

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015420.D
 Acq On : 01 Sep 2023 17:05
 Operator : SY/MD
 Sample : 0428-02
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Sep 01 23:43:53 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)

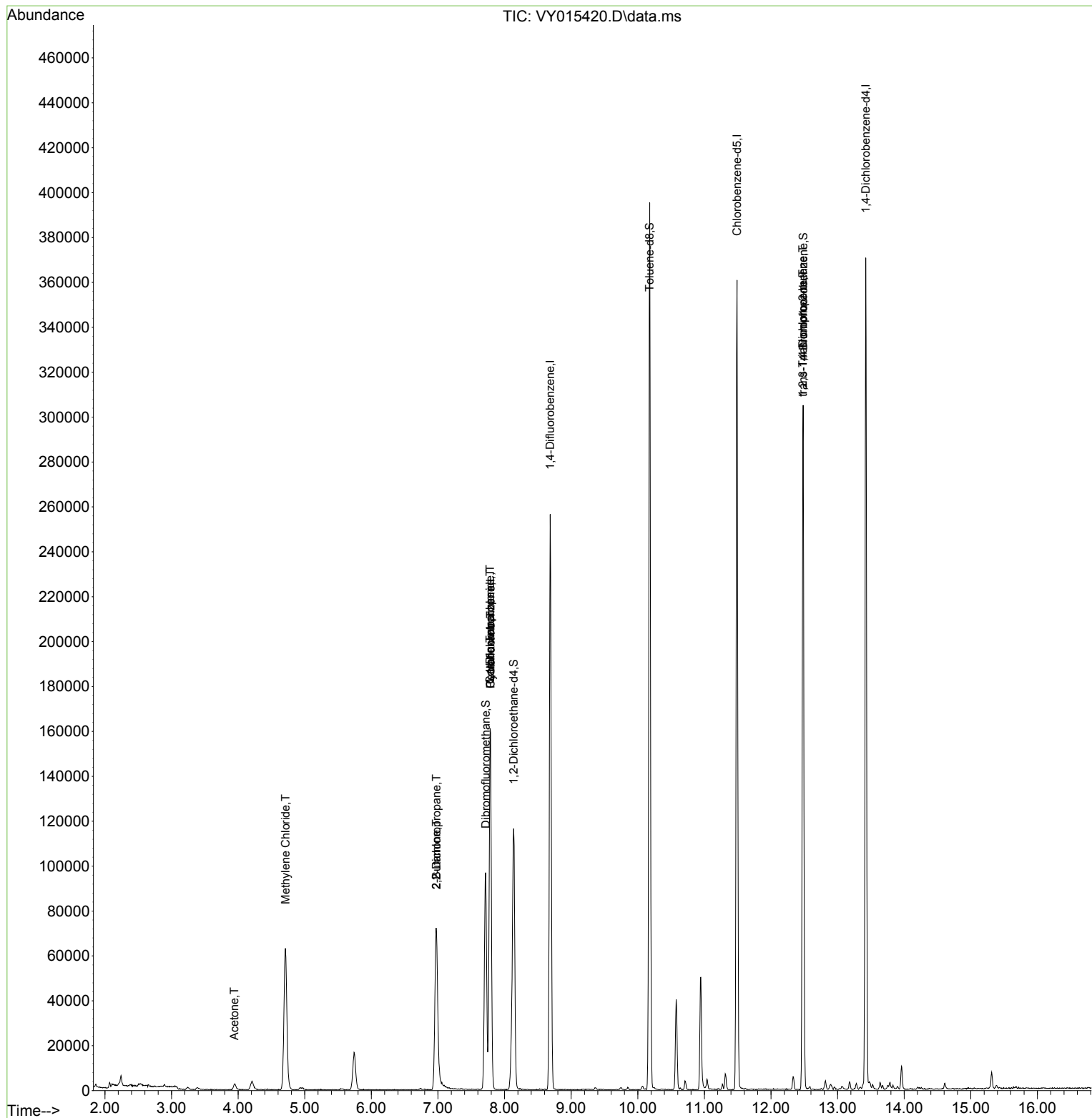
Internal Standards						
1) Pentafluorobenzene	7.789	168	126034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	84845	62.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.600%	
35) Dibromofluoromethane	7.716	113	67943	55.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.179	98	249258	56.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.600%	
62) 4-Bromofluorobenzene	12.483	95	84892	51.654	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	2004	Below Cal	#	95
16) Acetone	3.942	43	4594	8.146	ug/l	96
20) Methylene Chloride	4.710	84	47355	22.259	ug/l	93
25) 2-Butanone	6.978	43	4361	5.452	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	5488	2.562	ug/l #	54
31) Cyclohexane	7.789	56	2702	1.126	ug/l #	9
36) 1,1-Dichloropropene	7.783	75	10515	4.899	ug/l #	49
38) Carbon Tetrachloride	7.783	117	13212	5.960	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	46492	37.869	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46492	83.535	ug/l #	11

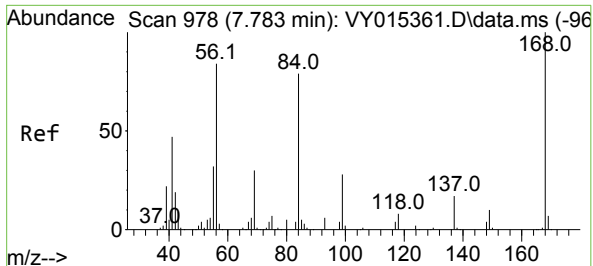
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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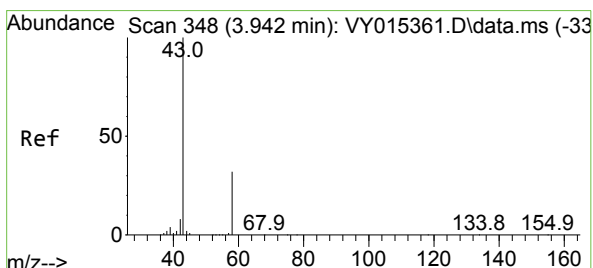
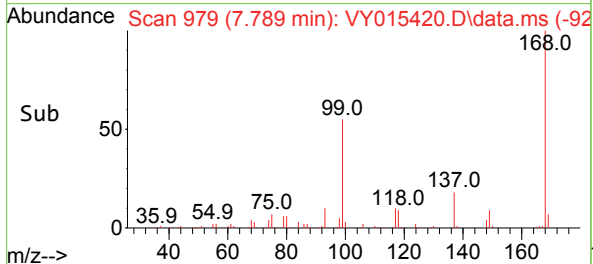
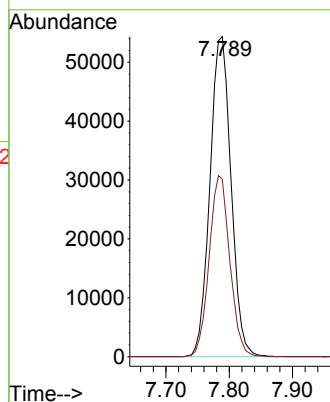
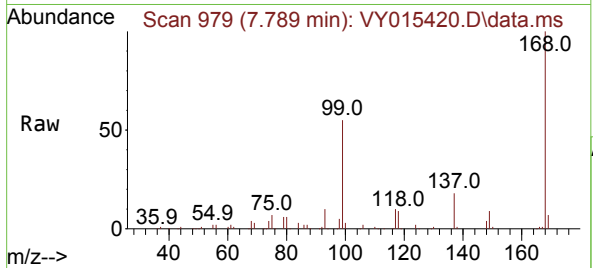




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

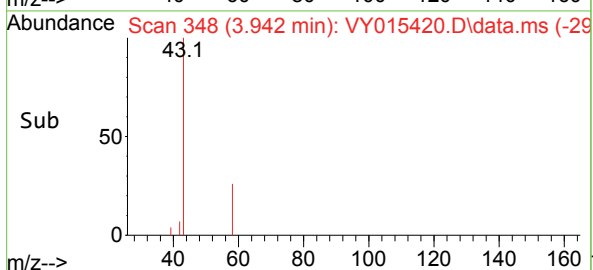
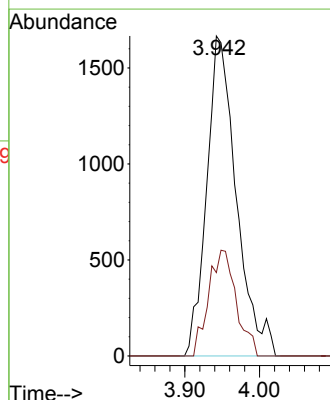
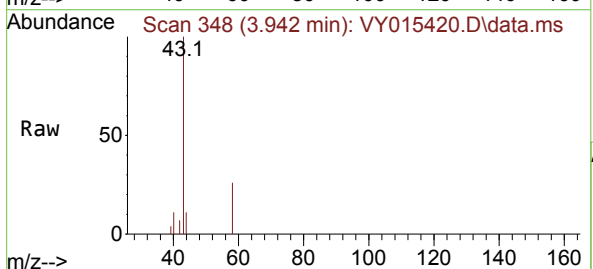
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

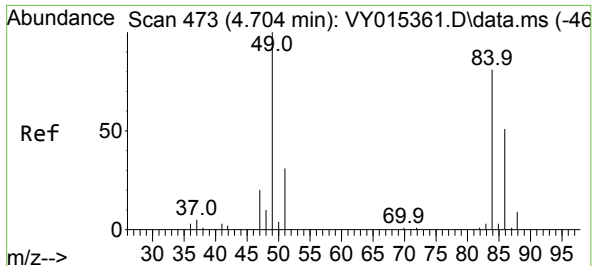
Tgt Ion:168 Resp: 126034
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#16
Acetone
Concen: 8.146 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

Tgt Ion: 43 Resp: 4594
Ion Ratio Lower Upper
43 100
58 26.0 22.7 34.1

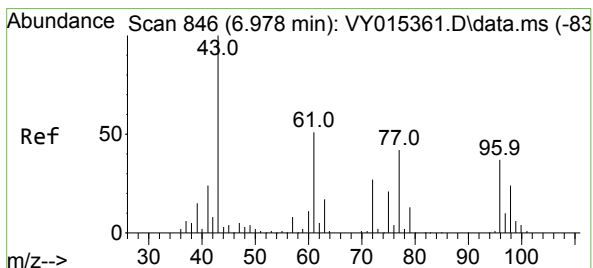
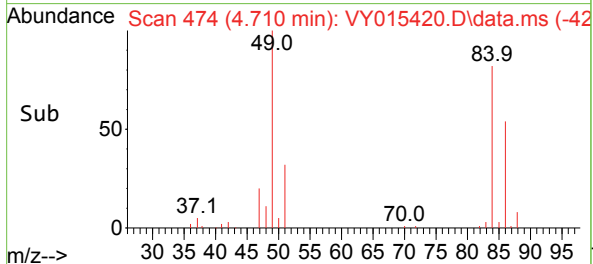
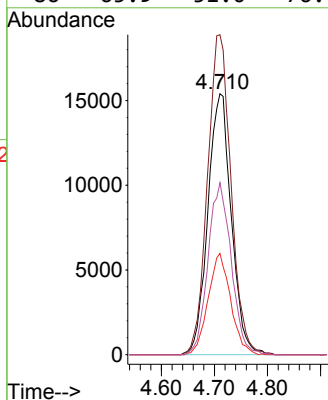
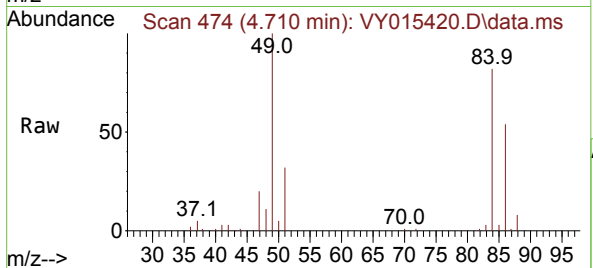




#20
Methylene Chloride
Concen: 22.259 ug/l
RT: 4.710 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

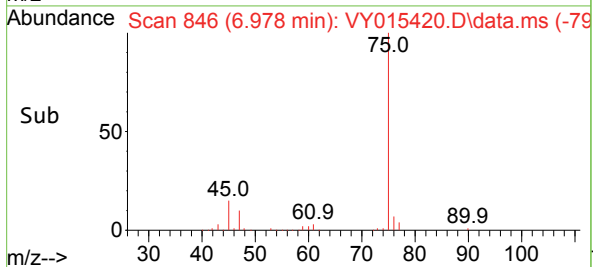
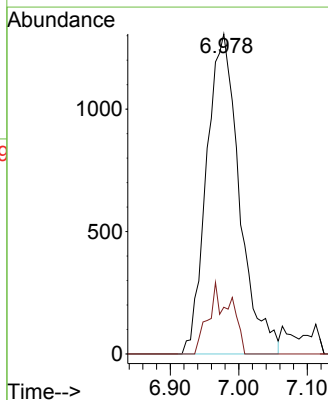
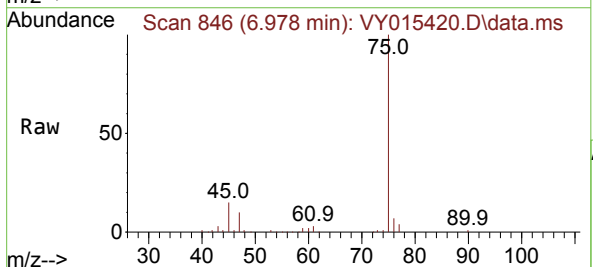
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

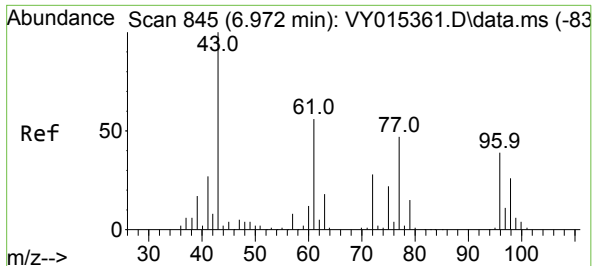
Tgt Ion: 84	Resp: 47355		
Ion	Ratio	Lower	Upper
84	100		
49	122.6	106.9	160.3
51	38.8	33.2	49.8
86	65.9	51.0	76.6



#25
2-Butanone
Concen: 5.452 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

Tgt Ion: 43	Resp: 4361		
Ion Ratio	Lower	Upper	
43 100			
72 14.6	20.5	30.7#	





#26

2,2-Dichloropropane

Concen: 2.562 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY015420.D

Acq: 01 Sep 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

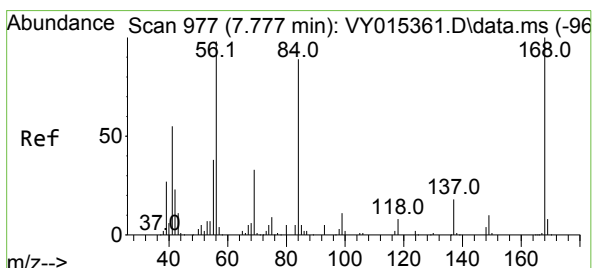
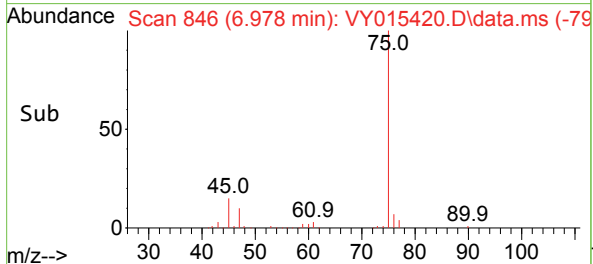
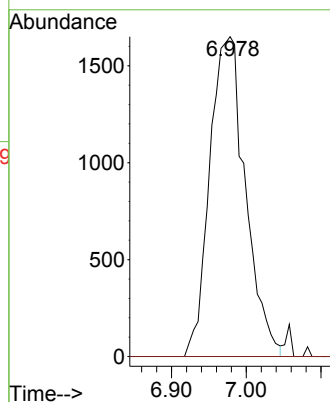
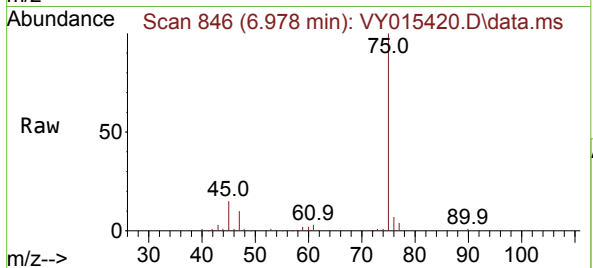
SB-2

Tgt Ion: 77 Resp: 5488

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.126 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015420.D

Acq: 01 Sep 2023 17:05

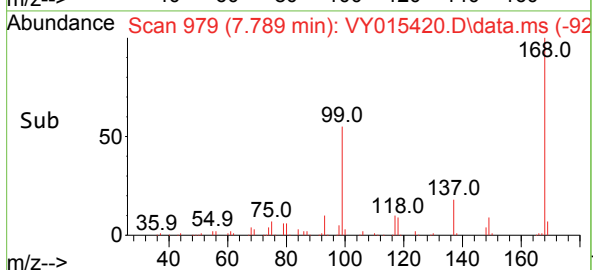
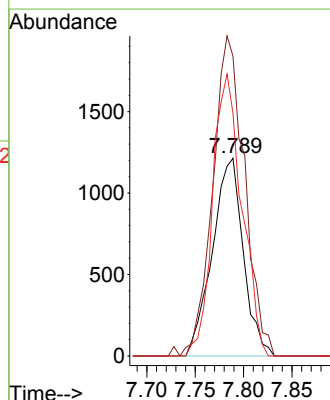
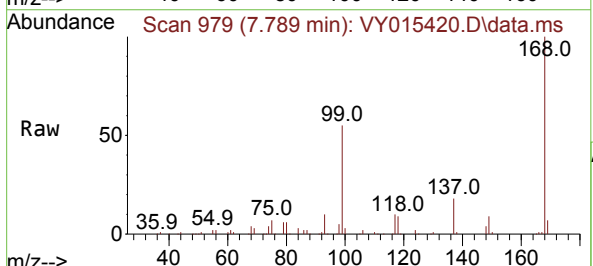
Tgt Ion: 56 Resp: 2702

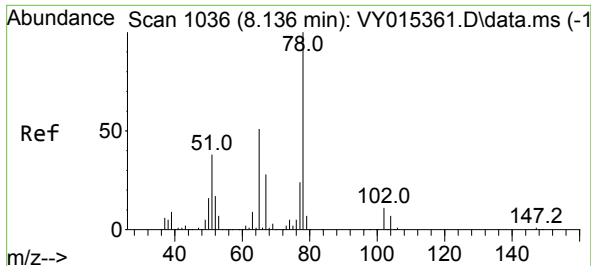
Ion Ratio Lower Upper

56 100

69 151.6 27.8 41.6#

84 122.8 66.4 99.6#

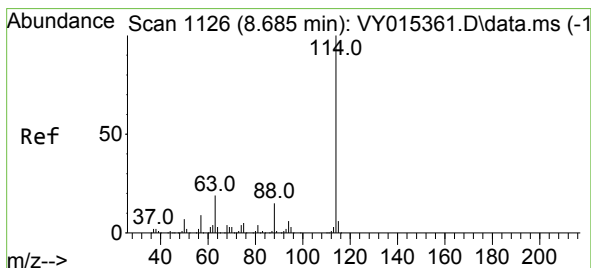
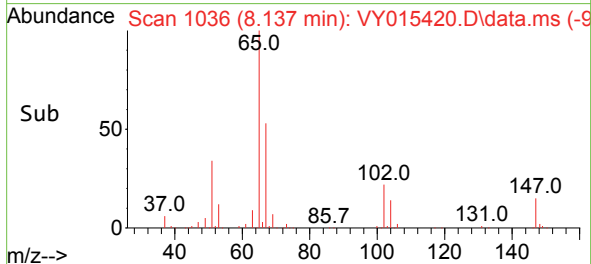
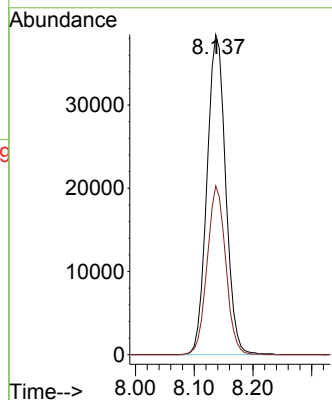
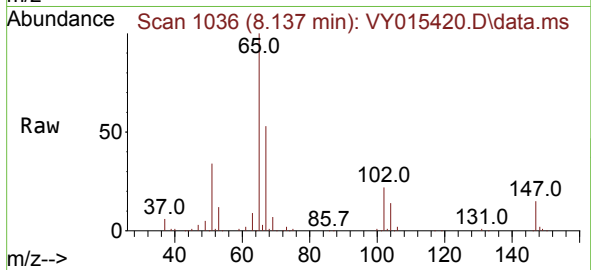




#33
 1,2-Dichloroethane-d4
 Concen: 62.799 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015420.D
 Acq: 01 Sep 2023 17:05

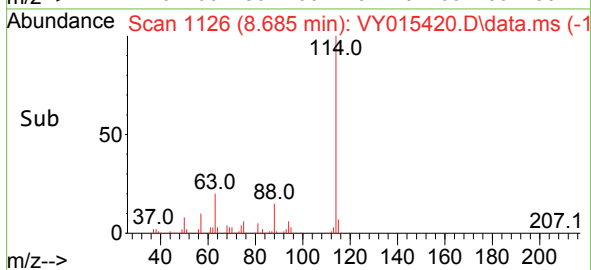
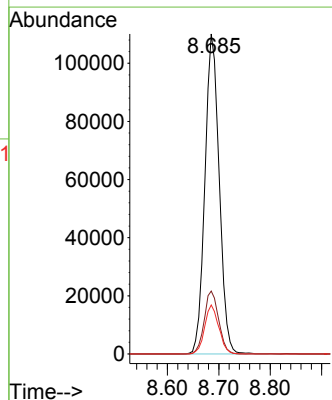
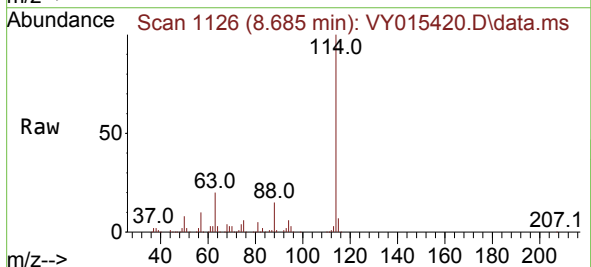
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Tgt Ion: 65 Resp: 84845
 Ion Ratio Lower Upper
 65 100
 67 52.5 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: VY015420.D
 Acq: 01 Sep 2023 17:05

Tgt Ion:114 Resp: 212243
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.3 0.0 30.6

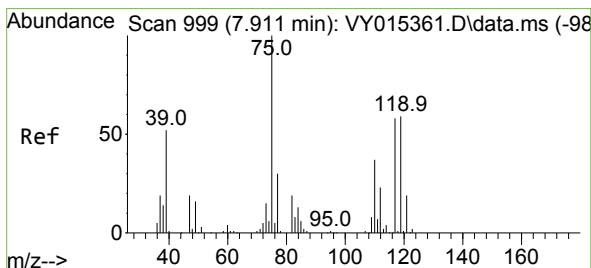
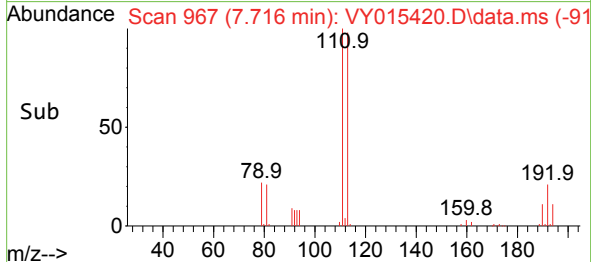
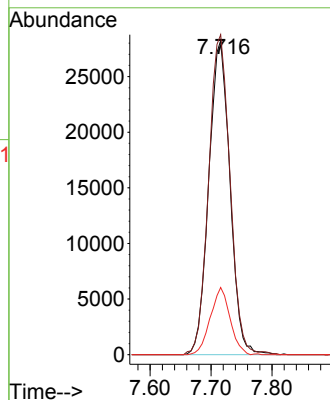
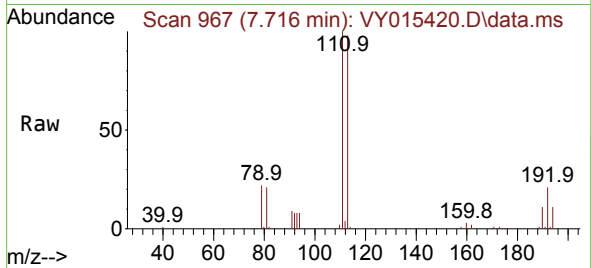




#35
Dibromofluoromethane
Concen: 55.578 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

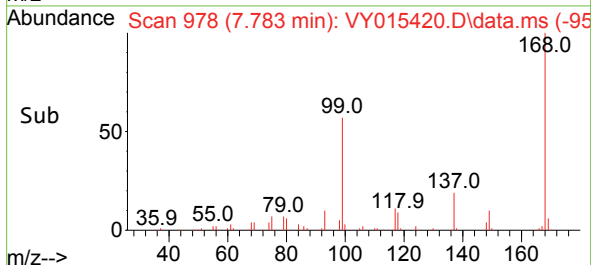
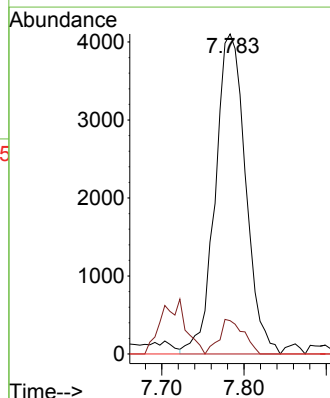
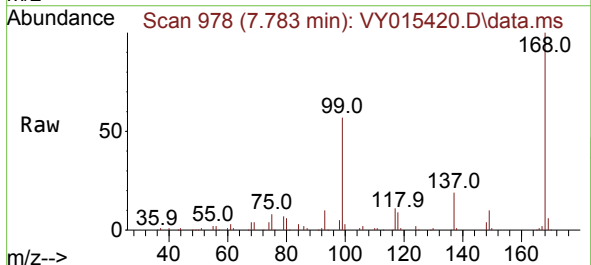
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

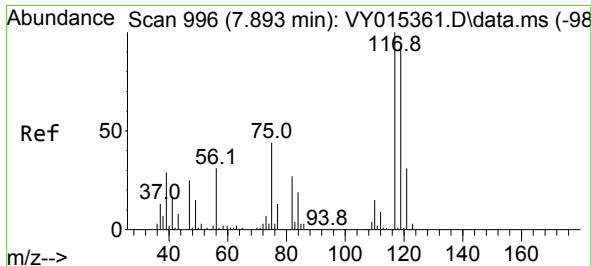
Tgt Ion:113 Resp: 67943
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

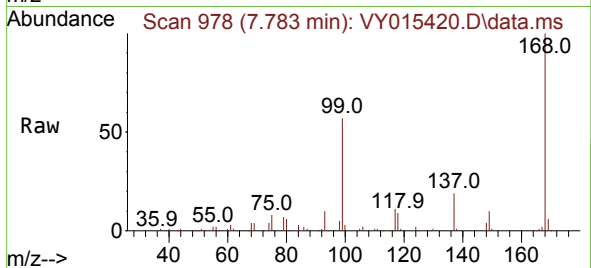
Tgt Ion: 75 Resp: 10515
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.5#
77 0.0 24.4 36.6#



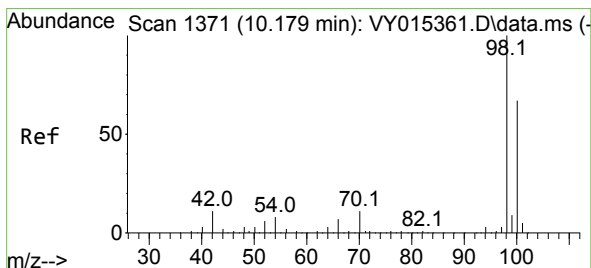
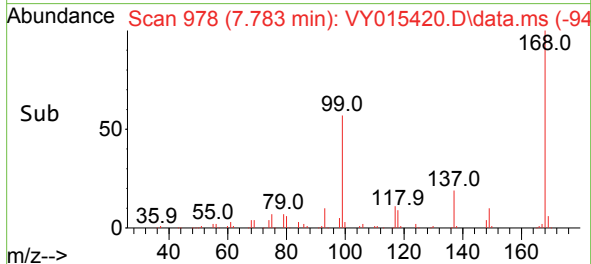
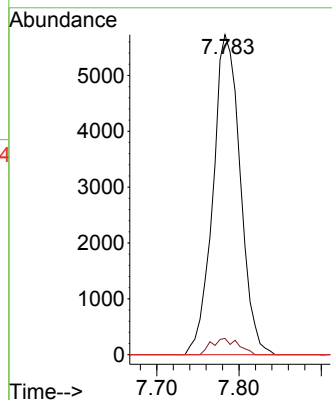


#38
Carbon Tetrachloride
Concen: 5.960 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

Instrument :
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ClientSampleId :
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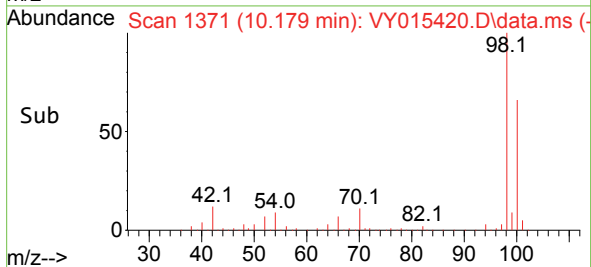
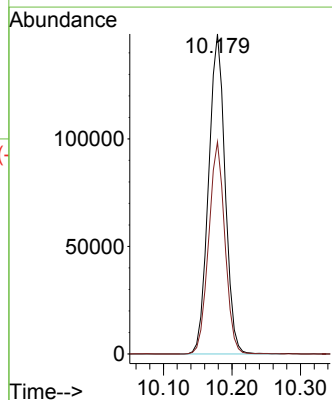
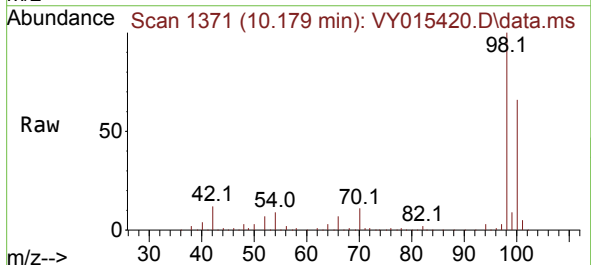


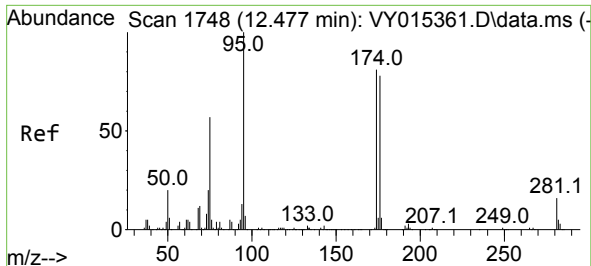
Tgt Ion:117 Resp: 13212
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.304 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

Tgt Ion: 98 Resp: 249258
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

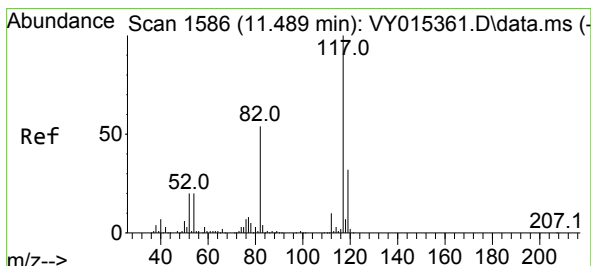
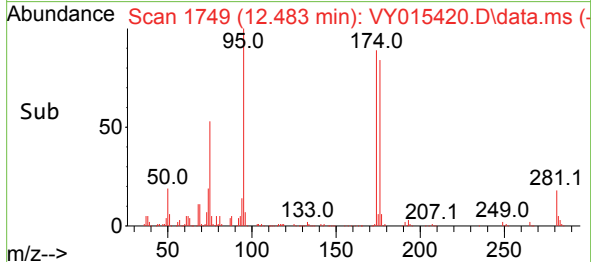
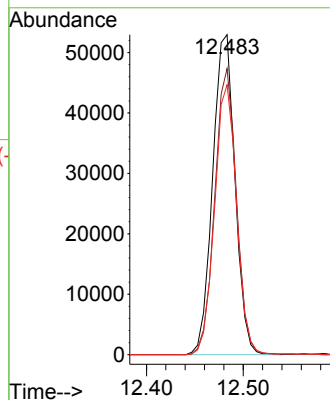
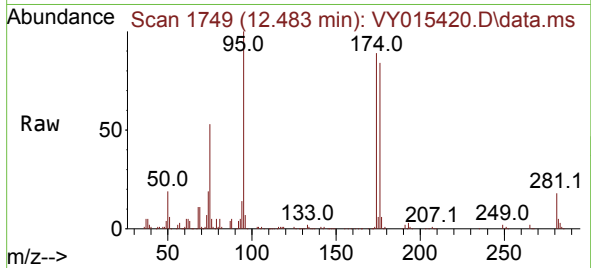




#62
4-Bromofluorobenzene
Concen: 51.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

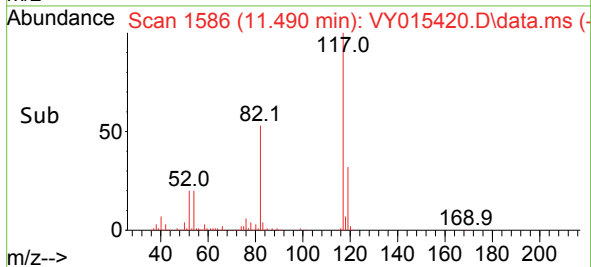
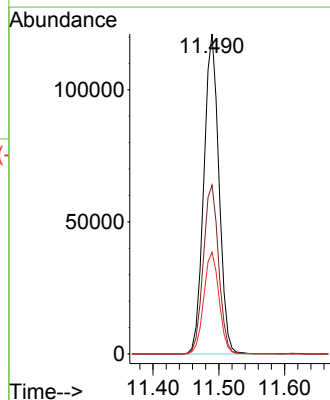
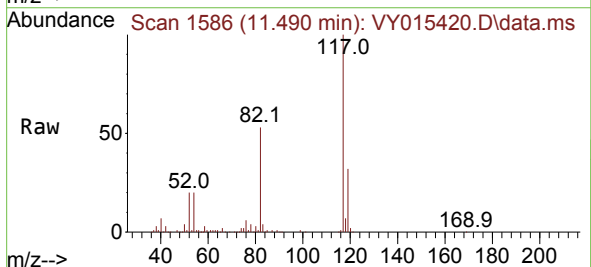
Instrument :
MSVOA_Y
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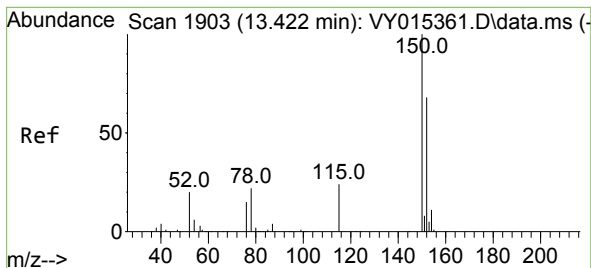
Tgt Ion: 95 Resp: 84892
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

Tgt Ion: 117 Resp: 193627
Ion Ratio Lower Upper
117 100
82 52.8 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: VY015420.D

Acq: 01 Sep 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

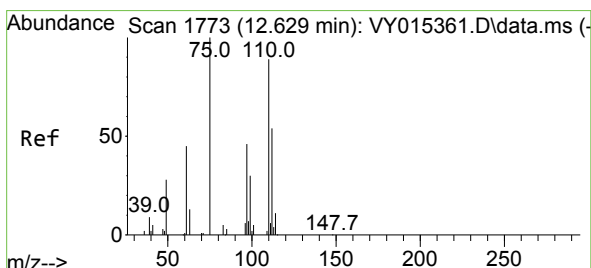
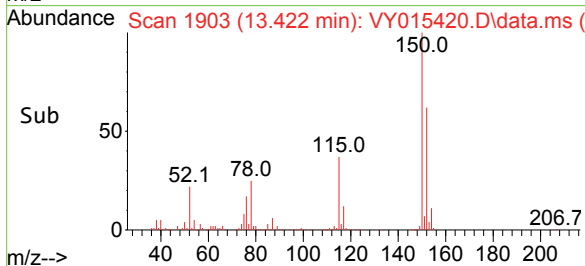
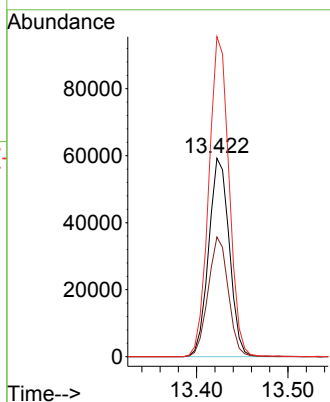
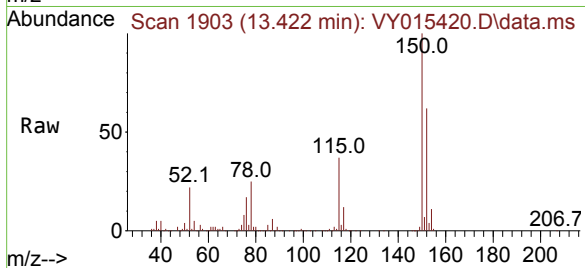
Tgt Ion:152 Resp: 92580

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 158.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.869 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015420.D

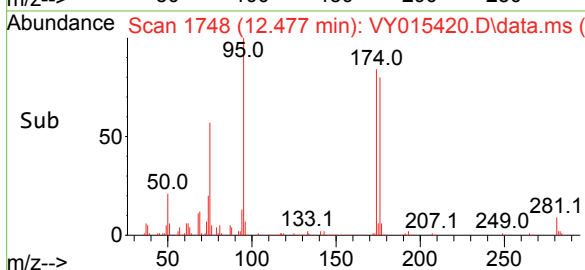
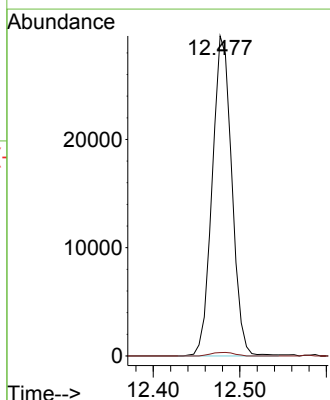
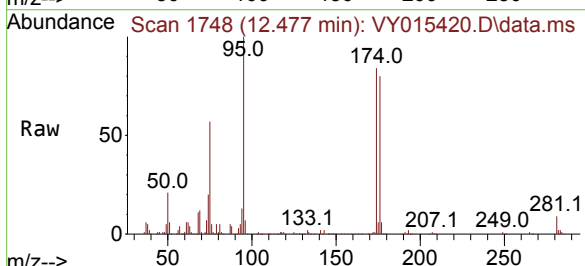
Acq: 01 Sep 2023 17:05

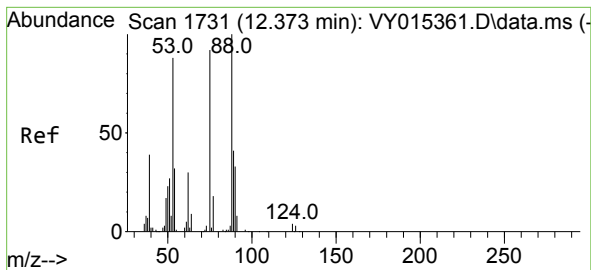
Tgt Ion: 75 Resp: 46492

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.535 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015420.D
 Acq: 01 Sep 2023 17:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Tgt Ion: 75 Resp: 46492
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

