

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019316.D
 Acq On : 28 Aug 2024 05:49
 Operator : SY/MD
 Sample : P3663-07
 Misc : 6.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 08:21:41 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)

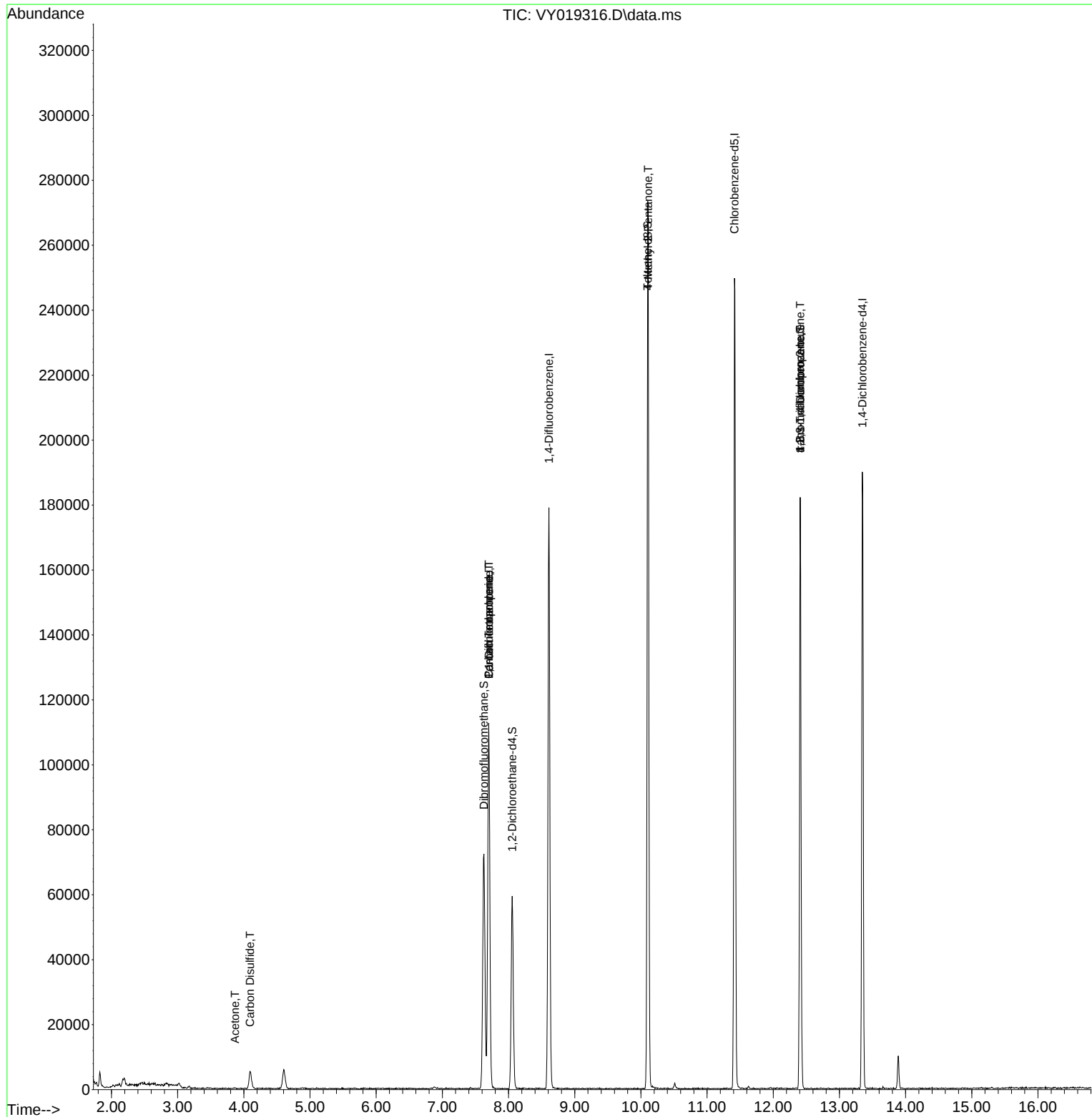
Internal Standards								
1) Pentafluorobenzene			7.701	168	87474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			8.610	114	160232	50.000	ug/l	0.00
63) Chlorobenzene-d5			11.414	117	140131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			13.347	152	50293	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			8.055	65	44545	50.801	ug/l	0.00
Spiked Amount 50.000			Range	50 - 163	Recovery	= 101.600%		
35) Dibromofluoromethane			7.628	113	50708	48.400	ug/l	0.00
Spiked Amount 50.000			Range	54 - 147	Recovery	= 96.800%		
50) Toluene-d8			10.103	98	178488	47.341	ug/l	0.00
Spiked Amount 50.000			Range	58 - 134	Recovery	= 94.680%		
62) 4-Bromofluorobenzene			12.408	95	51771	40.280	ug/l	0.00
Spiked Amount 50.000			Range	29 - 146	Recovery	= 80.560%		
Target Compounds								
								Qvalue
5) Bromomethane			2.592	94	279	Below Cal	#	75
6) Chloroethane			2.787	64	19	Below Cal	#	42
11) Tert butyl alcohol			4.854	59	49	Below Cal	#	88
16) Acetone			3.867	43	368	2.263	ug/l #	36
17) Carbon Disulfide			4.092	76	10747	4.367	ug/l #	91
20) Methylene Chloride			4.610	84	4172	Below Cal	#	92
31) Cyclohexane			7.701	56	1974	Below Cal	#	10
36) 1,1-Dichloropropene			7.701	75	6144	4.271	ug/l #	49
38) Carbon Tetrachloride			7.701	117	8298	4.977	ug/l #	18
51) 4-Methyl-2-Pentanone			10.109	43	781	1.142	ug/l #	1
76) 1,2,3-Trichloropropane			12.408	75	27384	55.212	ug/l #	100
81) trans-1,4-Dichloro-2-b...			12.408	75	27384	136.355	ug/l #	16

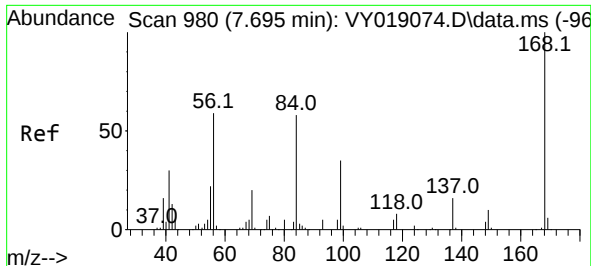
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
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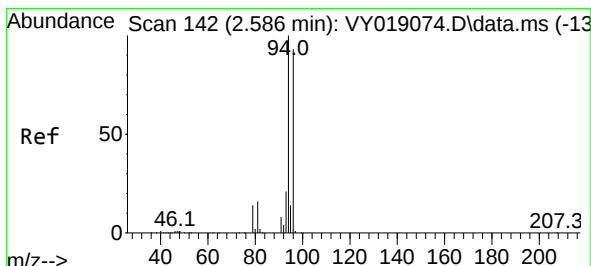
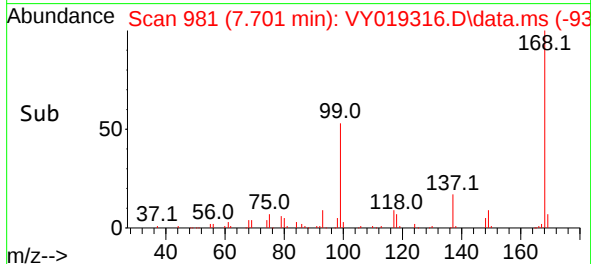
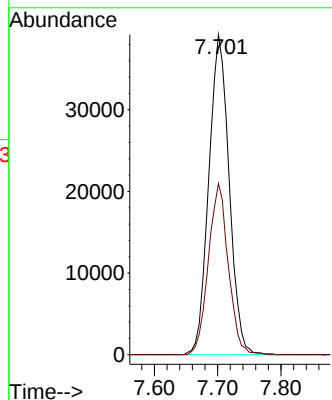
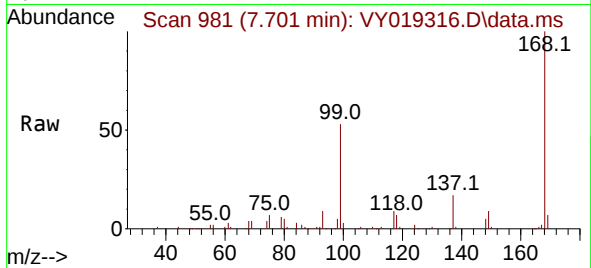




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

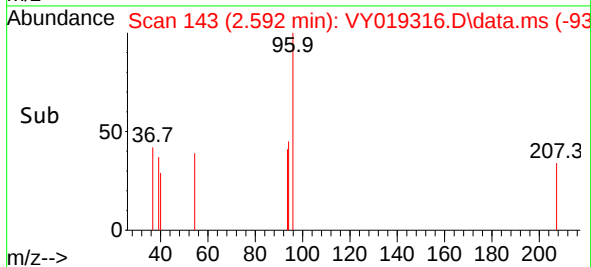
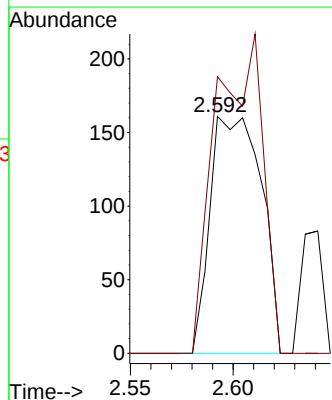
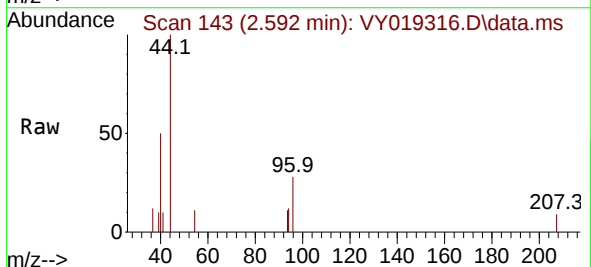
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 87474
Ion Ratio Lower Upper
168 100
99 53.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 116.8 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.854 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY019316.D

Acq: 28 Aug 2024 05:49

Instrument :

MSVOA_Y

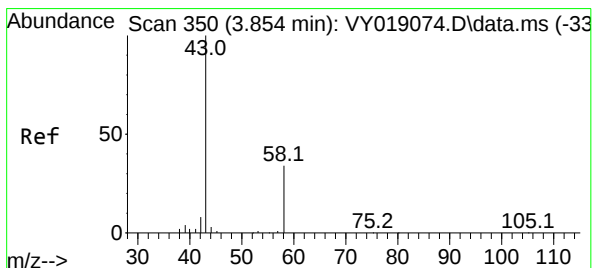
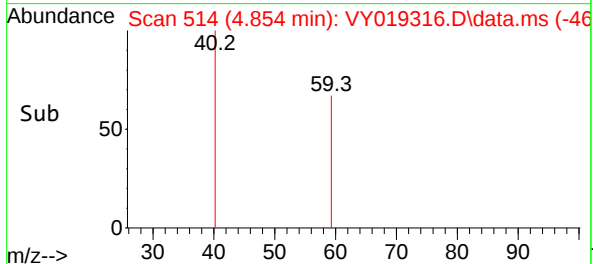
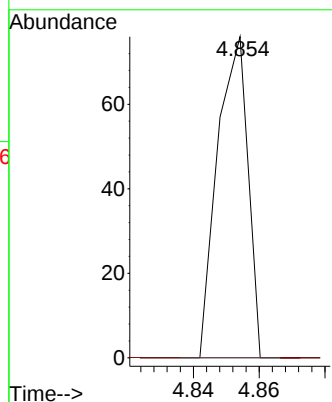
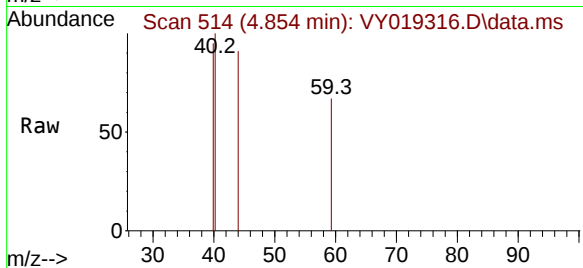
ClientSampleId :

Tgt Ion: 59 Resp: 49

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 2.263 ug/l

RT: 3.867 min Scan# 352

Delta R.T. 0.013 min

Lab File: VY019316.D

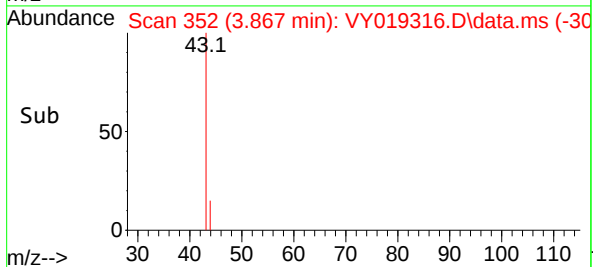
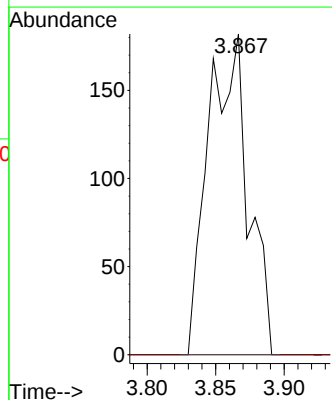
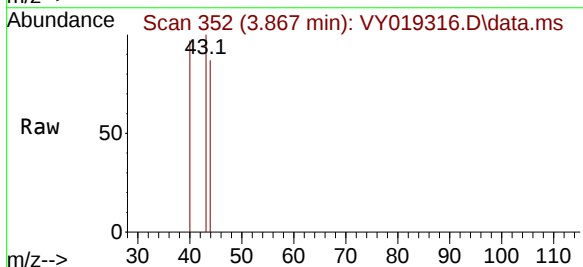
Acq: 28 Aug 2024 05:49

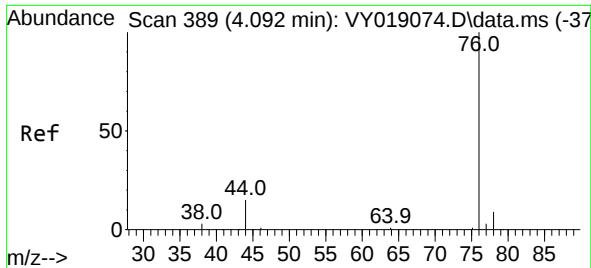
Tgt Ion: 43 Resp: 368

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#

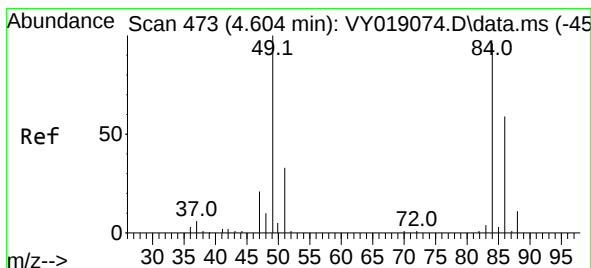
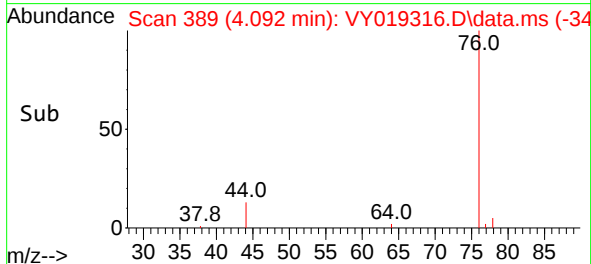
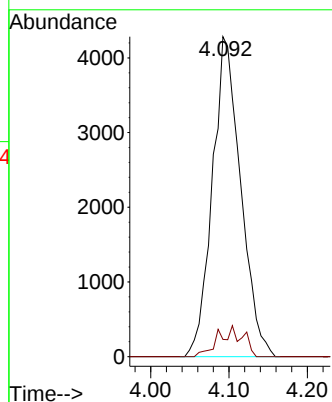
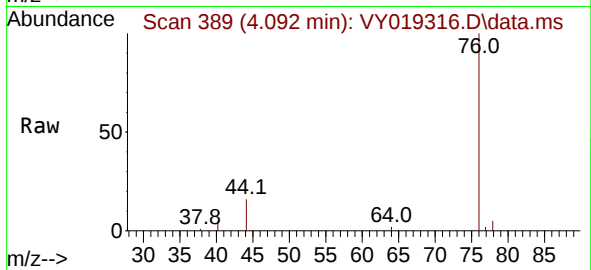




#17
Carbon Disulfide
Concen: 4.367 ug/l
RT: 4.092 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

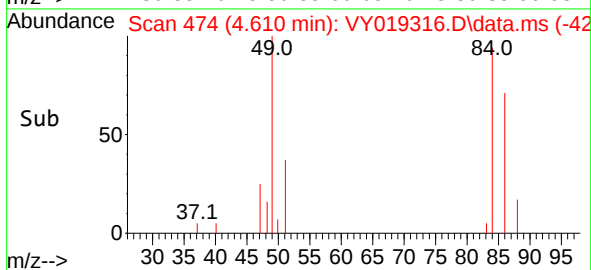
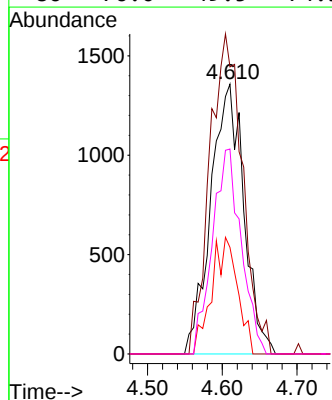
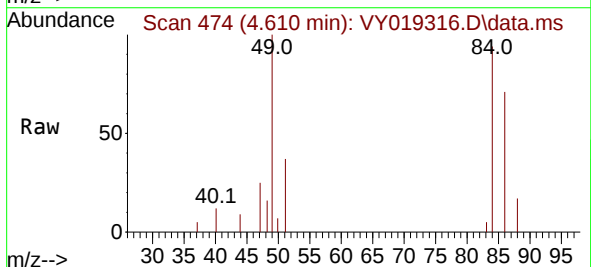
Instrument :
MSVOA_Y
ClientSampleId :

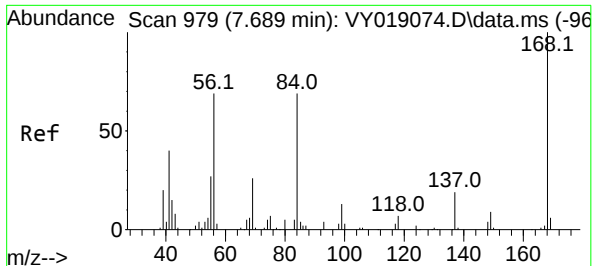
Tgt Ion: 76 Resp: 10747
Ion Ratio Lower Upper
76 100
78 5.4 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

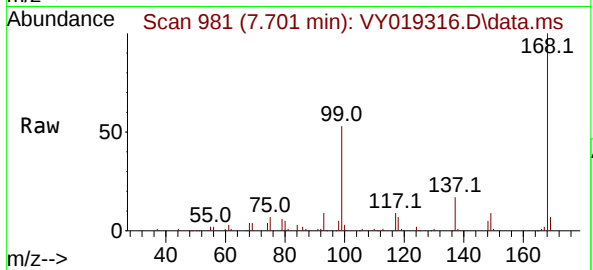
Tgt Ion: 84 Resp: 4172
Ion Ratio Lower Upper
84 100
49 106.4 84.4 126.6
51 39.5 26.0 39.0#
86 76.0 49.5 74.3#



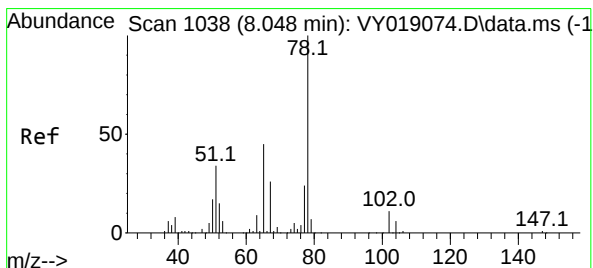
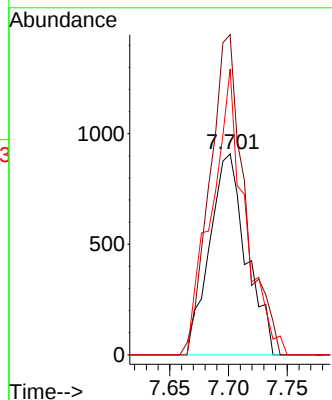
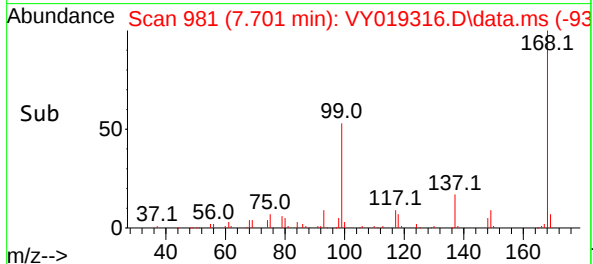


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

Instrument :
MSVOA_Y
ClientSampleId :

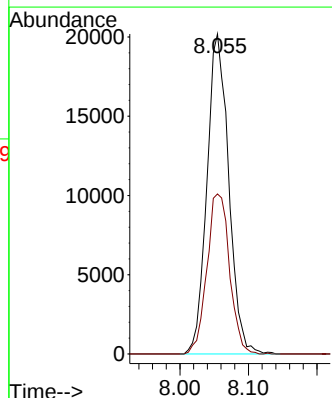
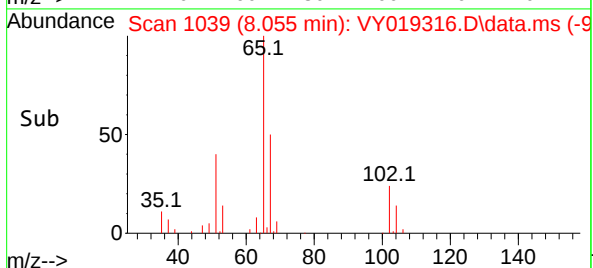
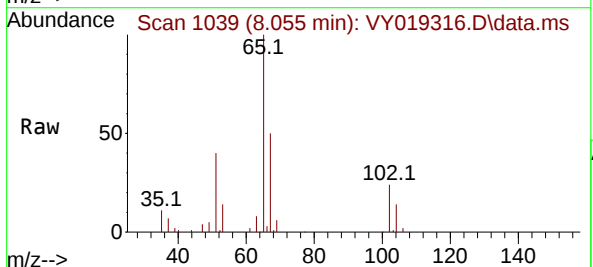


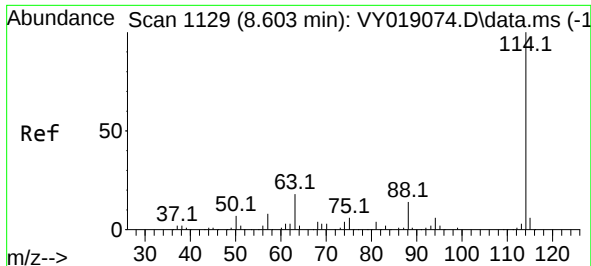
Tgt Ion: 56 Resp: 1974
Ion Ratio Lower Upper
56 100
69 159.3 28.7 43.1#
84 142.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 50.801 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

Tgt Ion: 65 Resp: 44545
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

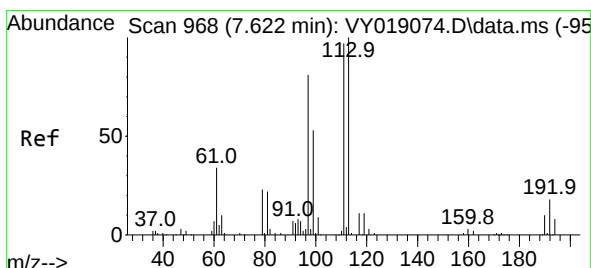
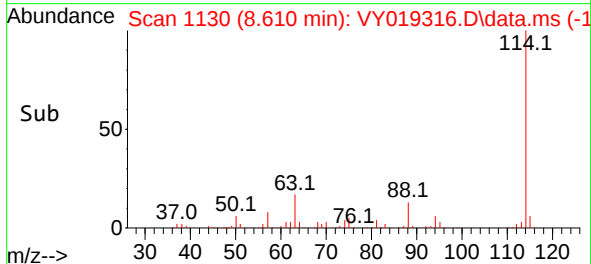
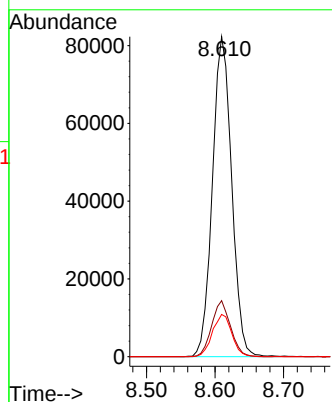
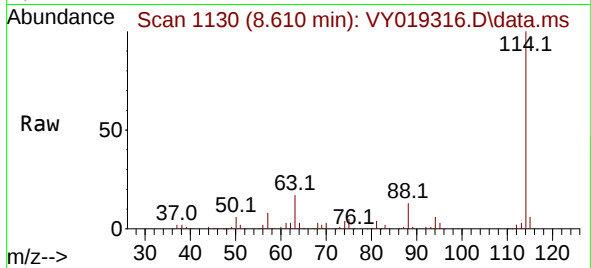




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

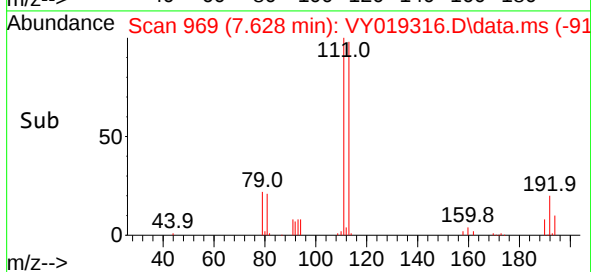
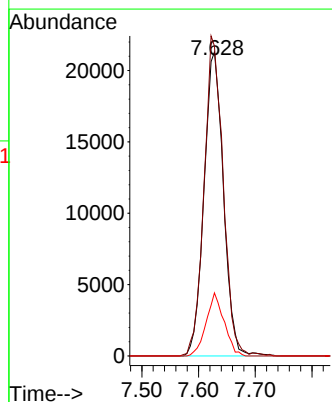
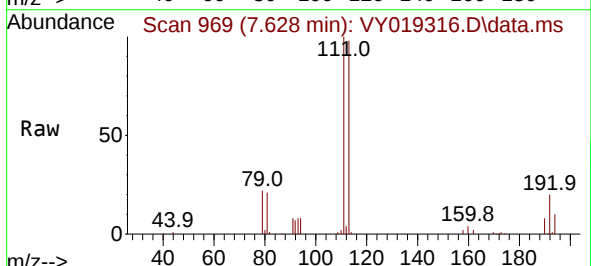
Instrument :
MSVOA_Y
ClientSampleId :

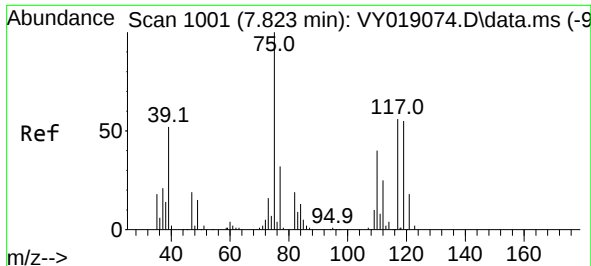
Tgt Ion:114 Resp: 160232
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.0
88 13.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.400 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

Tgt Ion:113 Resp: 50708
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 19.2 15.9 23.9

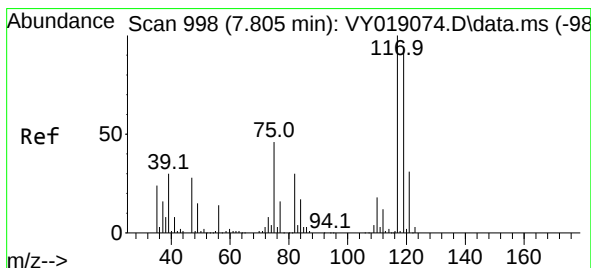
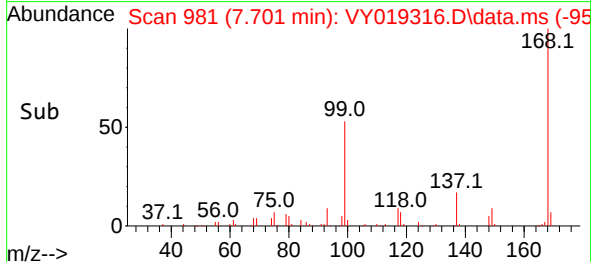
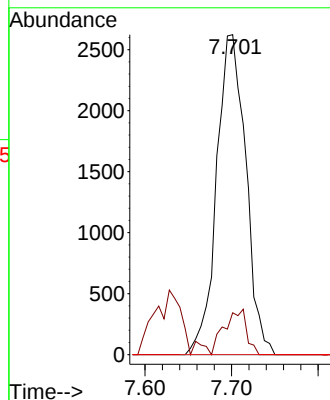
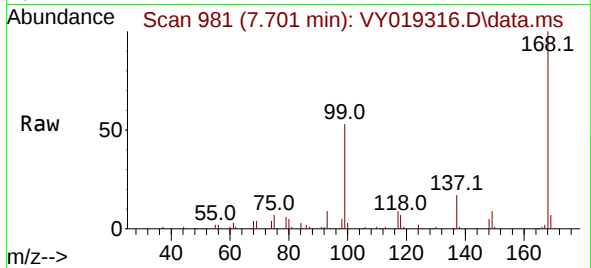




#36
1,1-Dichloropropene
Concen: 4.271 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

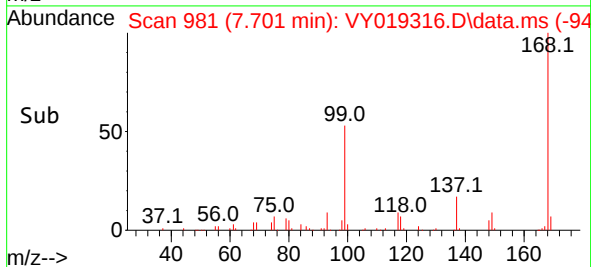
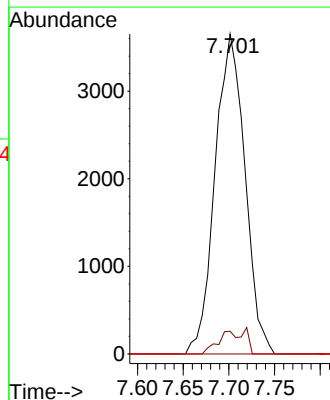
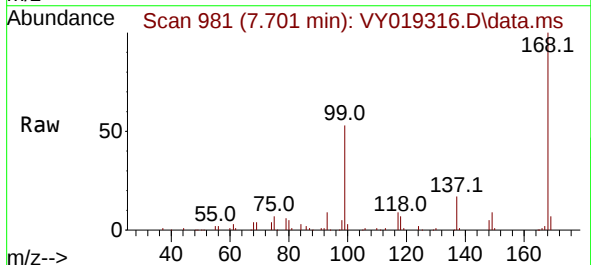
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ClientSampleId :

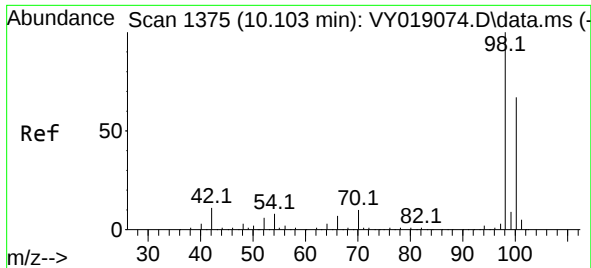
Tgt Ion: 75 Resp: 6144
Ion Ratio Lower Upper
75 100
110 10.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.977 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

Tgt Ion: 117 Resp: 8298
Ion Ratio Lower Upper
117 100
119 7.1 75.8 113.6#
121 0.0 24.0 36.0#

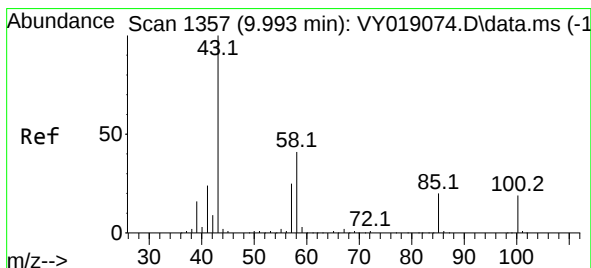
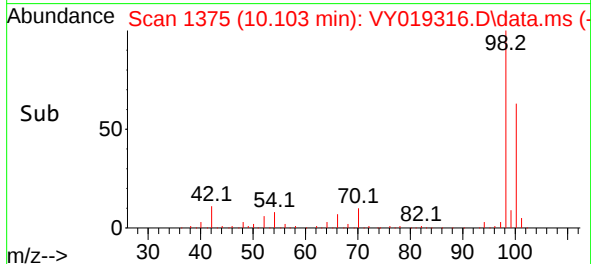
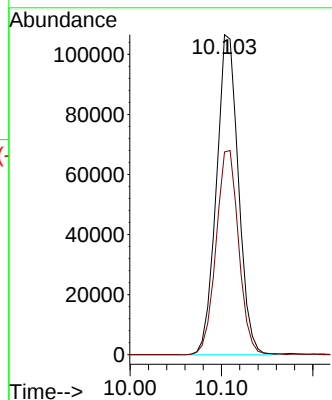
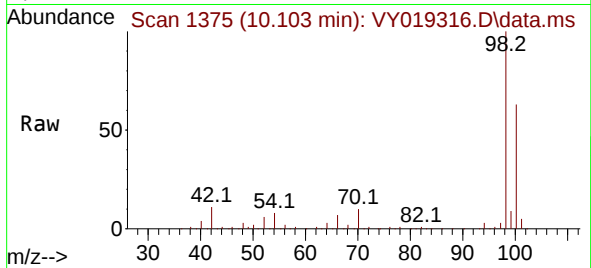




#50
Toluene-d8
Concen: 47.341 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

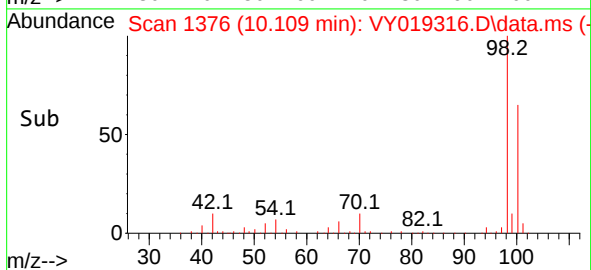
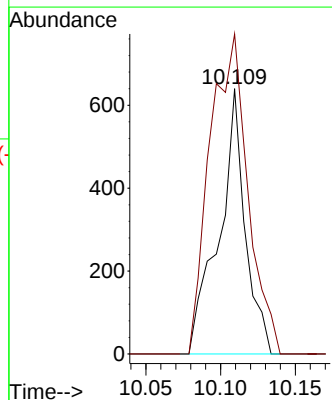
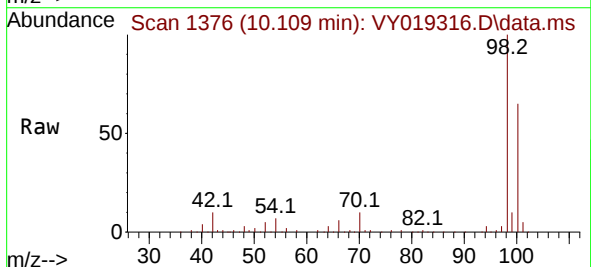
Instrument :
MSVOA_Y
ClientSampleId :

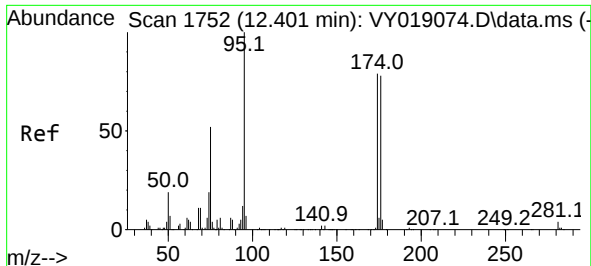
Tgt Ion: 98 Resp: 178488
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.142 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.116 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
58 174.4 35.7 53.5#





#62

4-Bromofluorobenzene

Concen: 40.280 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019316.D

Acq: 28 Aug 2024 05:49

Instrument :

MSVOA_Y

ClientSampleId :

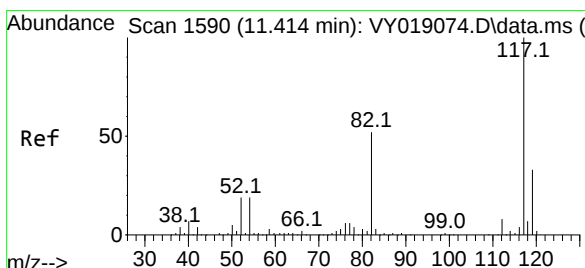
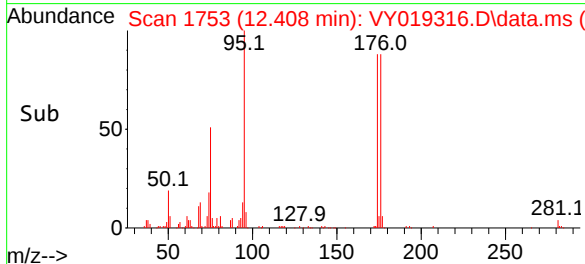
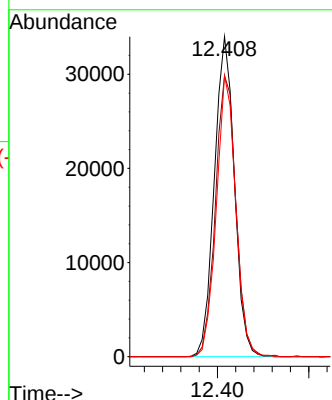
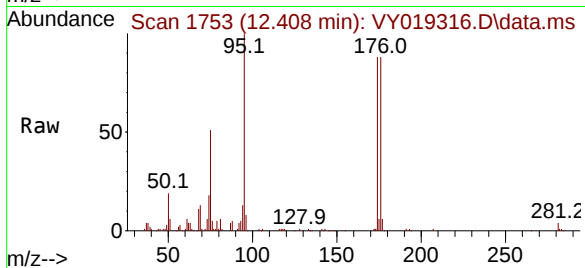
Tgt Ion: 95 Resp: 51771

Ion Ratio Lower Upper

95 100

174 89.8 0.0 175.6

176 85.0 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019316.D

Acq: 28 Aug 2024 05:49

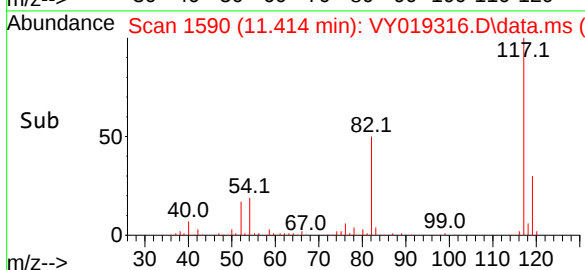
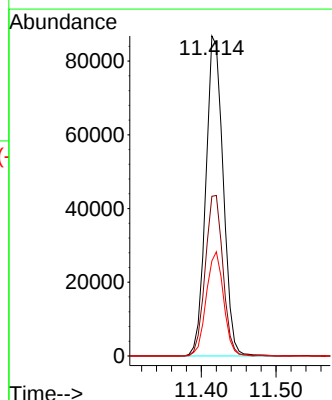
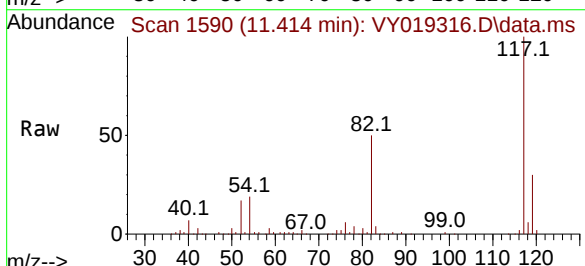
Tgt Ion: 117 Resp: 140131

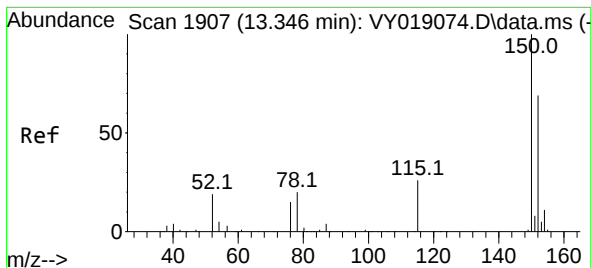
Ion Ratio Lower Upper

117 100

82 49.9 42.4 63.6

119 29.7 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: VY019316.D

Acq: 28 Aug 2024 05:49

Instrument :

MSVOA_Y

ClientSampleId :

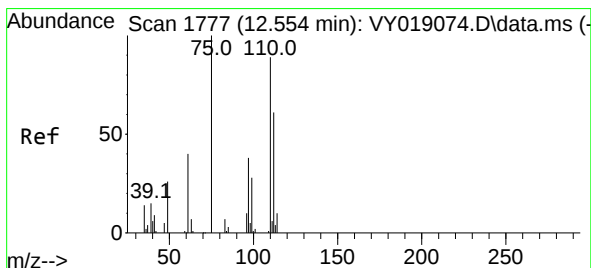
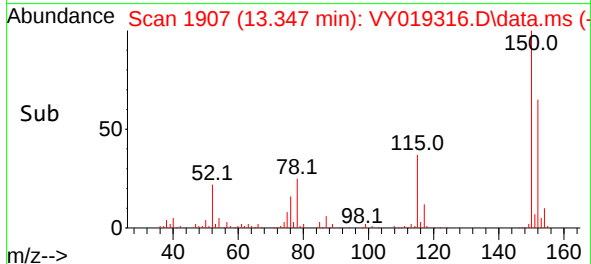
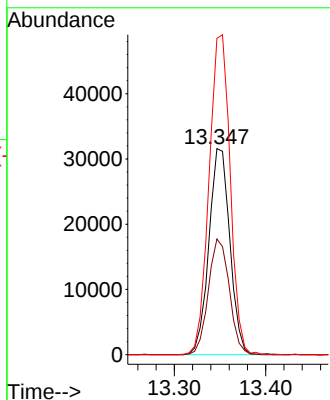
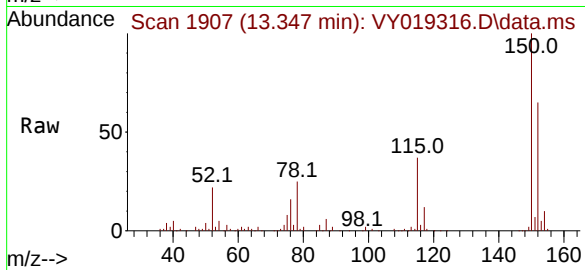
Tgt Ion:152 Resp: 50293

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 156.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 55.212 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019316.D

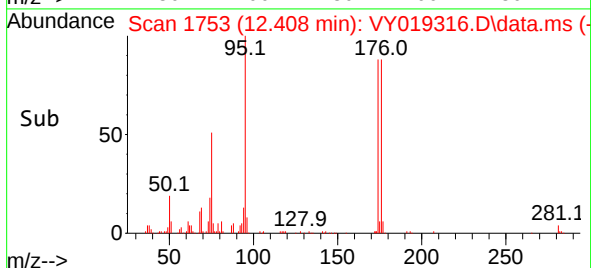
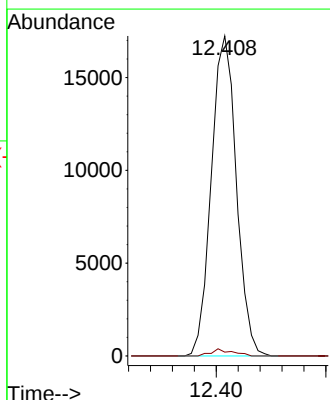
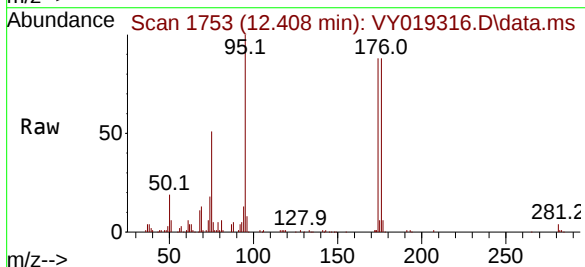
Acq: 28 Aug 2024 05:49

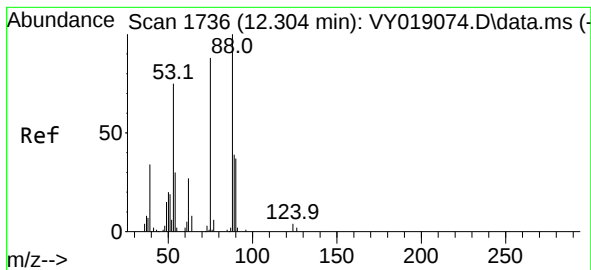
Tgt Ion: 75 Resp: 27384

Ion Ratio Lower Upper

75 100

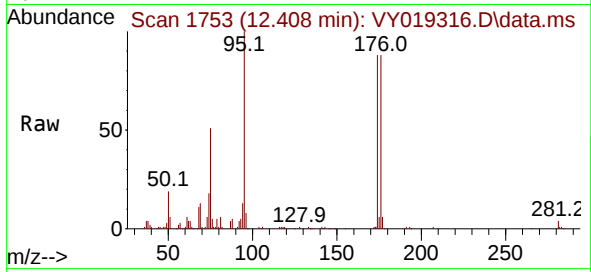
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.355 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019316.D
 Acq: 28 Aug 2024 05:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	27384
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

