

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019287.D
 Acq On : 27 Aug 2024 15:36
 Operator : SY/MD
 Sample : P3707-08
 Misc : 6.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 01:45:27 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)

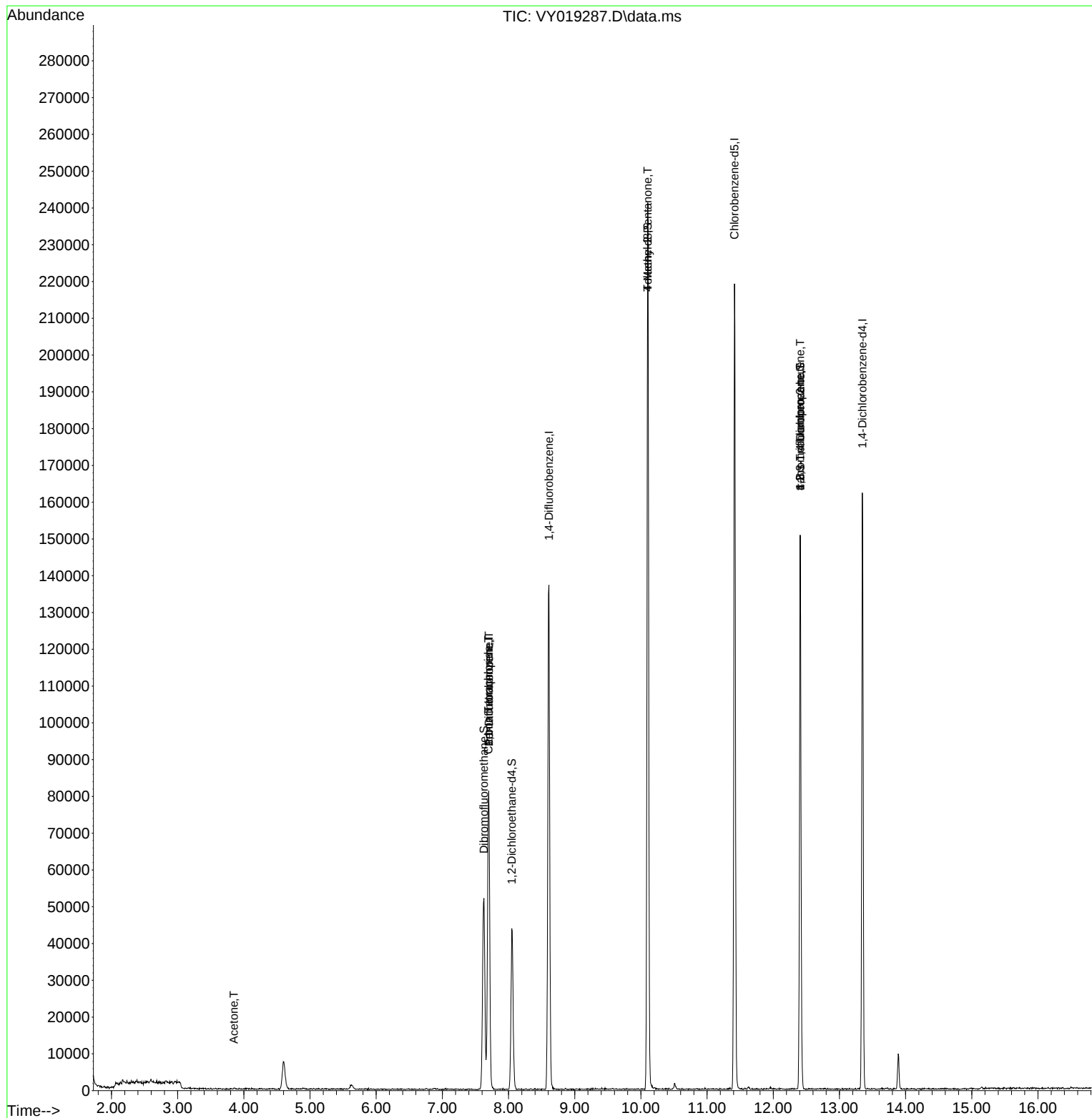
Internal Standards						
1) Pentafluorobenzene	7.701	168	66077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	120554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	120283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	38909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	34218	51.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.320%	
35) Dibromofluoromethane	7.628	113	36866	46.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.540%	
50) Toluene-d8	10.103	98	153510	54.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.240%	
62) 4-Bromofluorobenzene	12.408	95	42629	44.083	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.160%	
Target Compounds						Qvalue
5) Bromomethane	2.598	94	130	Below Cal	#	69
6) Chloroethane	2.653	64	56	Below Cal	#	42
11) Tert butyl alcohol	4.848	59	21	Below Cal	#	88
16) Acetone	3.848	43	249	2.027	ug/l #	36
20) Methylene Chloride	4.598	84	5496	Below Cal		89
31) Cyclohexane	7.695	56	1334	Below Cal	#	29
36) 1,1-Dichloropropene	7.701	75	4725	4.365	ug/l #	51
38) Carbon Tetrachloride	7.695	117	6375	5.082	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	741	1.439	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	22488	58.606	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	22488	144.738	ug/l #	16

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

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Quant Title : SW846 8260
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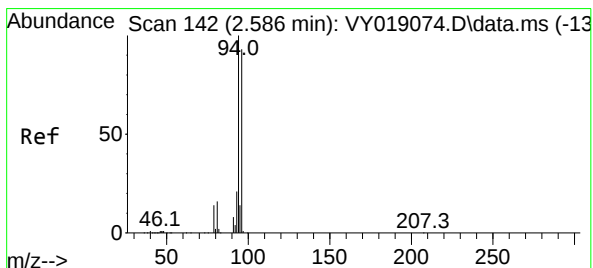
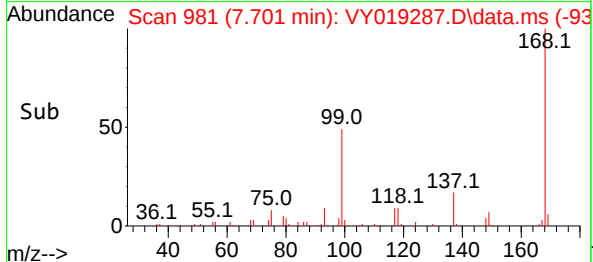
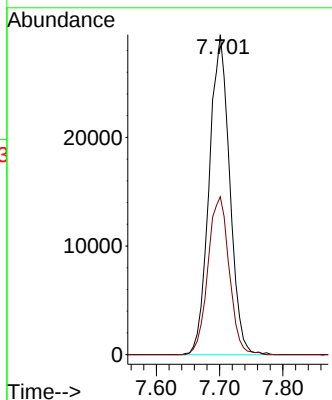
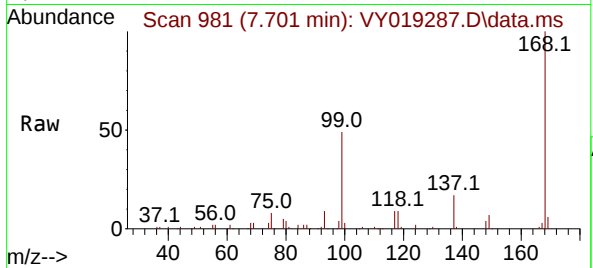




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

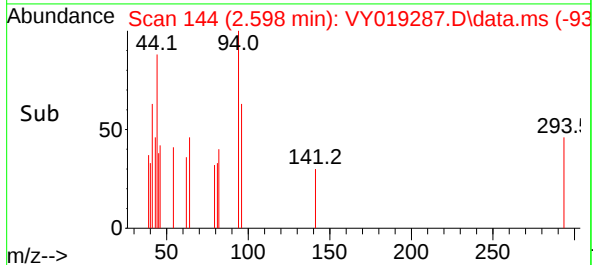
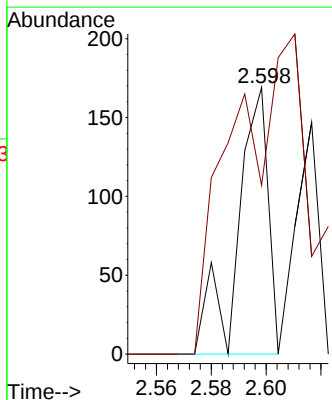
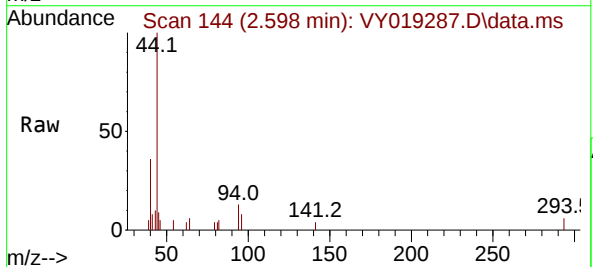
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 66077
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 63.3 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.848 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019287.D

Acq: 27 Aug 2024 15:36

Instrument :

MSVOA_Y

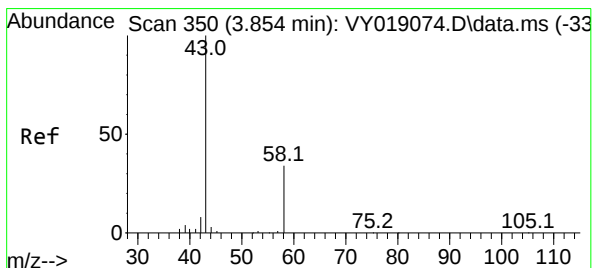
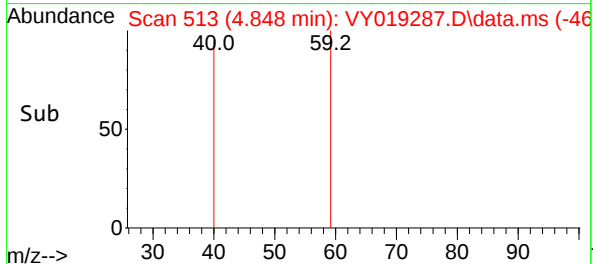
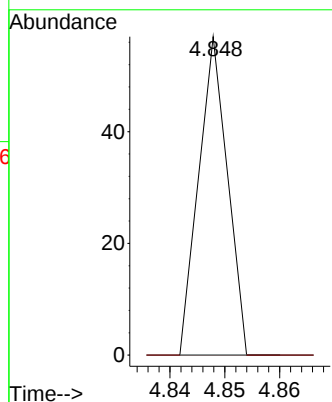
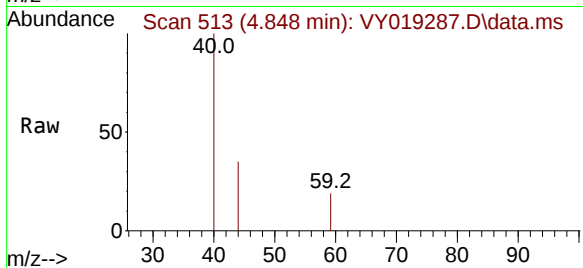
ClientSampleId :

Tgt Ion: 59 Resp: 21

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 2.027 ug/l

RT: 3.848 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY019287.D

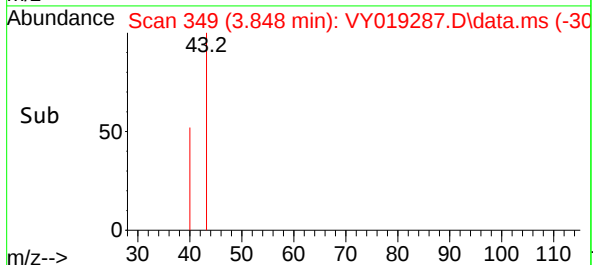
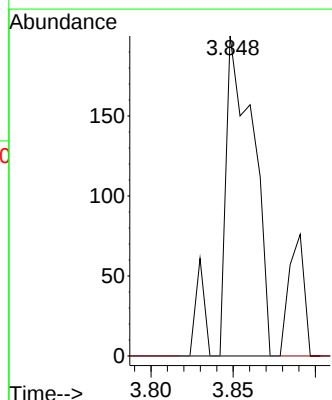
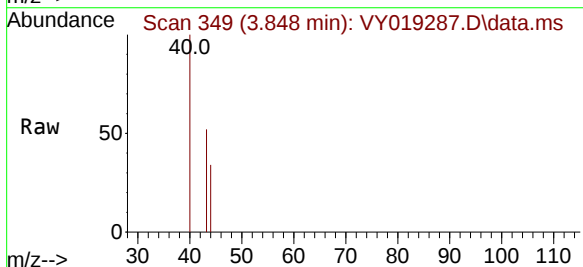
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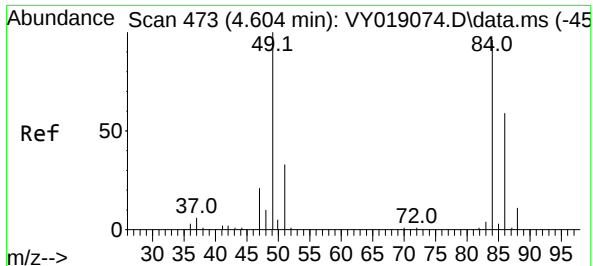
Tgt Ion: 43 Resp: 249

Ion Ratio Lower Upper

43 100

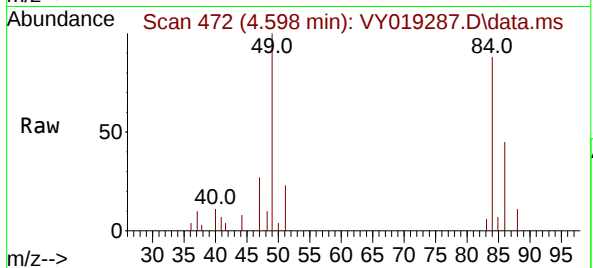
58 0.0 31.7 47.5#



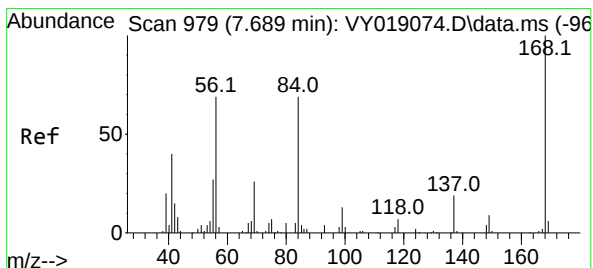
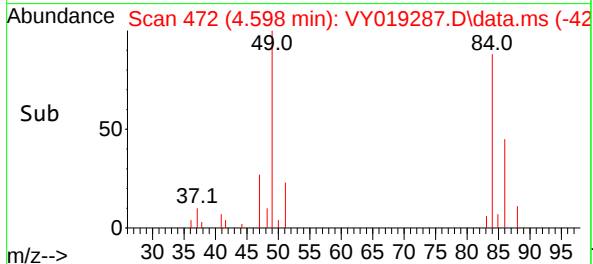
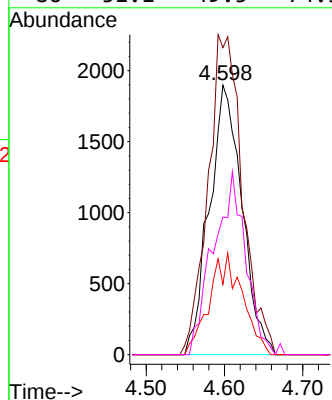


#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

Instrument :
MSVOA_Y
ClientSampleId :

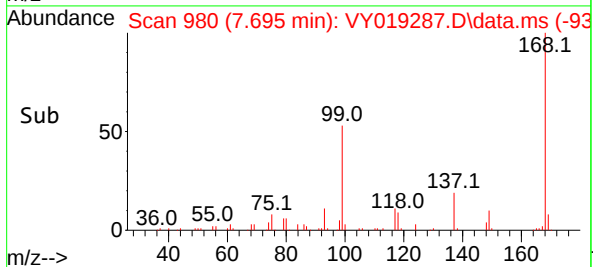
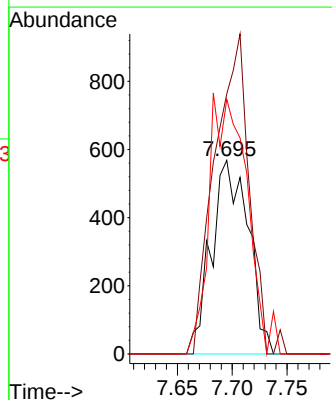
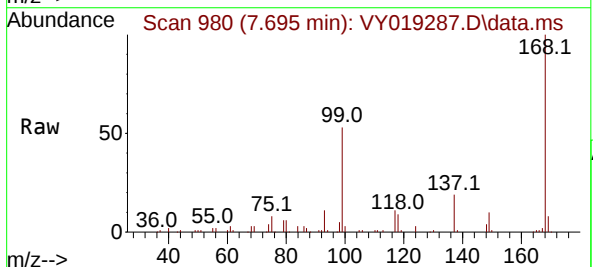


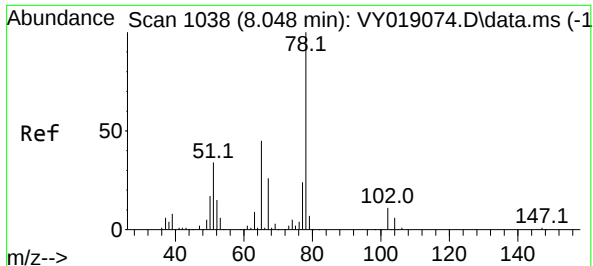
Tgt Ion:	84	Resp:	5496
Ion	Ratio	Lower	Upper
84	100		
49	114.0	84.4	126.6
51	26.1	26.0	39.0
86	51.1	49.5	74.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

Tgt Ion:	56	Resp:	1334
Ion	Ratio	Lower	Upper
56	100		
69	134.3	28.7	43.1#
84	131.5	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.660 ug/l

RT: 8.049 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019287.D

Acq: 27 Aug 2024 15:36

Instrument :

MSVOA_Y

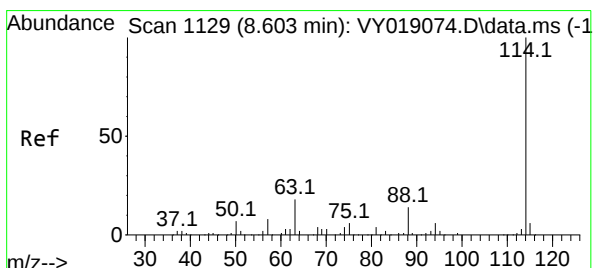
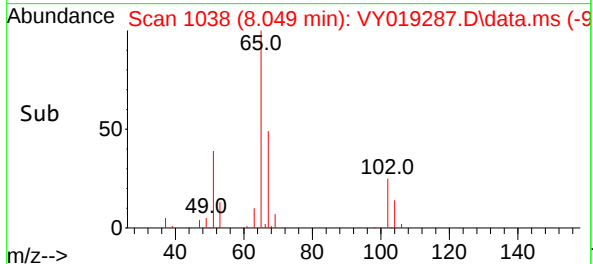
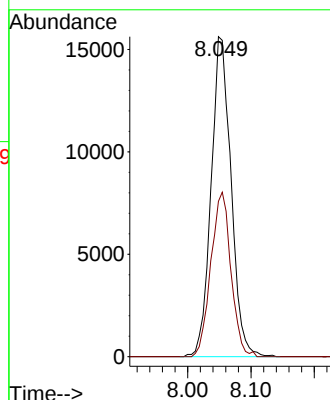
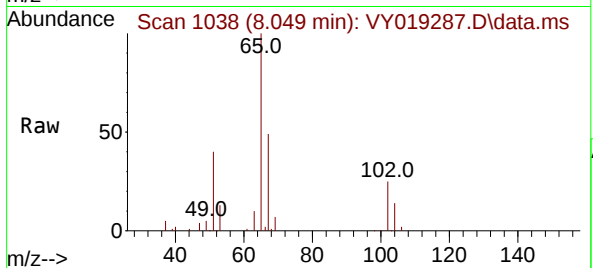
ClientSampleId :

Tgt Ion: 65 Resp: 34218

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019287.D

Acq: 27 Aug 2024 15:36

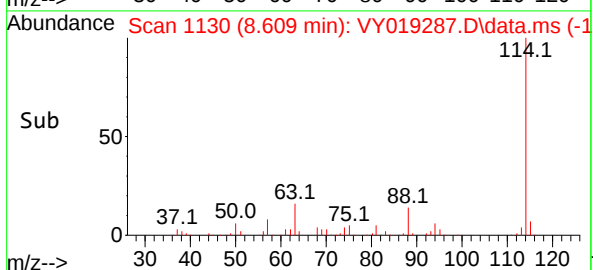
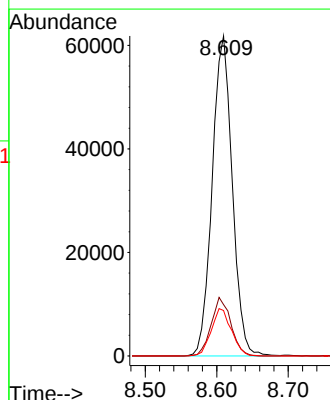
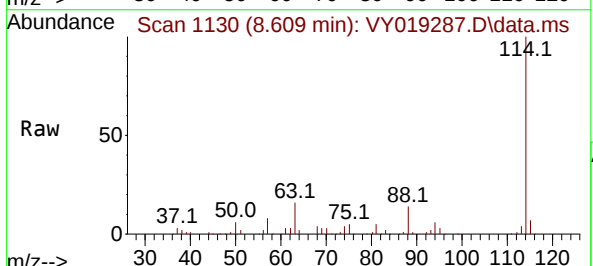
Tgt Ion: 114 Resp: 120554

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

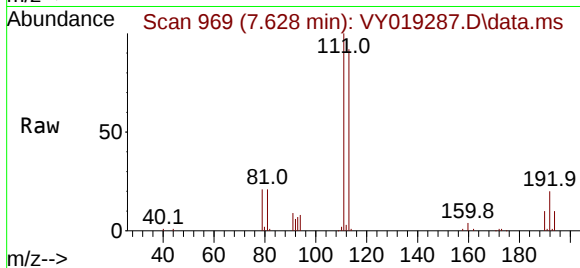
88 14.2 0.0 27.2



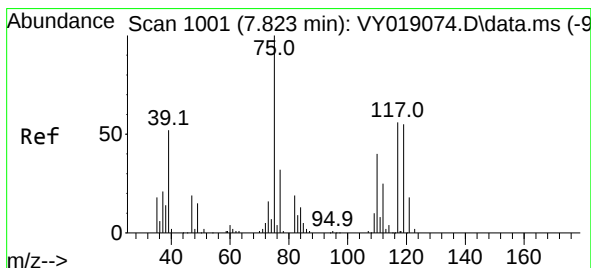
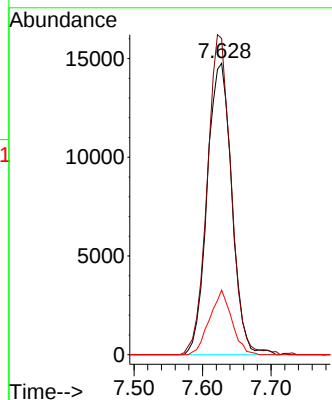
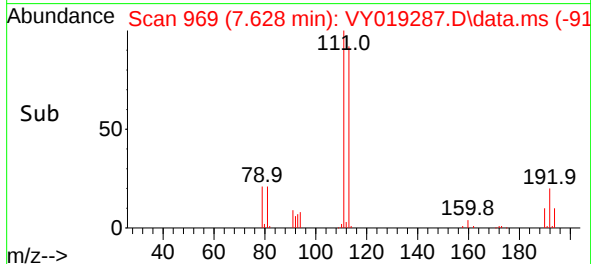


#35
Dibromofluoromethane
Concen: 46.769 ug/l
RT: 7.628 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

Instrument :
MSVOA_Y
ClientSampleId :

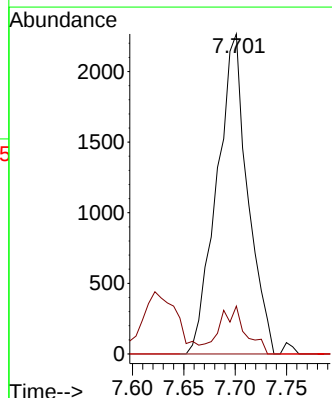
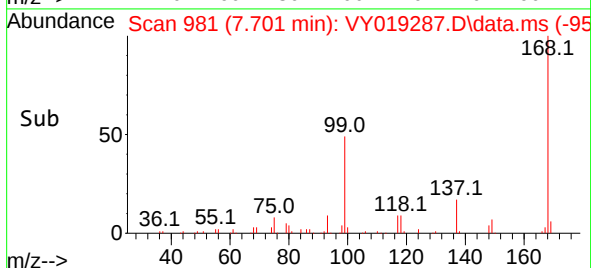
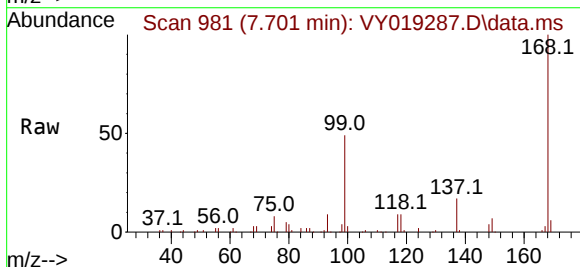


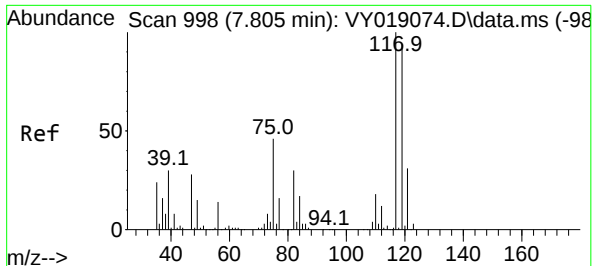
Tgt Ion:113 Resp: 36866
Ion Ratio Lower Upper
113 100
111 106.2 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.365 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

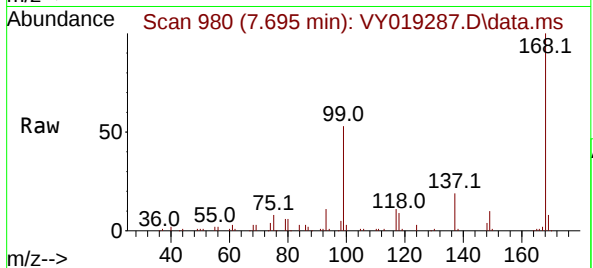
Tgt Ion: 75 Resp: 4725
Ion Ratio Lower Upper
75 100
110 12.8 19.0 57.0#
77 0.0 25.3 37.9#



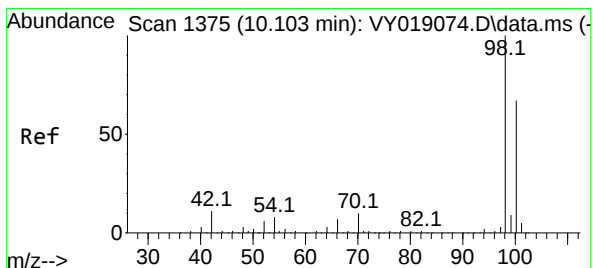
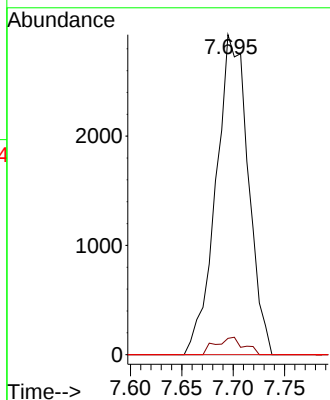
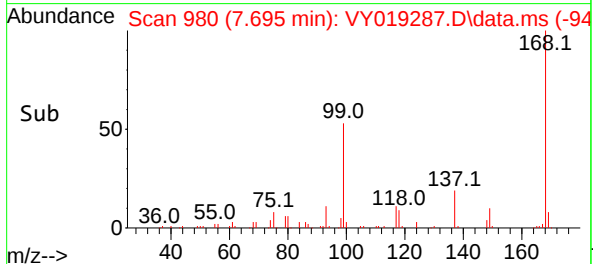


#38
Carbon Tetrachloride
Concen: 5.082 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

Instrument :
MSVOA_Y
ClientSampleId :

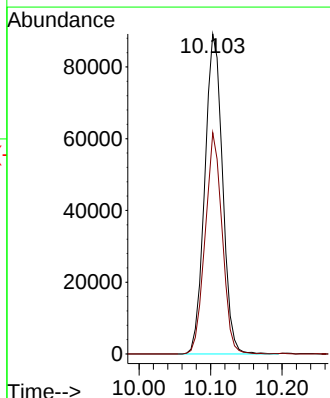
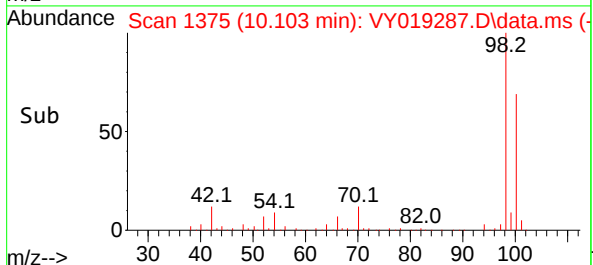
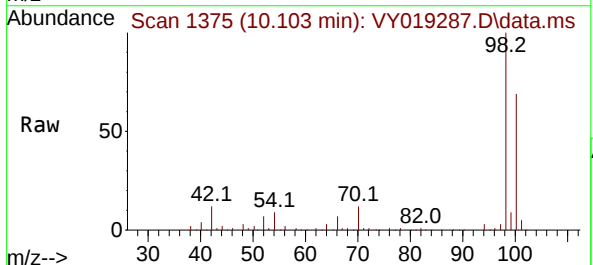


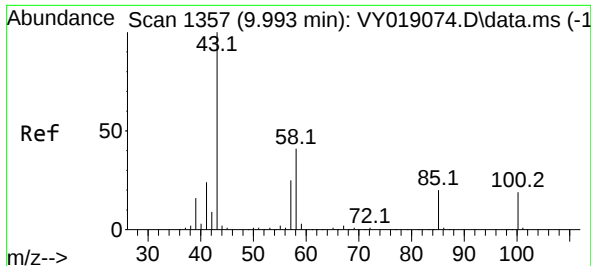
Tgt Ion:117 Resp: 6375
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 54.117 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

Tgt Ion: 98 Resp: 153510
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.439 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.110 min

Lab File: VY019287.D

Acq: 27 Aug 2024 15:36

Instrument :

MSVOA_Y

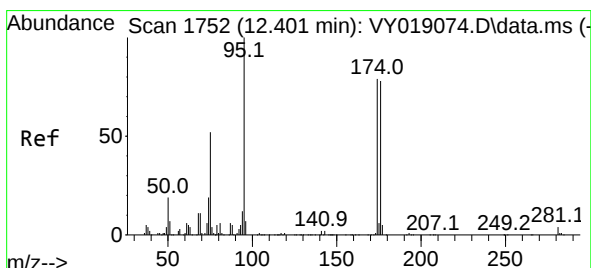
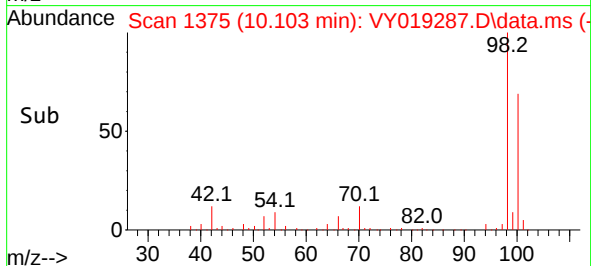
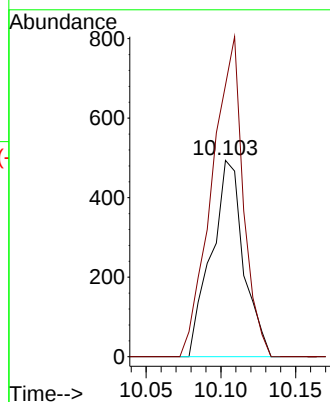
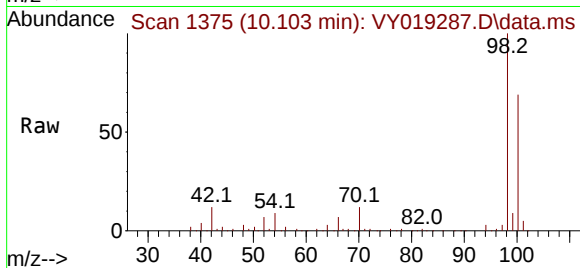
ClientSampleId :

Tgt Ion: 43 Resp: 741

Ion Ratio Lower Upper

43 100

58 158.2 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 44.083 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019287.D

Acq: 27 Aug 2024 15:36

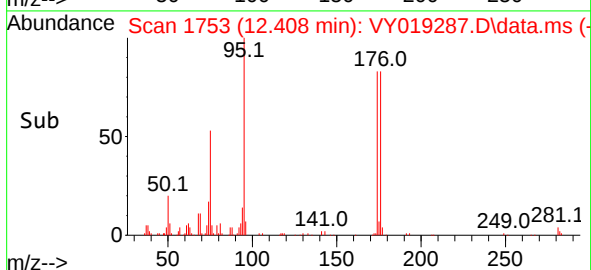
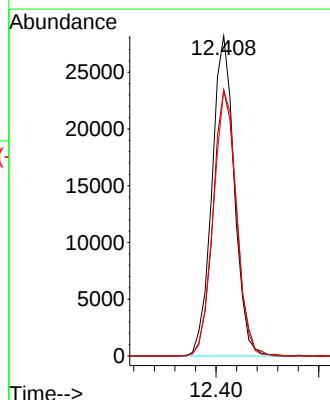
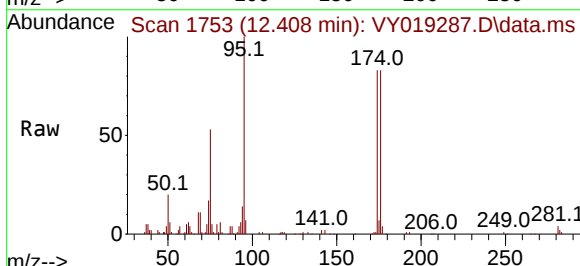
Tgt Ion: 95 Resp: 42629

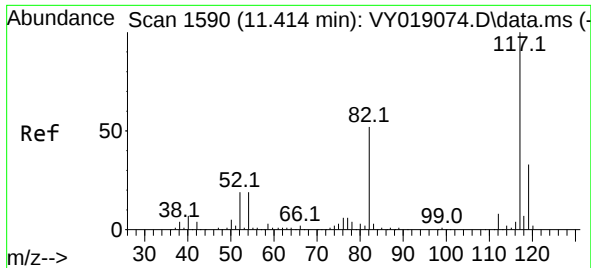
Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.6

176 86.2 0.0 171.4

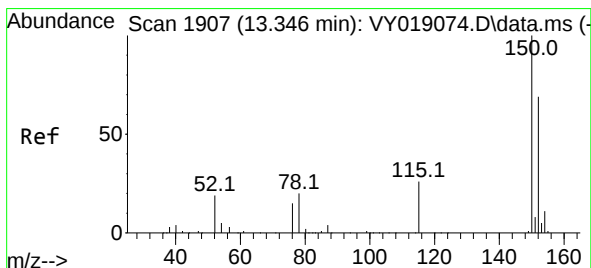
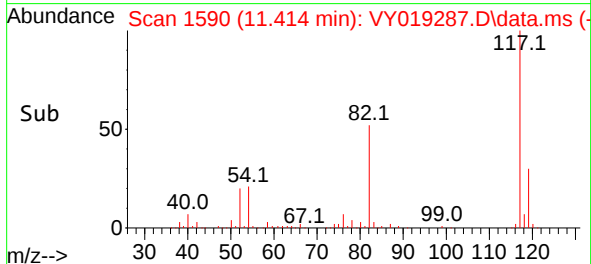
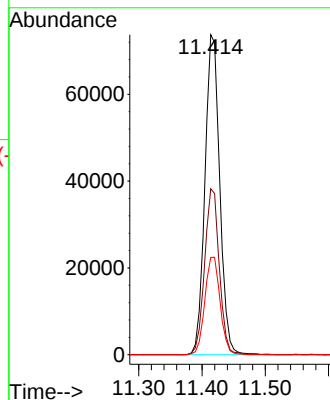
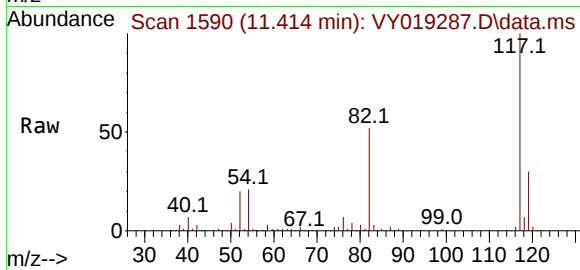




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

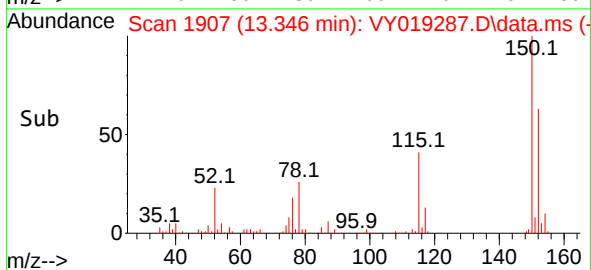
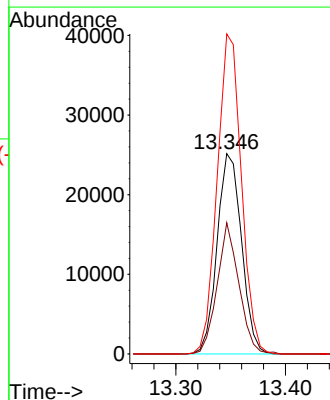
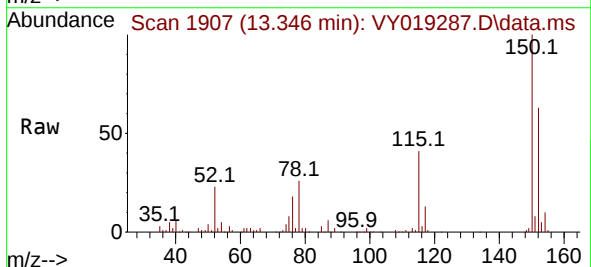
Instrument :
MSVOA_Y
ClientSampleId :

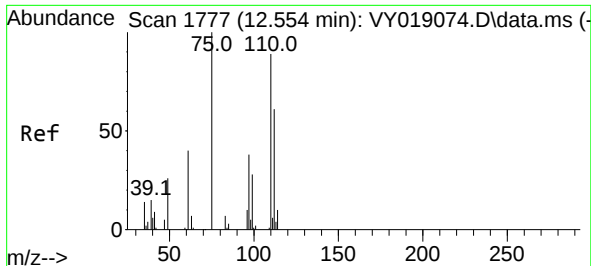
Tgt Ion:117 Resp: 120283
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 30.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

Tgt Ion:152 Resp: 38909
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 158.6 0.0 345.6

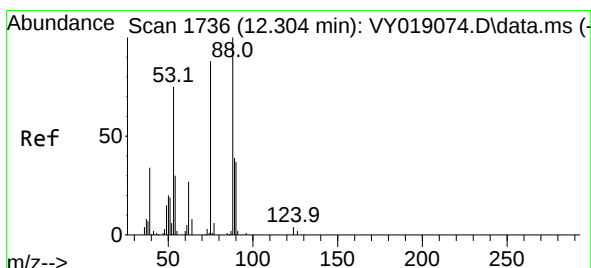
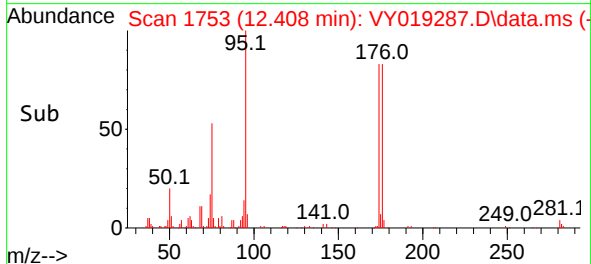
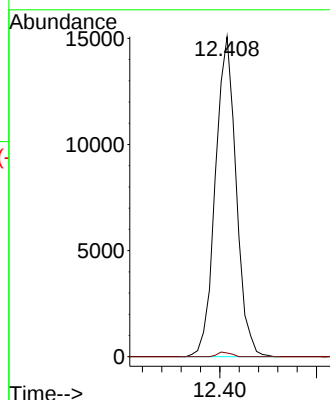
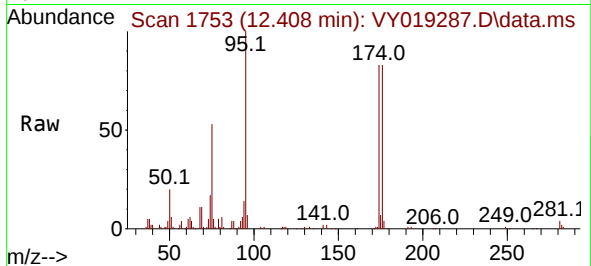




#76
1,2,3-Trichloropropane
Concen: 58.606 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 22488
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.738 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

Tgt Ion: 75 Resp: 22488
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

