

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015125.D
 Acq On : 16 Aug 2023 00:32
 Operator : SY/MD
 Sample : 03956-03
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 04:25:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

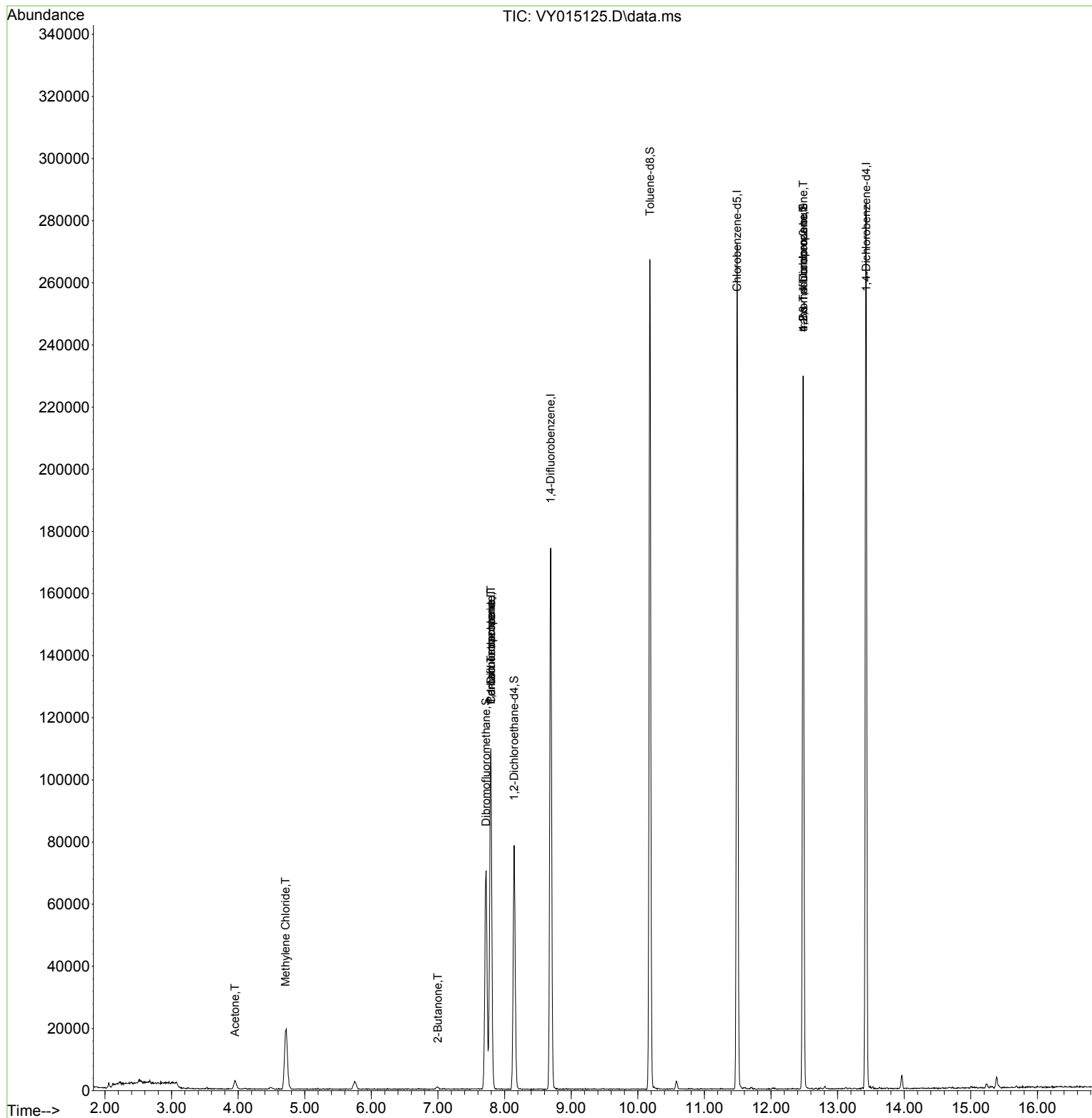
Internal Standards						
1) Pentafluorobenzene	7.795	168	86373	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	149459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	148520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57856	55.801	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.600%			
35) Dibromofluoromethane	7.722	113	49096	51.061	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.120%			
50) Toluene-d8	10.185	98	181115	50.600	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.200%			
62) 4-Bromofluorobenzene	12.483	95	67364	51.527	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.060%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	289	Below Cal	#	43
5) Bromomethane	2.674	94	436	Below Cal		95
11) Tert butyl alcohol	4.960	59	52	Below Cal	#	89
16) Acetone	3.954	43	4877	14.399	ug/l #	86
20) Methylene Chloride	4.710	84	15043	15.546	ug/l #	84
25) 2-Butanone	6.996	43	602	1.255	ug/l	96
31) Cyclohexane	7.789	56	1943	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	6514	6.124	ug/l #	49
38) Carbon Tetrachloride	7.795	117	8801	6.991	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	36175	40.064	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36175	88.000	ug/l #	10

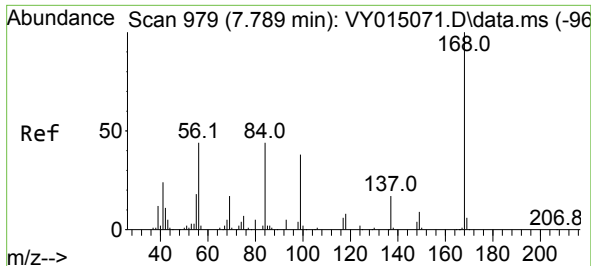
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

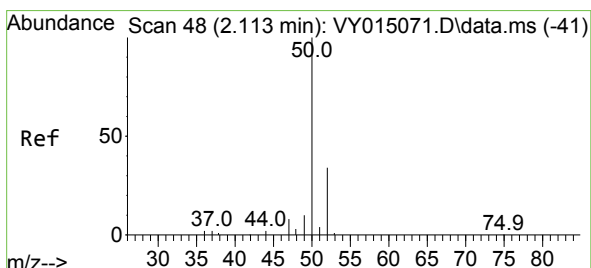
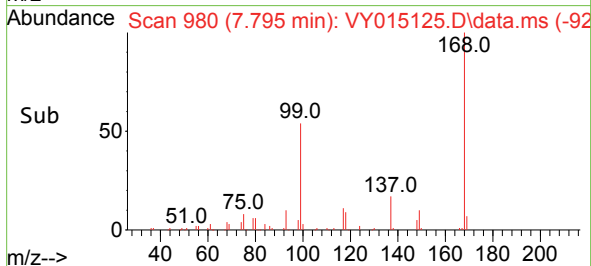
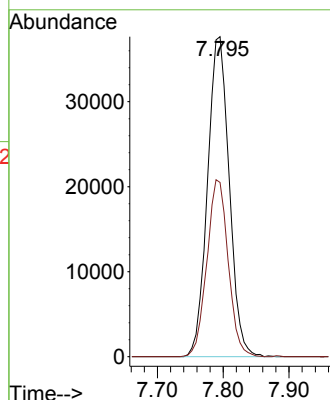
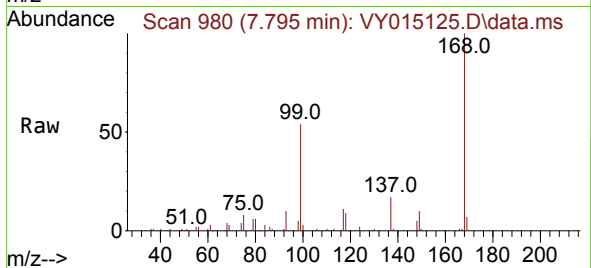




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

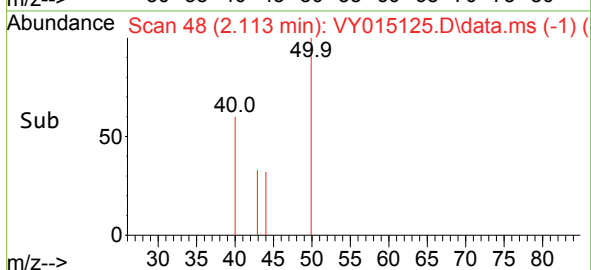
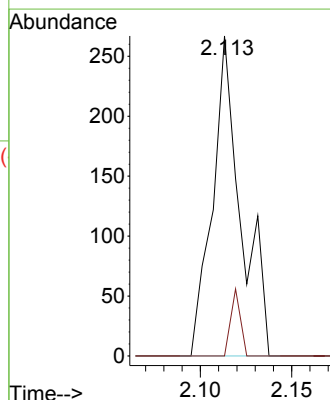
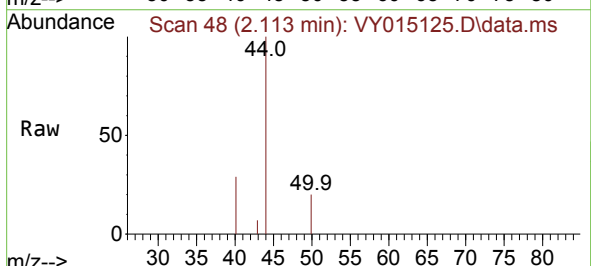
Instrument :
MSVOA_Y
ClientSampleId :

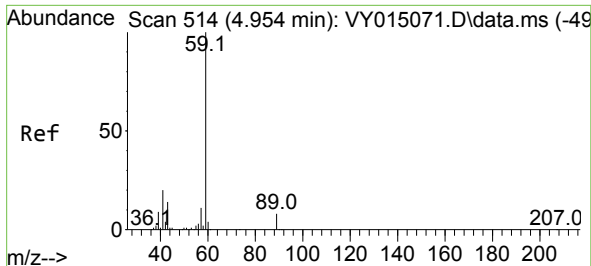
Tgt Ion:168 Resp: 86373
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

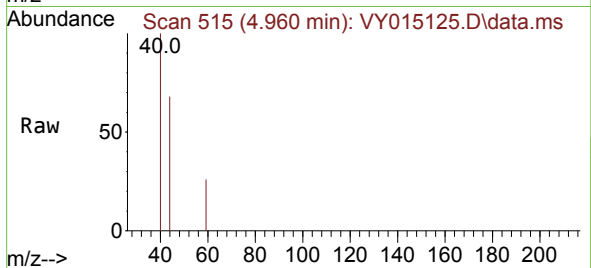
Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



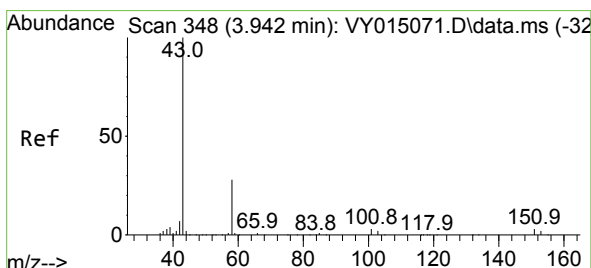
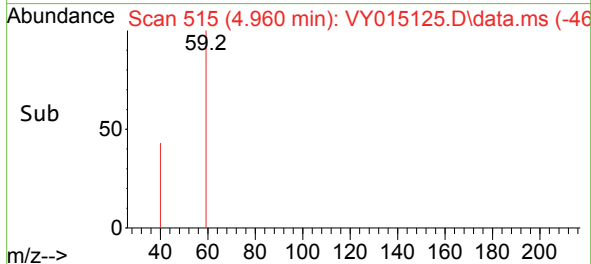
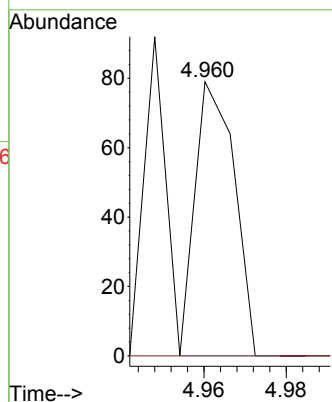


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

Instrument :
MSVOA_Y
ClientSampleId :

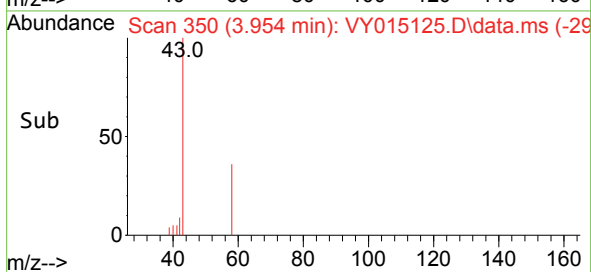
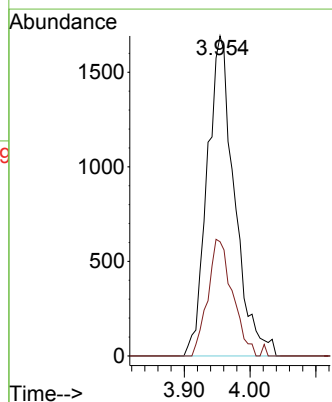
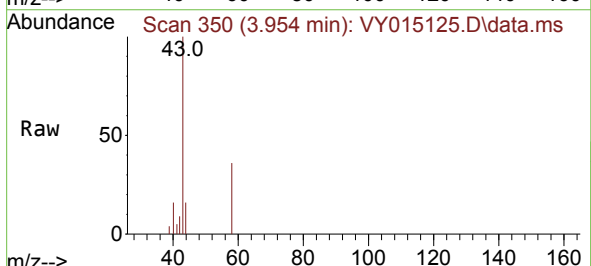


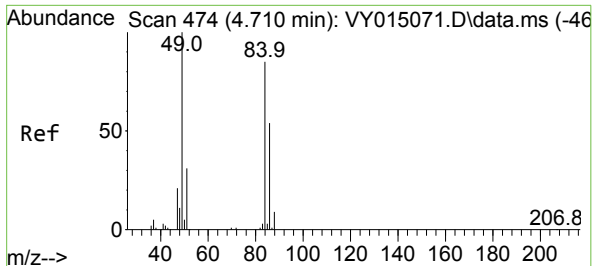
Tgt Ion: 59 Resp: 52
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 14.399 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

Tgt Ion: 43 Resp: 4877
Ion Ratio Lower Upper
43 100
58 35.7 22.7 34.1#





#20

Methylene Chloride

Concen: 15.546 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

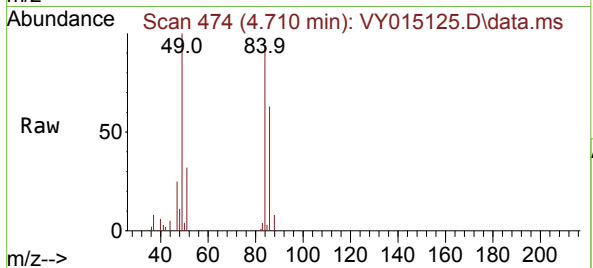
Lab File: VY015125.D

Acq: 16 Aug 2023 00:32

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 15043

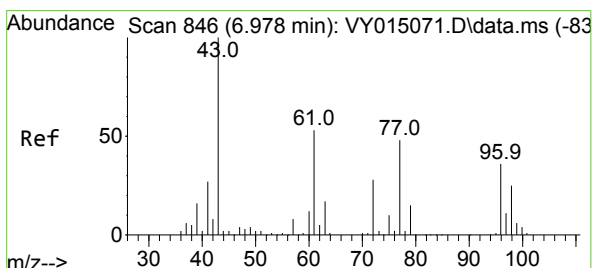
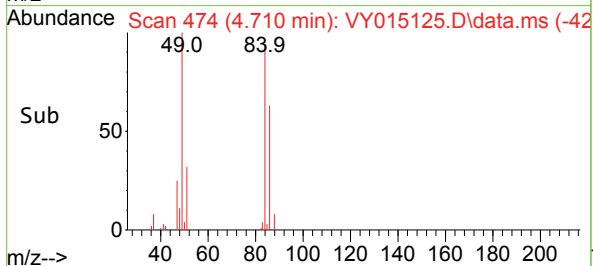
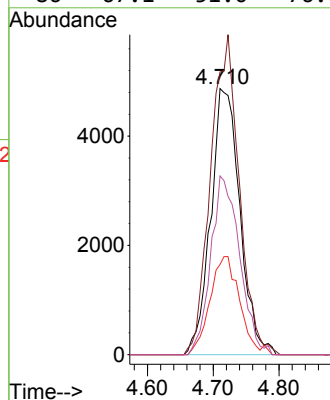
Ion Ratio Lower Upper

84 100

49 106.3 106.9 160.3#

51 33.9 33.2 49.8

86 67.1 51.0 76.6



#25

2-Butanone

Concen: 1.255 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.018 min

Lab File: VY015125.D

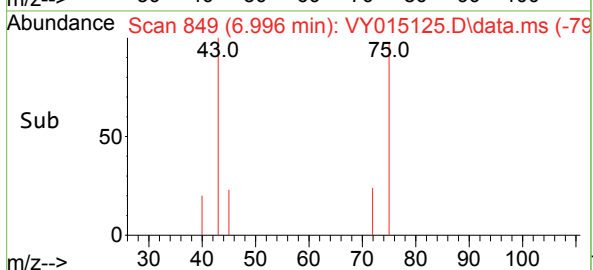
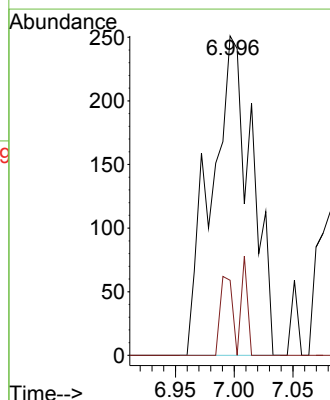
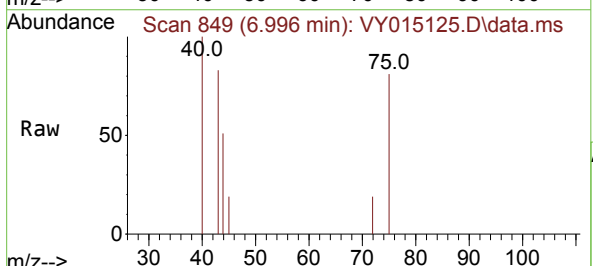
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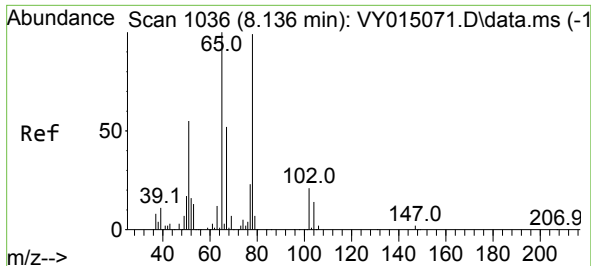
Tgt Ion: 43 Resp: 602

Ion Ratio Lower Upper

43 100

72 23.5 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 55.801 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015125.D

Acq: 16 Aug 2023 00:32

Instrument :

MSVOA_Y

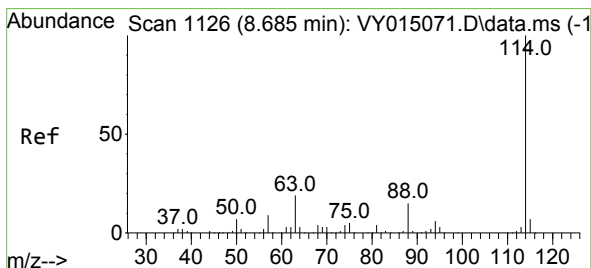
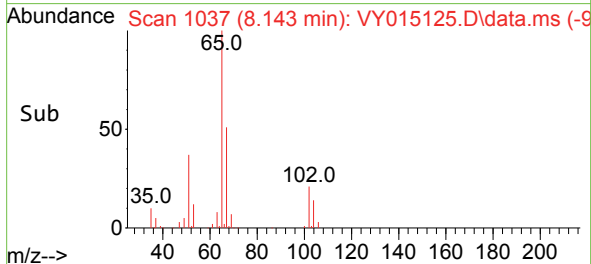
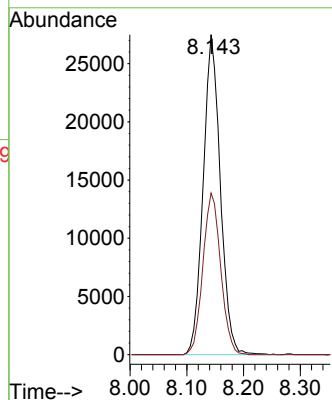
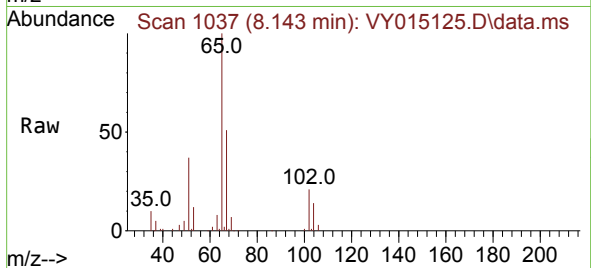
ClientSampleId :

Tgt Ion: 65 Resp: 57856

Ion Ratio Lower Upper

65 100

67 52.3 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: VY015125.D

Acq: 16 Aug 2023 00:32

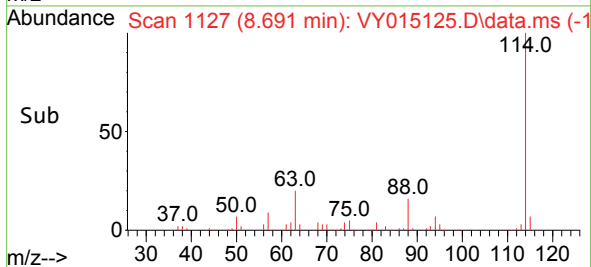
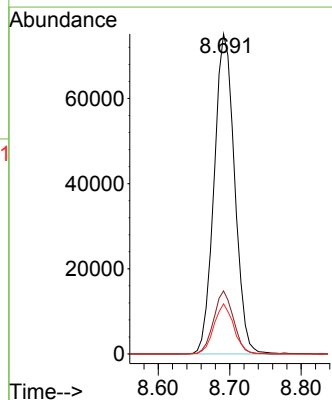
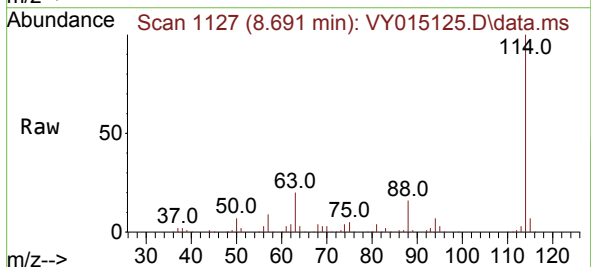
Tgt Ion: 114 Resp: 149459

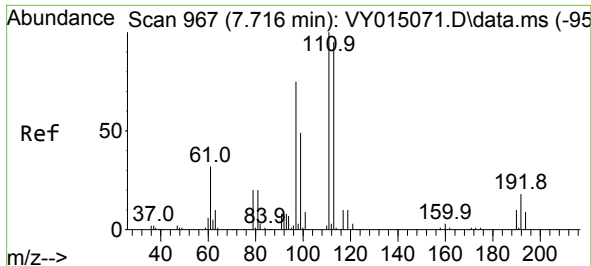
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

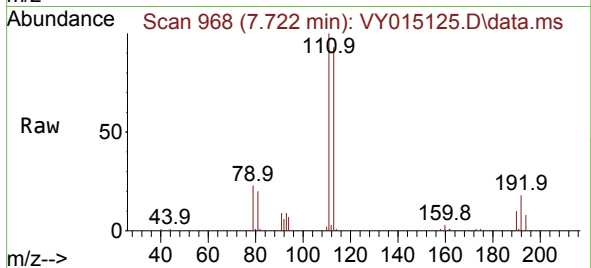
88 15.7 0.0 30.6



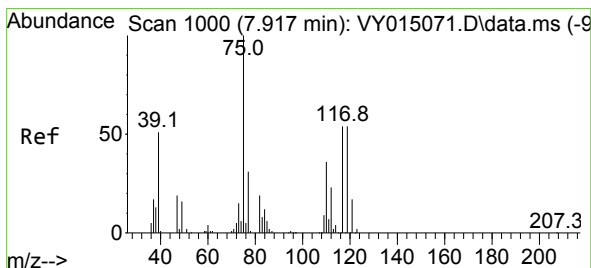
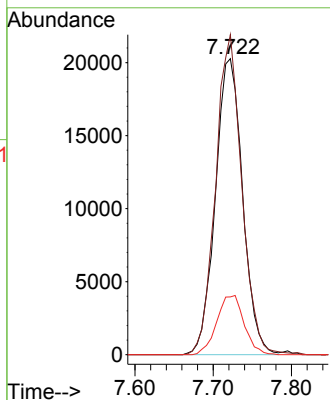
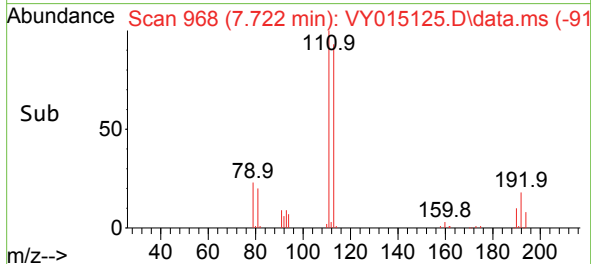


#35
 Dibromofluoromethane
 Concen: 51.061 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY015125.D
 Acq: 16 Aug 2023 00:32

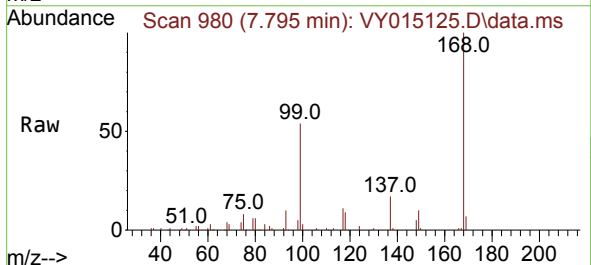
Instrument :
 MSVOA_Y
 ClientSampleId :



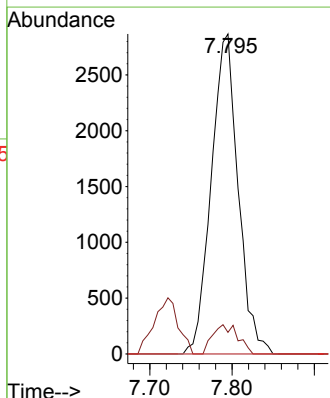
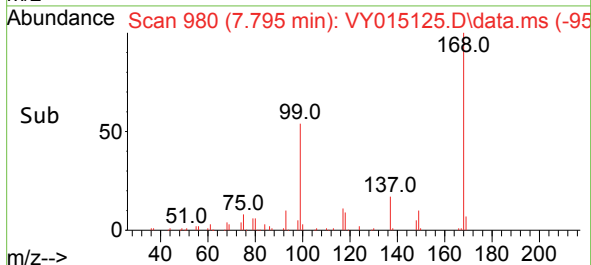
Tgt Ion:113 Resp: 49096
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.3 121.9
 192 20.1 16.9 25.3

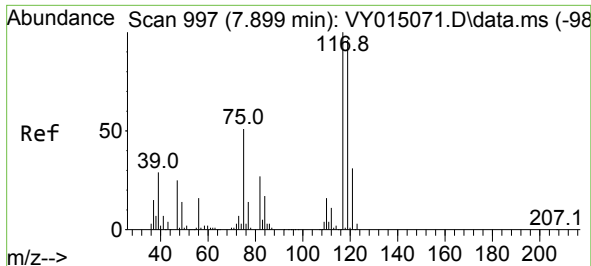


#36
 1,1-Dichloropropene
 Concen: 6.124 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY015125.D
 Acq: 16 Aug 2023 00:32



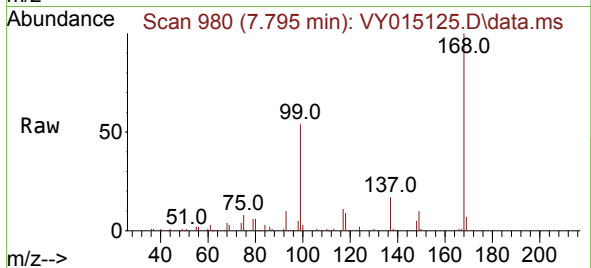
Tgt Ion: 75 Resp: 6514
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.8 53.5#
 77 0.0 24.4 36.6#



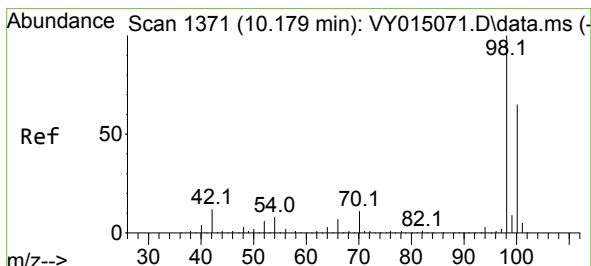
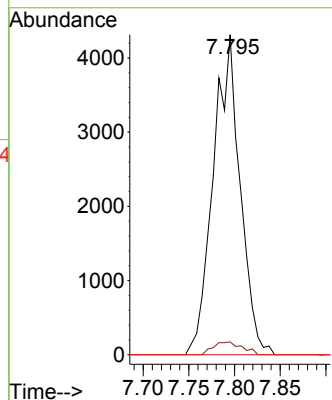
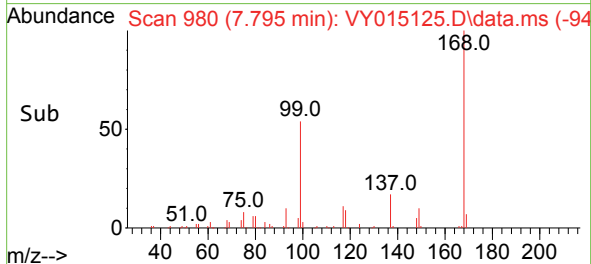


#38
Carbon Tetrachloride
Concen: 6.991 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

Instrument :
MSVOA_Y
ClientSampleId :

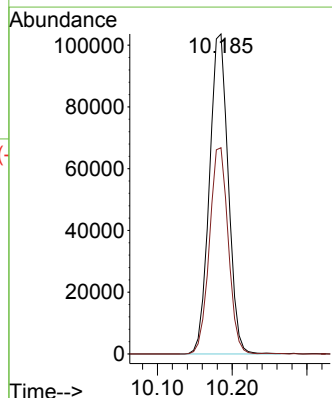
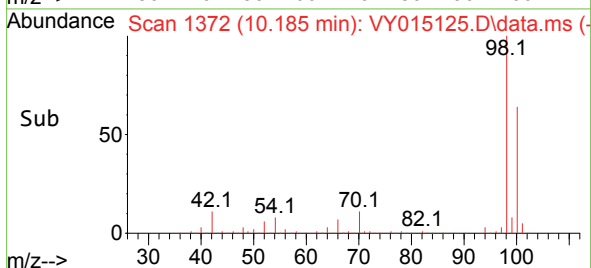
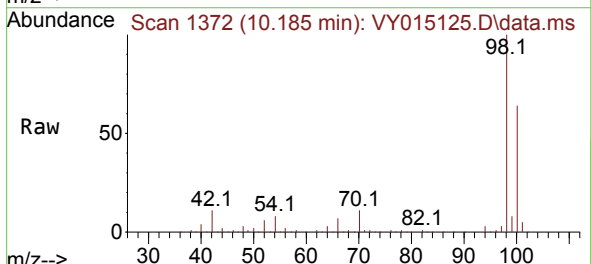


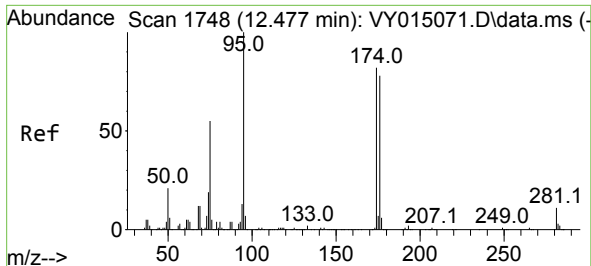
Tgt Ion:117 Resp: 8801
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.600 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

Tgt Ion: 98 Resp: 181115
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1

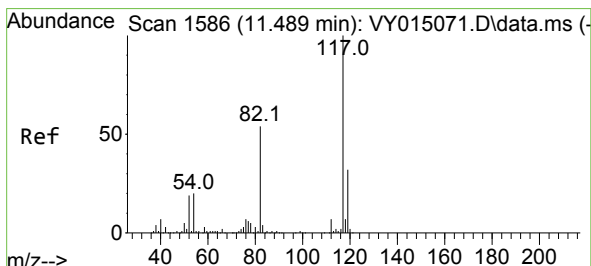
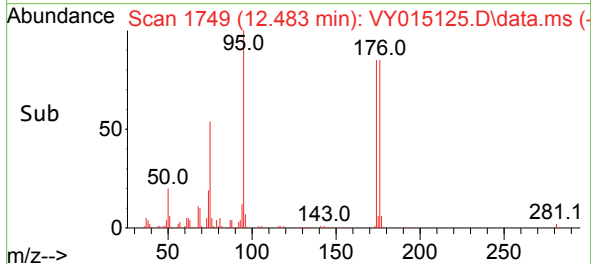
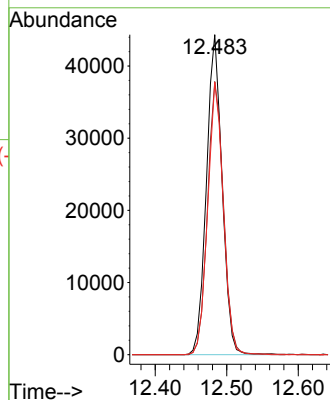
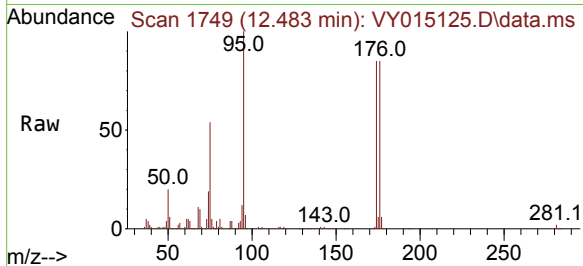




#62
4-Bromofluorobenzene
Concen: 51.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

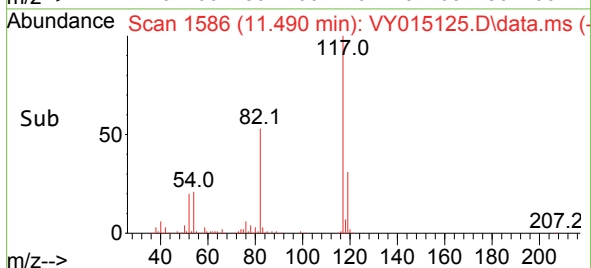
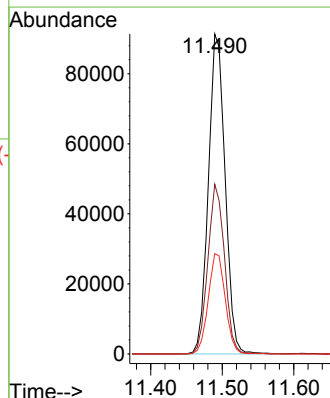
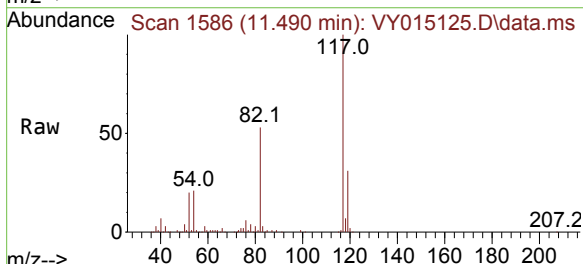
Instrument :
MSVOA_Y
ClientSampleId :

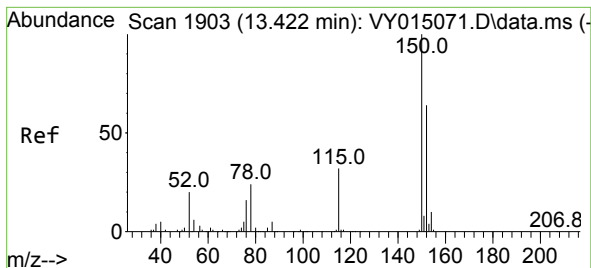
Tgt Ion: 95 Resp: 67364
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 84.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

Tgt Ion: 117 Resp: 148520
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.3 26.3 39.5

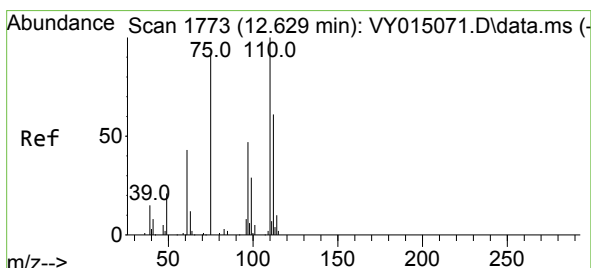
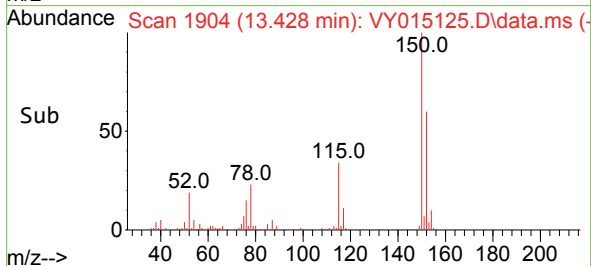
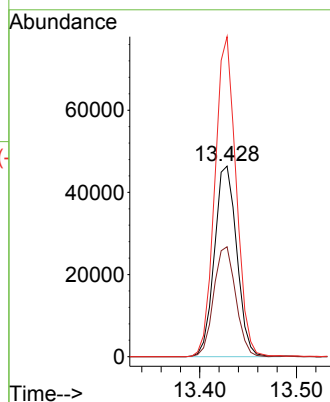
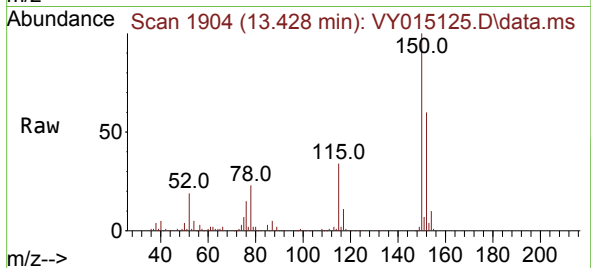




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015125.D
 Acq: 16 Aug 2023 00:32

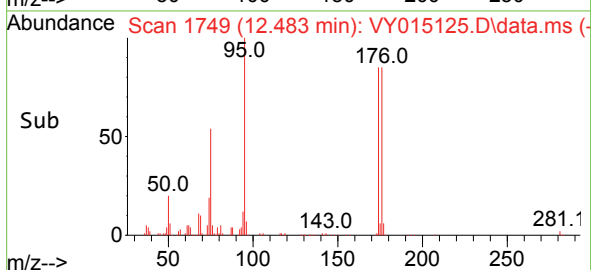
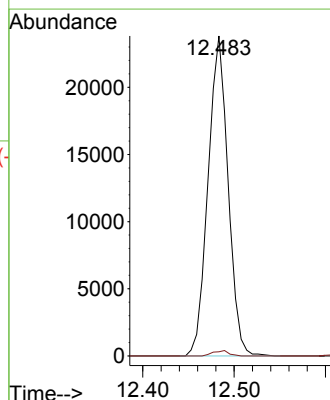
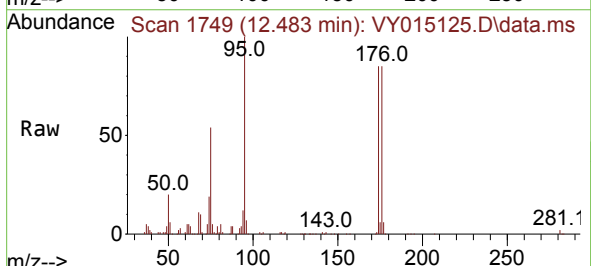
Instrument :
 MSVOA_Y
 ClientSampleId :

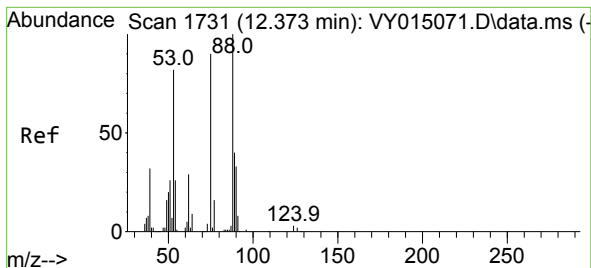
Tgt Ion:152 Resp: 74320
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.8 86.5
 150 160.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.064 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015125.D
 Acq: 16 Aug 2023 00:32

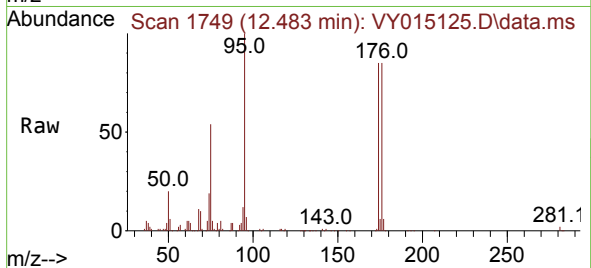
Tgt Ion: 75 Resp: 36175
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.000 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015125.D
 Acq: 16 Aug 2023 00:32

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#

