

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019101.D
 Acq On : 16 Aug 2024 18:22
 Operator : SY/MD
 Sample : P3579-01
 Misc : 4.71g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 17 00:08:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

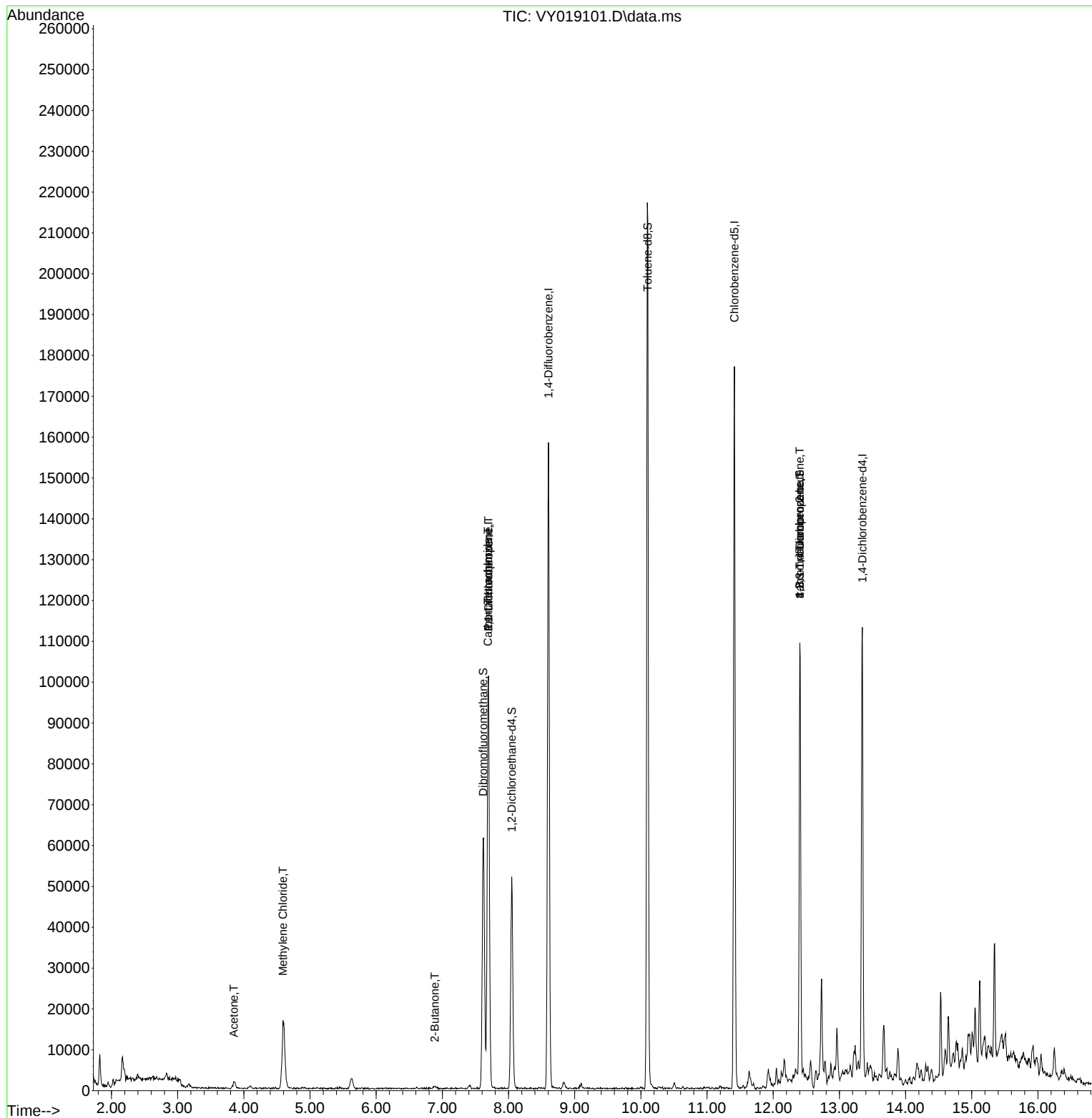
Internal Standards						
1) Pentafluorobenzene	7.695	168	79409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	132947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	95324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	27557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	39380	49.472	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.940%		
35) Dibromofluoromethane	7.616	113	43789	50.374	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.740%		
50) Toluene-d8	10.103	98	140414	44.886	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.780%		
62) 4-Bromofluorobenzene	12.402	95	32627	30.595	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	61.180%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.599	94	273	Below Cal	#	32
6) Chloroethane	2.714	64	99	Below Cal	#	38
11) Tert butyl alcohol	4.818	59	44	Below Cal	#	88
16) Acetone	3.848	43	2892	19.590	ug/l #	85
20) Methylene Chloride	4.592	84	12027	3.635	ug/l	92
25) 2-Butanone	6.884	43	898	3.777	ug/l #	41
31) Cyclohexane	7.683	56	1904	Below Cal	#	42
36) 1,1-Dichloropropene	7.695	75	5925	4.964	ug/l #	47
38) Carbon Tetrachloride	7.689	117	8153	5.894	ug/l #	18
76) 1,2,3-Trichloropropane	12.402	75	17528	64.498	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	17528	159.287	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
Data File : VY019101.D
Acq On : 16 Aug 2024 18:22
Operator : SY/MD
Sample : P3579-01
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

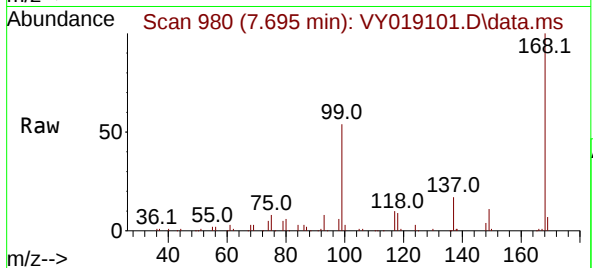
Quant Time: Aug 17 00:08:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration



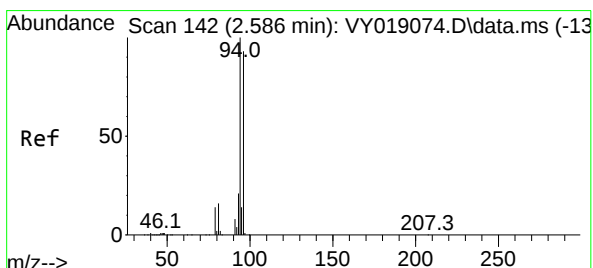
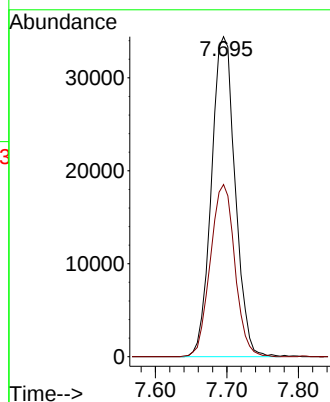
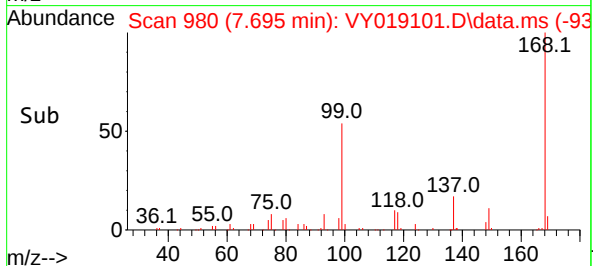


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019101.D
Acq: 16 Aug 2024 18:22

Instrument :
MSVOA_Y
ClientSampleId :

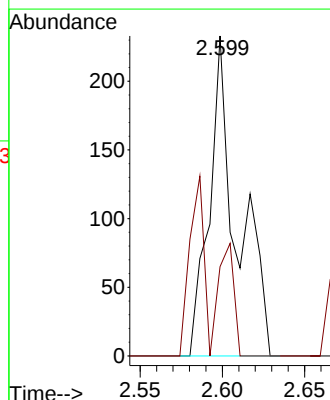
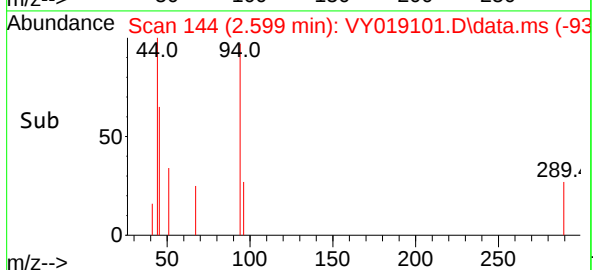
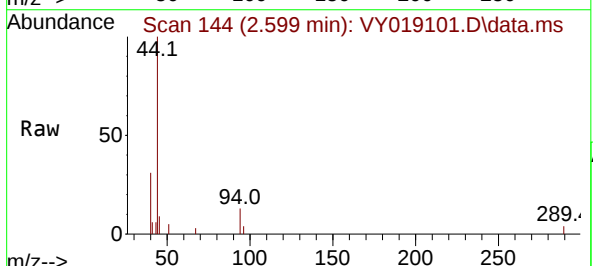


Tgt Ion:168 Resp: 79409
Ion Ratio Lower Upper
168 100
99 53.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.599 min Scan# 144
Delta R.T. 0.013 min
Lab File: VY019101.D
Acq: 16 Aug 2024 18:22

Tgt Ion: 94 Resp: 273
Ion Ratio Lower Upper
94 100
96 27.9 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.818 min Scan# 508

Delta R.T. -0.024 min

Lab File: VY019101.D

Acq: 16 Aug 2024 18:22

Instrument :

MSVOA_Y

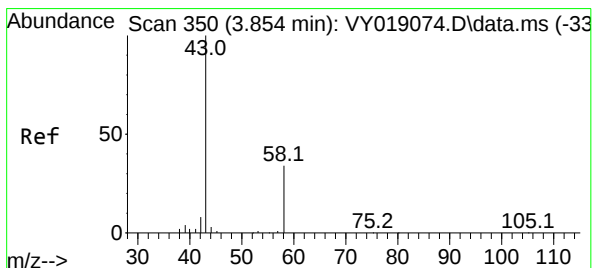
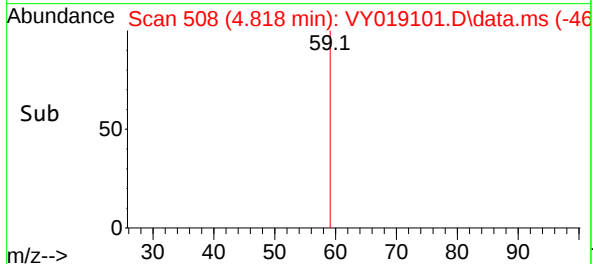
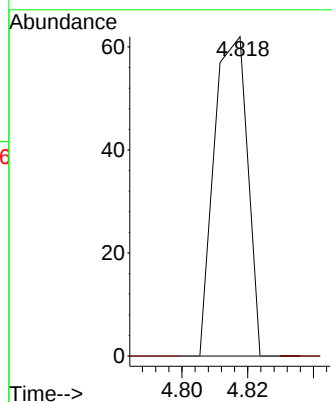
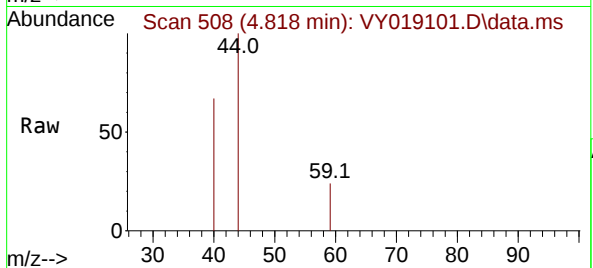
ClientSampleId :

Tgt Ion: 59 Resp: 44

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 19.590 ug/l

RT: 3.848 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY019101.D

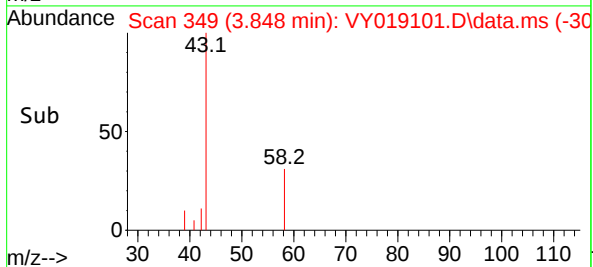
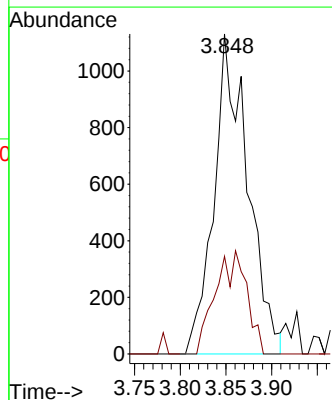
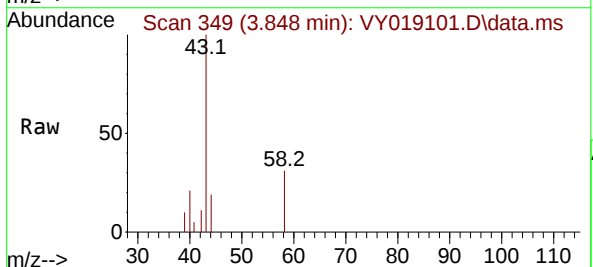
Acq: 16 Aug 2024 18:22

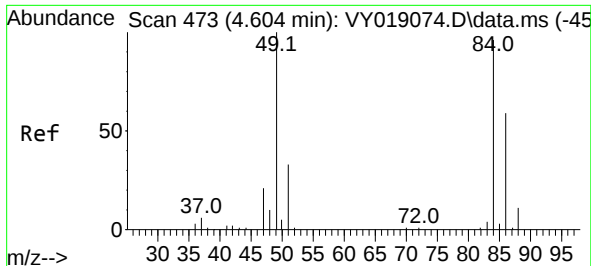
Tgt Ion: 43 Resp: 2892

Ion Ratio Lower Upper

43 100

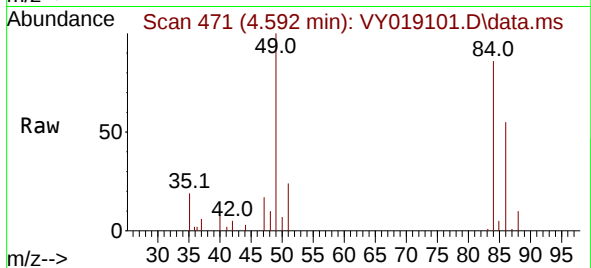
58 30.5 31.7 47.5#





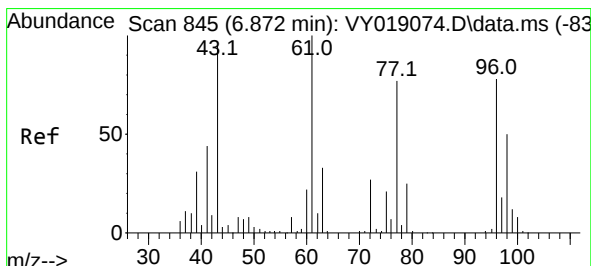
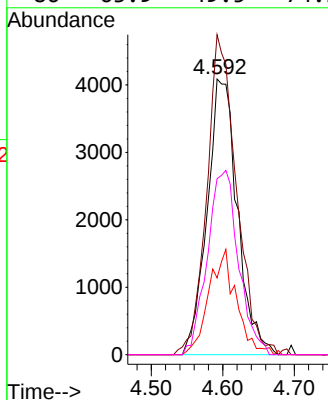
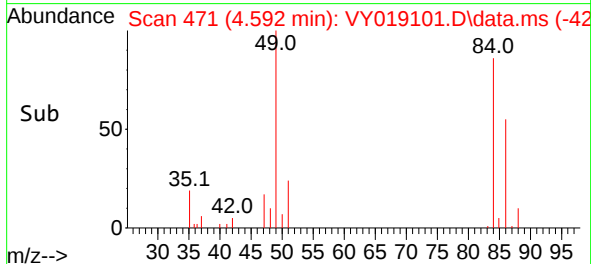
#20
Methylene Chloride
Concen: 3.635 ug/l
RT: 4.592 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019101.D
Acq: 16 Aug 2024 18:22

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 12027

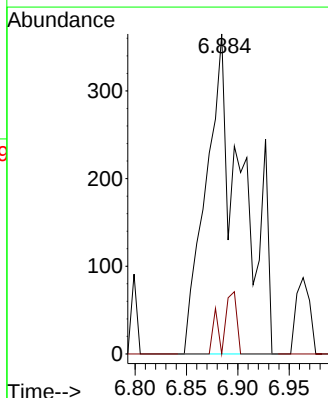
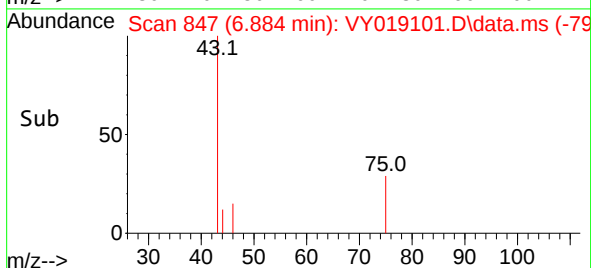
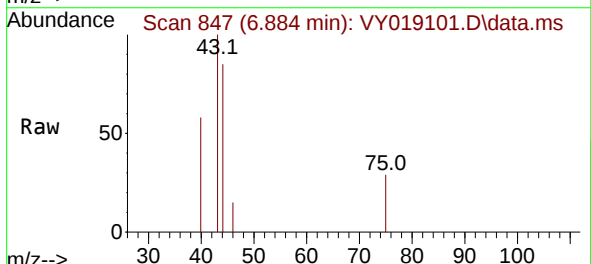
Ion	Ratio	Lower	Upper
84	100		
49	116.1	84.4	126.6
51	27.9	26.0	39.0
86	63.9	49.5	74.3

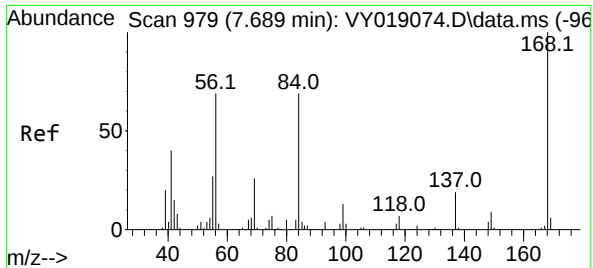


#25
2-Butanone
Concen: 3.777 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.013 min
Lab File: VY019101.D
Acq: 16 Aug 2024 18:22

Tgt Ion: 43 Resp: 898

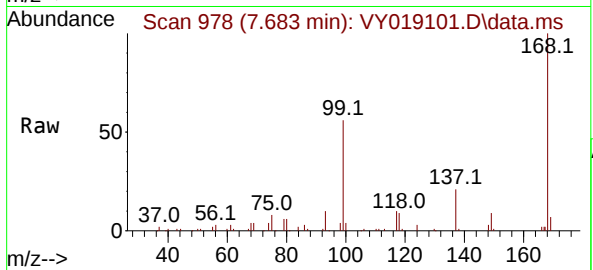
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



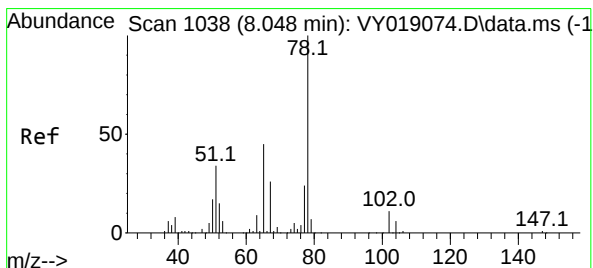
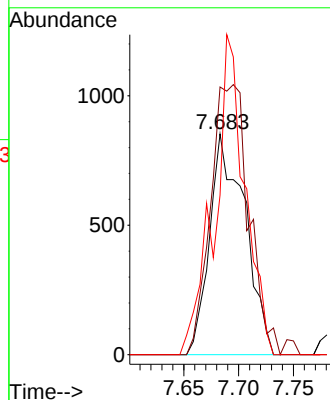
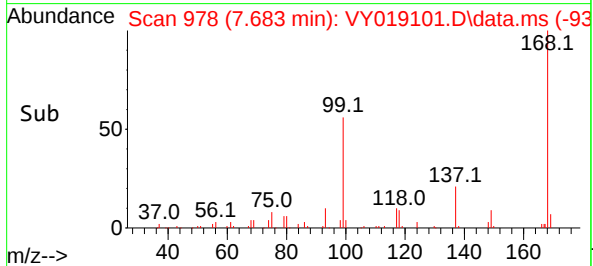


#31
Cyclohexane
Concen: Below Cal
RT: 7.683 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019101.D
Acq: 16 Aug 2024 18:22

Instrument :
MSVOA_Y
ClientSampleId :

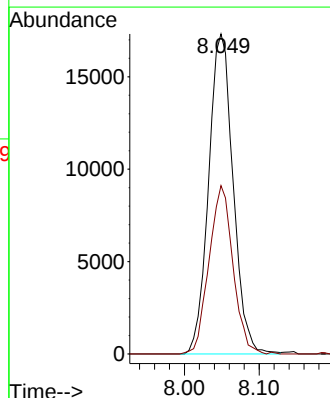
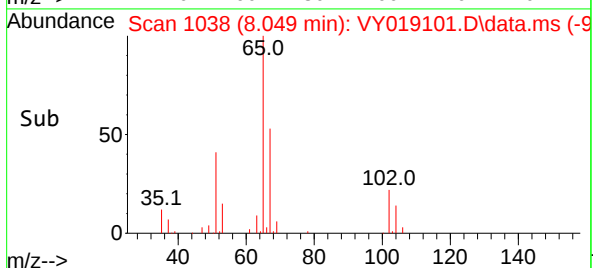
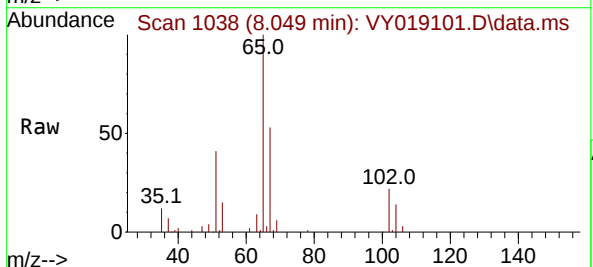


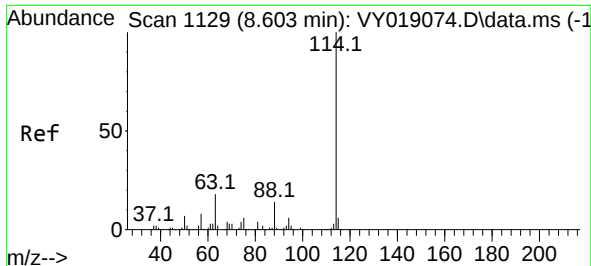
Tgt Ion: 56 Resp: 1904
Ion Ratio Lower Upper
56 100
69 121.2 28.7 43.1#
84 72.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.472 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019101.D
Acq: 16 Aug 2024 18:22

Tgt Ion: 65 Resp: 39380
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6

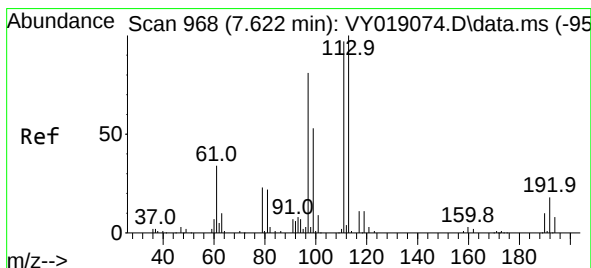
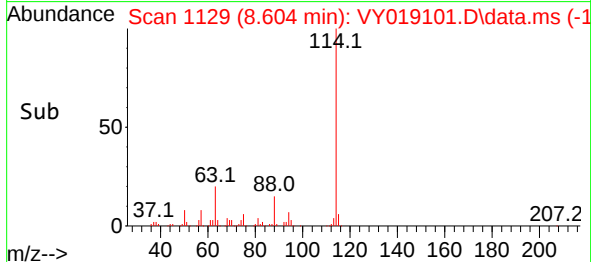
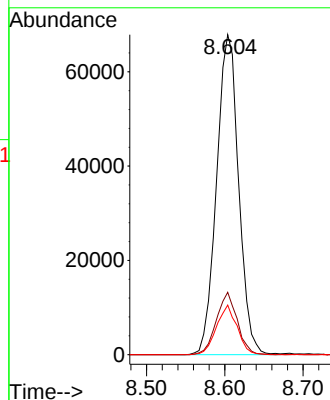
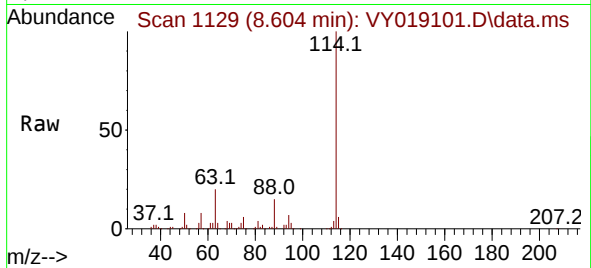




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.604 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019101.D
Acq: 16 Aug 2024 18:22

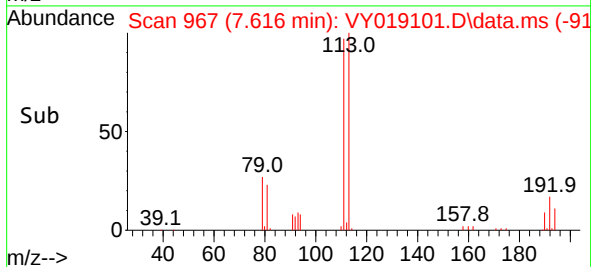
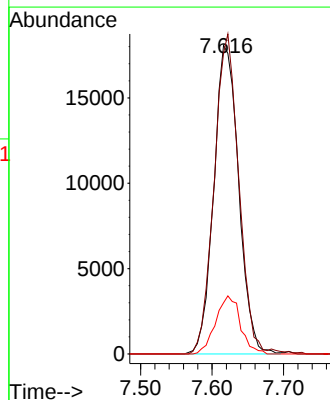
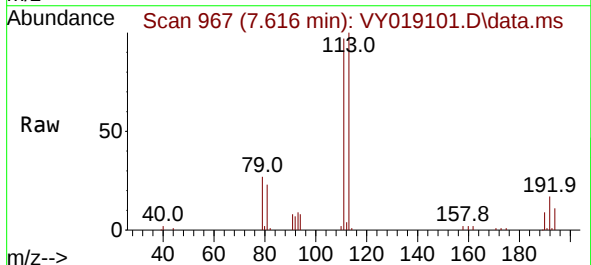
Instrument :
MSVOA_Y
ClientSampleId :

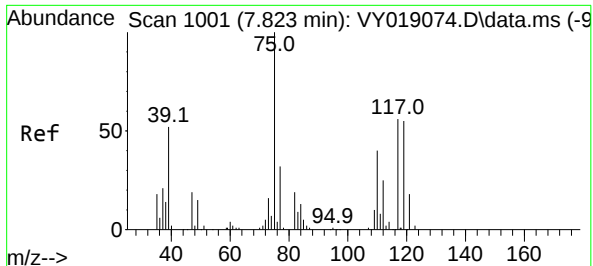
Tgt Ion:114 Resp: 132947
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.374 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY019101.D
Acq: 16 Aug 2024 18:22

Tgt Ion:113 Resp: 43789
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.964 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.128 min

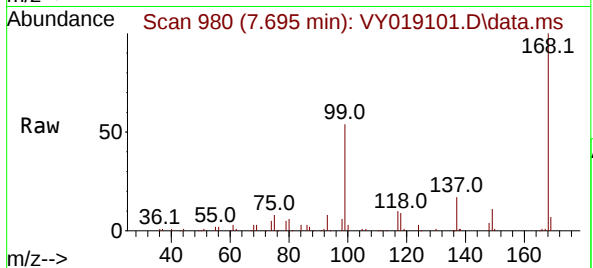
Lab File: VY019101.D

Acq: 16 Aug 2024 18:22

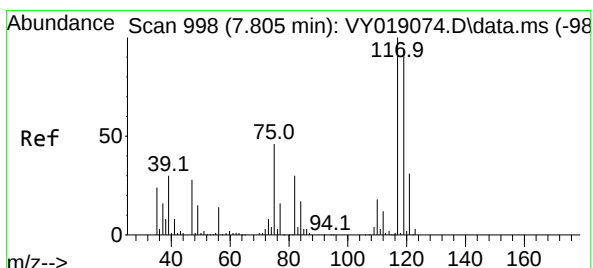
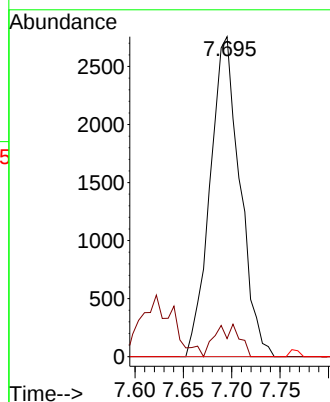
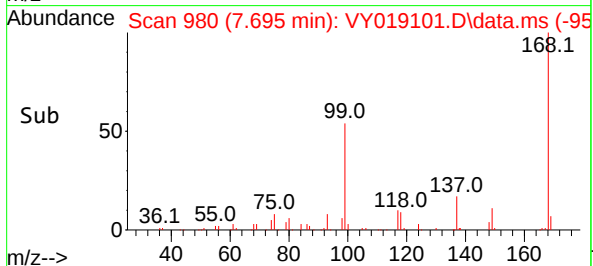
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 5925
Ion Ratio	Lower Upper
75 100	
110 8.1	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.894 ug/l

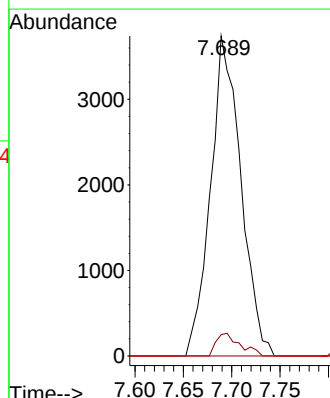
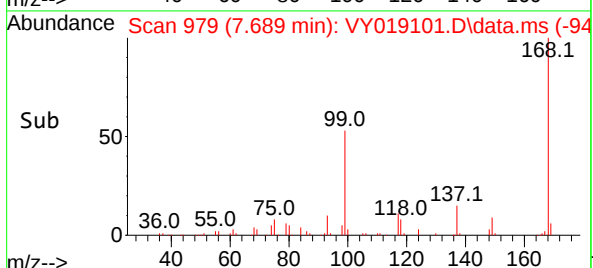
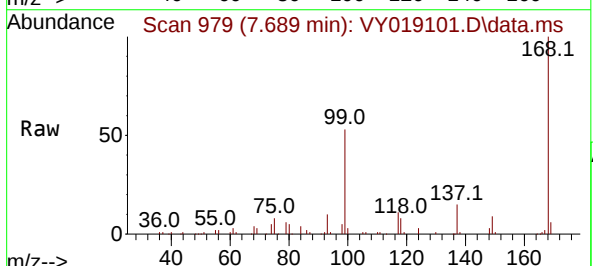
RT: 7.689 min Scan# 979

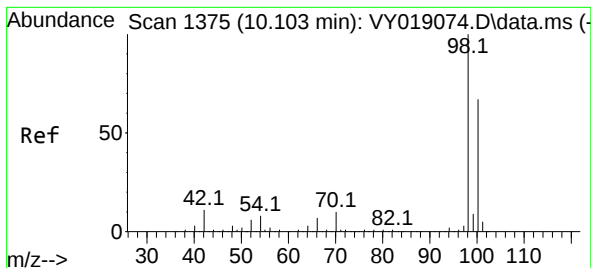
Delta R.T. -0.115 min

Lab File: VY019101.D

Acq: 16 Aug 2024 18:22

Tgt Ion: 117	Resp: 8153
Ion Ratio	Lower Upper
117 100	
119 6.7	75.8 113.6#
121 0.0	24.0 36.0#





#50

Toluene-d8

Concen: 44.886 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019101.D

Acq: 16 Aug 2024 18:22

Instrument :

MSVOA_Y

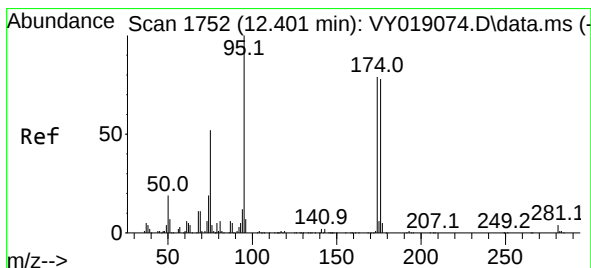
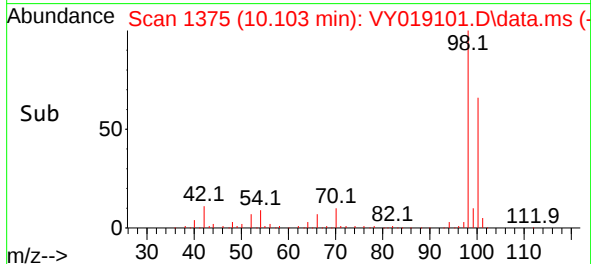
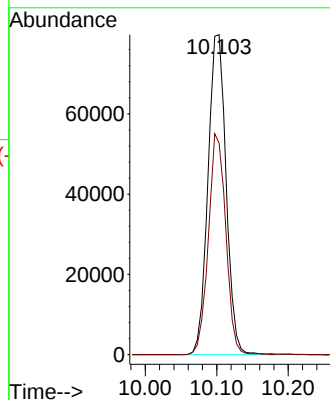
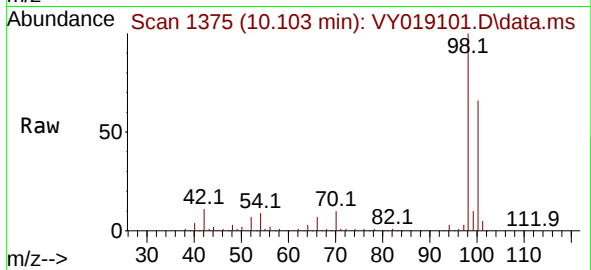
ClientSampleId :

Tgt Ion: 98 Resp: 140414

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 30.595 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019101.D

Acq: 16 Aug 2024 18:22

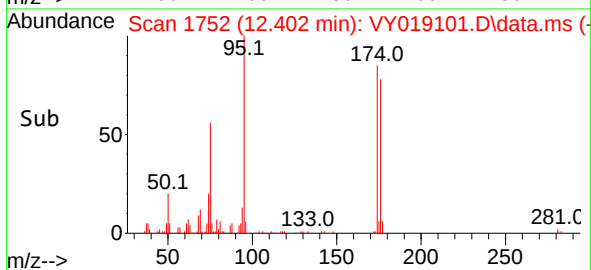
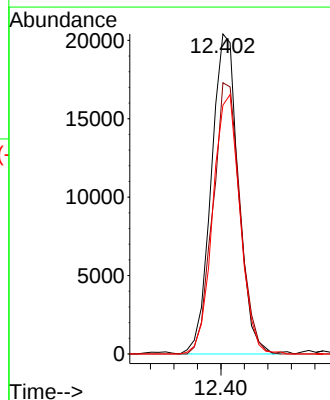
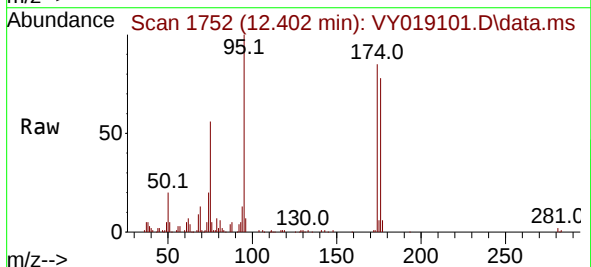
Tgt Ion: 95 Resp: 32627

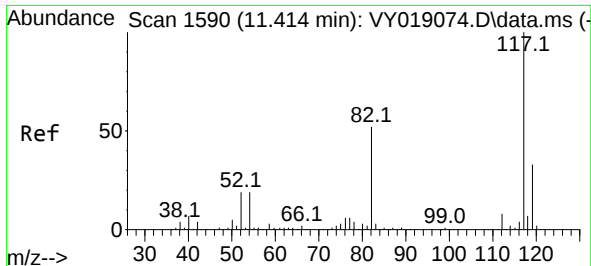
Ion Ratio Lower Upper

95 100

174 85.3 0.0 175.6

176 81.3 0.0 171.4

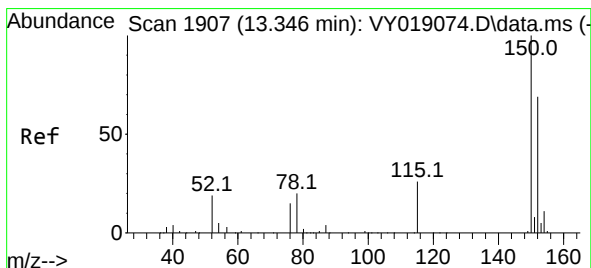
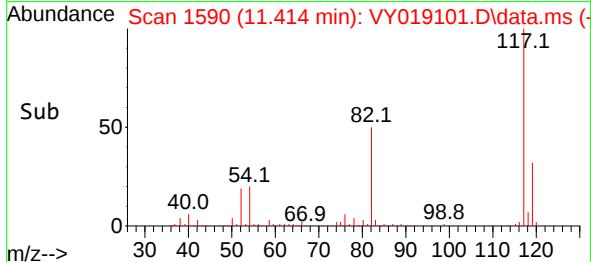
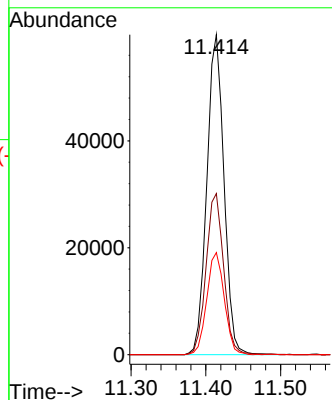
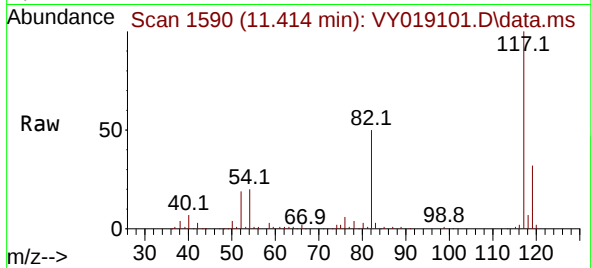




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019101.D
Acq: 16 Aug 2024 18:22

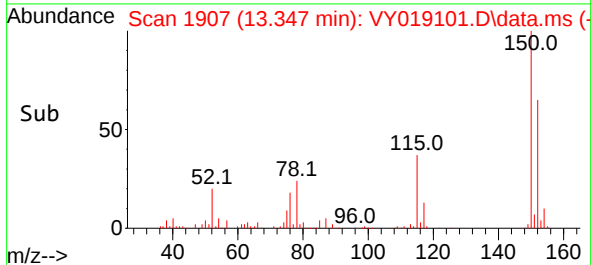
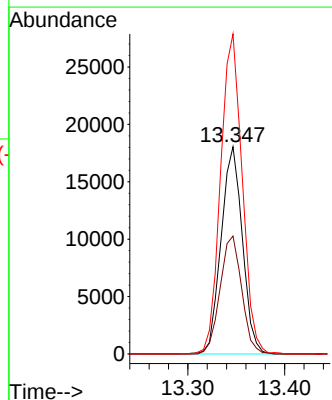
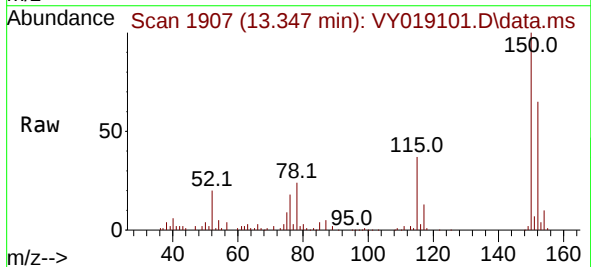
Instrument :
MSVOA_Y
ClientSampleId :

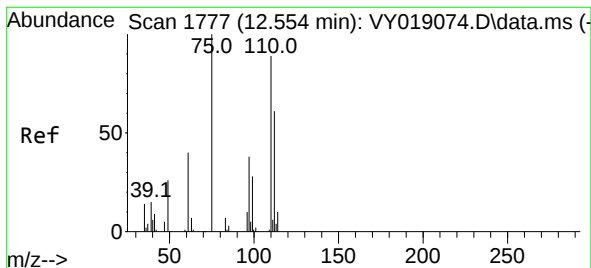
Tgt Ion:117 Resp: 95324
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019101.D
Acq: 16 Aug 2024 18:22

Tgt Ion:152 Resp: 27557
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.8 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 64.498 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019101.D

Acq: 16 Aug 2024 18:22

Instrument :

MSVOA_Y

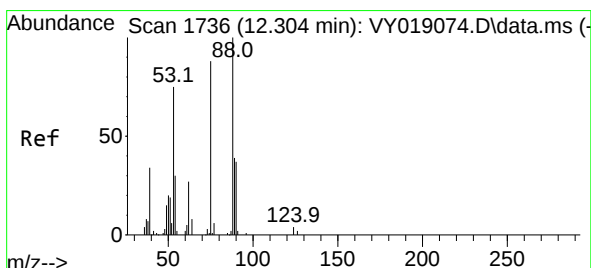
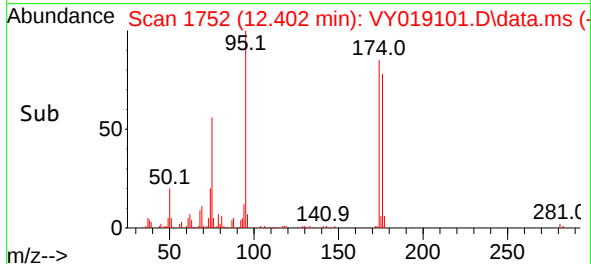
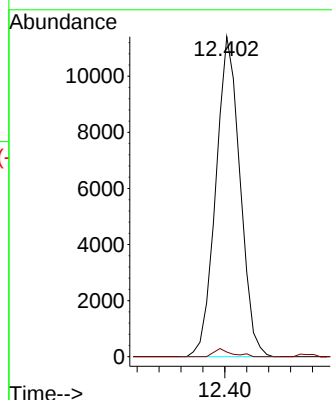
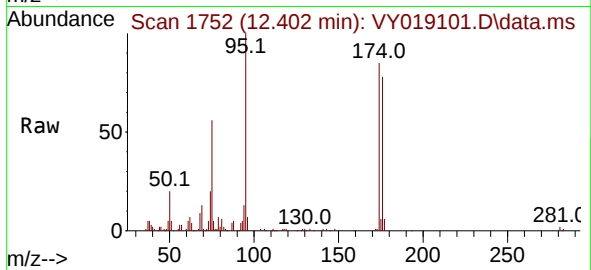
ClientSampleId :

Tgt Ion: 75 Resp: 17528

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 159.287 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY019101.D

Acq: 16 Aug 2024 18:22

Tgt Ion: 75 Resp: 17528

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

