

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020951.D
 Acq On : 27 Jan 2025 16:24
 Operator : SY/MD
 Sample : Q1194-03RE
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 28 01:15:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

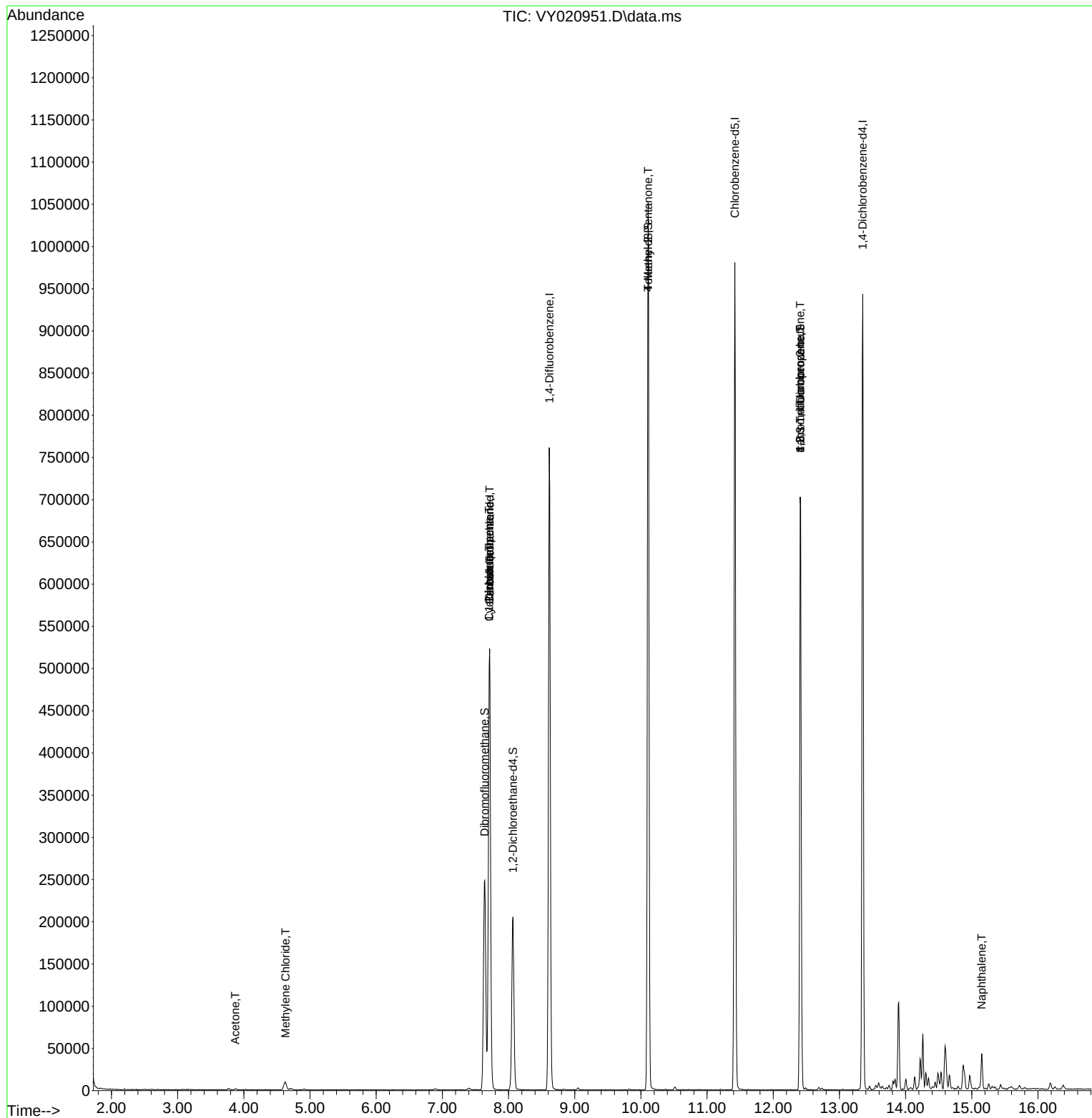
Internal Standards						
1) Pentafluorobenzene	7.713	168	427947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	666781	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	538661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	250424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	163199	47.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.660%
35) Dibromofluoromethane	7.640	113	182113	47.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.109	98	699677	47.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.407	95	216063	43.725	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.460%
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	2014	4.357	ug/l	94
20) Methylene Chloride	4.628	84	7007	2.038	ug/l	90
31) Cyclohexane	7.707	56	7212	1.187	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	29268	5.476	ug/l #	50
38) Carbon Tetrachloride	7.713	117	40823	6.334	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	2445	1.233	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	108573	61.320	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	108573	118.470	ug/l #	15
95) Naphthalene	15.151	128	32774	5.065	ug/l	100

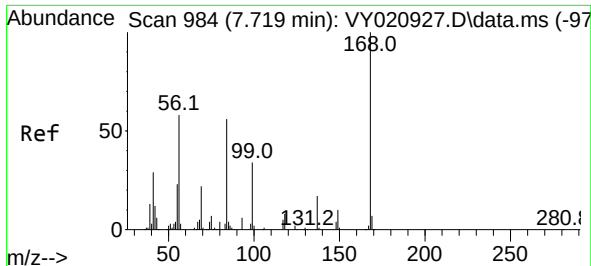
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 28 01:15:13 2025
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Quant Title : SW846 8260
QLast Update : Sat Jan 25 01:12:18 2025
Response via : Initial Calibration

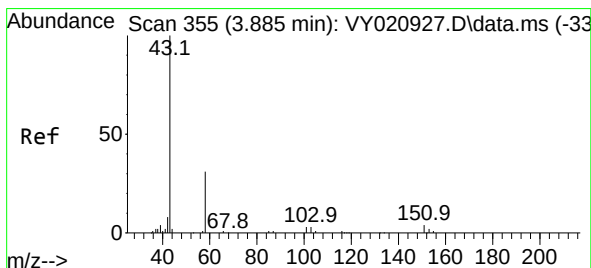
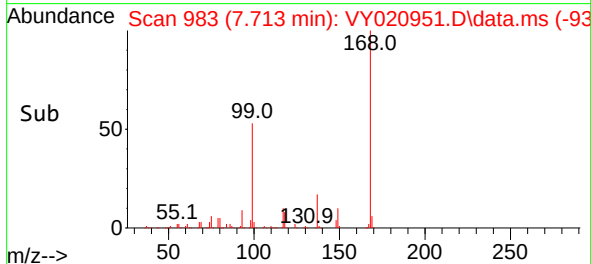
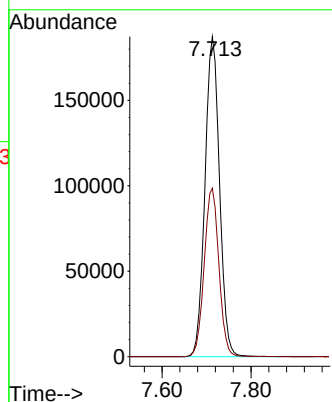
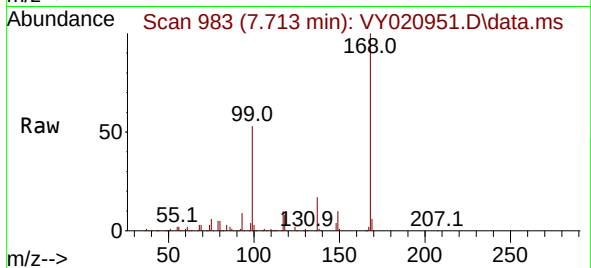




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

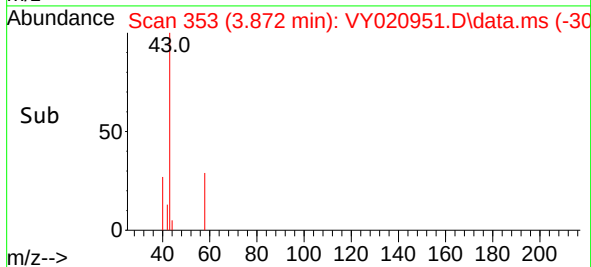
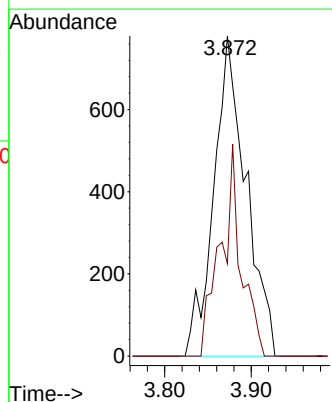
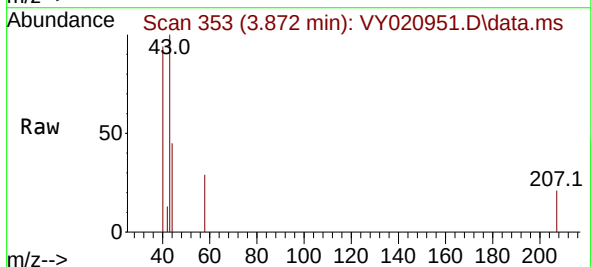
Instrument :
MSVOA_Y
ClientSampleId :

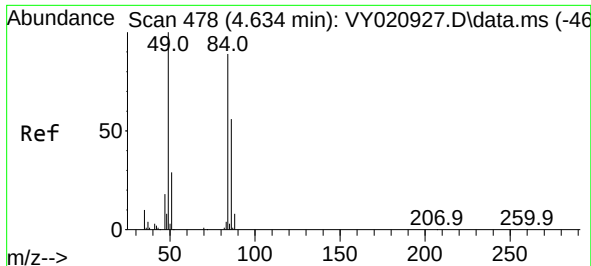
Tgt Ion:168 Resp: 427947
Ion Ratio Lower Upper
168 100
99 52.7 43.0 64.6



#16
Acetone
Concen: 4.357 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.012 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

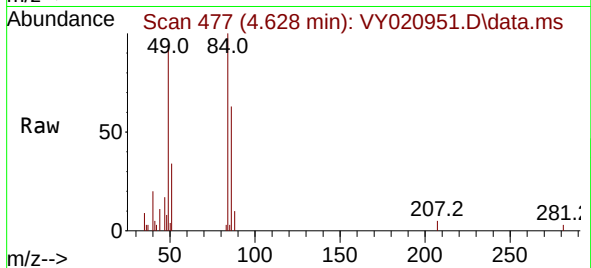
Tgt Ion: 43 Resp: 2014
Ion Ratio Lower Upper
43 100
58 28.9 25.6 38.4



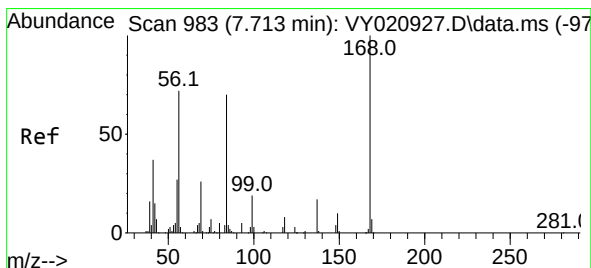
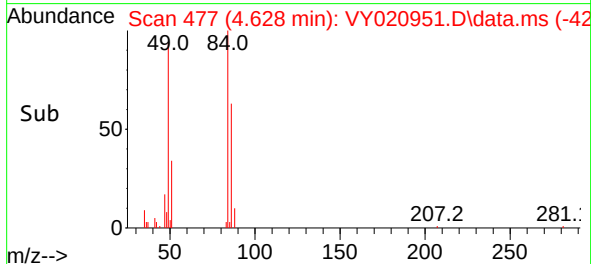
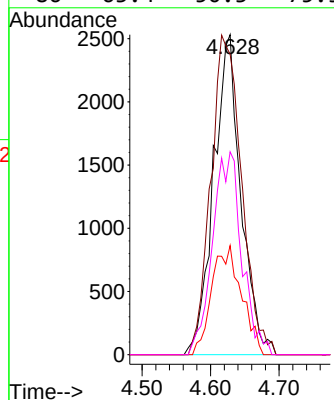


#20
Methylene Chloride
Concen: 2.038 ug/l
RT: 4.628 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

Instrument :
MSVOA_Y
ClientSampleId :

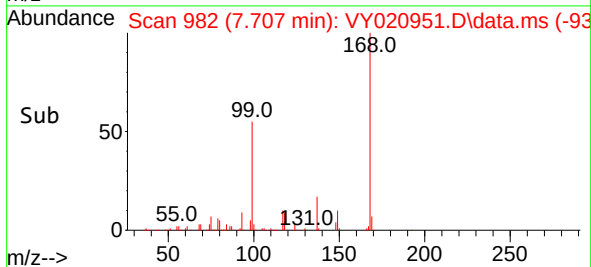
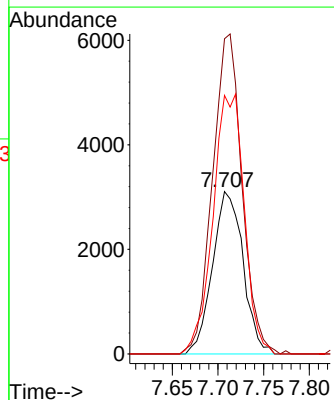
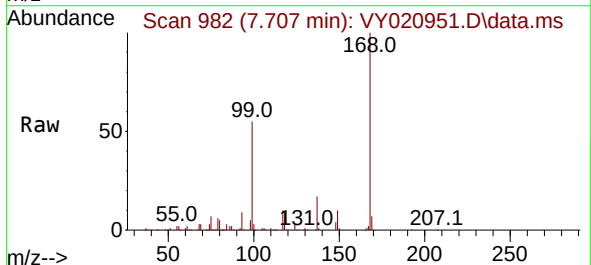


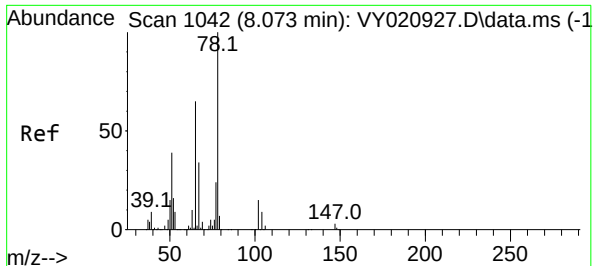
Tgt Ion:	84	Resp:	7007
Ion	Ratio	Lower	Upper
84	100		
49	93.9	90.3	135.5
51	34.1	26.6	39.8
86	63.4	50.3	75.5



#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

Tgt Ion:	56	Resp:	7212
Ion	Ratio	Lower	Upper
56	100		
69	194.2	28.7	43.1#
84	159.3	77.4	116.0#





#33

1,2-Dichloroethane-d4

Concen: 47.830 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY020951.D

Acq: 27 Jan 2025 16:24

Instrument :

MSVOA_Y

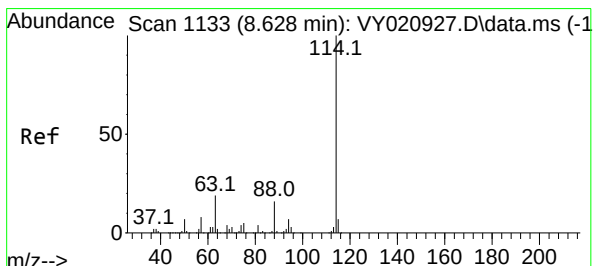
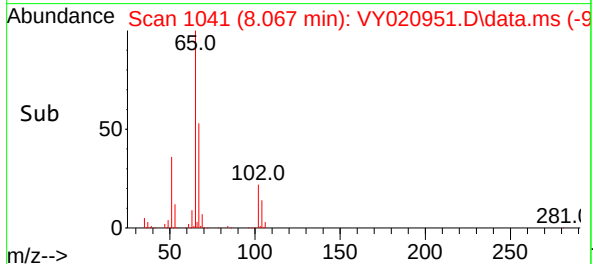
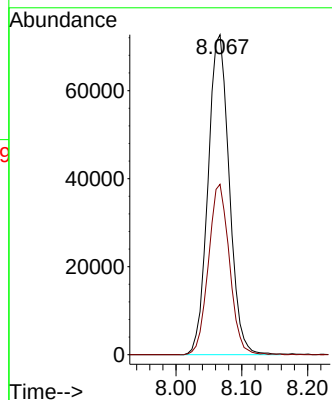
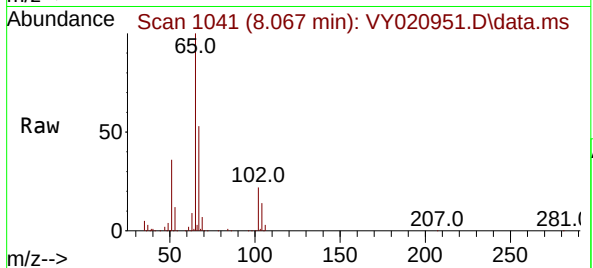
ClientSampleId :

Tgt Ion: 65 Resp: 163199

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY020951.D

Acq: 27 Jan 2025 16:24

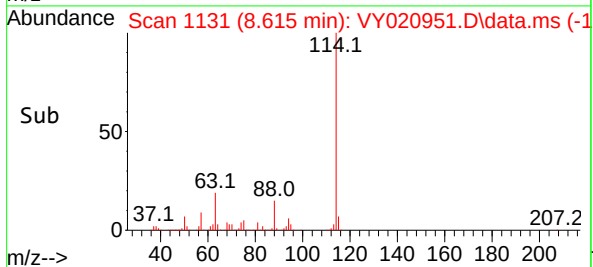
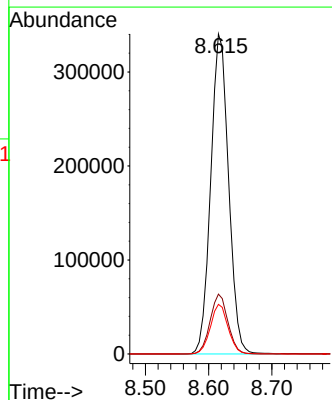
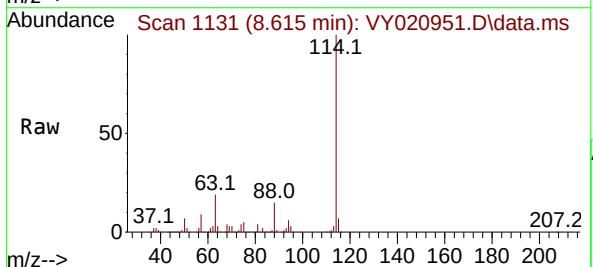
Tgt Ion:114 Resp: 666781

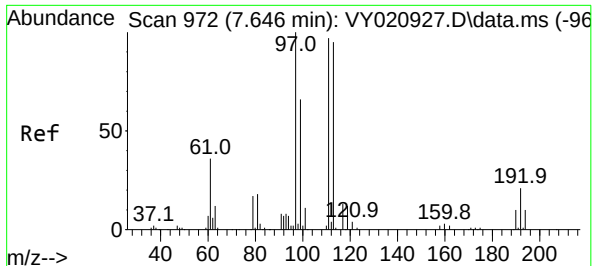
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

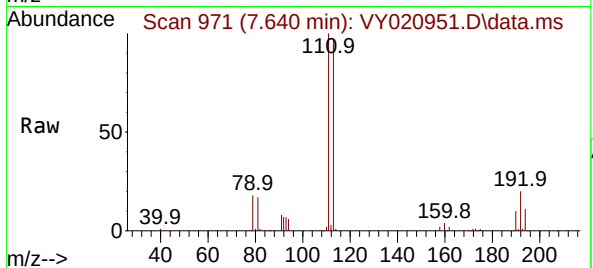
88 15.5 0.0 31.6



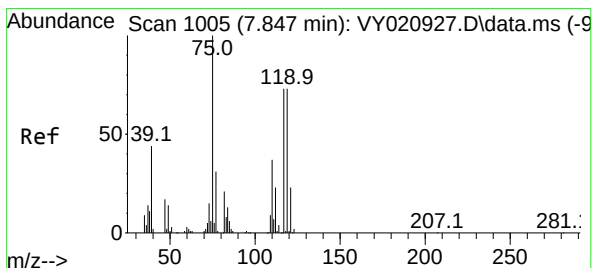
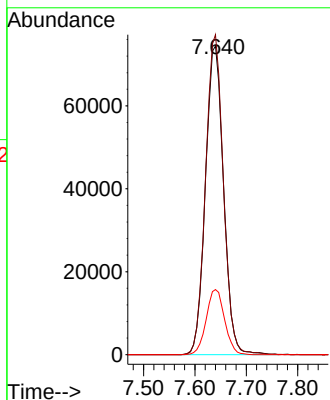
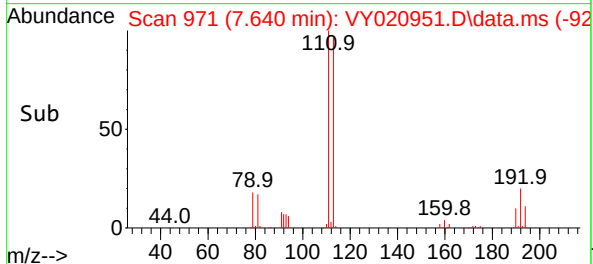


#35
Dibromofluoromethane
Concen: 47.575 ug/l
RT: 7.640 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

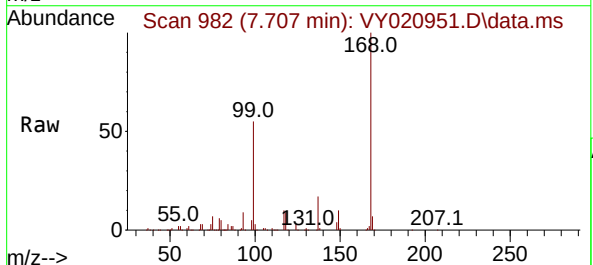
Instrument :
MSVOA_Y
ClientSampleId :



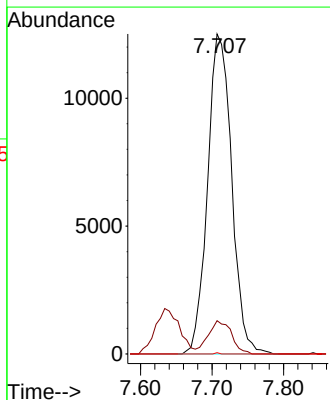
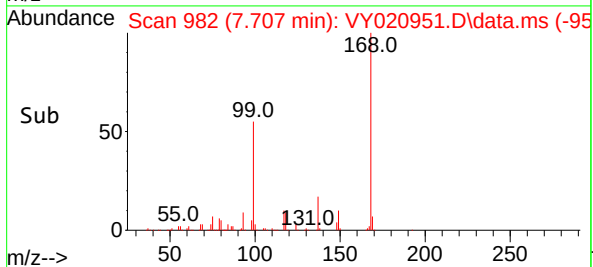
Tgt Ion:113 Resp: 182113
Ion Ratio Lower Upper
113 100
111 102.2 82.3 123.5
192 21.4 17.4 26.2

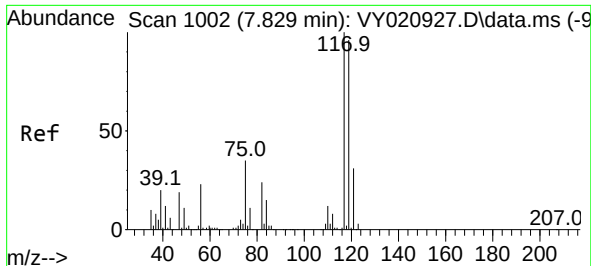


#36
1,1-Dichloropropene
Concen: 5.476 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.140 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24



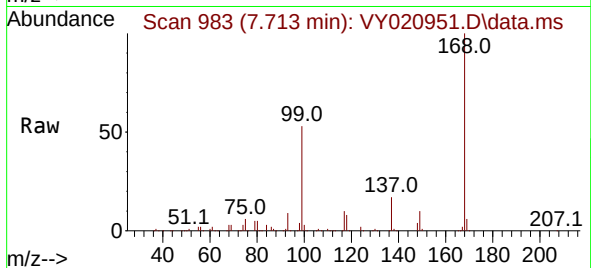
Tgt Ion: 75 Resp: 29268
Ion Ratio Lower Upper
75 100
110 10.0 18.5 55.5#
77 0.1 25.0 37.4#



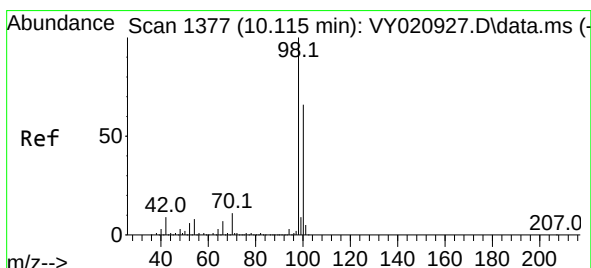
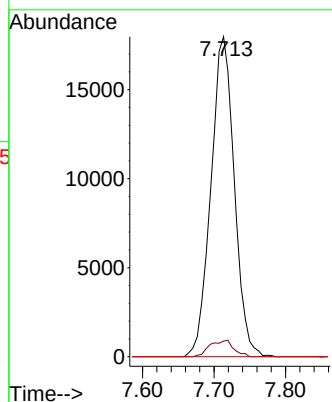
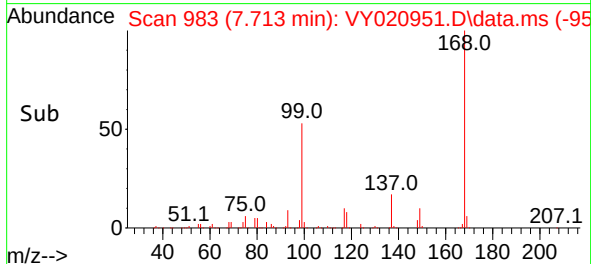


#38
Carbon Tetrachloride
Concen: 6.334 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

Instrument :
MSVOA_Y
ClientSampleId :

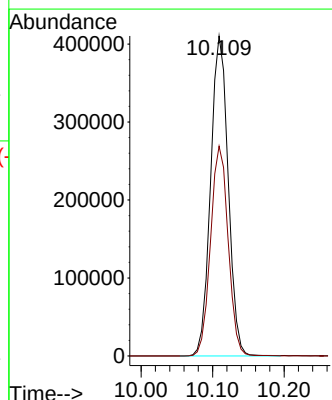
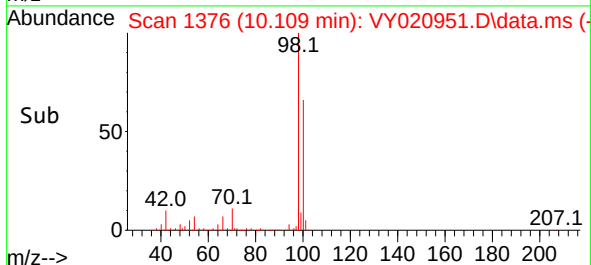
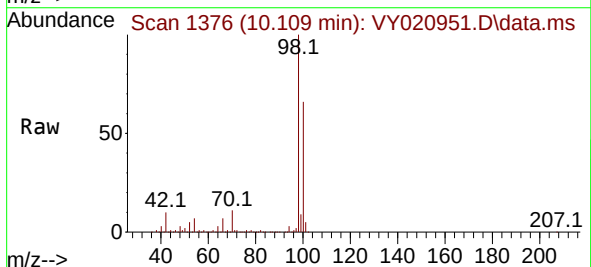


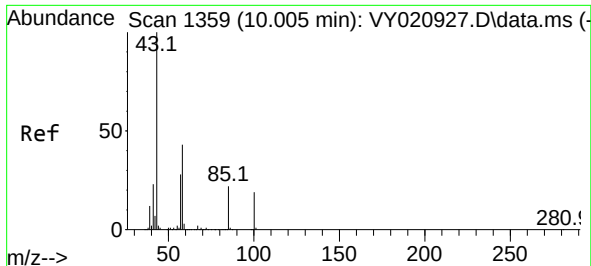
Tgt Ion:117 Resp: 40823
Ion Ratio Lower Upper
117 100
119 4.8 76.5 114.7#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 47.124 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

Tgt Ion: 98 Resp: 699677
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

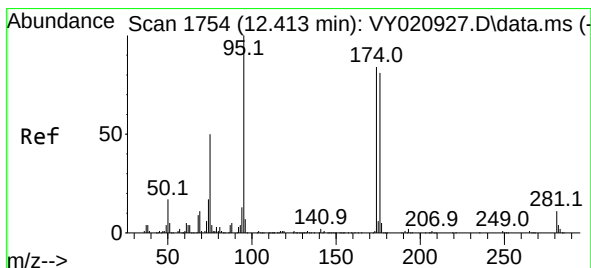
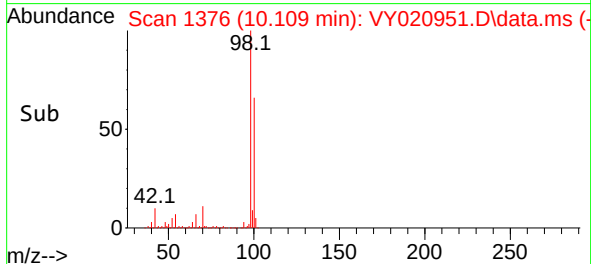
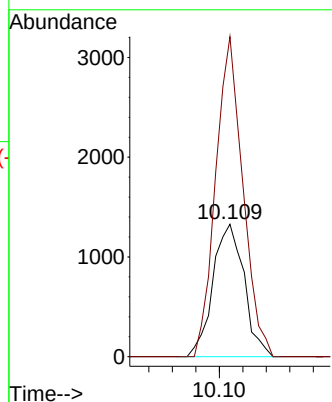
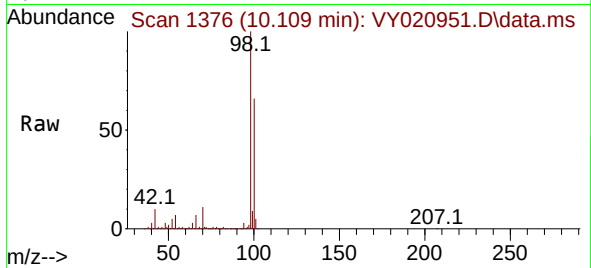




#51
4-Methyl-2-Pentanone
Concen: 1.233 ug/l
RT: 10.109 min Scan# 1359
Delta R.T. 0.104 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

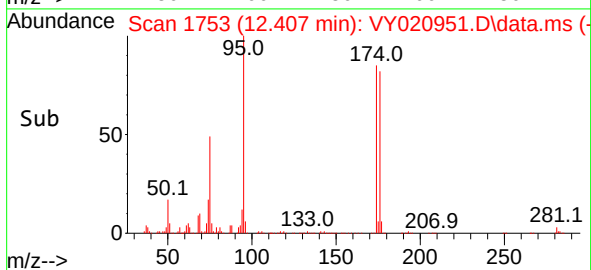
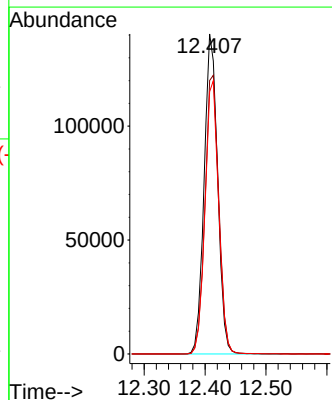
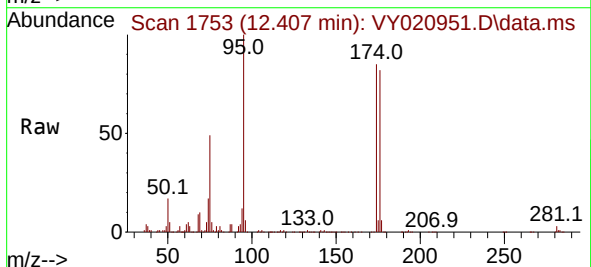
Instrument :
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ClientSampleId :

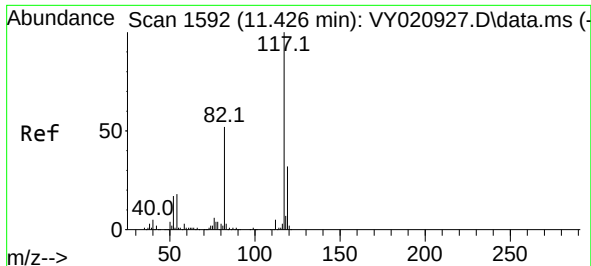
Tgt Ion: 43 Resp: 2445
Ion Ratio Lower Upper
43 100
58 211.3 33.7 50.5#



#62
4-Bromofluorobenzene
Concen: 43.725 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

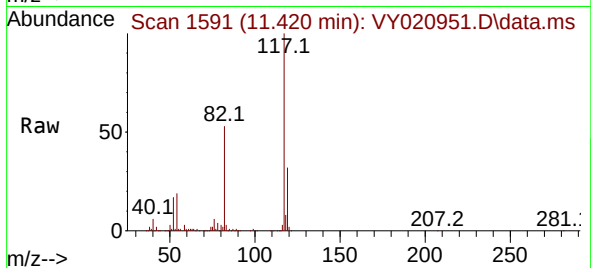
Tgt Ion: 95 Resp: 216063
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.4
176 86.4 0.0 172.2



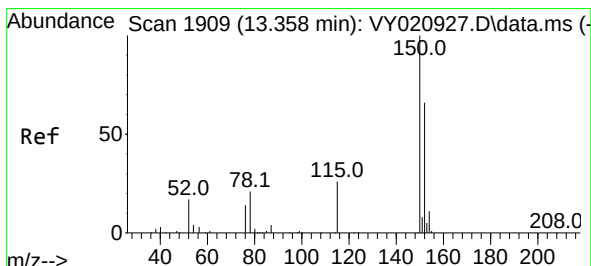
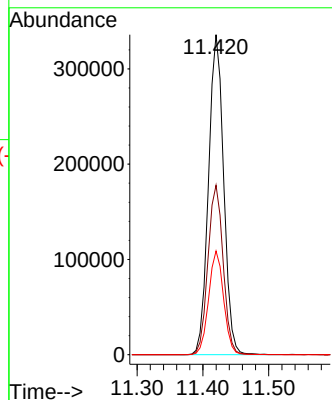
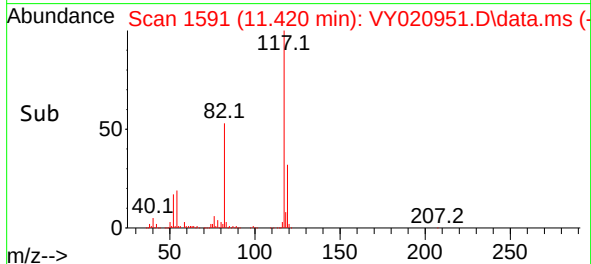


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

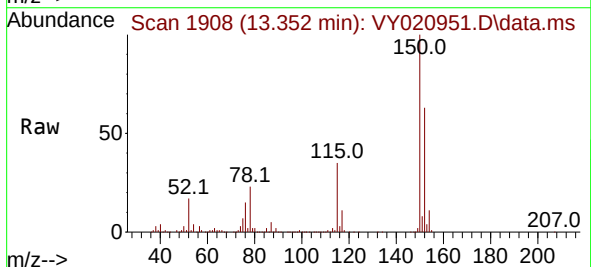
Instrument :
MSVOA_Y
ClientSampleId :



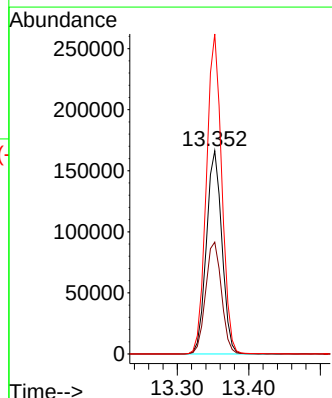
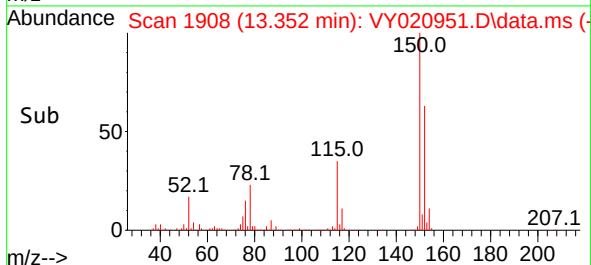
Tgt Ion:117 Resp: 538661
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 32.4 26.0 39.0

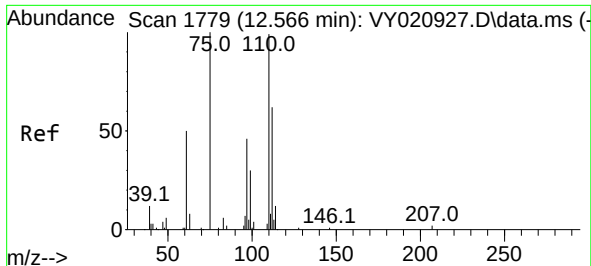


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24



Tgt Ion:152 Resp: 250424
Ion Ratio Lower Upper
152 100
115 56.3 29.0 87.0
150 156.2 0.0 347.6

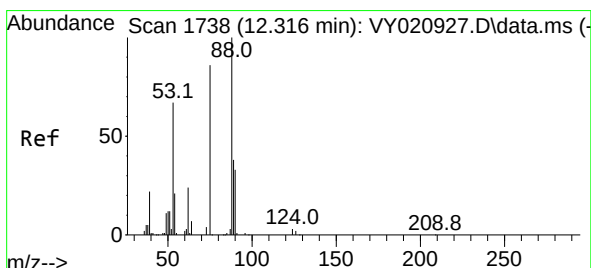
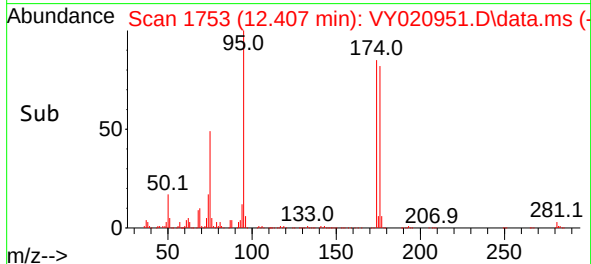
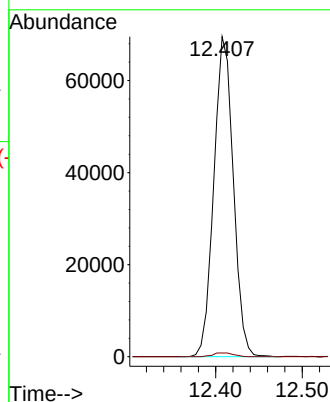
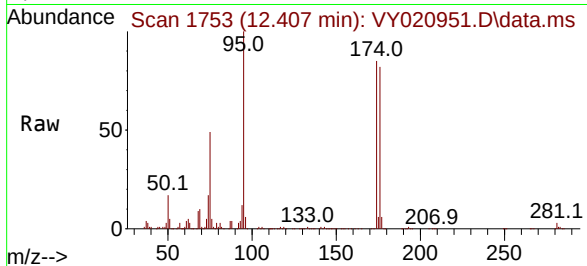




#76
1,2,3-Trichloropropane
Concen: 61.320 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.158 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

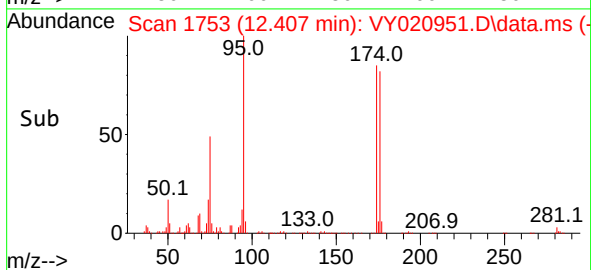
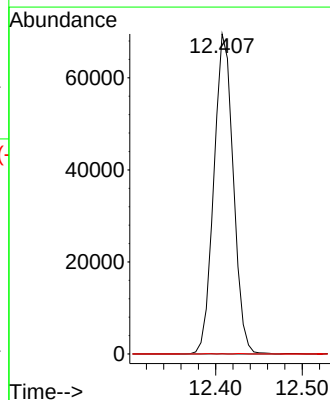
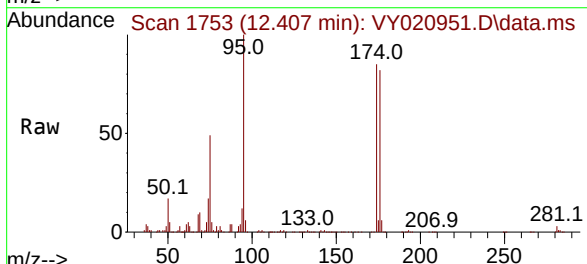
Instrument :
MSVOA_Y
ClientSampleId :

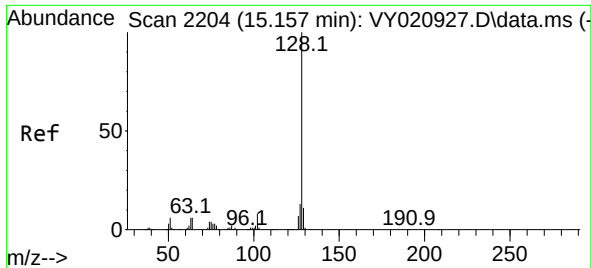
Tgt Ion: 75 Resp: 108573
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.470 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.092 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

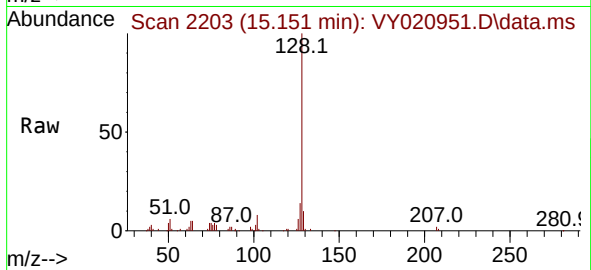
Tgt Ion: 75 Resp: 108573
Ion Ratio Lower Upper
75 100
53 0.0 67.7 101.5#
89 0.0 38.4 57.6#





#95
Naphthalene
Concen: 5.065 ug/l
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 32774
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.8 13.2

