

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018187.D
 Acq On : 08 May 2024 14:45
 Operator : SY/MD
 Sample : P2408-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:26:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

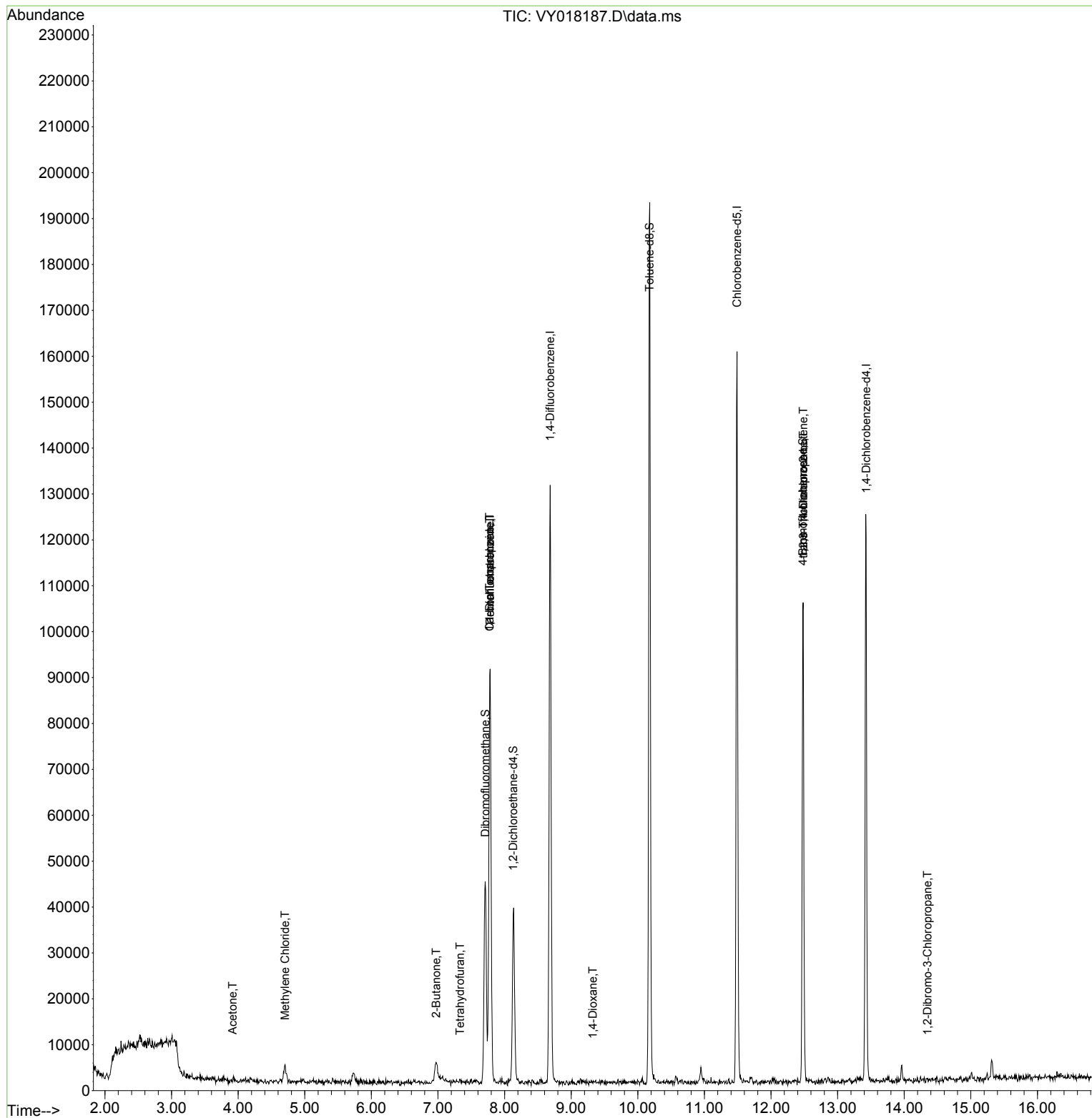
Internal Standards						
1) Pentafluorobenzene	7.783	168	73052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	120516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	92307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27034	50.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.600%	
35) Dibromofluoromethane	7.710	113	32638	51.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.060%	
50) Toluene-d8	10.179	98	129562	51.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	12.477	95	34054	42.250	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	127	Below Cal	#	1
16) Acetone	3.918	43	551	5.138	ug/l #	36
20) Methylene Chloride	4.704	84	2510	3.311	ug/l #	84
25) 2-Butanone	6.972	43	290	1.692	ug/l #	60
29) Tetrahydrofuran	7.332	42	294	2.598	ug/l #	26
31) Cyclohexane	7.777	56	1596	Below Cal	#	1
36) 1,1-Dichloropropene	7.777	75	5336	5.877	ug/l #	50
38) Carbon Tetrachloride	7.777	117	6652	6.705	ug/l #	15
49) 1,4-Dioxane	9.325	88	19	3.899	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	16458	62.200	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16458	119.838	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.349	75	56	1.040	ug/l #	1

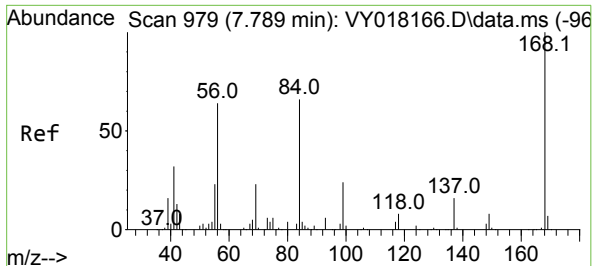
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :

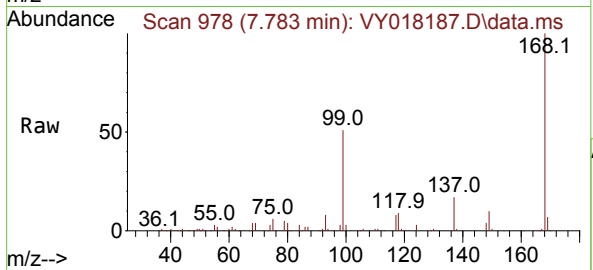
Quant Time: May 09 02:26:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration



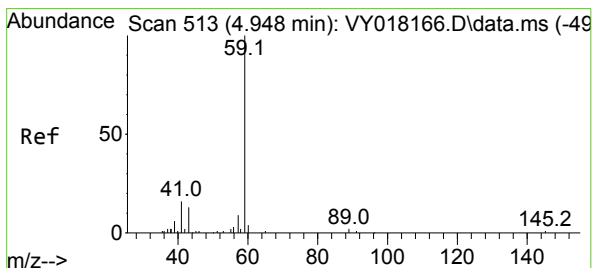
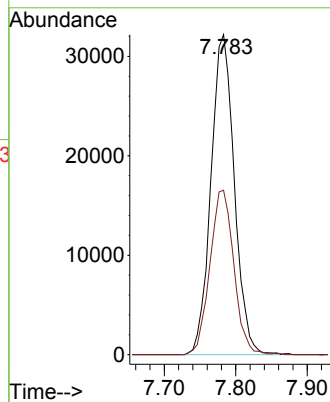
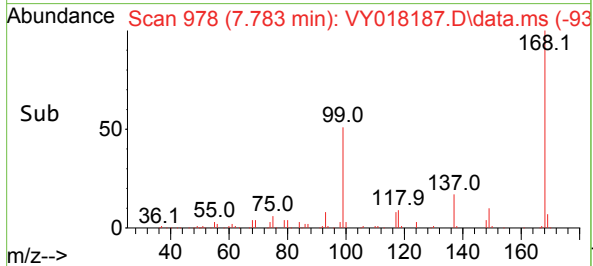


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

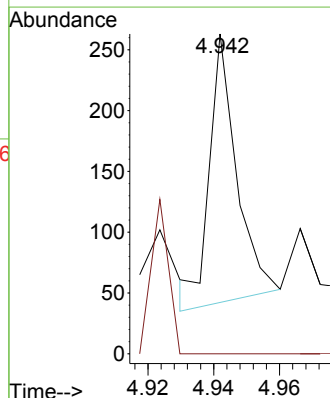
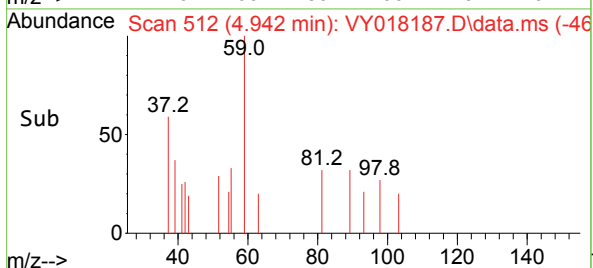
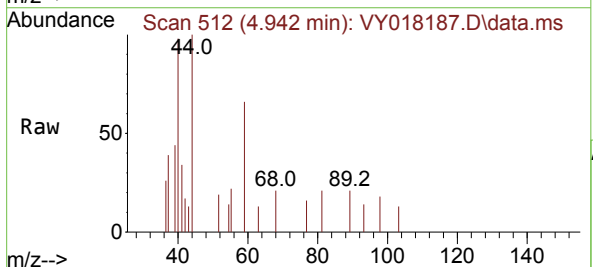


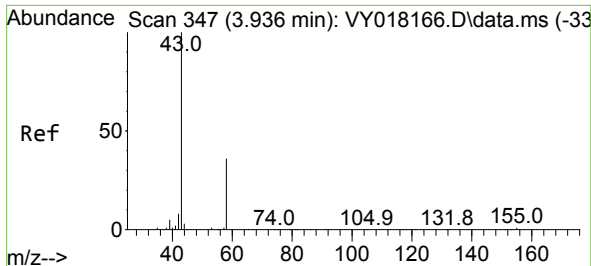
Tgt Ion:168 Resp: 73052
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

Tgt Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 36.2 3.0 4.6#

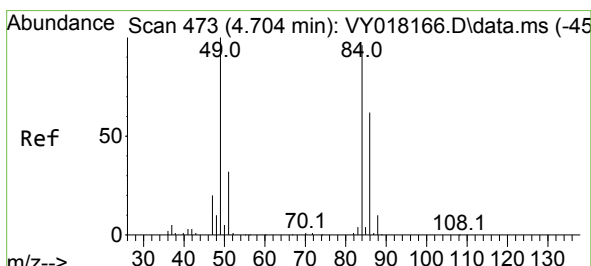
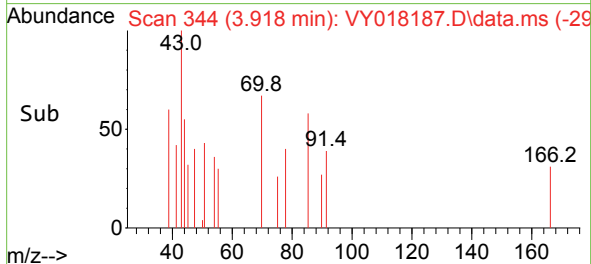
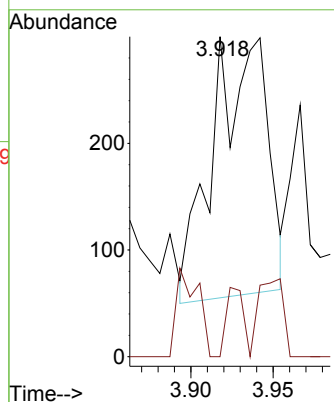
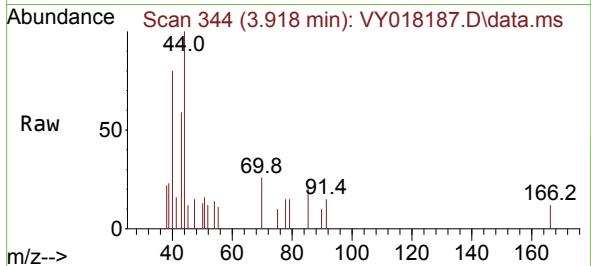




#16
Acetone
Concen: 5.138 ug/l
RT: 3.918 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

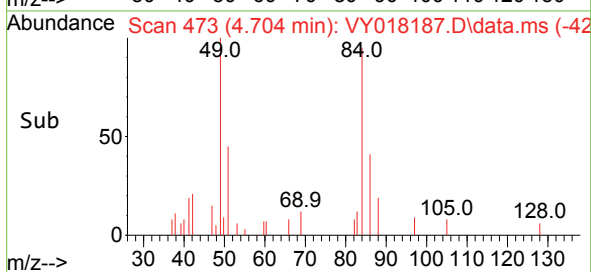
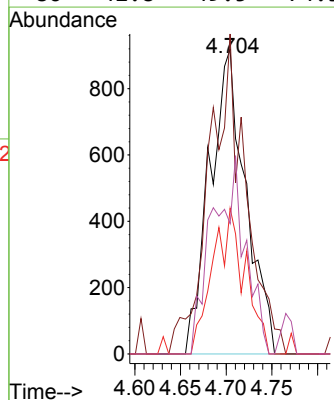
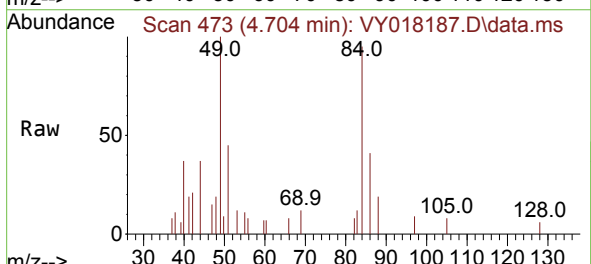
Instrument :
MSVOA_Y
ClientSampleId :

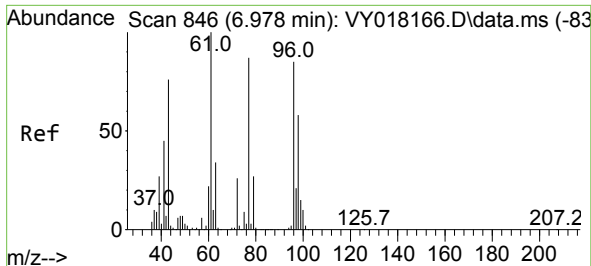
Tgt Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 3.311 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

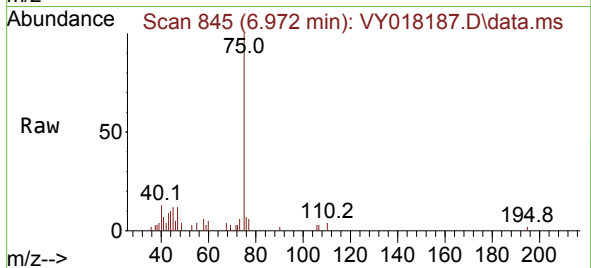
Tgt Ion: 84 Resp: 2510
Ion Ratio Lower Upper
84 100
49 97.1 84.4 126.6
51 47.8 26.0 39.0#
86 42.8 49.5 74.3#



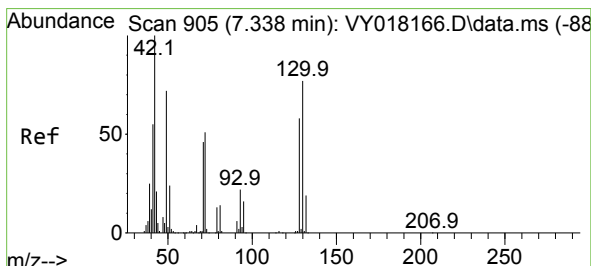
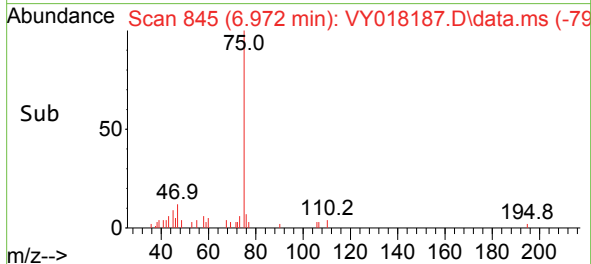
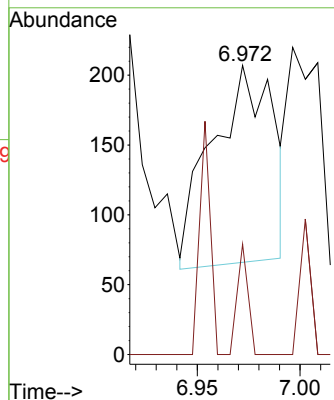


#25
2-Butanone
Concen: 1.692 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

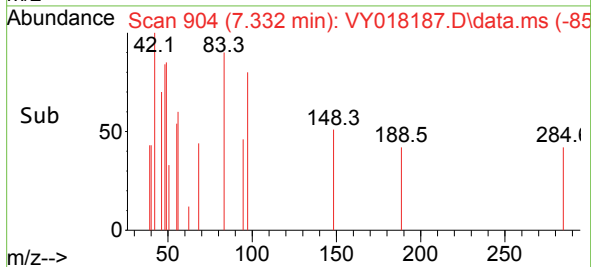
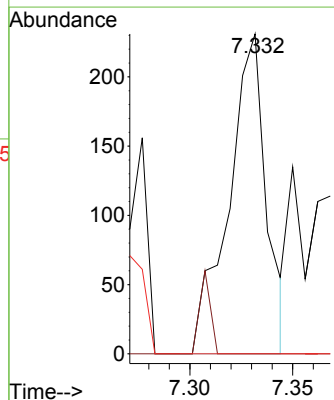
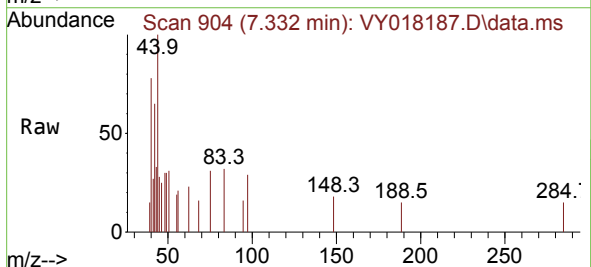


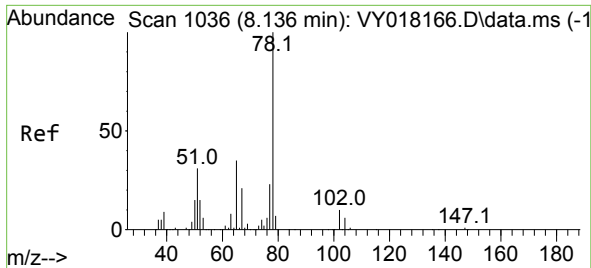
Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
72 57.2 27.3 40.9#



#29
Tetrahydrofuran
Concen: 2.598 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

Tgt Ion: 42 Resp: 294
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#

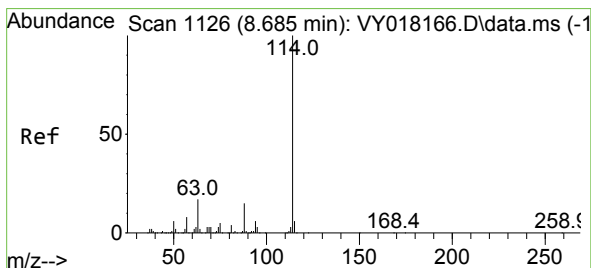
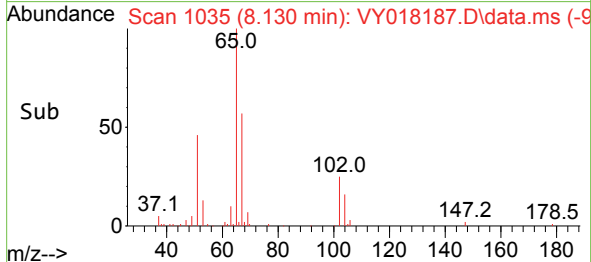
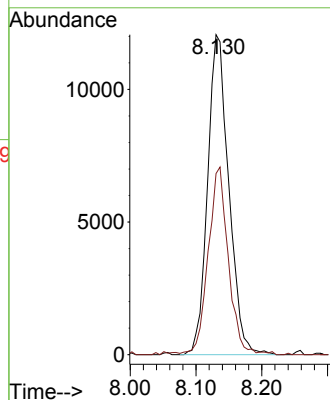
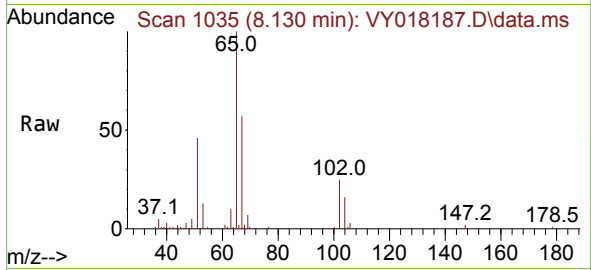




#33
1,2-Dichloroethane-d4
Concen: 50.303 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

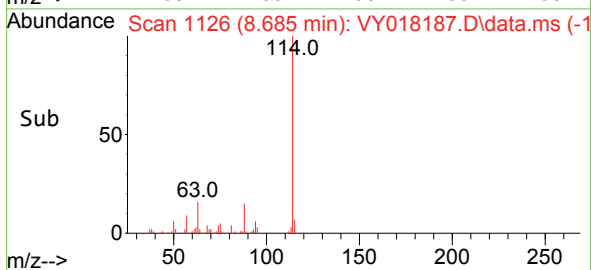
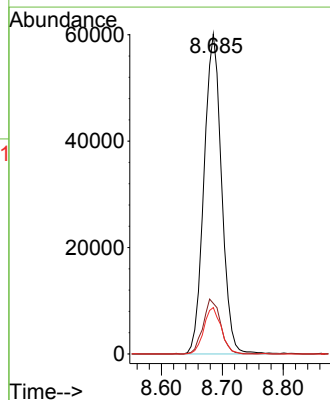
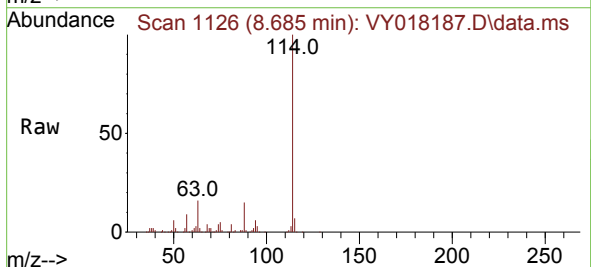
Instrument :
MSVOA_Y
ClientSampleId :

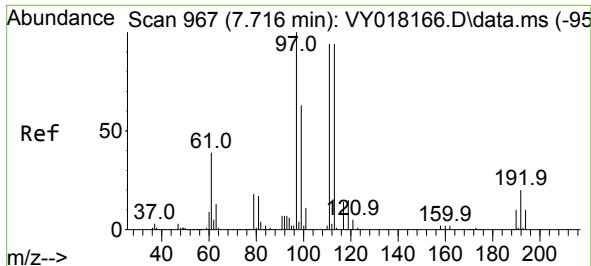
Tgt Ion: 65 Resp: 27034
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

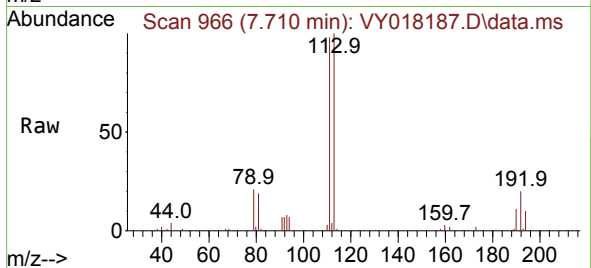
Tgt Ion:114 Resp: 120516
Ion Ratio Lower Upper
114 100
63 15.8 0.0 35.0
88 14.5 0.0 27.2



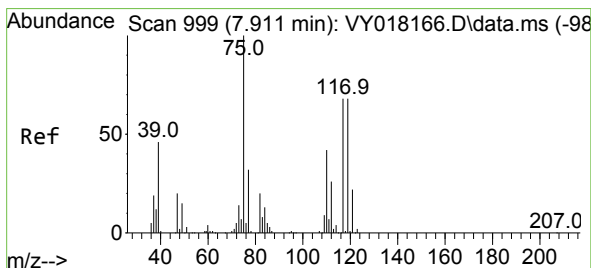
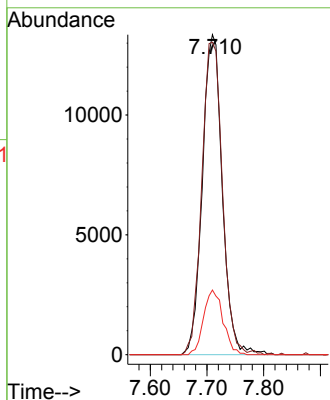
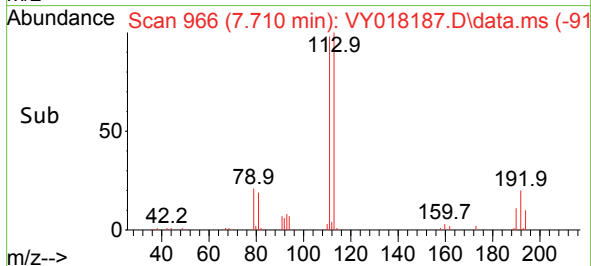


#35
Dibromofluoromethane
Concen: 51.531 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

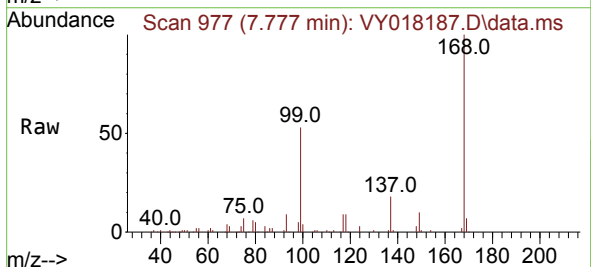
Instrument :
MSVOA_Y
ClientSampleId :



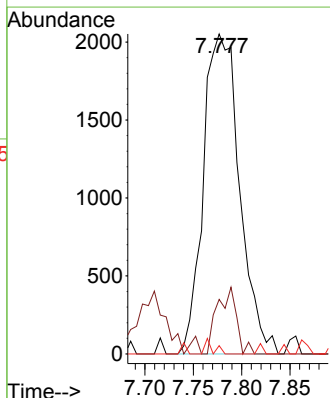
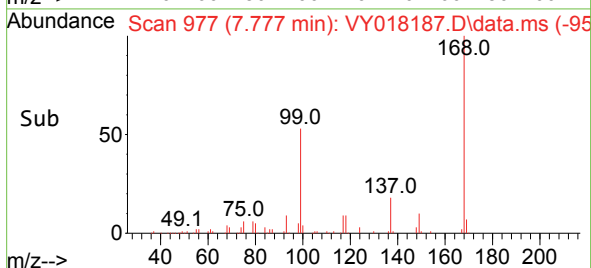
Tgt Ion:113 Resp: 32638
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 19.7 15.9 23.9

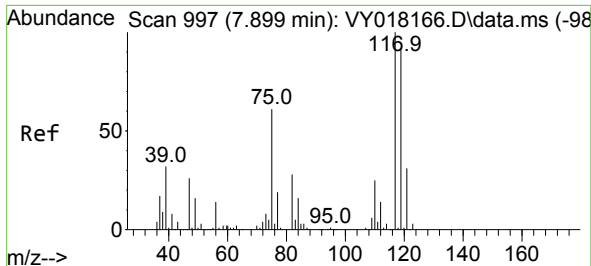


#36
1,1-Dichloropropene
Concen: 5.877 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45



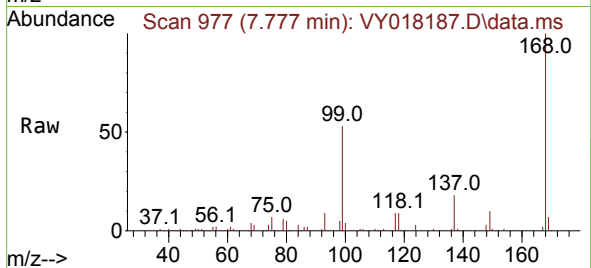
Tgt Ion: 75 Resp: 5336
Ion Ratio Lower Upper
75 100
110 11.2 19.0 57.0#
77 0.0 25.3 37.9#



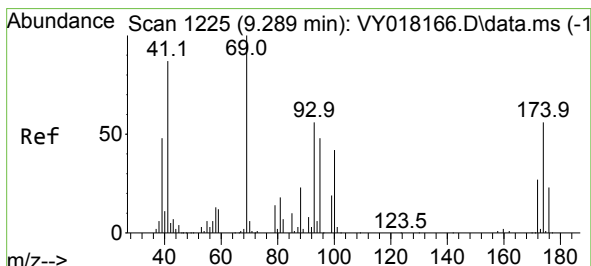
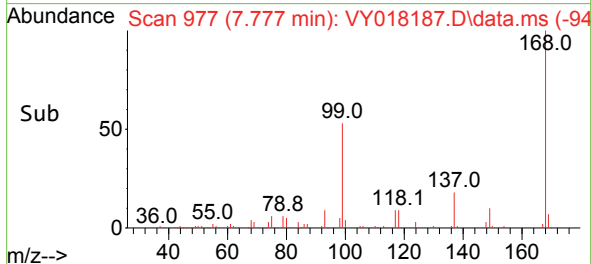
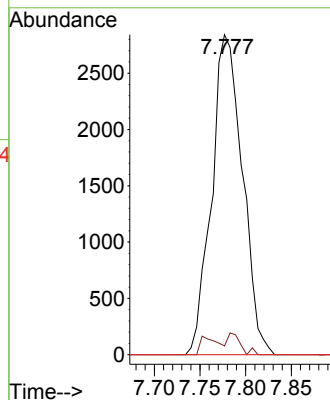


#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

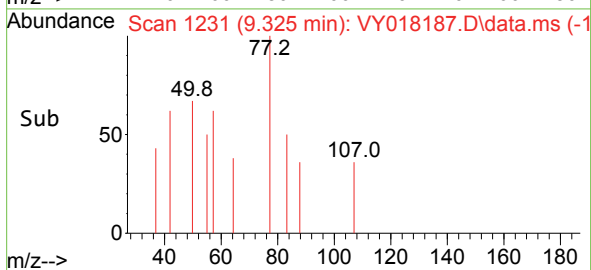
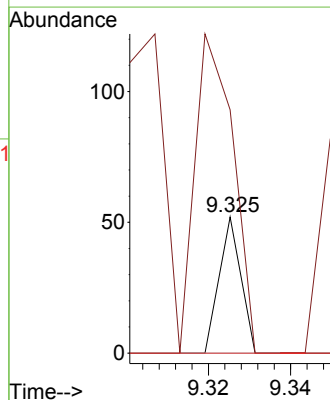
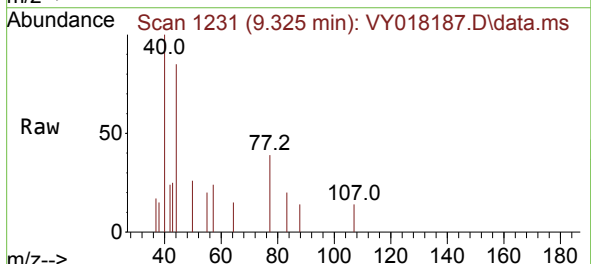


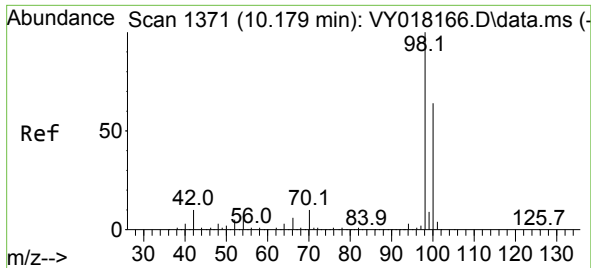
Tgt Ion:117 Resp: 6652
Ion Ratio Lower Upper
117 100
119 2.8 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.899 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.037 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 415.8 0.0 0.0#
58 0.0 49.3 73.9#

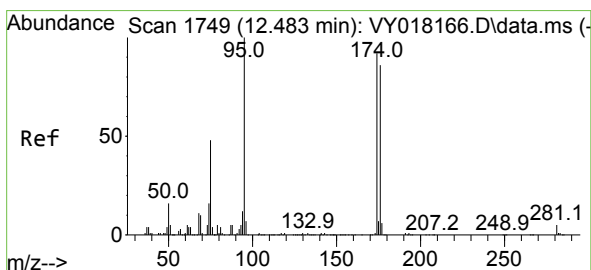
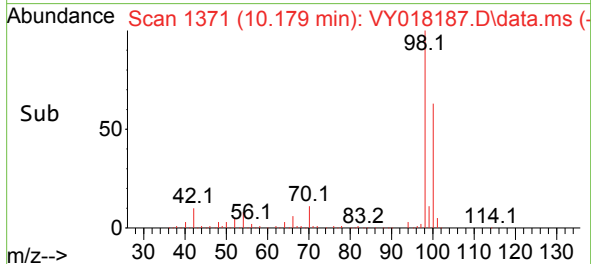
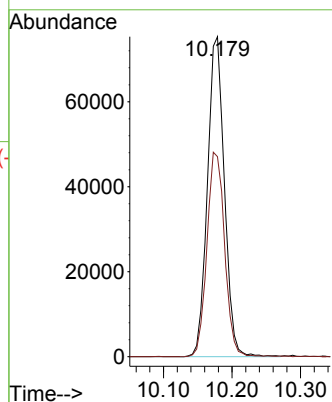
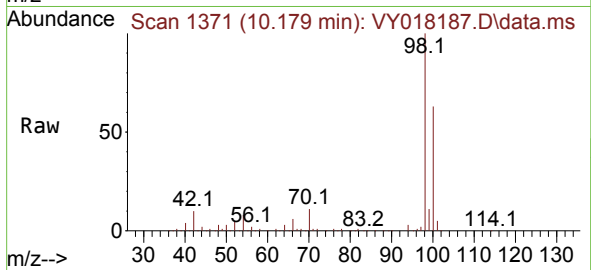




#50
Toluene-d8
Concen: 51.911 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

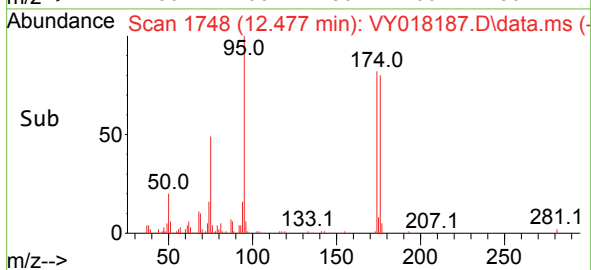
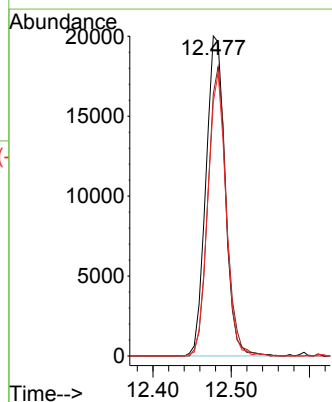
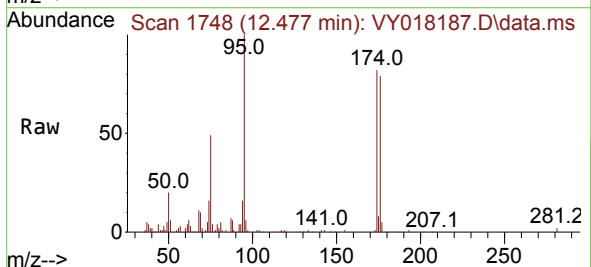
Instrument :
MSVOA_Y
ClientSampleId :

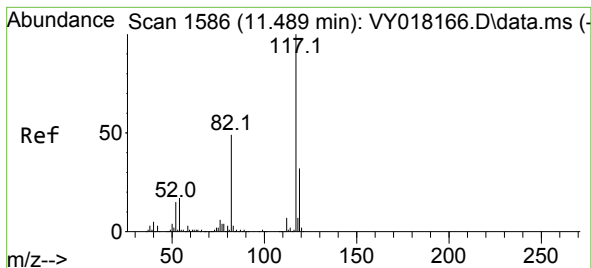
Tgt Ion: 98 Resp: 129562
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.250 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

Tgt Ion: 95 Resp: 34054
Ion Ratio Lower Upper
95 100
174 86.7 0.0 175.6
176 83.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

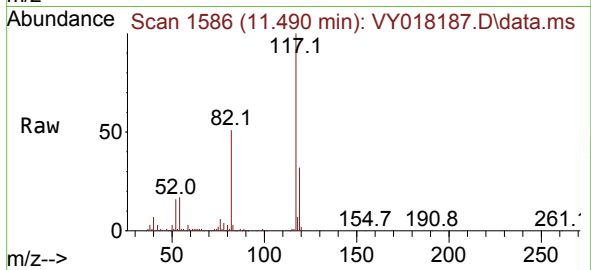
Lab File: VY018187.D

Acq: 08 May 2024 14:45

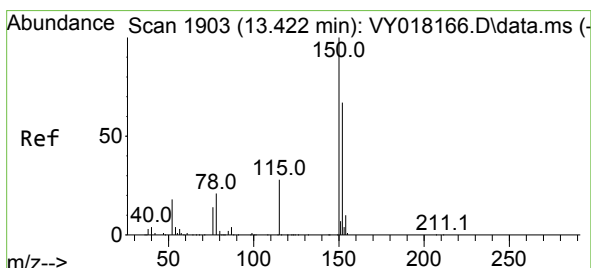
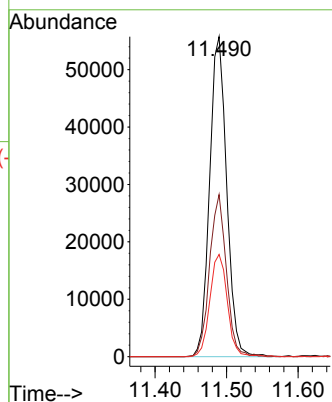
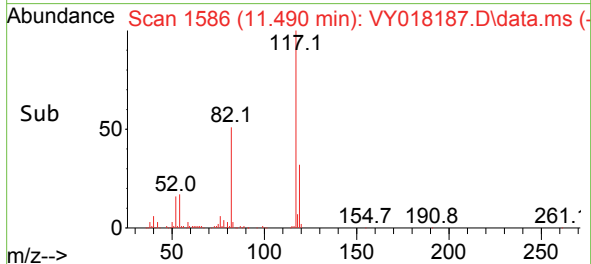
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	92307
Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.4	63.6
119	31.9	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

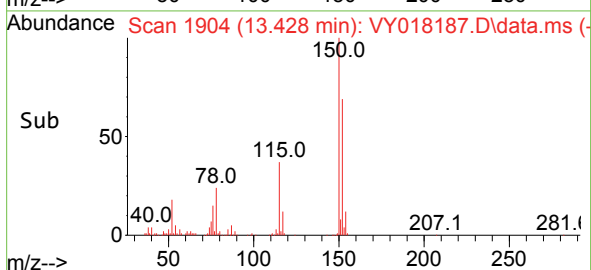
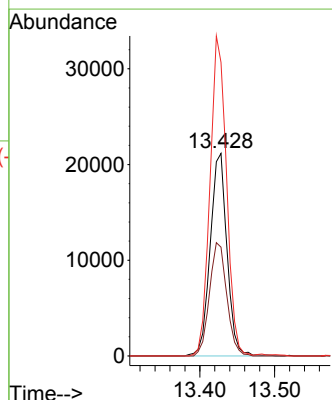
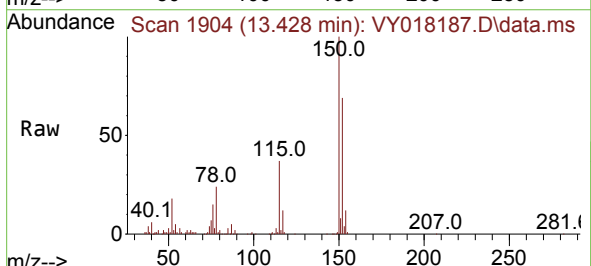
RT: 13.428 min Scan# 1904

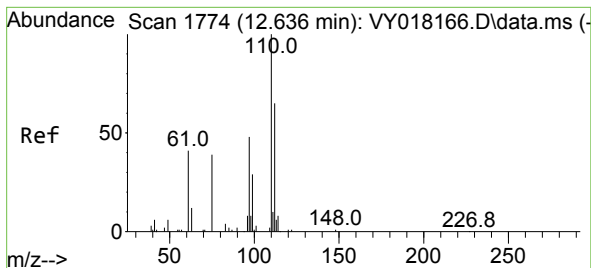
Delta R.T. 0.006 min

Lab File: VY018187.D

Acq: 08 May 2024 14:45

Tgt Ion:	152	Resp:	33057
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.2	84.7
150	154.4	0.0	345.6





#76

1,2,3-Trichloropropane

Concen: 62.200 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

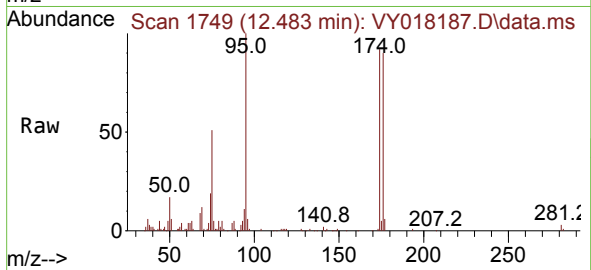
Lab File: VY018187.D

Acq: 08 May 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

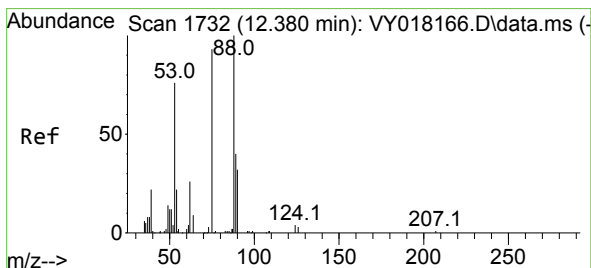
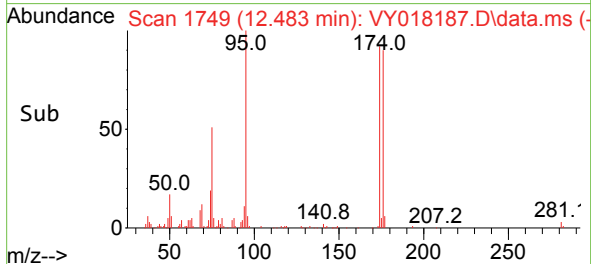
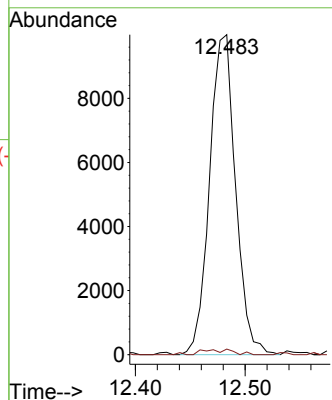


Tgt Ion: 75 Resp: 16458

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.838 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018187.D

Acq: 08 May 2024 14:45

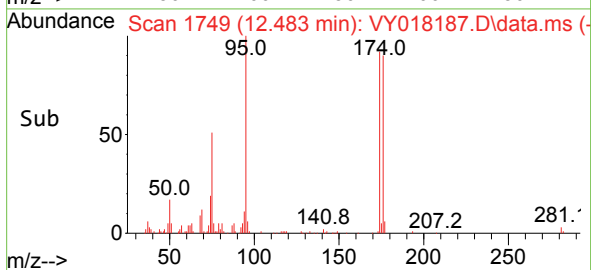
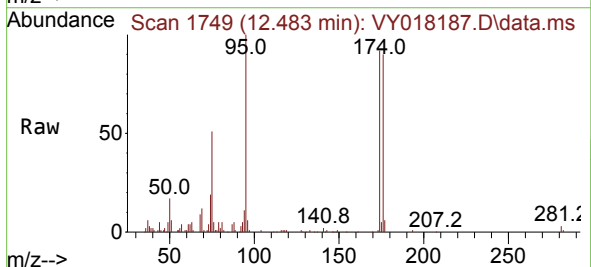
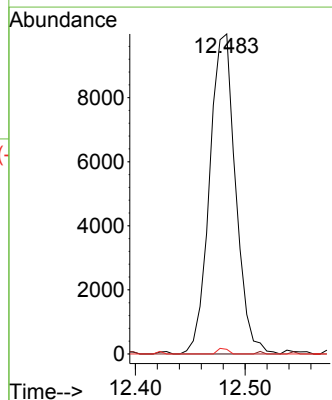
Tgt Ion: 75 Resp: 16458

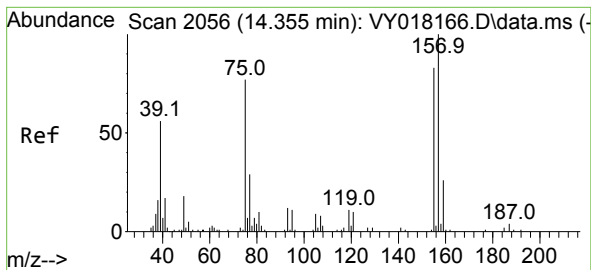
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

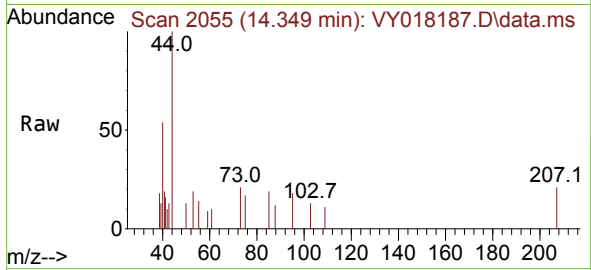
89 0.7 35.8 53.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.040 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY018187.D
 Acq: 08 May 2024 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#

