

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020695.D
 Acq On : 23 Dec 2024 16:38
 Operator : SY/MD
 Sample : P5339-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 16:55:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 15:11:18 2024
 Response via : Initial Calibration

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

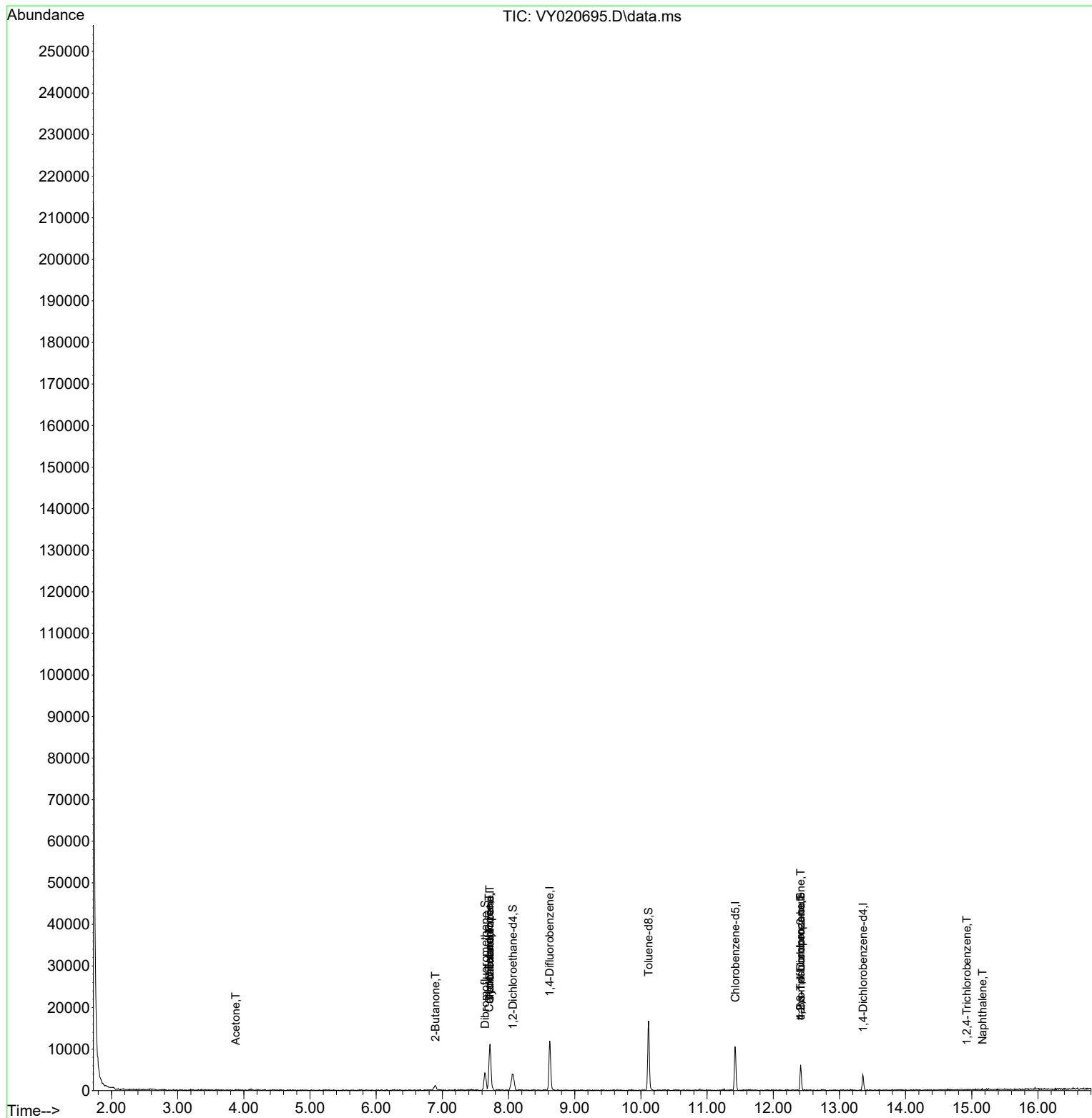
Internal Standards						
1) Pentafluorobenzene	7.719	168	8885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	10461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	6399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	1218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2778	35.303	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	70.600%		
35) Dibromofluoromethane	7.646	113	2849	46.382	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.760%		
50) Toluene-d8	10.115	98	11467	51.399	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.800%		
62) 4-Bromofluorobenzene	12.414	95	1941	23.903	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	47.800%		
Target Compounds					Qvalue	
16) Acetone	3.879	43	93	10.347	ug/l #	43
25) 2-Butanone	6.896	43	23	1.822	ug/l #	49
31) Cyclohexane	7.713	56	152	1.637	ug/l #	73
36) 1,1-Dichloropropene	7.719	75	680	9.108	ug/l #	45
38) Carbon Tetrachloride	7.707	117	947	7.838	ug/l #	11
76) 1,2,3-Trichloropropane	12.414	75	1054	125.479	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	1054	272.764	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.925	180	29	1.553	ug/l #	12
95) Naphthalene	15.163	128	167	7.993	ug/l #	69

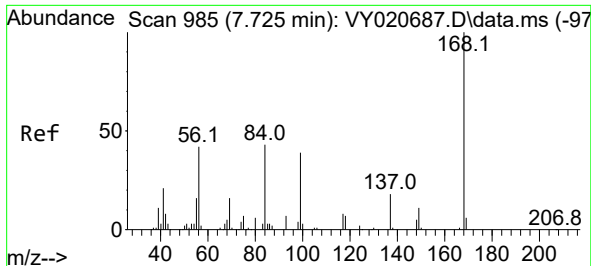
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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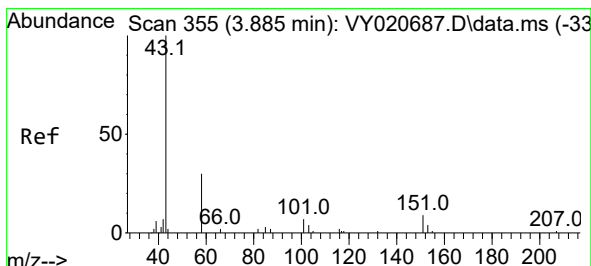
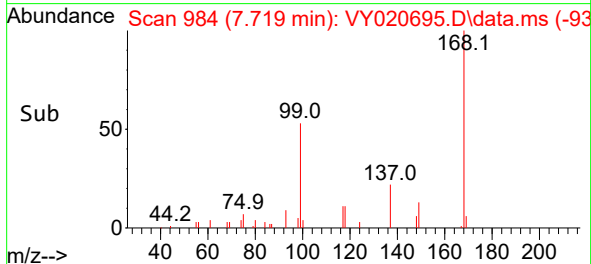
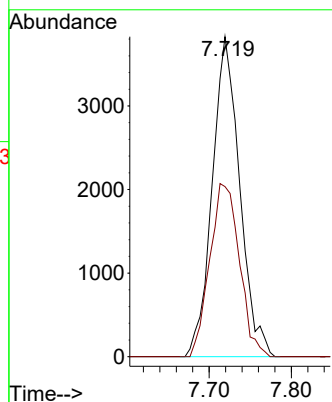
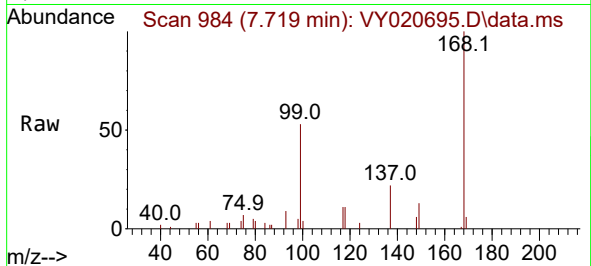




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

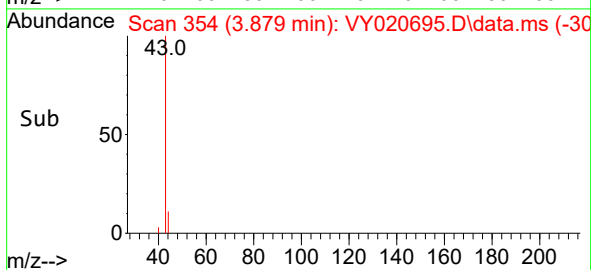
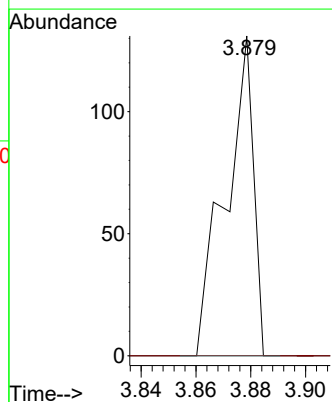
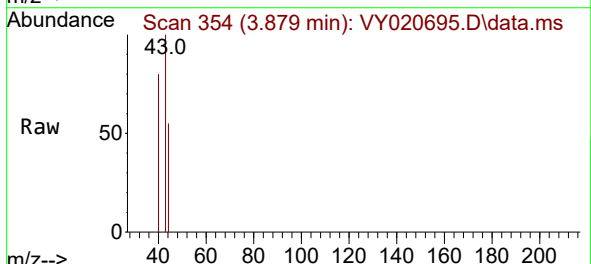
Instrument :
MSVOA_Y
ClientSampleId :

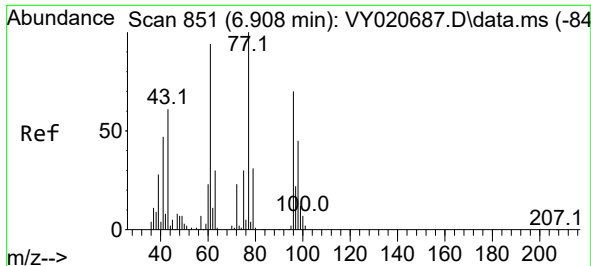
Tgt Ion:168 Resp: 8885
Ion Ratio Lower Upper
168 100
99 53.2 47.0 70.6



#16
Acetone
Concen: 10.347 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

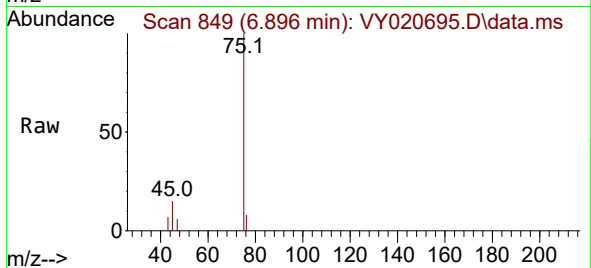
Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#



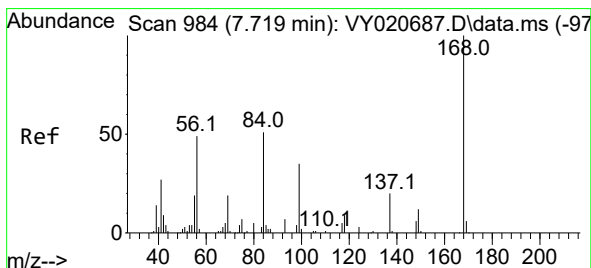
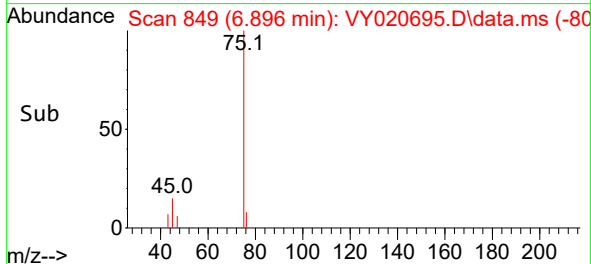
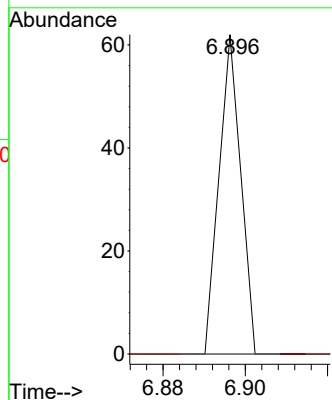


#25
2-Butanone
Concen: 1.822 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

Instrument :
MSVOA_Y
ClientSampleId :

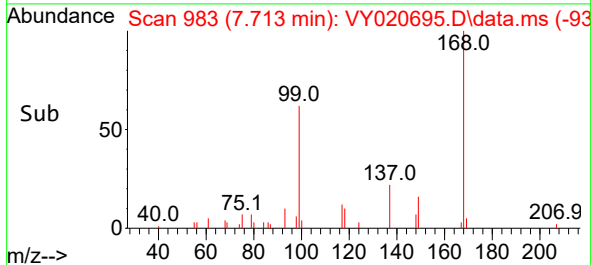
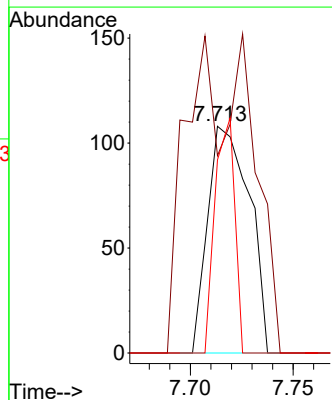
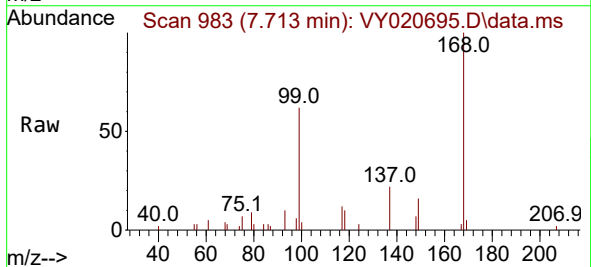


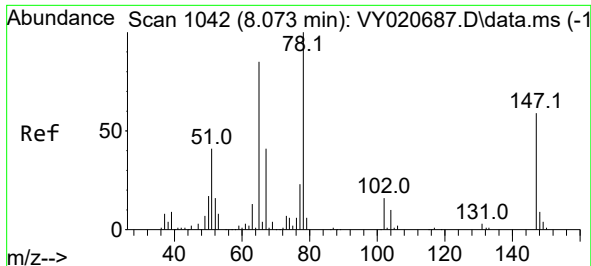
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.637 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.006 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

Tgt Ion: 56 Resp: 152
Ion Ratio Lower Upper
56 100
69 87.0 25.4 38.0#
84 85.2 68.3 102.5





#33

1,2-Dichloroethane-d4

Concen: 35.303 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY020695.D

Acq: 23 Dec 2024 16:38

Instrument :

MSVOA_Y

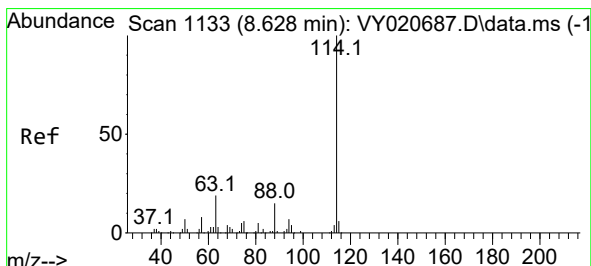
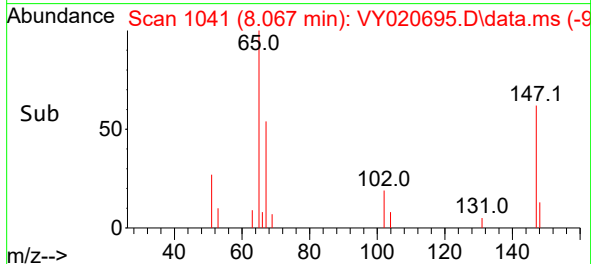
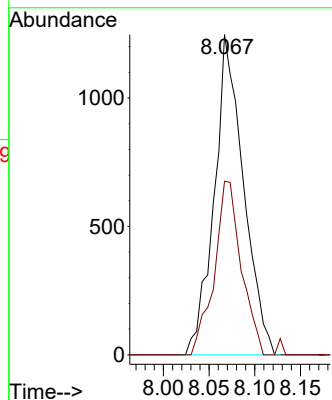
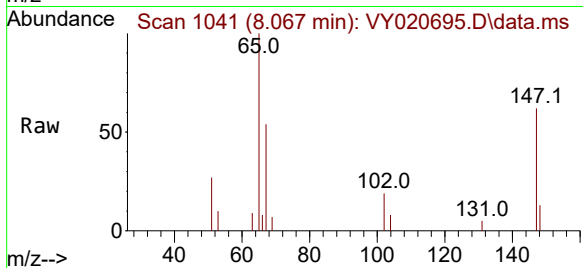
ClientSampleId :

Tgt Ion: 65 Resp: 2778

Ion Ratio Lower Upper

65 100

67 50.0 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020695.D

Acq: 23 Dec 2024 16:38

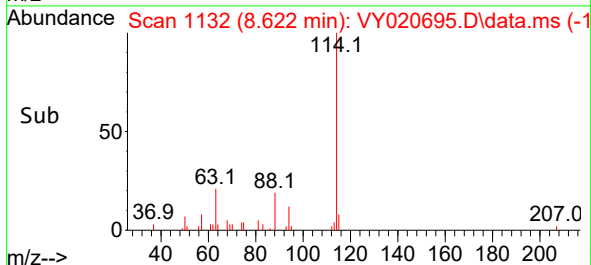
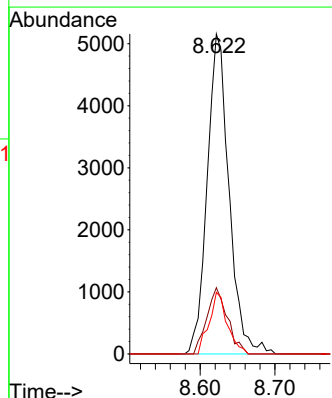
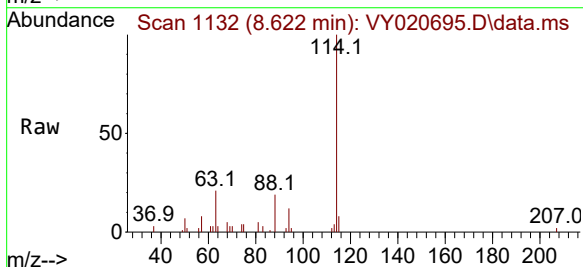
Tgt Ion: 114 Resp: 10461

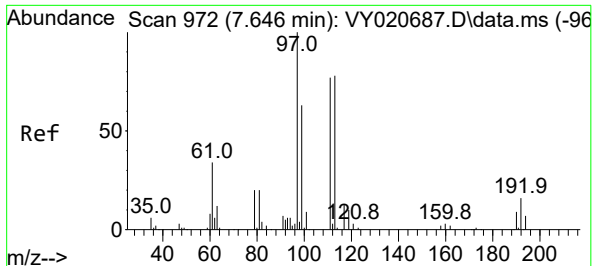
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 19.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.382 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020695.D

Acq: 23 Dec 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

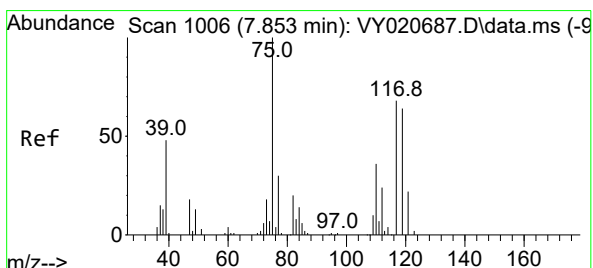
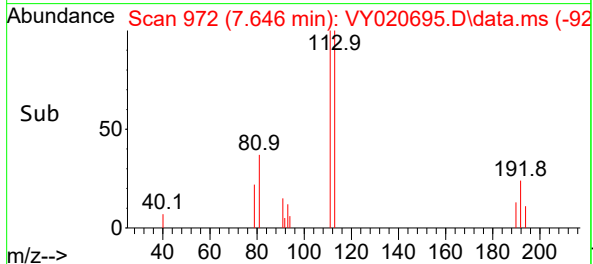
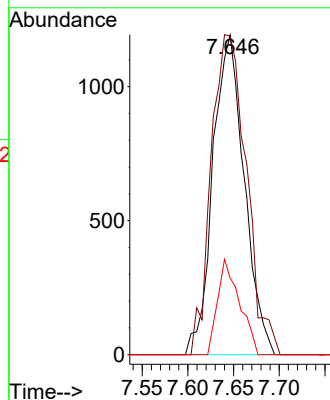
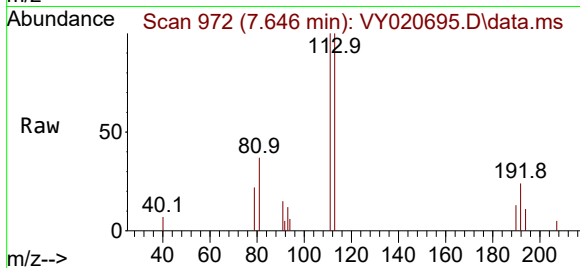
Tgt Ion:113 Resp: 2849

Ion Ratio Lower Upper

113 100

111 111.8 82.9 124.3

192 20.8 15.7 23.5



#36

1,1-Dichloropropene

Concen: 9.108 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.134 min

Lab File: VY020695.D

Acq: 23 Dec 2024 16:38

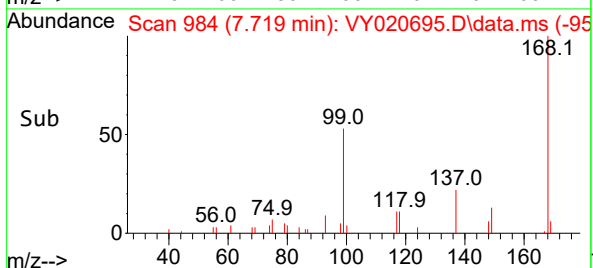
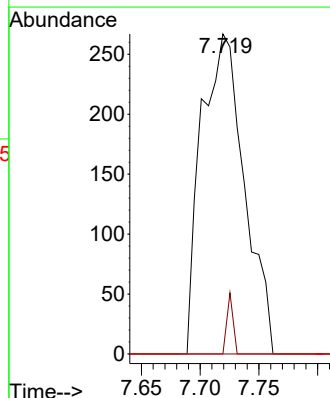
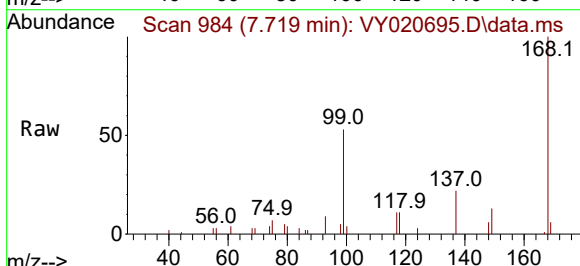
Tgt Ion: 75 Resp: 680

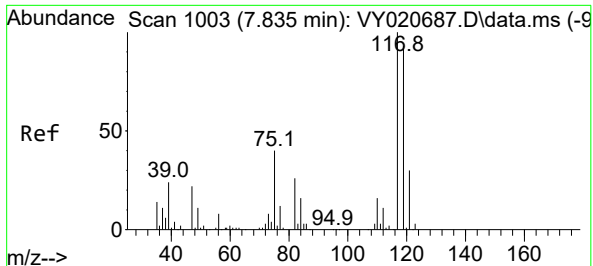
Ion Ratio Lower Upper

75 100

110 2.8 16.8 50.4#

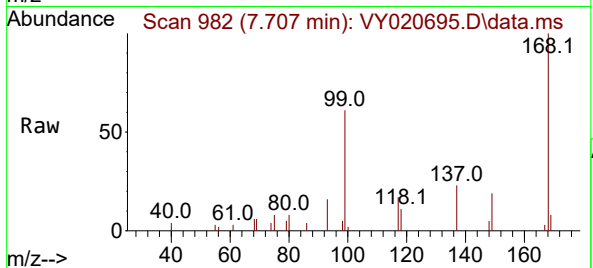
77 0.0 25.0 37.6#



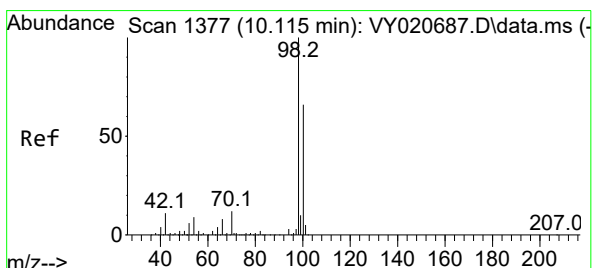
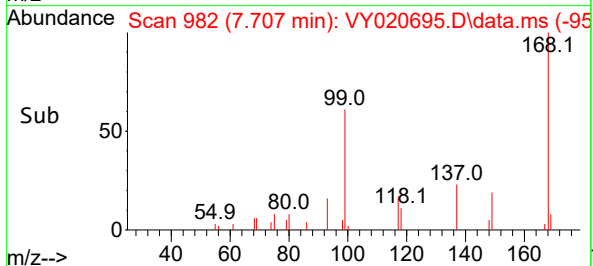
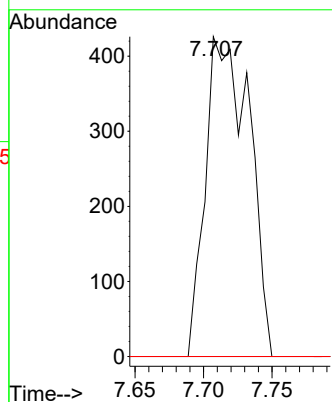


#38
Carbon Tetrachloride
Concen: 7.838 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

Instrument :
MSVOA_Y
ClientSampleId :

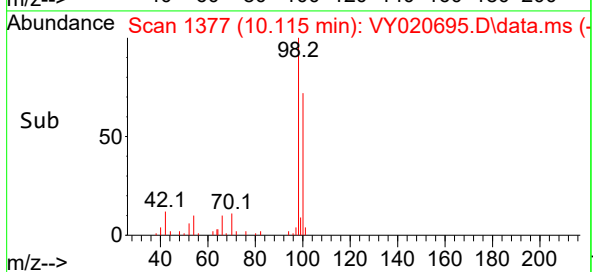
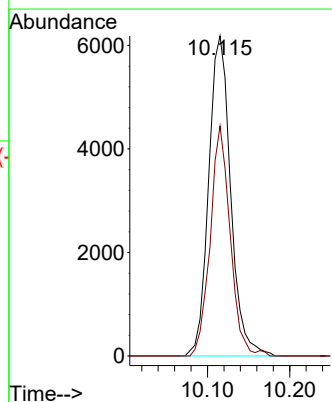
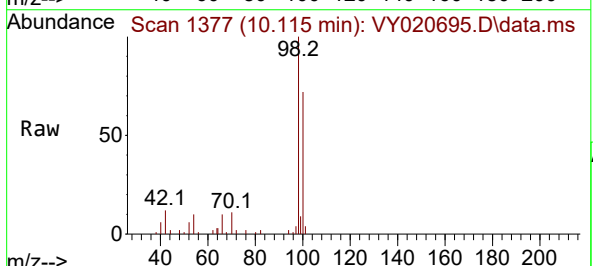


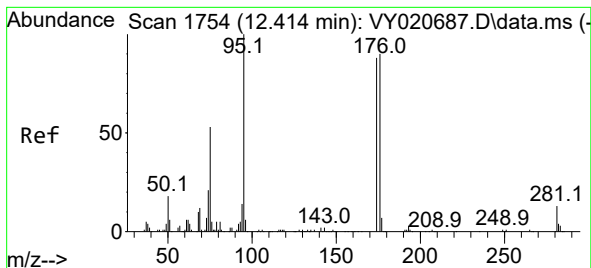
Tgt Ion:117 Resp: 947
Ion Ratio Lower Upper
117 100
119 0.0 78.3 117.5#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 51.399 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

Tgt Ion: 98 Resp: 11467
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

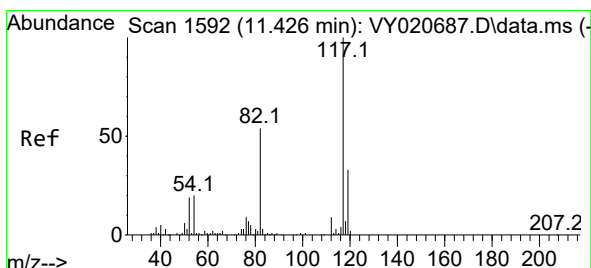
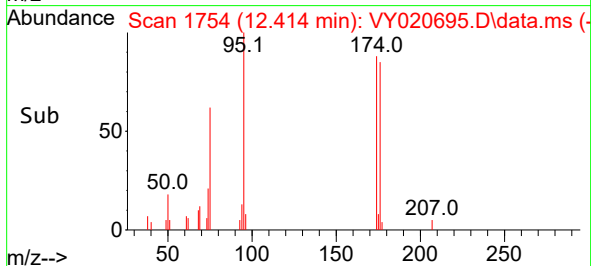
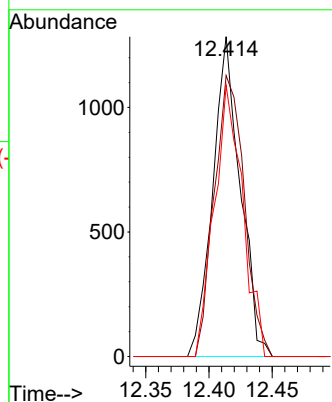
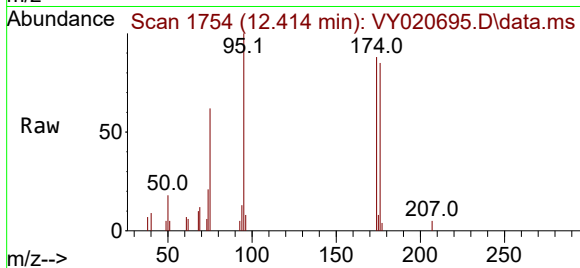




#62
4-Bromofluorobenzene
Concen: 23.903 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

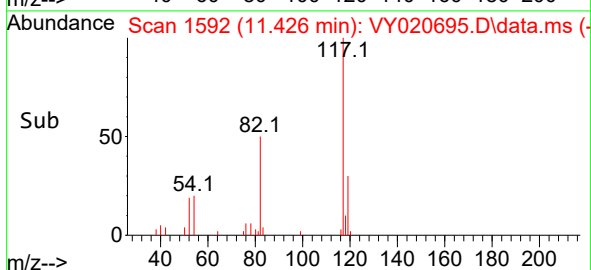
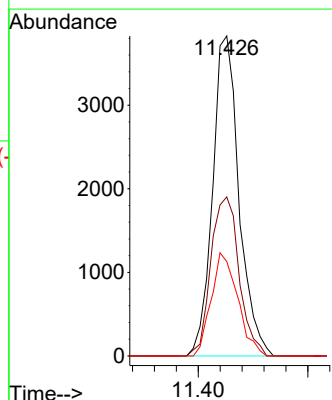
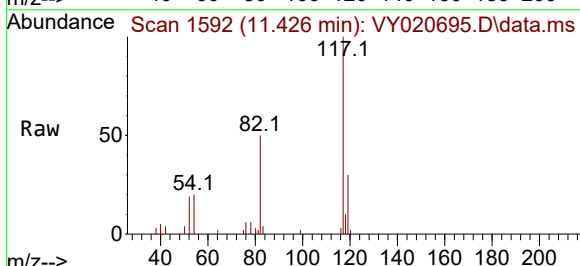
Instrument :
MSVOA_Y
ClientSampleId :

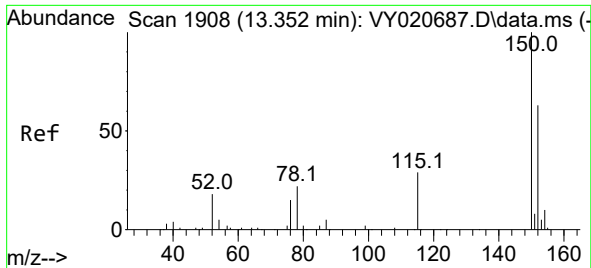
Tgt Ion:	95	Resp:	1941
Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	161.8
176	87.3	0.0	156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. -0.000 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

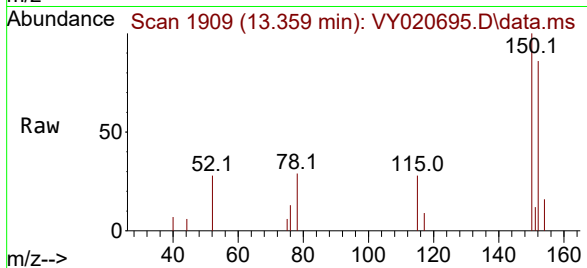
Tgt Ion:	117	Resp:	6399
Ion	Ratio	Lower	Upper
117	100		
82	49.7	45.8	68.6
119	29.5	25.3	37.9



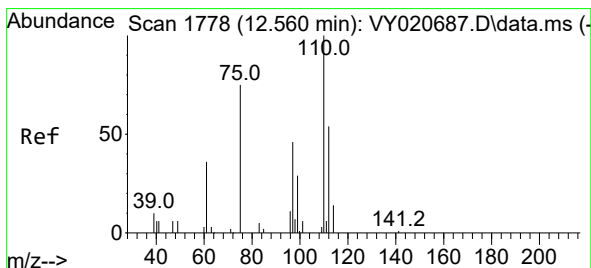
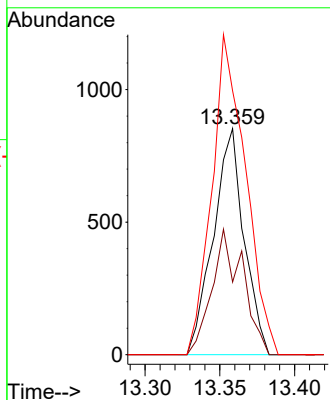
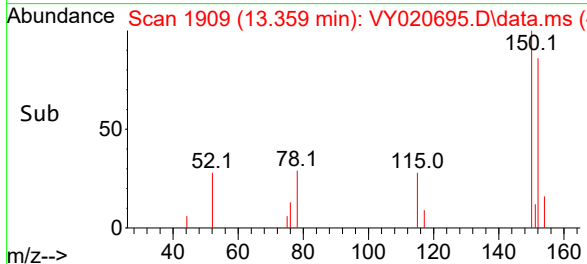


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY020695.D
 Acq: 23 Dec 2024 16:38

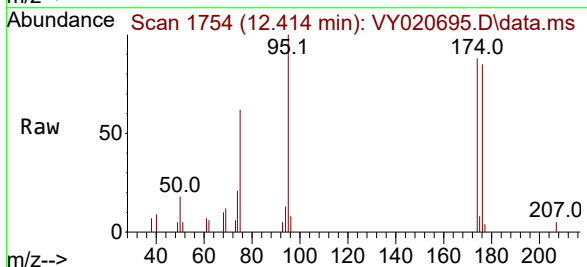
Instrument :
 MSVOA_Y
 ClientSampleId :



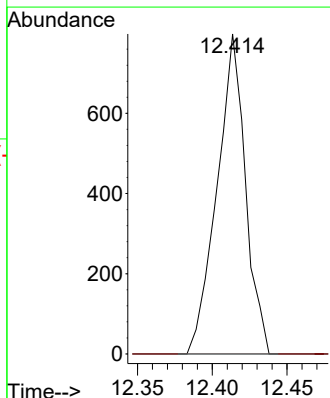
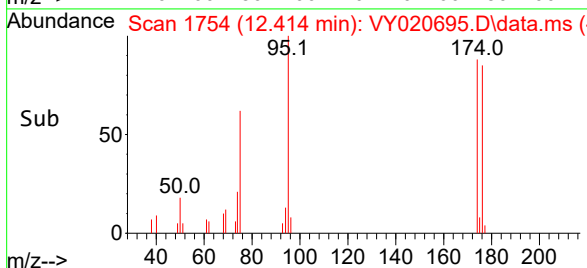
Tgt Ion:152 Resp: 1218
 Ion Ratio Lower Upper
 152 100
 115 55.7 30.2 90.6
 150 155.3 0.0 355.4

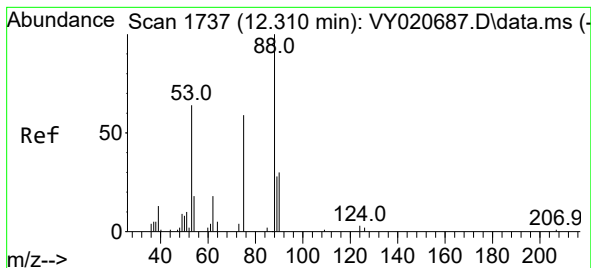


#76
 1,2,3-Trichloropropane
 Concen: 125.479 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.146 min
 Lab File: VY020695.D
 Acq: 23 Dec 2024 16:38



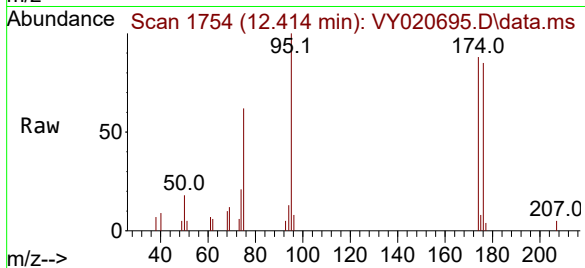
Tgt Ion: 75 Resp: 1054
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



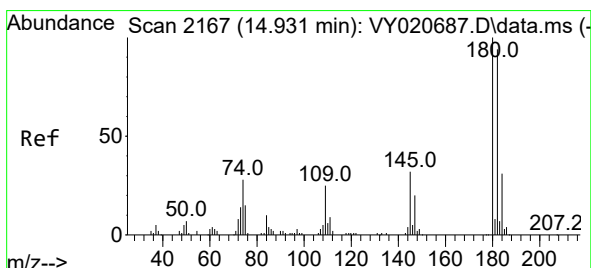
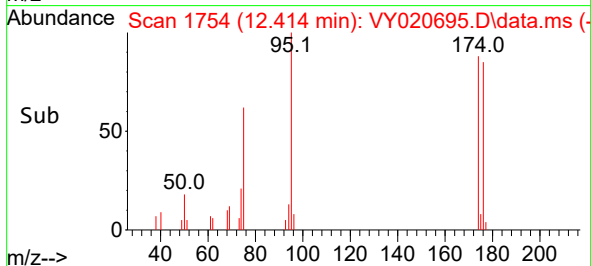
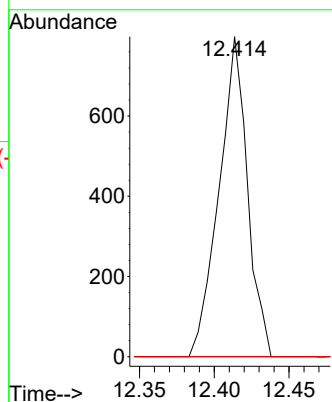


#81
trans-1,4-Dichloro-2-butene
Concen: 272.764 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

Instrument :
MSVOA_Y
ClientSampleId :

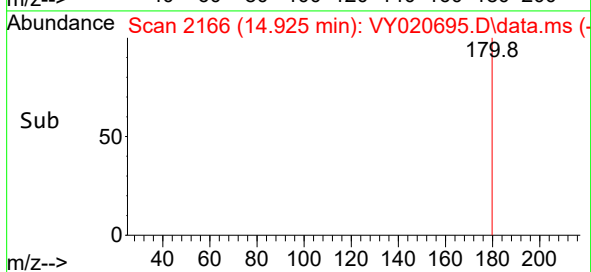
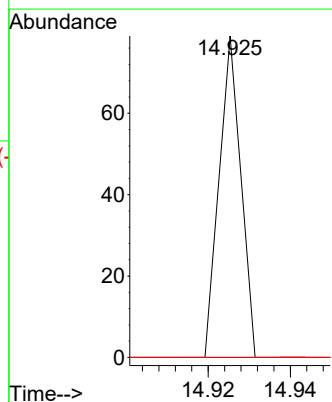
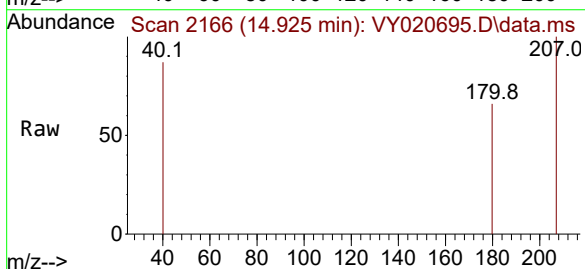


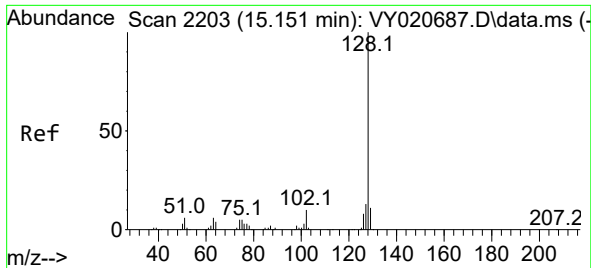
Tgt Ion: 75 Resp: 1054
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.553 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VY020695.D
Acq: 23 Dec 2024 16:38

Tgt Ion:180 Resp: 29
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 15.6 46.7#





#95

Naphthalene

Concen: 7.993 ug/l

RT: 15.163 min Scan# 21

Delta R.T. 0.012 min

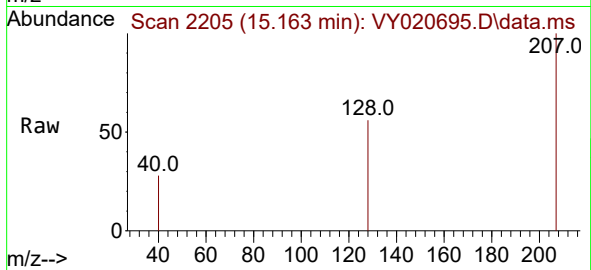
Lab File: VY020695.D

Acq: 23 Dec 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 167

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.5 12.7#

