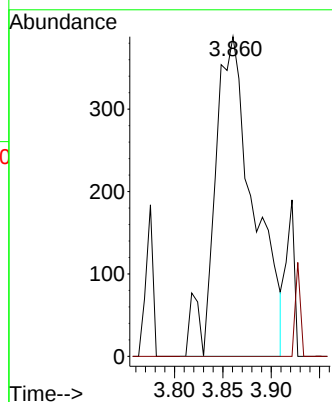
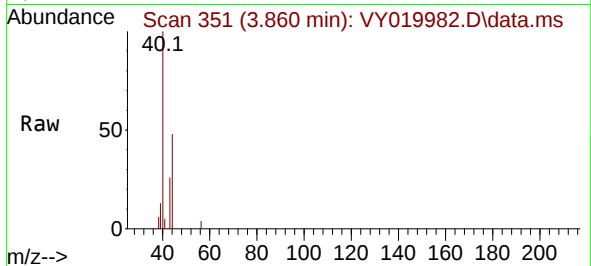




#16
Acetone
Concen: 5.119 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

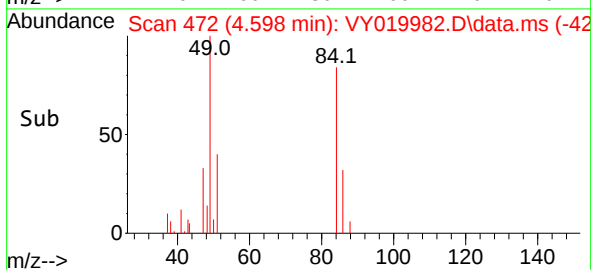
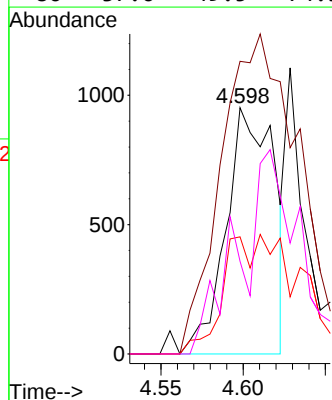
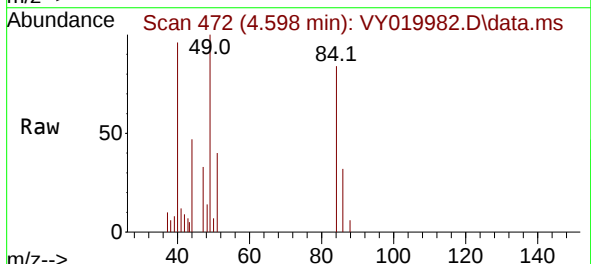
Instrument :
MSVOA_Y
ClientSampleId :

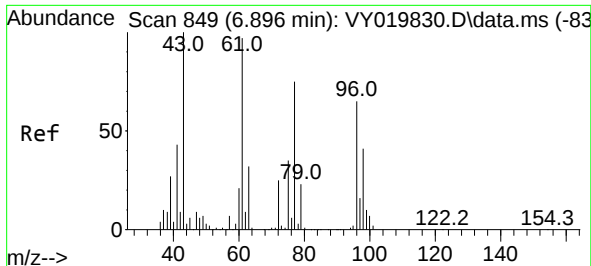
Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 1.690 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

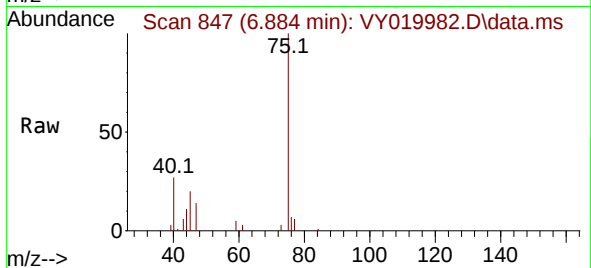
Tgt Ion: 84 Resp: 1932
Ion Ratio Lower Upper
84 100
49 118.8 84.4 126.6
51 47.6 26.0 39.0#
86 37.6 49.5 74.3#



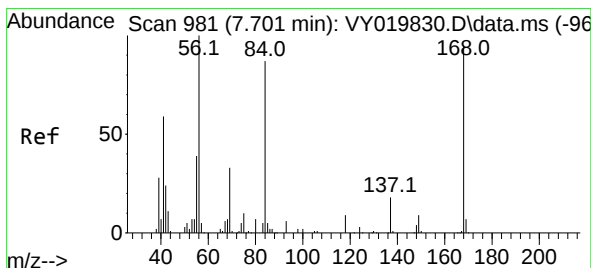
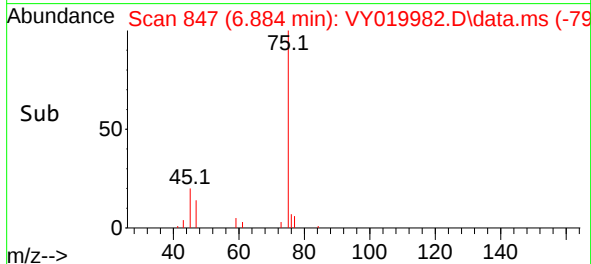
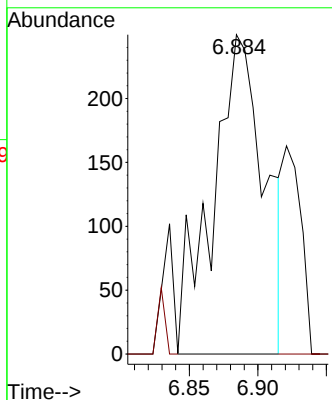


#25
2-Butanone
Concen: 2.314 ug/l
RT: 6.884 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

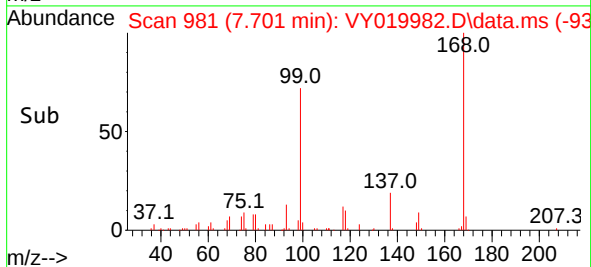
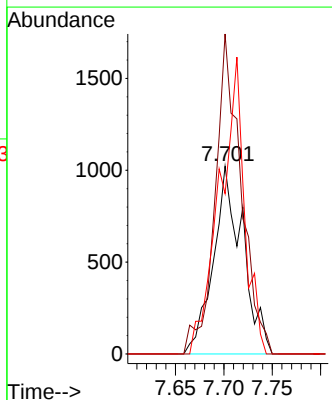
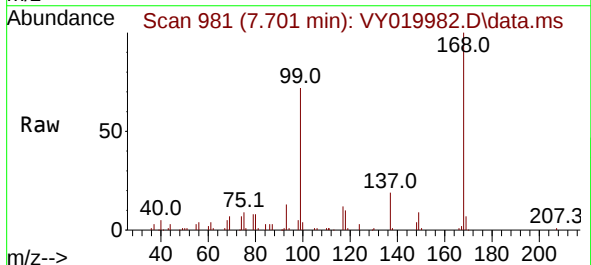


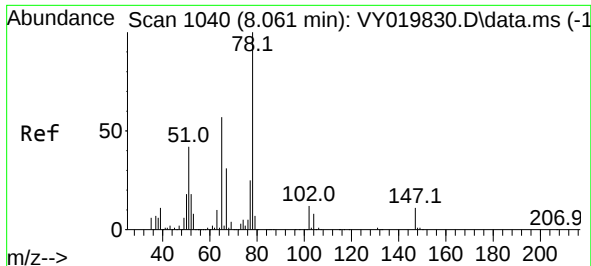
Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.596 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

Tgt Ion: 56 Resp: 2170
Ion Ratio Lower Upper
56 100
69 170.5 28.7 43.1#
84 85.4 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 43.974 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY019982.D

Acq: 22 Oct 2024 16:21

Instrument :

MSVOA_Y

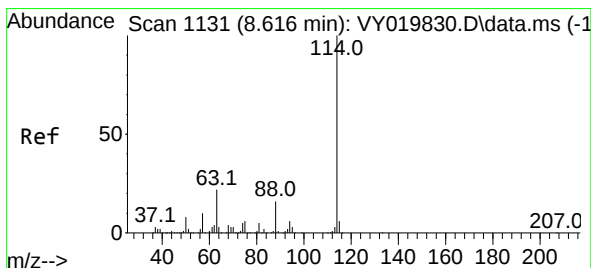
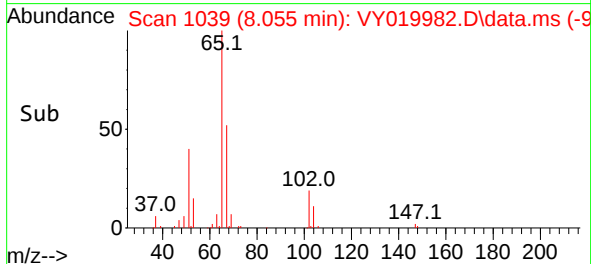
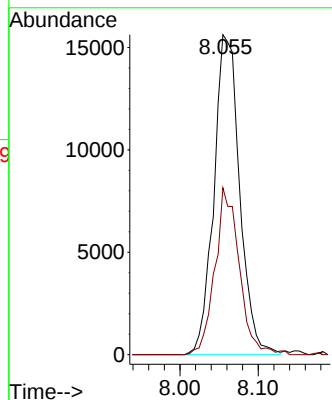
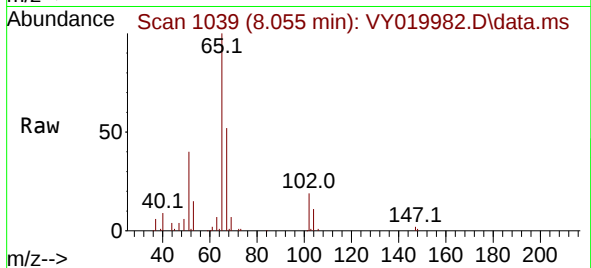
ClientSampleId :

Tgt Ion: 65 Resp: 35773

Ion Ratio Lower Upper

65 100

67 49.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019982.D

Acq: 22 Oct 2024 16:21

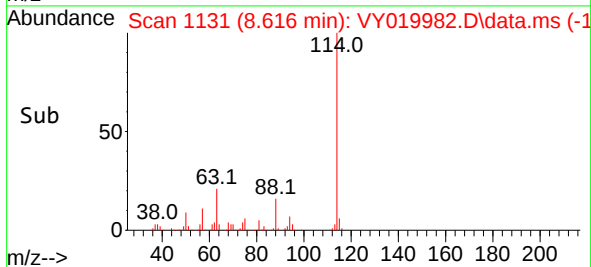
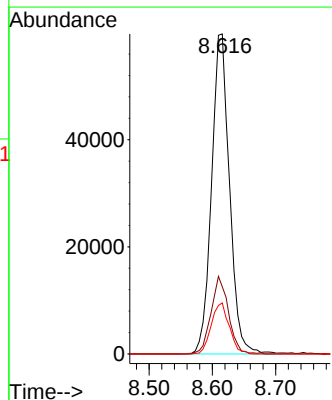
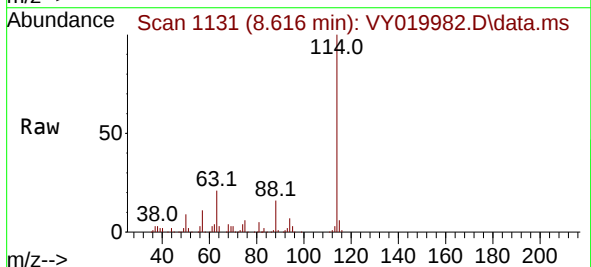
Tgt Ion: 114 Resp: 117722

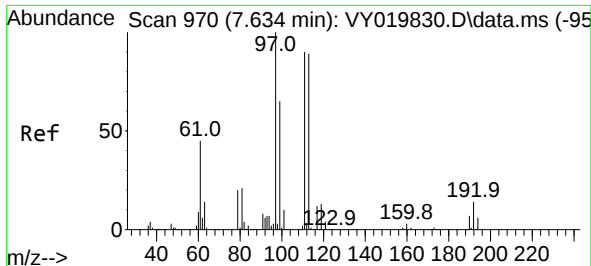
Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

88 15.9 0.0 27.2

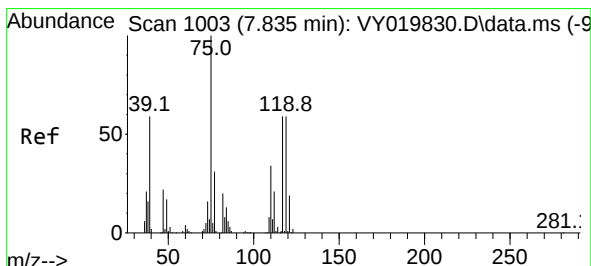
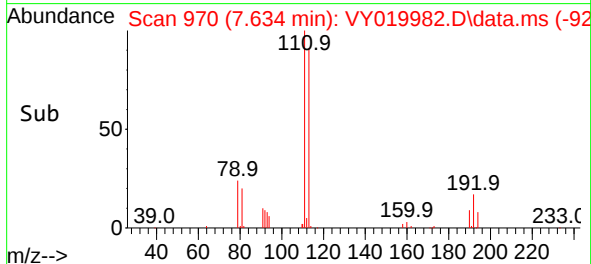
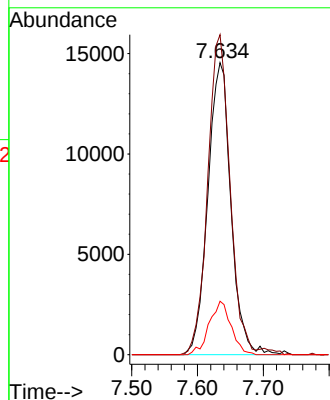
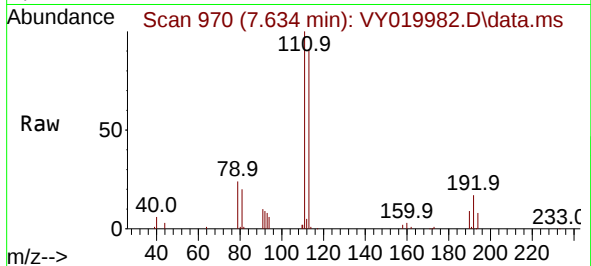




#35
Dibromofluoromethane
Concen: 45.714 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

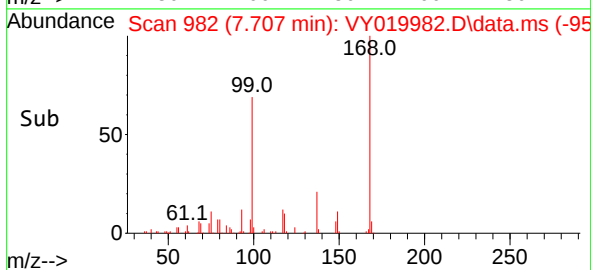
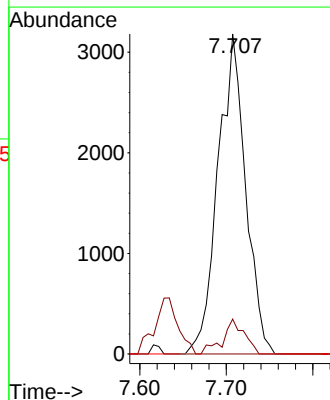
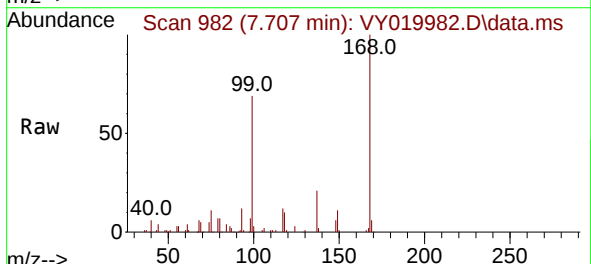
Instrument :
MSVOA_Y
ClientSampleId :

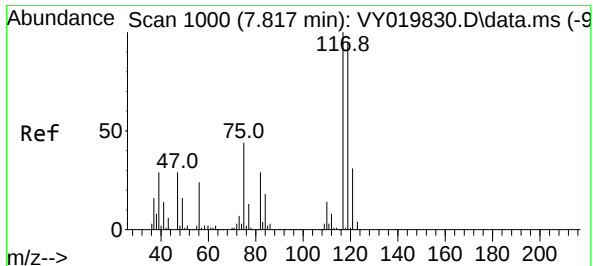
Tgt Ion:113 Resp: 35512
Ion Ratio Lower Upper
113 100
111 105.6 82.2 123.4
192 17.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.296 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

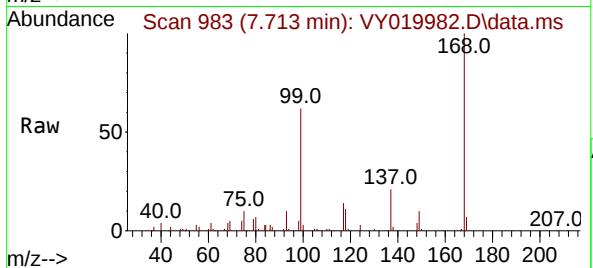
Tgt Ion: 75 Resp: 7046
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#



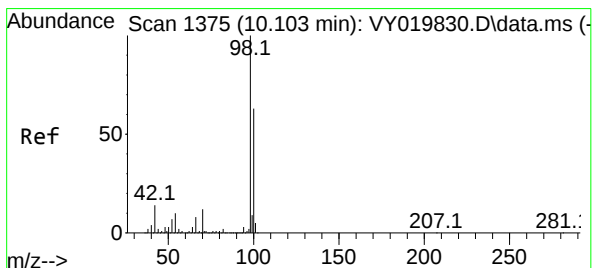
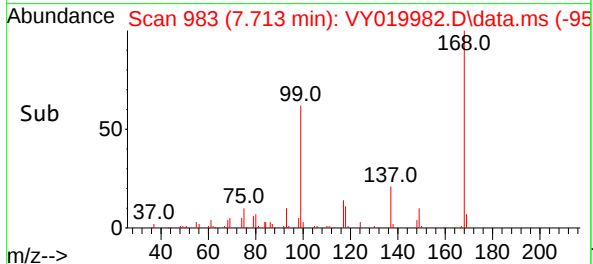
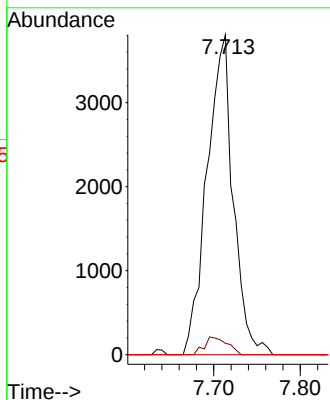


#38
Carbon Tetrachloride
Concen: 6.664 ug/l
RT: 7.713 min Scan# 911
Delta R.T. -0.103 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

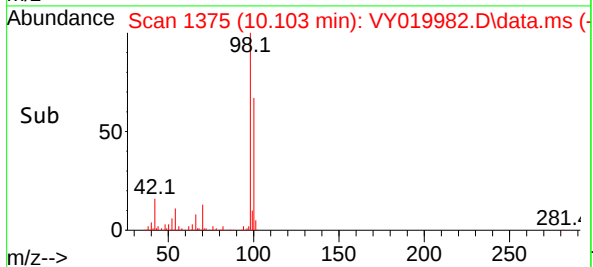
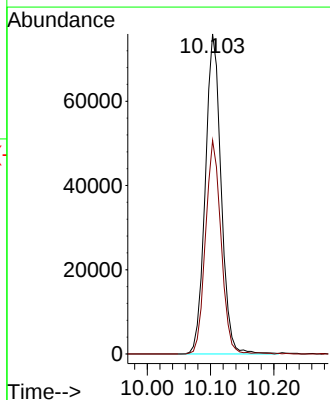
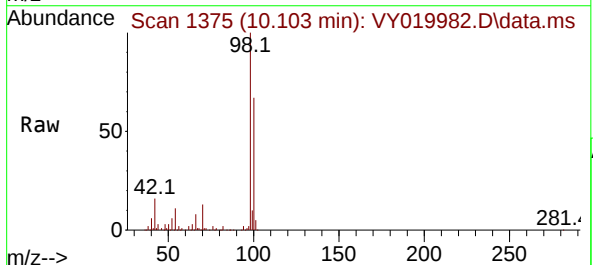


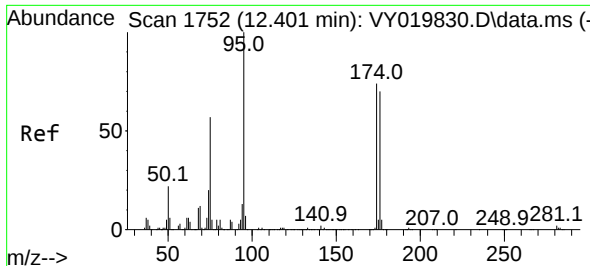
Tgt Ion:117 Resp: 7995
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.057 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

Tgt Ion: 98 Resp: 132125
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

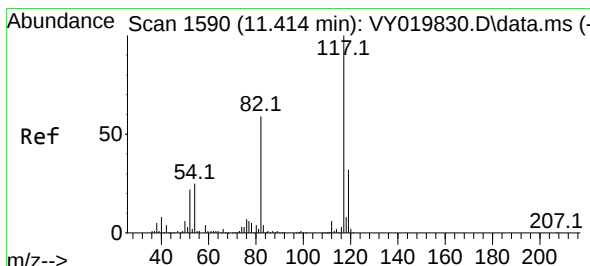
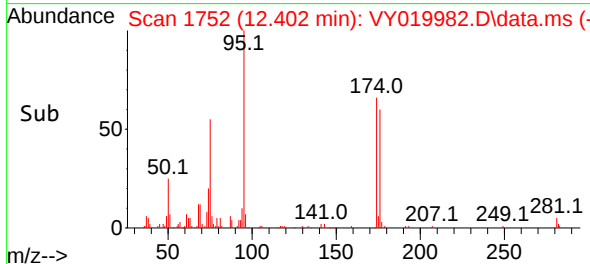
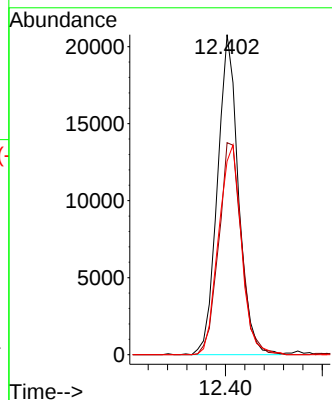
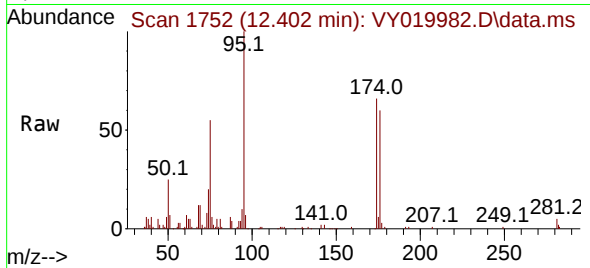




#62
4-Bromofluorobenzene
Concen: 30.214 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

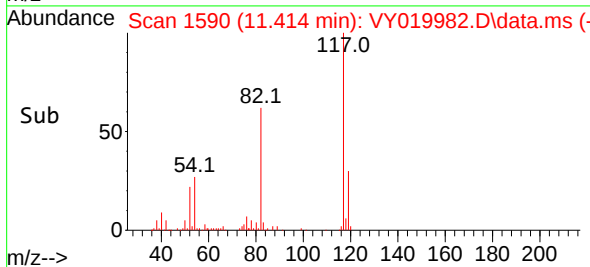
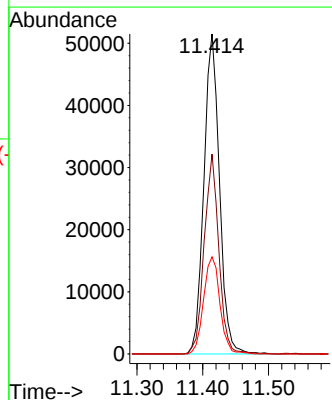
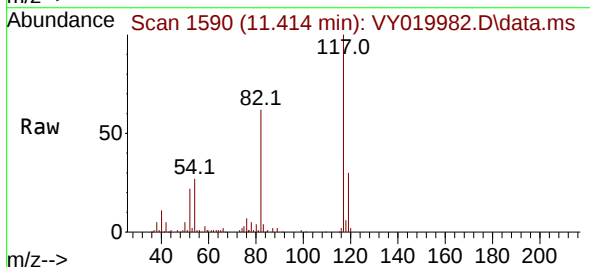
Instrument :
MSVOA_Y
ClientSampleId :

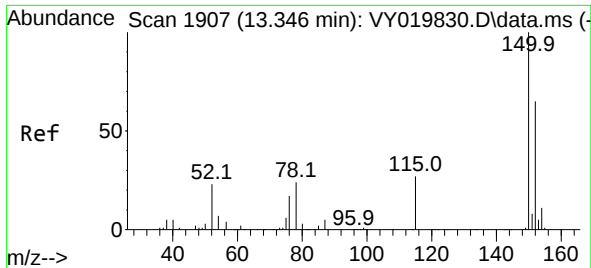
Tgt Ion: 95 Resp: 31319
Ion Ratio Lower Upper
95 100
174 71.7 0.0 175.6
176 71.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

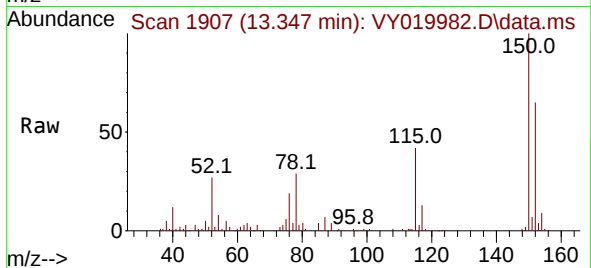
Tgt Ion: 117 Resp: 84884
Ion Ratio Lower Upper
117 100
82 62.4 42.4 63.6
119 30.3 25.9 38.9



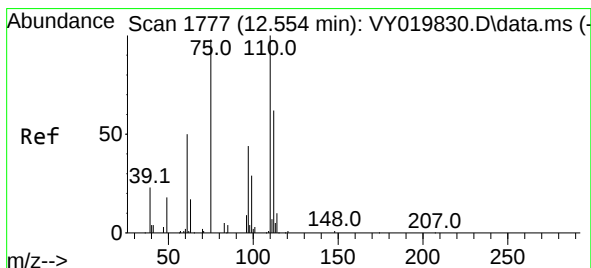
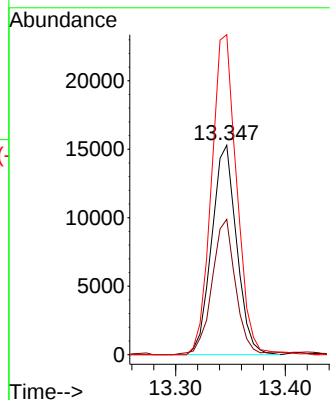
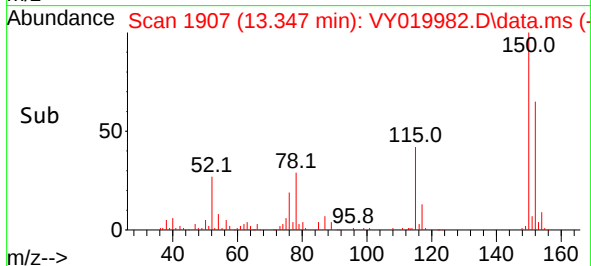


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

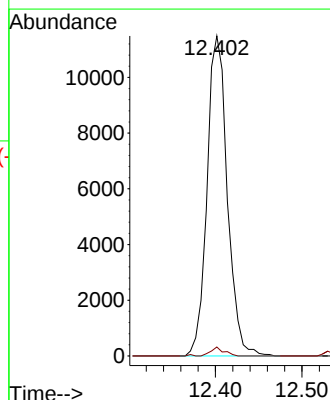
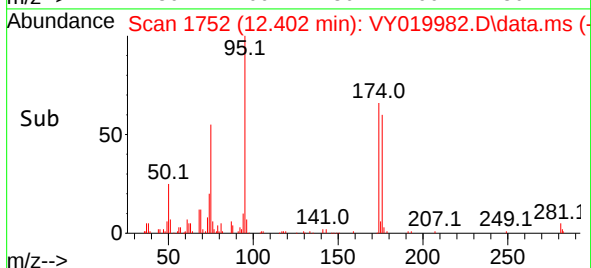
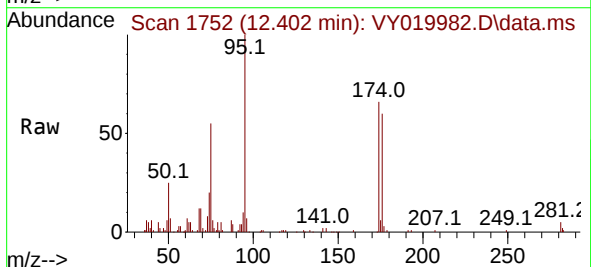


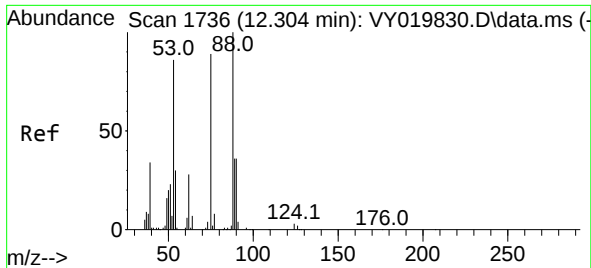
Tgt Ion:152 Resp: 24152
Ion Ratio Lower Upper
152 100
115 61.1 28.2 84.7
150 155.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 39.473 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

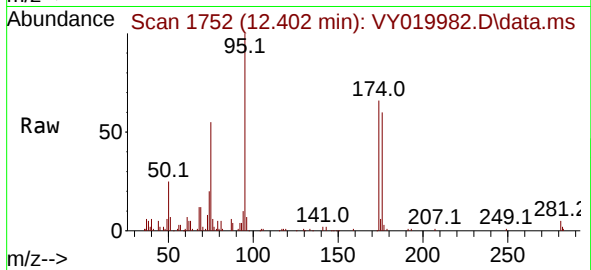
Tgt Ion: 75 Resp: 18676
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.327 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019982.D
 Acq: 22 Oct 2024 16:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 18676
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.8 100.2#
 89 0.0 35.8 53.6#

