

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015483.D
 Acq On : 11 Sep 2023 12:20
 Operator : SY/MD
 Sample : VY0911SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:16:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

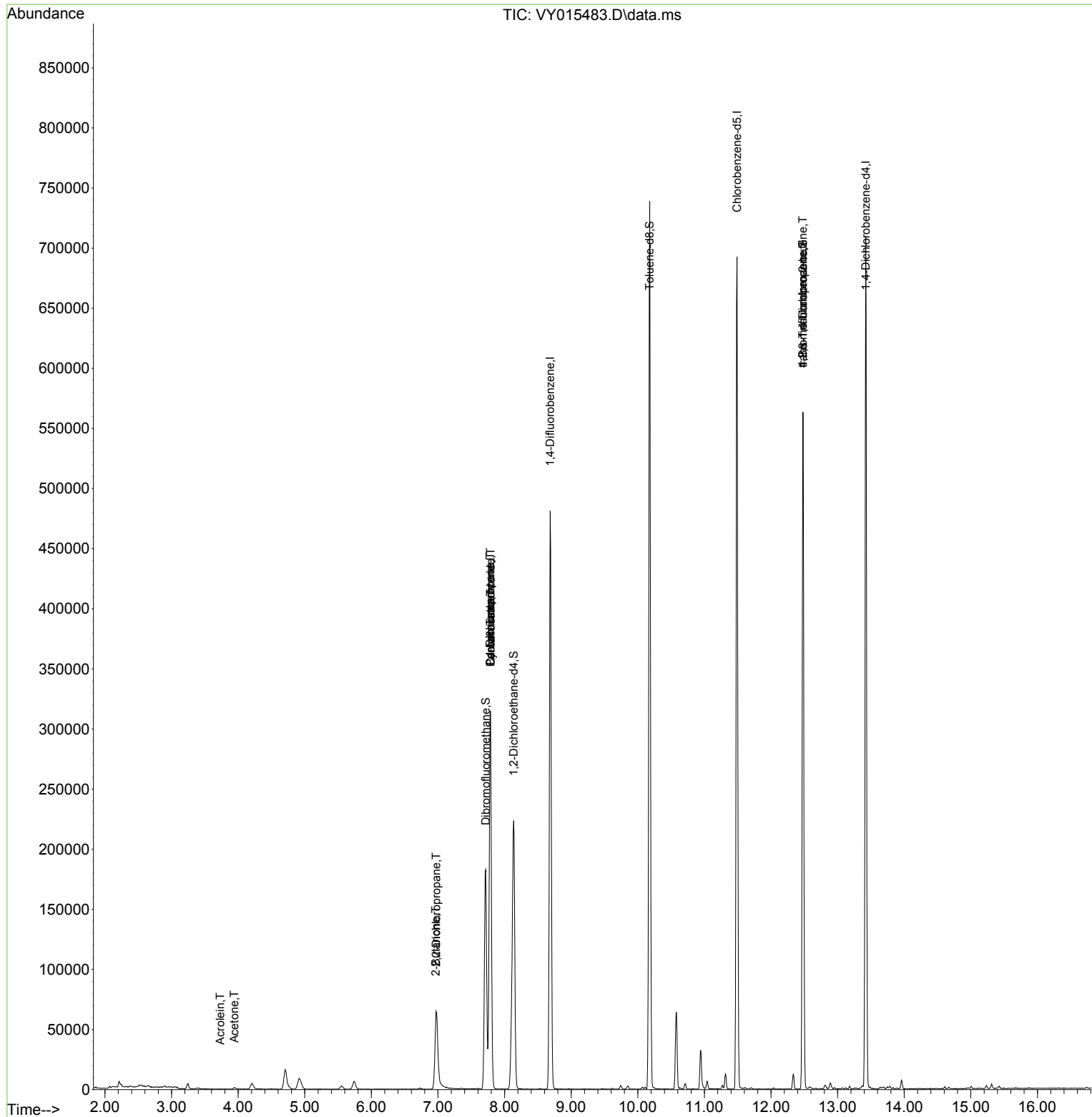
Internal Standards						
1) Pentafluorobenzene	7.789	168	246238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	412329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154756	58.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.260%	
35) Dibromofluoromethane	7.716	113	127642	53.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.500%	
50) Toluene-d8	10.179	98	477830	55.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.120%	
62) 4-Bromofluorobenzene	12.477	95	164607	51.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.120%	
Target Compounds						
					Qvalue	
13) Acrolein	3.728	56	22	11.674	ug/l #	1
16) Acetone	3.942	43	2208	2.004	ug/l #	87
20) Methylene Chloride	4.704	84	11844	Below Cal		97
25) 2-Butanone	6.966	43	3790	2.425	ug/l #	77
26) 2,2-Dichloropropane	6.972	77	5458	1.304	ug/l #	54
31) Cyclohexane	7.789	56	4801	1.024	ug/l #	4
36) 1,1-Dichloropropene	7.783	75	19830	4.755	ug/l #	50
38) Carbon Tetrachloride	7.789	117	24729	5.742	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	89795	37.950	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	89795	83.714	ug/l #	11

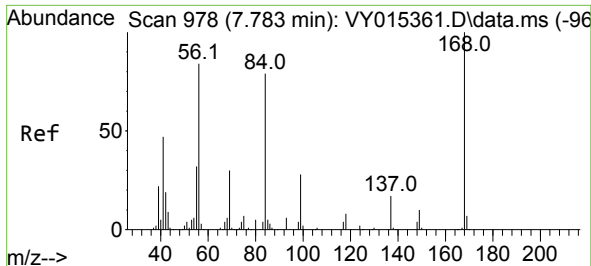
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 12 01:16:16 2023
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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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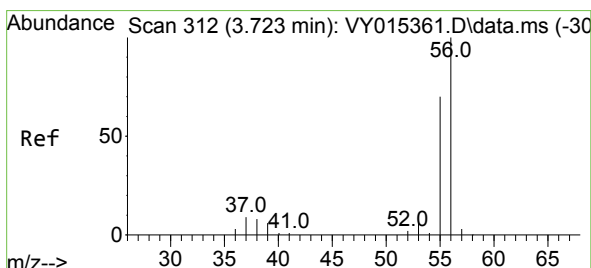
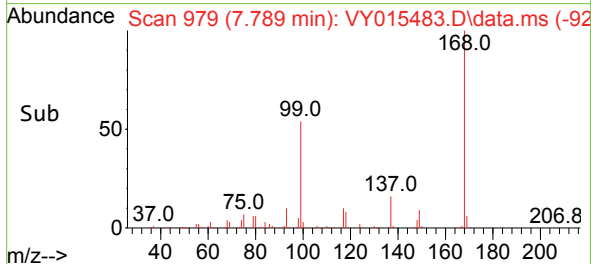
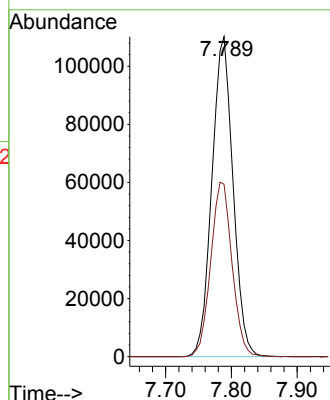
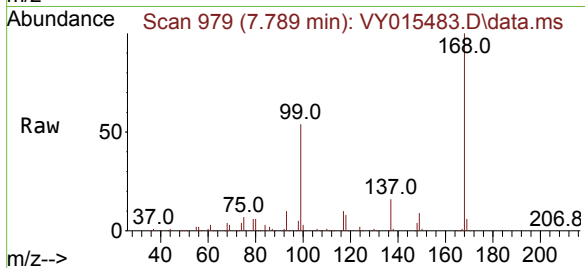




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015483.D
Acq: 11 Sep 2023 12:20

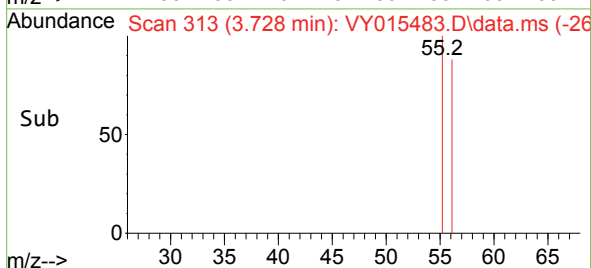
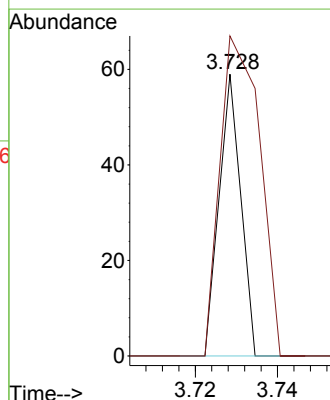
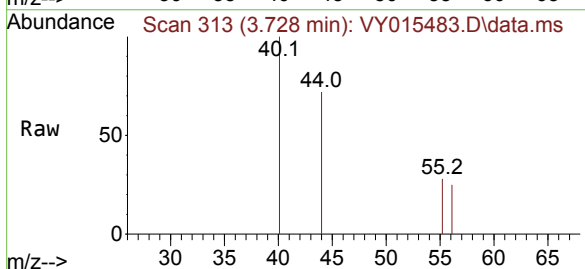
Instrument :
MSVOA_Y
ClientSampleId :

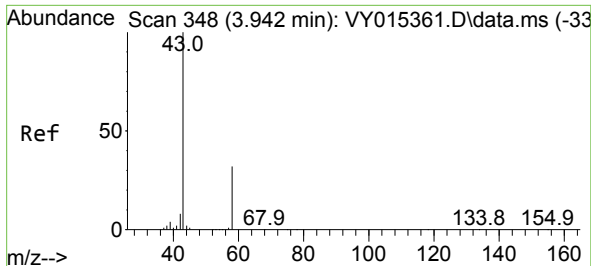
Tgt Ion:168 Resp: 246238
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#13
Acrolein
Concen: 11.674 ug/l
RT: 3.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: VY015483.D
Acq: 11 Sep 2023 12:20

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 204.5 57.0 85.4#





#16

Acetone

Concen: 2.004 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

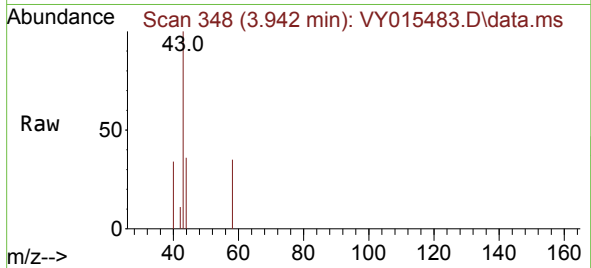
Lab File: VY015483.D

Acq: 11 Sep 2023 12:20

Instrument :

MSVOA_Y

ClientSampleId :

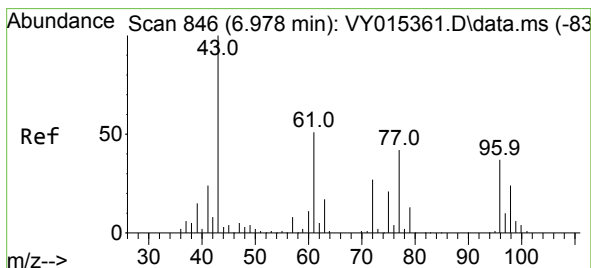
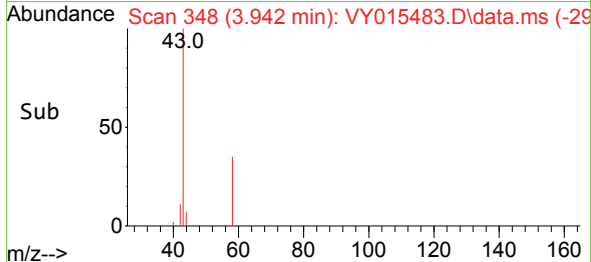
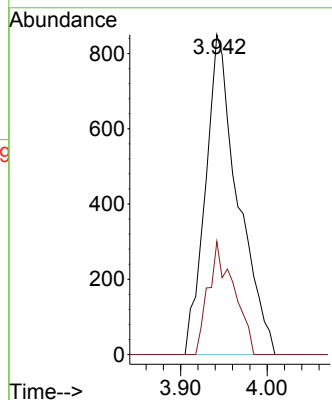


Tgt Ion: 43 Resp: 2208

Ion Ratio Lower Upper

43 100

58 35.3 22.7 34.1#



#25

2-Butanone

Concen: 2.425 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY015483.D

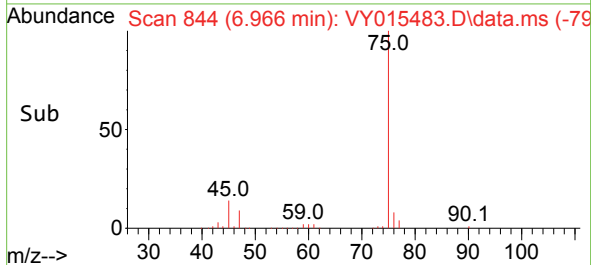
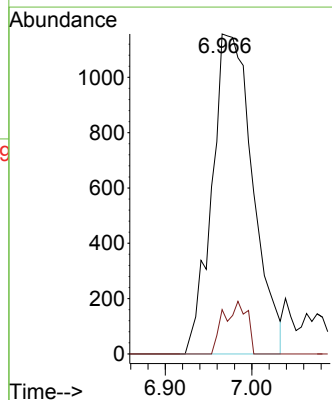
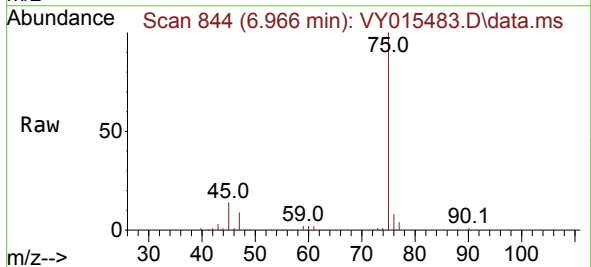
Acq: 11 Sep 2023 12:20

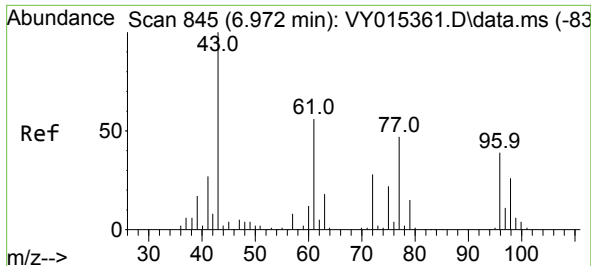
Tgt Ion: 43 Resp: 3790

Ion Ratio Lower Upper

43 100

72 13.8 20.5 30.7#

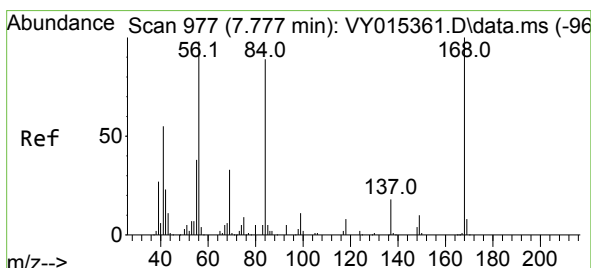
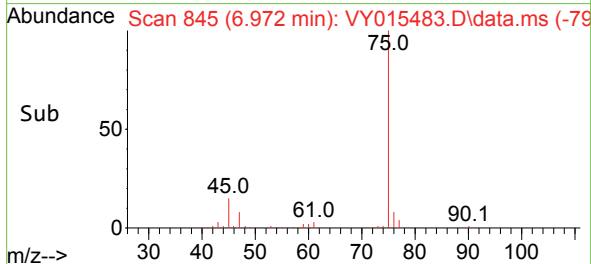
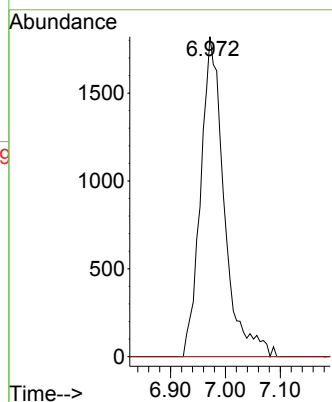
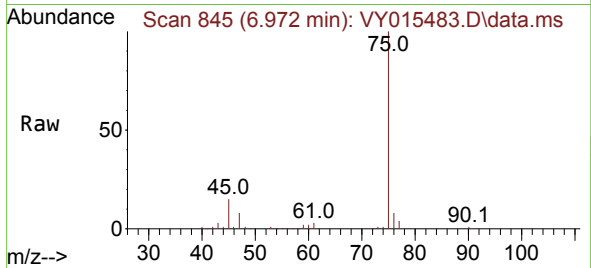




#26
2,2-Dichloropropane
Concen: 1.304 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015483.D
Acq: 11 Sep 2023 12:20

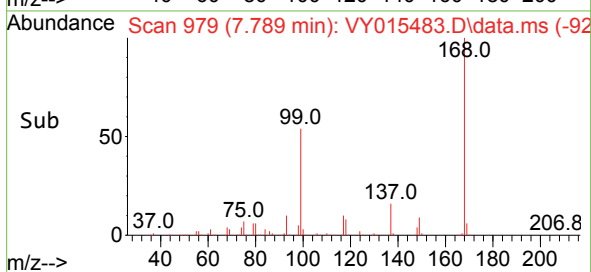
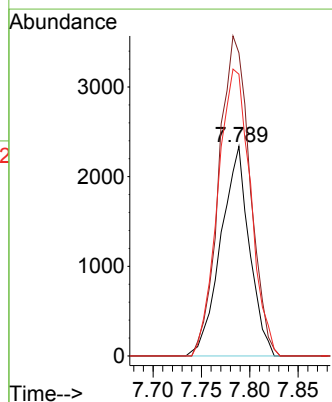
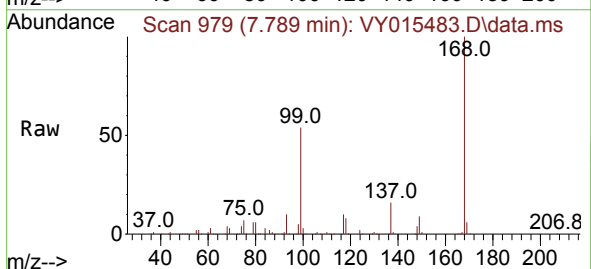
Instrument :
MSVOA_Y
ClientSampleId :

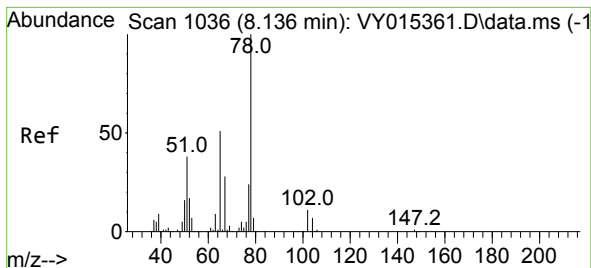
Tgt Ion: 77 Resp: 5458
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015483.D
Acq: 11 Sep 2023 12:20

Tgt Ion: 56 Resp: 4801
Ion Ratio Lower Upper
56 100
69 144.6 27.8 41.6#
84 134.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.628 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015483.D

Acq: 11 Sep 2023 12:20

Instrument :

MSVOA_Y

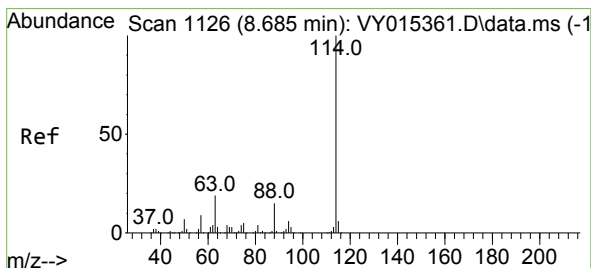
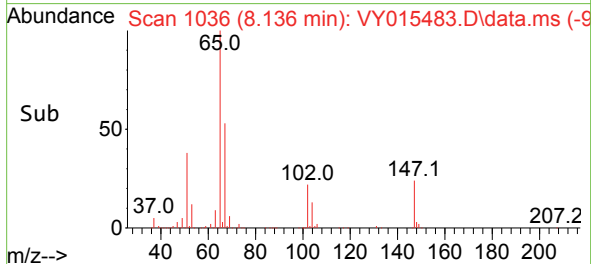
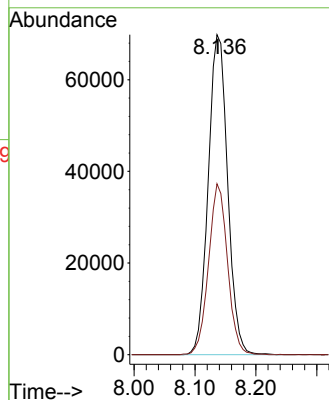
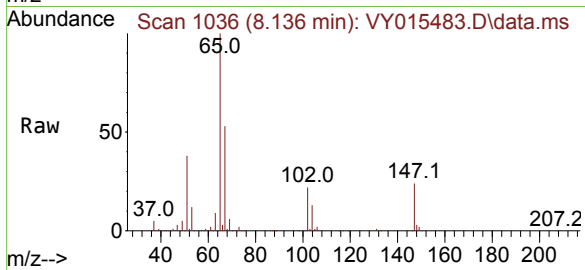
ClientSampleId :

Tgt Ion: 65 Resp: 154756

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015483.D

Acq: 11 Sep 2023 12:20

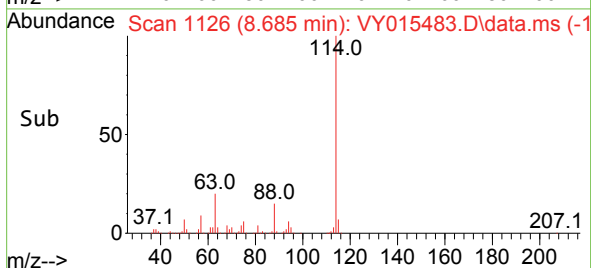
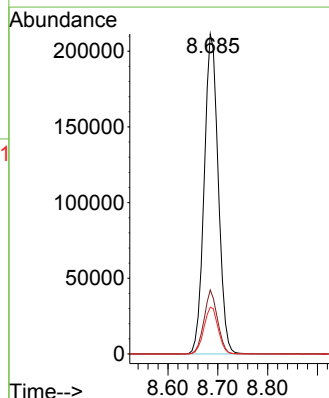
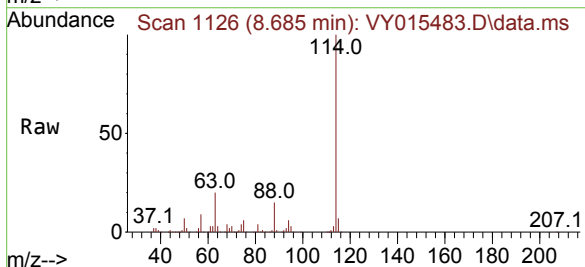
Tgt Ion: 114 Resp: 412329

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 14.6 0.0 30.6

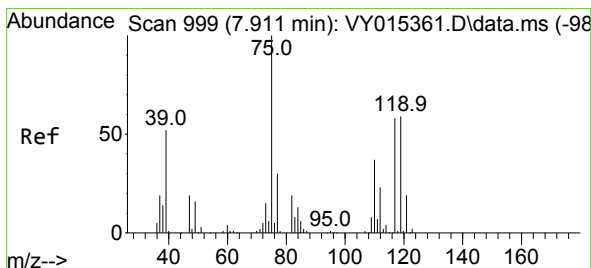
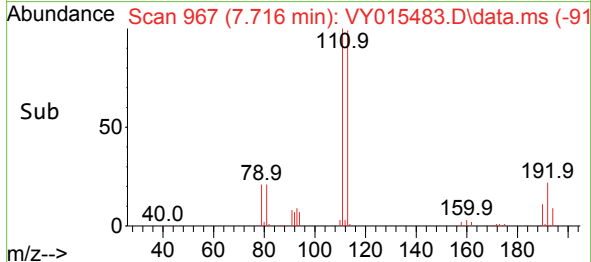
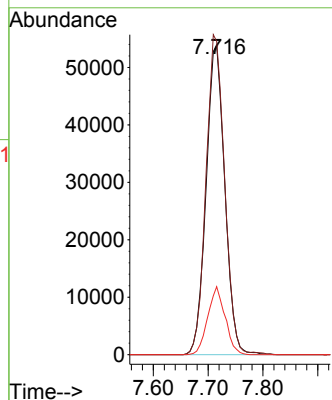
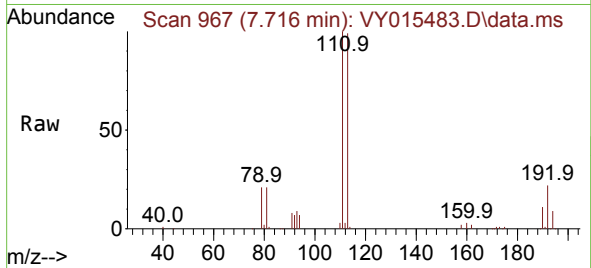




#35
Dibromofluoromethane
Concen: 53.746 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015483.D
Acq: 11 Sep 2023 12:20

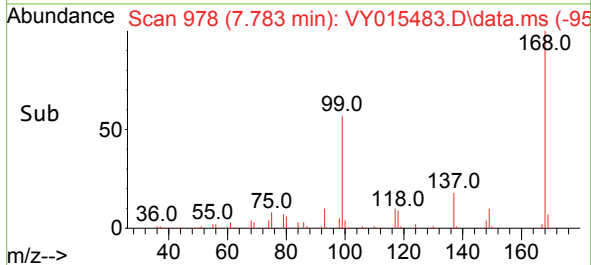
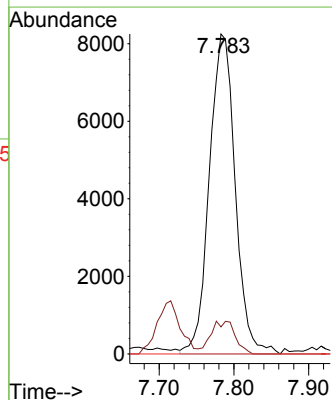
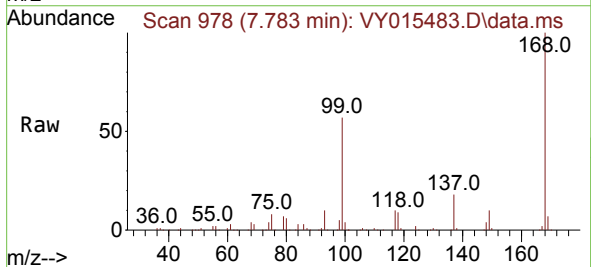
Instrument :
MSVOA_Y
ClientSampleId :

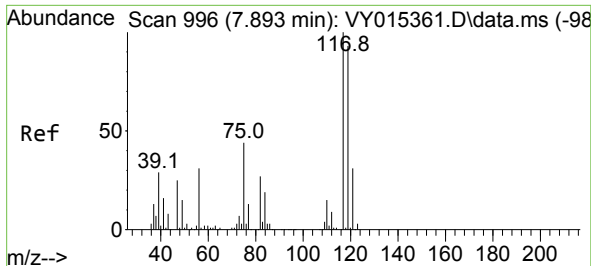
Tgt Ion:113 Resp: 127642
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.755 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015483.D
Acq: 11 Sep 2023 12:20

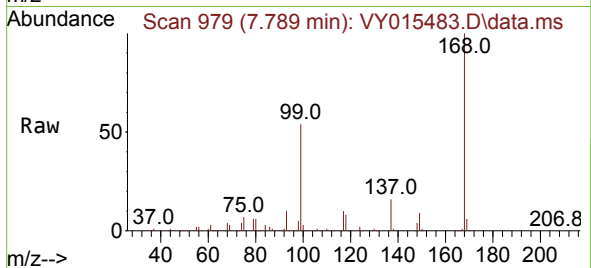
Tgt Ion: 75 Resp: 19830
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#



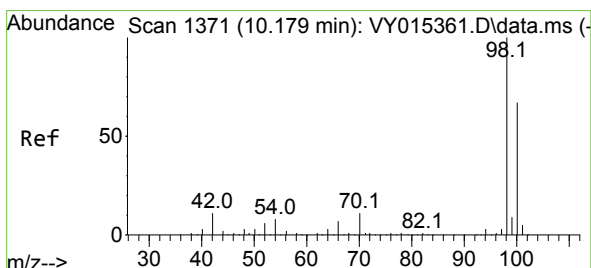
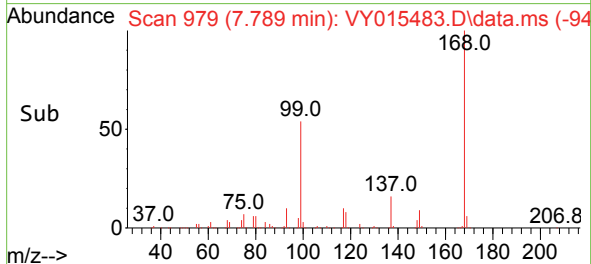
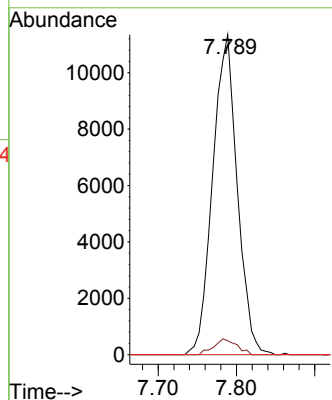


#38
Carbon Tetrachloride
Concen: 5.742 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015483.D
Acq: 11 Sep 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :

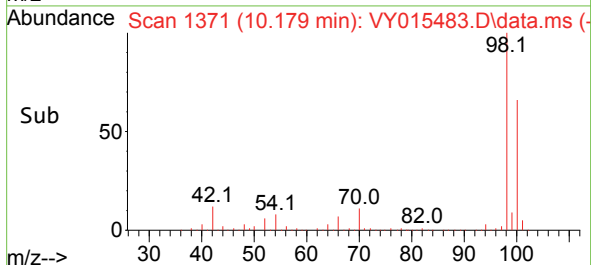
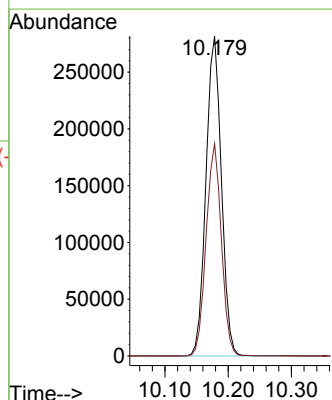
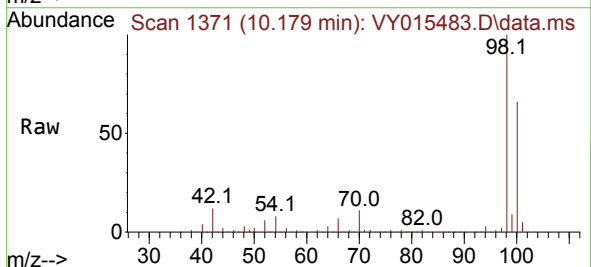


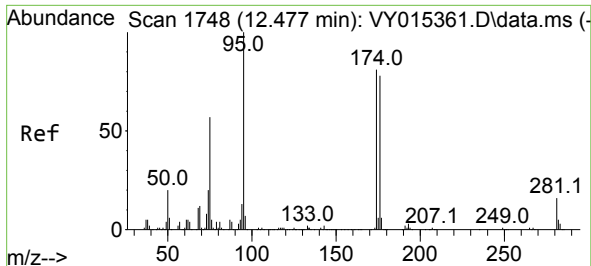
Tgt Ion:117 Resp: 24729
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.558 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015483.D
Acq: 11 Sep 2023 12:20

Tgt Ion: 98 Resp: 477830
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

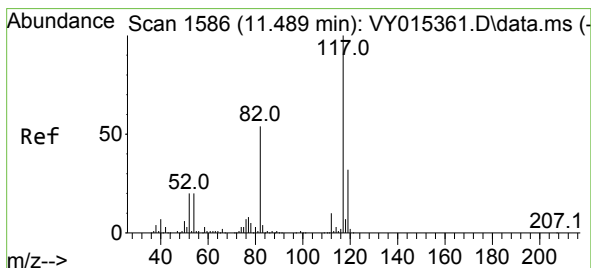
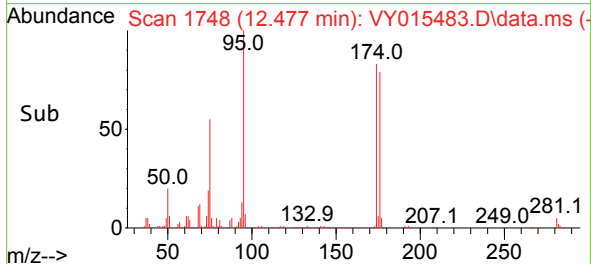
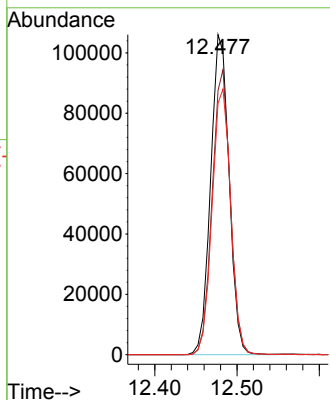
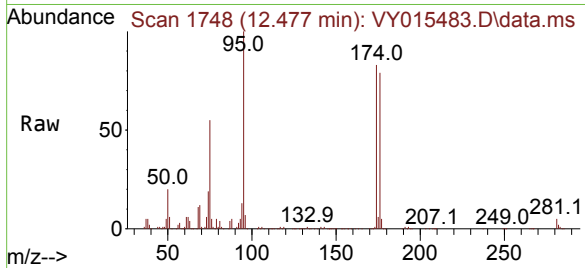




#62
4-Bromofluorobenzene
Concen: 51.555 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015483.D
Acq: 11 Sep 2023 12:20

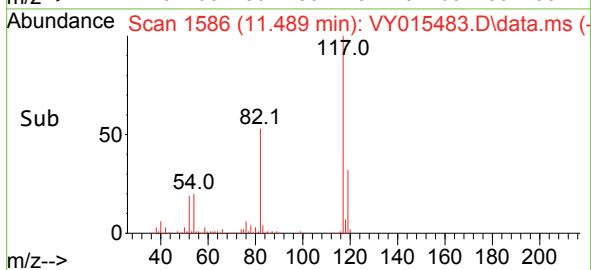
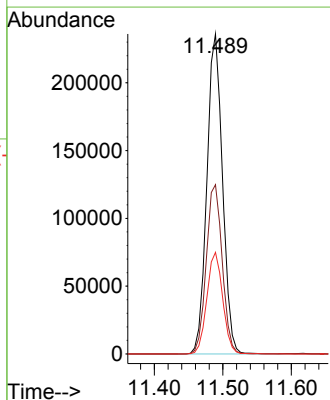
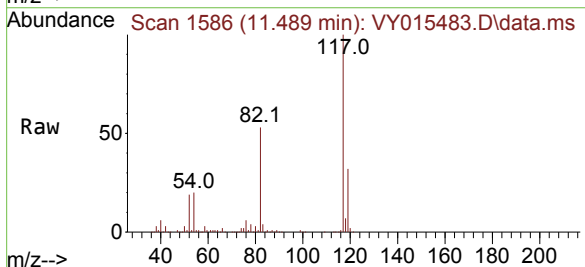
Instrument :
MSVOA_Y
ClientSampleId :

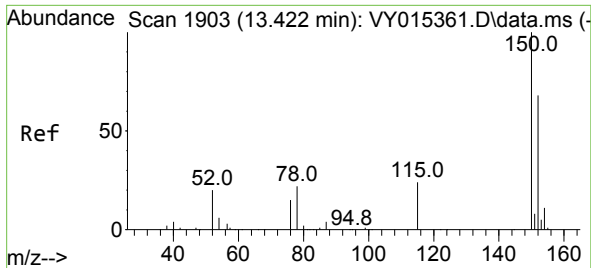
Tgt Ion: 95 Resp: 164607
Ion Ratio Lower Upper
95 100
174 87.8 0.0 178.2
176 84.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015483.D
Acq: 11 Sep 2023 12:20

Tgt Ion: 117 Resp: 373997
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.8 26.3 39.5

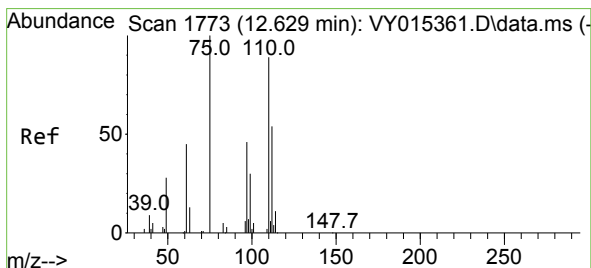
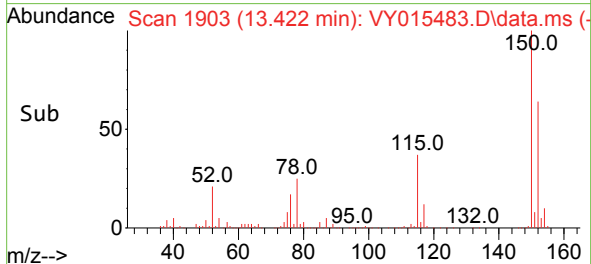
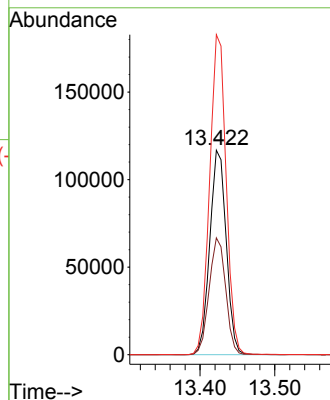
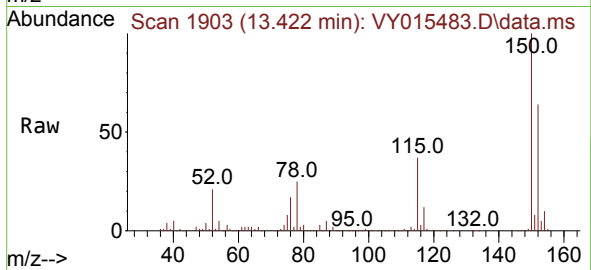




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015483.D
 Acq: 11 Sep 2023 12:20

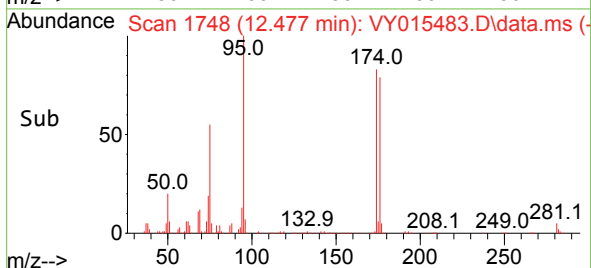
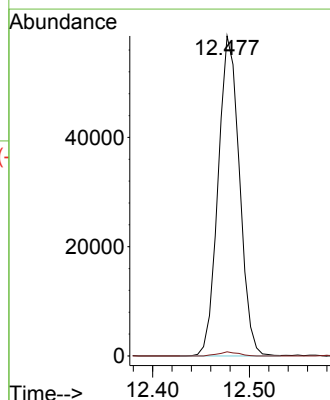
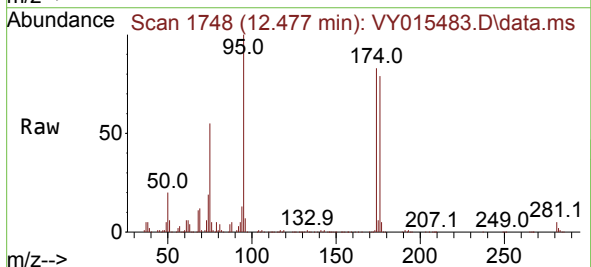
Instrument :
 MSVOA_Y
 ClientSampleId :

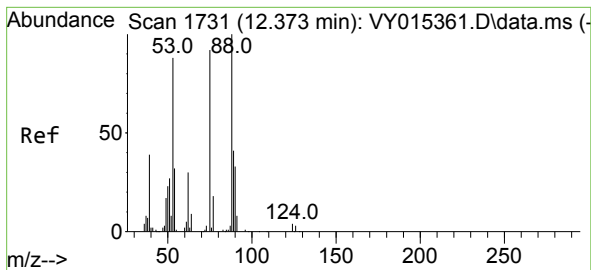
Tgt Ion:152 Resp: 178426
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.8 86.5
 150 156.6 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.950 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY015483.D
 Acq: 11 Sep 2023 12:20

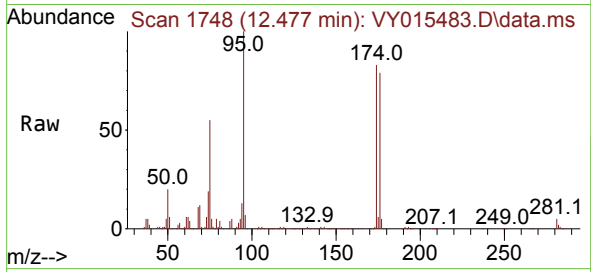
Tgt Ion: 75 Resp: 89795
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.714 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY015483.D
Acq: 11 Sep 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :



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

