

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018494.D
 Acq On : 05 Jun 2024 19:03
 Operator : SY/MD
 Sample : P2740-03
 Misc : 5.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 06 05:59:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

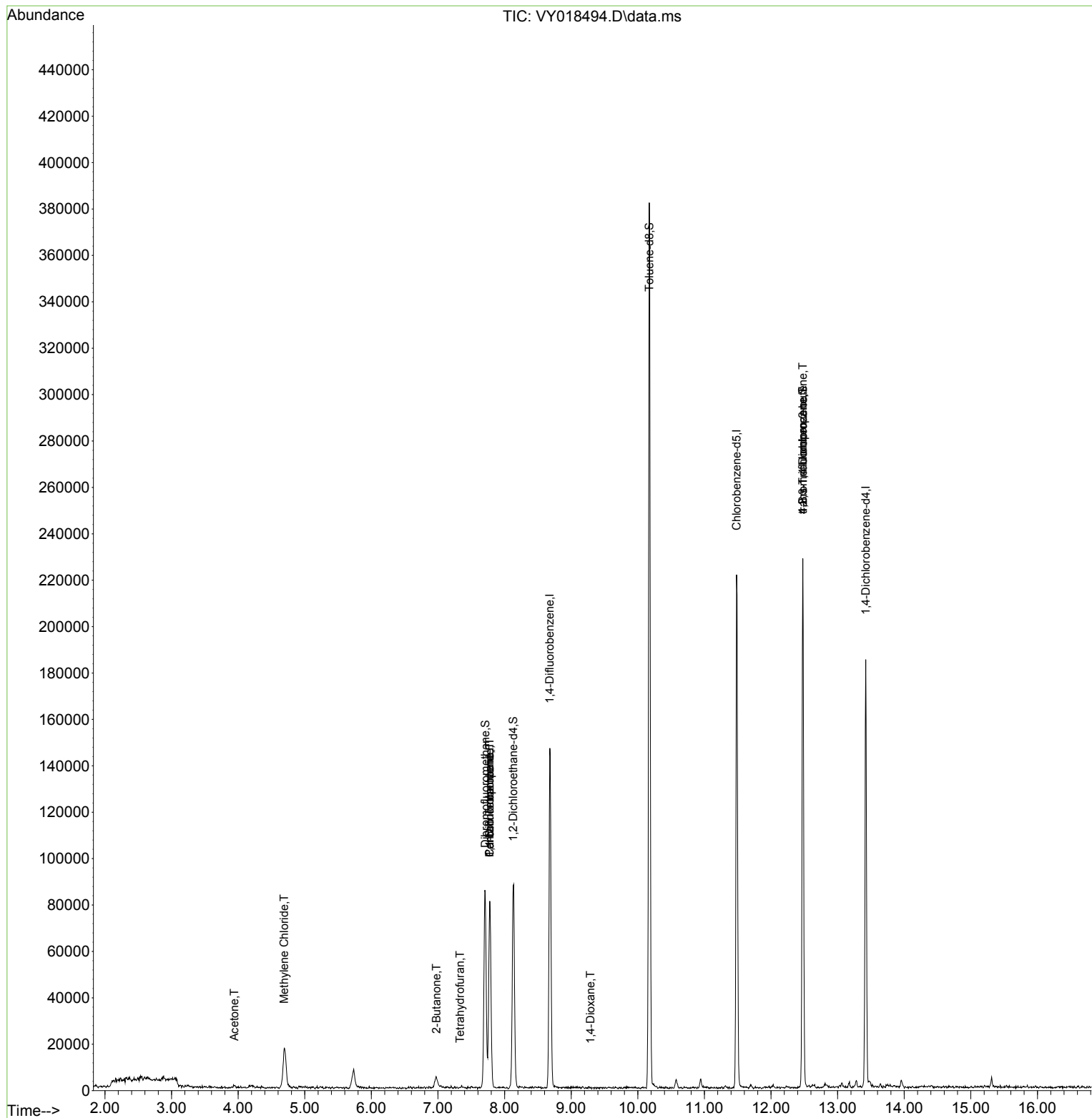
Internal Standards						
1) Pentafluorobenzene	7.777	168	58327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	119402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	112842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	66357	57.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.860%
35) Dibromofluoromethane	7.710	113	58523	38.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.300%
50) Toluene-d8	10.173	98	237242	39.386	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.780%
62) 4-Bromofluorobenzene	12.477	95	65036	34.678	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	375	Below Cal	#	69
16) Acetone	3.942	43	1413	5.558	ug/l #	65
20) Methylene Chloride	4.692	84	12145	5.696	ug/l #	79
25) 2-Butanone	6.978	43	786	2.018	ug/l #	55
29) Tetrahydrofuran	7.332	42	398	1.574	ug/l #	26
36) 1,1-Dichloropropene	7.777	75	5907	2.559	ug/l #	42
38) Carbon Tetrachloride	7.777	117	6354	2.747	ug/l #	17
49) 1,4-Dioxane	9.289	88	21	1.763	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	37383	72.674	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37383	152.683	ug/l #	16

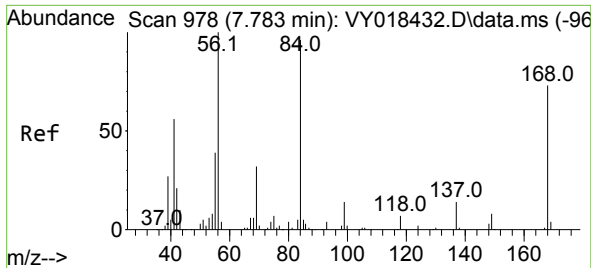
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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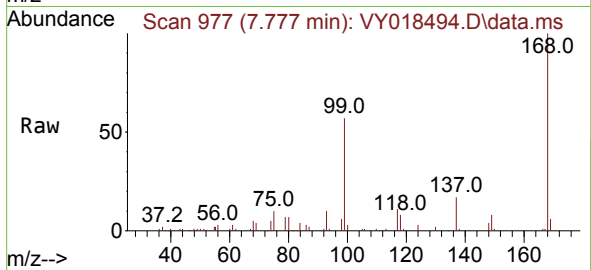
Quant Time: Jun 06 05:59:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
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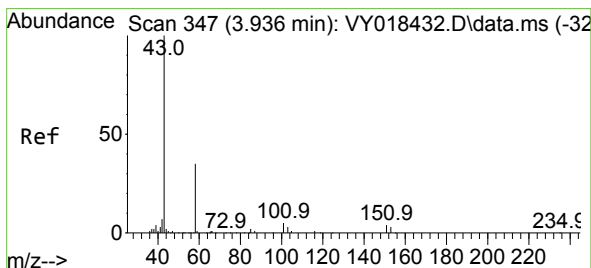
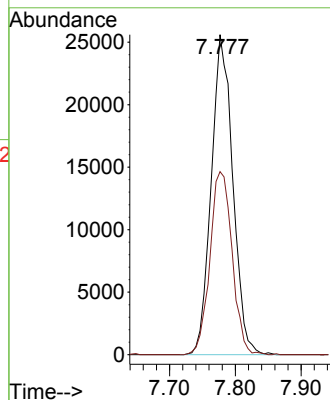
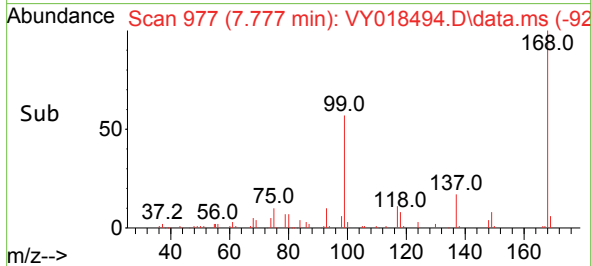


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

Instrument :
MSVOA_Y
ClientSampleId :

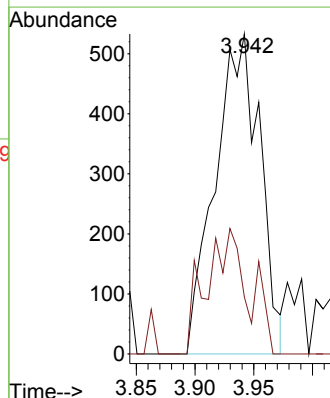
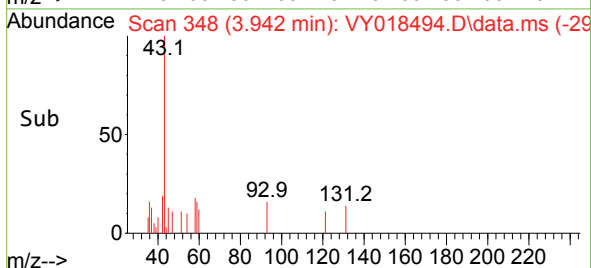
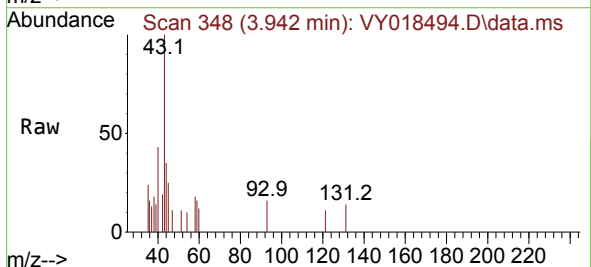


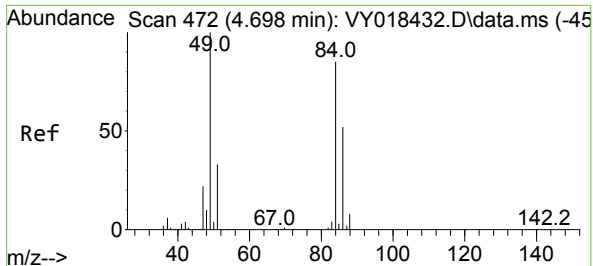
Tgt Ion:168 Resp: 58327
Ion Ratio Lower Upper
168 100
99 57.2 39.1 58.7



#16
Acetone
Concen: 5.558 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

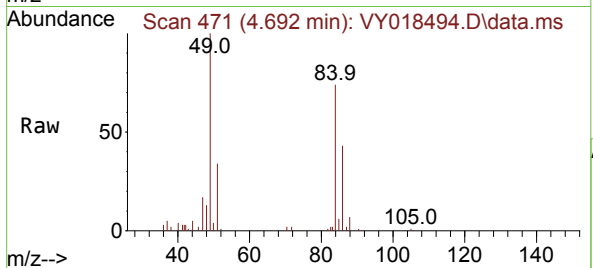
Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 17.8 31.7 47.5#



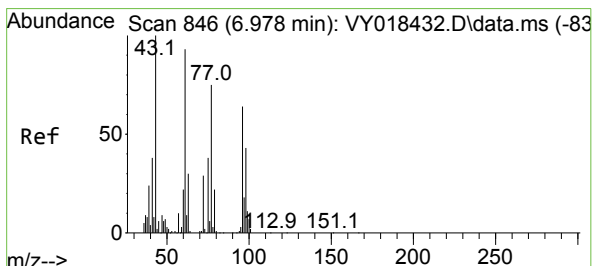
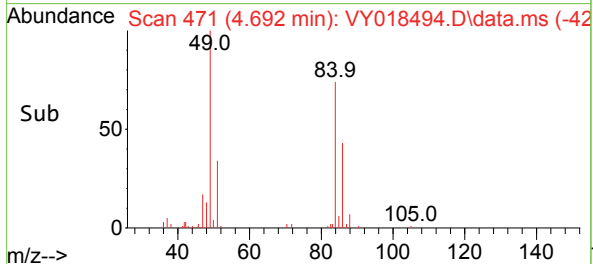
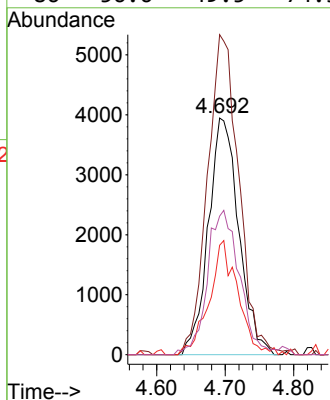


#20
Methylene Chloride
Concen: 5.696 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

Instrument :
MSVOA_Y
ClientSampleId :

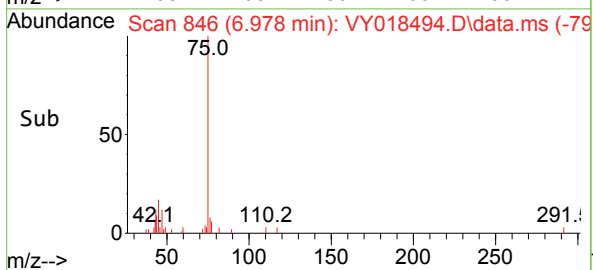
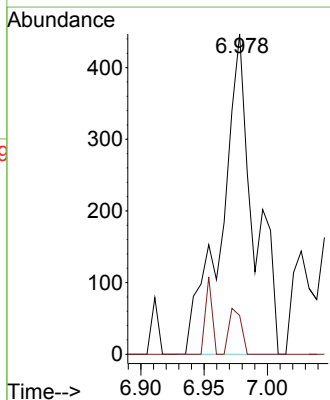
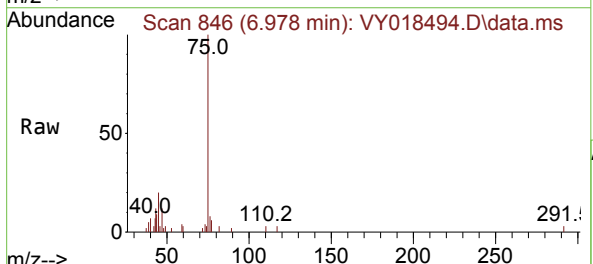


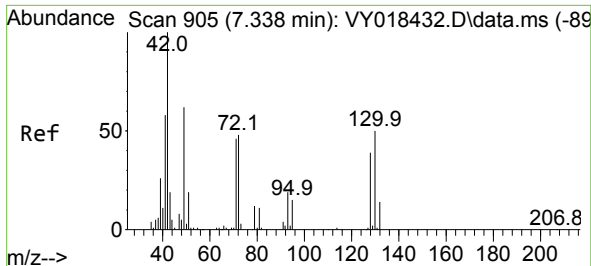
Tgt Ion:	84	Resp:	12145
Ion	Ratio	Lower	Upper
84	100		
49	135.2	84.4	126.6#
51	46.2	26.0	39.0#
86	56.6	49.5	74.3



#25
2-Butanone
Concen: 2.018 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

Tgt Ion:	43	Resp:	786
Ion	Ratio	Lower	Upper
43	100		
72	8.1	27.3	40.9#





#29

Tetrahydrofuran

Concen: 1.574 ug/l

RT: 7.332 min Scan# 905

Delta R.T. -0.006 min

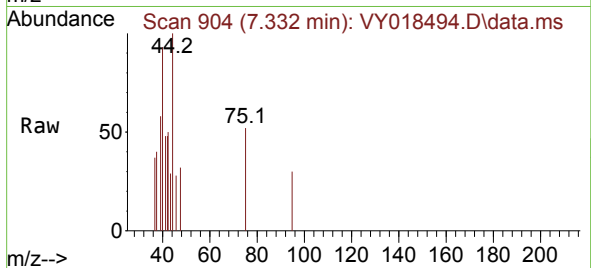
Lab File: VY018494.D

Acq: 05 Jun 2024 19:03

Instrument :

MSVOA_Y

ClientSampleId :



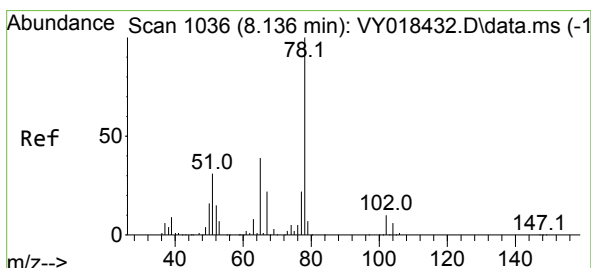
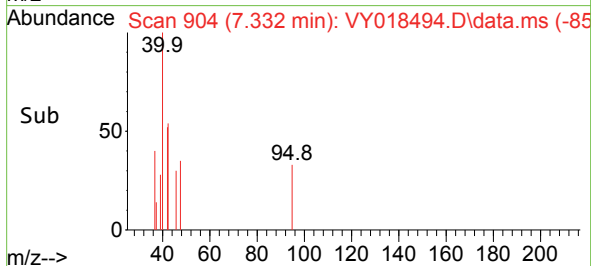
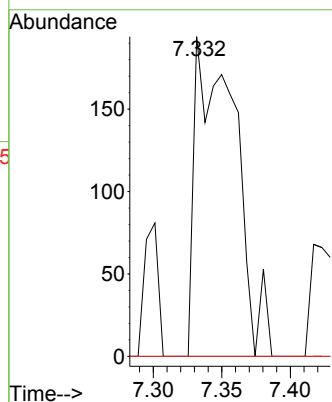
Tgt Ion: 42 Resp: 398

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 0.0 40.8 61.2#



#33

1,2-Dichloroethane-d4

Concen: 57.931 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018494.D

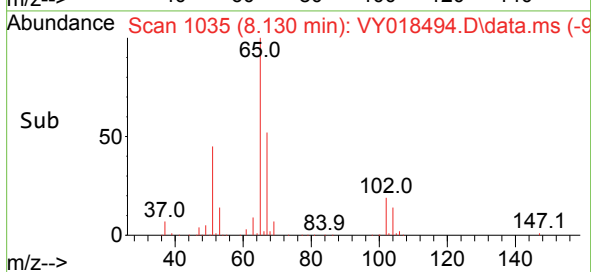
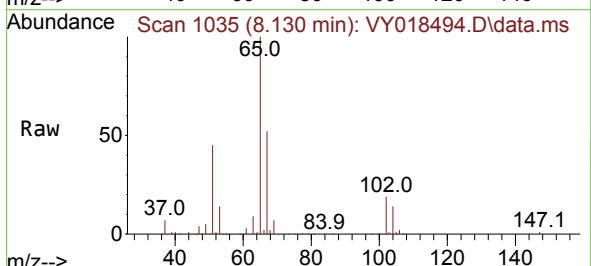
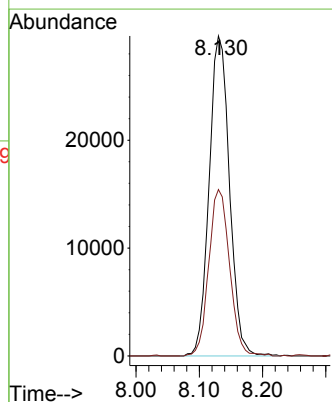
Acq: 05 Jun 2024 19:03

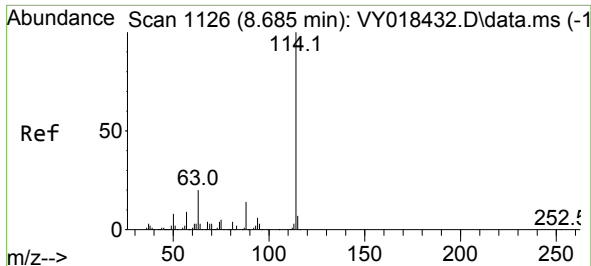
Tgt Ion: 65 Resp: 66357

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018494.D

Acq: 05 Jun 2024 19:03

Instrument :

MSVOA_Y

ClientSampleId :

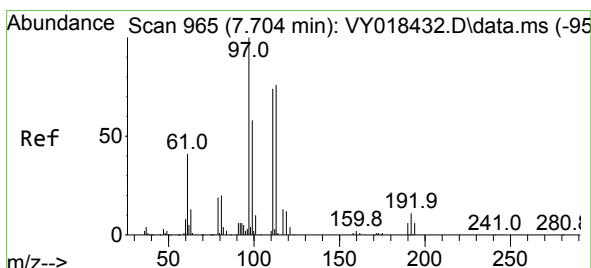
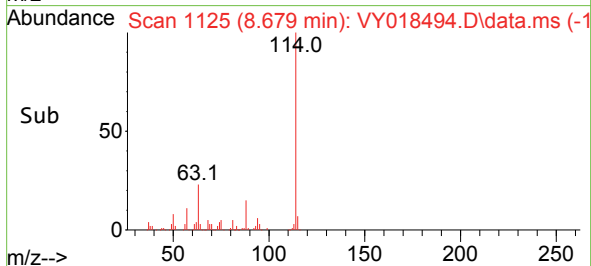
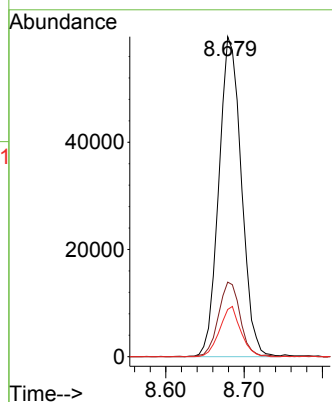
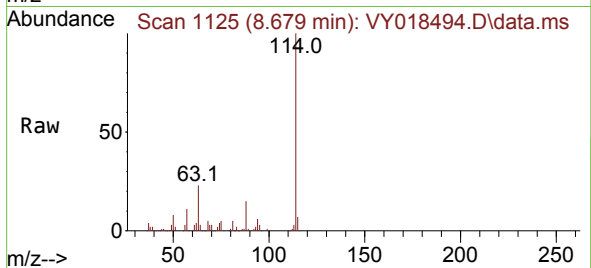
Tgt Ion:114 Resp: 119402

Ion Ratio Lower Upper

114 100

63 23.2 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 38.652 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018494.D

Acq: 05 Jun 2024 19:03

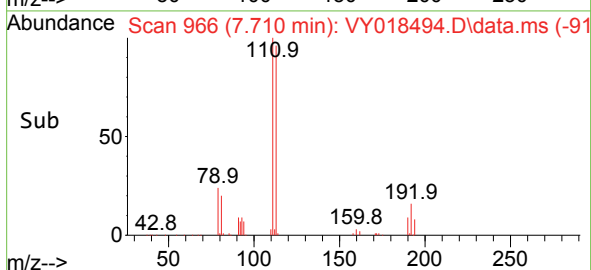
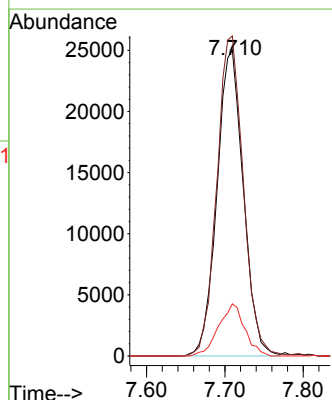
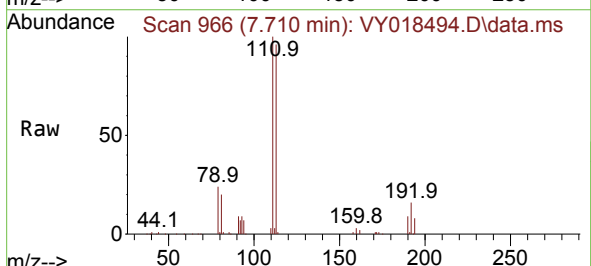
Tgt Ion:113 Resp: 58523

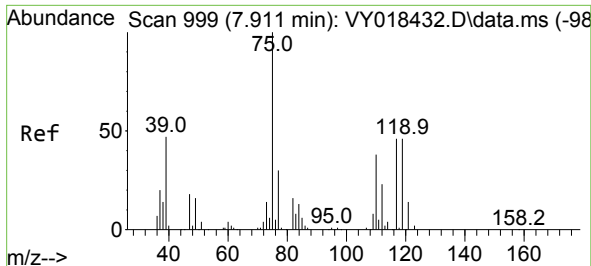
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 16.9 15.9 23.9

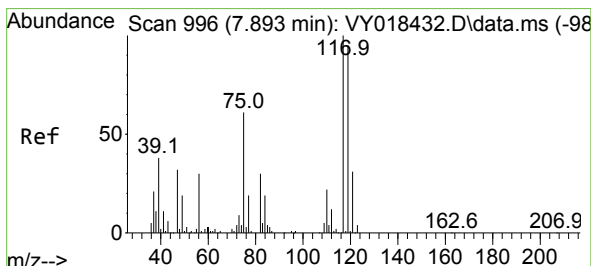
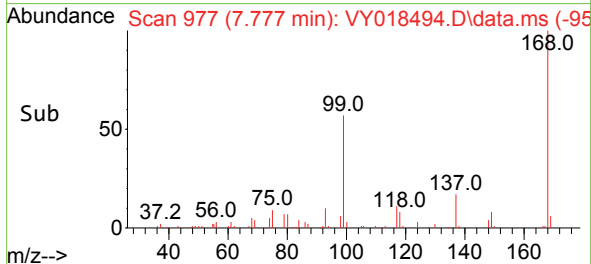
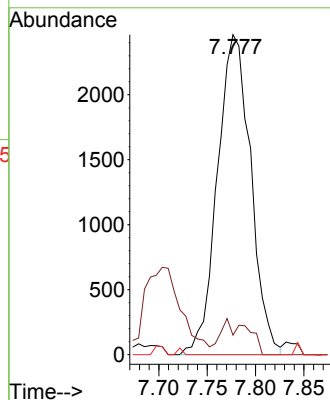
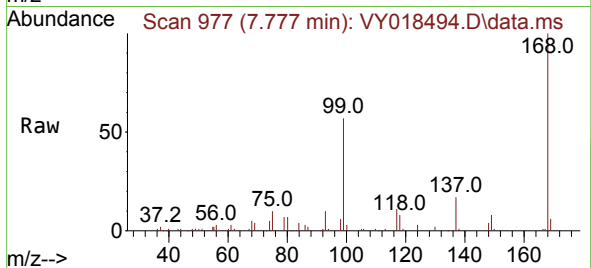




#36
1,1-Dichloropropene
Concen: 2.559 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

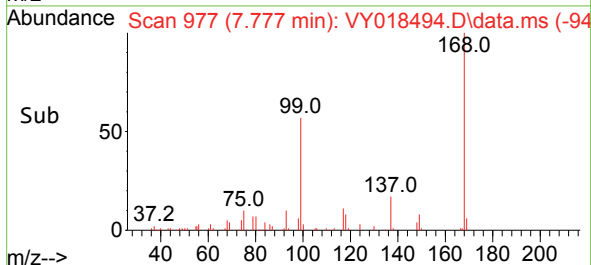
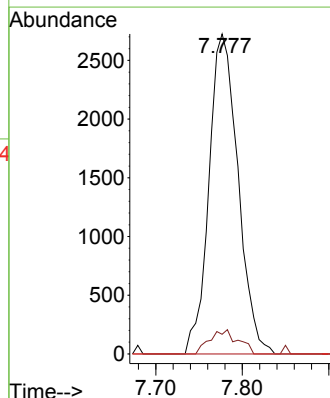
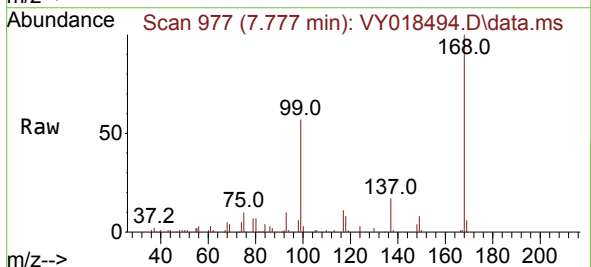
Instrument :
MSVOA_Y
ClientSampleId :

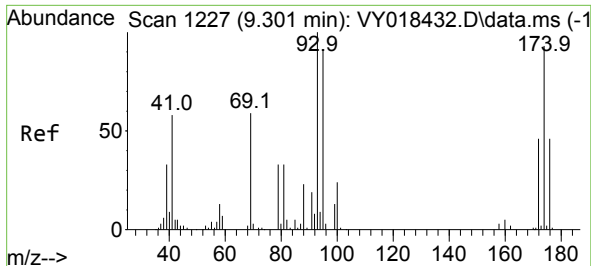
Tgt Ion: 75 Resp: 5907
Ion Ratio Lower Upper
75 100
110 2.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 2.747 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

Tgt Ion: 117 Resp: 6354
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.763 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY018494.D

Acq: 05 Jun 2024 19:03

Instrument :

MSVOA_Y

ClientSampleId :

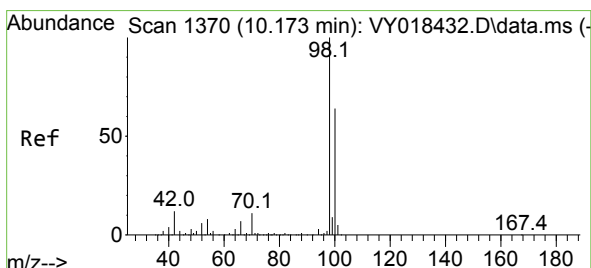
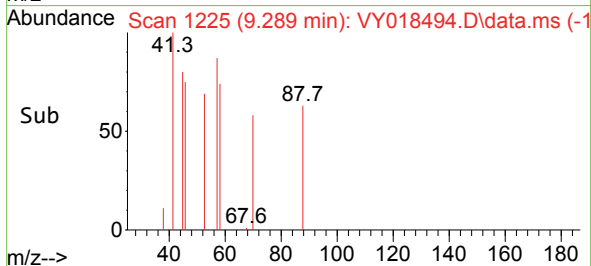
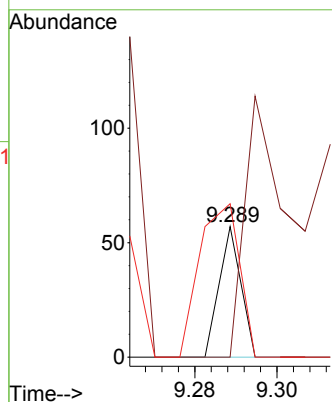
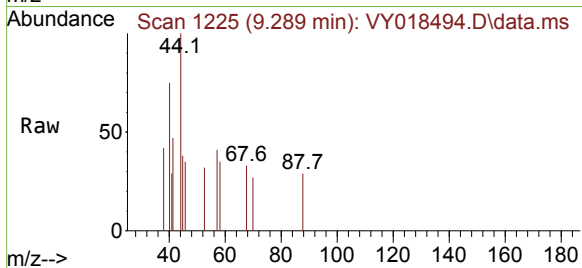
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 409.5 0.0 0.0#

58 214.3 49.3 73.9#



#50

Toluene-d8

Concen: 39.386 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018494.D

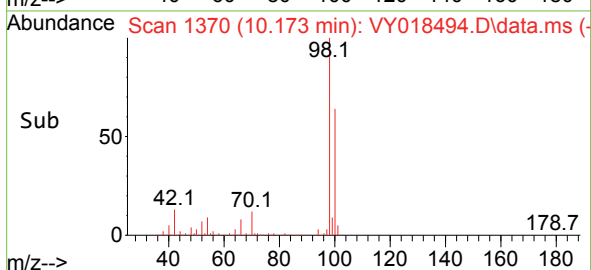
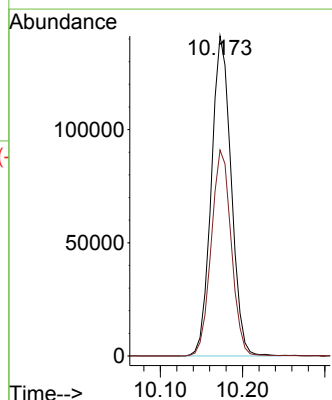
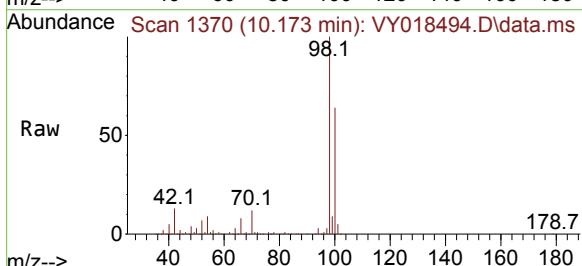
Acq: 05 Jun 2024 19:03

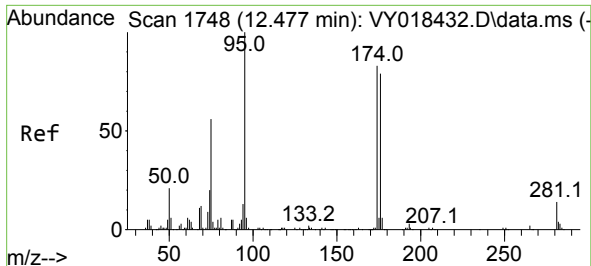
Tgt Ion: 98 Resp: 237242

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

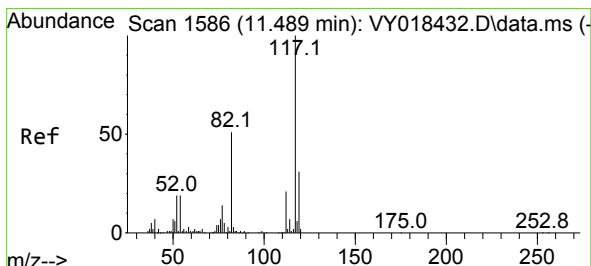
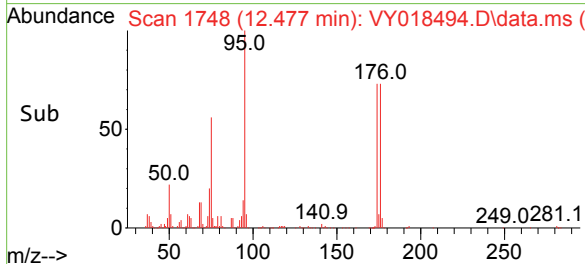
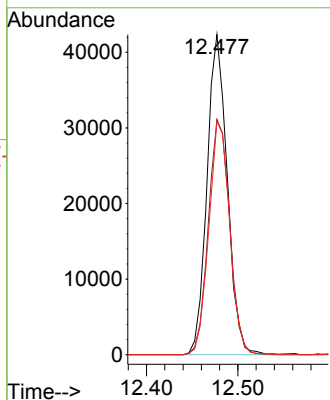
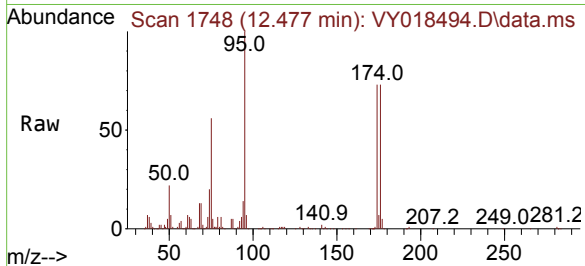




#62
4-Bromofluorobenzene
Concen: 34.678 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

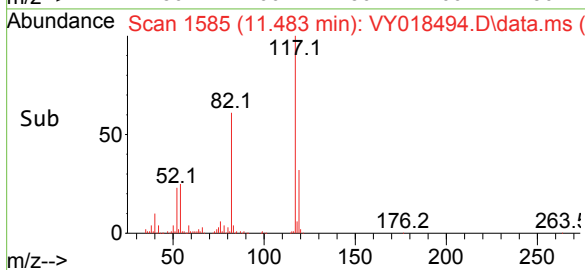
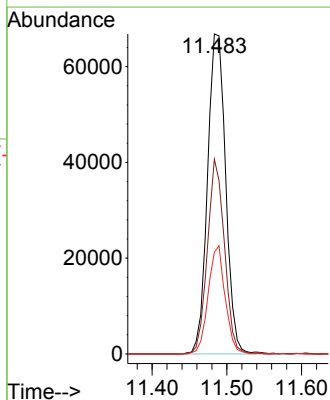
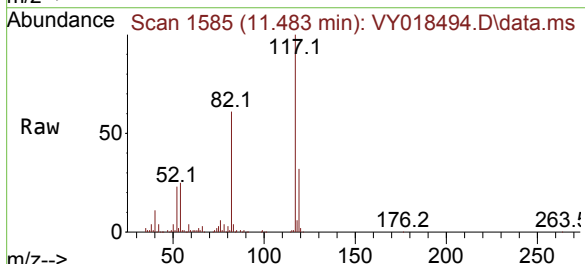
Instrument :
MSVOA_Y
ClientSampleId :

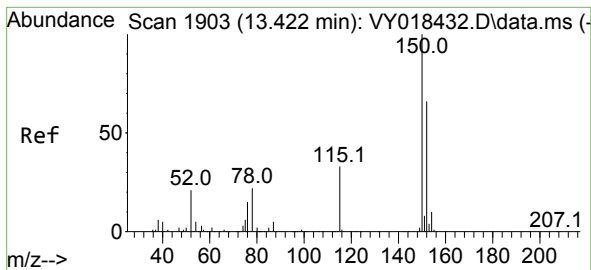
Tgt Ion: 95 Resp: 65036
Ion Ratio Lower Upper
95 100
174 77.6 0.0 175.6
176 74.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

Tgt Ion: 117 Resp: 112842
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 31.8 25.9 38.9

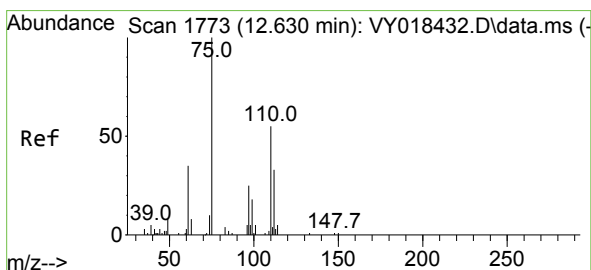
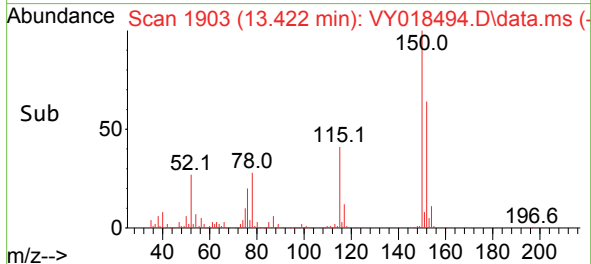
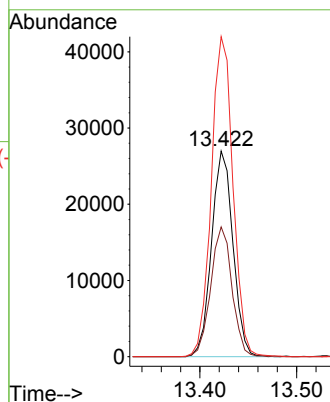
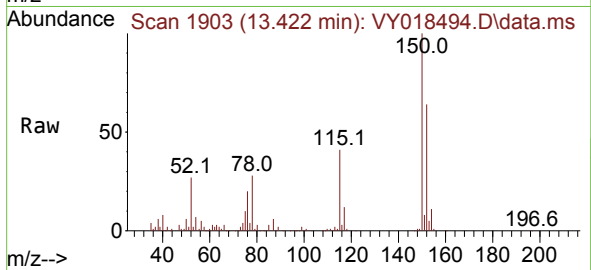




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018494.D
 Acq: 05 Jun 2024 19:03

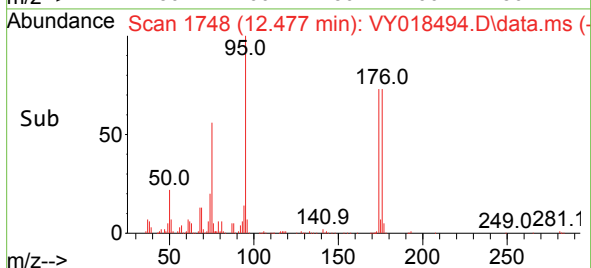
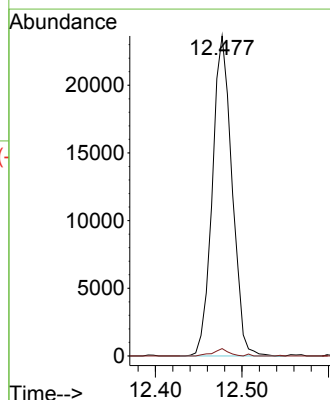
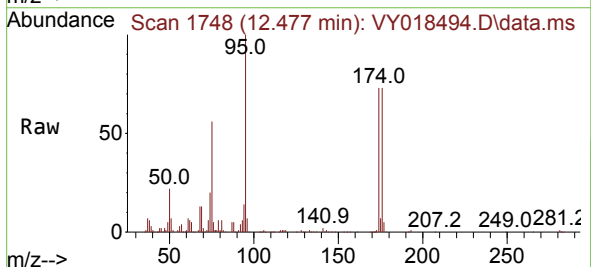
Instrument :
 MSVOA_Y
 ClientSampleId :

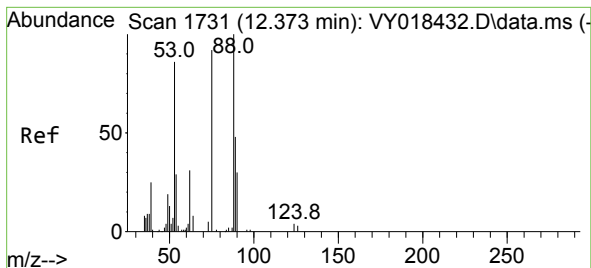
Tgt Ion:152 Resp: 41483
 Ion Ratio Lower Upper
 152 100
 115 62.8 28.2 84.7
 150 157.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 72.674 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018494.D
 Acq: 05 Jun 2024 19:03

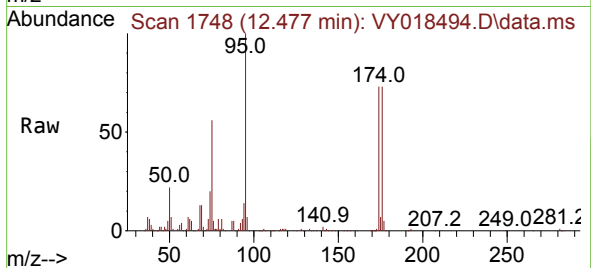
Tgt Ion: 75 Resp: 37383
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.683 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018494.D
 Acq: 05 Jun 2024 19:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 37383
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.4 35.8 53.6#

