

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016923.D
 Acq On : 05 Jan 2024 16:11
 Operator : SY/MD
 Sample : P1051-01
 Misc : 3.89g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 05 22:36:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

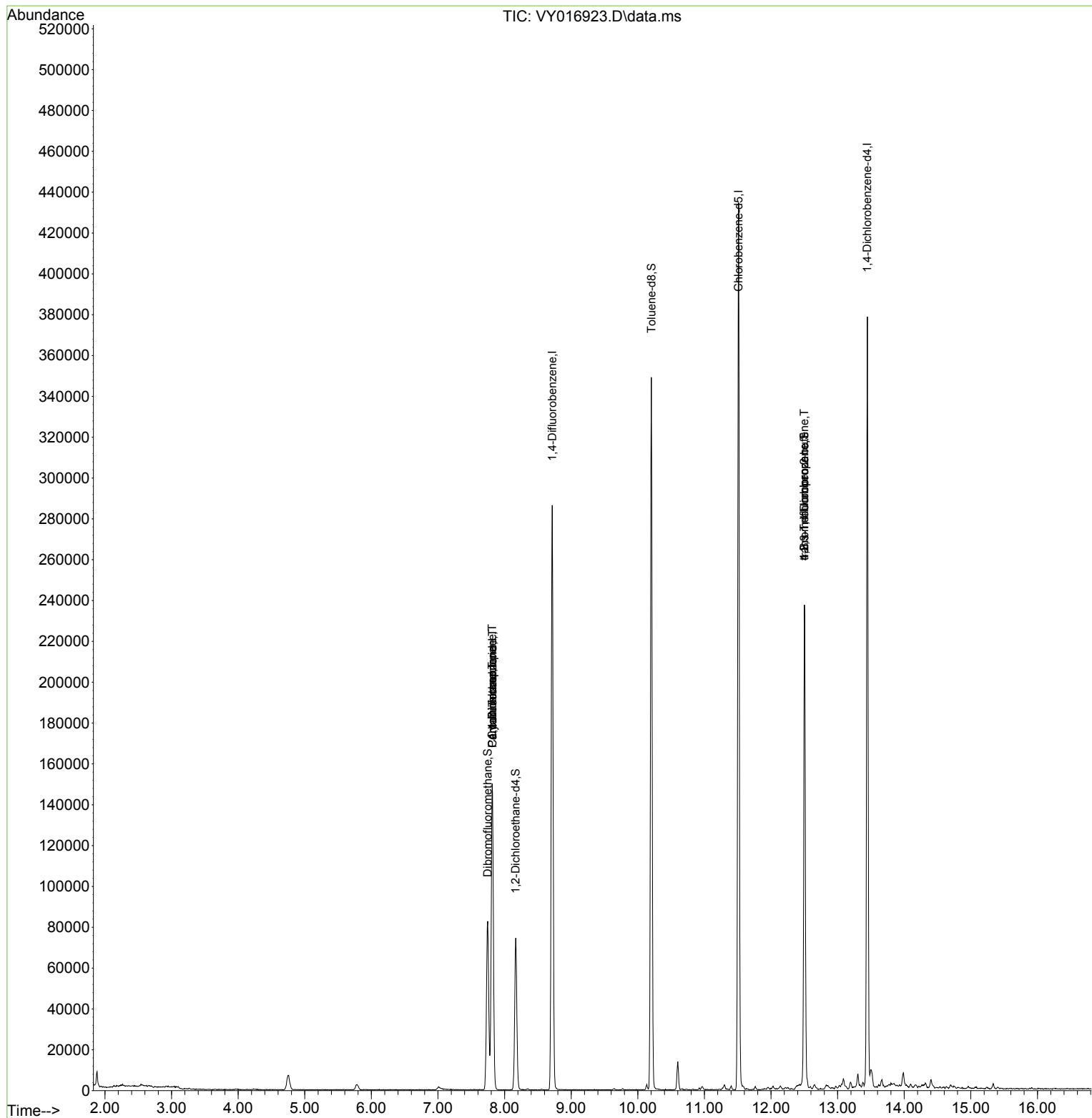
Internal Standards						
1) Pentafluorobenzene	7.819	168	113429	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	245985	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	235409	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	90596	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	56859	50.718	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.440%	
35) Dibromofluoromethane	7.746	113	60694	38.720	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.440%	
50) Toluene-d8	10.203	98	224705	41.629	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.260%	
62) 4-Bromofluorobenzene	12.502	95	72708	39.925	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	44	Below Cal	#	40
11) Tert butyl alcohol	4.978	59	72	Below Cal	#	75
13) Acrolein	3.753	56	20	Below Cal	#	15
16) Acetone	3.973	43	608	Below Cal	#	41
20) Methylene Chloride	4.753	84	5658	Below Cal		93
25) 2-Butanone	7.009	43	42	Below Cal	#	48
31) Cyclohexane	7.813	56	2454	1.275	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	9934	4.349	ug/l #	49
38) Carbon Tetrachloride	7.819	117	11434	4.926	ug/l #	16
76) 1,2,3-Trichloropropane	12.502	75	38564	39.226	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	38564	89.072	ug/l #	12

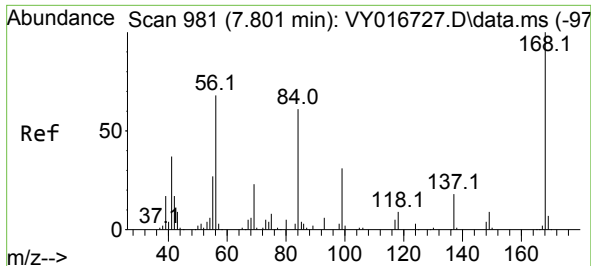
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
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Misc : 3.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

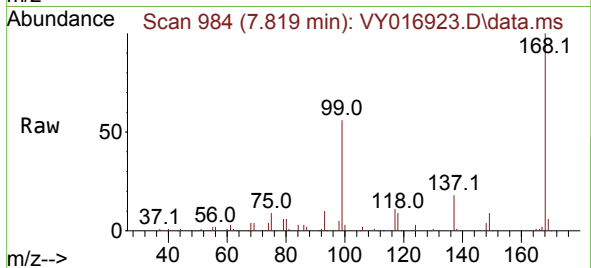
Quant Time: Jan 05 22:36:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



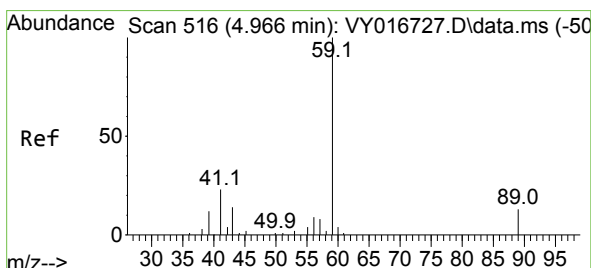
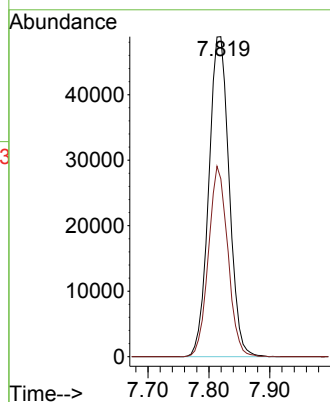
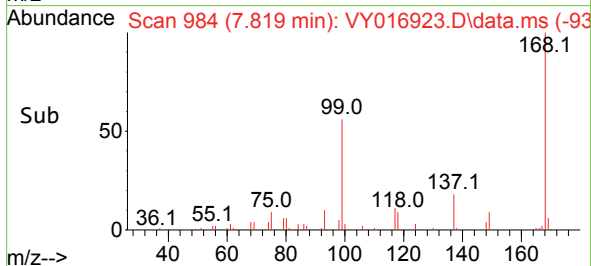


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :

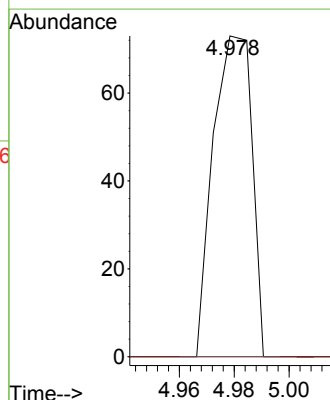
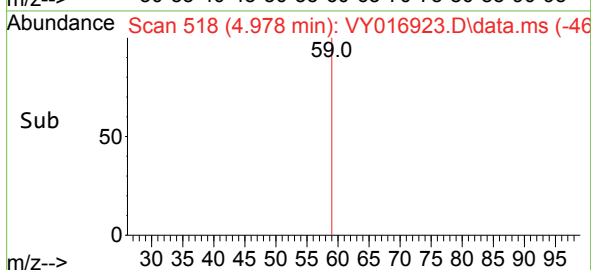
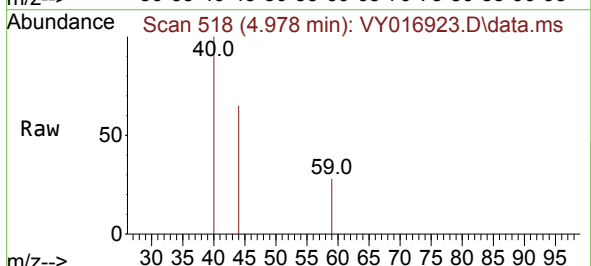


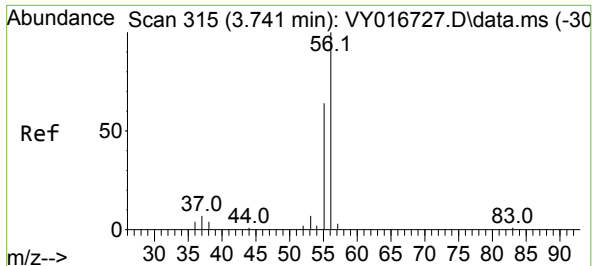
Tgt Ion:168 Resp: 113429
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

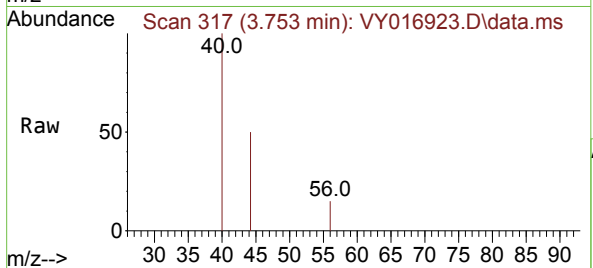
Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



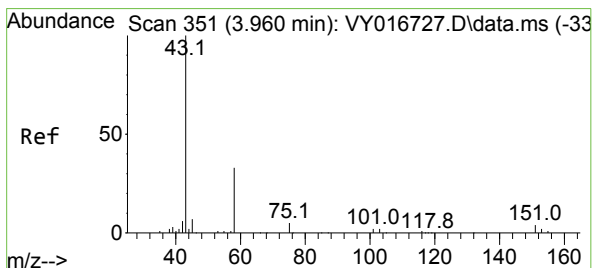
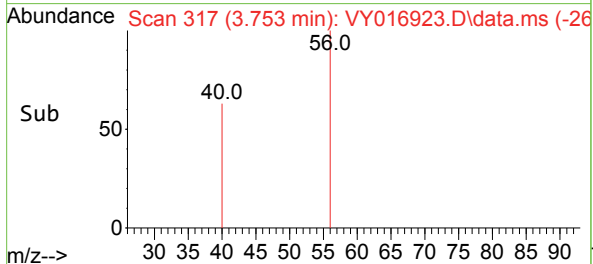
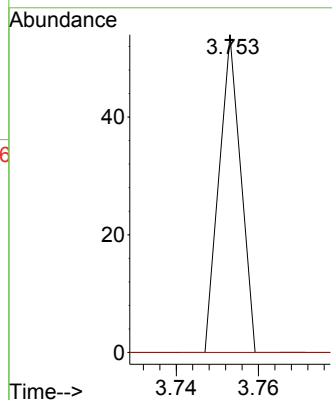


#13
Acrolein
Concen: Below Cal
RT: 3.753 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :

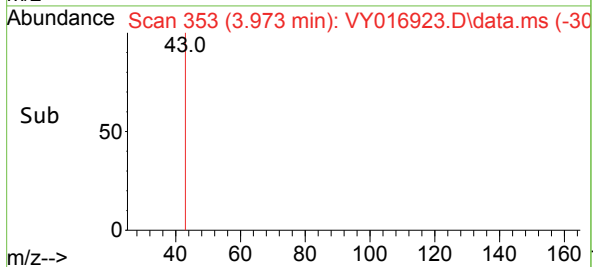
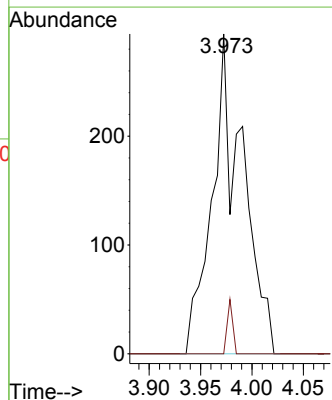
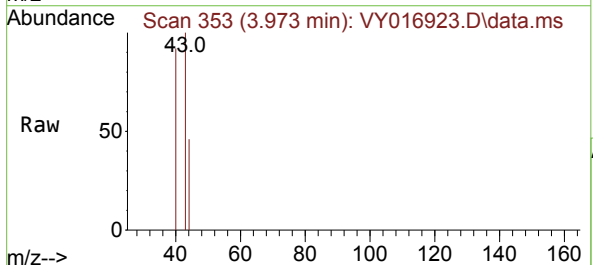


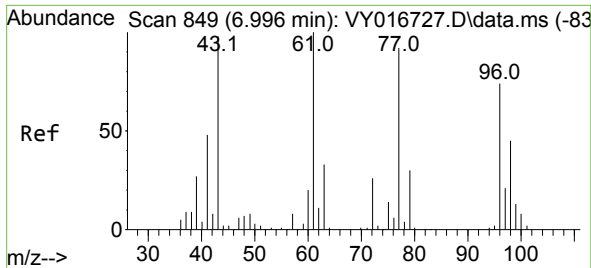
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.0#



#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#

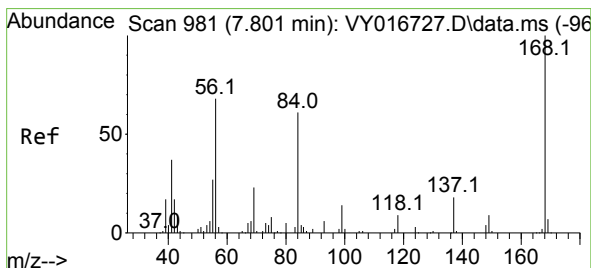
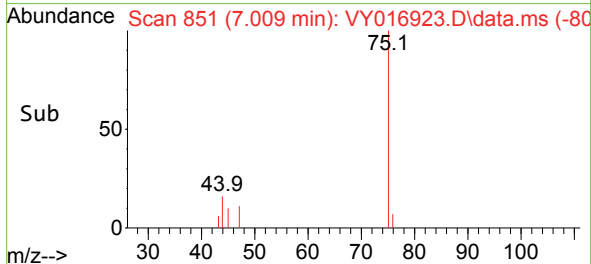
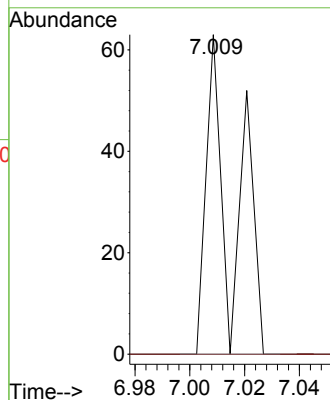
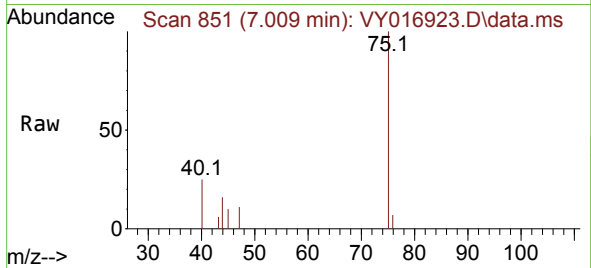




#25
2-Butanone
Concen: Below Cal
RT: 7.009 min Scan# 81
Delta R.T. 0.013 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

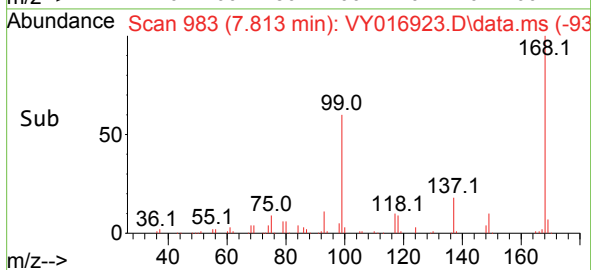
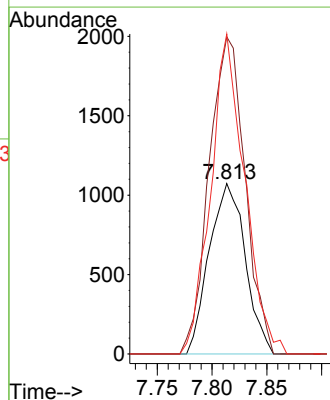
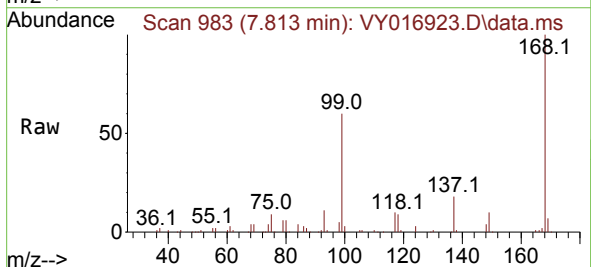
Instrument :
MSVOA_Y
ClientSampleId :

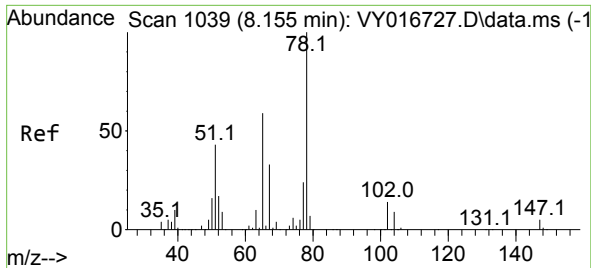
Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.275 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

Tgt Ion: 56 Resp: 2454
Ion Ratio Lower Upper
56 100
69 186.1 27.0 40.6#
84 187.8 71.8 107.6#

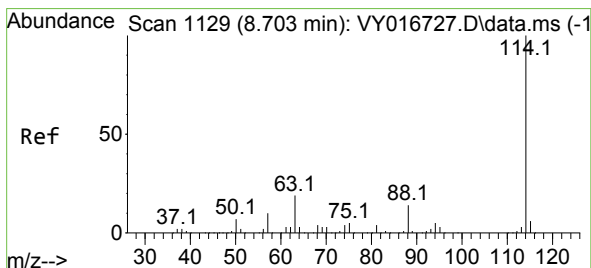
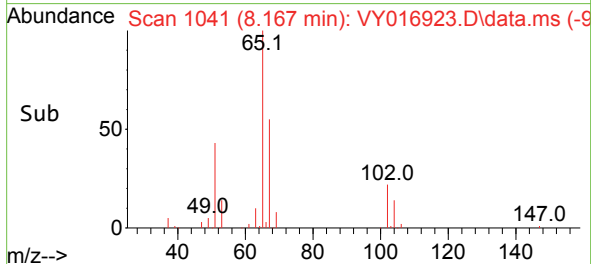
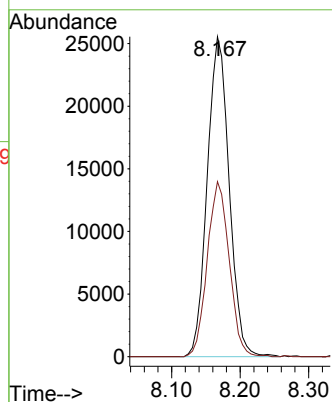
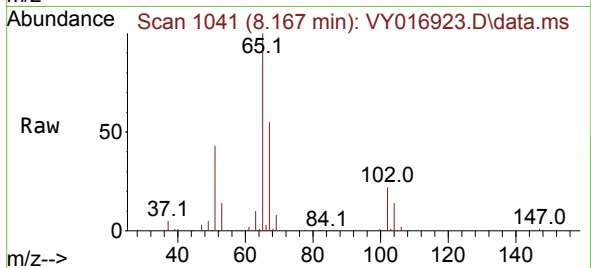




#33
 1,2-Dichloroethane-d4
 Concen: 50.718 ug/l
 RT: 8.167 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: VY016923.D
 Acq: 05 Jan 2024 16:11

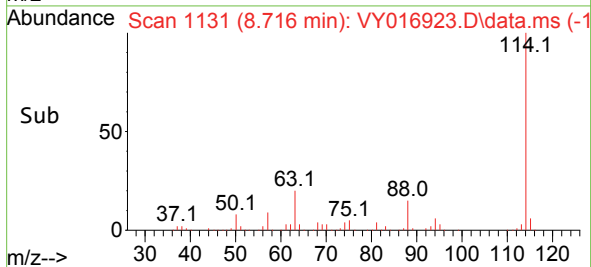
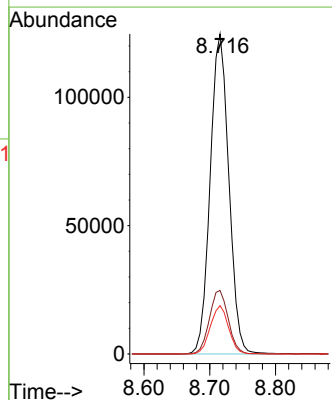
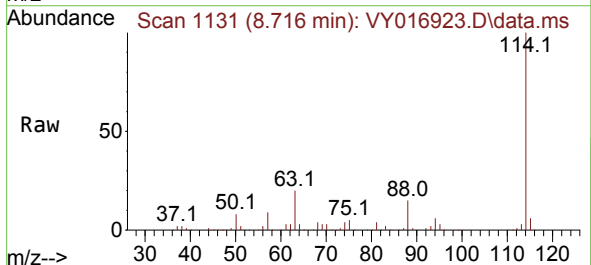
Instrument :
 MSVOA_Y
 ClientSampleId :

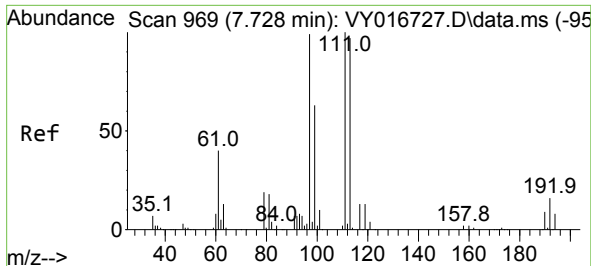
Tgt Ion: 65 Resp: 56859
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.013 min
 Lab File: VY016923.D
 Acq: 05 Jan 2024 16:11

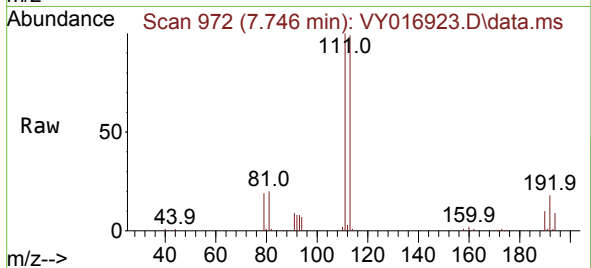
Tgt Ion: 114 Resp: 245985
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.4
 88 15.1 0.0 29.0



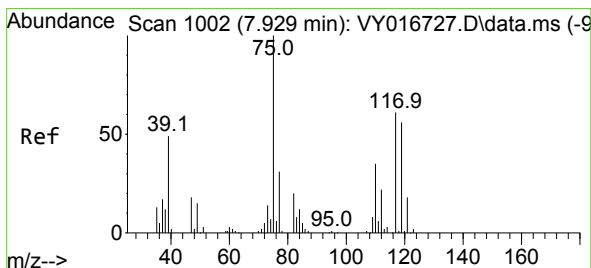
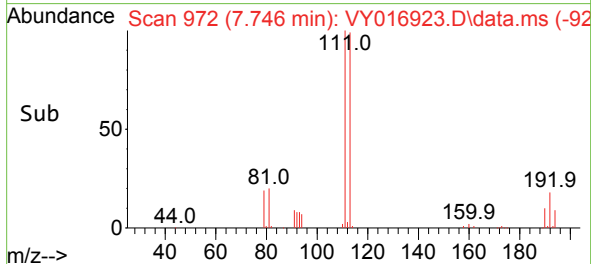
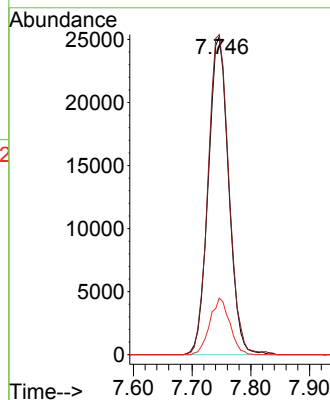


#35
Dibromofluoromethane
Concen: 38.720 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :

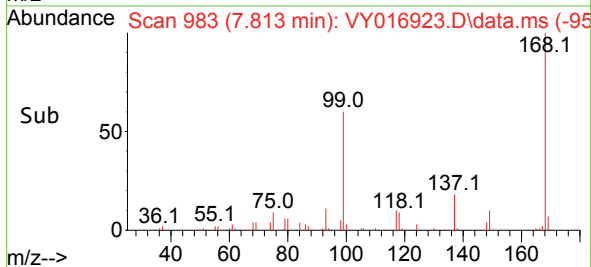
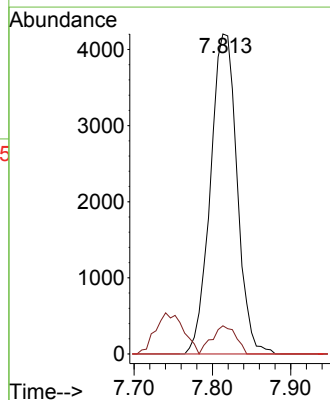
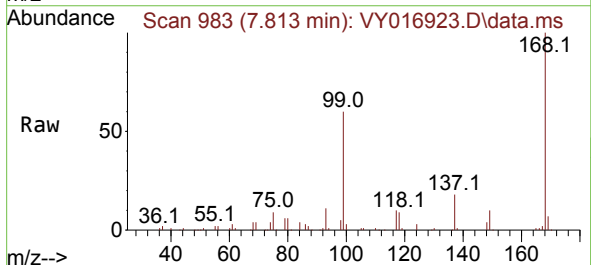


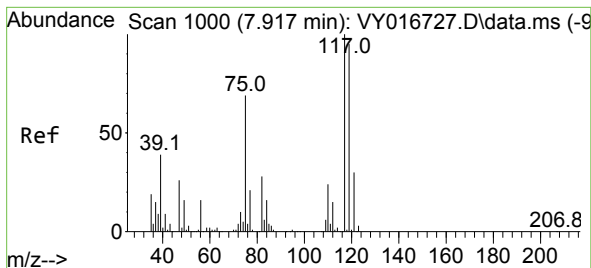
Tgt Ion:113 Resp: 60694
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.349 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

Tgt Ion: 75 Resp: 9934
Ion Ratio Lower Upper
75 100
110 7.9 17.4 52.3#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.926 ug/l

RT: 7.819 min Scan# 91

Delta R.T. -0.098 min

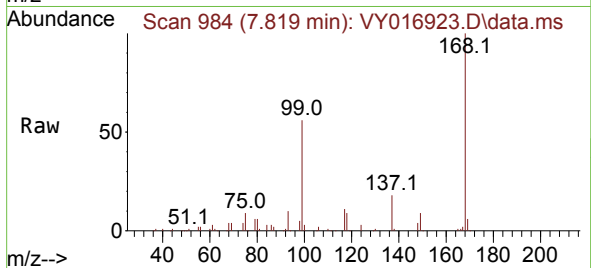
Lab File: VY016923.D

Acq: 05 Jan 2024 16:11

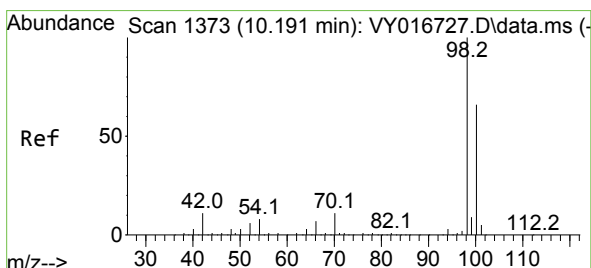
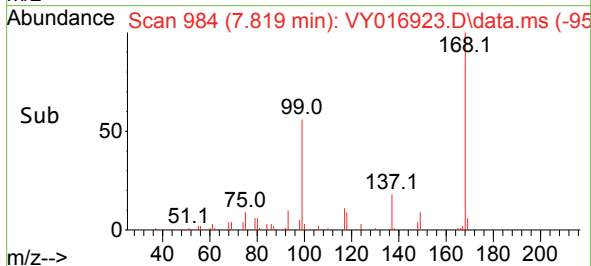
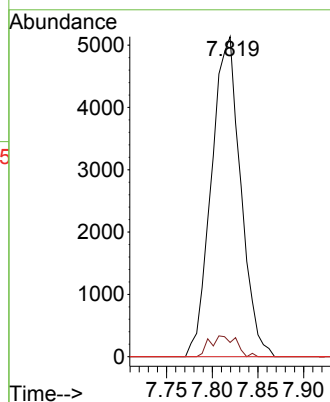
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:117	Resp:	11434
Ion	Ratio	Lower Upper
117	100	
119	4.4	76.0 114.0#
121	0.0	24.2 36.2#



#50

Toluene-d8

Concen: 41.629 ug/l

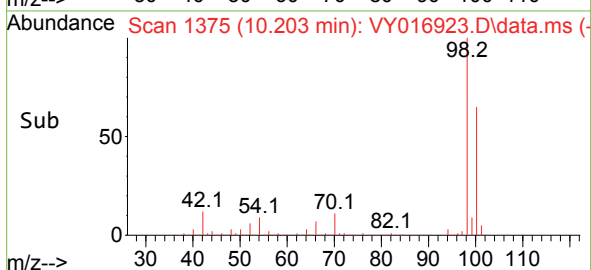
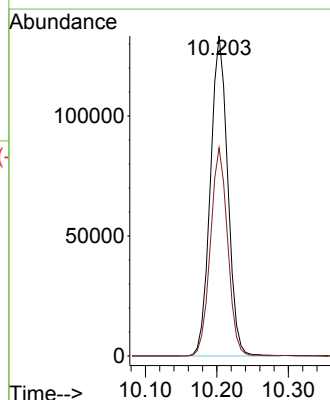
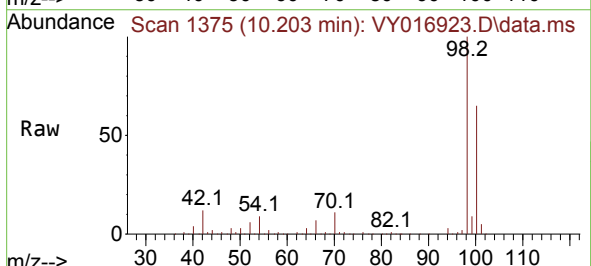
RT: 10.203 min Scan# 1375

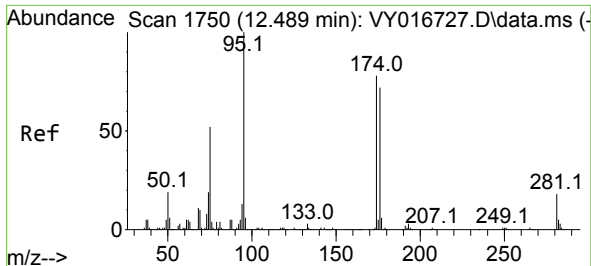
Delta R.T. 0.012 min

Lab File: VY016923.D

Acq: 05 Jan 2024 16:11

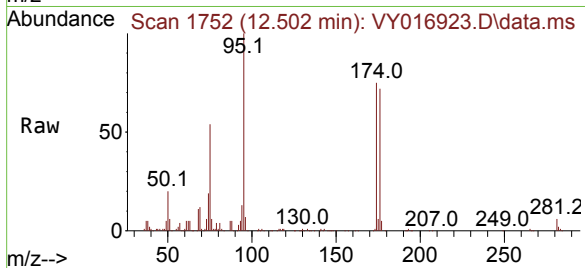
Tgt Ion: 98	Resp:	224705
Ion	Ratio	Lower Upper
98	100	
100	64.5	52.3 78.5



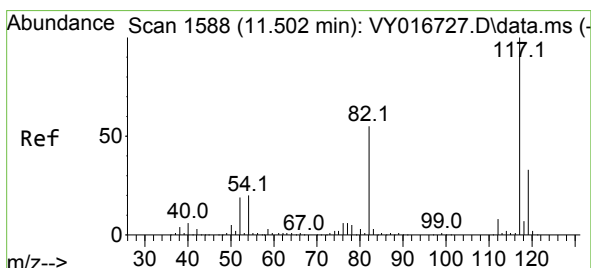
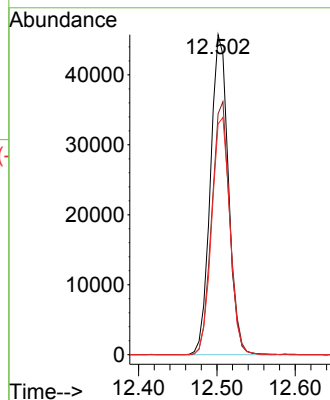
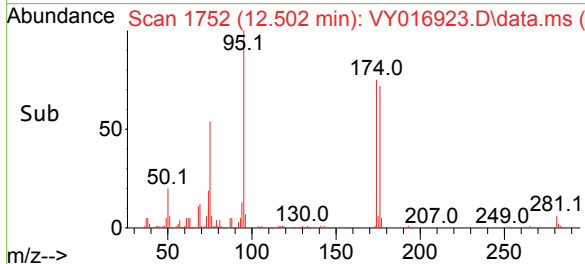


#62
4-Bromofluorobenzene
Concen: 39.925 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

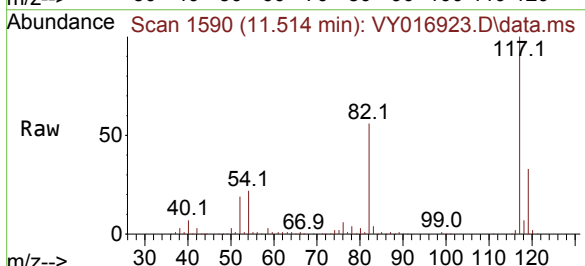
Instrument :
MSVOA_Y
ClientSampleId :



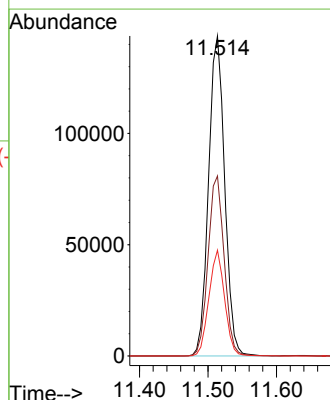
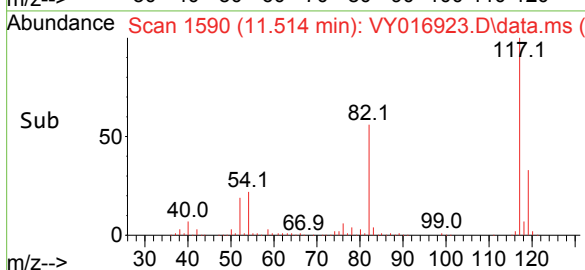
Tgt Ion: 95 Resp: 72708
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 75.4 0.0 151.8

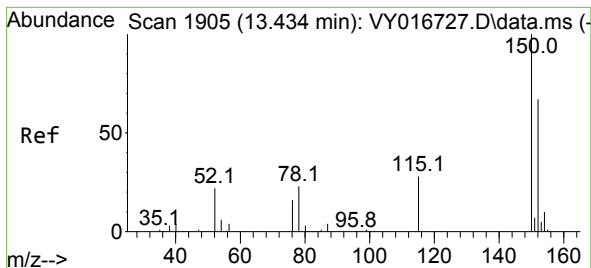


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11



Tgt Ion: 117 Resp: 235409
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 33.0 26.5 39.7

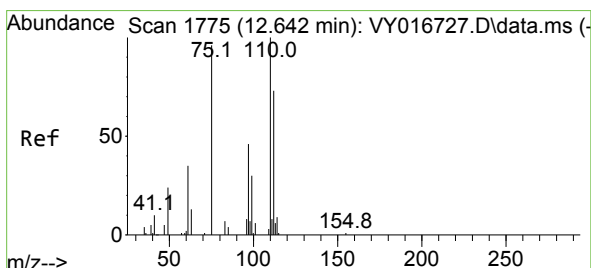
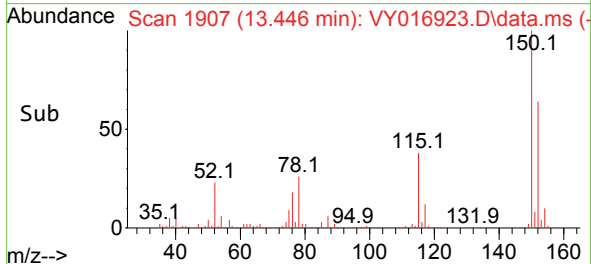
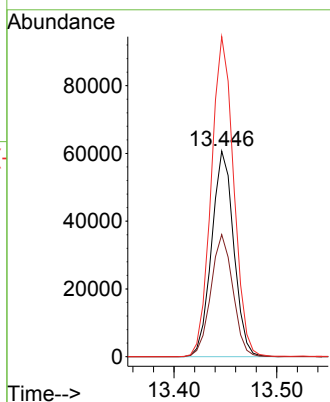
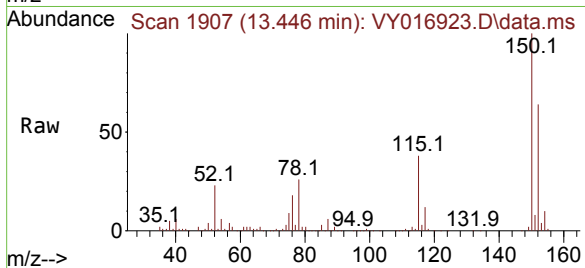




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

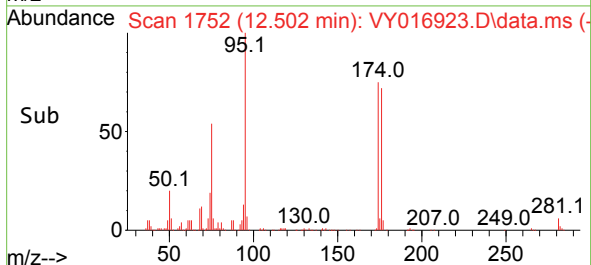
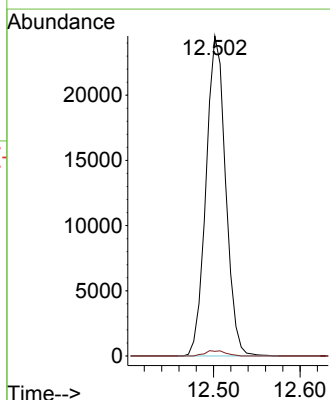
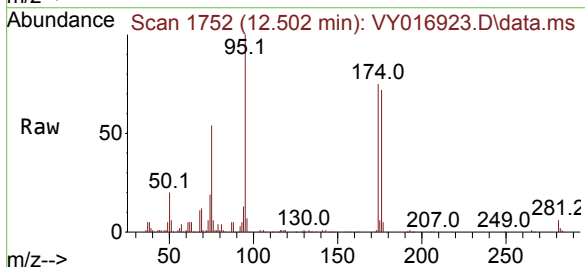
Instrument :
MSVOA_Y
ClientSampleId :

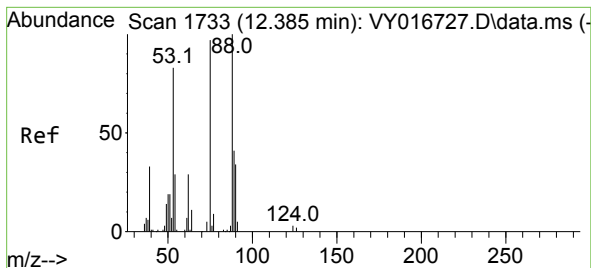
Tgt Ion:	152	Resp:	90596
Ion Ratio	Lower	Upper	
152	100		
115	59.1	30.0	90.0
150	158.1	0.0	344.6



#76
1,2,3-Trichloropropane
Concen: 39.226 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

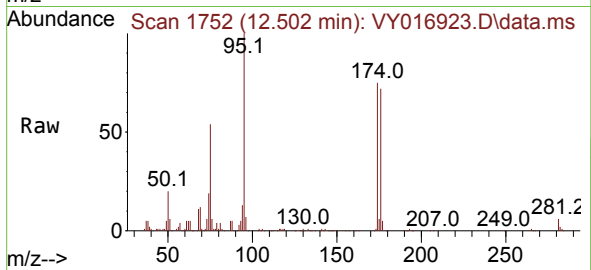
Tgt Ion:	75	Resp:	38564
Ion Ratio	Lower	Upper	
75	100		
77	1.7	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.072 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.117 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 38564
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

