

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019395.D
 Acq On : 30 Aug 2024 15:03
 Operator : SY/MD
 Sample : P3758-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 16:20:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

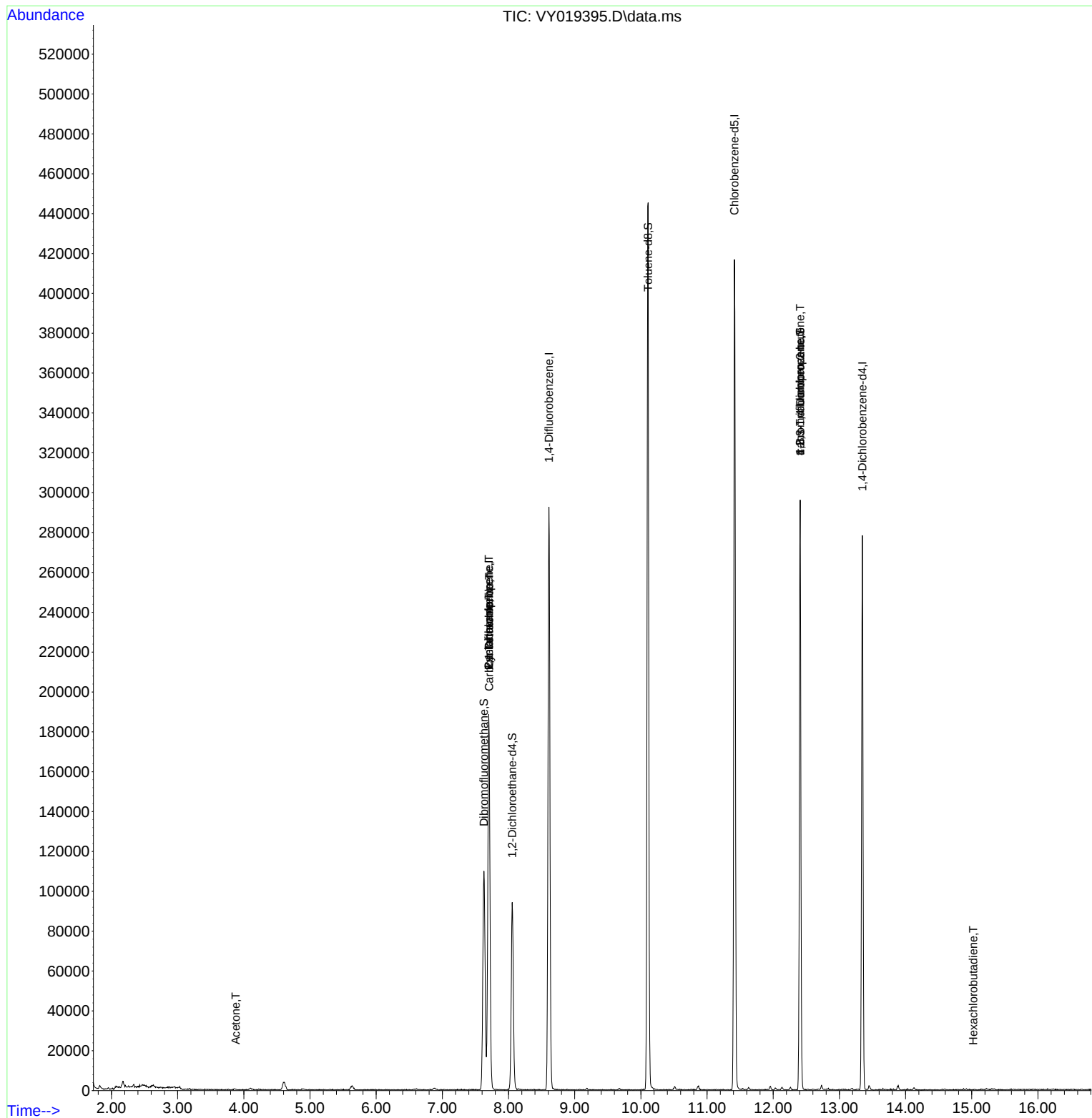
Internal Standards						
1) Pentafluorobenzene	7.701	168	149581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	255571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	226598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	69091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	74150	52.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.680%	
35) Dibromofluoromethane	7.628	113	77591	48.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.040%	
50) Toluene-d8	10.109	98	289351	48.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	12.408	95	86369	44.894	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	312	Below Cal	#	80
16) Acetone	3.879	43	788	2.828	ug/l #	73
20) Methylene Chloride	4.598	84	2938	Below Cal	#	91
31) Cyclohexane	7.701	56	2927	1.215	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	10998	4.816	ug/l #	48
38) Carbon Tetrachloride	7.707	117	14663	5.269	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	46481	76.605	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	46481	189.528	ug/l #	16
94) Hexachlorobutadiene	15.023	225	56	3.586	ug/l #	19

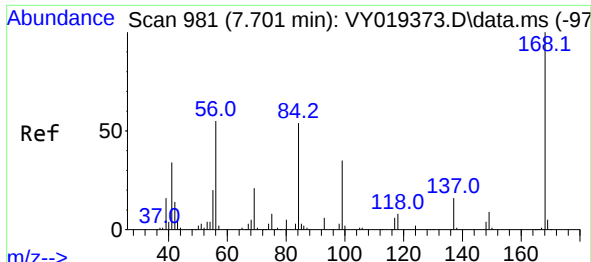
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

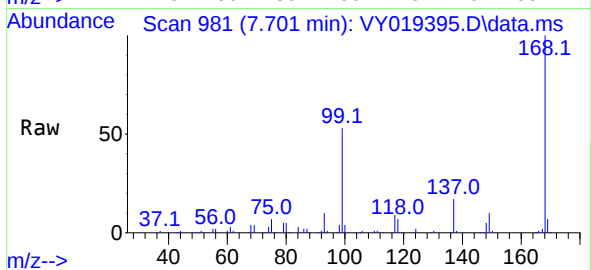
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration



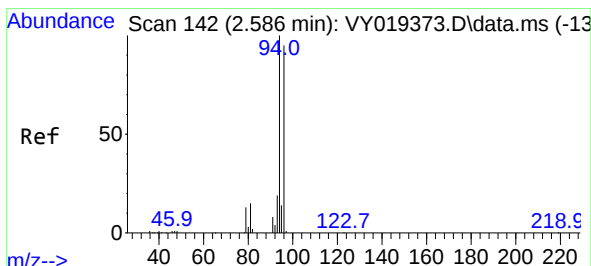
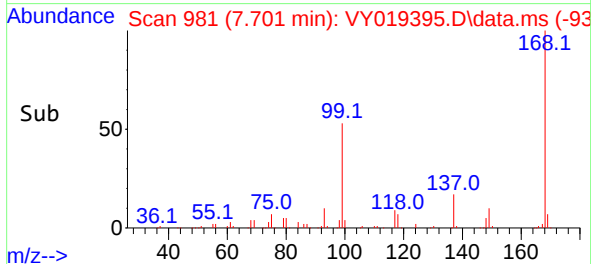
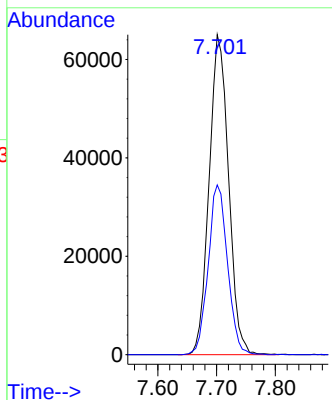


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :

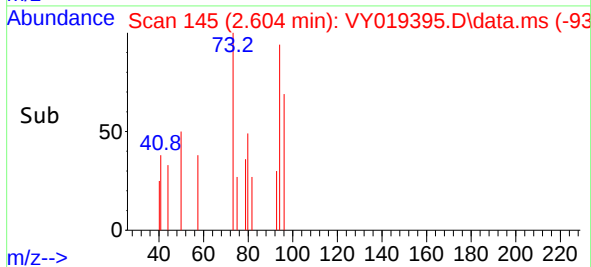
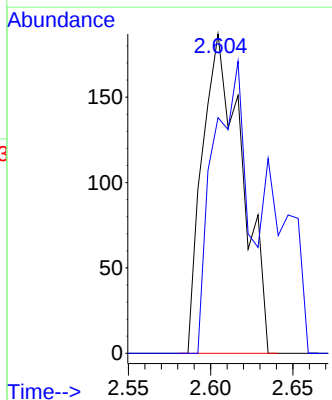
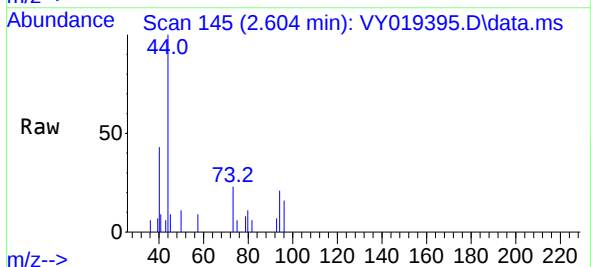


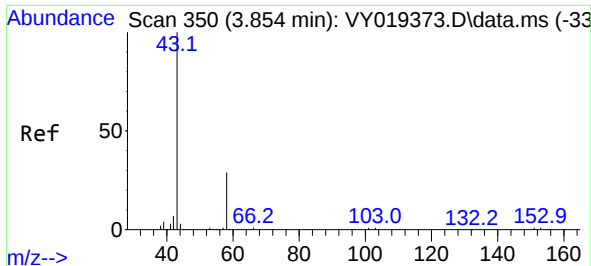
Tgt Ion:168 Resp: 149581
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

Tgt Ion: 94 Resp: 312
Ion Ratio Lower Upper
94 100
96 73.8 74.1 111.1#

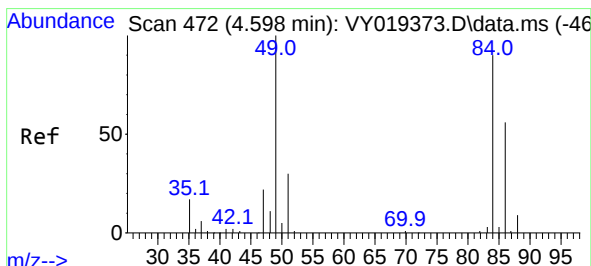
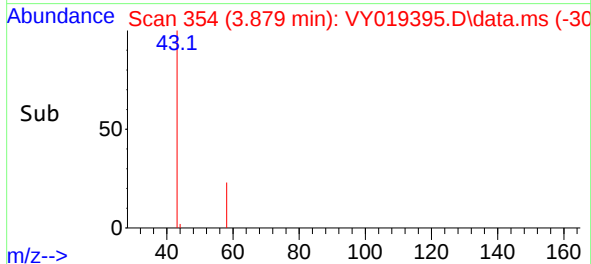
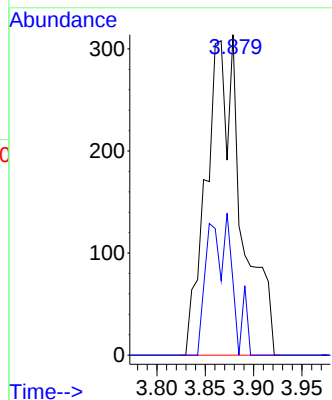
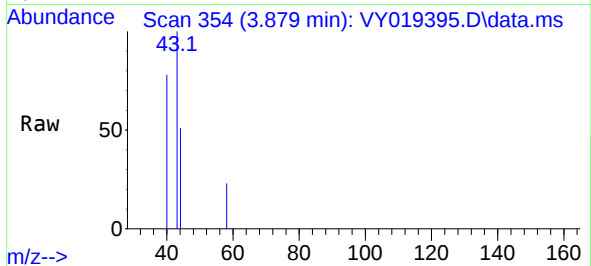




#16
Acetone
Concen: 2.828 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

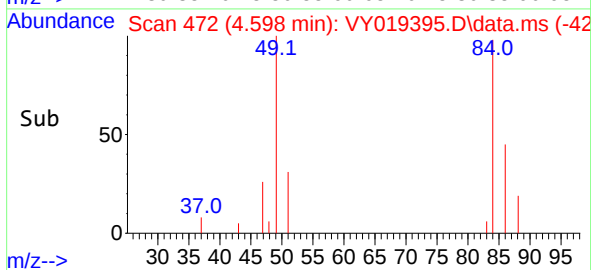
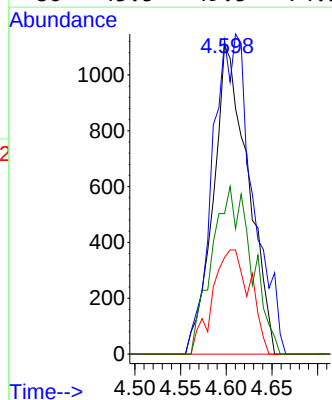
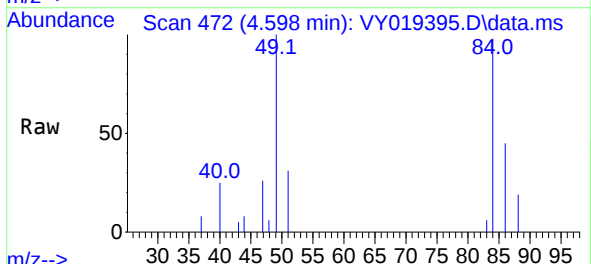
Instrument :
MSVOA_Y
ClientSampleId :

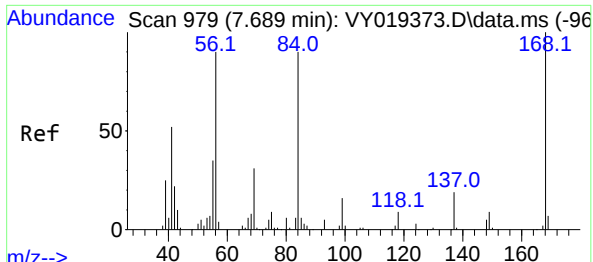
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 22.9 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

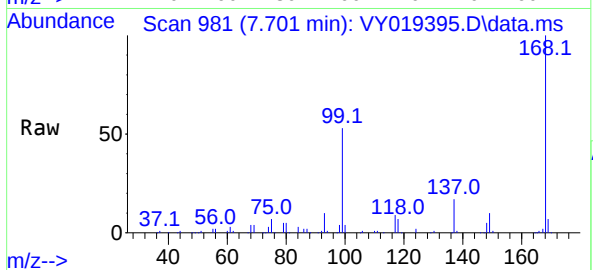
Tgt Ion: 84 Resp: 2938
Ion Ratio Lower Upper
84 100
49 101.7 84.4 126.6
51 31.3 26.0 39.0
86 45.5 49.5 74.3#



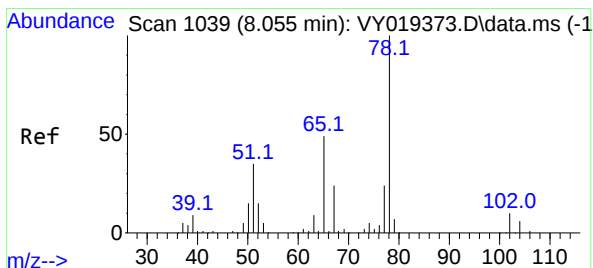
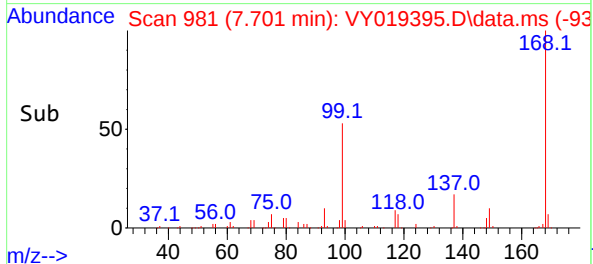
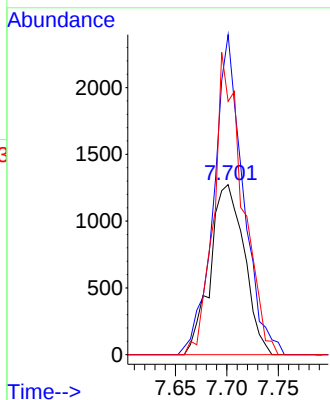


#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :

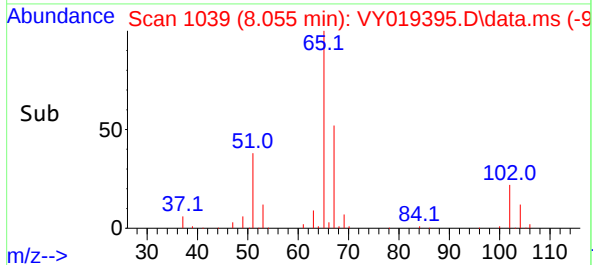
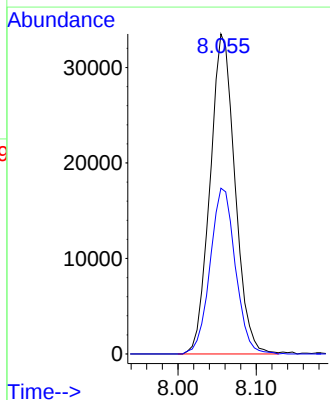
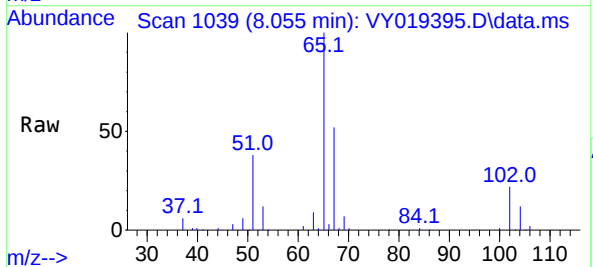


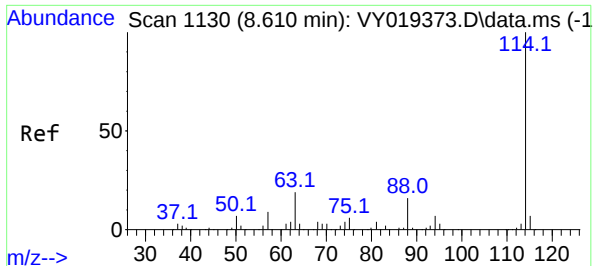
Tgt Ion: 56 Resp: 2927
Ion Ratio Lower Upper
56 100
69 188.1 28.7 43.1#
84 148.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.336 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

Tgt Ion: 65 Resp: 74150
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

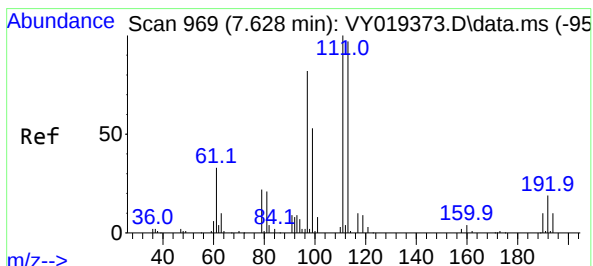
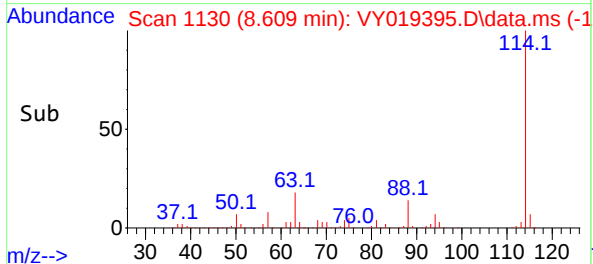
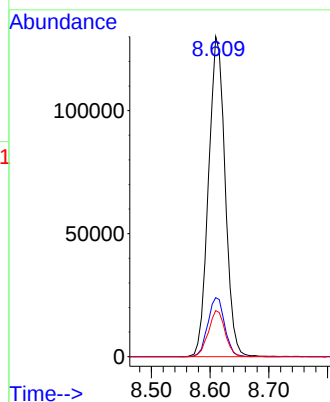
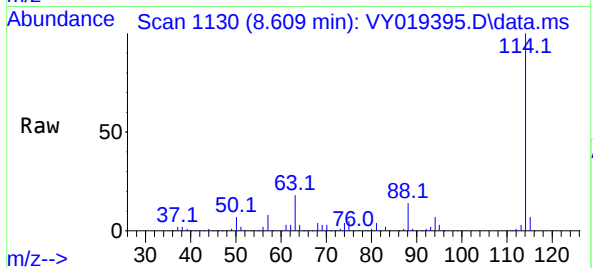




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

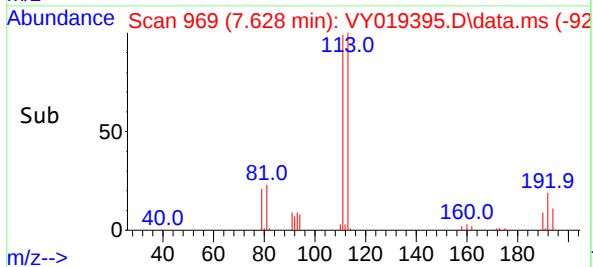
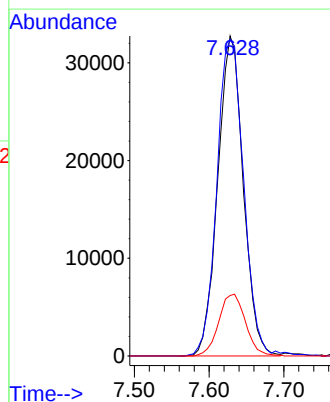
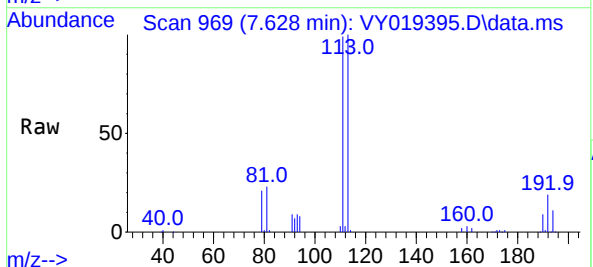
Instrument :
MSVOA_Y
ClientSampleId :

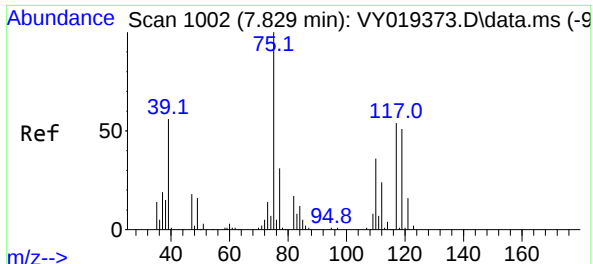
Tgt Ion:114 Resp: 255571
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.0
88 14.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.020 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

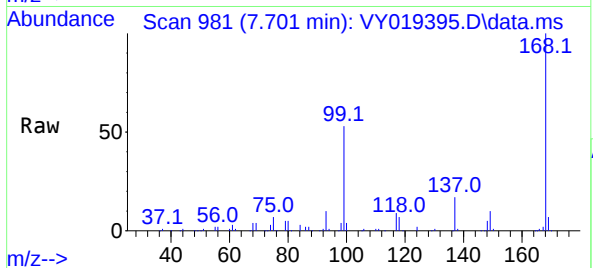
Tgt Ion:113 Resp: 77591
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 20.3 15.9 23.9



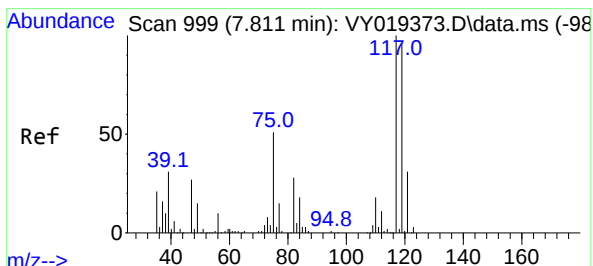
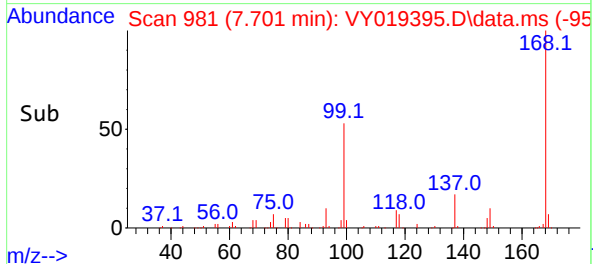
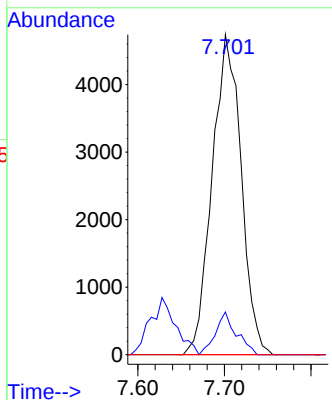


#36
1,1-Dichloropropene
Concen: 4.816 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :

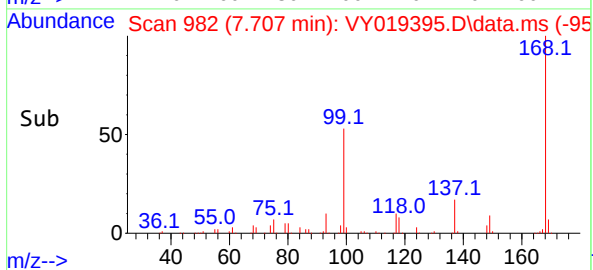
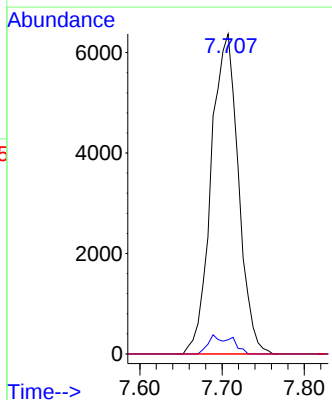
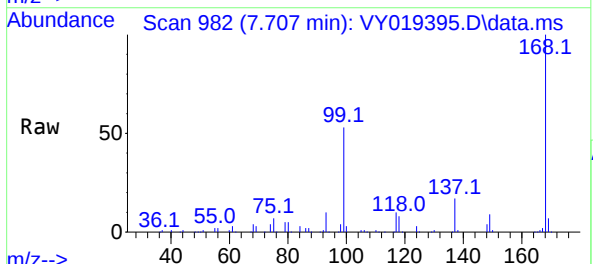


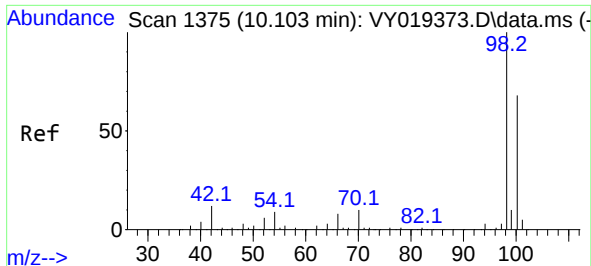
Tgt Ion: 75 Resp: 10998
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.269 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.104 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

Tgt Ion: 117 Resp: 14663
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#

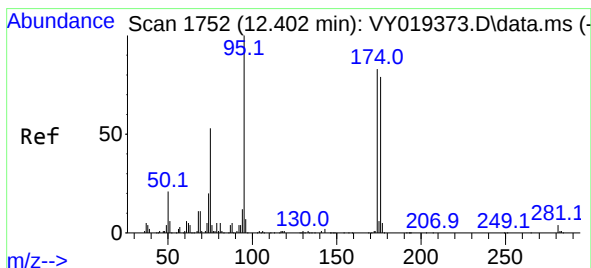
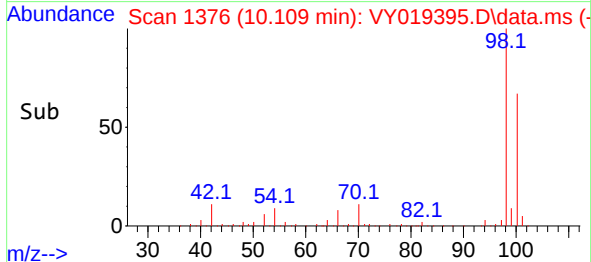
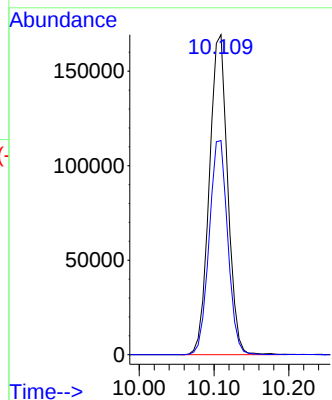
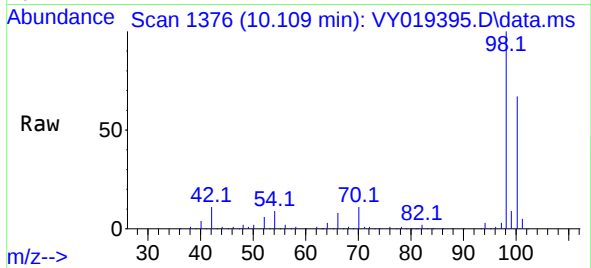




#50
Toluene-d8
Concen: 48.646 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

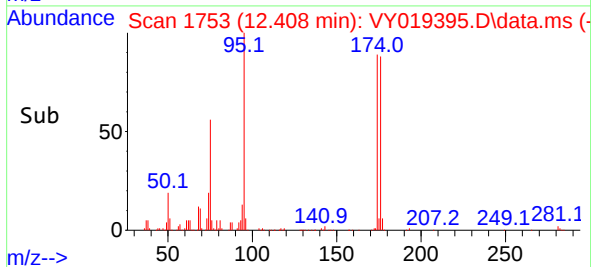
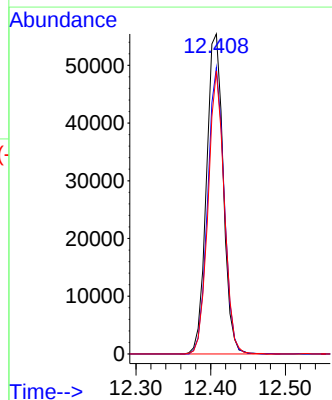
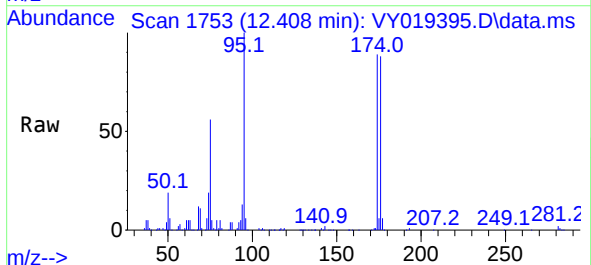
Instrument :
MSVOA_Y
ClientSampleId :

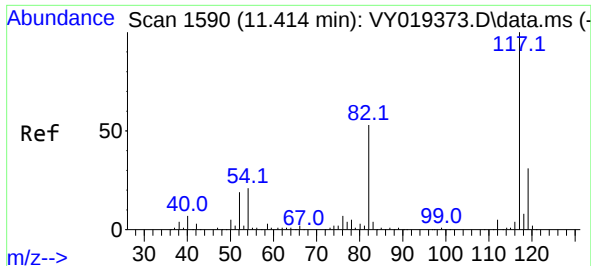
Tgt Ion: 98 Resp: 289351
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.894 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

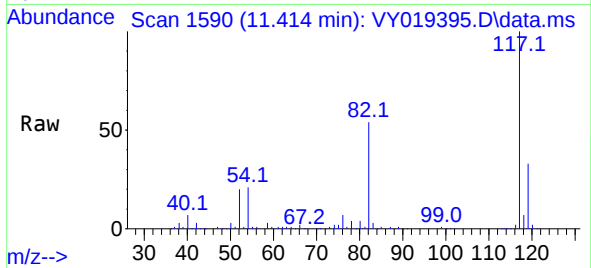
Tgt Ion: 95 Resp: 86369
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 85.0 0.0 171.4



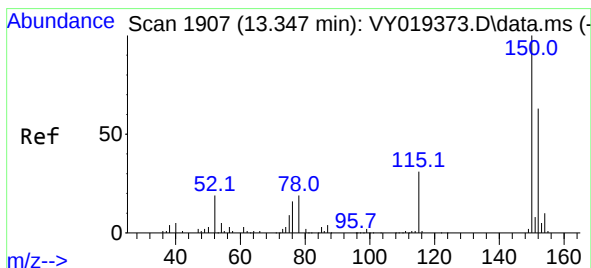
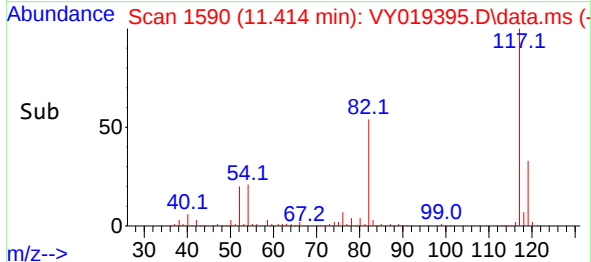
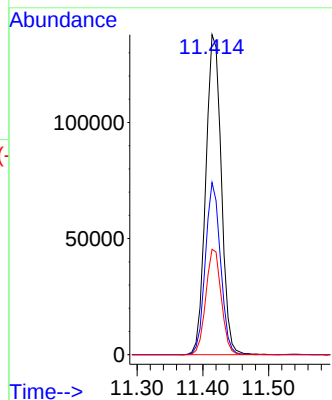


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :

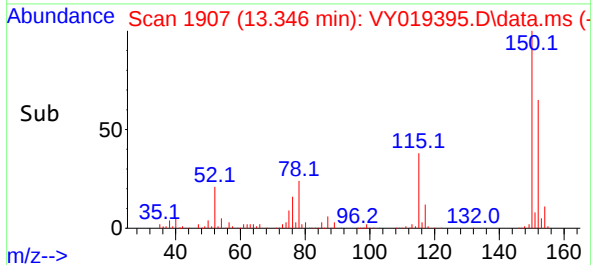
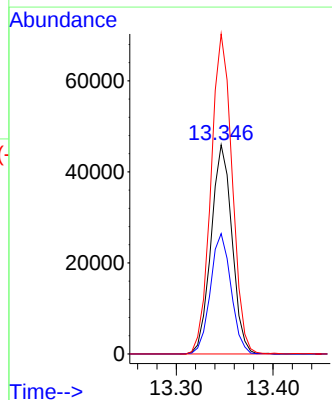
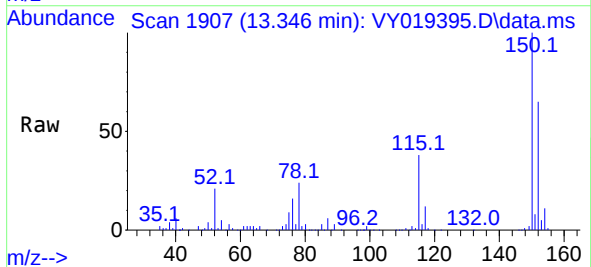


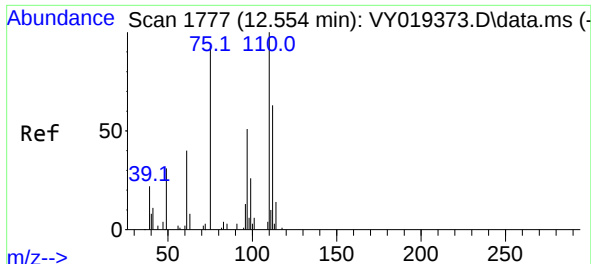
Tgt Ion:117 Resp: 226598
Ion Ratio Lower Upper
117 100
82 53.8 42.4 63.6
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

Tgt Ion:152 Resp: 69091
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 155.2 0.0 345.6

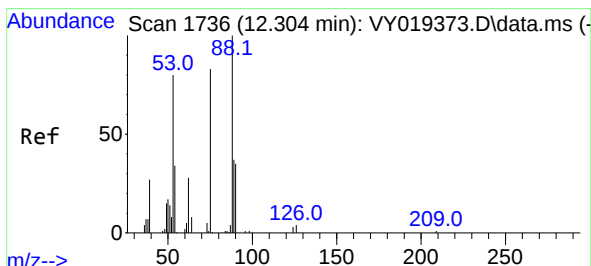
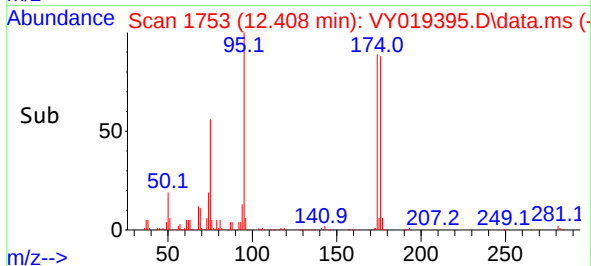
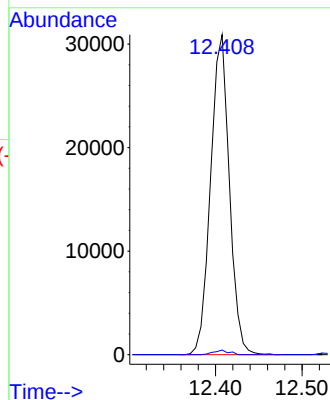
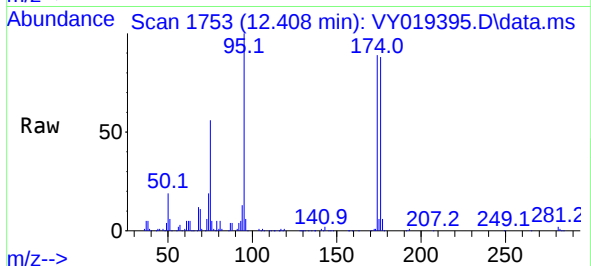




#76
1,2,3-Trichloropropane
Concen: 76.605 ug/l
RT: 12.408 min Scan# 1777
Delta R.T. -0.146 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

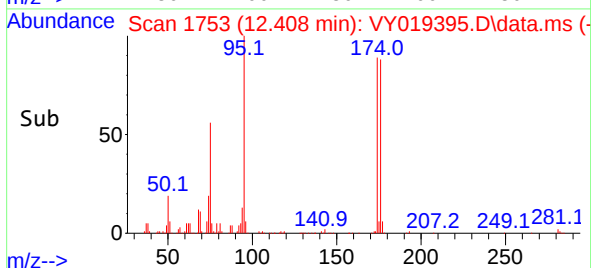
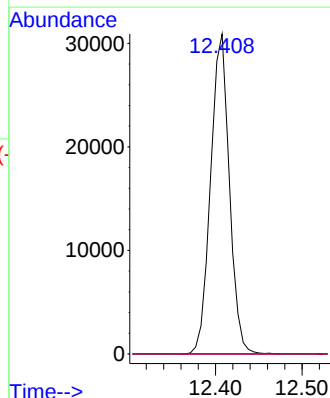
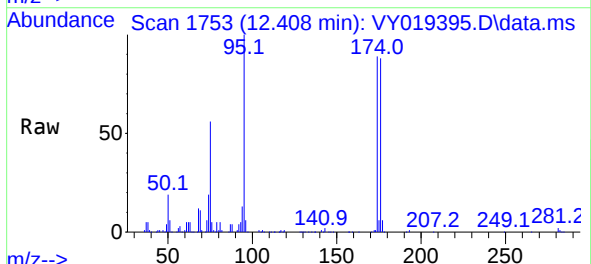
Instrument :
MSVOA_Y
ClientSampleId :

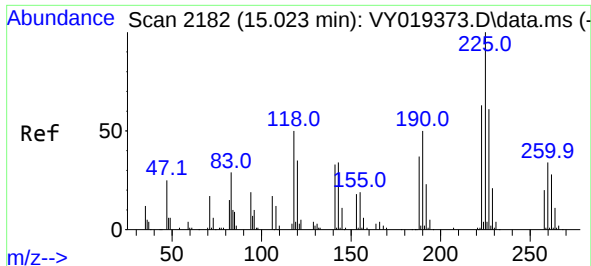
Tgt Ion: 75 Resp: 46481
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 189.528 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019395.D
Acq: 30 Aug 2024 15:03

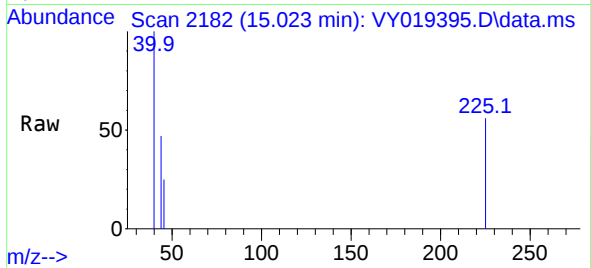
Tgt Ion: 75 Resp: 46481
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#94
 Hexachlorobutadiene
 Concen: 3.586 ug/l
 RT: 15.023 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY019395.D
 Acq: 30 Aug 2024 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	225	Resp:	56
Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.4	91.2#
227	0.0	31.9	95.9#

