

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019314.D
 Acq On : 28 Aug 2024 05:01
 Operator : SY/MD
 Sample : P3660-05
 Misc : 7.96g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 05:53:28 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)

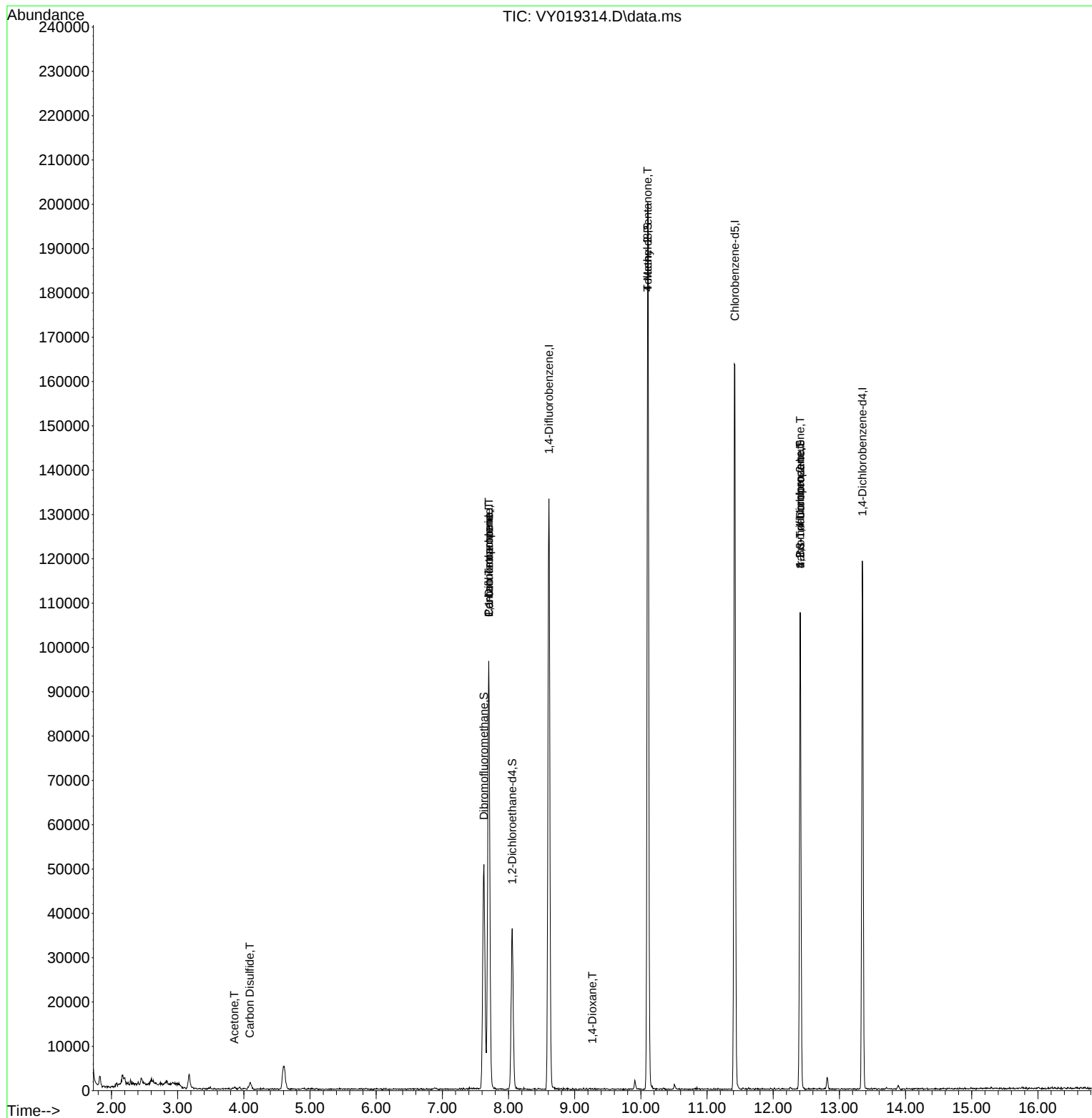
Internal Standards						
1) Pentafluorobenzene	7.701	168	75944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	118837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	92518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	30934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	27232	35.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.540%
35) Dibromofluoromethane	7.628	113	35470	45.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.300%
50) Toluene-d8	10.103	98	132291	47.310	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.408	95	31970	33.538	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	67.080%
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	800	Below Cal	#	79
6) Chloroethane	2.672	64	48	Below Cal	#	42
16) Acetone	3.854	43	817	5.787	ug/l	89
17) Carbon Disulfide	4.092	76	2769	1.296	ug/l #	91
20) Methylene Chloride	4.604	84	4082	Below Cal	#	89
31) Cyclohexane	7.707	56	1498	Below Cal	#	10
36) 1,1-Dichloropropene	7.701	75	5699	5.341	ug/l #	49
38) Carbon Tetrachloride	7.701	117	7466	6.038	ug/l #	17
49) 1,4-Dioxane	9.268	88	28	4.888	ug/l #	20
51) 4-Methyl-2-Pentanone	10.103	43	545	1.074	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	16370	53.661	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	16370	132.524	ug/l #	16

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

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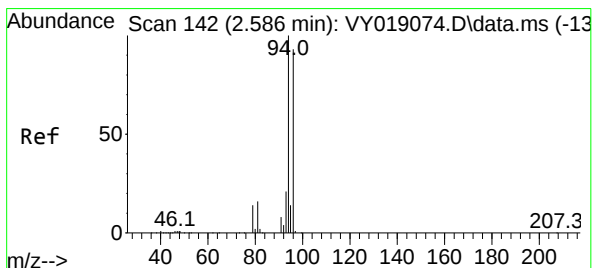
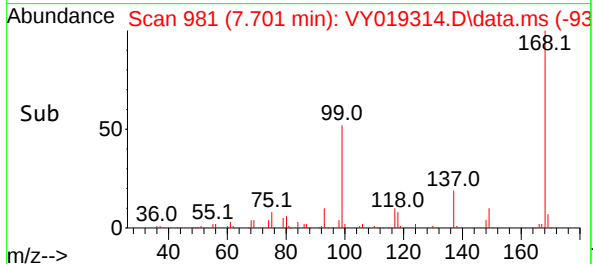
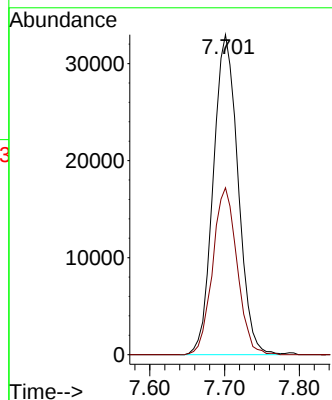
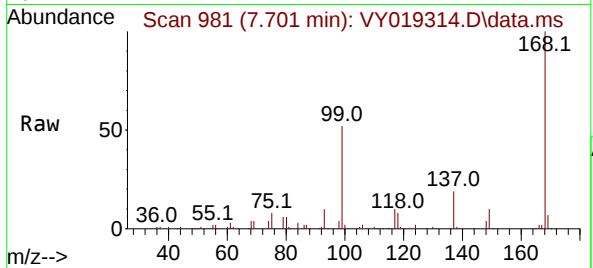




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

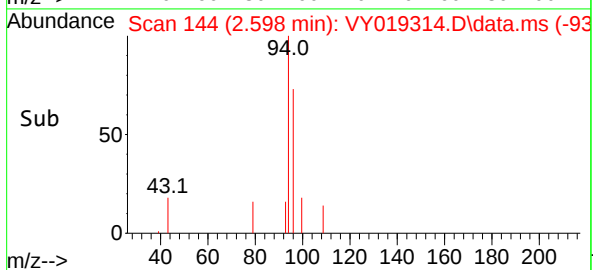
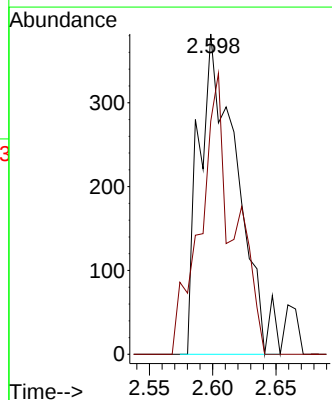
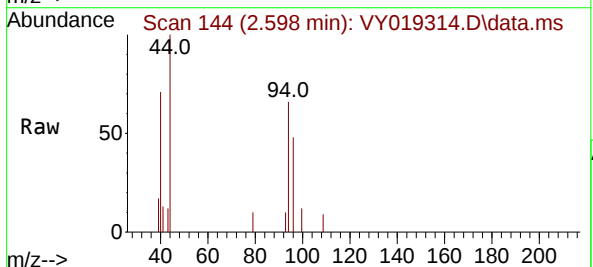
Instrument :
MSVOA_Y
ClientSampleId :

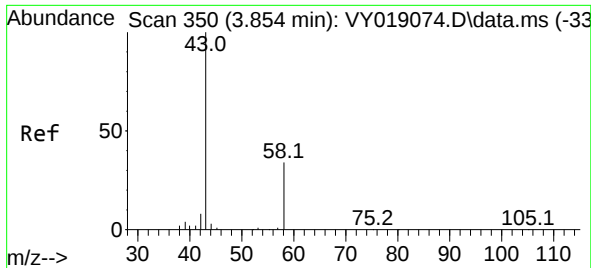
Tgt Ion:168 Resp: 75944
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

Tgt Ion: 94 Resp: 800
Ion Ratio Lower Upper
94 100
96 72.8 74.1 111.1#

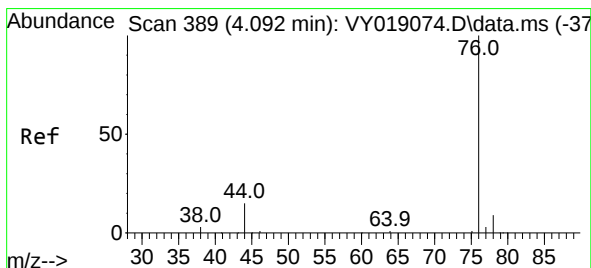
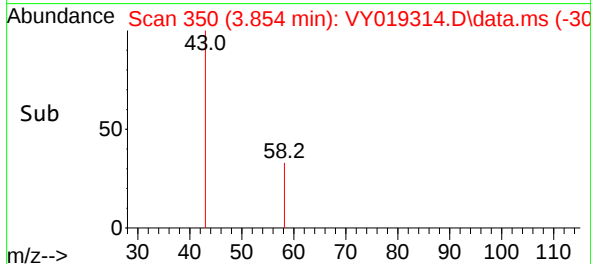
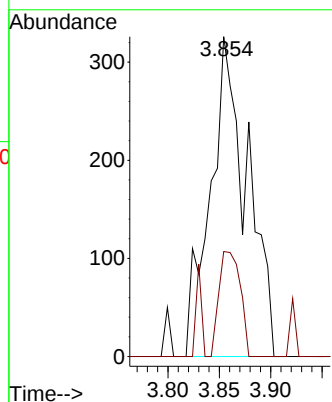
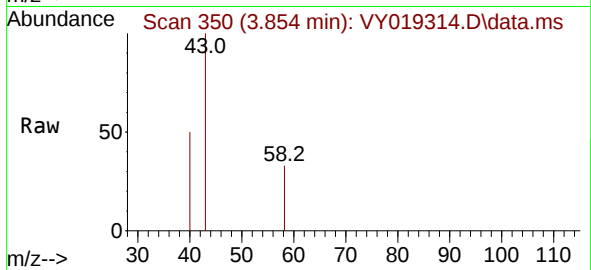




#16
Acetone
Concen: 5.787 ug/l
RT: 3.854 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

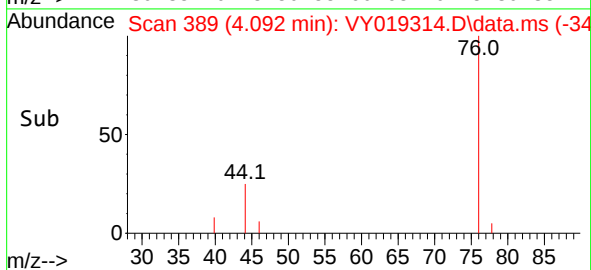
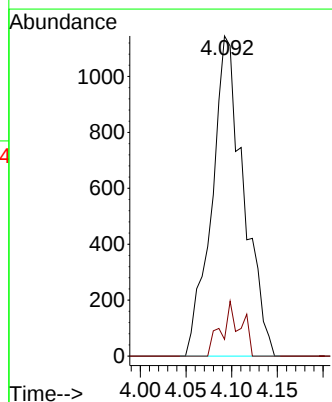
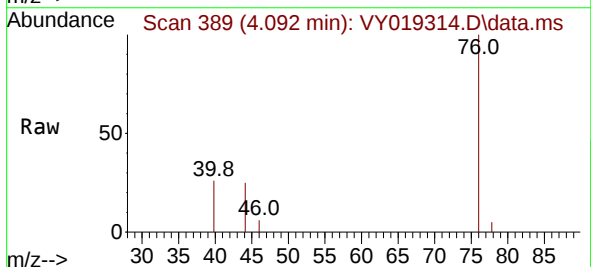
Instrument :
MSVOA_Y
ClientSampleId :

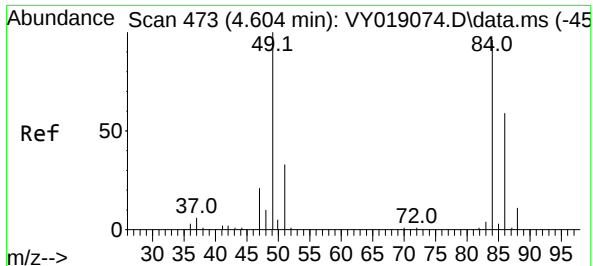
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 32.8 31.7 47.5



#17
Carbon Disulfide
Concen: 1.296 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

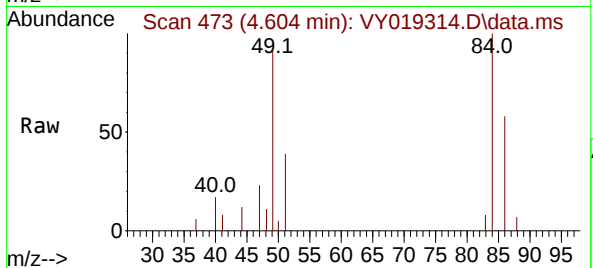
Tgt Ion: 76 Resp: 2769
Ion Ratio Lower Upper
76 100
78 5.2 6.8 10.2#



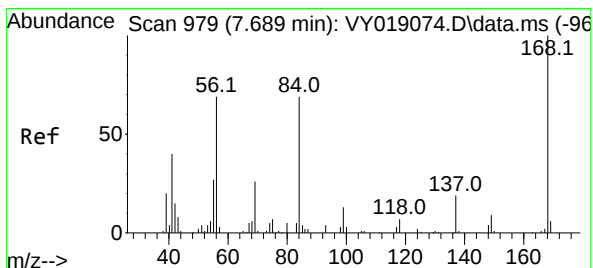
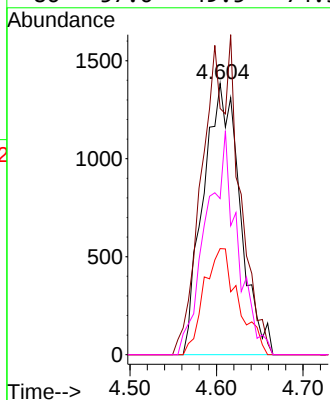


#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

Instrument :
MSVOA_Y
ClientSampleId :

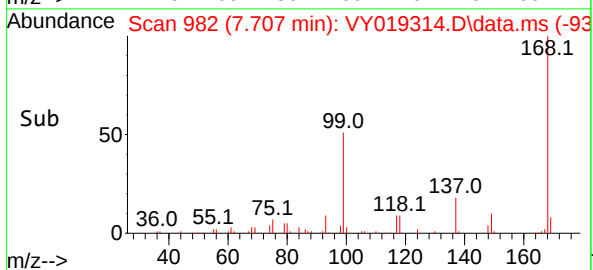
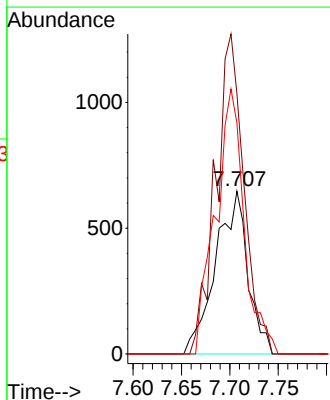
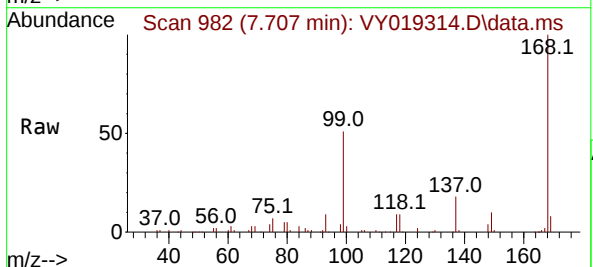


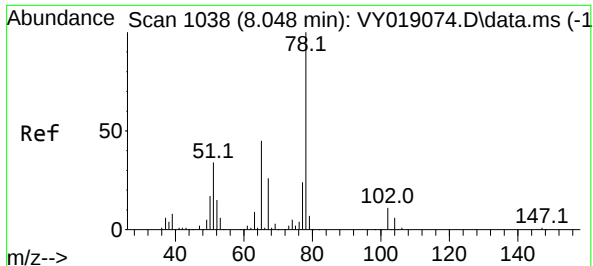
Tgt Ion:	84	Resp:	4082
Ion	Ratio	Lower	Upper
84	100		
49	90.8	84.4	126.6
51	39.1	26.0	39.0#
86	57.6	49.5	74.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.707 min Scan# 982
Delta R.T. 0.018 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

Tgt Ion:	56	Resp:	1498
Ion	Ratio	Lower	Upper
56	100		
69	159.8	28.7	43.1#
84	141.7	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 35.771 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019314.D

Acq: 28 Aug 2024 05:01

Instrument :

MSVOA_Y

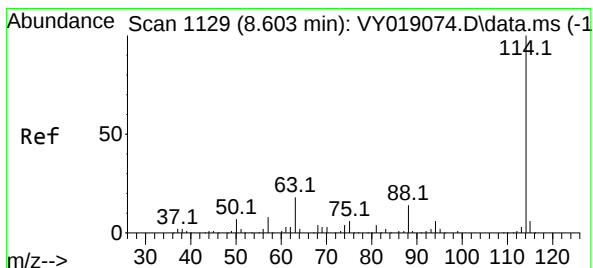
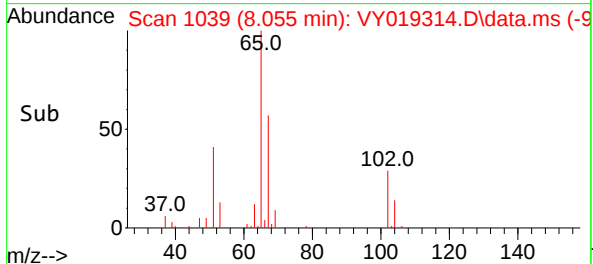
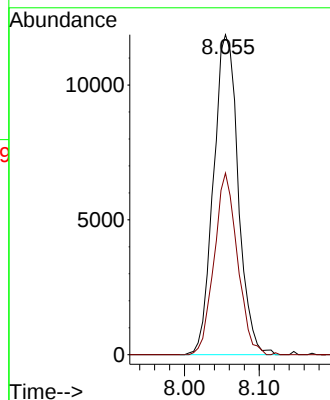
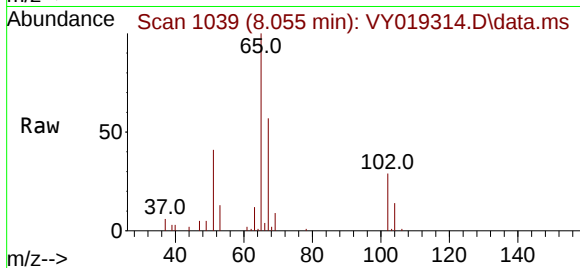
ClientSampleId :

Tgt Ion: 65 Resp: 27232

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019314.D

Acq: 28 Aug 2024 05:01

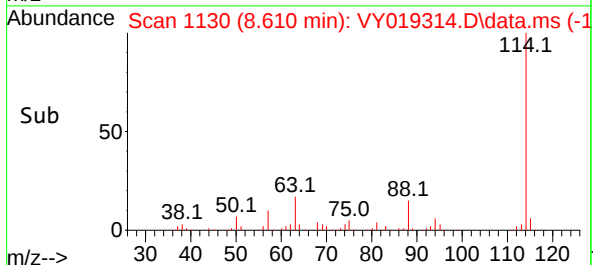
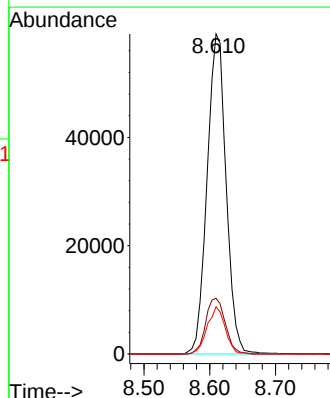
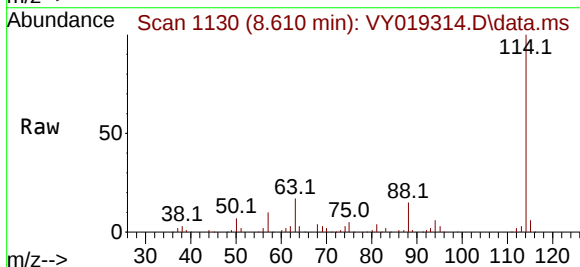
Tgt Ion: 114 Resp: 118837

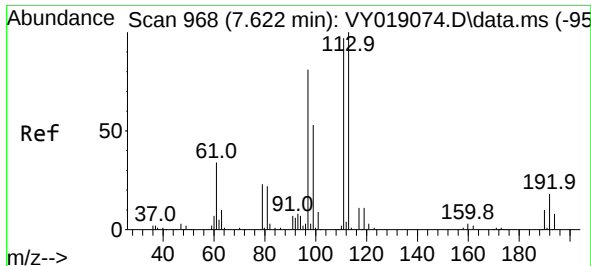
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

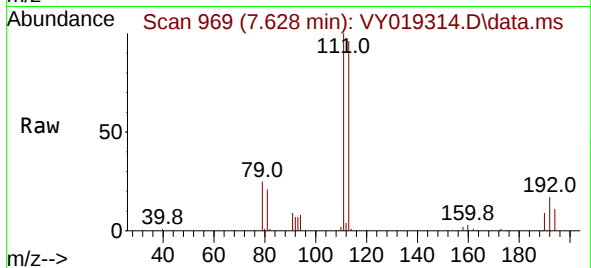
88 14.8 0.0 27.2



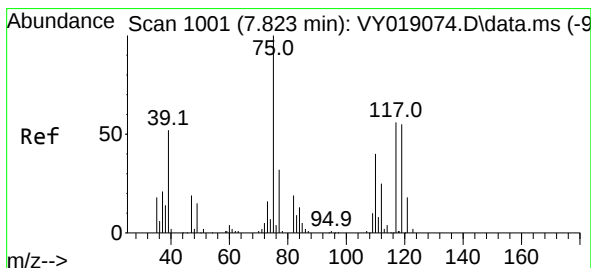
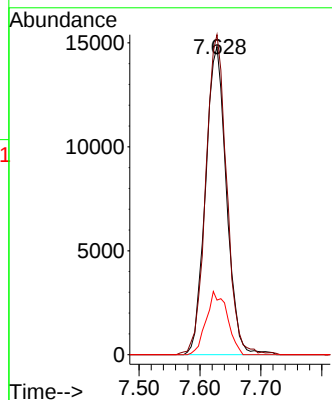
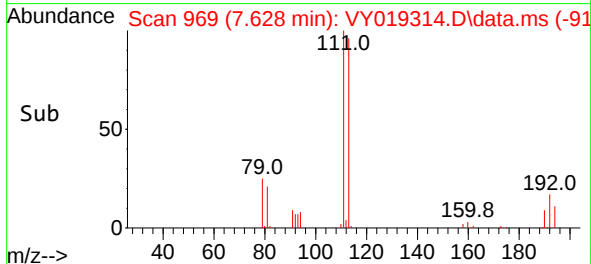


#35
Dibromofluoromethane
Concen: 45.648 ug/l
RT: 7.628 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

Instrument :
MSVOA_Y
ClientSampleId :

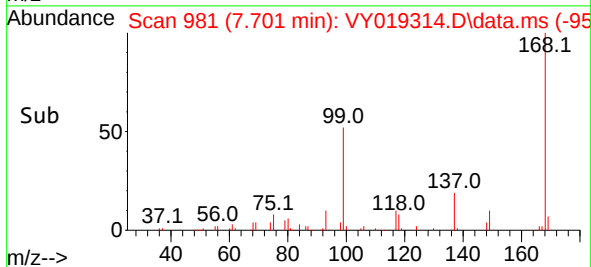
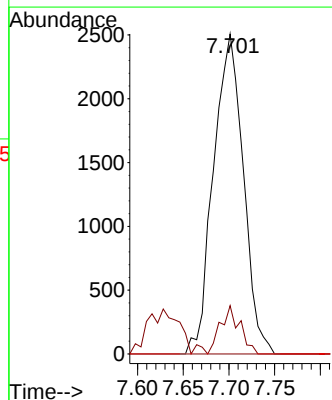
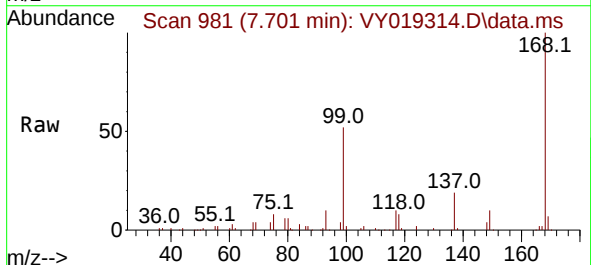


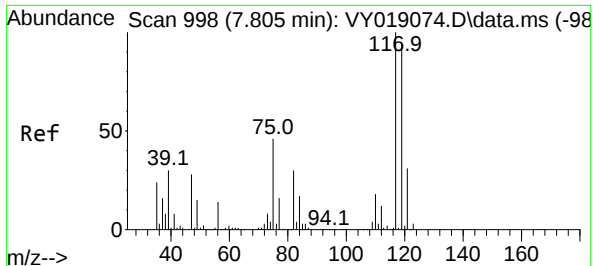
Tgt Ion:113 Resp: 35470
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.341 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

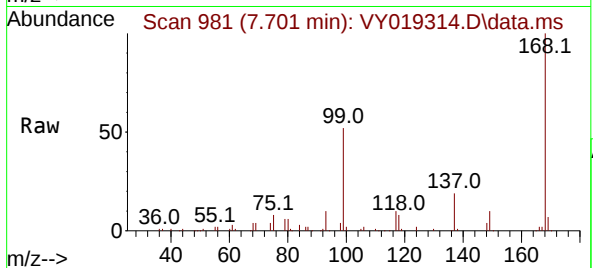
Tgt Ion: 75 Resp: 5699
Ion Ratio Lower Upper
75 100
110 9.9 19.0 57.0#
77 0.0 25.3 37.9#



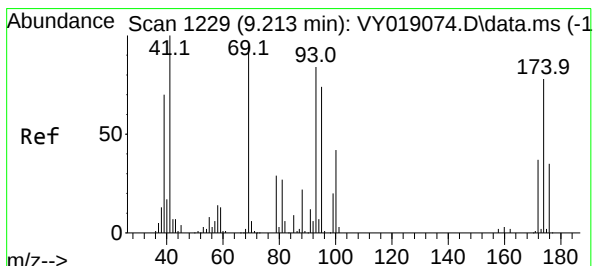
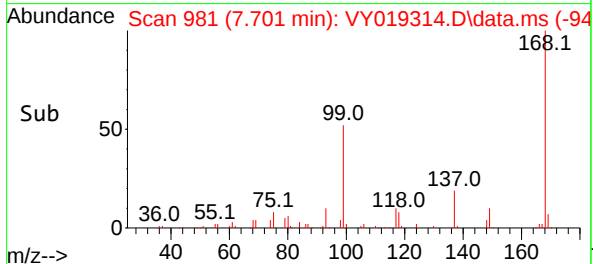
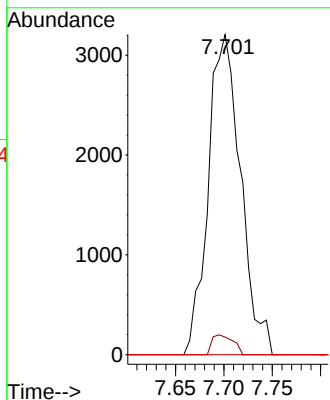


#38
Carbon Tetrachloride
Concen: 6.038 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

Instrument :
MSVOA_Y
ClientSampleId :

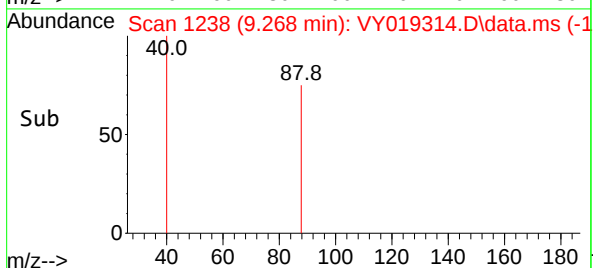
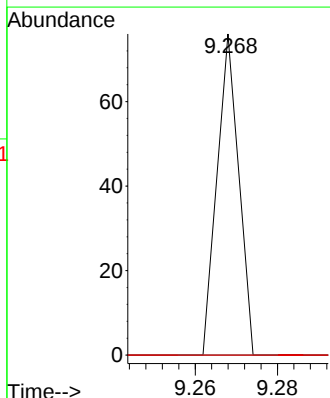
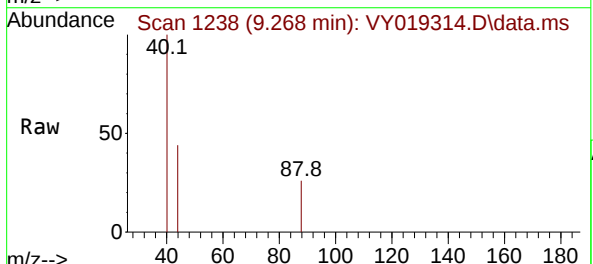


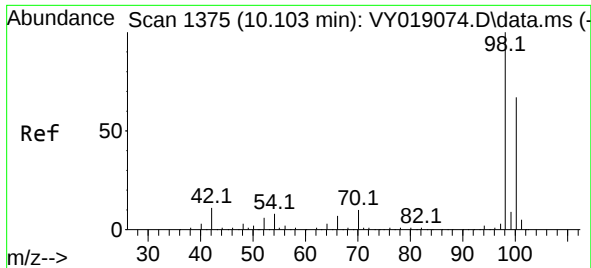
Tgt Ion:117 Resp: 7466
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 4.888 ug/l
RT: 9.268 min Scan# 1238
Delta R.T. 0.055 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

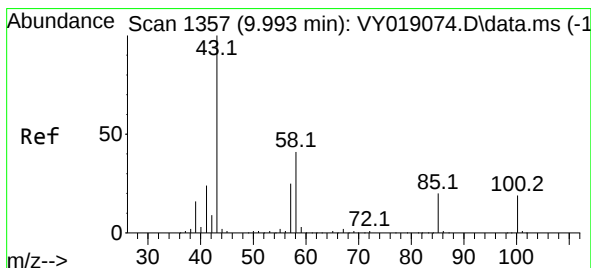
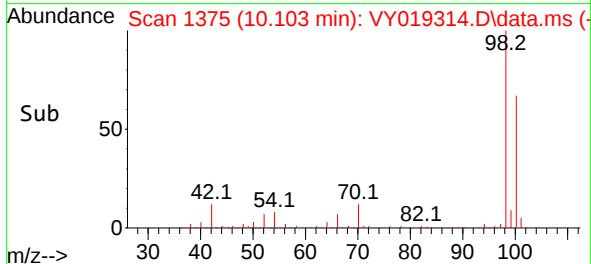
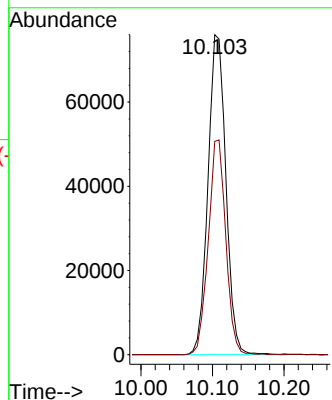
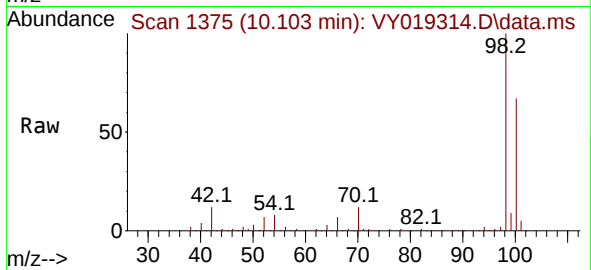




#50
Toluene-d8
Concen: 47.310 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

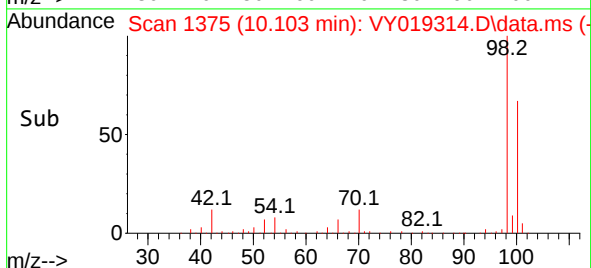
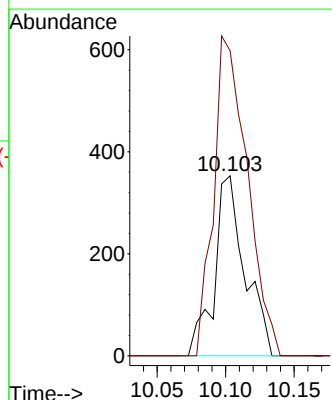
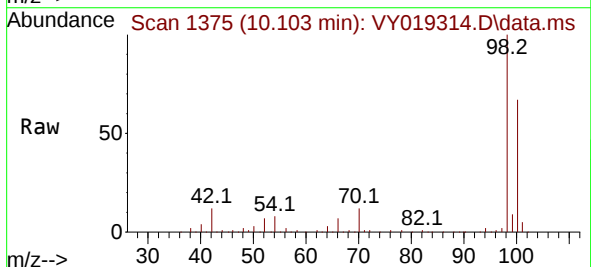
Instrument :
MSVOA_Y
ClientSampleId :

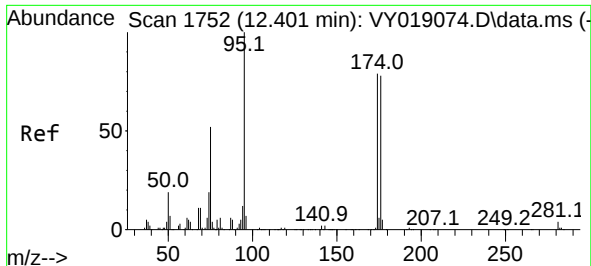
Tgt Ion: 98 Resp: 132291
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.074 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.110 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
58 196.1 35.7 53.5#

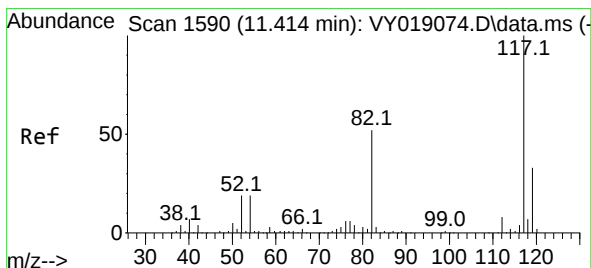
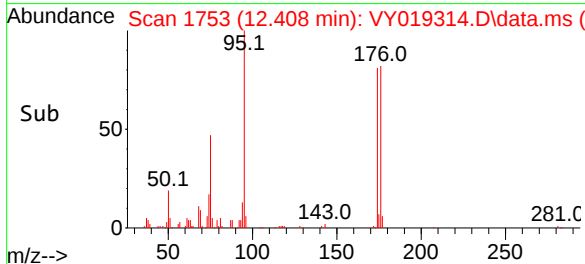
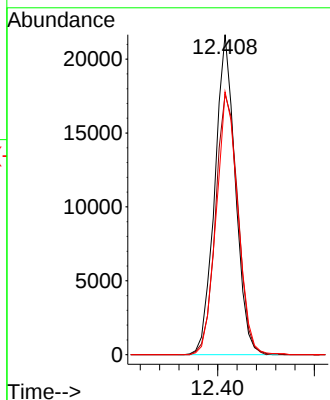
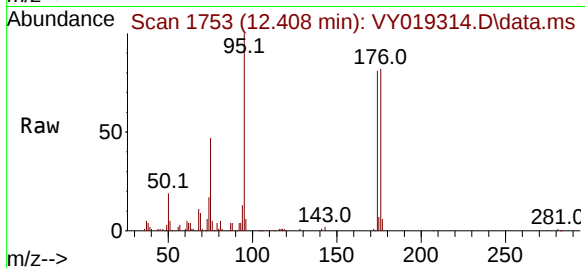




#62
4-Bromofluorobenzene
Concen: 33.538 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

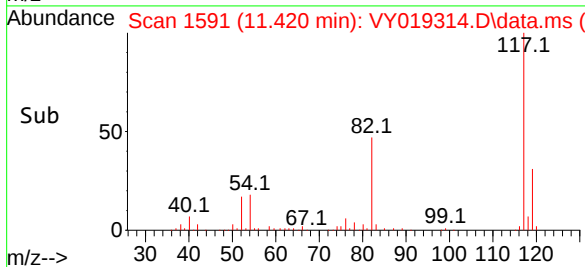
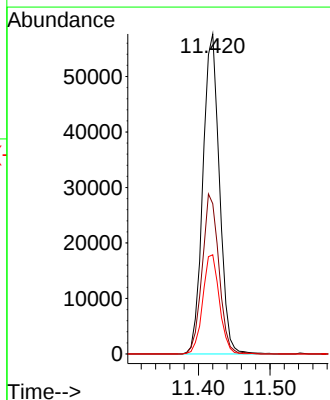
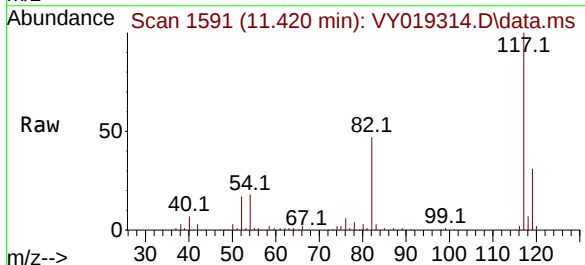
Instrument :
MSVOA_Y
ClientSampleId :

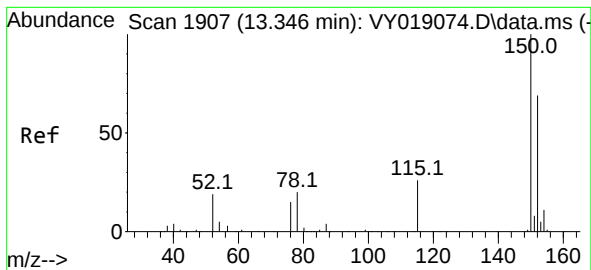
Tgt Ion: 95 Resp: 31970
Ion Ratio Lower Upper
95 100
174 88.3 0.0 175.6
176 86.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019314.D
Acq: 28 Aug 2024 05:01

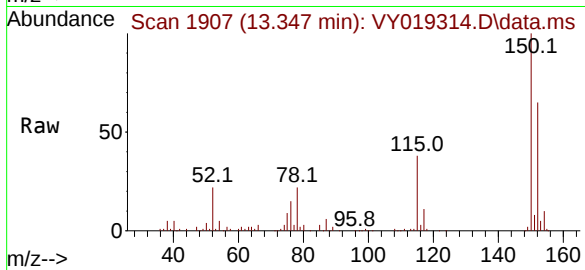
Tgt Ion: 117 Resp: 92518
Ion Ratio Lower Upper
117 100
82 47.0 42.4 63.6
119 31.0 25.9 38.9



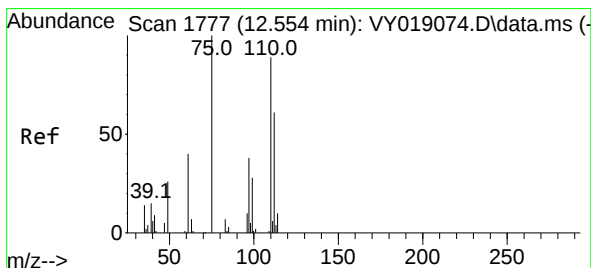
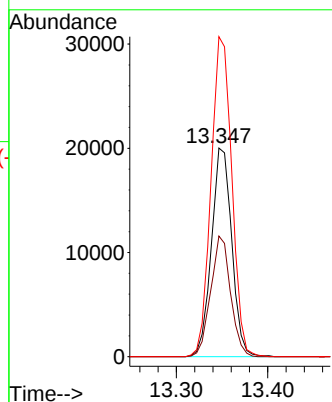
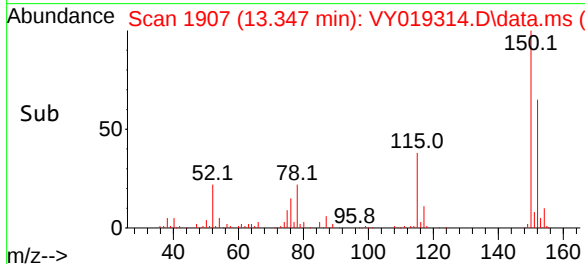


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019314.D
 Acq: 28 Aug 2024 05:01

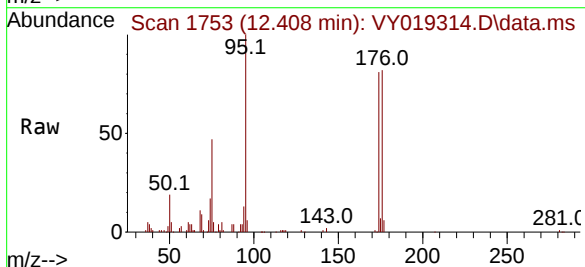
Instrument :
 MSVOA_Y
 ClientSampleId :



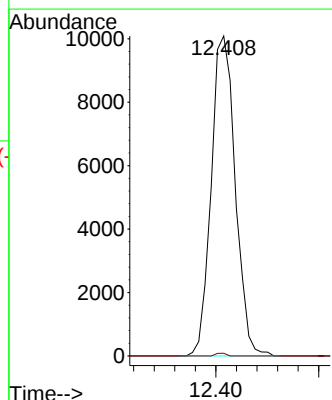
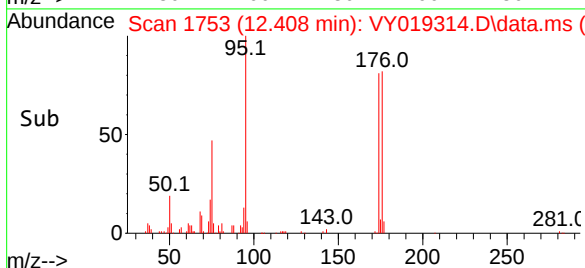
Tgt Ion:152 Resp: 30934
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.2 84.7
 150 156.4 0.0 345.6

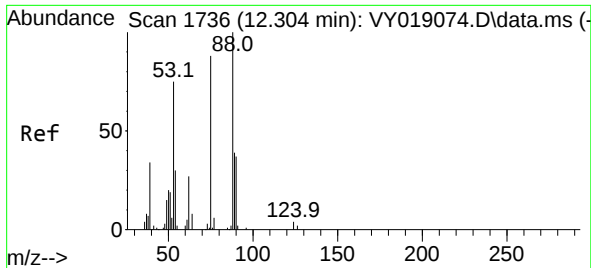


#76
 1,2,3-Trichloropropane
 Concen: 53.661 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY019314.D
 Acq: 28 Aug 2024 05:01



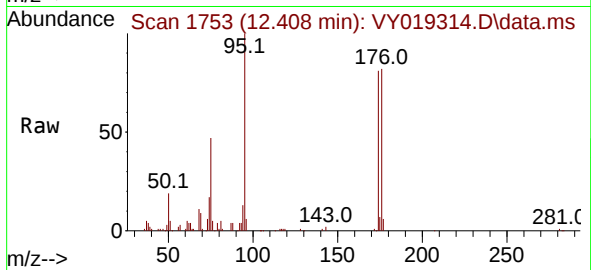
Tgt Ion: 75 Resp: 16370
 Ion Ratio Lower Upper
 75 100
 77 0.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.524 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019314.D
 Acq: 28 Aug 2024 05:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	16370
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.2	35.8	53.6#

