

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016899.D
 Acq On : 02 Jan 2024 17:07
 Operator : SY/MD
 Sample : 05933-04RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 03 00:20:43 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)

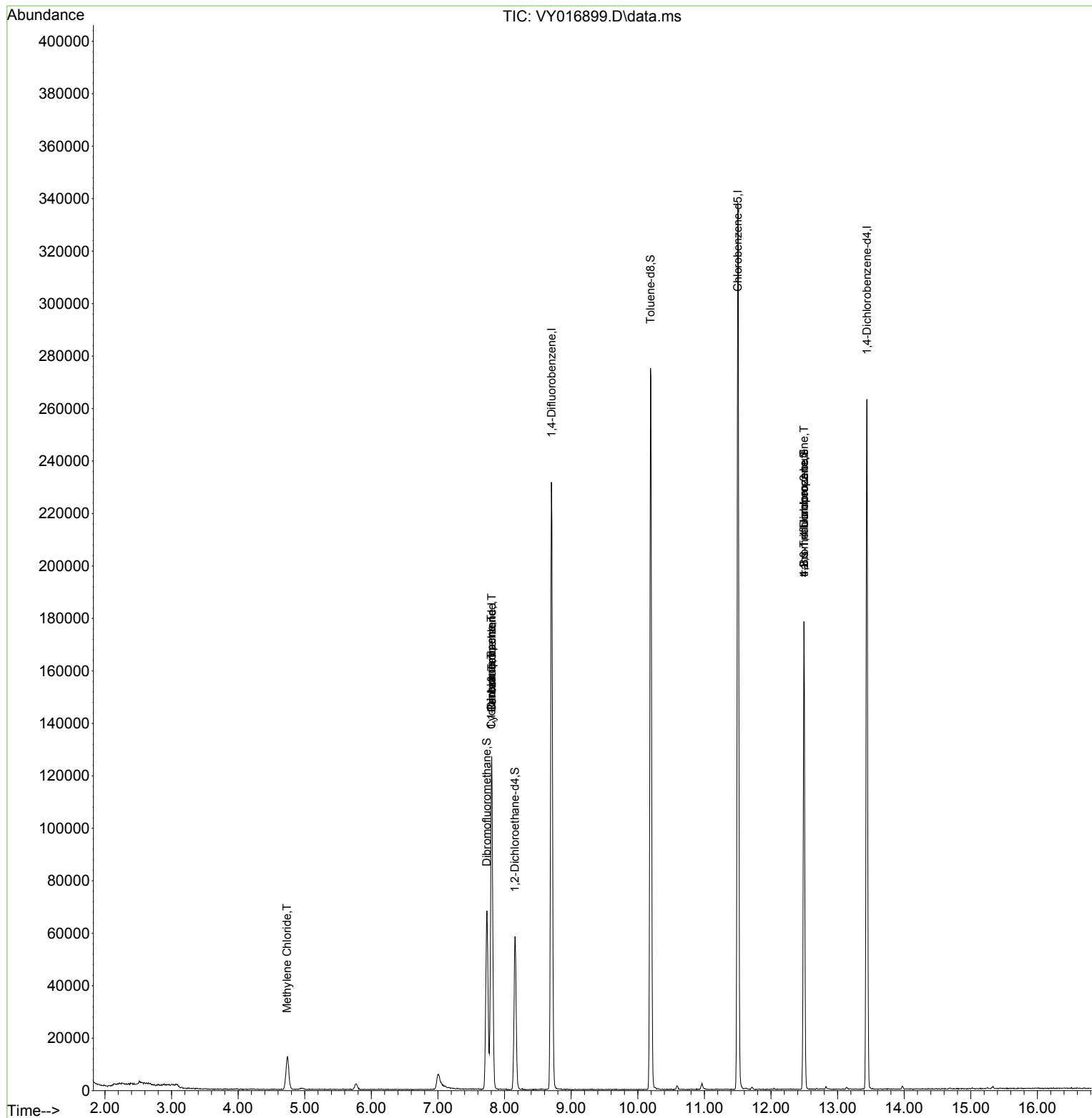
Internal Standards						
1) Pentafluorobenzene	7.807	168	96629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	198314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	183663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	66095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	45473	47.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.220%
35) Dibromofluoromethane	7.734	113	50319	39.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.640%
50) Toluene-d8	10.191	98	183912	42.262	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.520%
62) 4-Bromofluorobenzene	12.496	95	54495	37.117	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54	Below Cal	#	40
11) Tert butyl alcohol	4.954	59	435	Below Cal	#	75
16) Acetone	3.985	43	436	Below Cal	#	41
20) Methylene Chloride	4.735	84	9703	1.004	ug/l	95
25) 2-Butanone	7.009	43	428	Below Cal	#	48
31) Cyclohexane	7.801	56	2145	1.309	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	8741	4.746	ug/l	# 49
38) Carbon Tetrachloride	7.807	117	9306	4.973	ug/l	# 18
76) 1,2,3-Trichloropropane	12.496	75	28712	40.031	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.496	75	28712	90.899	ug/l	# 12

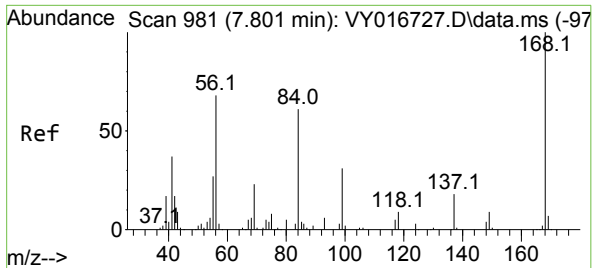
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

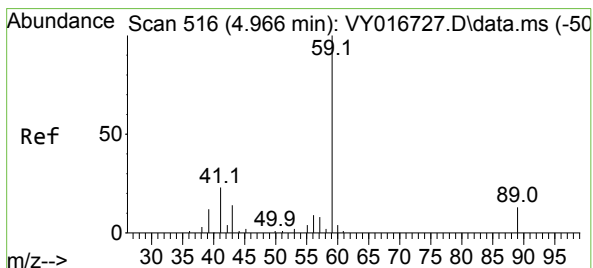
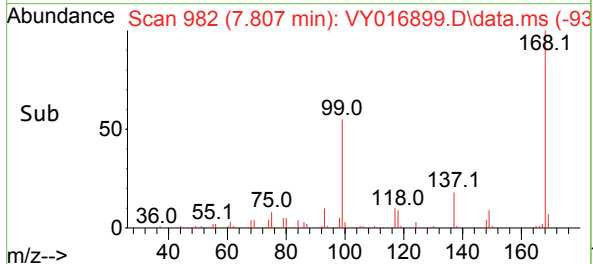
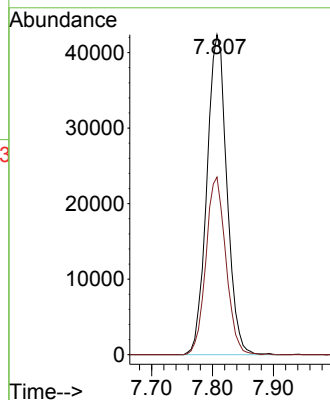
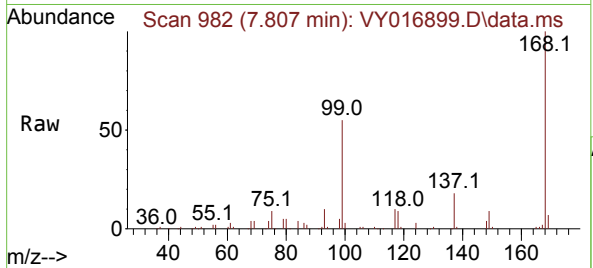




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

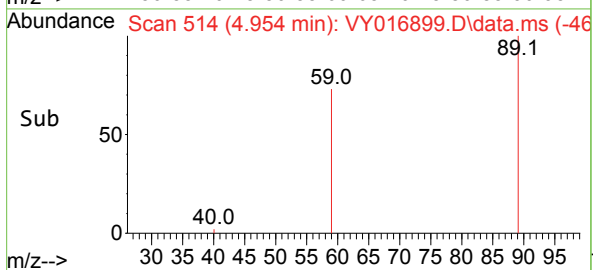
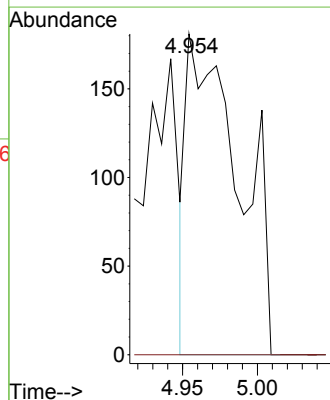
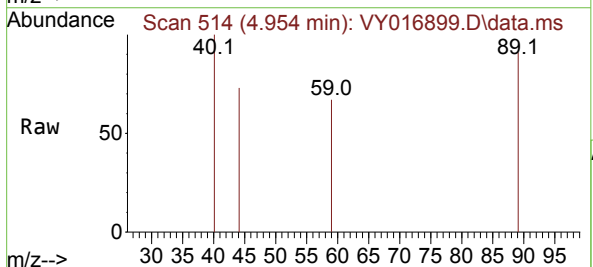
Instrument :
MSVOA_Y
ClientSampleId :

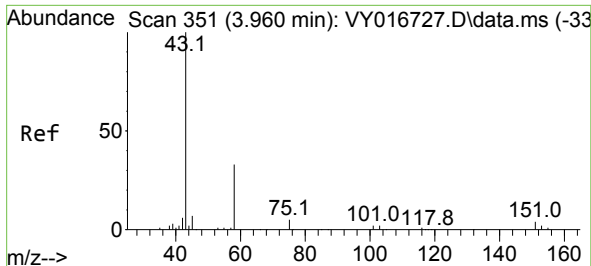
Tgt Ion:168 Resp: 96629
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

Tgt Ion: 59 Resp: 435
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

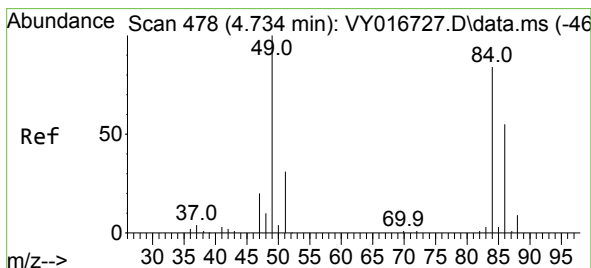
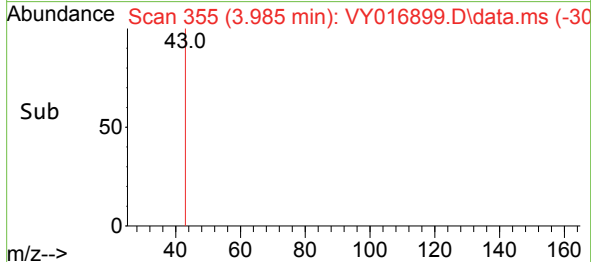
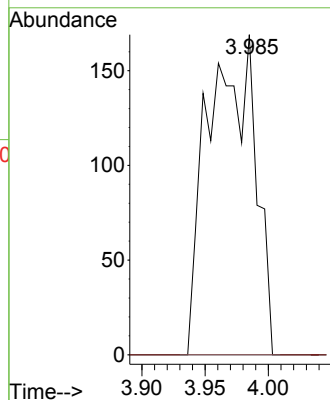
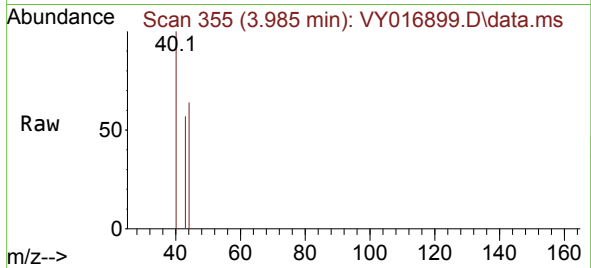




#16
Acetone
Concen: Below Cal
RT: 3.985 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

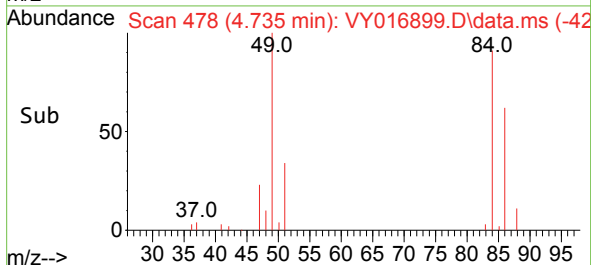
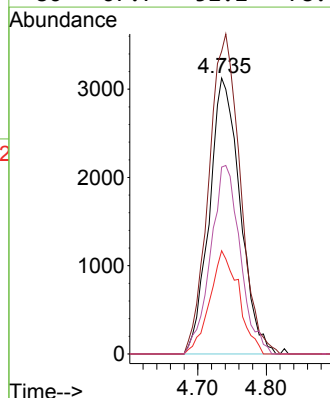
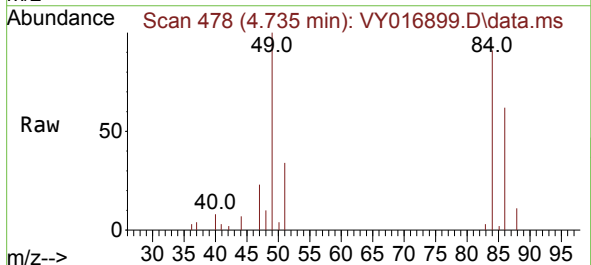
Instrument :
MSVOA_Y
ClientSampleId :

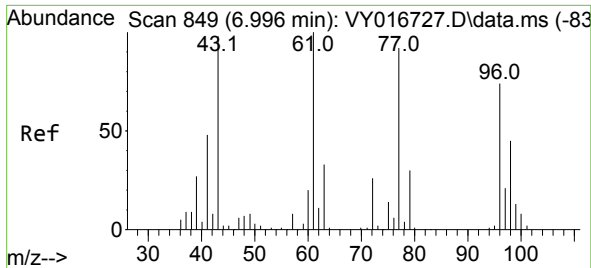
Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#20
Methylene Chloride
Concen: 1.004 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

Tgt Ion: 84 Resp: 9703
Ion Ratio Lower Upper
84 100
49 109.7 95.2 142.8
51 37.4 29.9 44.9
86 67.7 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.009 min Scan# 849

Delta R.T. 0.013 min

Lab File: VY016899.D

Acq: 02 Jan 2024 17:07

Instrument :

MSVOA_Y

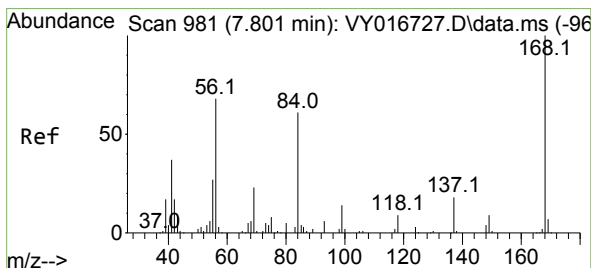
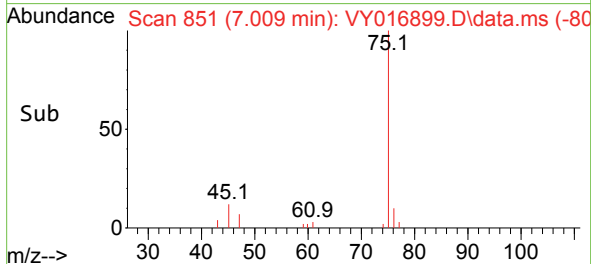
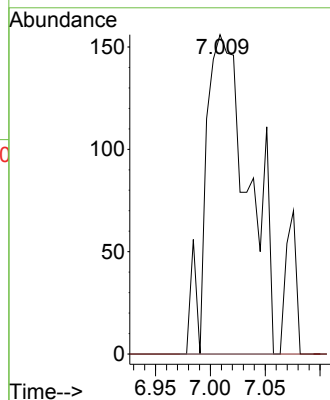
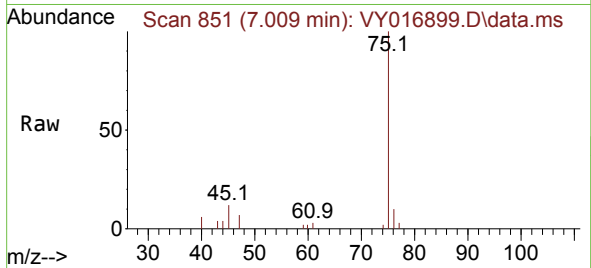
ClientSampleId :

Tgt Ion: 43 Resp: 428

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.309 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY016899.D

Acq: 02 Jan 2024 17:07

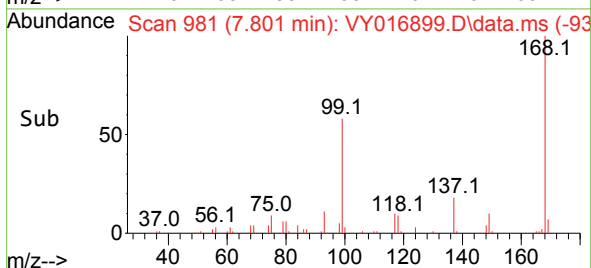
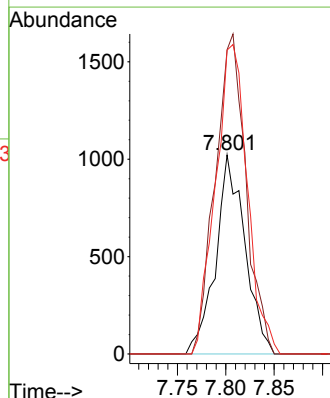
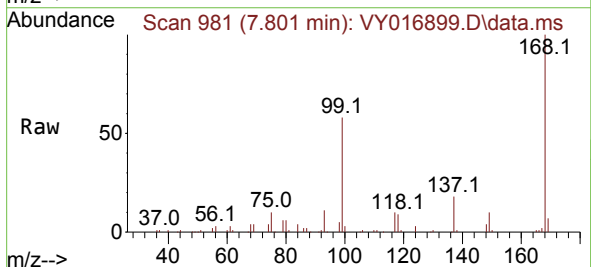
Tgt Ion: 56 Resp: 2145

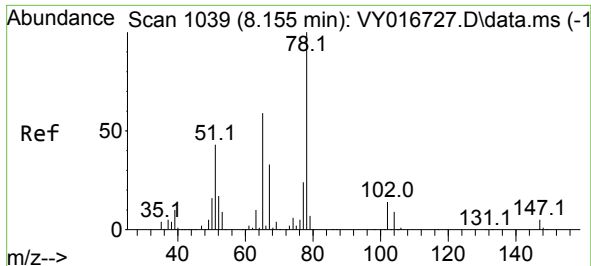
Ion Ratio Lower Upper

56 100

69 152.8 27.0 40.6#

84 152.6 71.8 107.6#

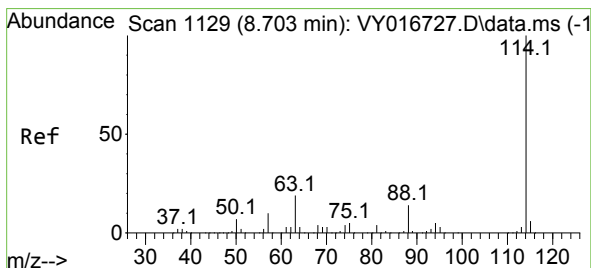
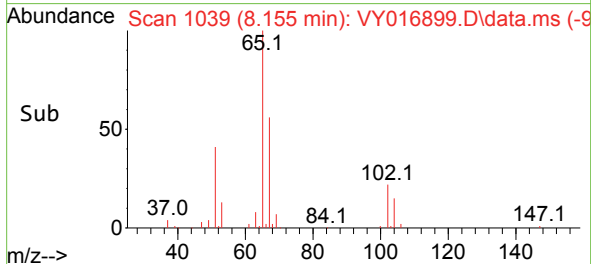
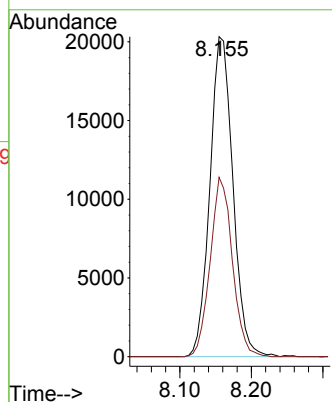
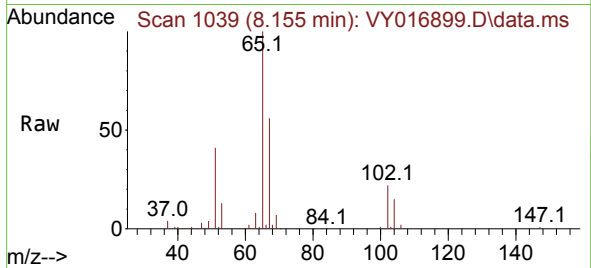




#33
 1,2-Dichloroethane-d4
 Concen: 47.614 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016899.D
 Acq: 02 Jan 2024 17:07

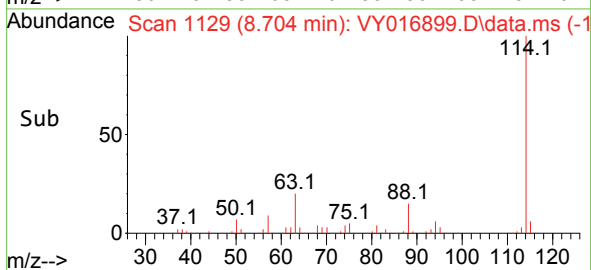
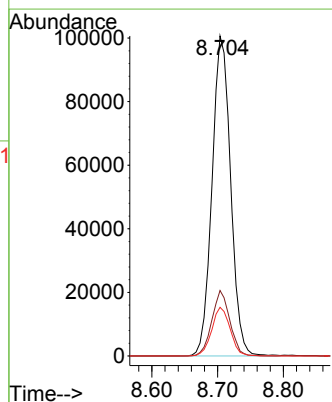
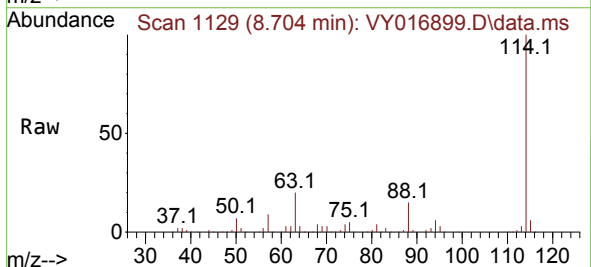
Instrument :
 MSVOA_Y
 ClientSampleId :

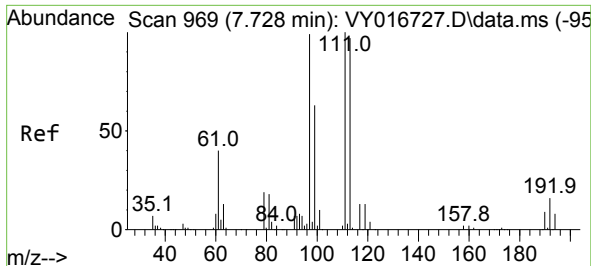
Tgt Ion: 65 Resp: 45473
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. 0.001 min
 Lab File: VY016899.D
 Acq: 02 Jan 2024 17:07

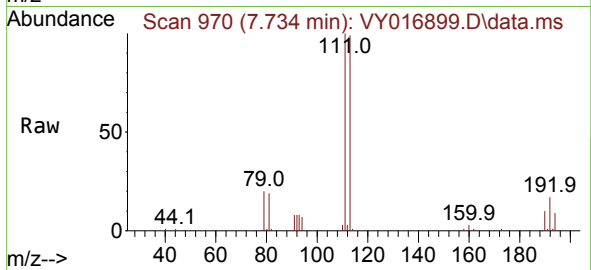
Tgt Ion:114 Resp: 198314
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 37.4
 88 15.2 0.0 29.0



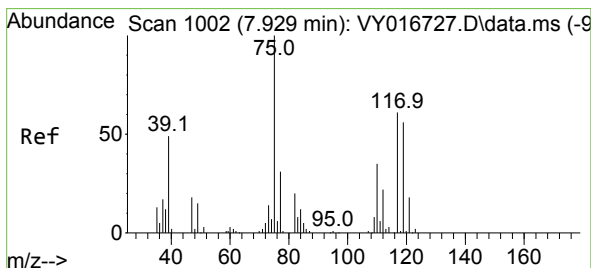
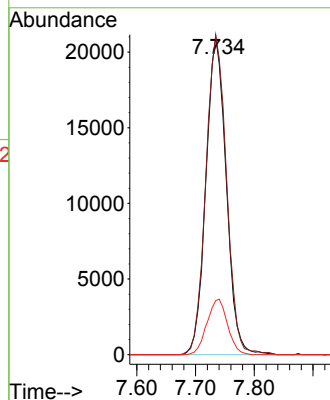
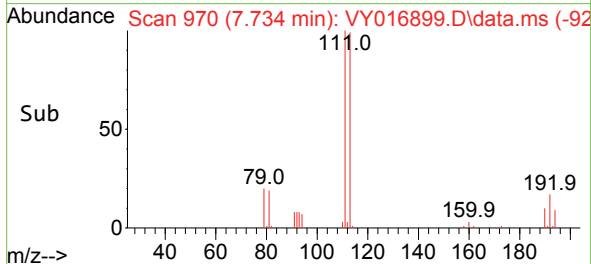


#35
Dibromofluoromethane
Concen: 39.818 ug/l
RT: 7.734 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :

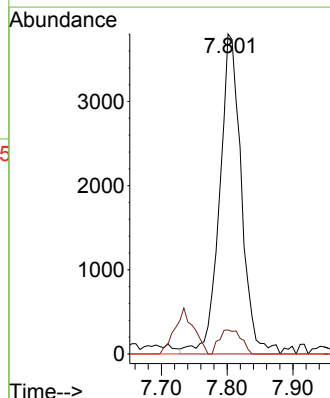
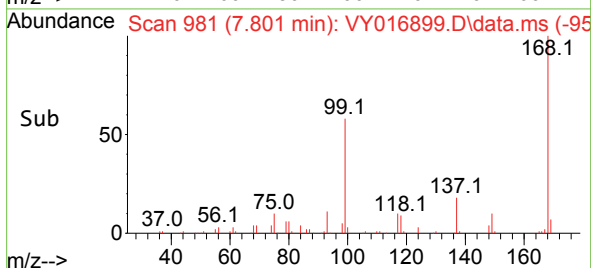
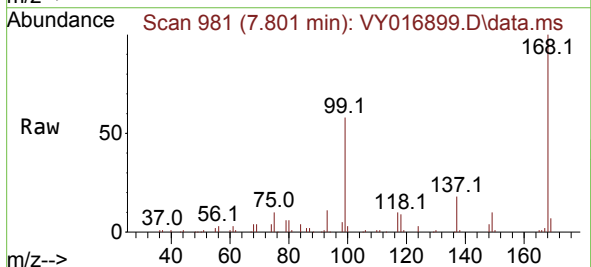


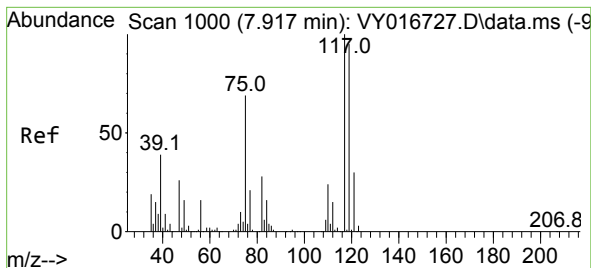
Tgt Ion:113 Resp: 50319
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

Tgt Ion: 75 Resp: 8741
Ion Ratio Lower Upper
75 100
110 7.7 17.4 52.3#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.973 ug/l

RT: 7.807 min Scan# 91

Delta R.T. -0.110 min

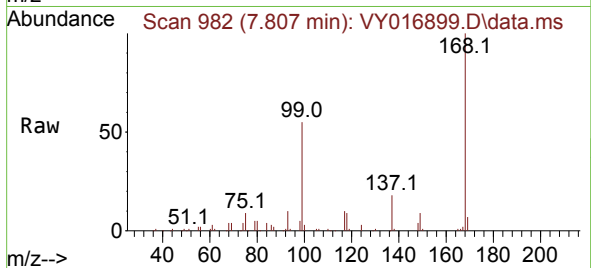
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Acq: 02 Jan 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :



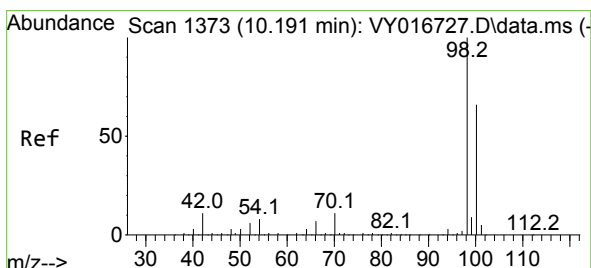
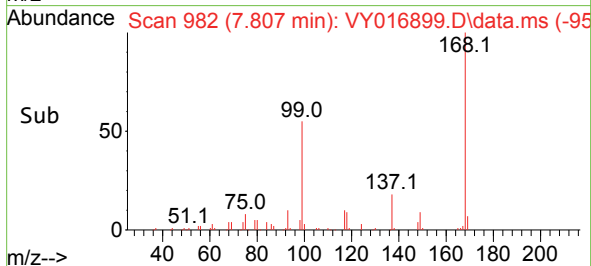
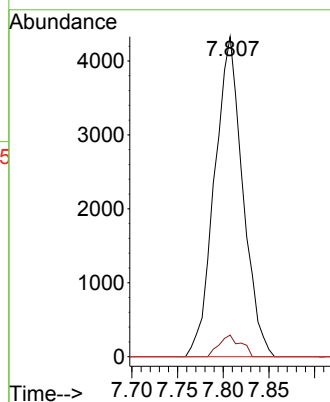
Tgt Ion:117 Resp: 9306

Ion Ratio Lower Upper

117 100

119 6.8 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 42.262 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016899.D

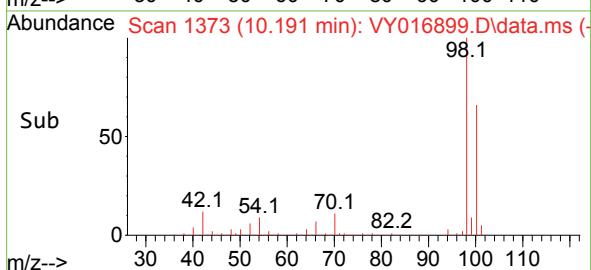
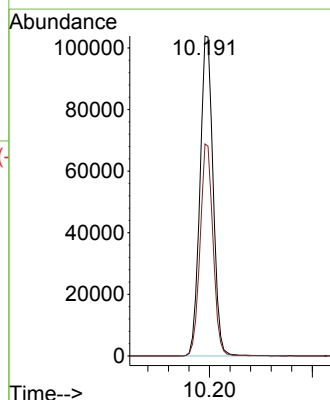
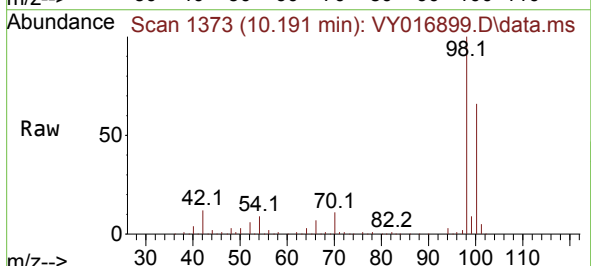
Acq: 02 Jan 2024 17:07

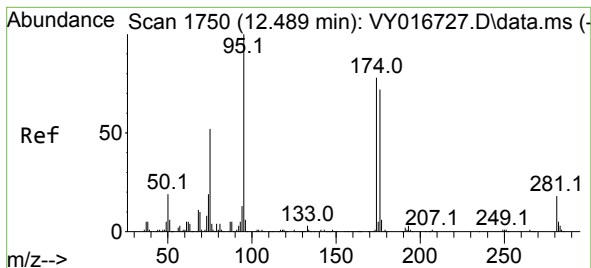
Tgt Ion: 98 Resp: 183912

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

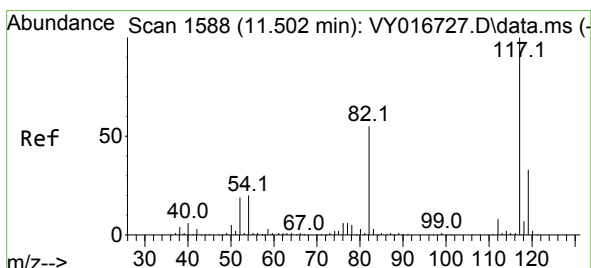
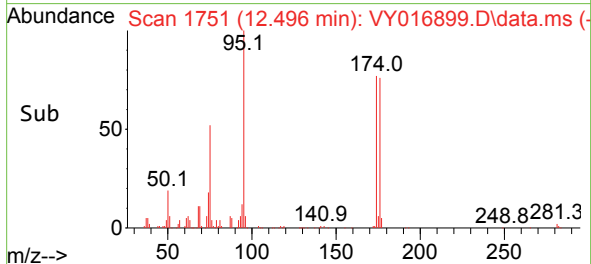
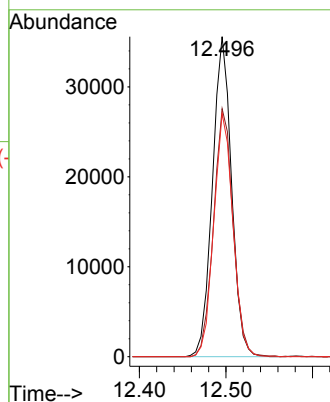
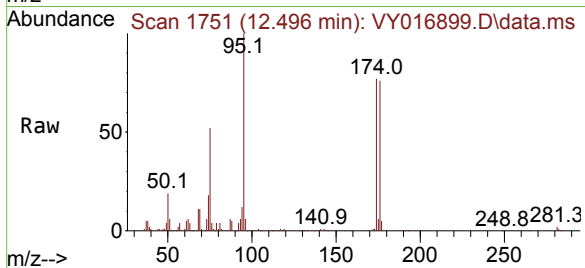




#62
4-Bromofluorobenzene
Concen: 37.117 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

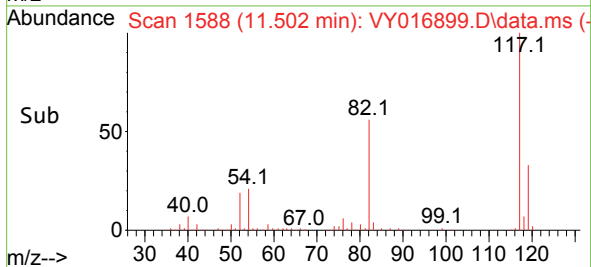
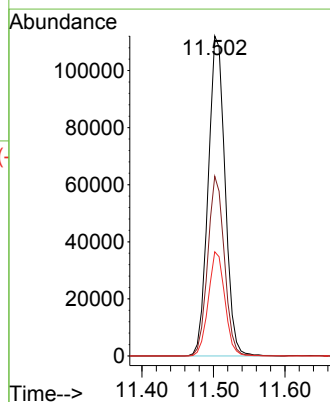
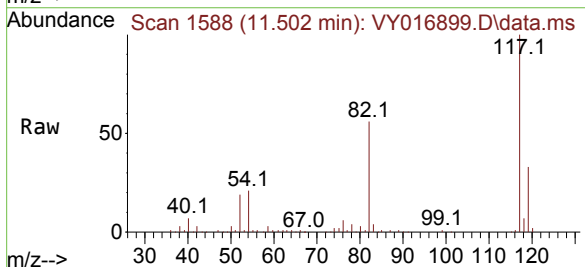
Instrument :
MSVOA_Y
ClientSampleId :

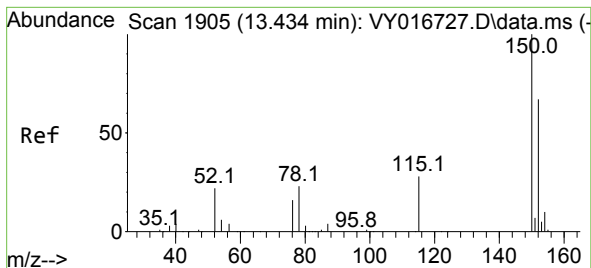
Tgt Ion: 95 Resp: 54495
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 76.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

Tgt Ion: 117 Resp: 183663
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 32.6 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.441 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VY016899.D

Acq: 02 Jan 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

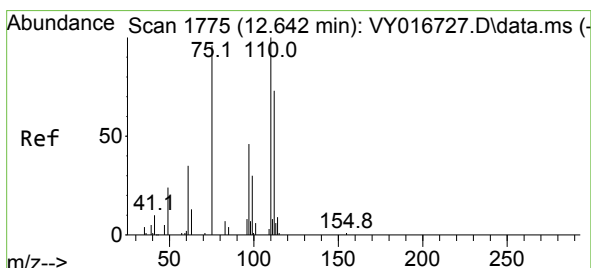
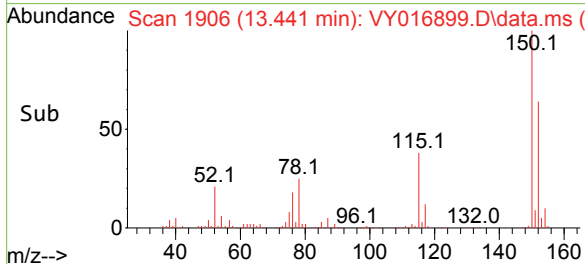
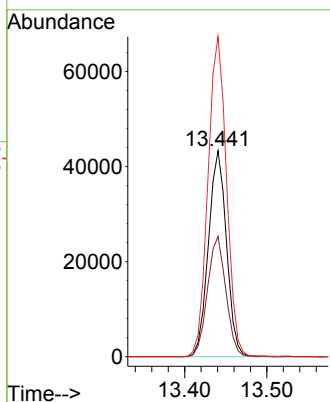
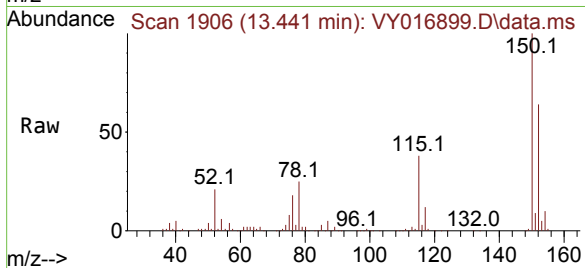
Tgt Ion:152 Resp: 66095

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 159.6 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 40.031 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY016899.D

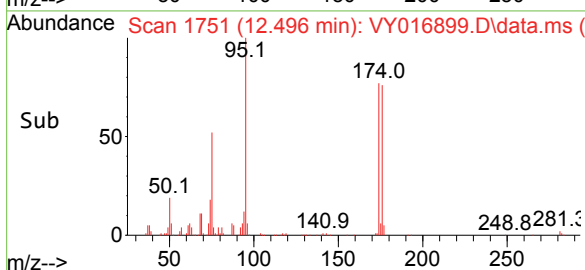
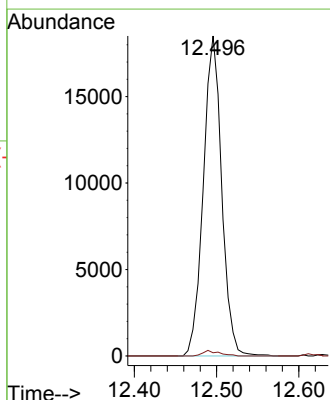
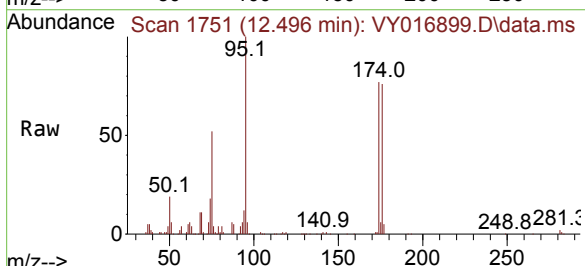
Acq: 02 Jan 2024 17:07

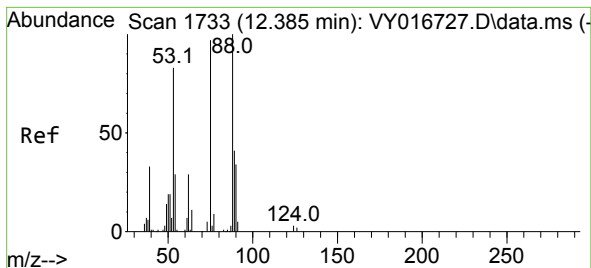
Tgt Ion: 75 Resp: 28712

Ion Ratio Lower Upper

75 100

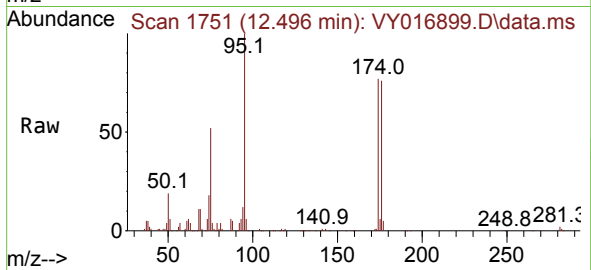
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.899 ug/l
 RT: 12.496 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VY016899.D
 Acq: 02 Jan 2024 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 28712
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

