

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016479.D
 Acq On : 24 Nov 2023 13:08
 Operator : SY/MD
 Sample : 05468-07RE
 Misc : 6.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:44:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

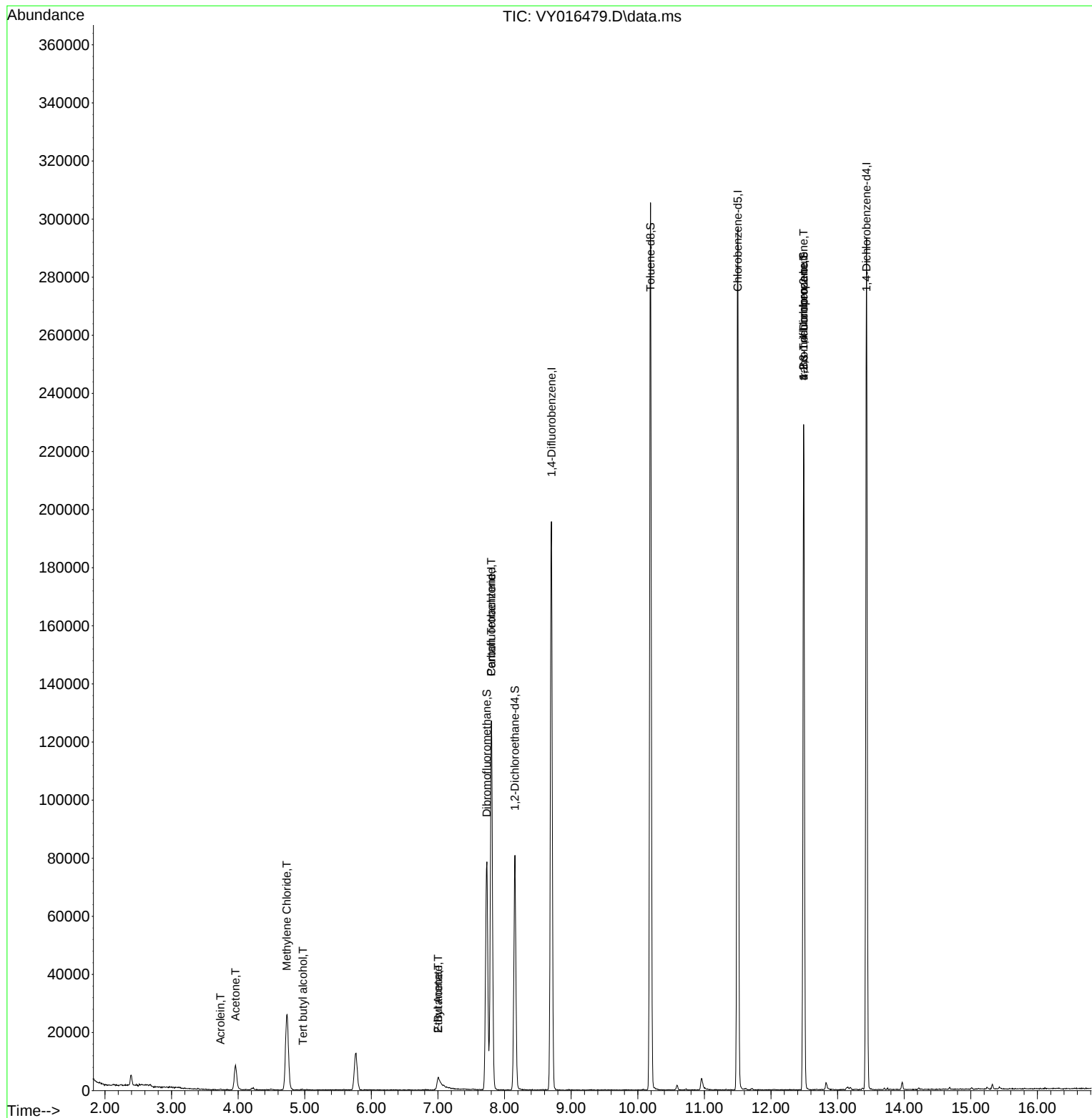
Internal Standards						
1) Pentafluorobenzene	7.801	168	103631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	179111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	172477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61271	64.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.380%	
35) Dibromofluoromethane	7.734	113	57637	56.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.300%	
50) Toluene-d8	10.191	98	208975	50.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.300%	
62) 4-Bromofluorobenzene	12.489	95	71752	53.543	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	311	4.193	ug/l #	89
13) Acrolein	3.735	56	117	1.308	ug/l #	55
16) Acetone	3.960	43	14654	93.534	ug/l #	84
20) Methylene Chloride	4.729	84	22396	18.008	ug/l #	77
25) 2-Butanone	7.003	43	2619	9.544	ug/l #	81
37) Ethyl Acetate	7.003	43	2619	3.669	ug/l #	76
38) Carbon Tetrachloride	7.801	117	9897	5.398	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	35553	47.602	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	35553	103.324	ug/l #	10

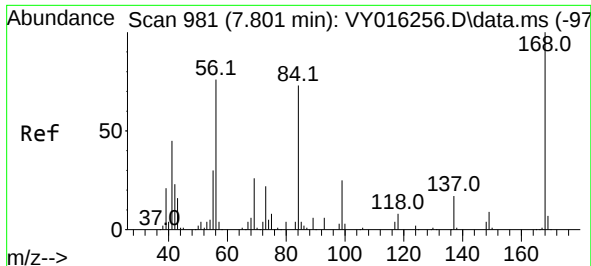
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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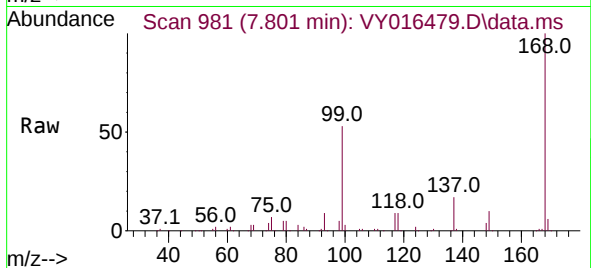
Quant Time: Nov 27 04:44:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



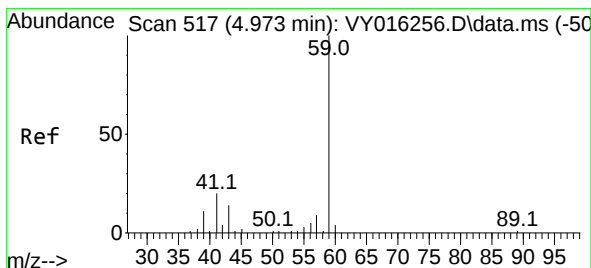
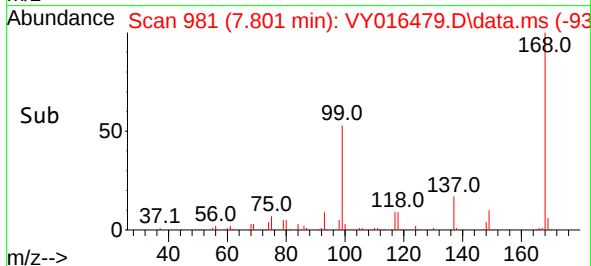
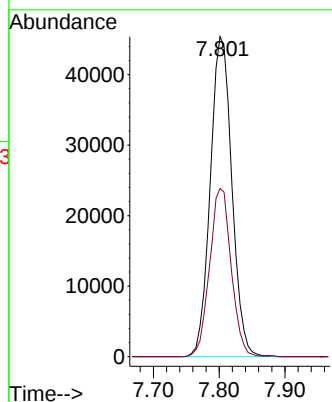


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016479.D
Acq: 24 Nov 2023 13:08

Instrument :
MSVOA_Y
ClientSampleId :

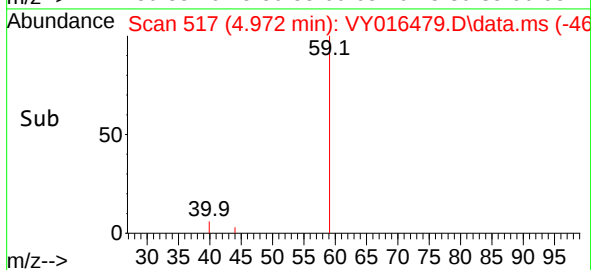
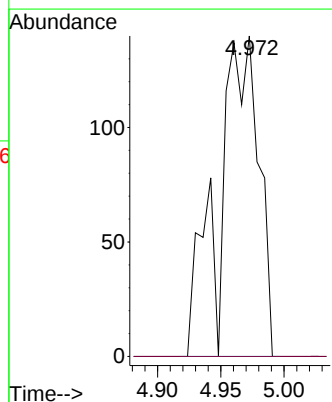
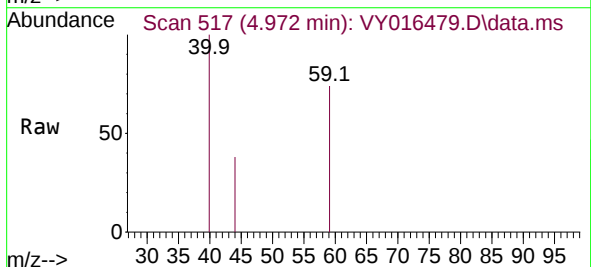


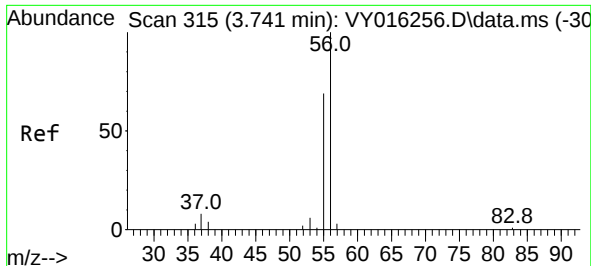
Tgt Ion:168 Resp: 103631
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.193 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016479.D
Acq: 24 Nov 2023 13:08

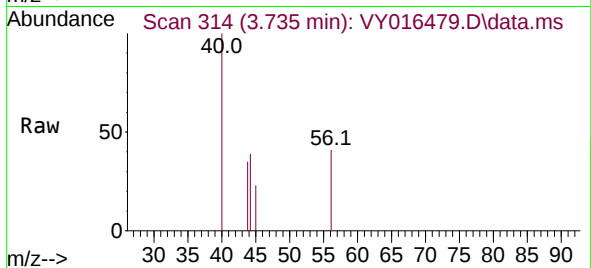
Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



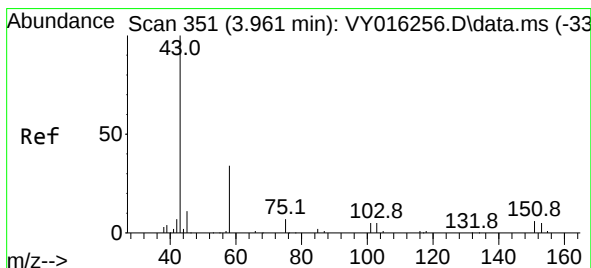
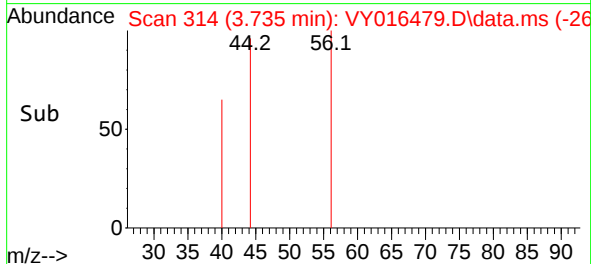
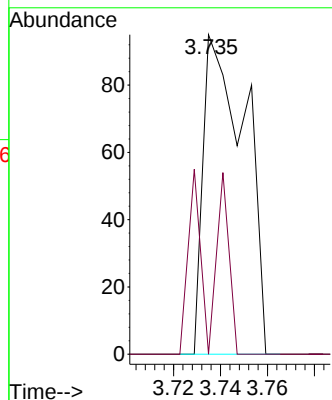


#13
Acrolein
Concen: 1.308 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY016479.D
Acq: 24 Nov 2023 13:08

Instrument :
MSVOA_Y
ClientSampleId :

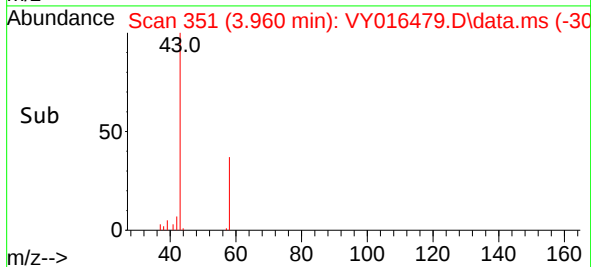
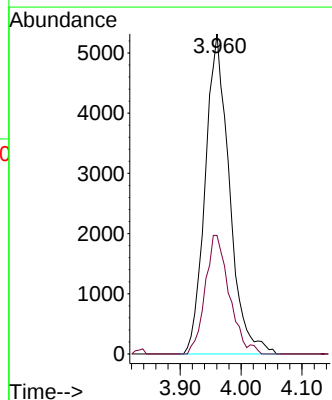
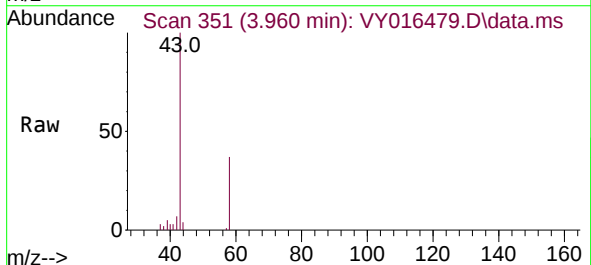


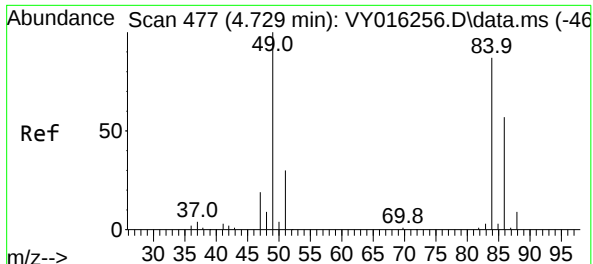
Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 34.2 57.0 85.4#



#16
Acetone
Concen: 93.534 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016479.D
Acq: 24 Nov 2023 13:08

Tgt Ion: 43 Resp: 14654
Ion Ratio Lower Upper
43 100
58 37.1 22.7 34.1#





#20

Methylene Chloride

Concen: 18.008 ug/l

RT: 4.729 min Scan# 41

Delta R.T. -0.000 min

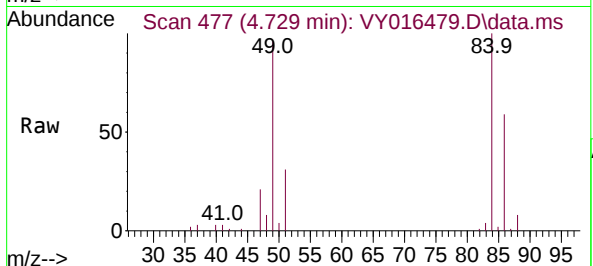
Lab File: VY016479.D

Acq: 24 Nov 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 22396

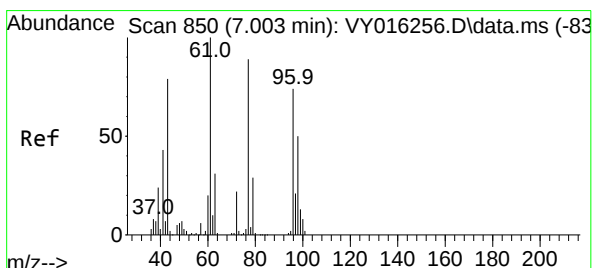
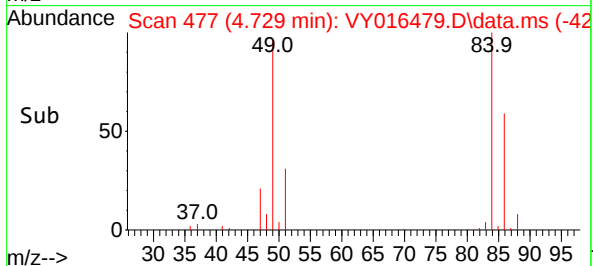
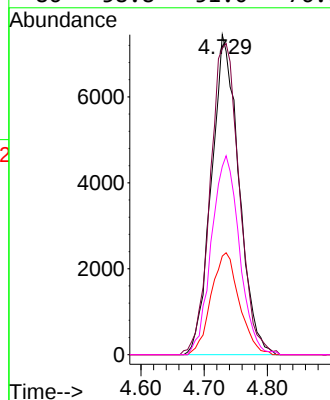
Ion Ratio Lower Upper

84 100

49 95.8 106.9 160.3#

51 30.8 33.2 49.8#

86 58.8 51.0 76.6



#25

2-Butanone

Concen: 9.544 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016479.D

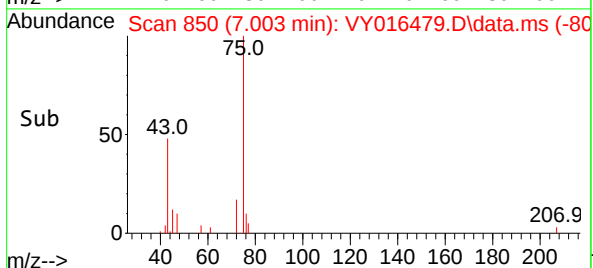
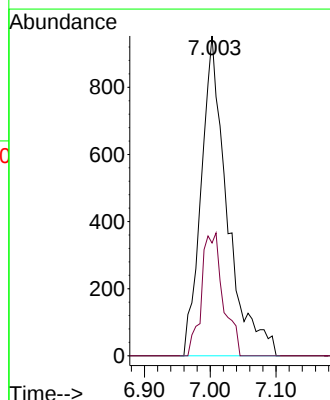
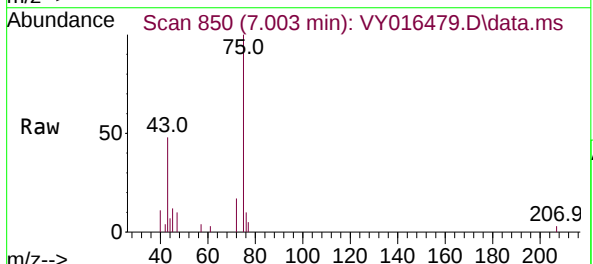
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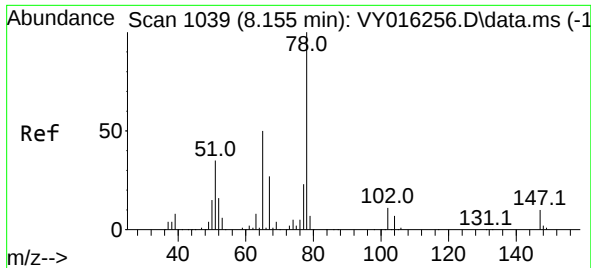
Tgt Ion: 43 Resp: 2619

Ion Ratio Lower Upper

43 100

72 35.3 20.5 30.7#

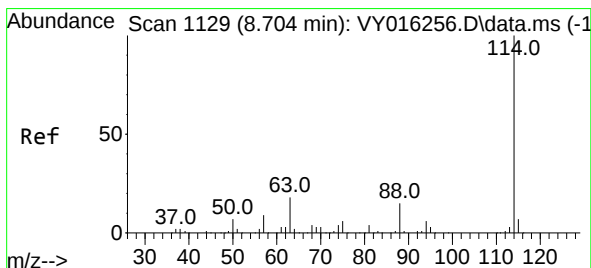
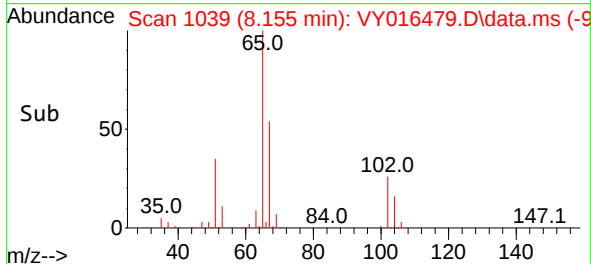
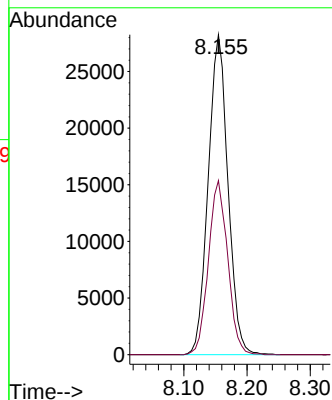
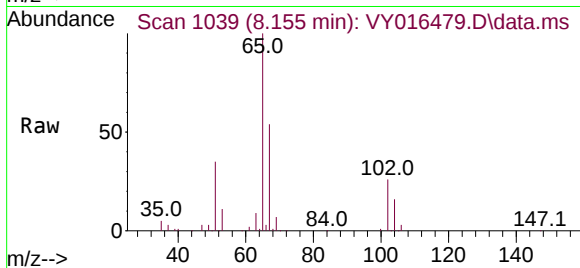




#33
 1,2-Dichloroethane-d4
 Concen: 64.690 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016479.D
 Acq: 24 Nov 2023 13:08

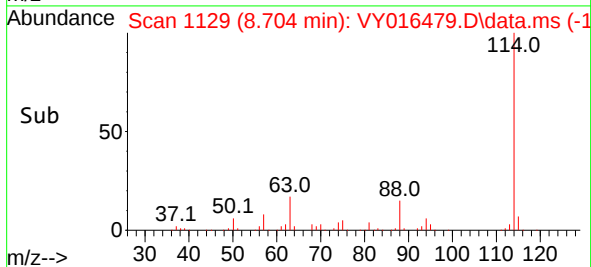
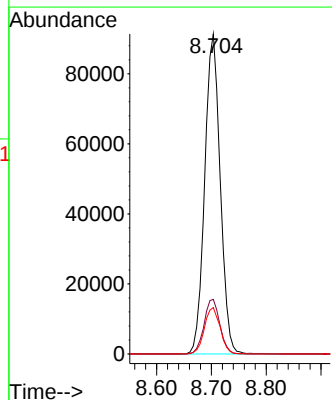
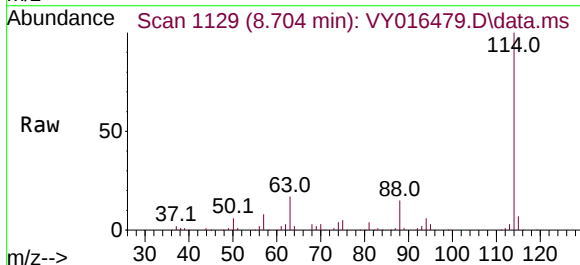
Instrument :
 MSVOA_Y
 ClientSampleId :

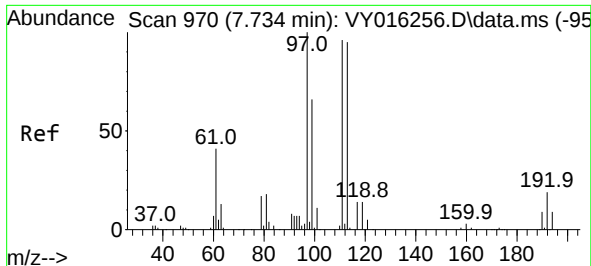
Tgt Ion: 65 Resp: 61271
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016479.D
 Acq: 24 Nov 2023 13:08

Tgt Ion: 114 Resp: 179111
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 42.4
 88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.648 ug/l

RT: 7.734 min Scan# 91

Delta R.T. -0.000 min

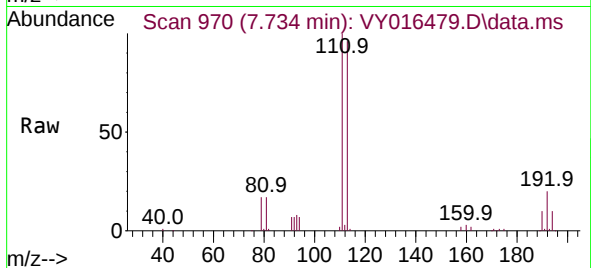
Lab File: VY016479.D

Acq: 24 Nov 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :



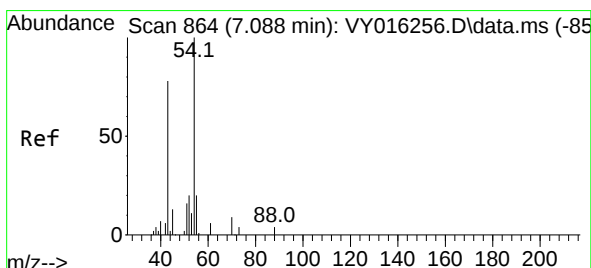
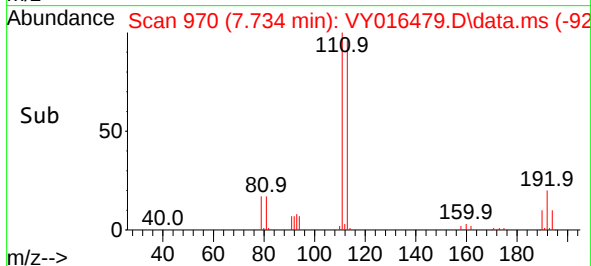
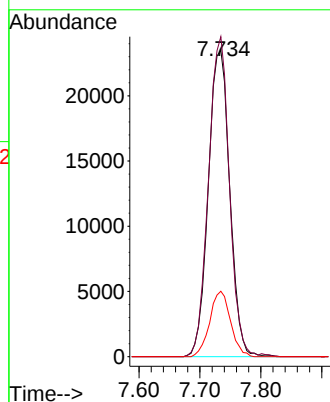
Tgt Ion:113 Resp: 57637

Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 20.7 16.9 25.3



#37

Ethyl Acetate

Concen: 3.669 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.085 min

Lab File: VY016479.D

Acq: 24 Nov 2023 13:08

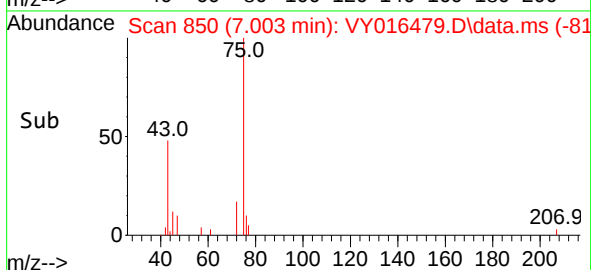
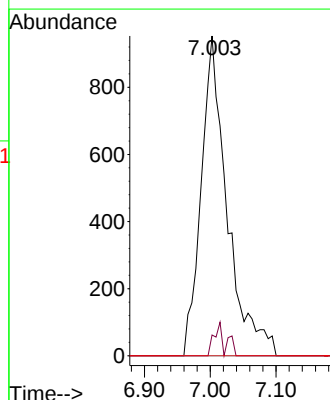
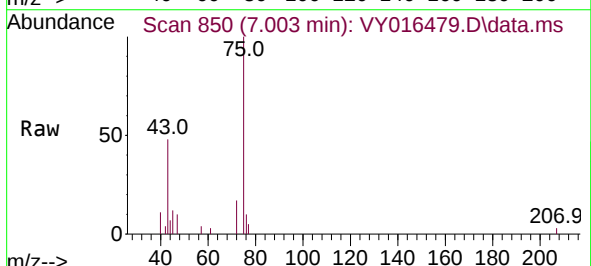
Tgt Ion: 43 Resp: 2619

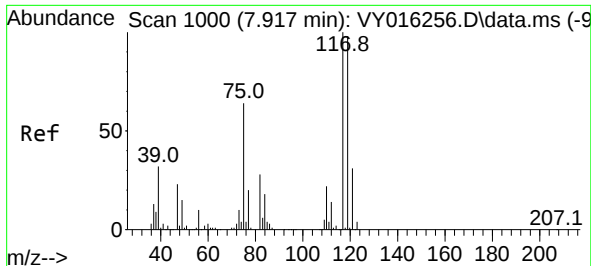
Ion Ratio Lower Upper

43 100

61 3.1 10.1 15.1#

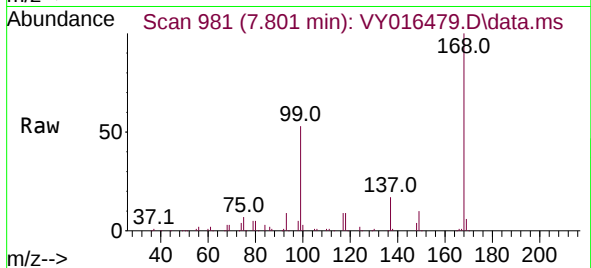
70 0.0 7.1 10.7#



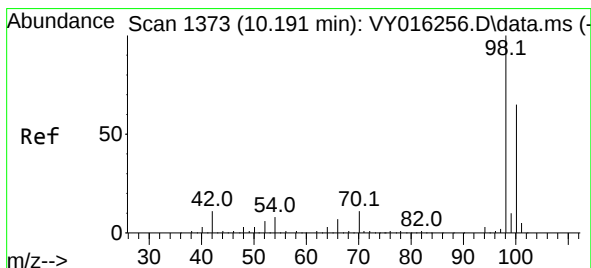
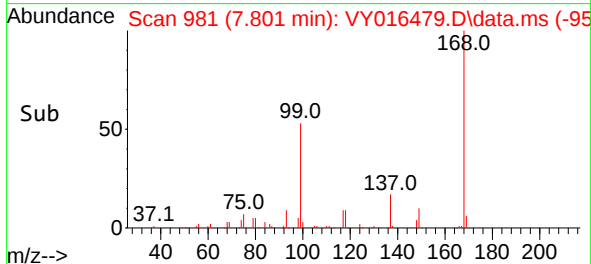
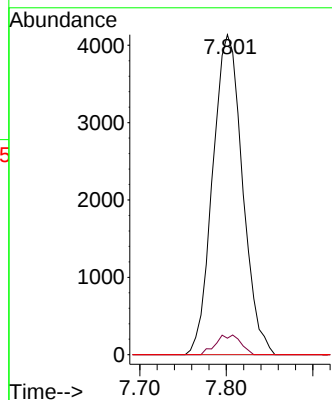


#38
Carbon Tetrachloride
Concen: 5.398 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016479.D
Acq: 24 Nov 2023 13:08

Instrument :
MSVOA_Y
ClientSampleId :

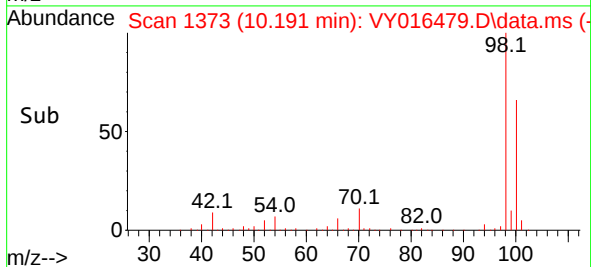
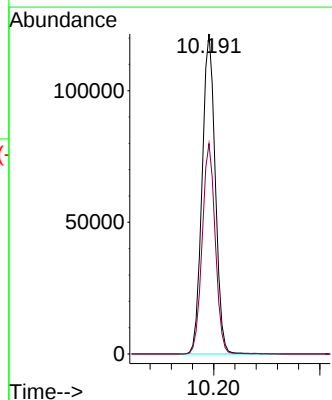
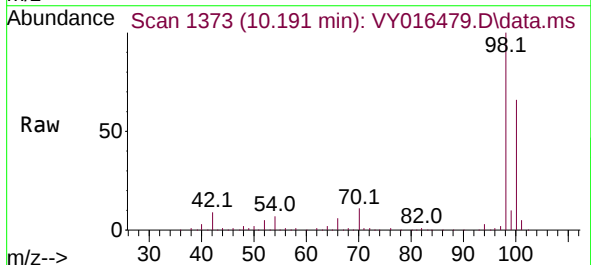


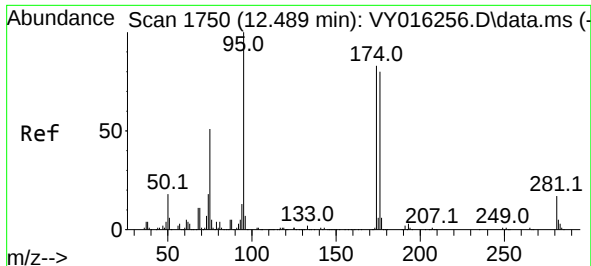
Tgt Ion:117 Resp: 9897
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.648 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016479.D
Acq: 24 Nov 2023 13:08

Tgt Ion: 98 Resp: 208975
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

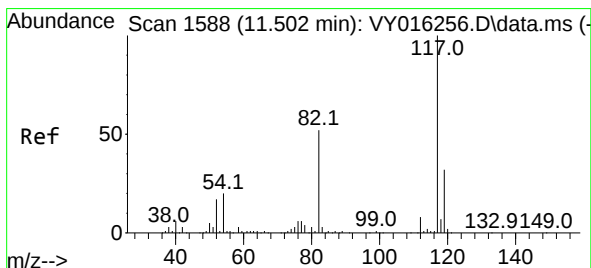
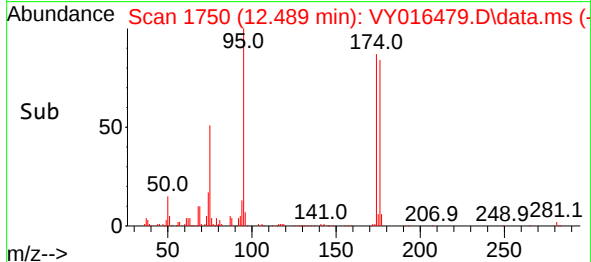
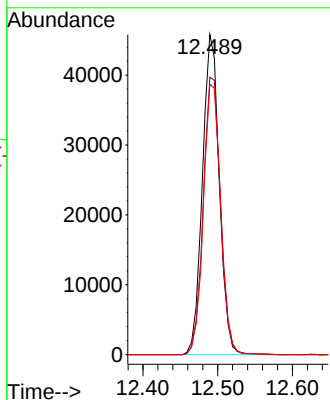
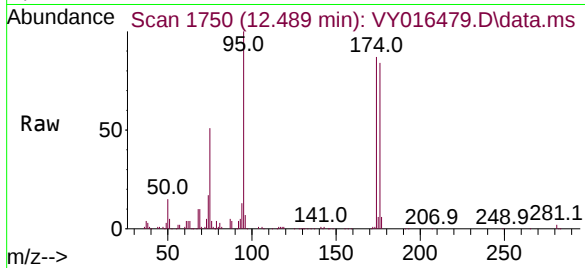




#62
4-Bromofluorobenzene
Concen: 53.543 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016479.D
Acq: 24 Nov 2023 13:08

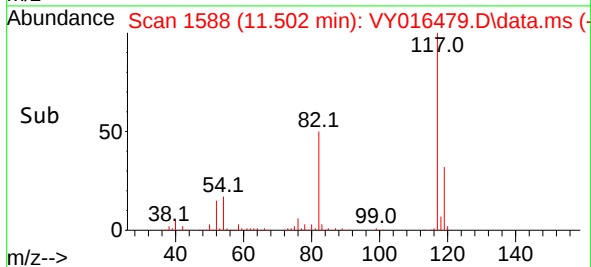
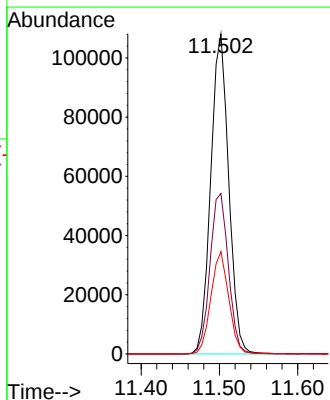
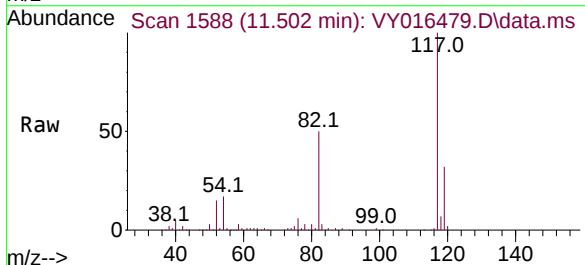
Instrument :
MSVOA_Y
ClientSampleId :

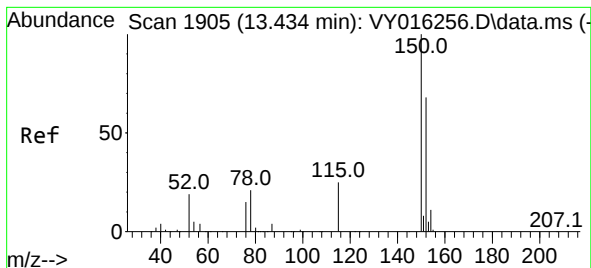
Tgt Ion: 95 Resp: 71752
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.2
176 86.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016479.D
Acq: 24 Nov 2023 13:08

Tgt Ion: 117 Resp: 172477
Ion Ratio Lower Upper
117 100
82 50.1 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016479.D

Acq: 24 Nov 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

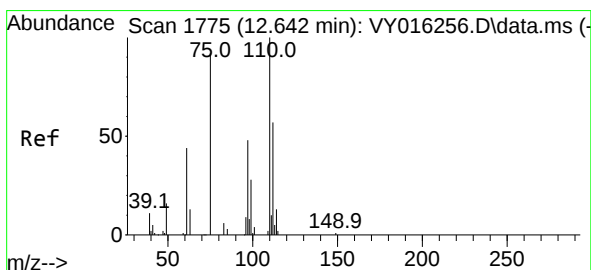
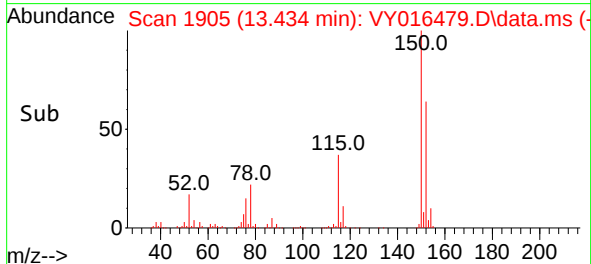
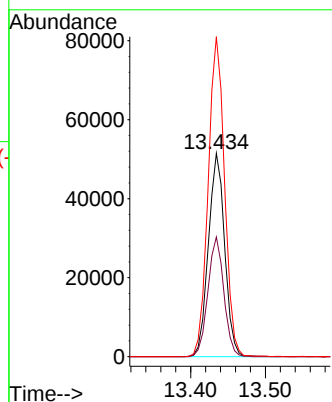
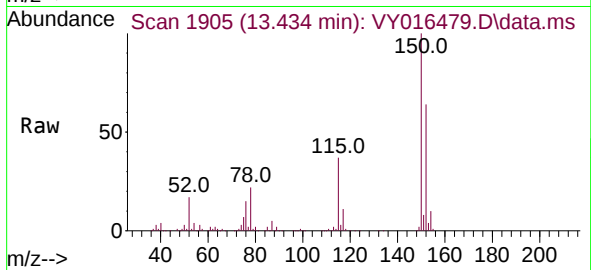
Tgt Ion:152 Resp: 77858

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 47.602 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016479.D

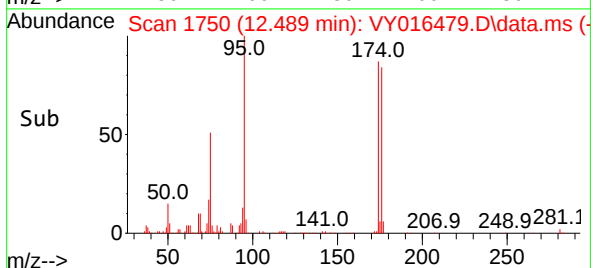
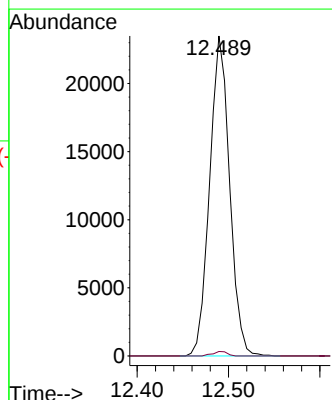
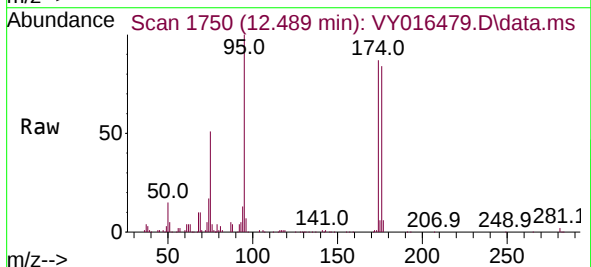
Acq: 24 Nov 2023 13:08

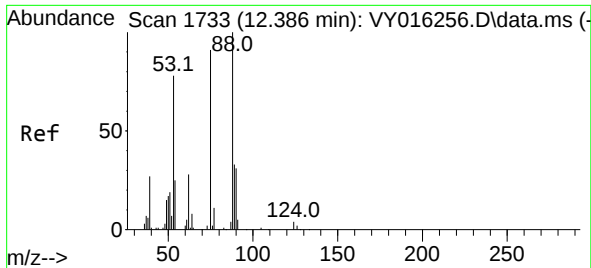
Tgt Ion: 75 Resp: 35553

Ion Ratio Lower Upper

75 100

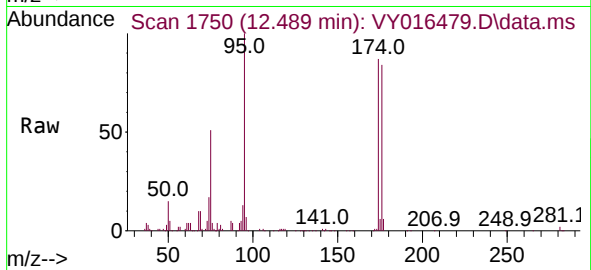
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.324 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016479.D
 Acq: 24 Nov 2023 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

