

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014782.D
 Acq On : 24 Jul 2023 19:04
 Operator : SY/MD
 Sample : 03719-06
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P23B

Quant Time: Jul 25 01:32:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

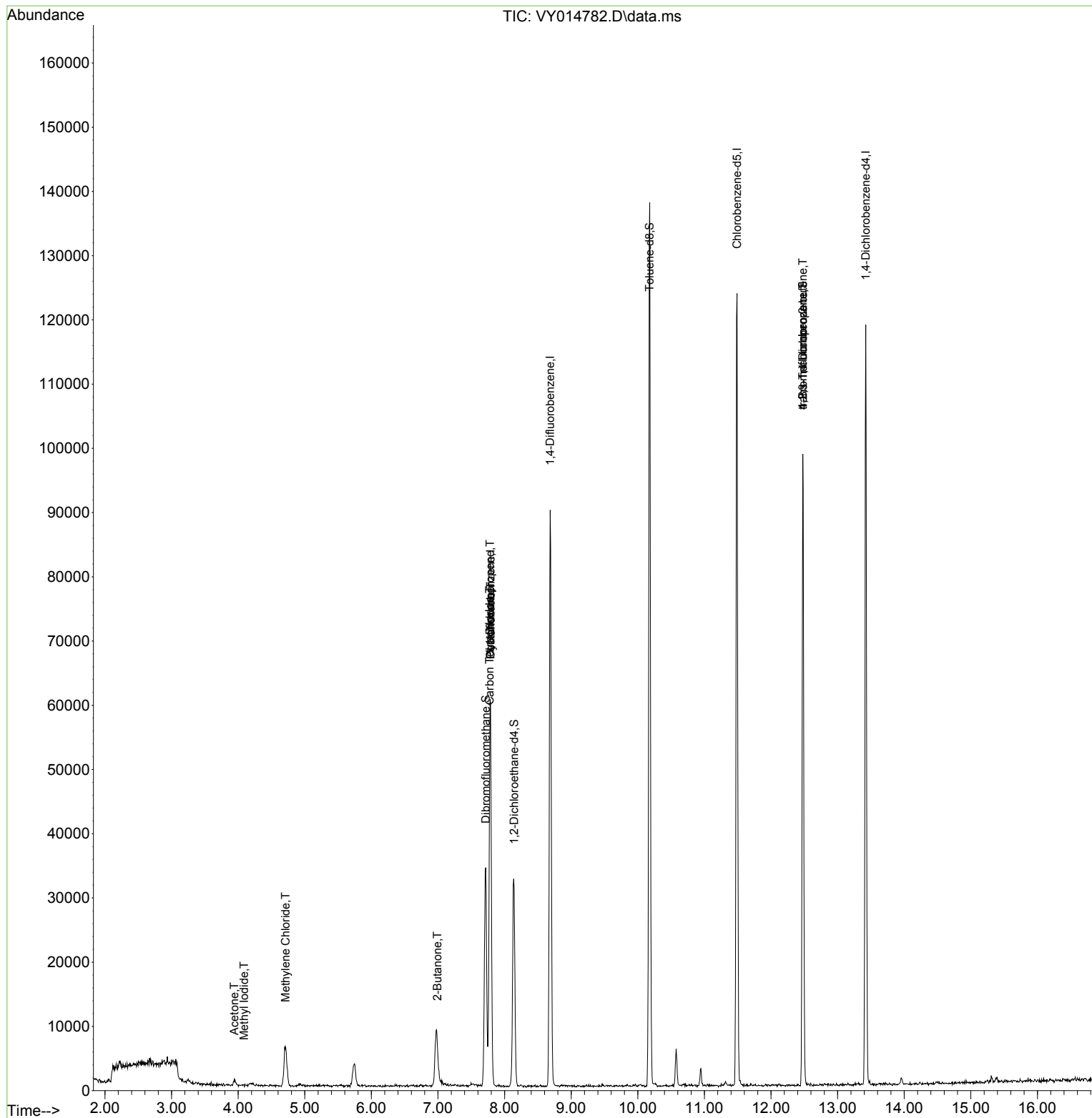
Internal Standards						
1) Pentafluorobenzene	7.789	168	47952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	79334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	69030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	25999	47.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.160%
35) Dibromofluoromethane	7.716	113	24430	48.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.179	98	91163	48.962	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.477	95	31053	43.496	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.000%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	91	2.531	ug/l #	38
11) Tert butyl alcohol	4.936	59	239	Below Cal	#	89
16) Acetone	3.942	43	1394	8.050	ug/l #	73
20) Methylene Chloride	4.710	84	4770	4.650	ug/l #	84
25) 2-Butanone	6.990	43	1009	3.983	ug/l #	49
31) Cyclohexane	7.789	56	992	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	3793	5.022	ug/l #	50
38) Carbon Tetrachloride	7.777	117	4834	6.055	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	16271	42.122	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16271	81.556	ug/l #	10

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

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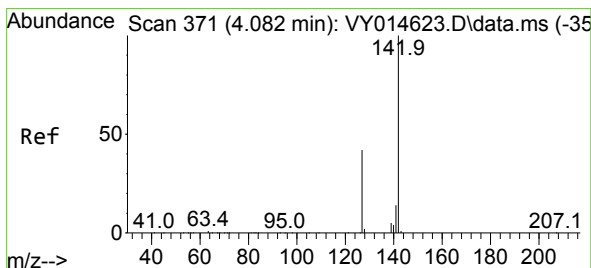
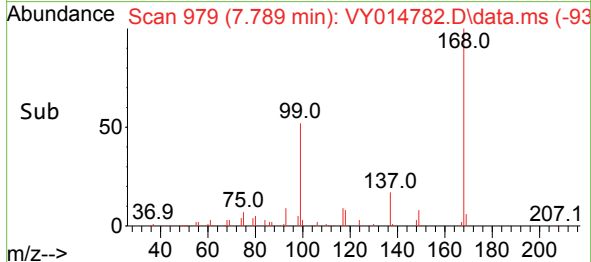
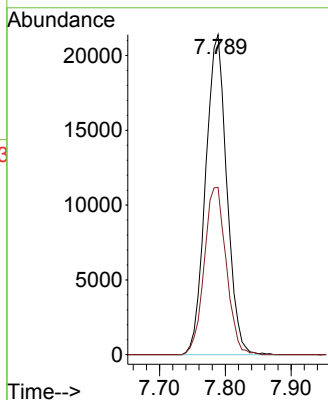
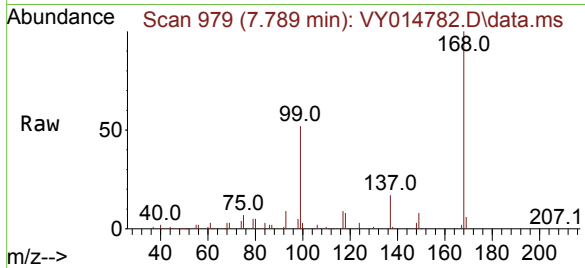




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

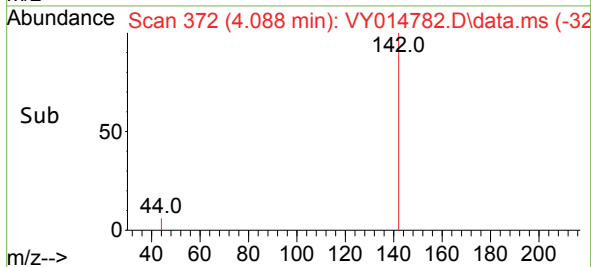
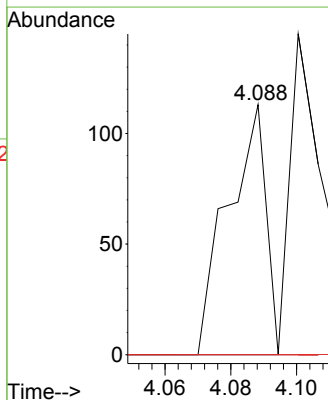
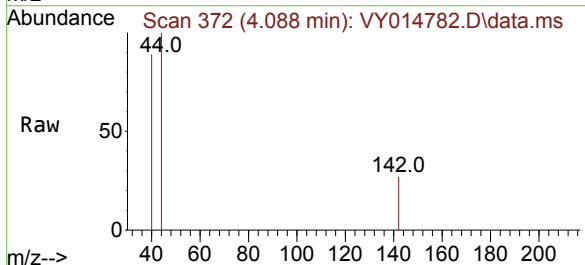
Instrument :
MSVOA_Y
ClientSampleId :
B-P23B

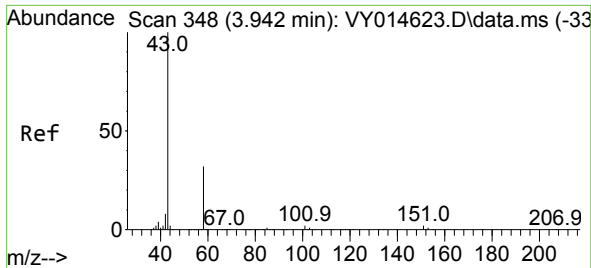
Tgt Ion:168 Resp: 47952
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#10
Methyl Iodide
Concen: 2.531 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

Tgt Ion:142 Resp: 91
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 8.050 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY014782.D

Acq: 24 Jul 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

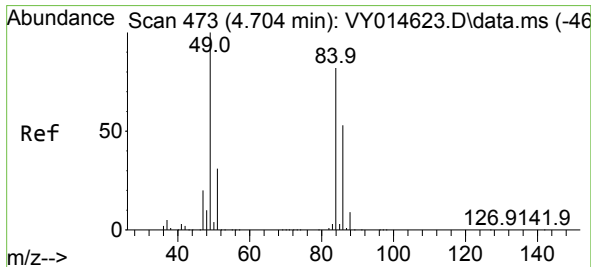
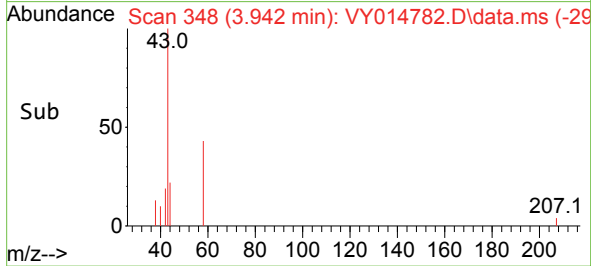
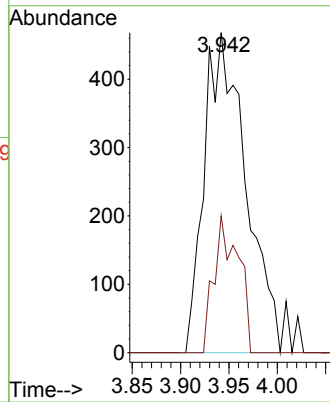
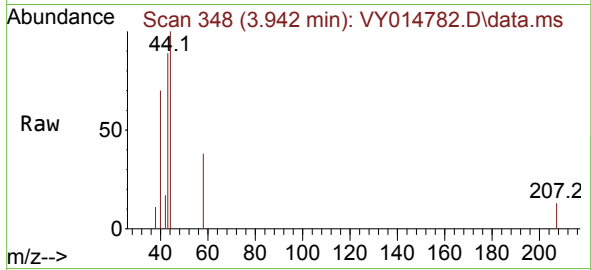
B-P23B

Tgt Ion: 43 Resp: 1394

Ion Ratio Lower Upper

43 100

58 42.7 22.7 34.1#



#20

Methylene Chloride

Concen: 4.650 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY014782.D

Acq: 24 Jul 2023 19:04

Tgt Ion: 84 Resp: 4770

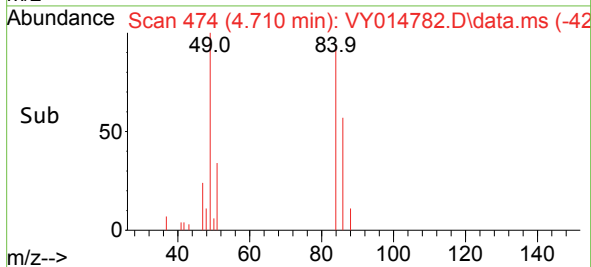
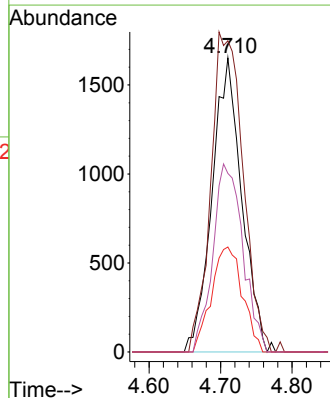
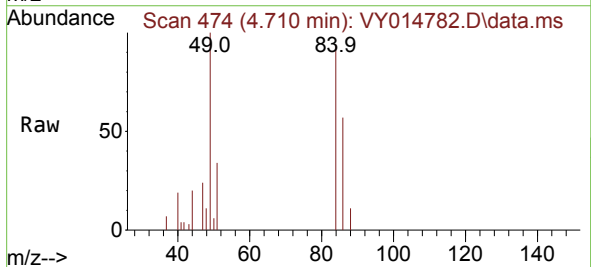
Ion Ratio Lower Upper

84 100

49 105.9 106.9 160.3#

51 35.7 33.2 49.8

86 60.7 51.0 76.6

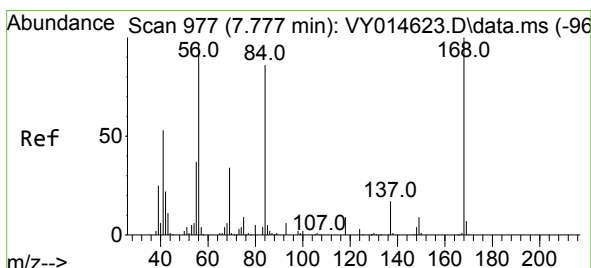
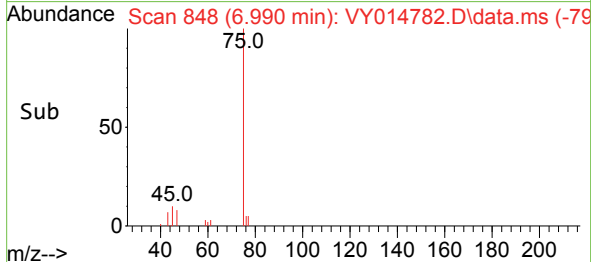
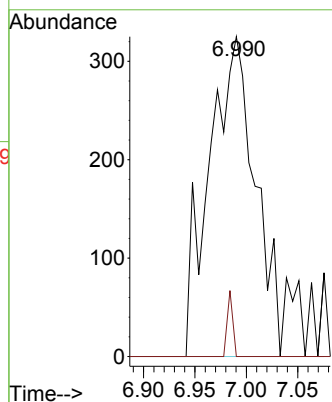
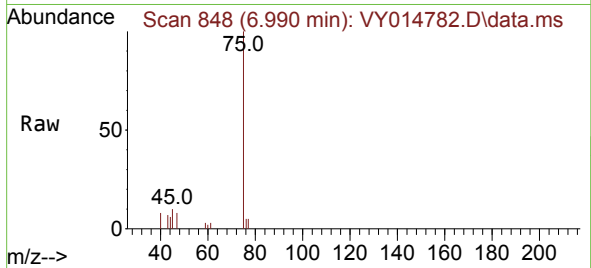




#25
2-Butanone
Concen: 3.983 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

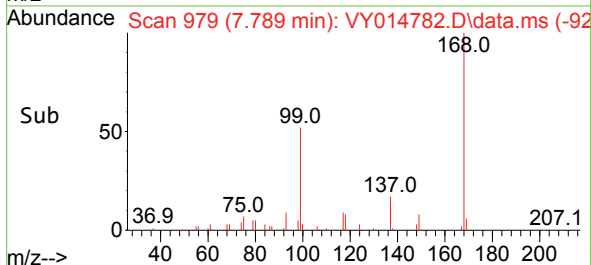
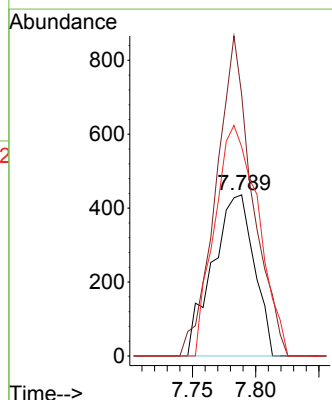
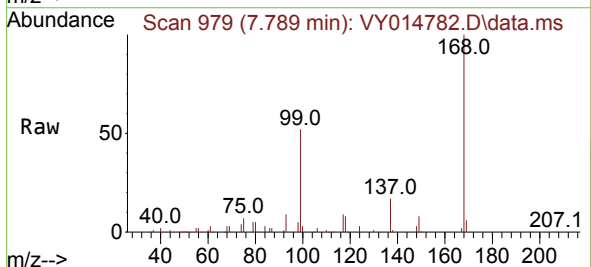
Instrument :
MSVOA_Y
ClientSampleId :
B-P23B

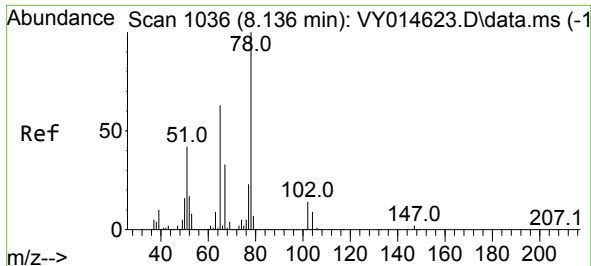
Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

Tgt Ion: 56 Resp: 992
Ion Ratio Lower Upper
56 100
69 162.4 27.8 41.6#
84 129.8 66.4 99.6#

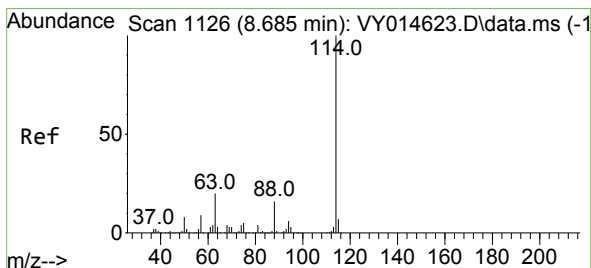
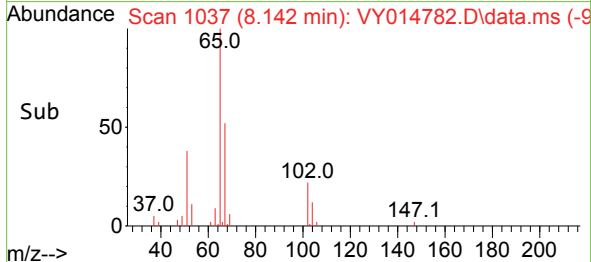
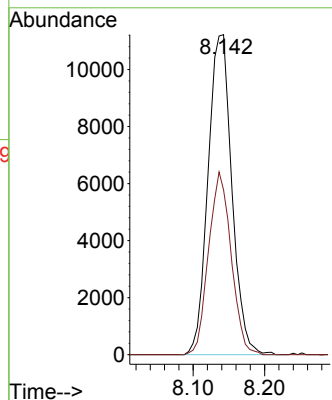
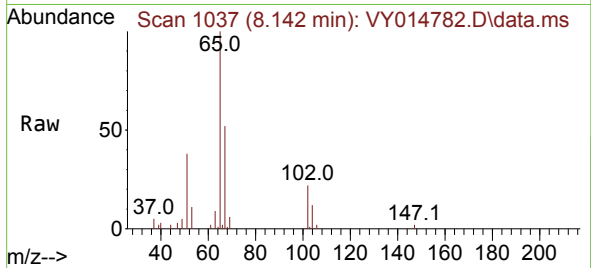




#33
1,2-Dichloroethane-d4
Concen: 47.580 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

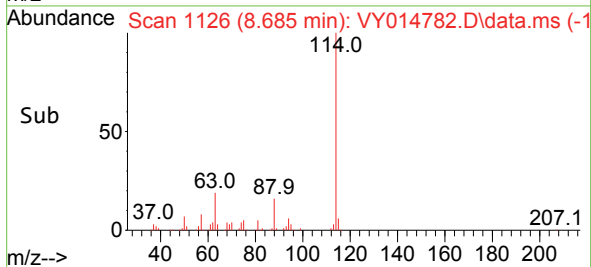
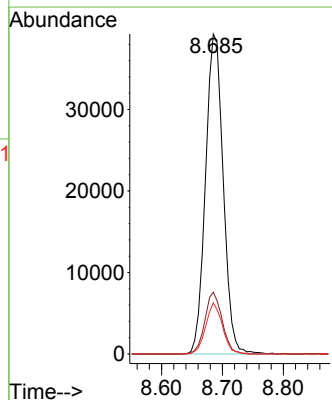
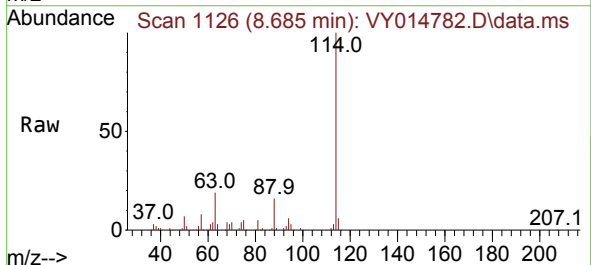
Instrument :
MSVOA_Y
ClientSampleId :
B-P23B

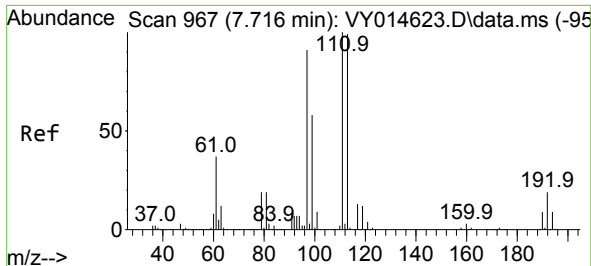
Tgt Ion: 65 Resp: 25999
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

Tgt Ion:114 Resp: 79334
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 15.9 0.0 30.6

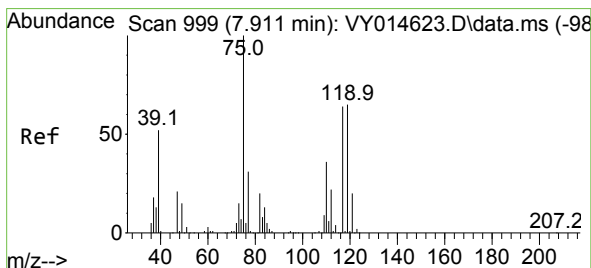
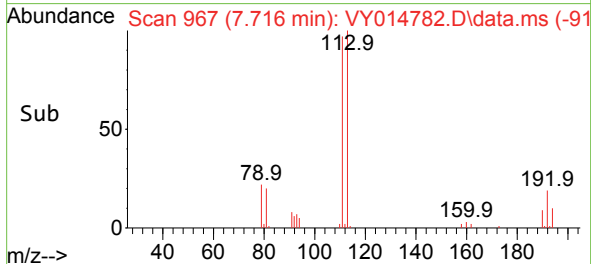
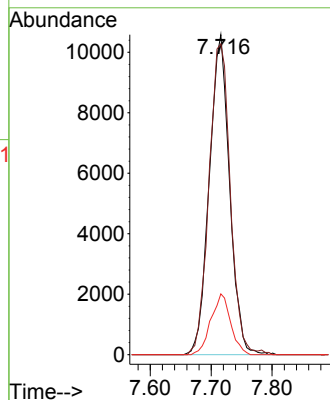
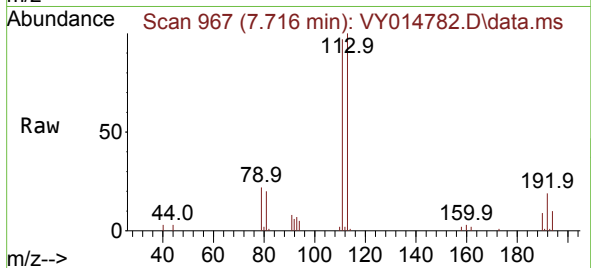




#35
Dibromofluoromethane
Concen: 48.374 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

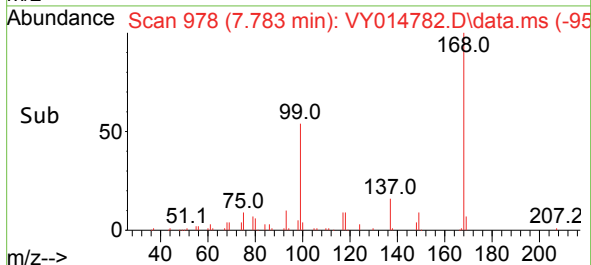
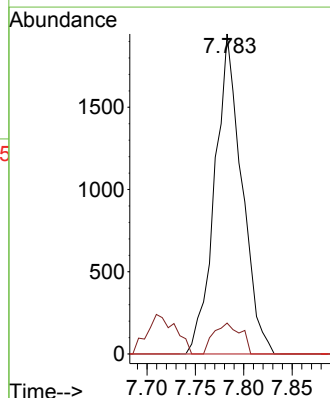
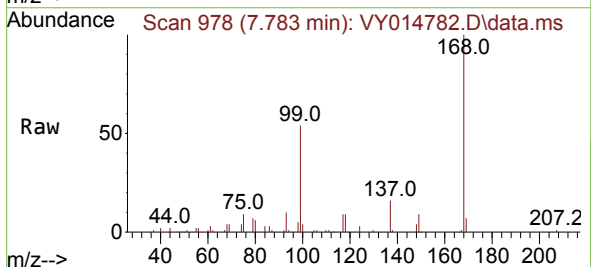
Instrument :
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ClientSampleId :
B-P23B

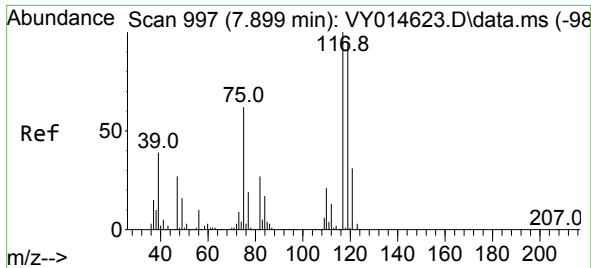
Tgt Ion:113 Resp: 24430
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 18.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.022 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

Tgt Ion: 75 Resp: 3793
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#

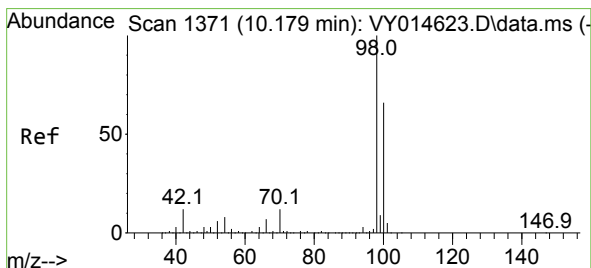
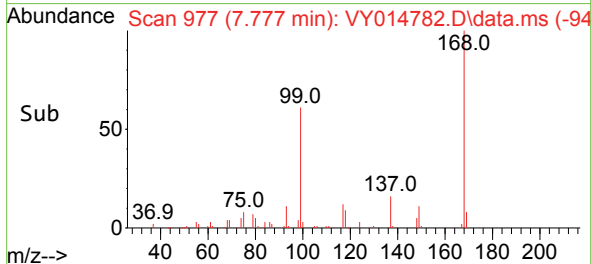
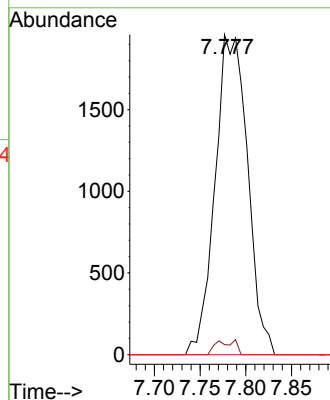
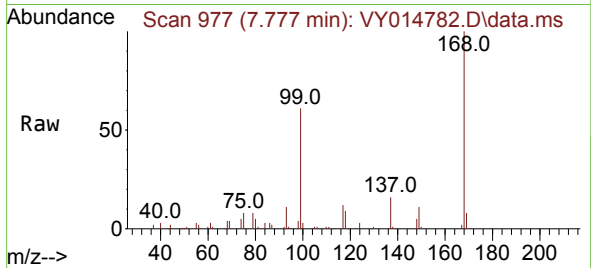




#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

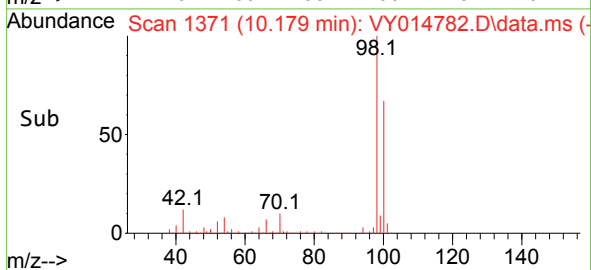
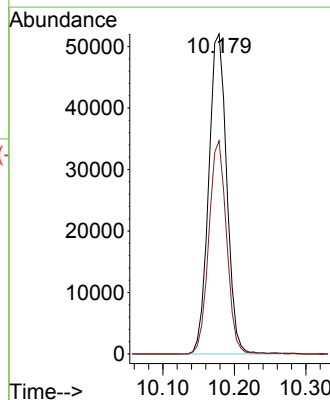
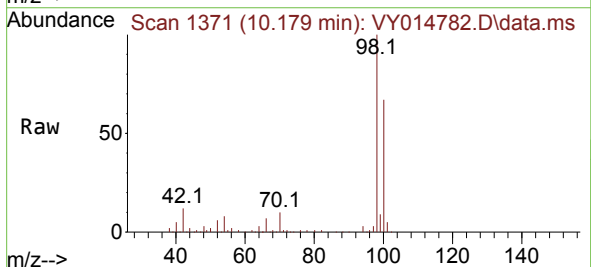
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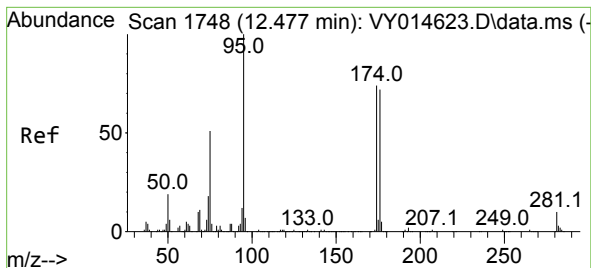
Tgt Ion:117 Resp: 4834
Ion Ratio Lower Upper
117 100
119 3.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.962 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

Tgt Ion: 98 Resp: 91163
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

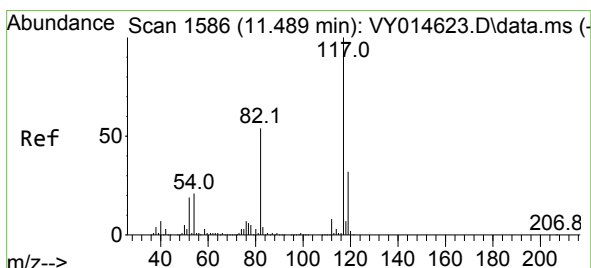
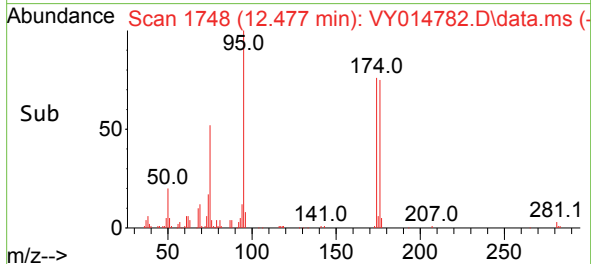
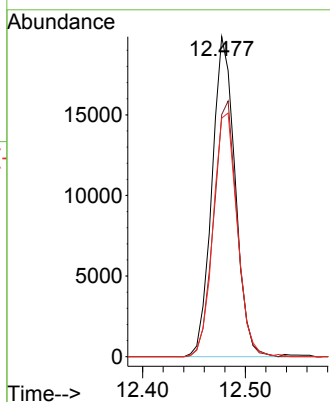
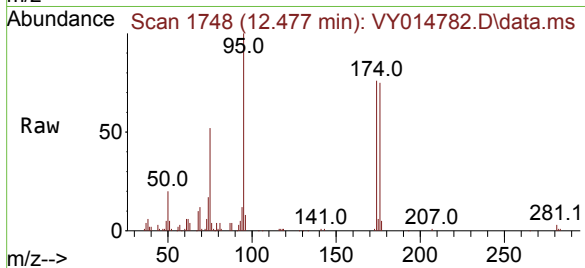




#62
4-Bromofluorobenzene
Concen: 43.496 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

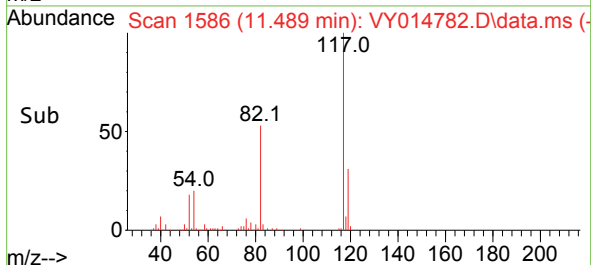
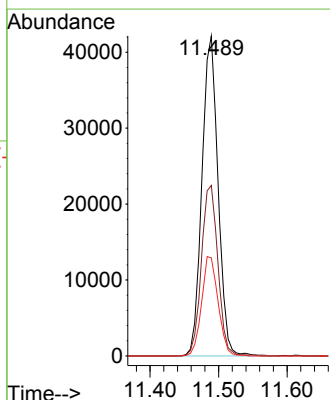
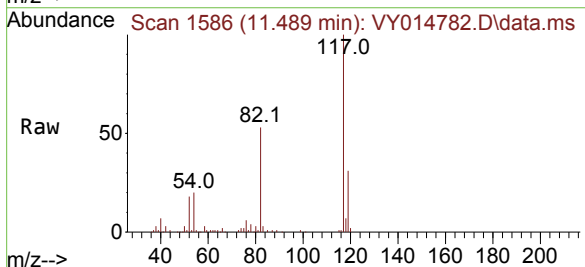
Instrument :
MSVOA_Y
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B-P23B

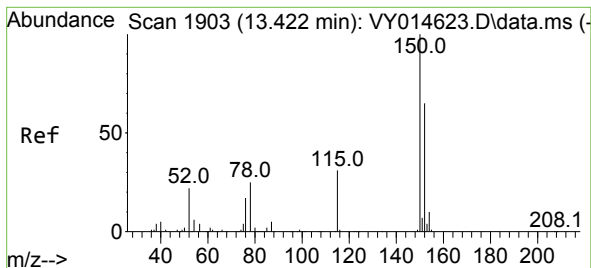
Tgt Ion: 95 Resp: 31053
Ion Ratio Lower Upper
95 100
174 80.2 0.0 178.2
176 79.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

Tgt Ion: 117 Resp: 69030
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 30.7 26.3 39.5

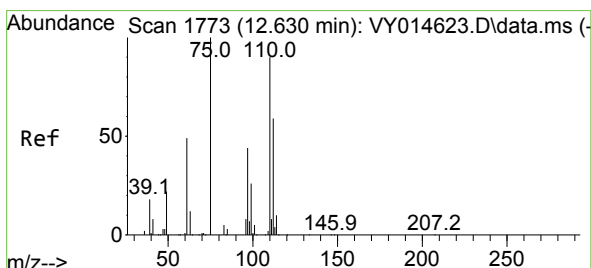
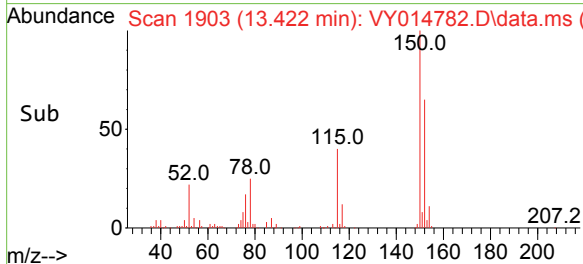
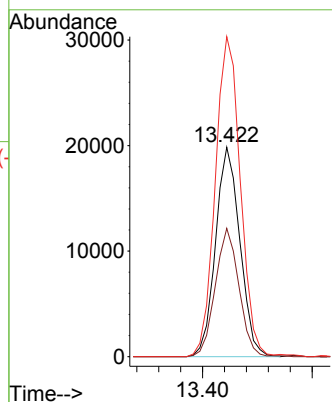
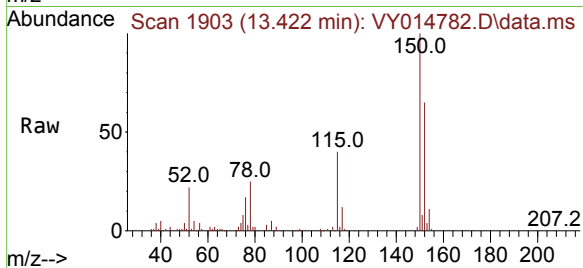




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY014782.D
 Acq: 24 Jul 2023 19:04

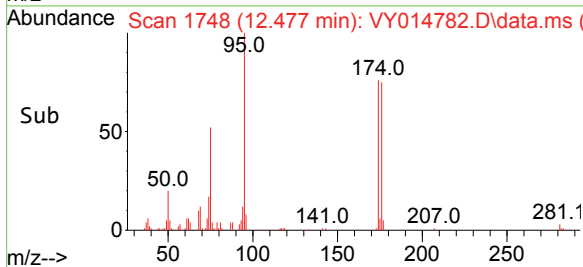
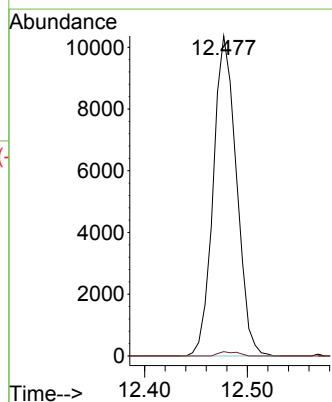
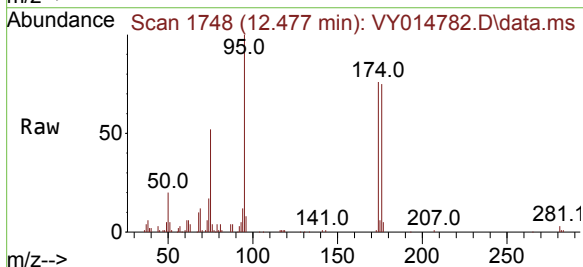
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P23B

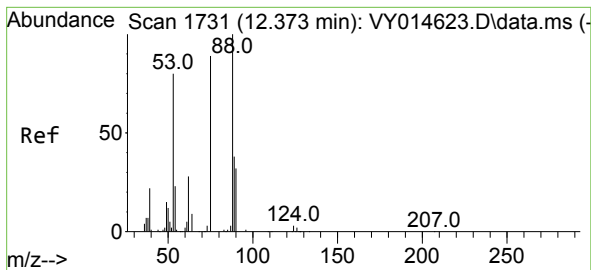
Tgt Ion:152 Resp: 30585
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.8 86.5
 150 157.8 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 42.122 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014782.D
 Acq: 24 Jul 2023 19:04

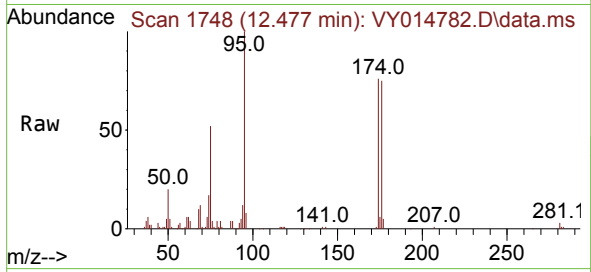
Tgt Ion: 75 Resp: 16271
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.556 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014782.D
 Acq: 24 Jul 2023 19:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P23B



Tgt Ion: 75 Resp: 16271
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

