

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019183.D
 Acq On : 21 Aug 2024 20:43
 Operator : SY/MD
 Sample : P3643-13
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:19:16 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)

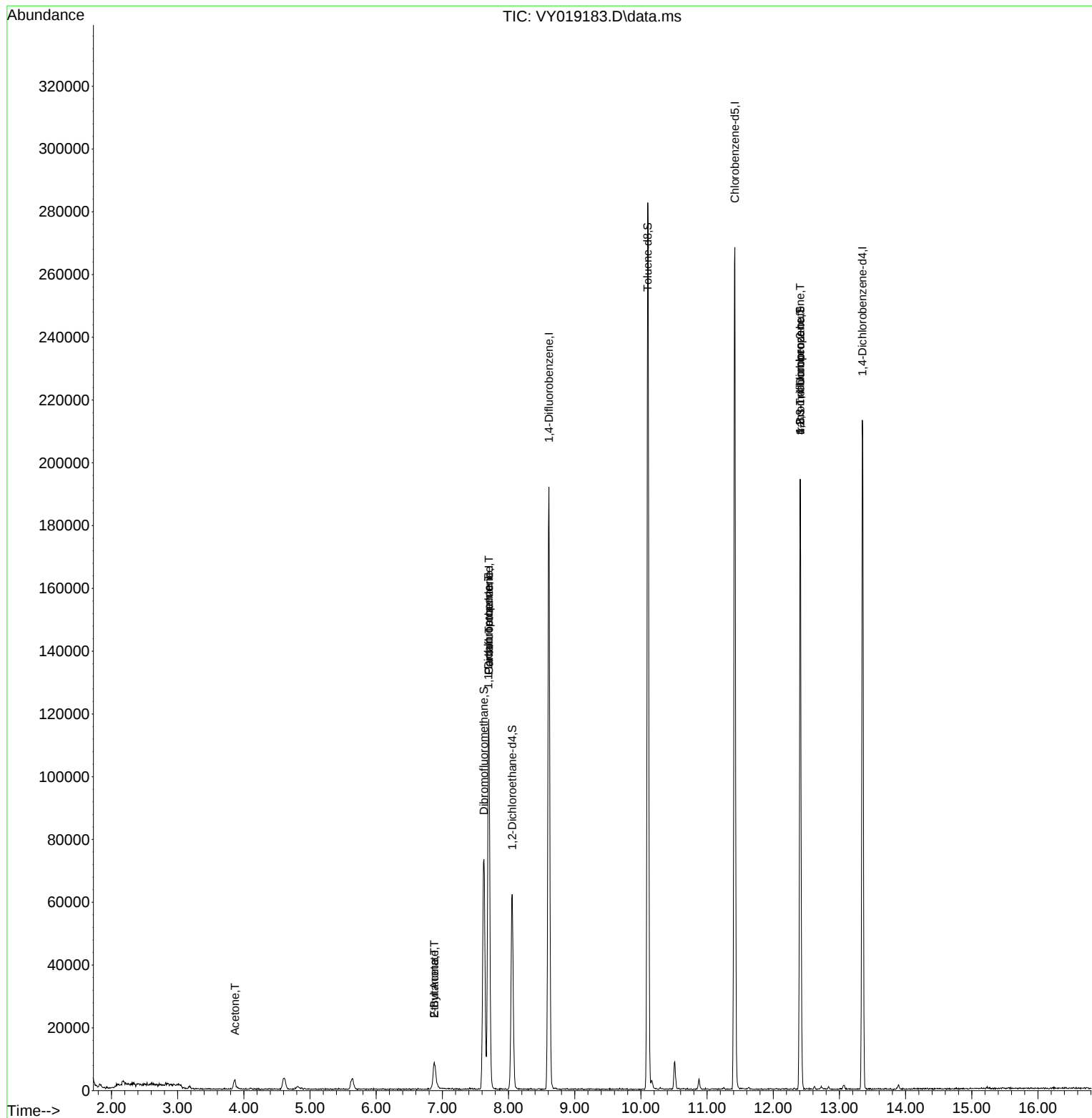
Internal Standards						
1) Pentafluorobenzene	7.701	168	93341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	164721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	149302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	54334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	50471	53.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.880%	
35) Dibromofluoromethane	7.628	113	52973	49.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.360%	
50) Toluene-d8	10.103	98	183605	47.371	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.740%	
62) 4-Bromofluorobenzene	12.408	95	55573	42.060	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 84.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.605	94	204	Below Cal	#	74
6) Chloroethane	2.696	64	23	Below Cal	#	42
11) Tert butyl alcohol	4.872	59	56	Below Cal	#	88
16) Acetone	3.867	43	4861	28.014	ug/l	97
20) Methylene Chloride	4.604	84	2746	Below Cal	#	69
25) 2-Butanone	6.878	43	1644	5.883	ug/l	# 63
31) Cyclohexane	7.701	56	2198	Below Cal	#	23
36) 1,1-Dichloropropene	7.695	75	7367	4.981	ug/l	# 48
37) Ethyl Acetate	6.878	43	1644	2.509	ug/l	# 77
38) Carbon Tetrachloride	7.701	117	9958	5.810	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	31006	57.865	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	31006	142.908	ug/l	# 16

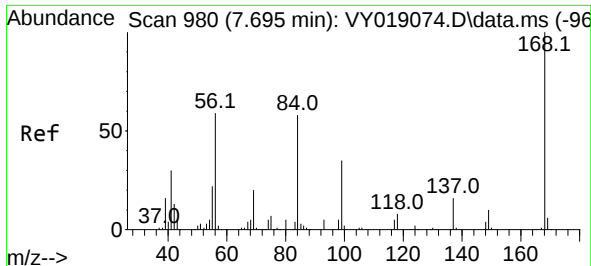
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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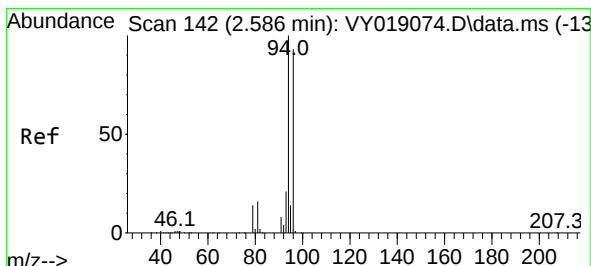
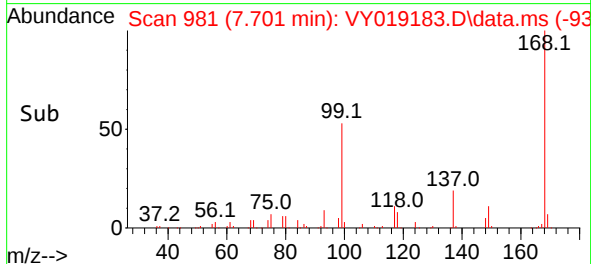
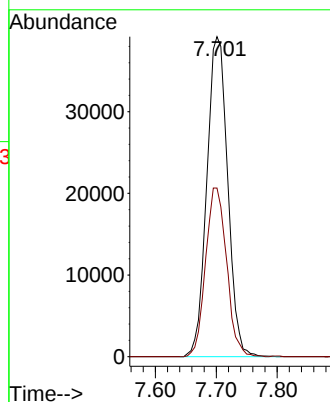
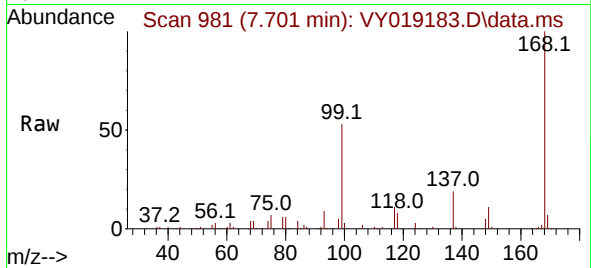




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019183.D
Acq: 21 Aug 2024 20:43

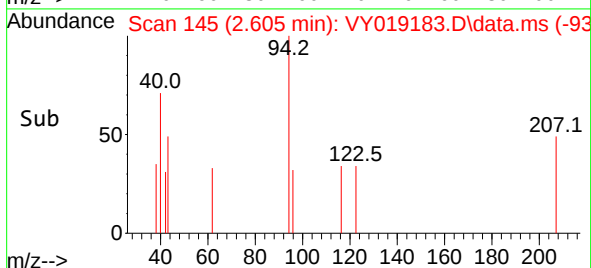
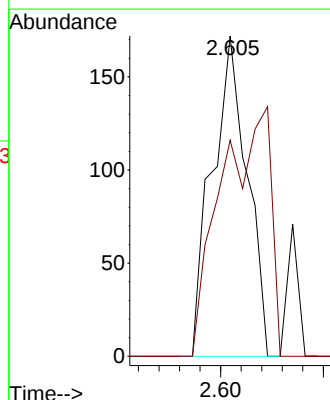
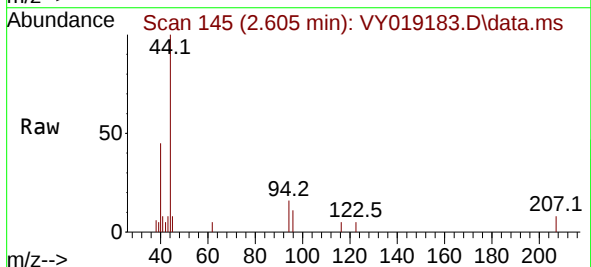
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 93341
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019183.D
Acq: 21 Aug 2024 20:43

Tgt Ion: 94 Resp: 204
Ion Ratio Lower Upper
94 100
96 67.4 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.872 min Scan# 512

Delta R.T. 0.030 min

Lab File: VY019183.D

Acq: 21 Aug 2024 20:43

Instrument :

MSVOA_Y

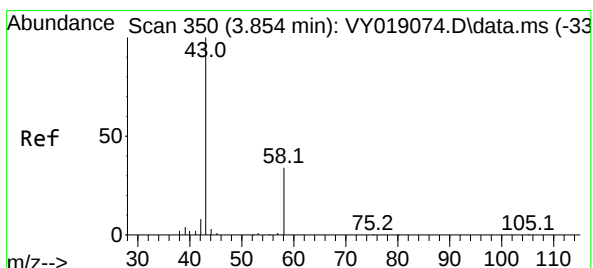
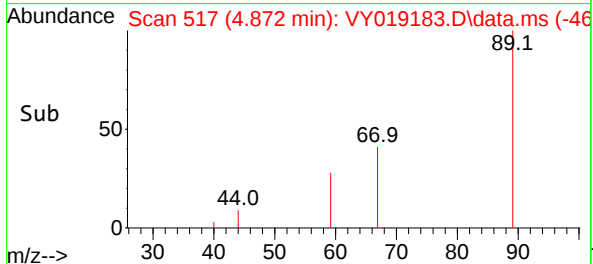
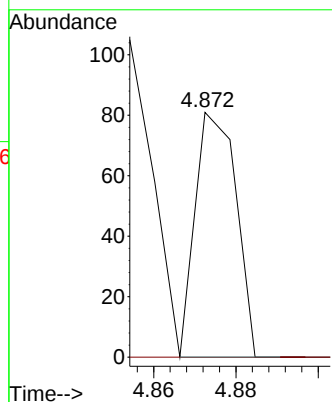
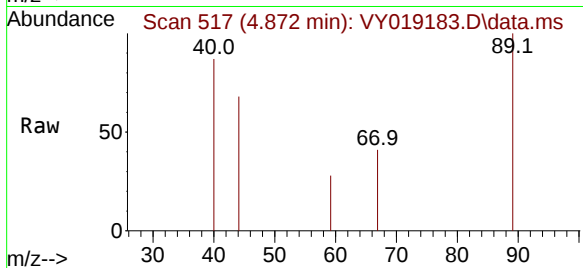
ClientSampleId :

Tgt Ion: 59 Resp: 56

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 28.014 ug/l

RT: 3.867 min Scan# 352

Delta R.T. 0.013 min

Lab File: VY019183.D

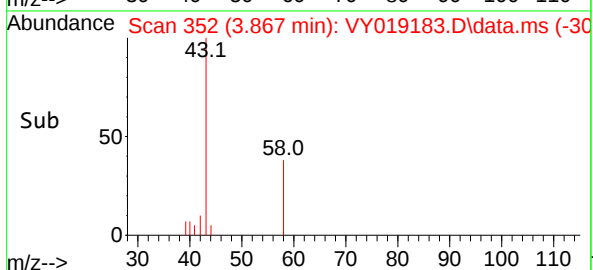
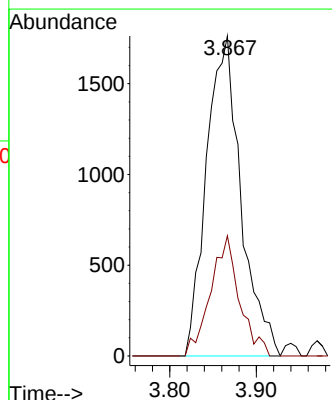
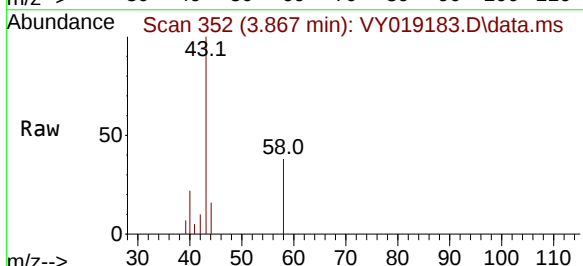
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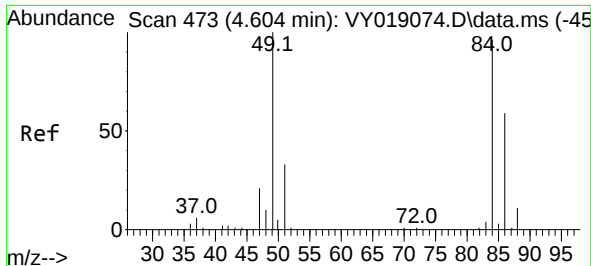
Tgt Ion: 43 Resp: 4861

Ion Ratio Lower Upper

43 100

58 37.5 31.7 47.5





#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 41

Delta R.T. 0.000 min

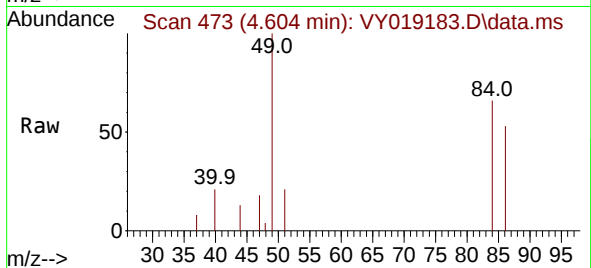
Lab File: VY019183.D

Acq: 21 Aug 2024 20:43

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 2746

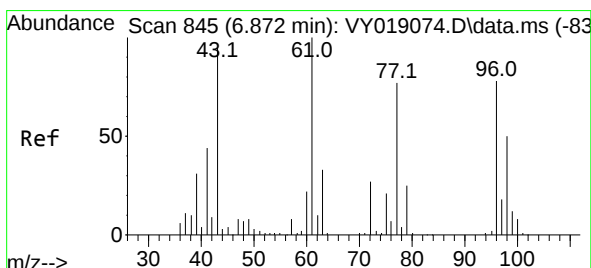
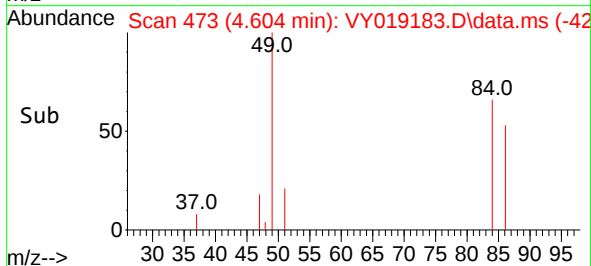
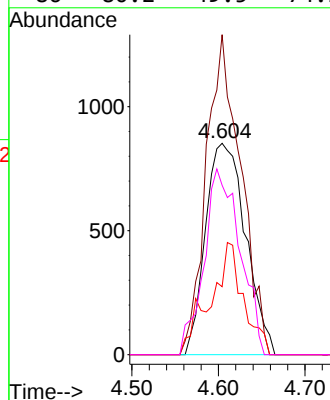
Ion Ratio Lower Upper

84 100

49 151.4 84.4 126.6#

51 32.2 26.0 39.0

86 80.2 49.5 74.3#



#25

2-Butanone

Concen: 5.883 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY019183.D

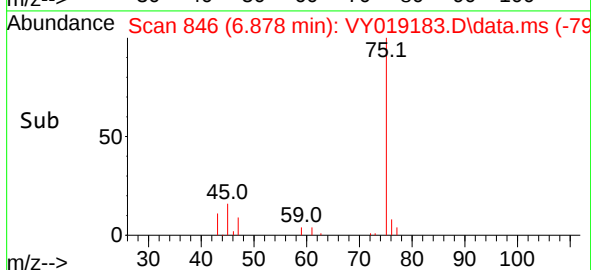
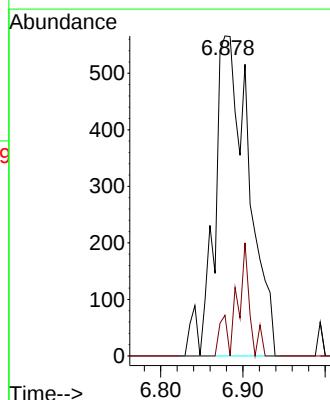
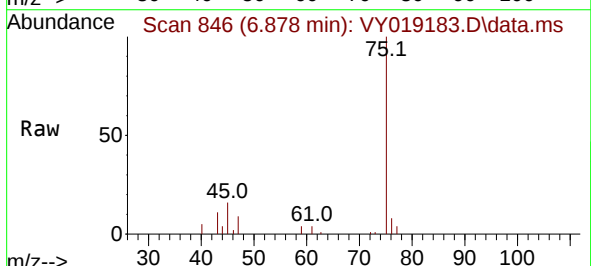
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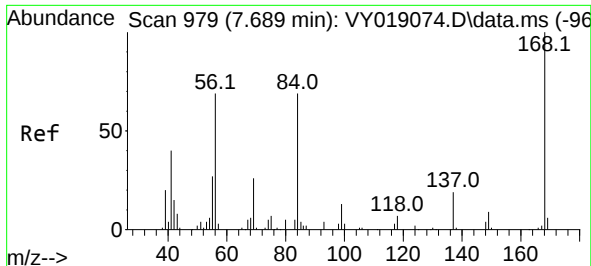
Tgt Ion: 43 Resp: 1644

Ion Ratio Lower Upper

43 100

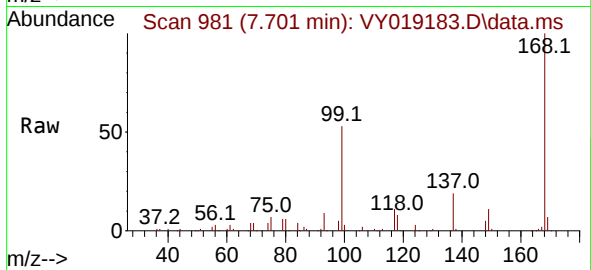
72 12.7 27.3 40.9#



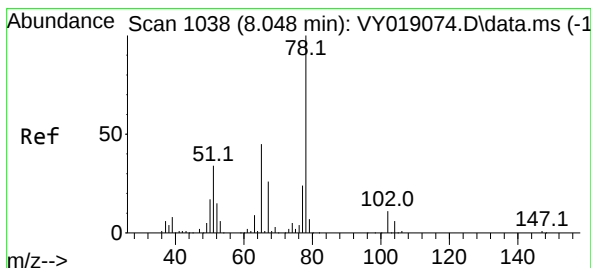
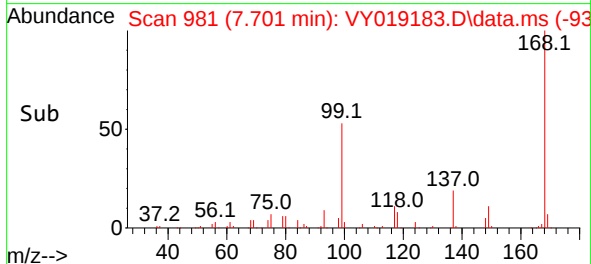
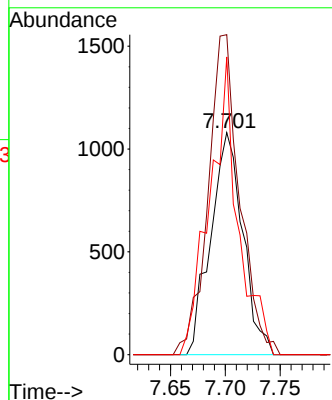


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019183.D
Acq: 21 Aug 2024 20:43

Instrument :
MSVOA_Y
ClientSampleId :

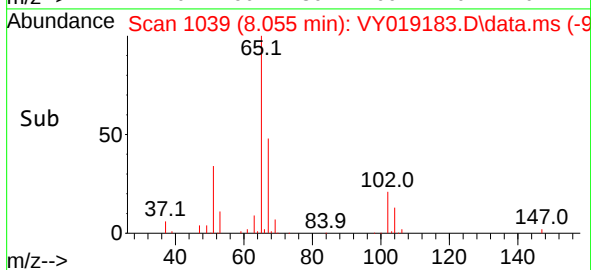
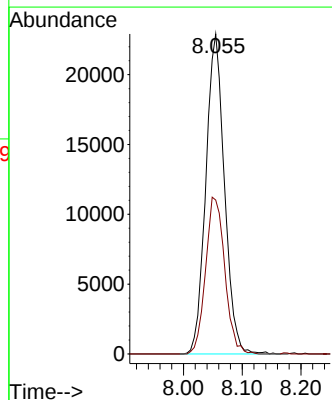
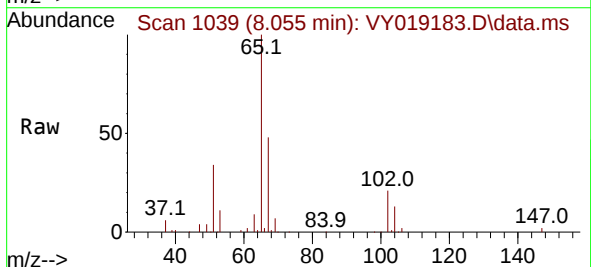


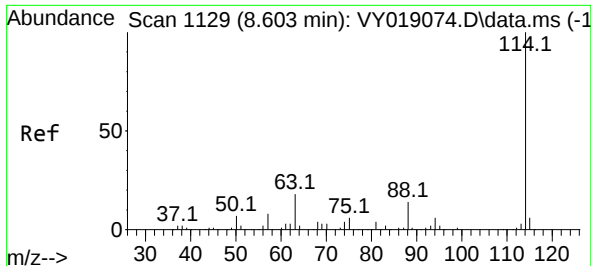
Tgt Ion: 56 Resp: 2198
Ion Ratio Lower Upper
56 100
69 144.1 28.7 43.1#
84 134.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.941 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019183.D
Acq: 21 Aug 2024 20:43

Tgt Ion: 65 Resp: 50471
Ion Ratio Lower Upper
65 100
67 50.5 0.0 109.6

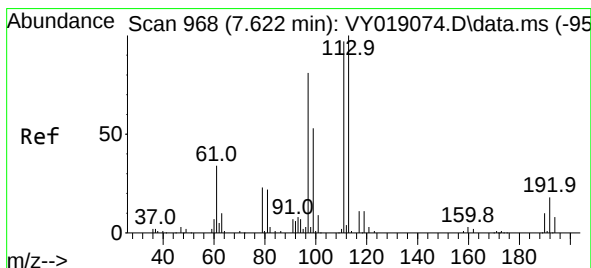
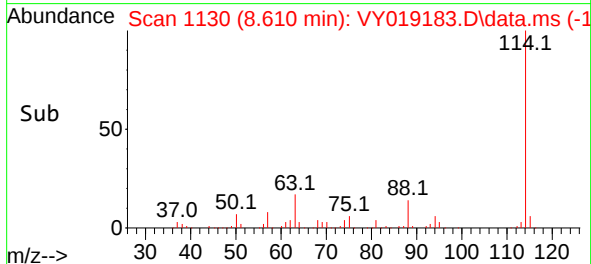
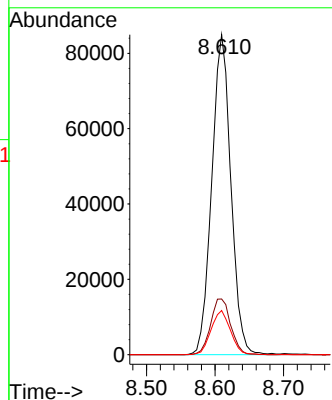
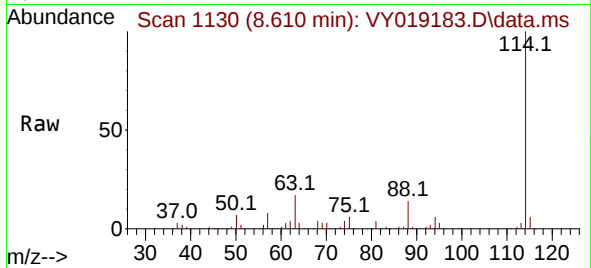




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019183.D
Acq: 21 Aug 2024 20:43

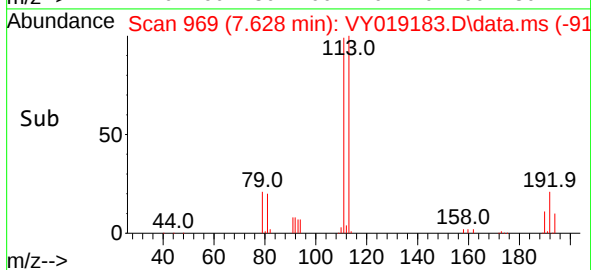
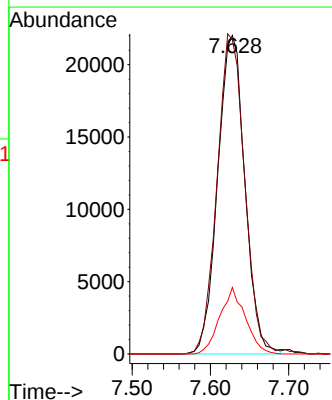
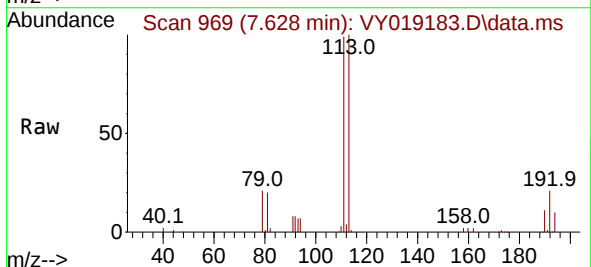
Instrument :
MSVOA_Y
ClientSampleId :

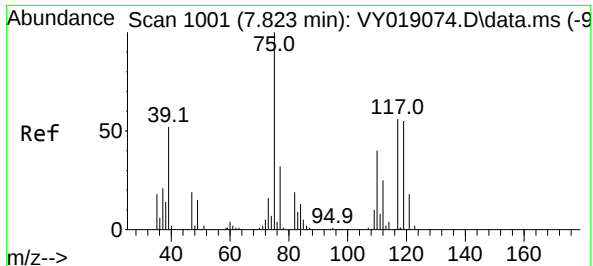
Tgt Ion:114 Resp: 164721
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 13.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.184 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019183.D
Acq: 21 Aug 2024 20:43

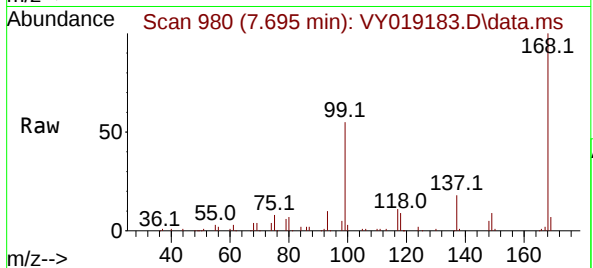
Tgt Ion:113 Resp: 52973
Ion Ratio Lower Upper
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111 102.3 82.2 123.4
192 19.6 15.9 23.9



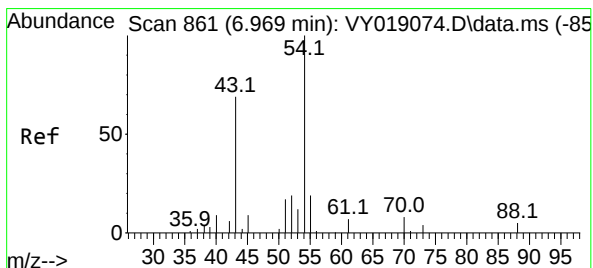
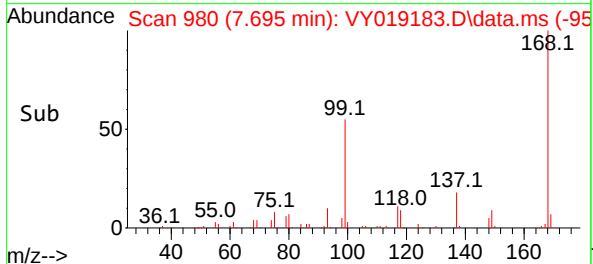
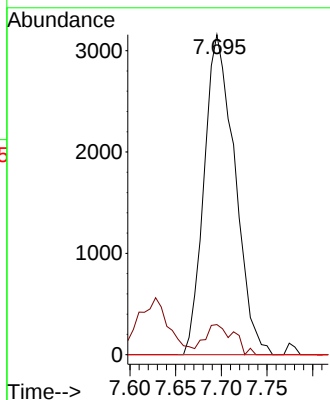


#36
 1,1-Dichloropropene
 Concen: 4.981 ug/l
 RT: 7.695 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY019183.D
 Acq: 21 Aug 2024 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :

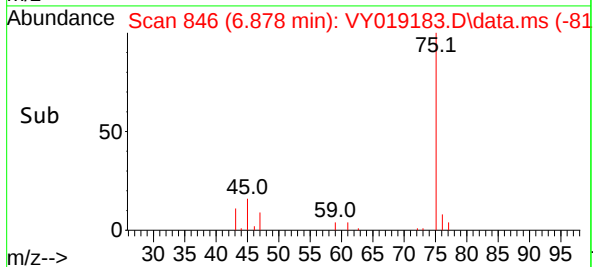
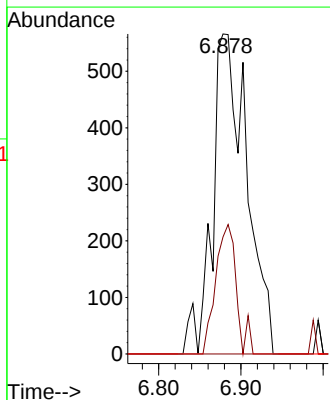
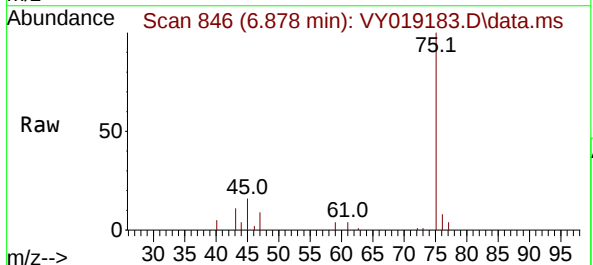


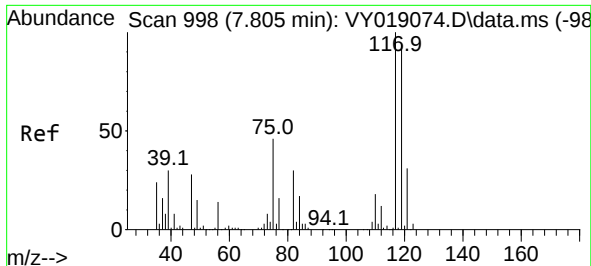
Tgt Ion: 75 Resp: 7367
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.0 57.0#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 2.509 ug/l
 RT: 6.878 min Scan# 846
 Delta R.T. -0.091 min
 Lab File: VY019183.D
 Acq: 21 Aug 2024 20:43

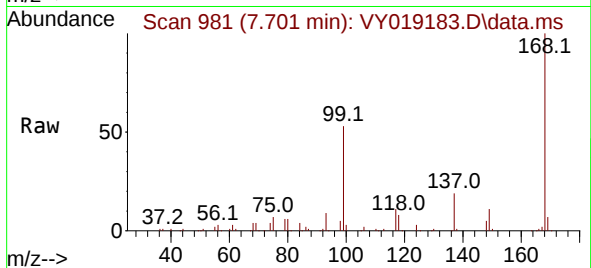
Tgt Ion: 43 Resp: 1644
 Ion Ratio Lower Upper
 43 100
 61 24.3 12.6 19.0#
 70 0.0 7.8 11.8#



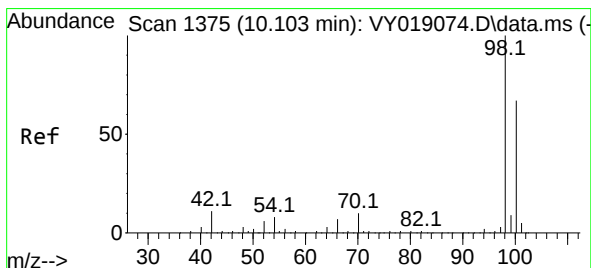
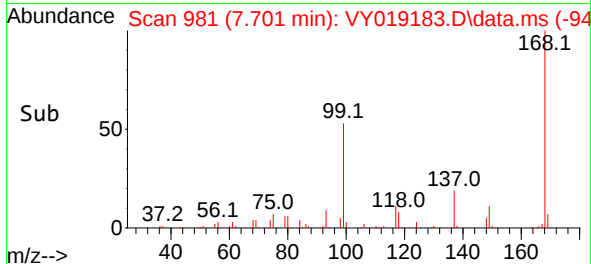
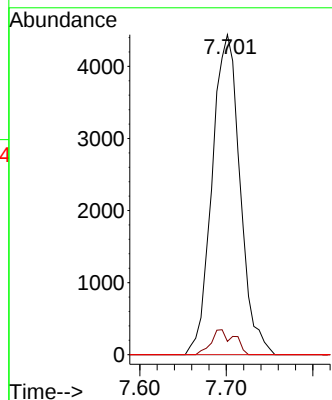


#38
Carbon Tetrachloride
Concen: 5.810 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019183.D
Acq: 21 Aug 2024 20:43

Instrument :
MSVOA_Y
ClientSampleId :

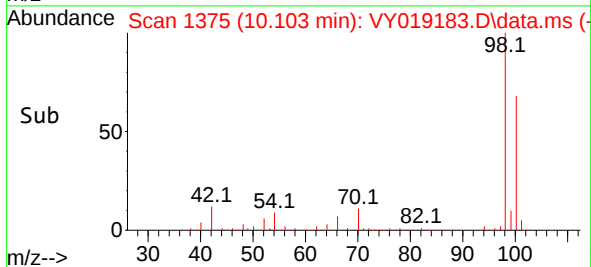
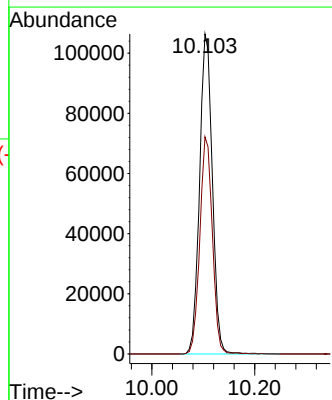
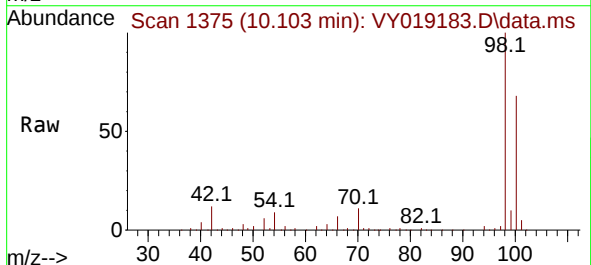


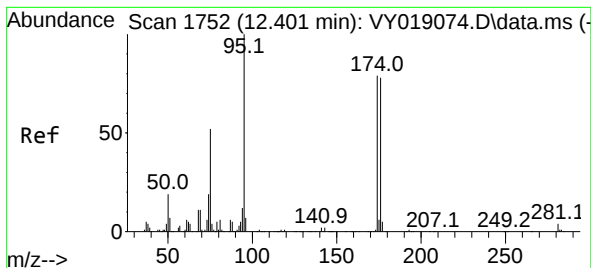
Tgt Ion:117 Resp: 9958
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.371 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019183.D
Acq: 21 Aug 2024 20:43

Tgt Ion: 98 Resp: 183605
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0

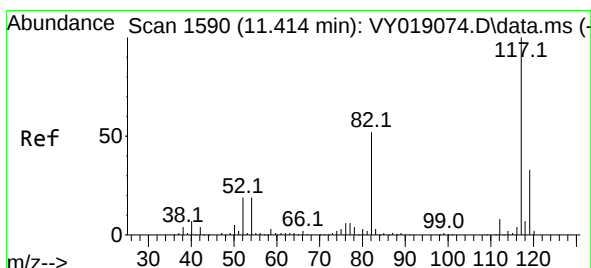
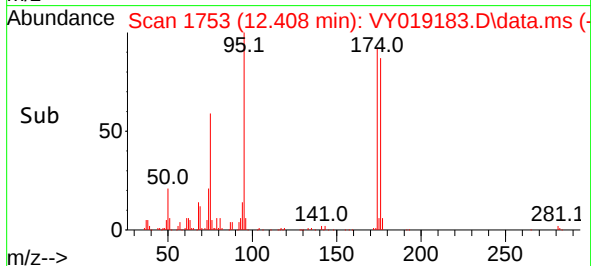
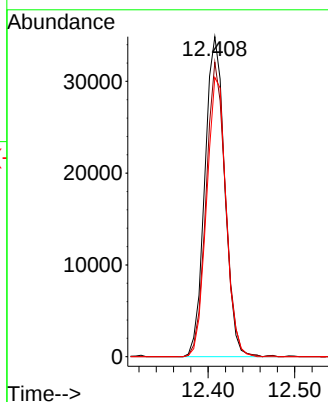
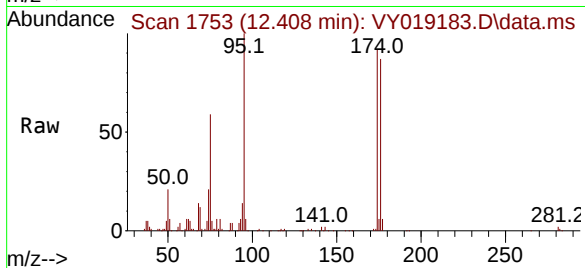




#62
4-Bromofluorobenzene
Concen: 42.060 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019183.D
Acq: 21 Aug 2024 20:43

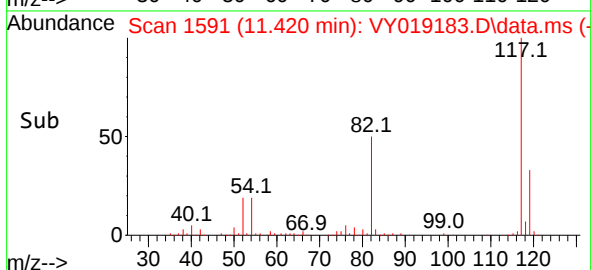
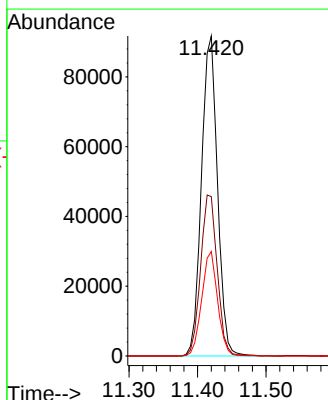
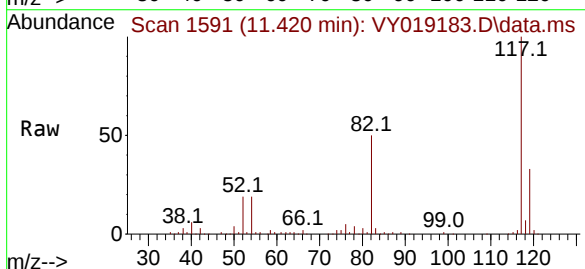
Instrument :
MSVOA_Y
ClientSampleId :

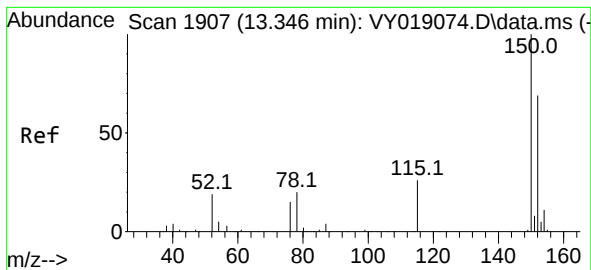
Tgt Ion: 95 Resp: 55573
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 85.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019183.D
Acq: 21 Aug 2024 20:43

Tgt Ion: 117 Resp: 149302
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 32.6 25.9 38.9

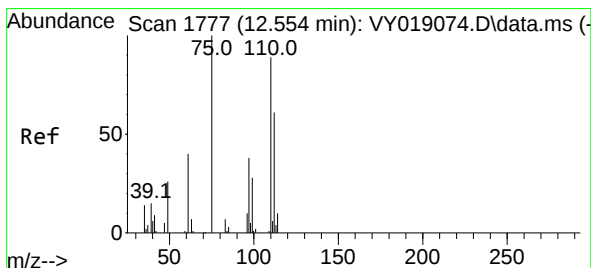
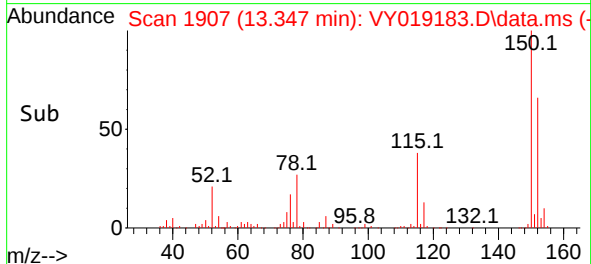
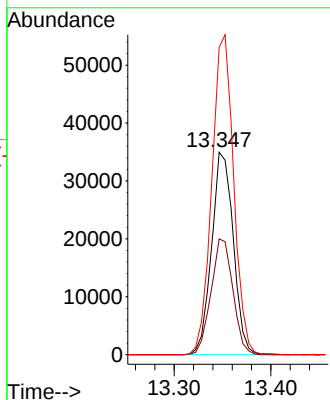
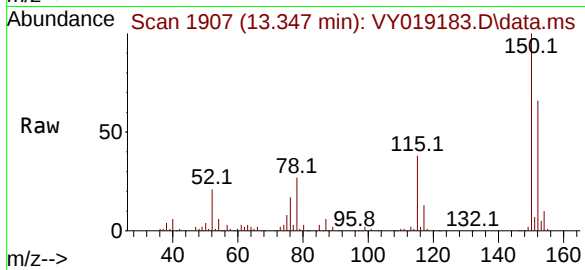




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019183.D
 Acq: 21 Aug 2024 20:43

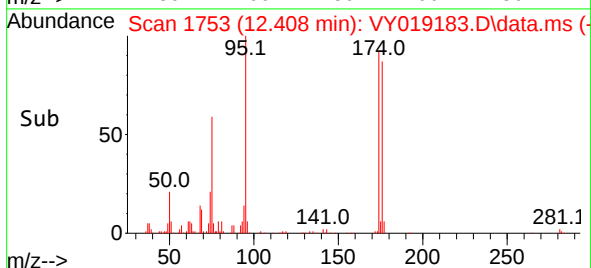
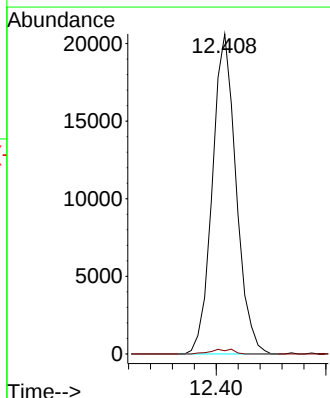
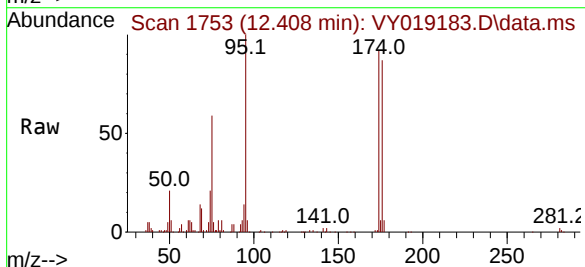
Instrument :
 MSVOA_Y
 ClientSampleId :

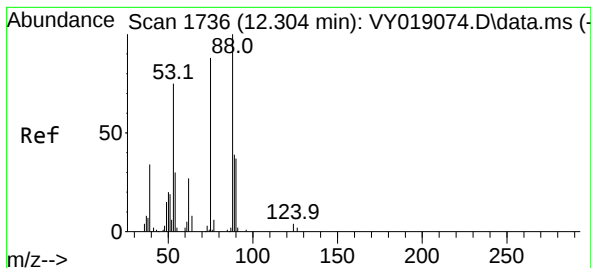
Tgt Ion:152 Resp: 54334
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.2 84.7
 150 159.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 57.865 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY019183.D
 Acq: 21 Aug 2024 20:43

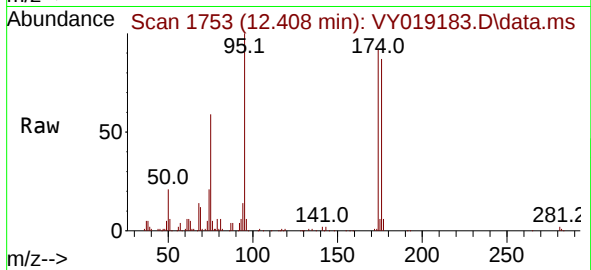
Tgt Ion: 75 Resp: 31006
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.908 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019183.D
 Acq: 21 Aug 2024 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :



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

