

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015952.D
 Acq On : 13 Oct 2023 12:57
 Operator : SY/MD
 Sample : 04858-07RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:49:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

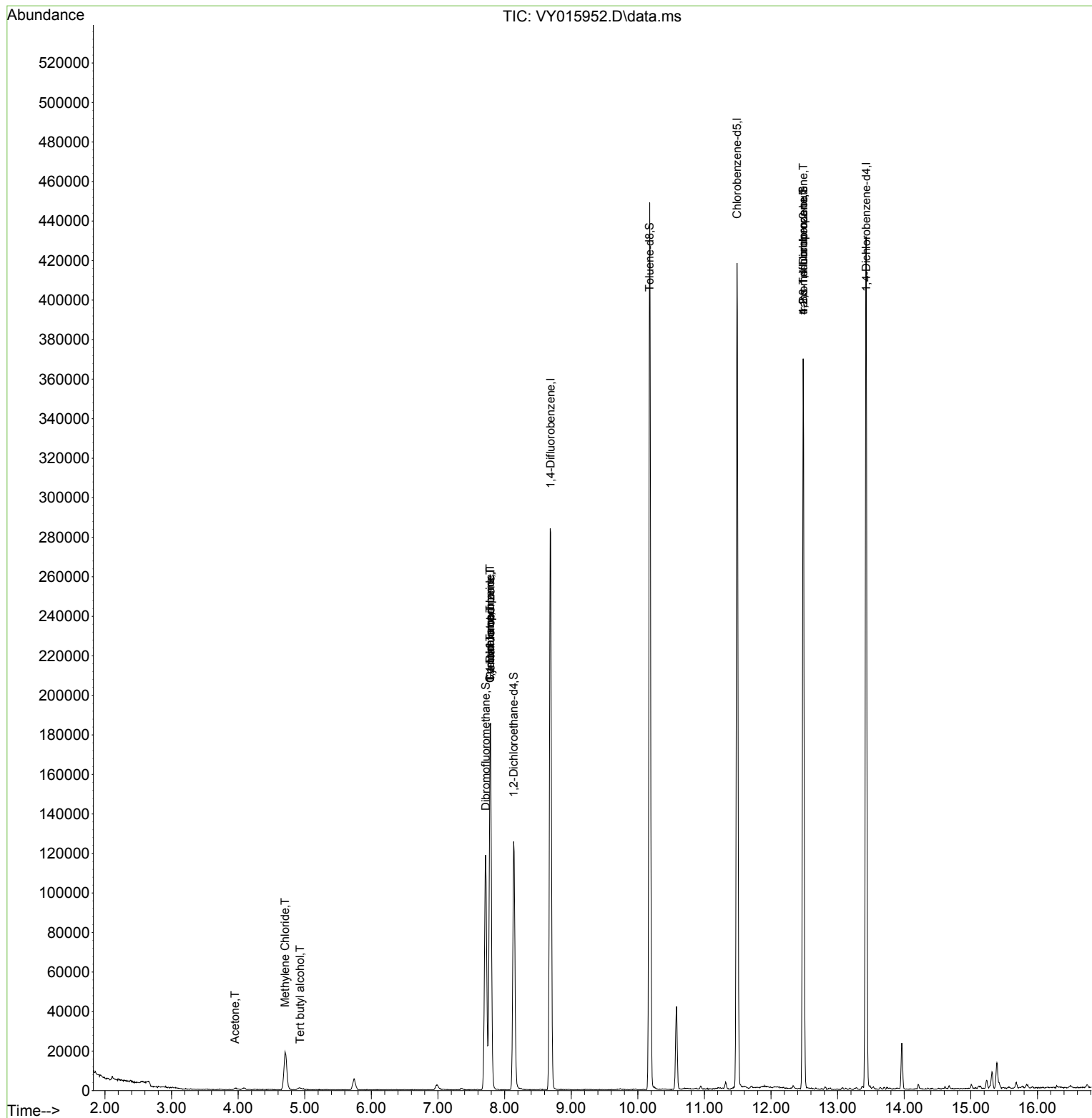
Internal Standards						
1) Pentafluorobenzene	7.789	168	148280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97984	57.900	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.800%
35) Dibromofluoromethane	7.716	113	85362	53.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.900%
50) Toluene-d8	10.179	98	302426	50.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.483	95	104649	49.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.280%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	1240	Below Cal		96
11) Tert butyl alcohol	4.930	59	1055	1.075	ug/l #	89
16) Acetone	3.954	43	1684	1.713	ug/l	90
20) Methylene Chloride	4.704	84	15063	4.223	ug/l #	82
31) Cyclohexane	7.783	56	2844	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11008	4.568	ug/l #	49
38) Carbon Tetrachloride	7.783	117	14540	5.729	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	53975	24.222	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53975	57.060	ug/l #	11

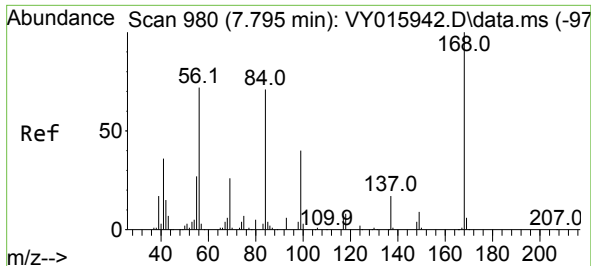
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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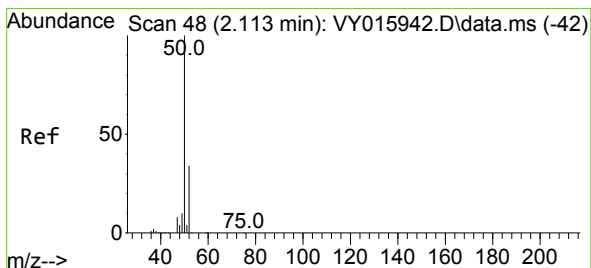
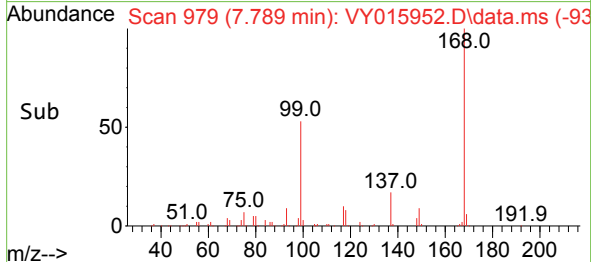
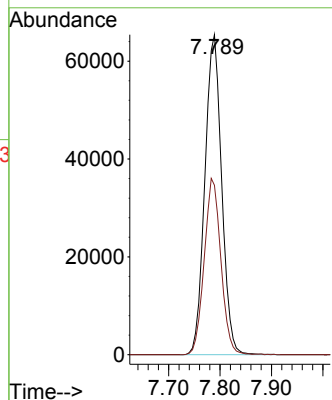
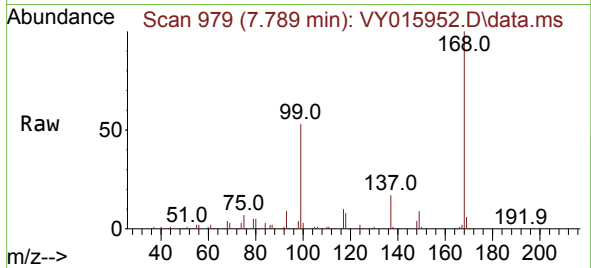




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

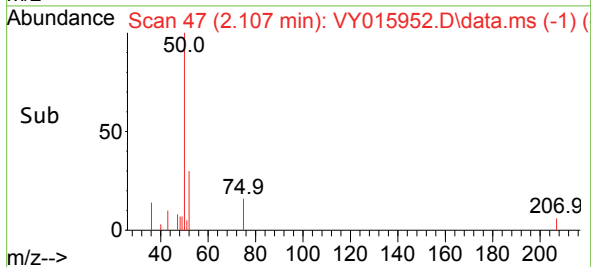
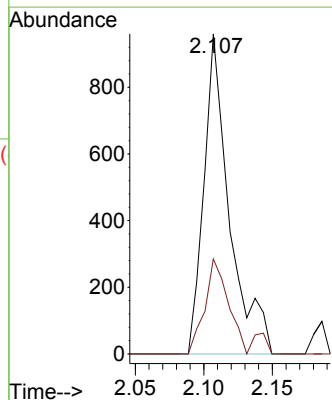
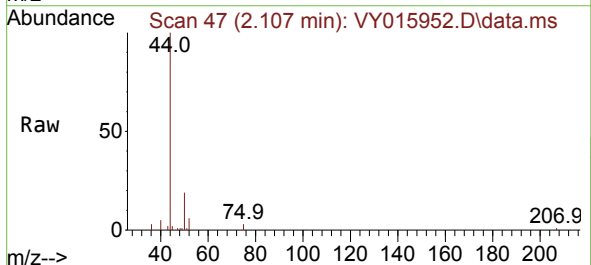
Instrument :
MSVOA_Y
ClientSampleId :

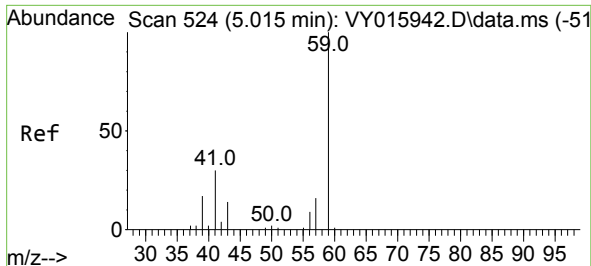
Tgt Ion:168 Resp: 148280
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

Tgt Ion: 50 Resp: 1240
Ion Ratio Lower Upper
50 100
52 29.7 25.4 38.2





#11

Tert butyl alcohol

Concen: 1.075 ug/l

RT: 4.930 min Scan# 51

Delta R.T. -0.085 min

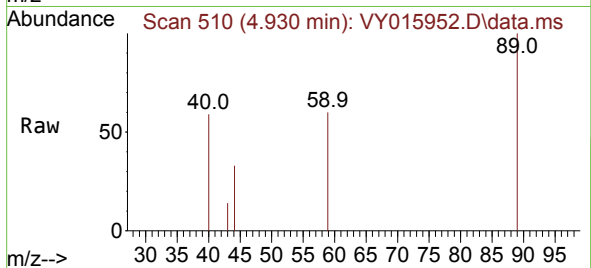
Lab File: VY015952.D

Acq: 13 Oct 2023 12:57

Instrument :

MSVOA_Y

ClientSampleId :

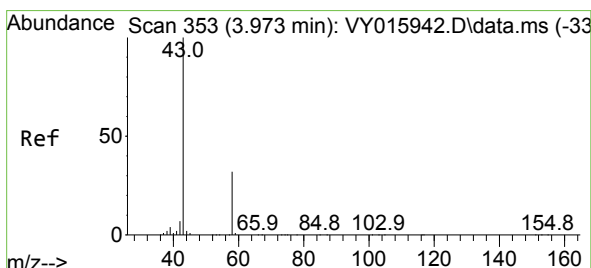
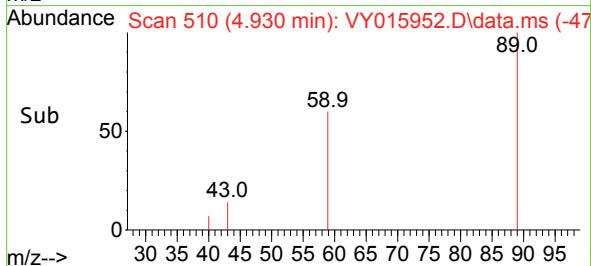
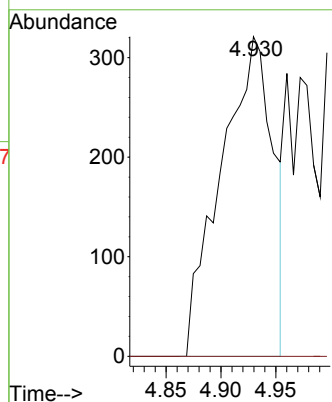


Tgt Ion: 59 Resp: 1055

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 1.713 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.018 min

Lab File: VY015952.D

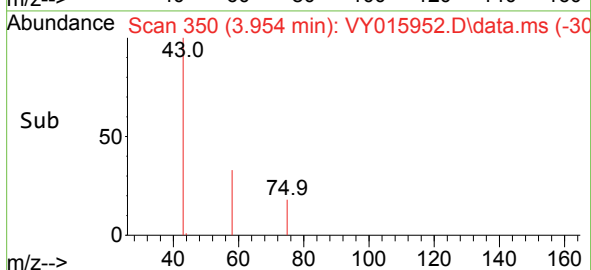
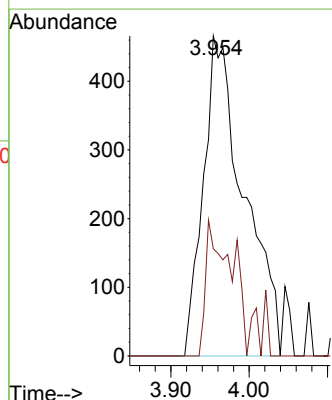
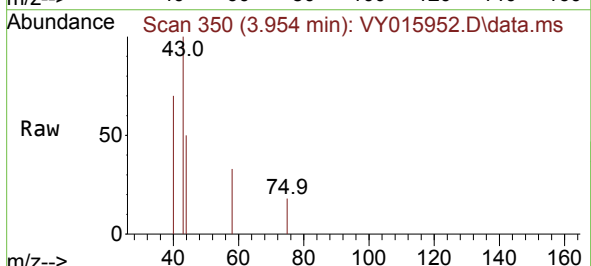
Acq: 13 Oct 2023 12:57

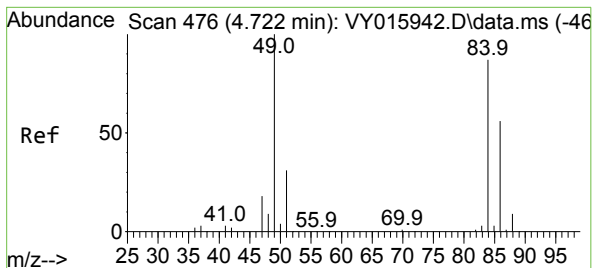
Tgt Ion: 43 Resp: 1684

Ion Ratio Lower Upper

43 100

58 33.5 22.7 34.1





#20

Methylene Chloride

Concen: 4.223 ug/l

RT: 4.704 min Scan# 41

Delta R.T. -0.018 min

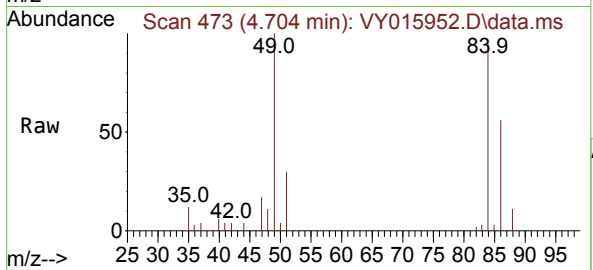
Lab File: VY015952.D

Acq: 13 Oct 2023 12:57

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 15063

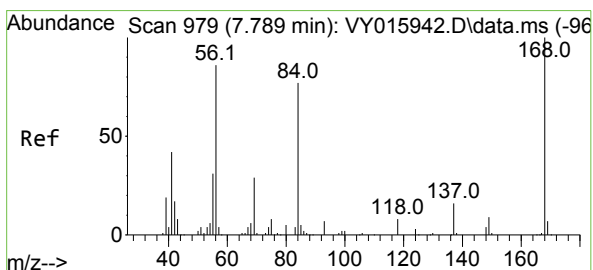
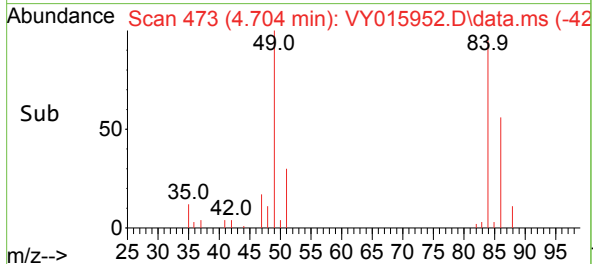
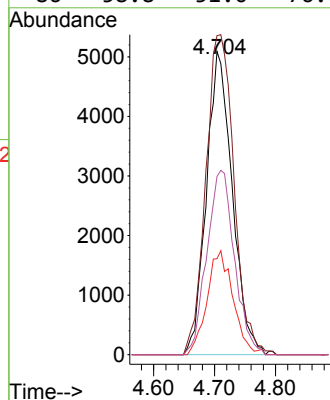
Ion Ratio Lower Upper

84 100

49 105.2 106.9 160.3#

51 31.7 33.2 49.8#

86 58.8 51.0 76.6



#31

Cyclohexane

Concen: 1.056 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY015952.D

Acq: 13 Oct 2023 12:57

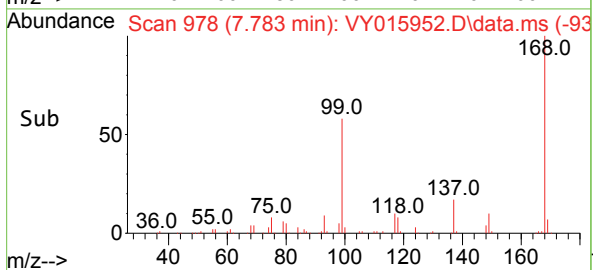
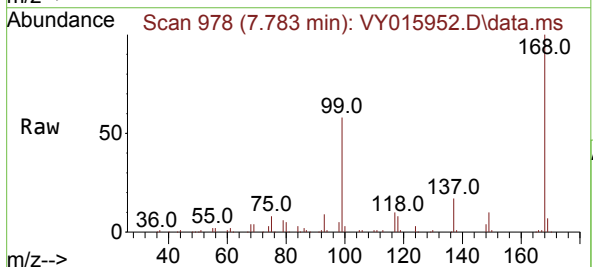
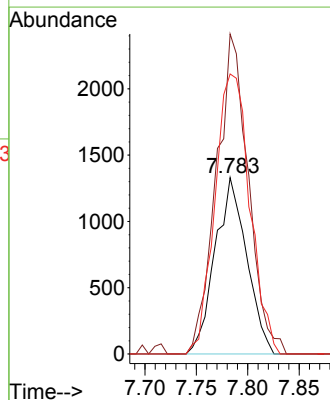
Tgt Ion: 56 Resp: 2844

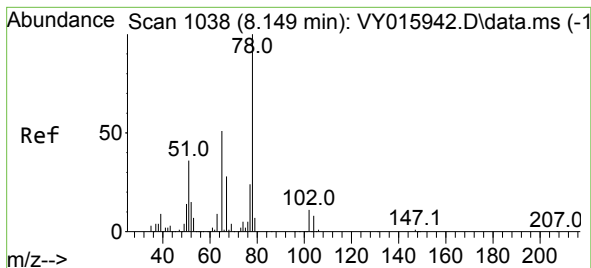
Ion Ratio Lower Upper

56 100

69 181.5 27.8 41.6#

84 163.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.900 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY015952.D

Acq: 13 Oct 2023 12:57

Instrument :

MSVOA_Y

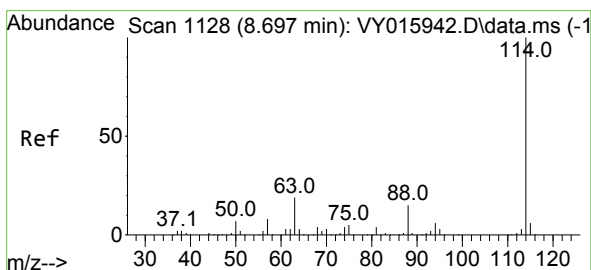
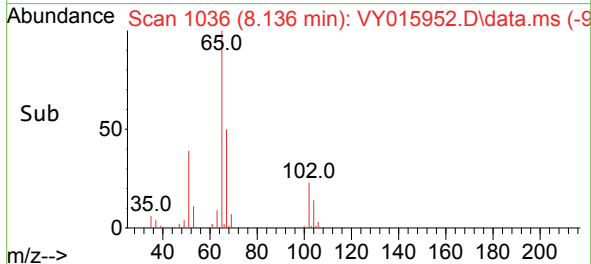
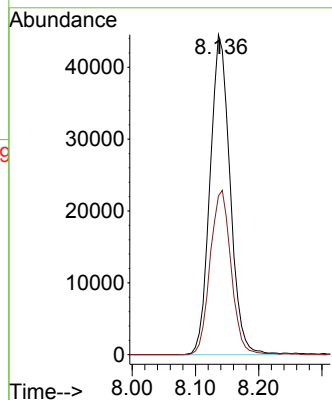
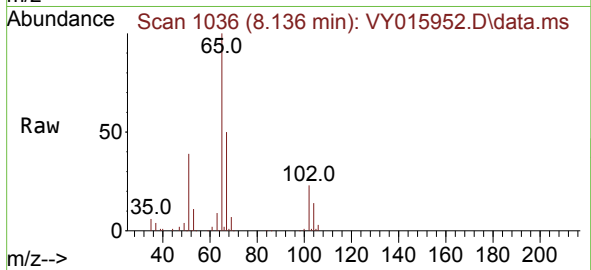
ClientSampleId :

Tgt Ion: 65 Resp: 97984

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015952.D

Acq: 13 Oct 2023 12:57

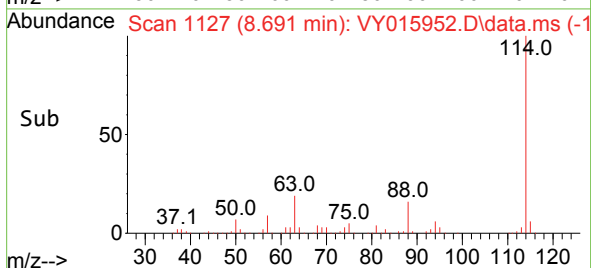
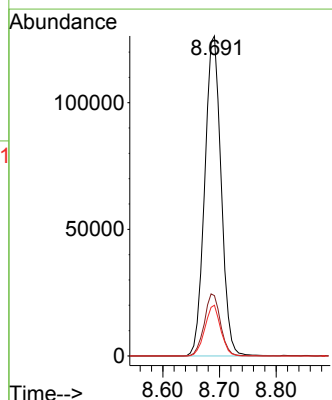
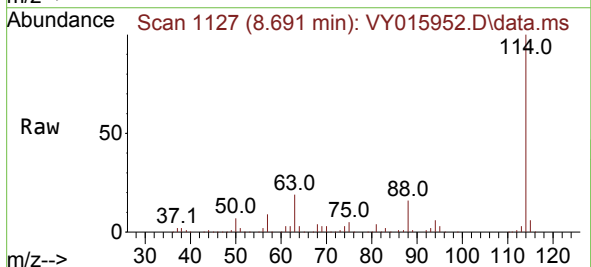
Tgt Ion: 114 Resp: 253681

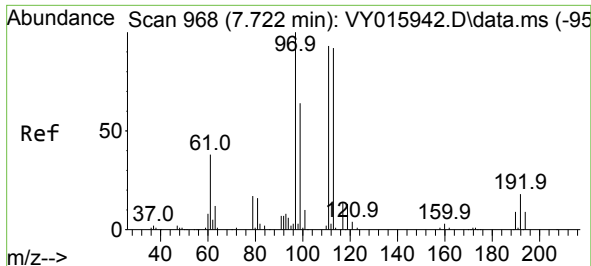
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

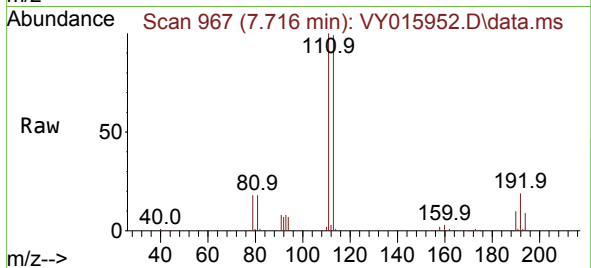
88 15.9 0.0 30.6



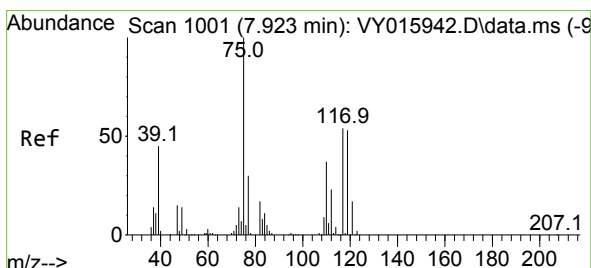
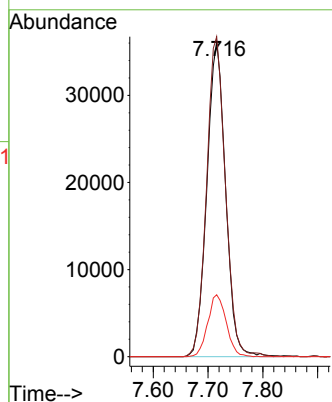
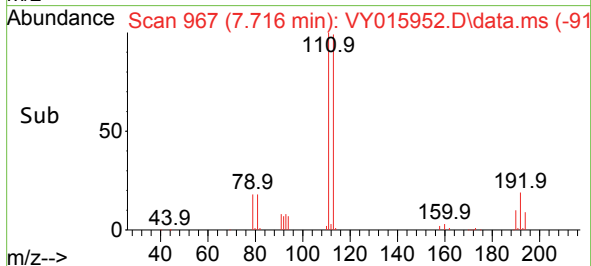


#35
Dibromofluoromethane
Concen: 53.449 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

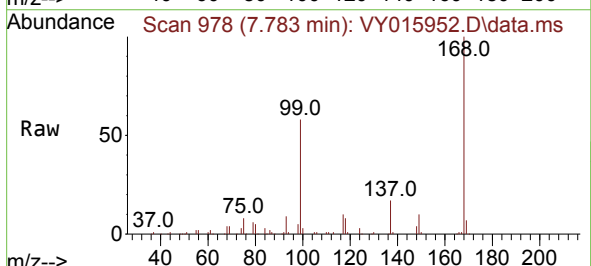
Instrument :
MSVOA_Y
ClientSampleId :



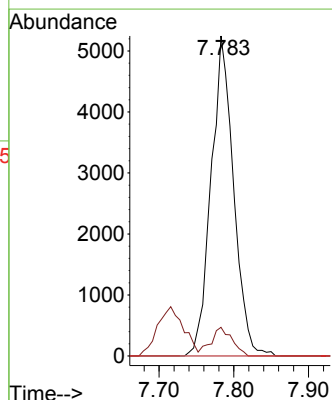
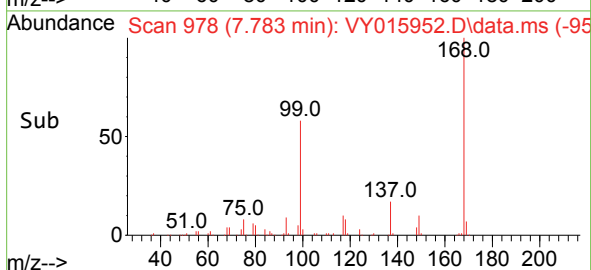
Tgt Ion:113 Resp: 85362
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.5 16.9 25.3

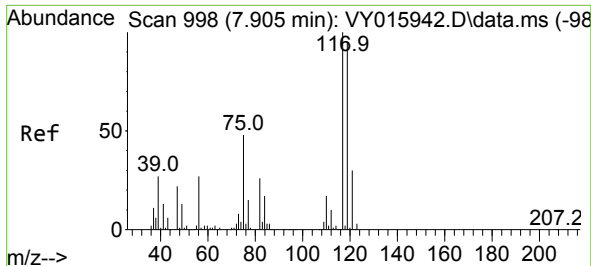


#36
1,1-Dichloropropene
Concen: 4.568 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57



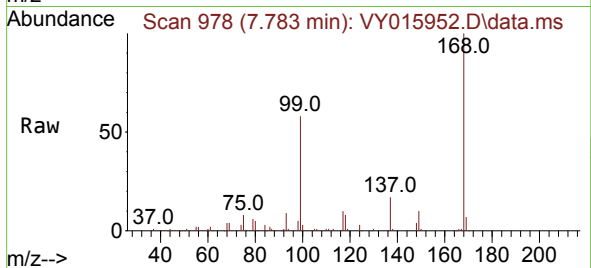
Tgt Ion: 75 Resp: 11008
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.5#
77 0.0 24.4 36.6#



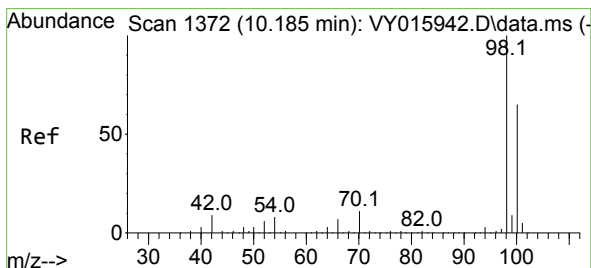
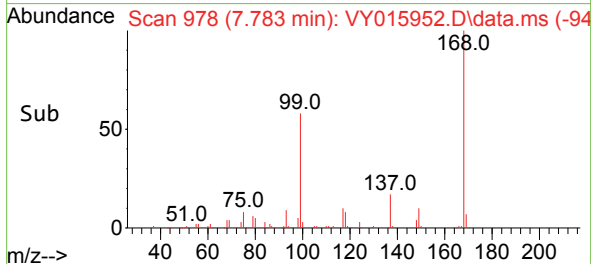
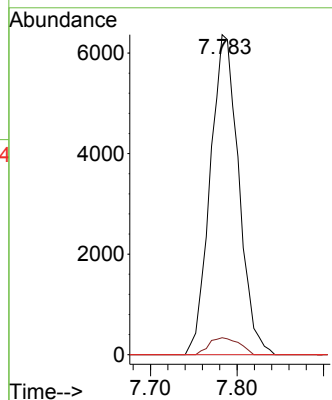


#38
Carbon Tetrachloride
Concen: 5.729 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

Instrument :
MSVOA_Y
ClientSampleId :

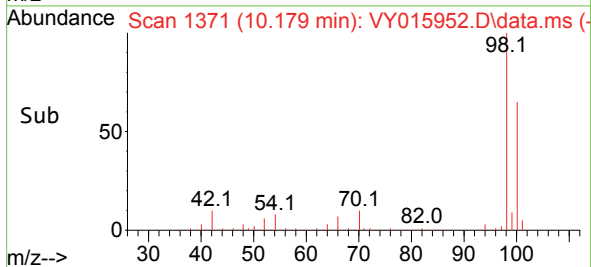
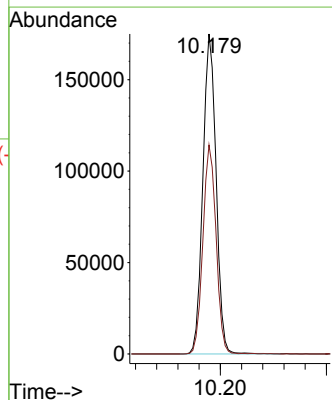
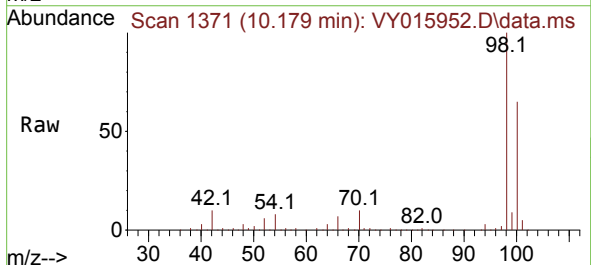


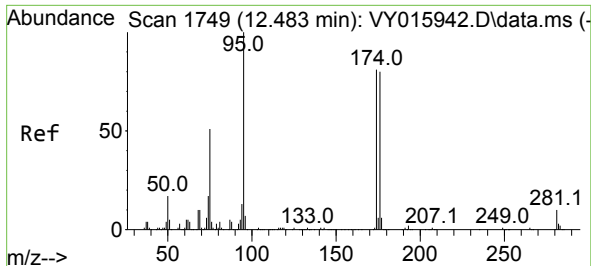
Tgt Ion:117 Resp: 14540
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.566 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

Tgt Ion: 98 Resp: 302426
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

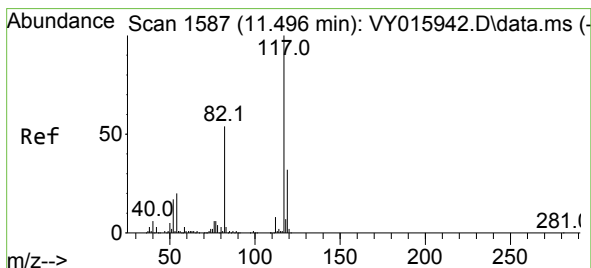
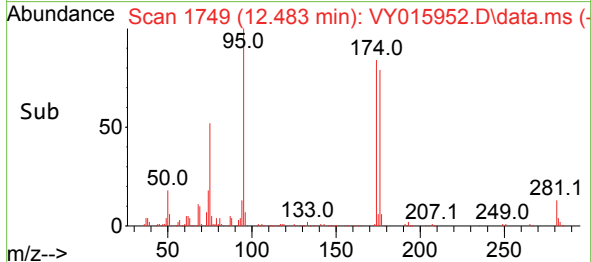
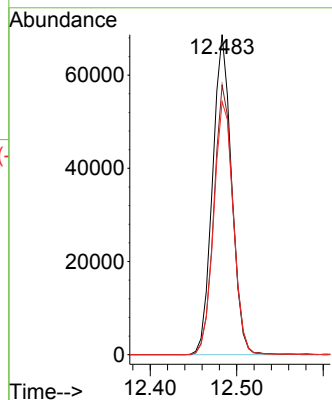
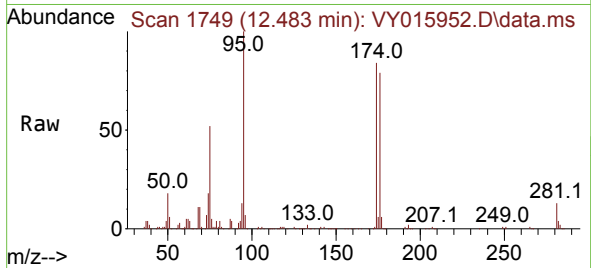




#62
4-Bromofluorobenzene
Concen: 49.138 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

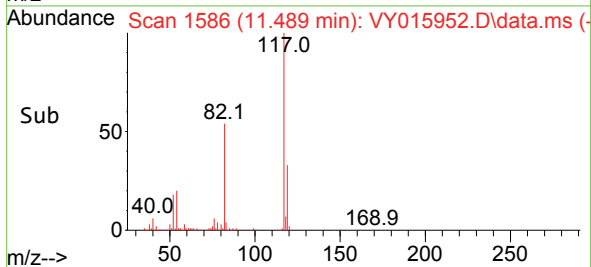
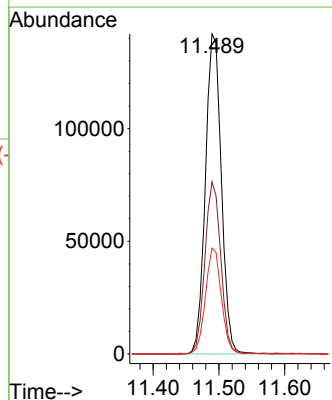
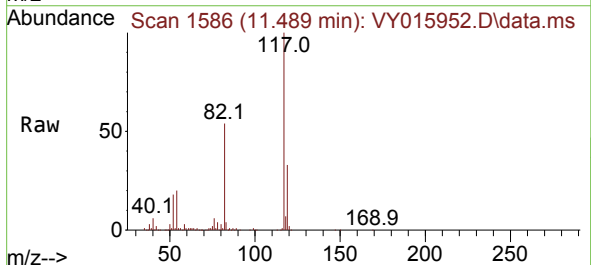
Instrument :
MSVOA_Y
ClientSampleId :

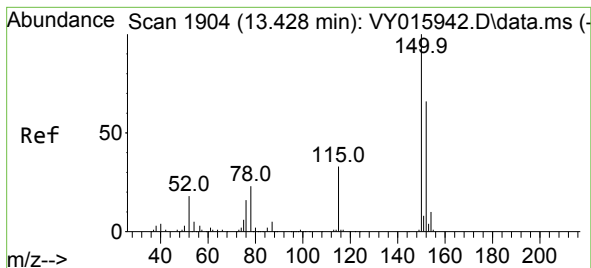
Tgt Ion: 95 Resp: 104649
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

Tgt Ion: 117 Resp: 239704
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY015952.D

Acq: 13 Oct 2023 12:57

Instrument :

MSVOA_Y

ClientSampleId :

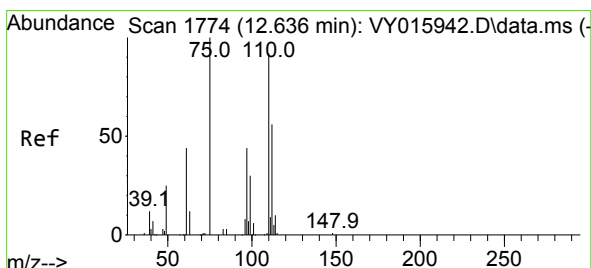
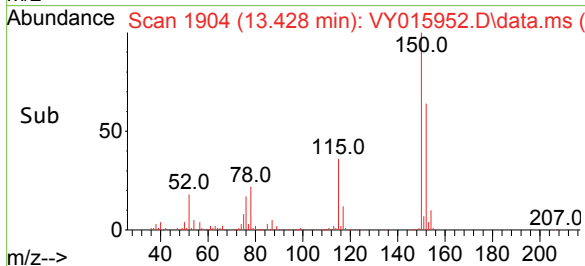
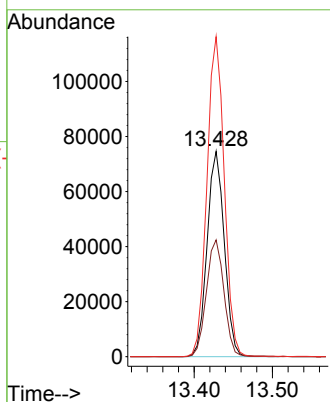
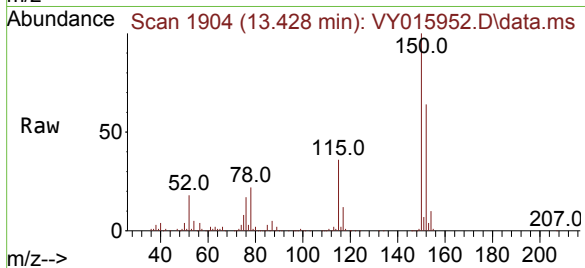
Tgt Ion:152 Resp: 113864

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 24.222 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY015952.D

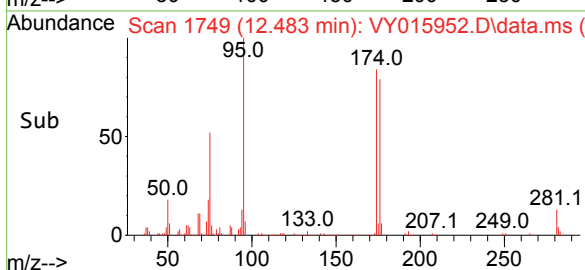
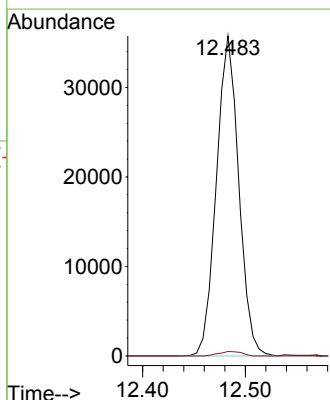
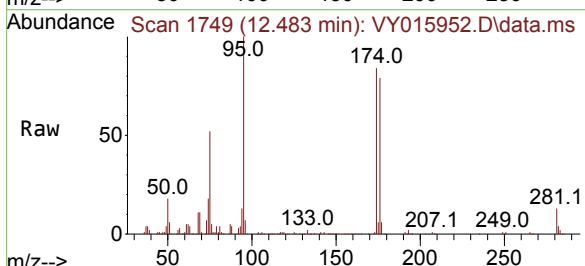
Acq: 13 Oct 2023 12:57

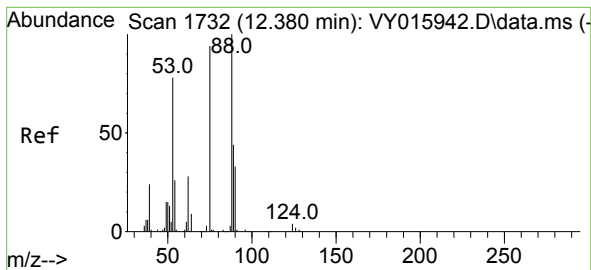
Tgt Ion: 75 Resp: 53975

Ion Ratio Lower Upper

75 100

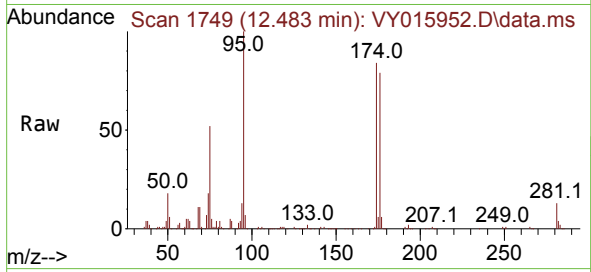
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.060 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015952.D
 Acq: 13 Oct 2023 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 53975
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

