

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018135.D
 Acq On : 03 May 2024 12:10
 Operator : SY/MD
 Sample : P2331-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 02:55:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

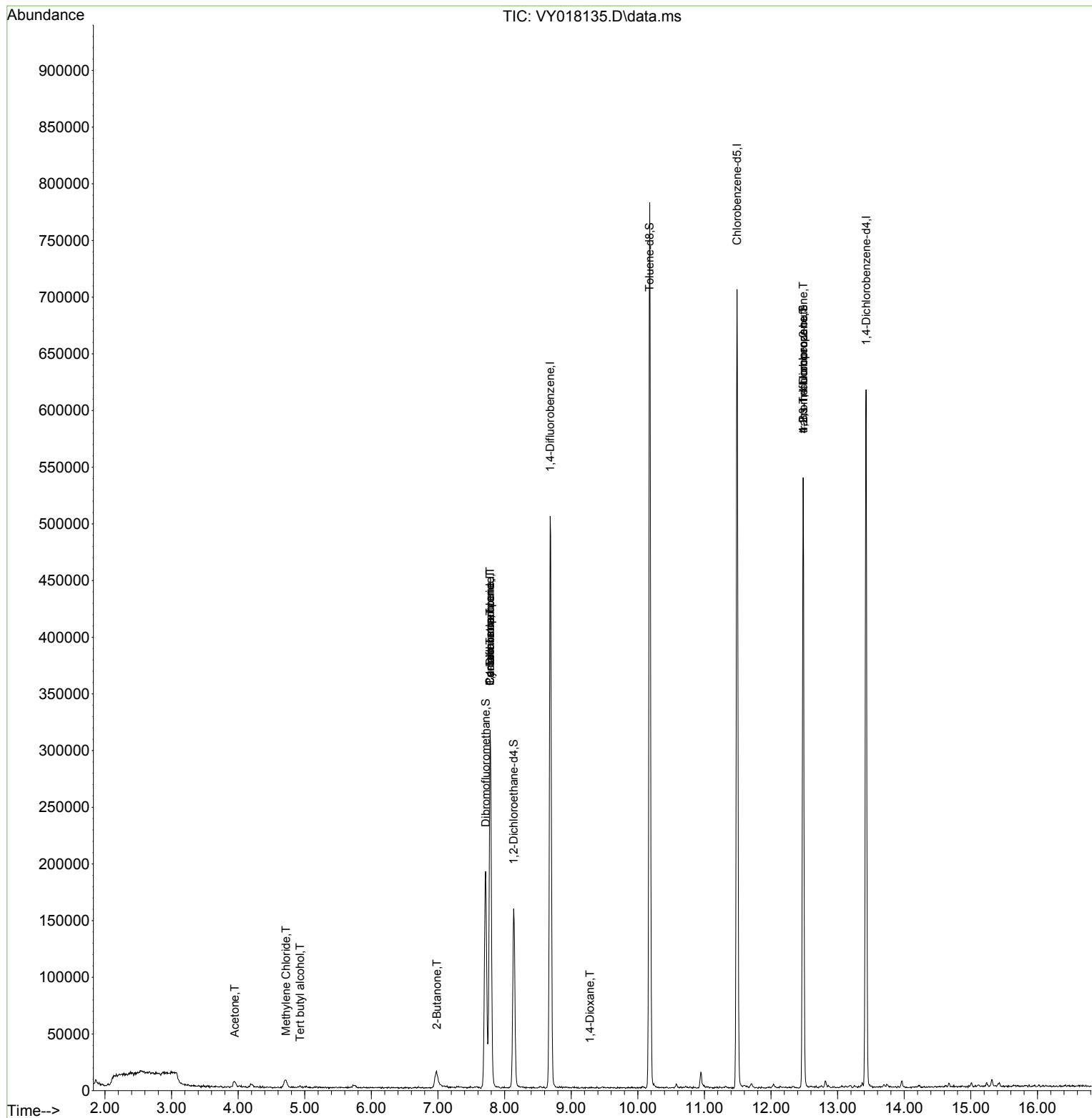
Internal Standards						
1) Pentafluorobenzene	7.783	168	265817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	469126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	416316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113971	54.394	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.780%			
35) Dibromofluoromethane	7.716	113	137770	51.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.200%			
50) Toluene-d8	10.179	98	523168	49.709	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.483	95	166543	45.981	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.960%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	291	1.704	ug/l #	1
16) Acetone	3.948	43	9218	23.094	ug/l #	86
20) Methylene Chloride	4.716	84	5834	2.086	ug/l	84
25) 2-Butanone	6.984	43	2448	3.942	ug/l #	87
31) Cyclohexane	7.783	56	5474	1.363	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17161	4.769	ug/l #	51
38) Carbon Tetrachloride	7.783	117	24339	5.959	ug/l #	18
49) 1,4-Dioxane	9.283	88	24	1.410	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	80978	57.093	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80978	104.011	ug/l #	16

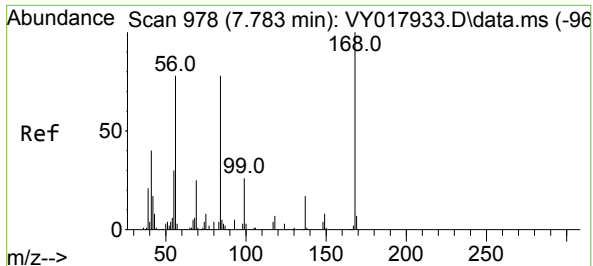
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

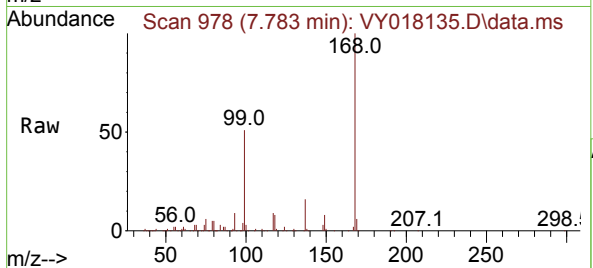
Quant Time: May 06 02:55:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration



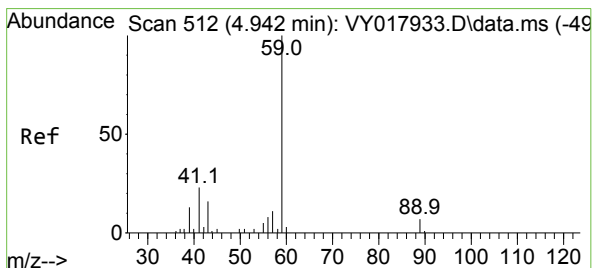
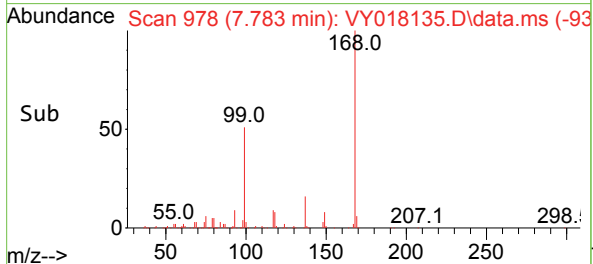
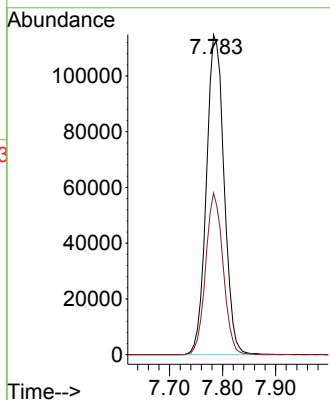


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

Instrument :
MSVOA_Y
ClientSampleId :

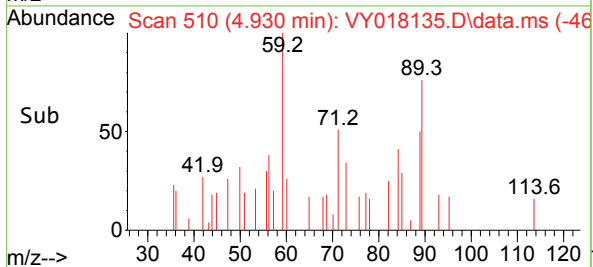
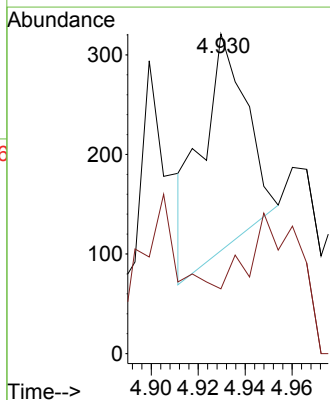
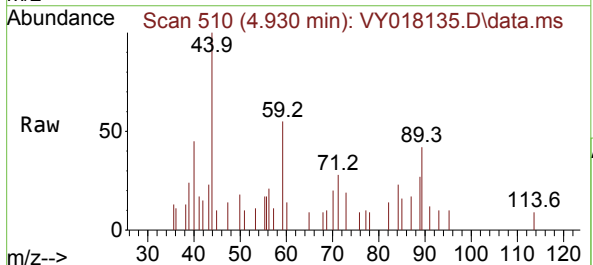


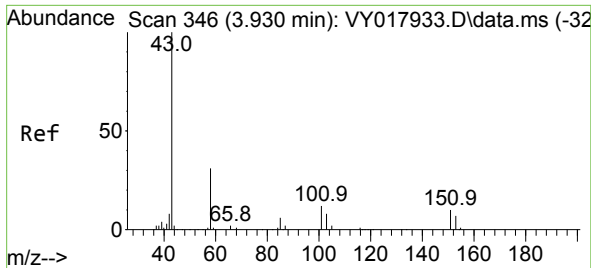
Tgt Ion:168 Resp: 265817
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.704 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

Tgt Ion: 59 Resp: 291
Ion Ratio Lower Upper
59 100
57 80.4 3.0 4.6#





#16

Acetone

Concen: 23.094 ug/l

RT: 3.948 min Scan# 346

Delta R.T. 0.000 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

Instrument :

MSVOA_Y

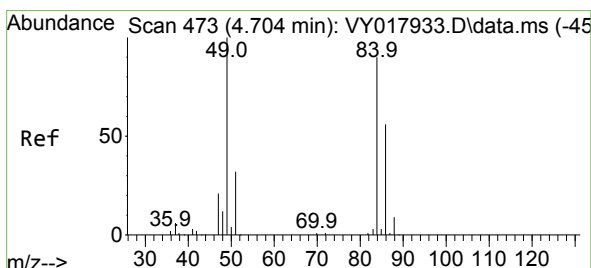
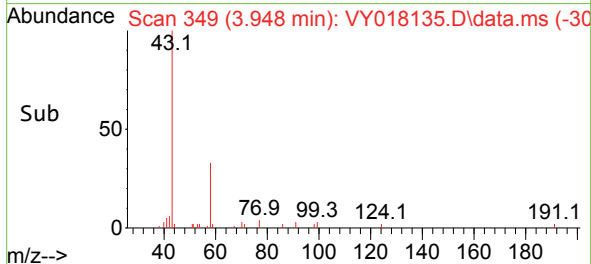
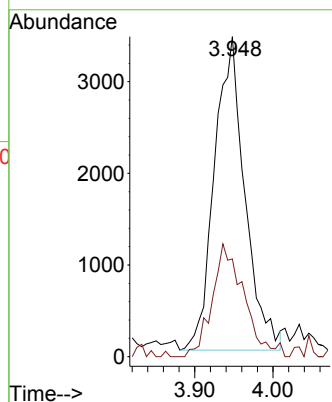
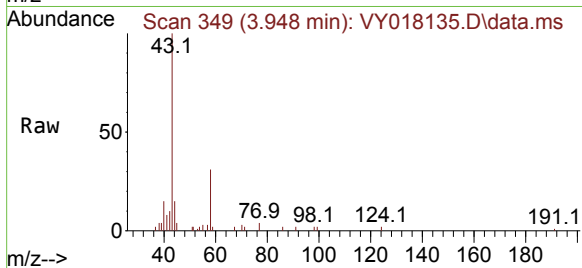
ClientSampleId :

Tgt Ion: 43 Resp: 9218

Ion Ratio Lower Upper

43 100

58 31.2 31.7 47.5#



#20

Methylene Chloride

Concen: 2.086 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

Tgt Ion: 84 Resp: 5834

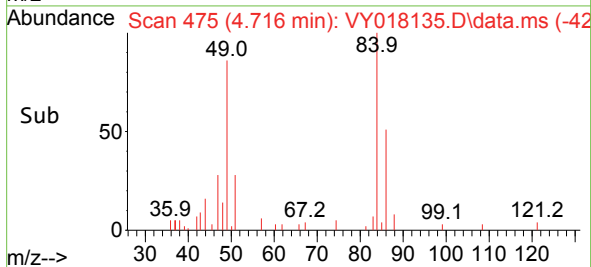
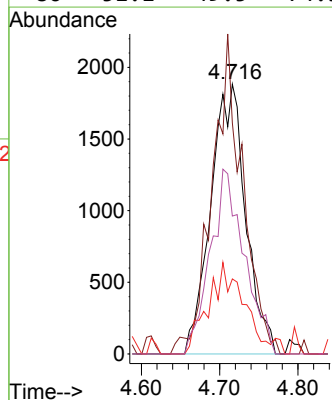
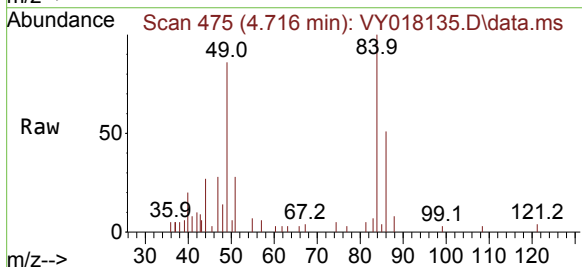
Ion Ratio Lower Upper

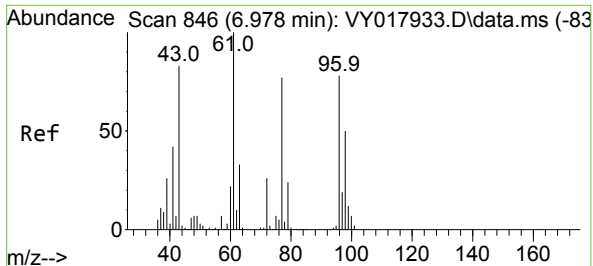
84 100

49 85.6 84.4 126.6

51 27.8 26.0 39.0

86 51.1 49.5 74.3





#25

2-Butanone

Concen: 3.942 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

Instrument :

MSVOA_Y

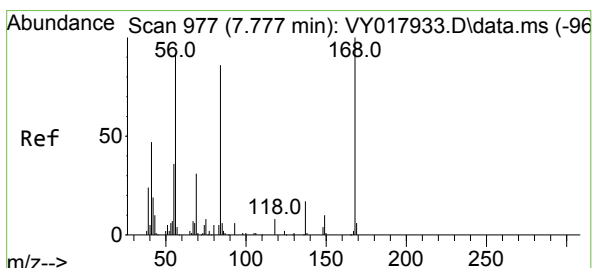
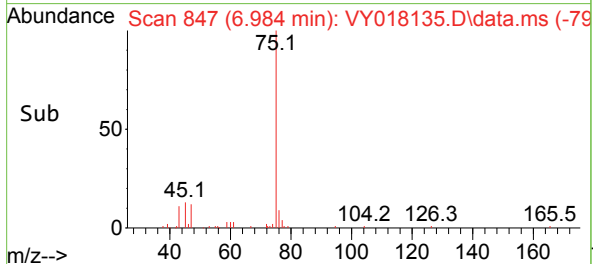
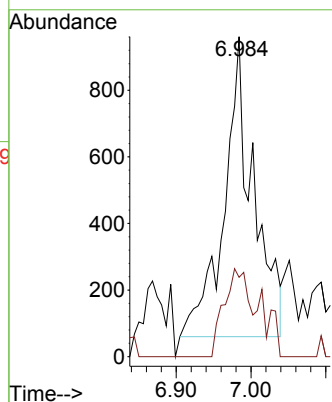
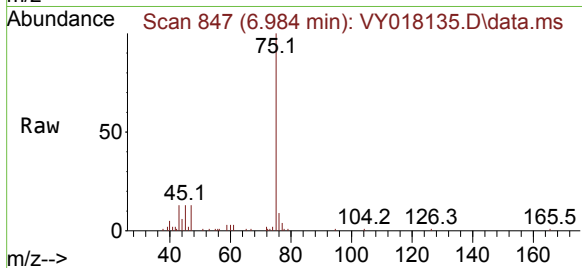
ClientSampleId :

Tgt Ion: 43 Resp: 2448

Ion Ratio Lower Upper

43 100

72 26.4 27.3 40.9#



#31

Cyclohexane

Concen: 1.363 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

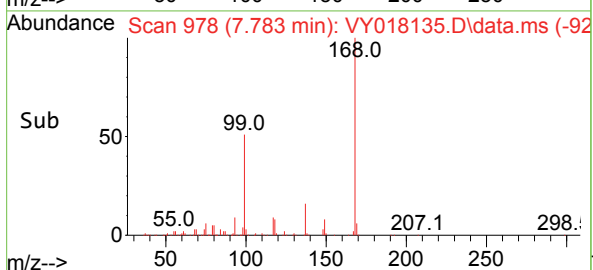
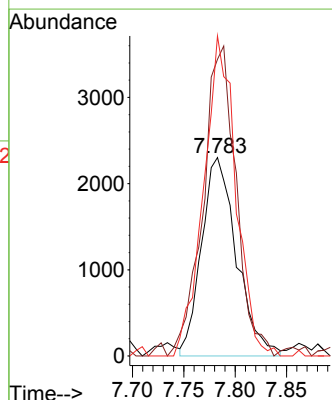
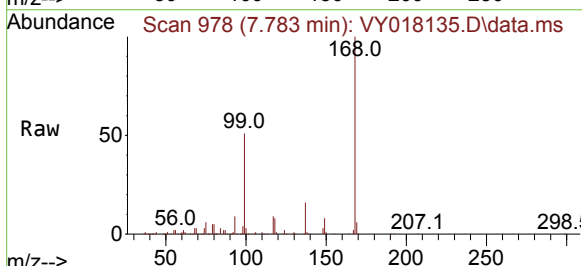
Tgt Ion: 56 Resp: 5474

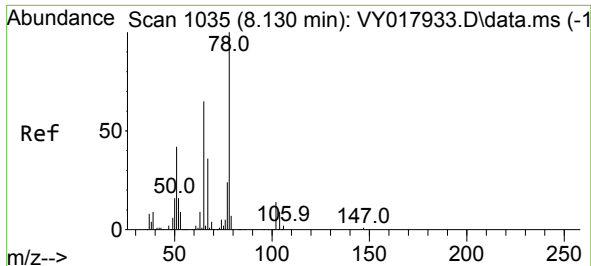
Ion Ratio Lower Upper

56 100

69 151.1 28.7 43.1#

84 165.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 54.394 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

Instrument :

MSVOA_Y

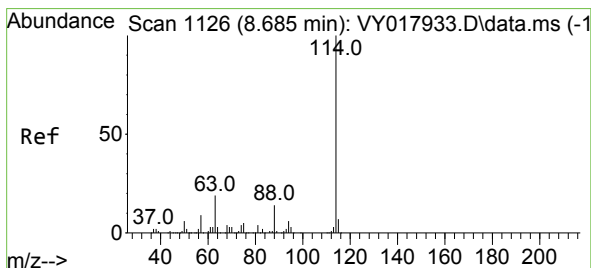
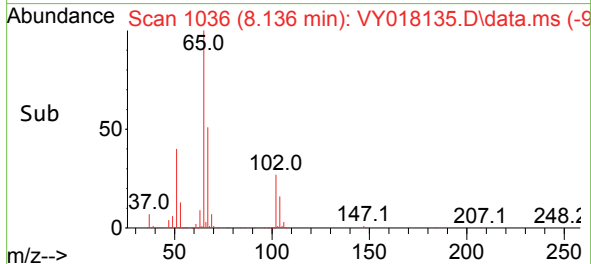
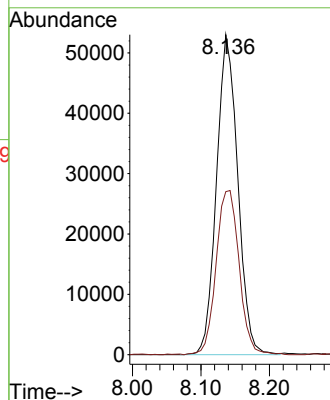
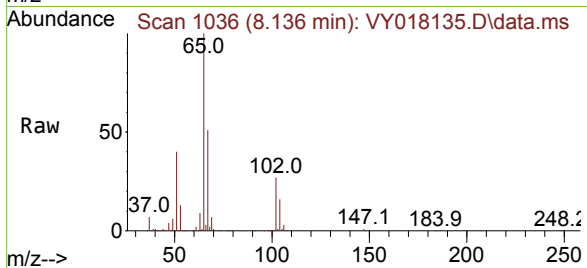
ClientSampleId :

Tgt Ion: 65 Resp: 113971

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

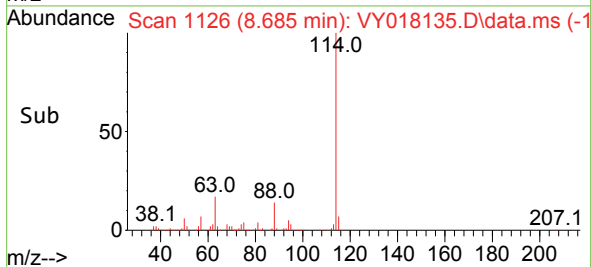
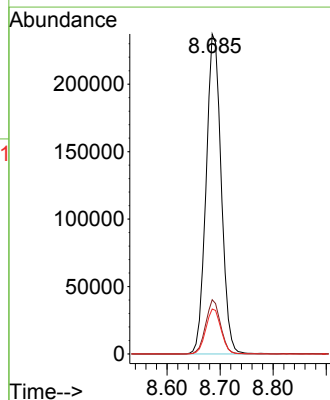
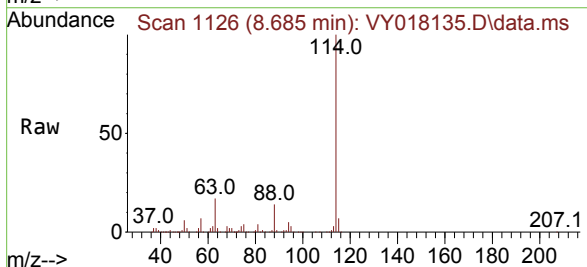
Tgt Ion:114 Resp: 469126

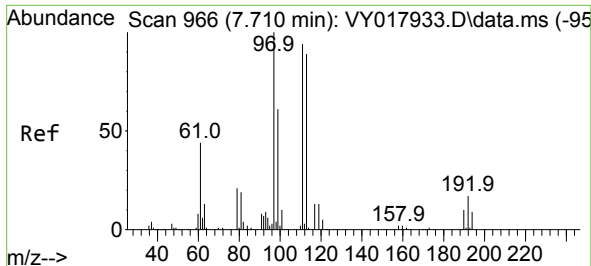
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.103 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

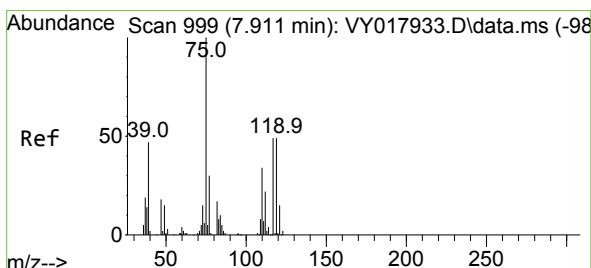
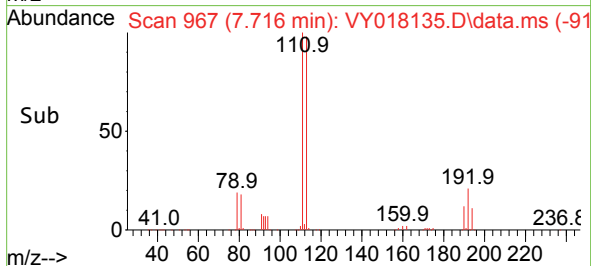
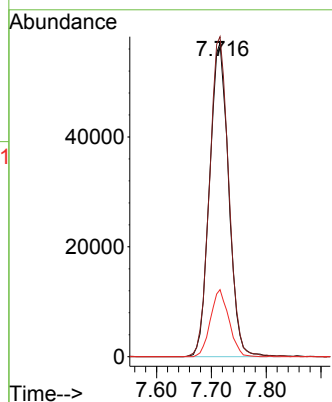
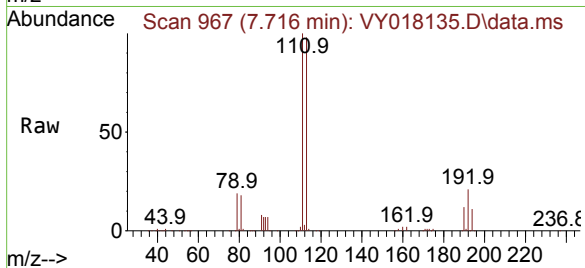
Tgt Ion:113 Resp: 137770

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 20.7 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.769 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

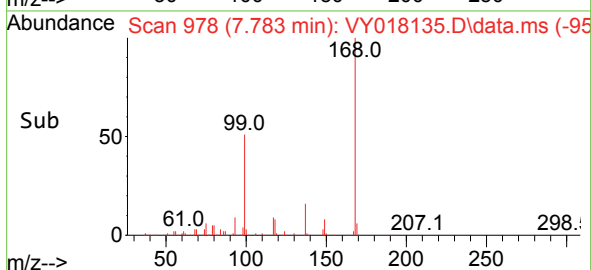
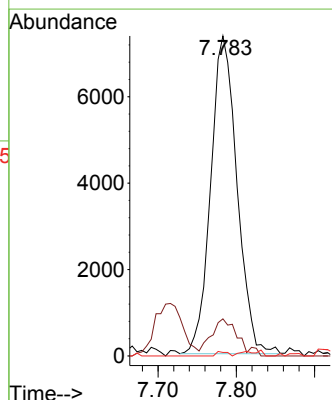
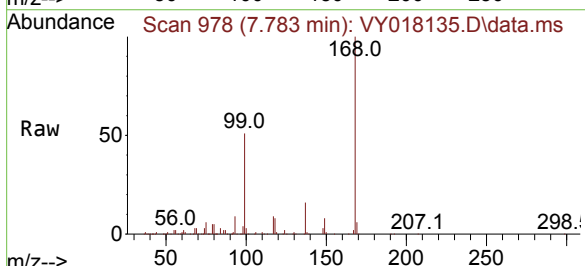
Tgt Ion: 75 Resp: 17161

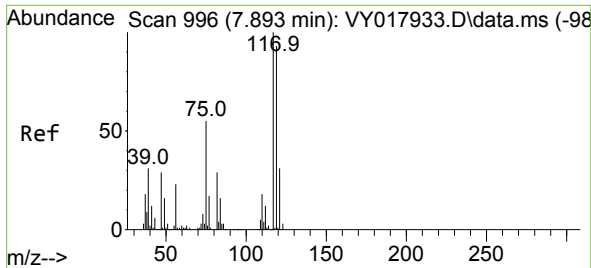
Ion Ratio Lower Upper

75 100

110 11.9 19.0 57.0#

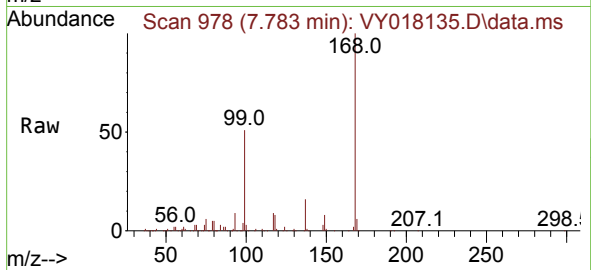
77 0.6 25.3 37.9#



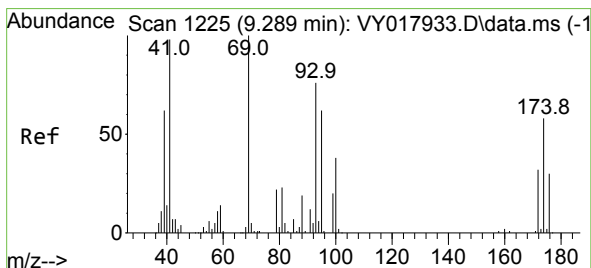
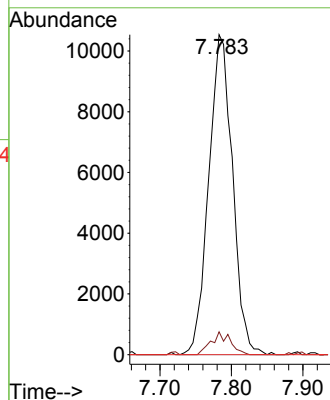
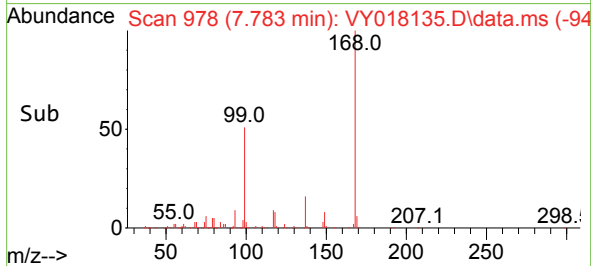


#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

Instrument :
MSVOA_Y
ClientSampleId :

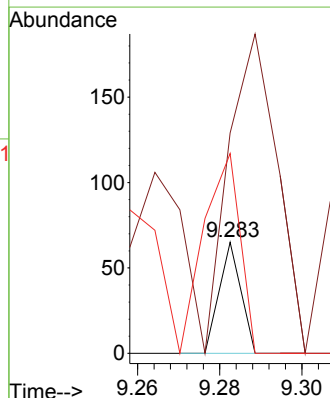
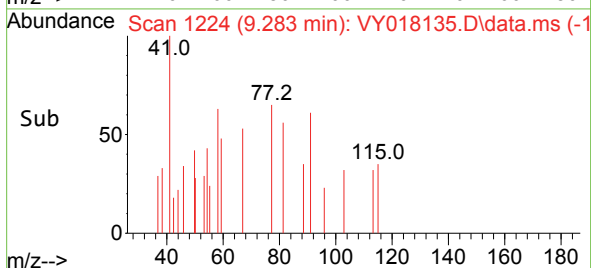
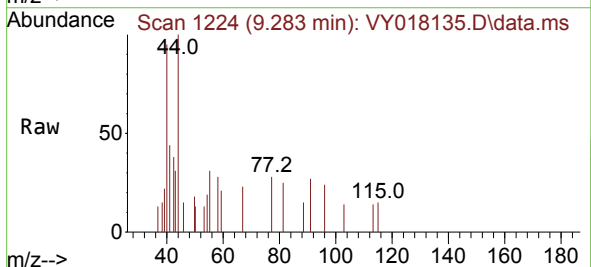


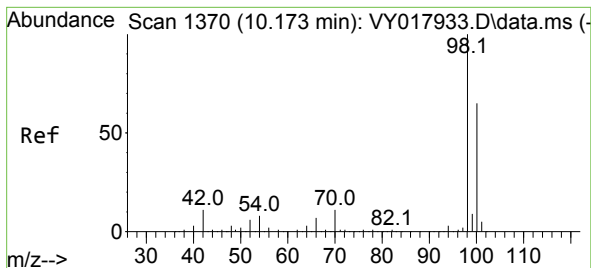
Tgt Ion:117 Resp: 24339
Ion Ratio Lower Upper
117 100
119 7.2 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.410 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 641.7 0.0 0.0#
58 300.0 49.3 73.9#

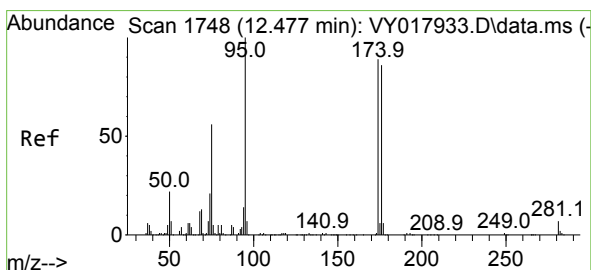
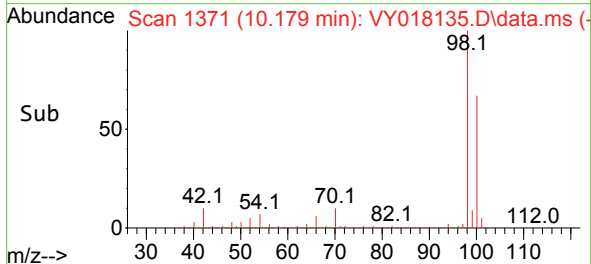
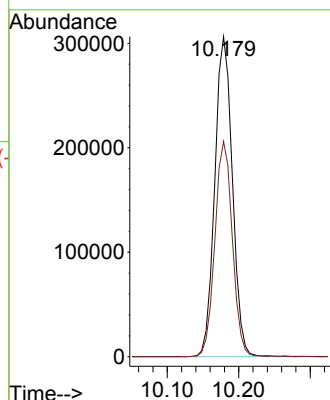
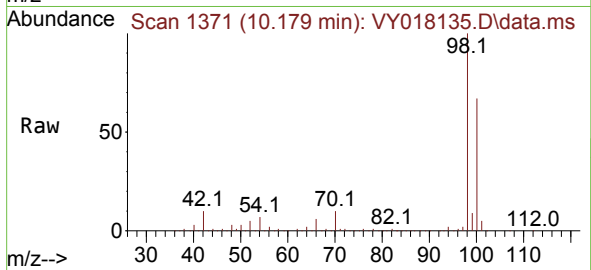




#50
Toluene-d8
Concen: 49.709 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

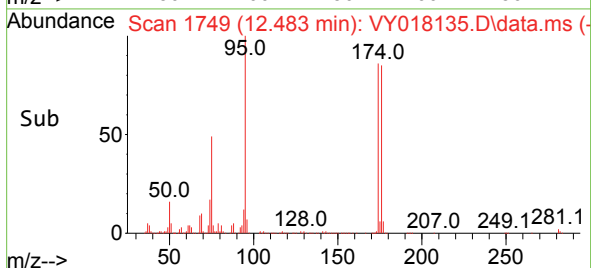
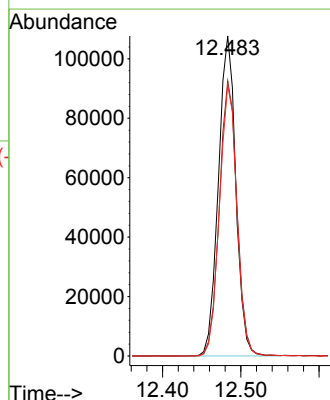
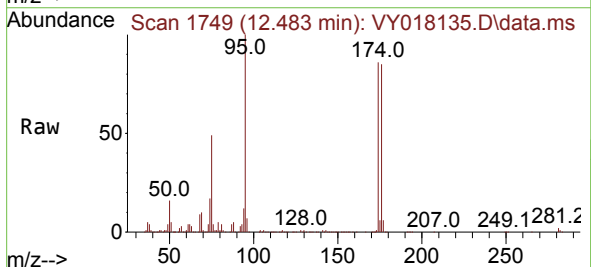
Instrument :
MSVOA_Y
ClientSampleId :

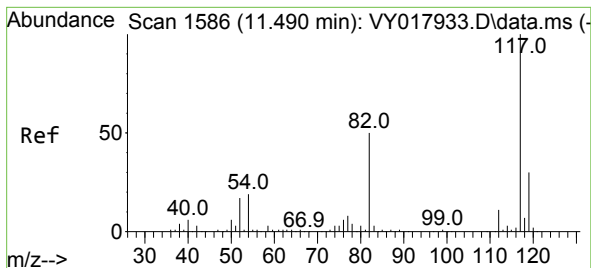
Tgt Ion: 98 Resp: 523168
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.981 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

Tgt Ion: 95 Resp: 166543
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 84.8 0.0 171.4

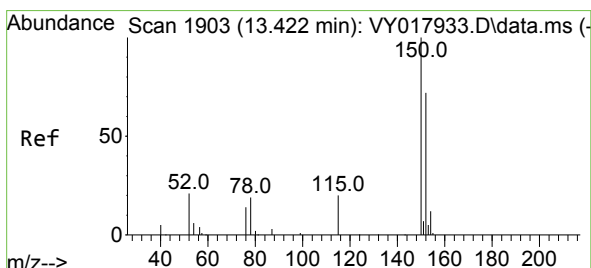
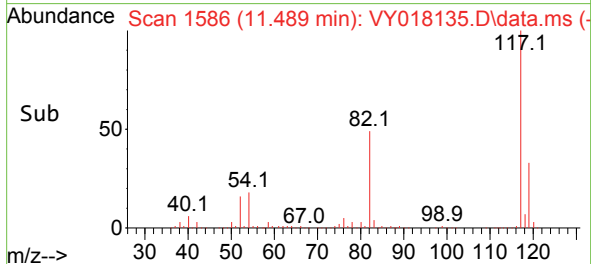
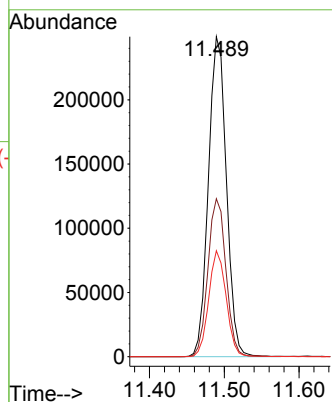
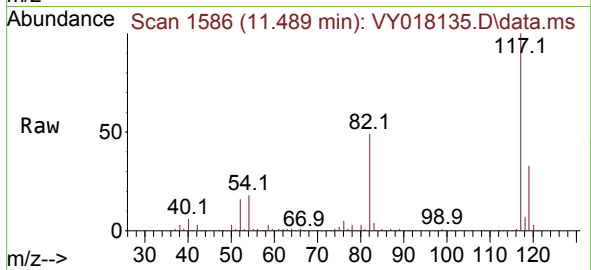




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

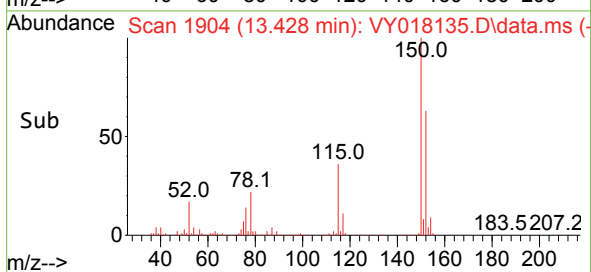
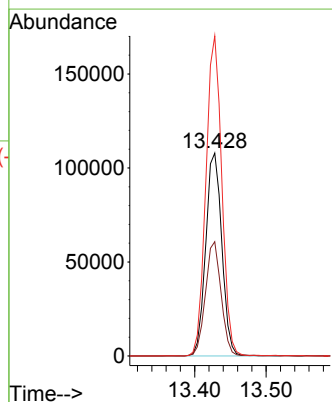
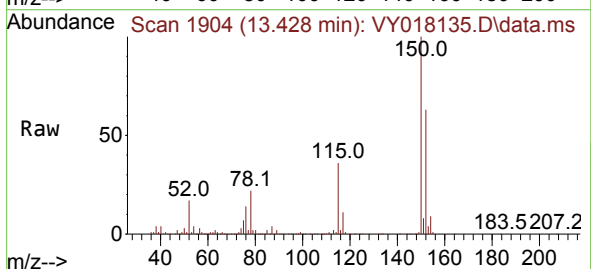
Instrument :
MSVOA_Y
ClientSampleId :

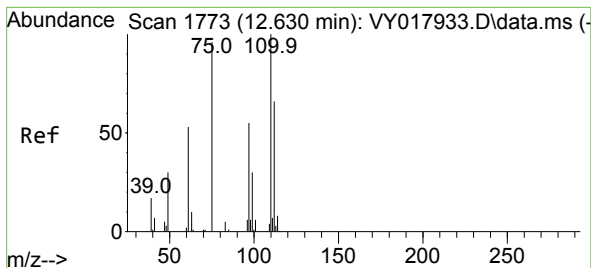
Tgt Ion:117 Resp: 416316
Ion Ratio Lower Upper
117 100
82 49.3 42.4 63.6
119 33.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

Tgt Ion:152 Resp: 169001
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 155.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 57.093 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

Instrument :

MSVOA_Y

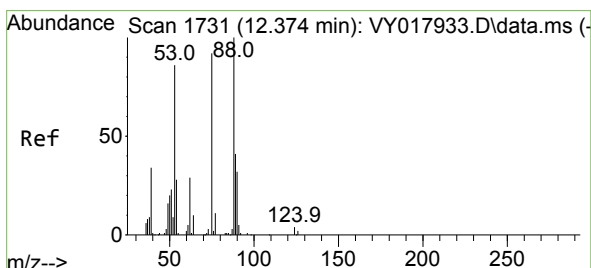
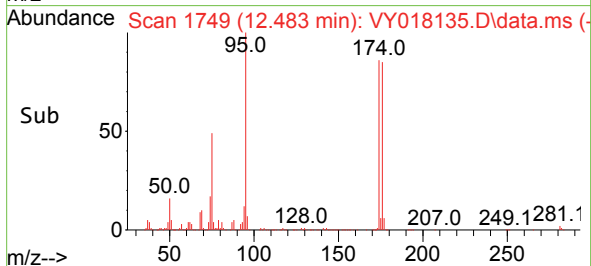
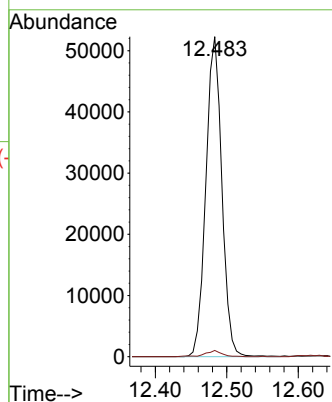
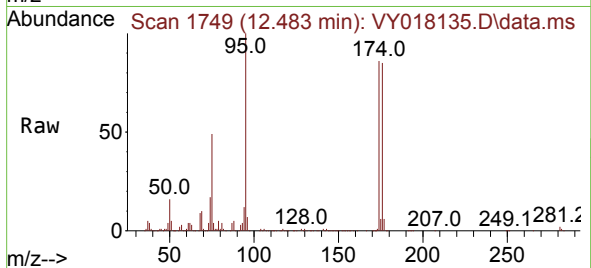
ClientSampleId :

Tgt Ion: 75 Resp: 80978

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.011 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

Tgt Ion: 75 Resp: 80978

Ion Ratio Lower Upper

75 100

53 0.3 66.8 100.2#

89 0.1 35.8 53.6#

