

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019381.D
 Acq On : 29 Aug 2024 20:13
 Operator : SY/MD
 Sample : P3767-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 04:49:37 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)

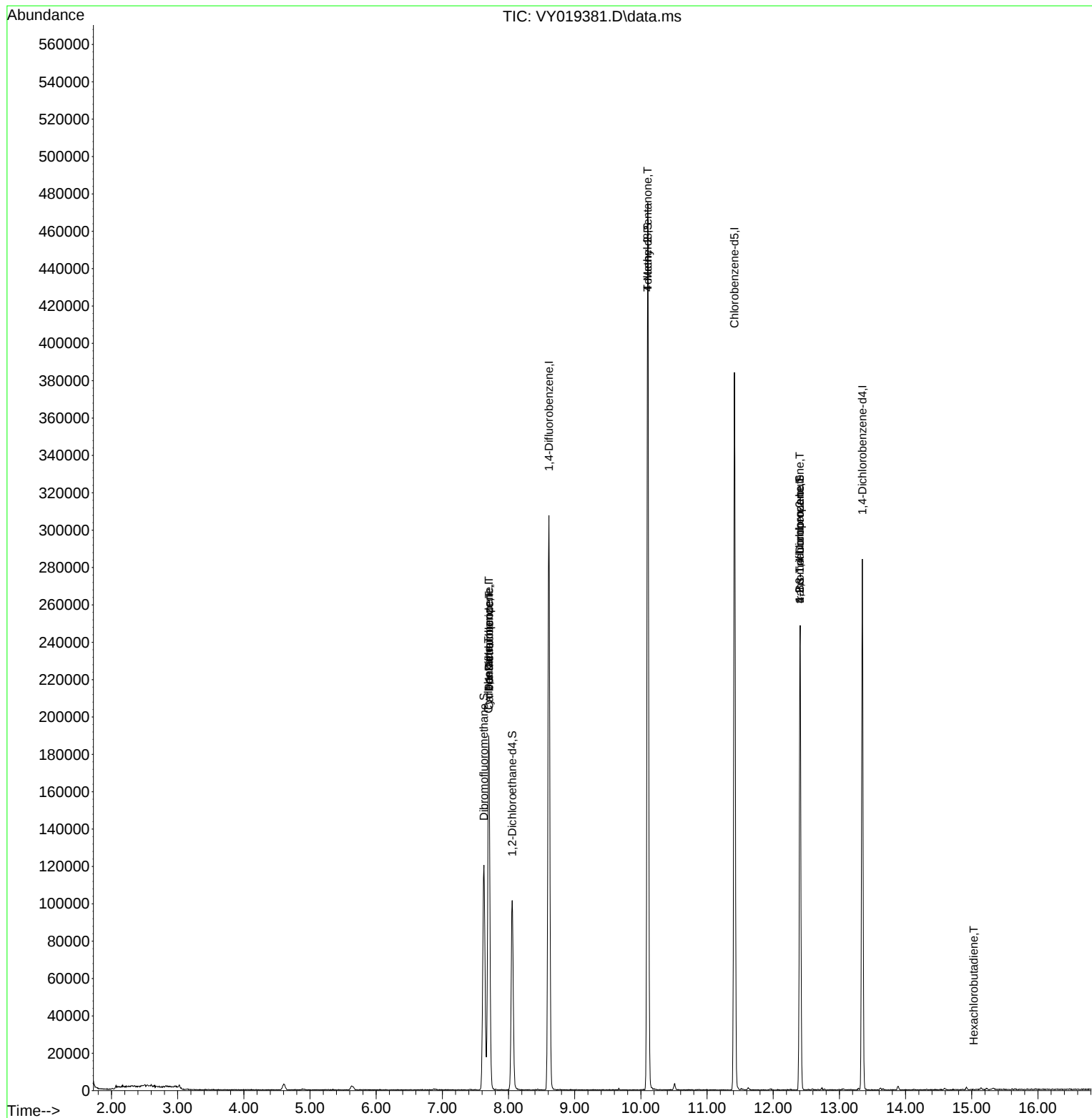
Internal Standards						
1) Pentafluorobenzene	7.701	168	152230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	267278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	208713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	69259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	80221	55.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.628	113	84736	50.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.280%
50) Toluene-d8	10.103	98	299419	48.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.402	95	73722	36.642	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.280%
Target Compounds						Qvalue
5) Bromomethane	2.605	94	636	Below Cal	#	65
20) Methylene Chloride	4.610	84	2207	Below Cal	#	91
31) Cyclohexane	7.695	56	3232	1.318	ug/l #	32
36) 1,1-Dichloropropene	7.701	75	11052	4.628	ug/l #	42
38) Carbon Tetrachloride	7.707	117	14378	4.940	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	1325	1.372	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	38775	63.750	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	38775	157.723	ug/l #	16
94) Hexachlorobutadiene	15.029	225	108	3.637	ug/l #	19

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

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

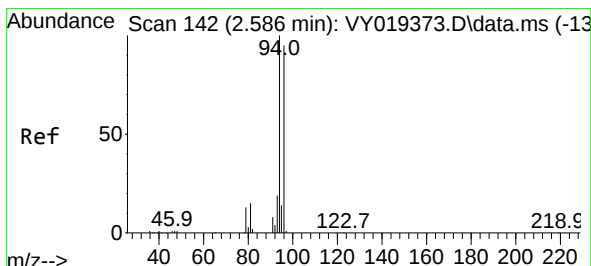
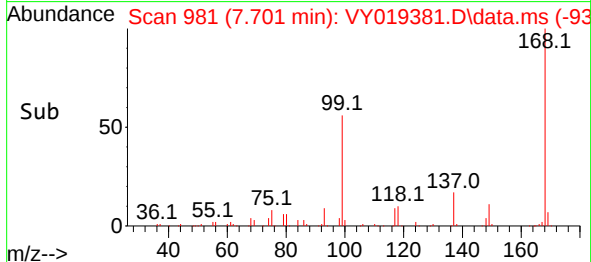
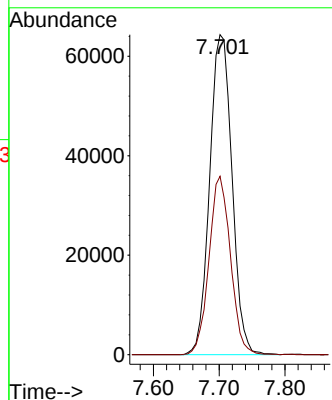
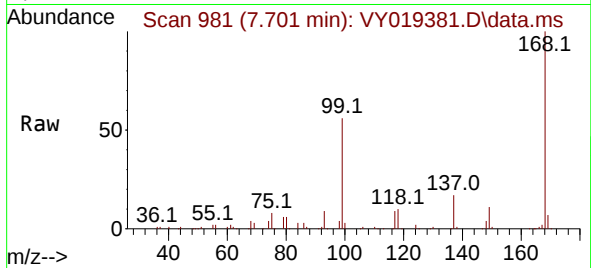




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

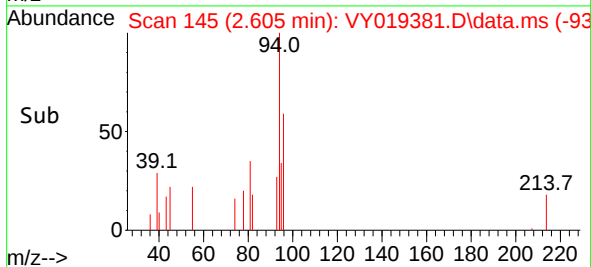
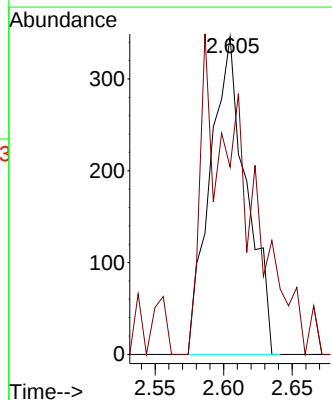
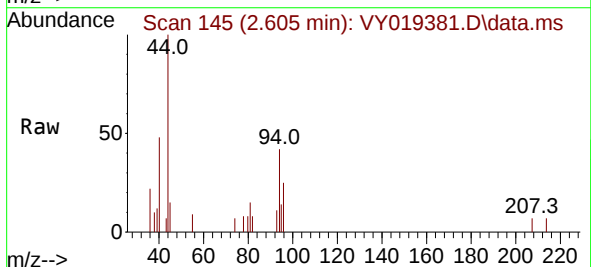
Instrument :
MSVOA_Y
ClientSampleId :

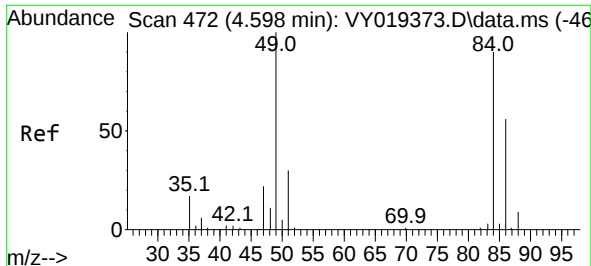
Tgt Ion:168 Resp: 152230
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

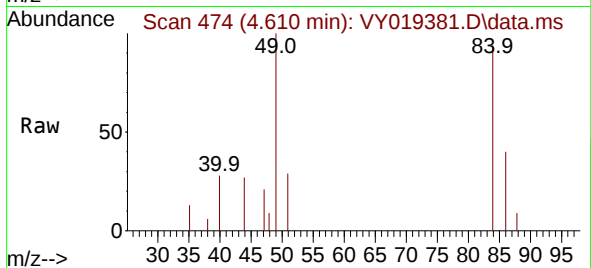
Tgt Ion: 94 Resp: 636
Ion Ratio Lower Upper
94 100
96 59.0 74.1 111.1#





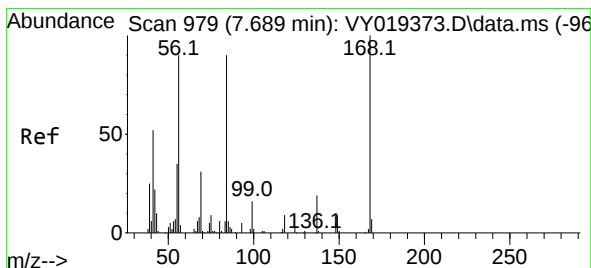
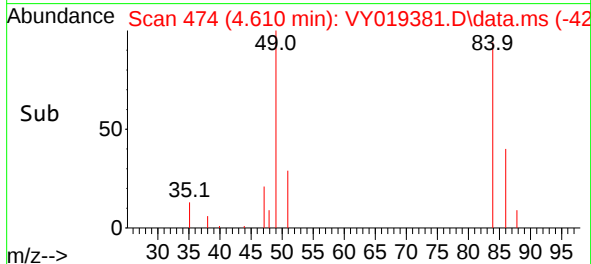
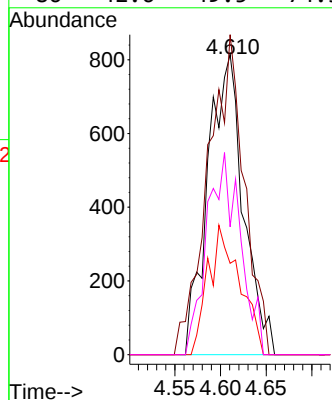
#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 2207

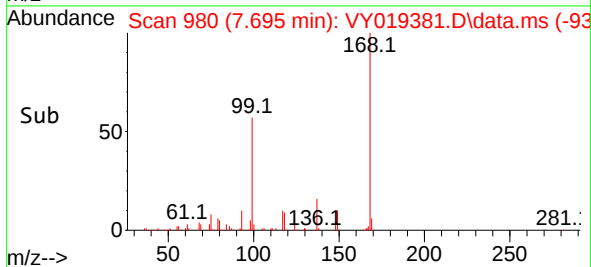
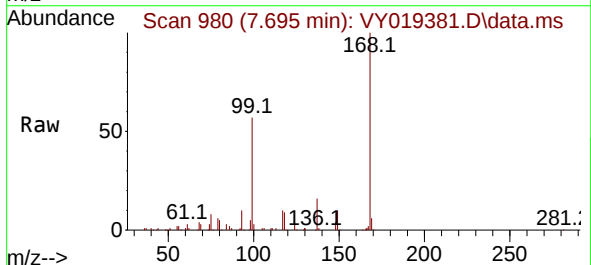
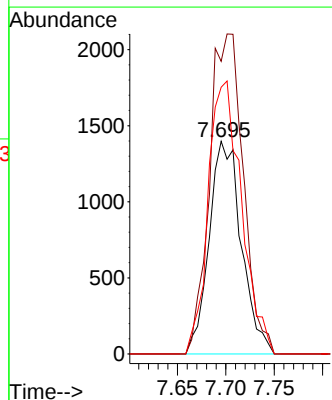
Ion	Ratio	Lower	Upper
84	100		
49	106.6	84.4	126.6
51	30.5	26.0	39.0
86	42.6	49.5	74.3

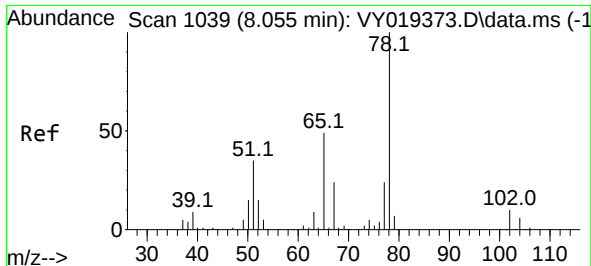


#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

Tgt Ion: 56 Resp: 3232

Ion	Ratio	Lower	Upper
56	100		
69	137.7	28.7	43.1
84	125.5	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 55.636 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019381.D

Acq: 29 Aug 2024 20:13

Instrument :

MSVOA_Y

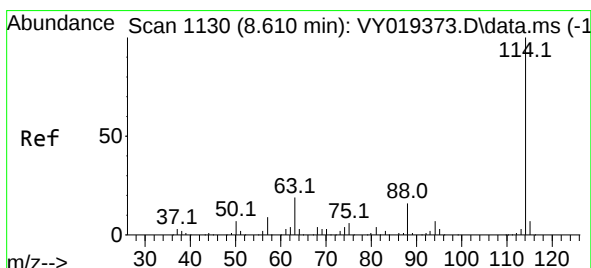
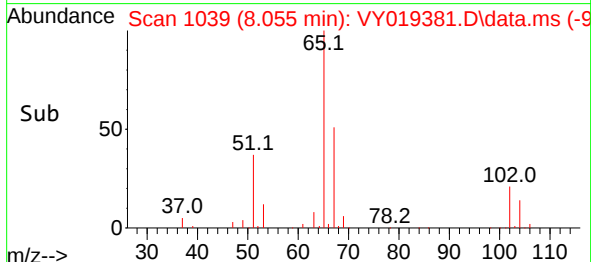
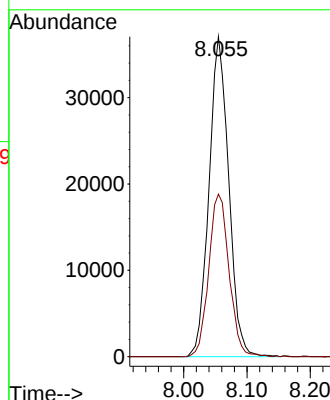
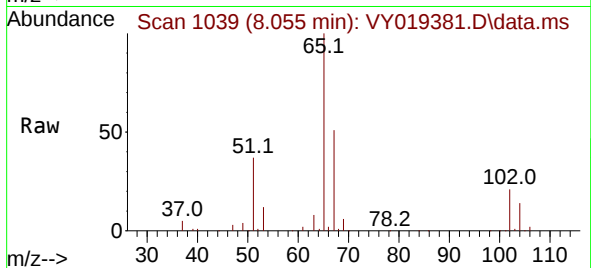
ClientSampleId :

Tgt Ion: 65 Resp: 80221

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019381.D

Acq: 29 Aug 2024 20:13

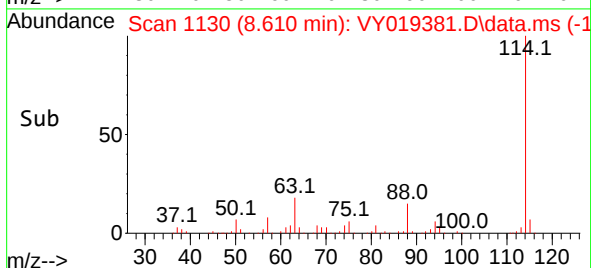
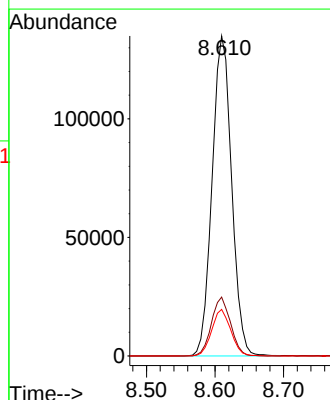
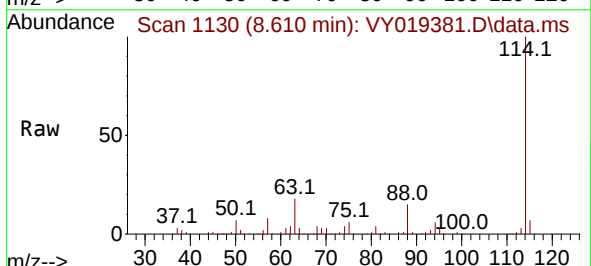
Tgt Ion: 114 Resp: 267278

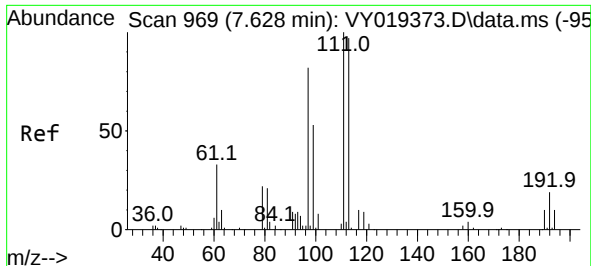
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

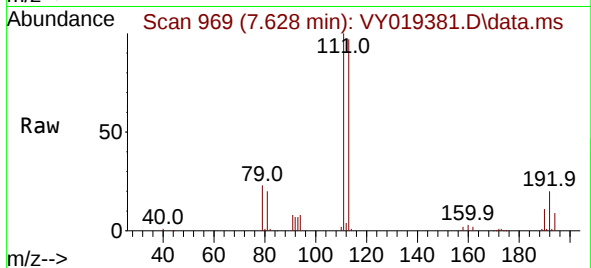
88 14.6 0.0 27.2



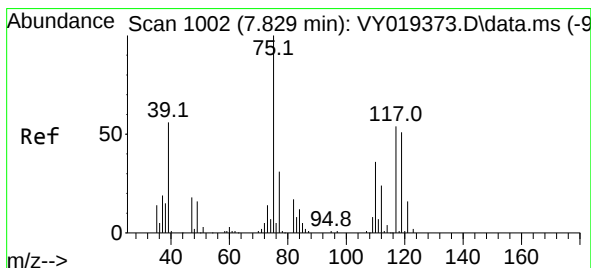
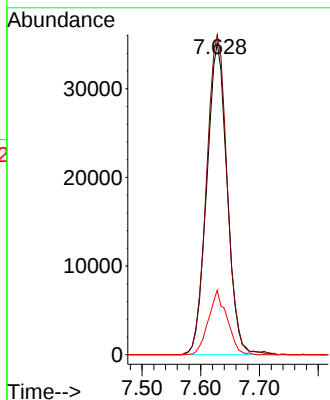
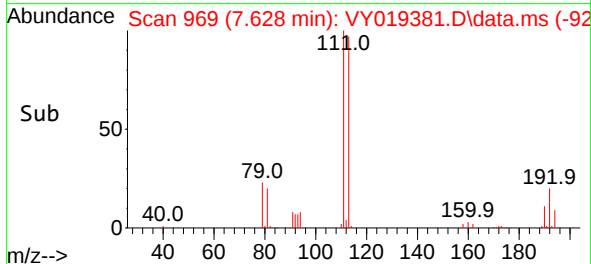


#35
Dibromofluoromethane
Concen: 50.145 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

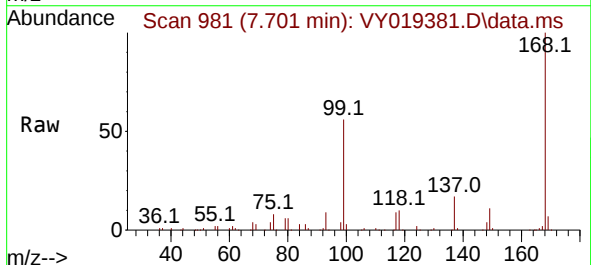
Instrument :
MSVOA_Y
ClientSampleId :



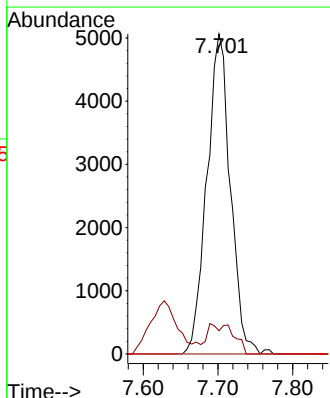
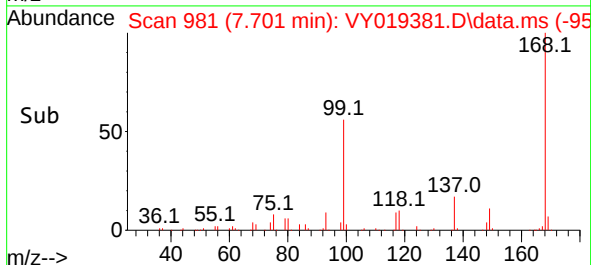
Tgt Ion:113 Resp: 84736
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 18.9 15.9 23.9

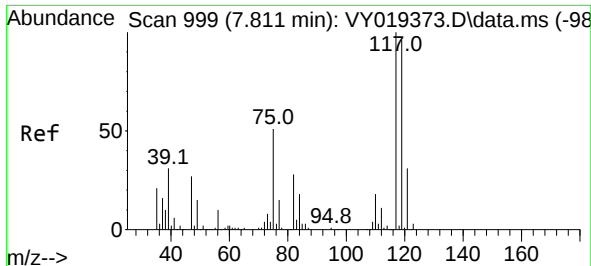


#36
1,1-Dichloropropene
Concen: 4.628 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13



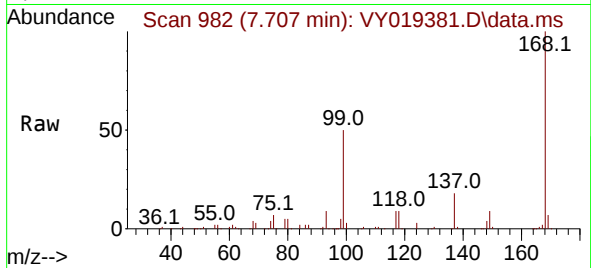
Tgt Ion: 75 Resp: 11052
Ion Ratio Lower Upper
75 100
110 2.9 19.0 57.0#
77 0.0 25.3 37.9#



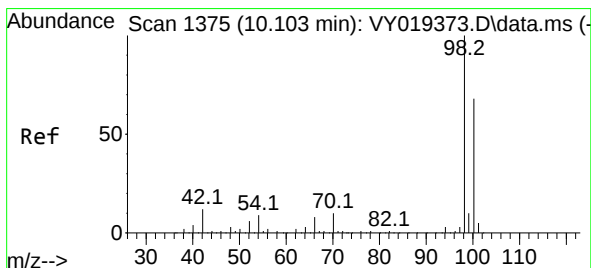
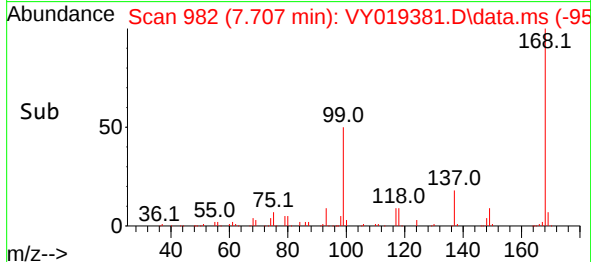
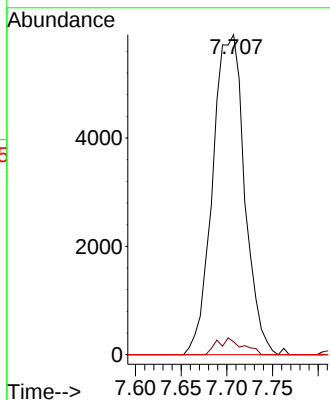


#38
Carbon Tetrachloride
Concen: 4.940 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

Instrument :
MSVOA_Y
ClientSampleId :

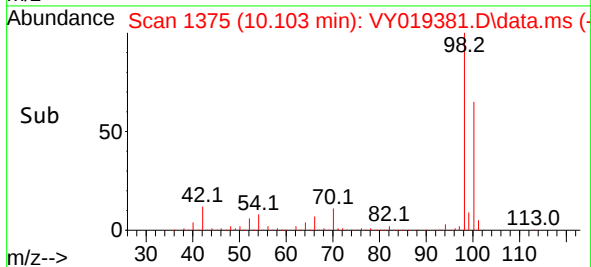
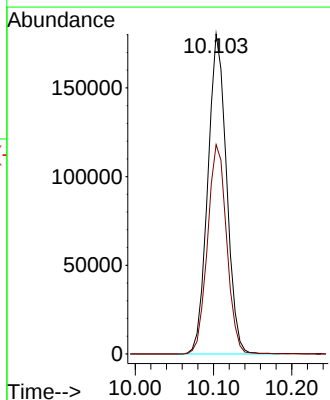
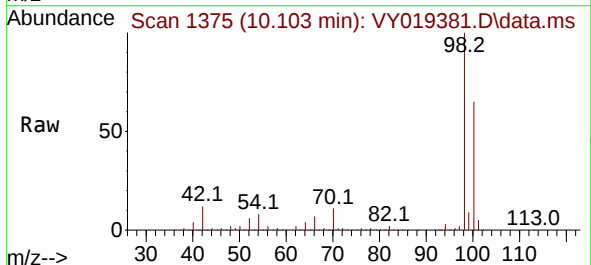


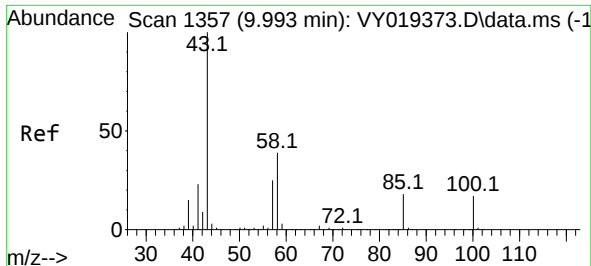
Tgt Ion:117 Resp: 14378
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.134 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

Tgt Ion: 98 Resp: 299419
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0

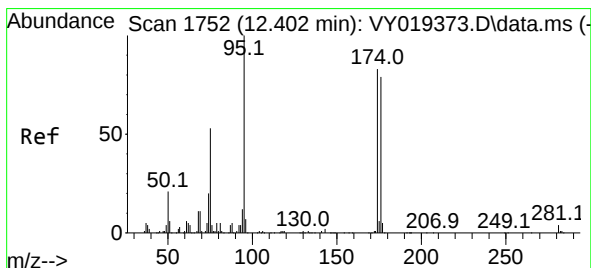
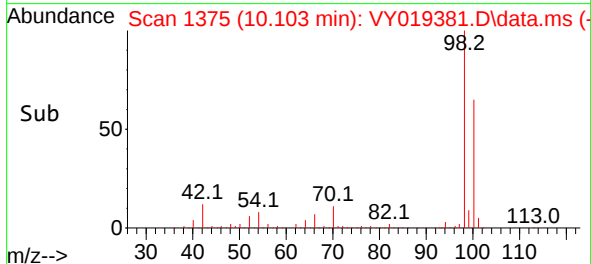
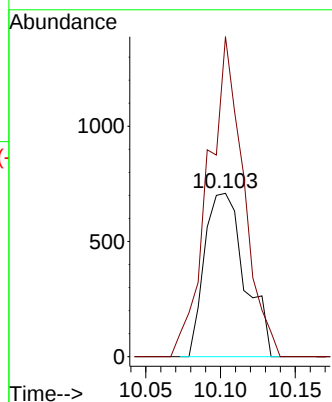
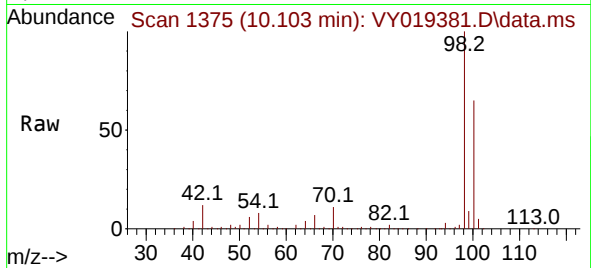




#51
4-Methyl-2-Pentanone
Concen: 1.372 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

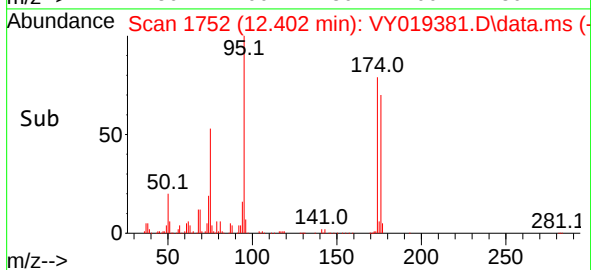
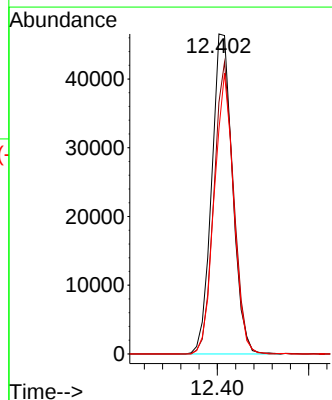
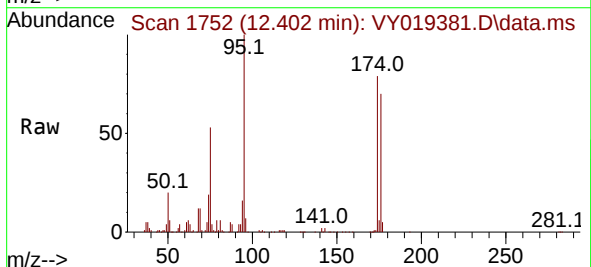
Instrument :
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ClientSampleId :

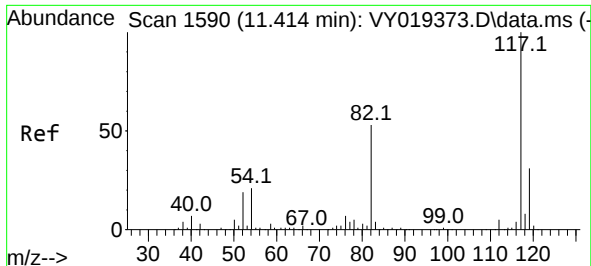
Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
58 173.2 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 36.642 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

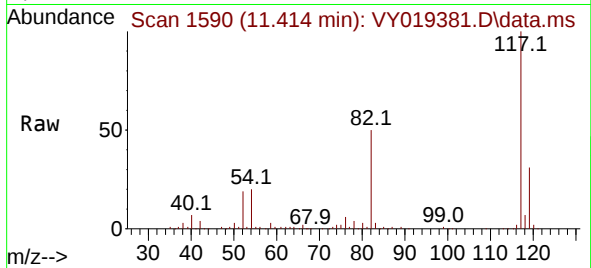
Tgt Ion: 95 Resp: 73722
Ion Ratio Lower Upper
95 100
174 86.7 0.0 175.6
176 82.0 0.0 171.4



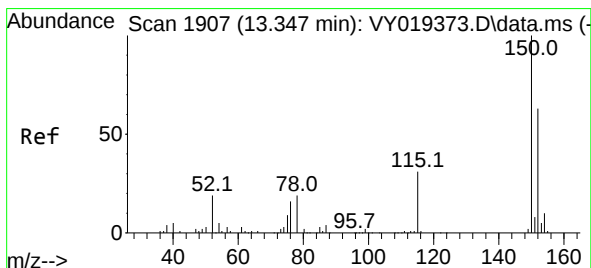
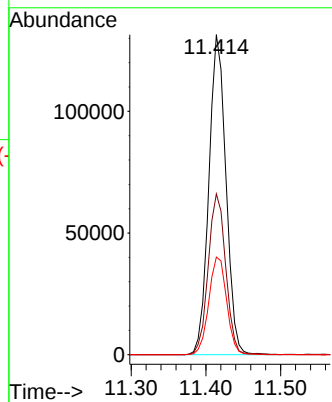
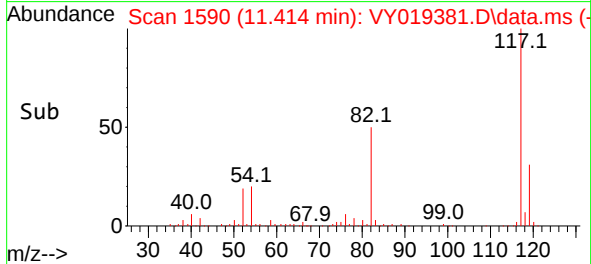


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

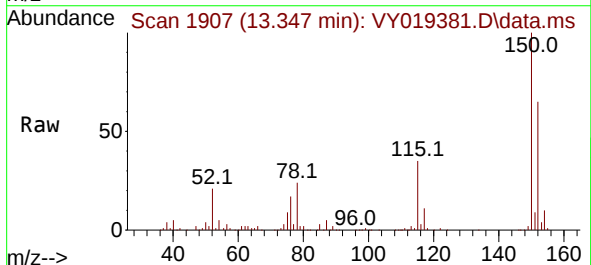
Instrument :
MSVOA_Y
ClientSampleId :



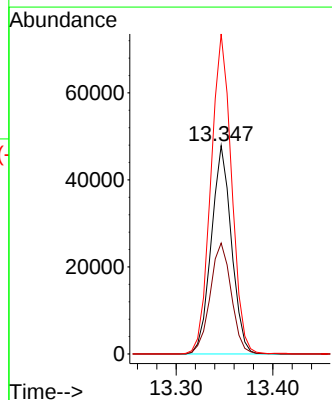
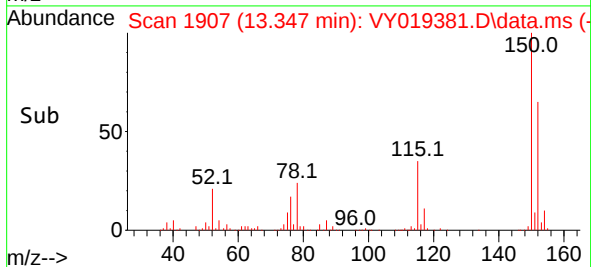
Tgt Ion:117 Resp: 208713
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 30.5 25.9 38.9

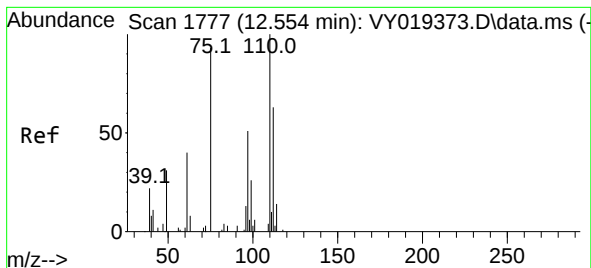


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13



Tgt Ion:152 Resp: 69259
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 157.4 0.0 345.6

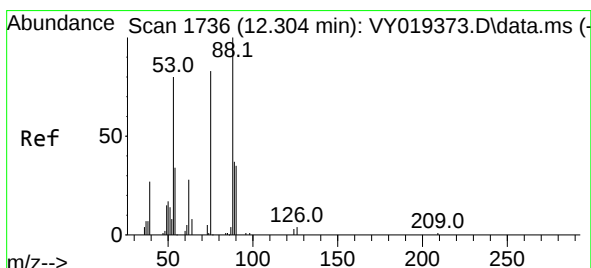
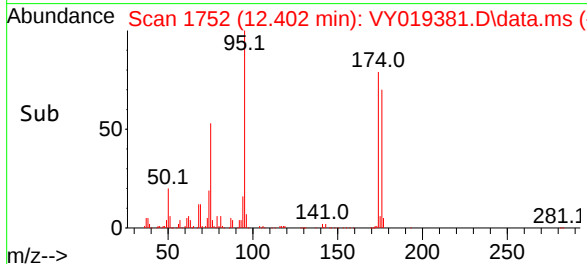
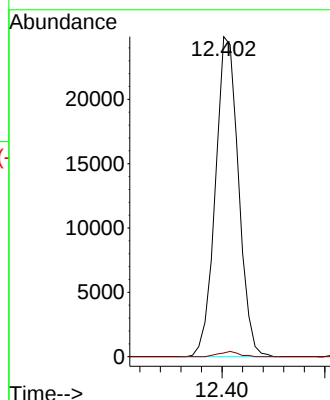
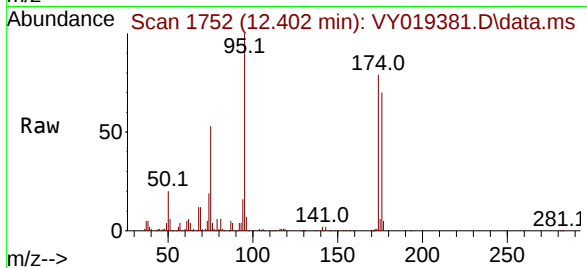




#76
1,2,3-Trichloropropane
Concen: 63.750 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

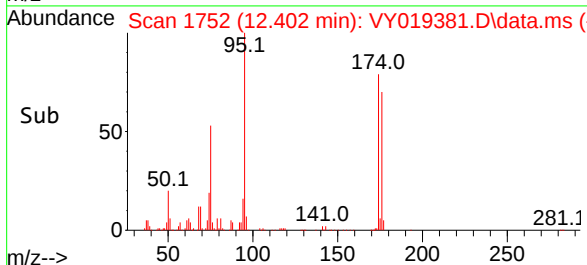
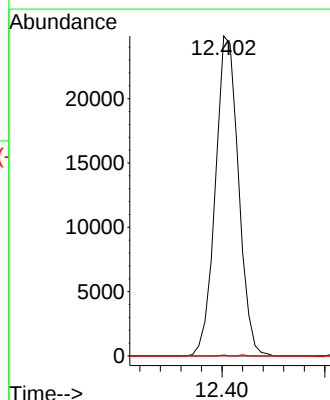
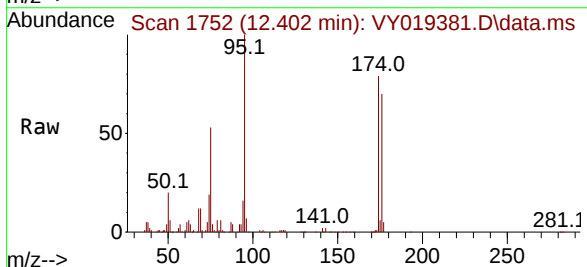
Instrument :
MSVOA_Y
ClientSampleId :

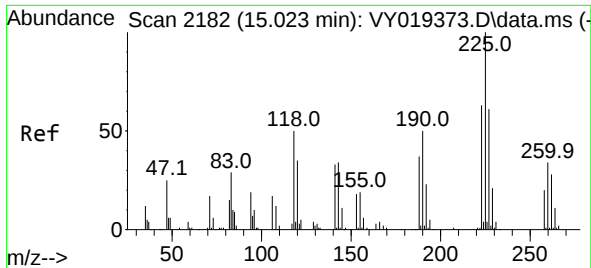
Tgt Ion: 75 Resp: 38775
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 157.723 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

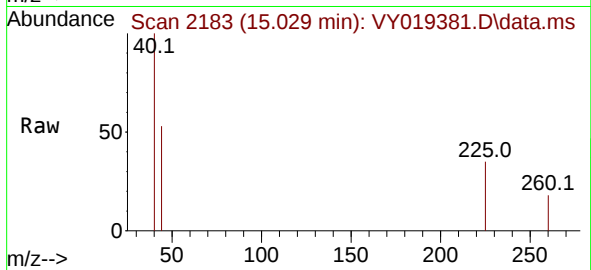
Tgt Ion: 75 Resp: 38775
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#





#94
Hexachlorobutadiene
Concen: 3.637 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:225 Resp: 108
Ion Ratio Lower Upper
225 100
223 0.0 30.4 91.2#
227 0.0 31.9 95.9#

