

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019416.D
 Acq On : 30 Aug 2024 23:14
 Operator : SY/MD
 Sample : P3751-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:18:25 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	7.707	168	106898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	191567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	169916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	46709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57288	56.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.160%
35) Dibromofluoromethane	7.634	113	60938	50.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.109	98	216892	48.647	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.408	95	47977	33.270	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	66.540%

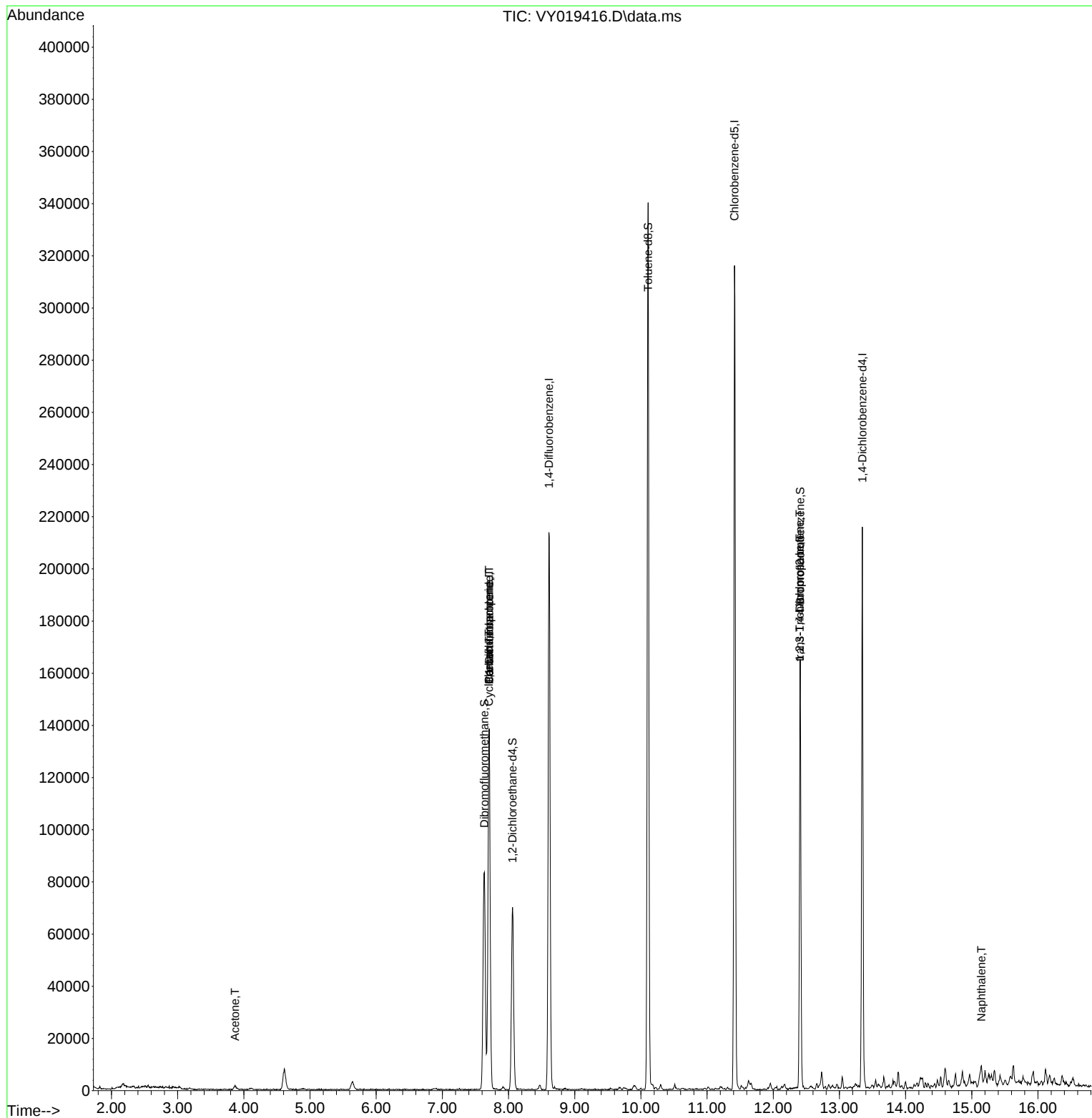
Target Compounds					Qvalue
5) Bromomethane	2.604	94	48	Below Cal	# 66
16) Acetone	3.866	43	2588	12.995	ug/l # 79
20) Methylene Chloride	4.610	84	5774	Below Cal	# 92
31) Cyclohexane	7.701	56	2313	1.343	ug/l # 8
36) 1,1-Dichloropropene	7.707	75	7776	4.543	ug/l # 49
38) Carbon Tetrachloride	7.707	117	10870	5.211	ug/l # 17
76) 1,2,3-Trichloropropane	12.401	75	24161	58.901	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.401	75	24161	145.725	ug/l # 16
95) Naphthalene	15.145	128	5034	4.200	ug/l 100

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

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MSVOA_Y
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Quant Time: Aug 31 01:18:25 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

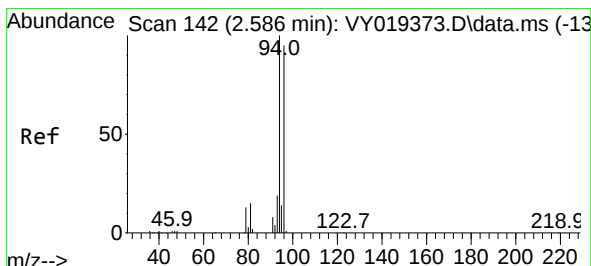
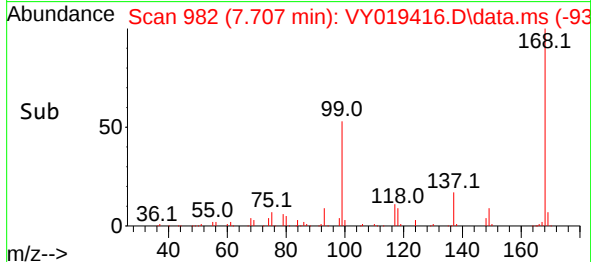
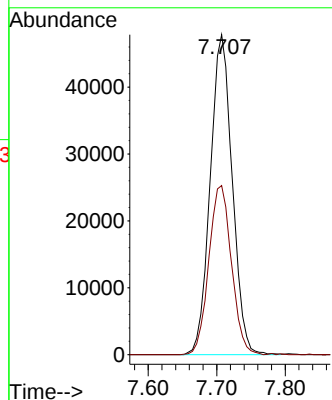
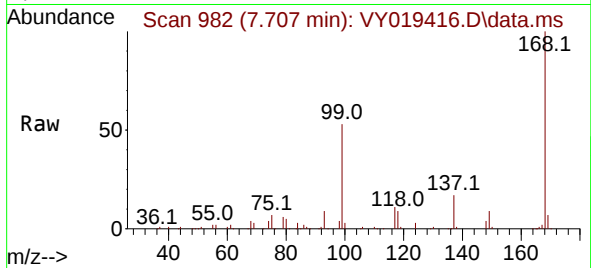




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

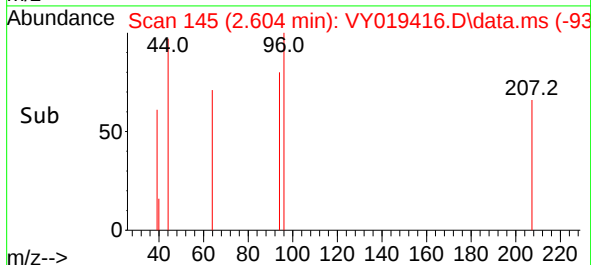
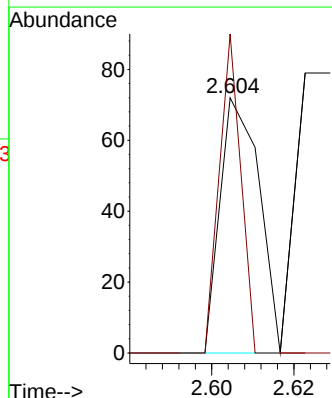
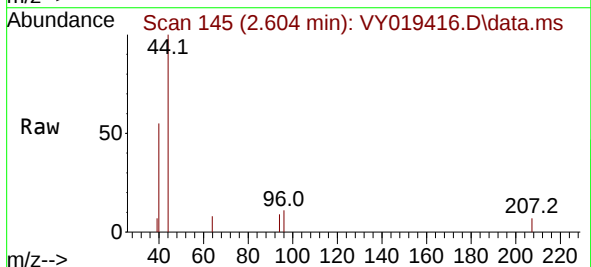
Instrument :
MSVOA_Y
ClientSampleId :

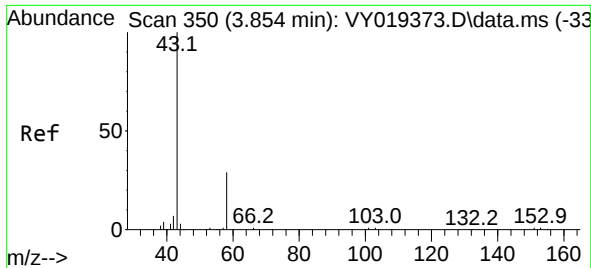
Tgt Ion:168 Resp: 106898
Ion Ratio Lower Upper
168 100
99 52.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

Tgt Ion: 94 Resp: 48
Ion Ratio Lower Upper
94 100
96 125.0 74.1 111.1#

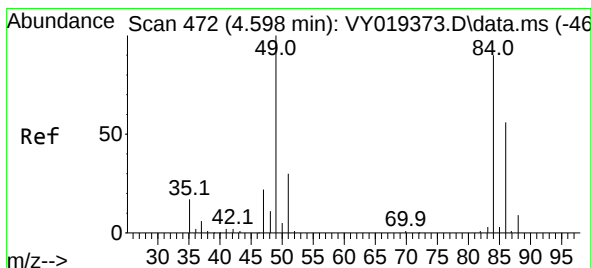
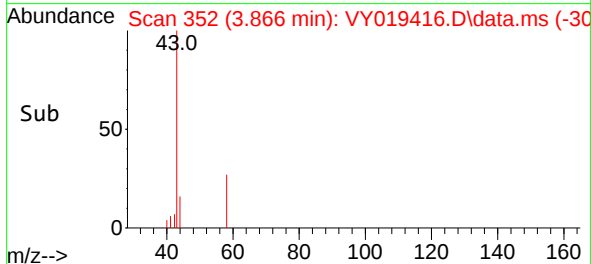
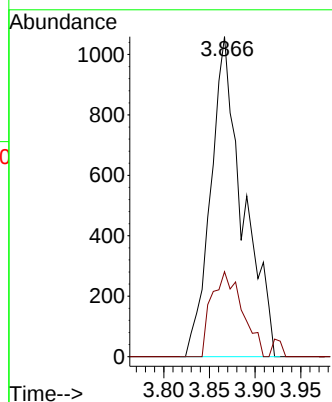
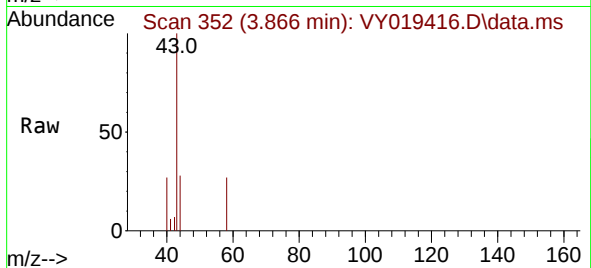




#16
Acetone
Concen: 12.995 ug/l
RT: 3.866 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

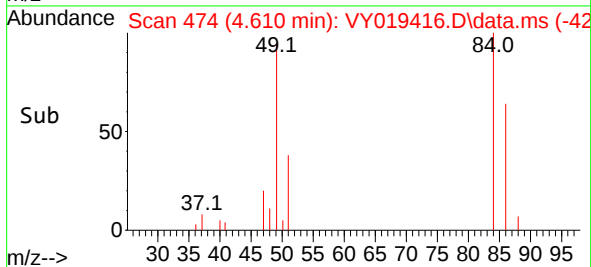
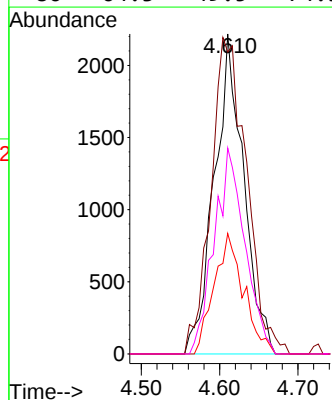
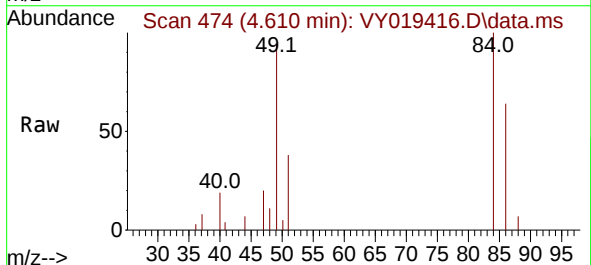
Instrument :
MSVOA_Y
ClientSampleId :

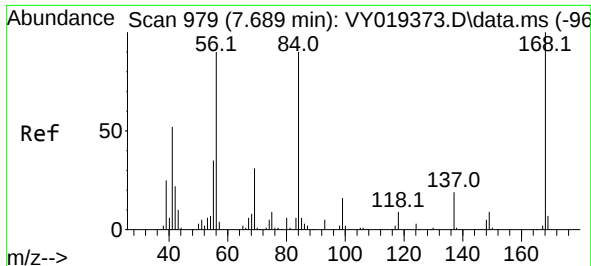
Tgt Ion: 43 Resp: 2588
Ion Ratio Lower Upper
43 100
58 26.5 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

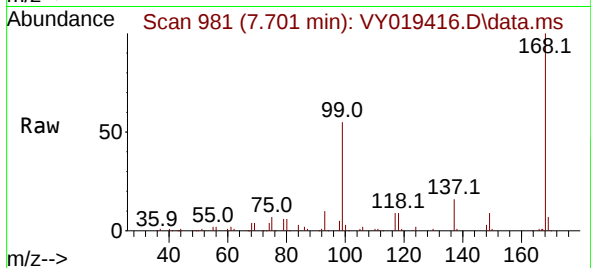
Tgt Ion: 84 Resp: 5774
Ion Ratio Lower Upper
84 100
49 94.4 84.4 126.6
51 37.6 26.0 39.0
86 64.3 49.5 74.3



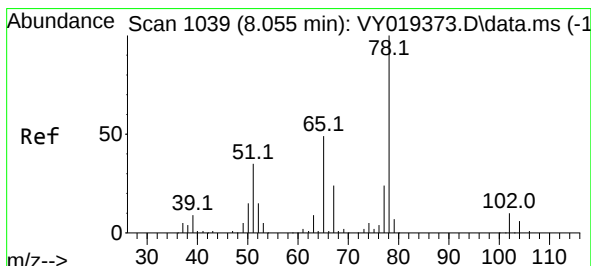
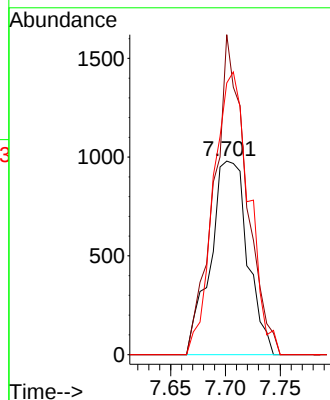
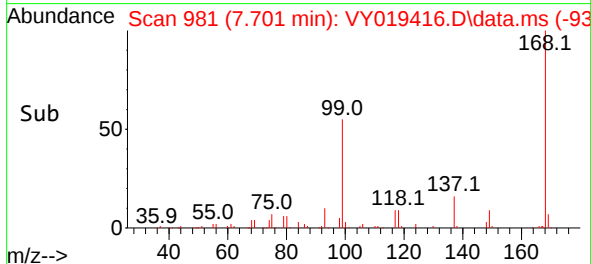


#31
Cyclohexane
Concen: 1.343 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

Instrument :
MSVOA_Y
ClientSampleId :

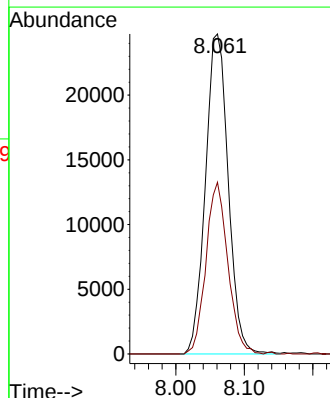
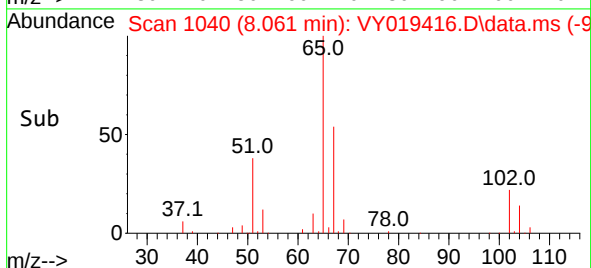
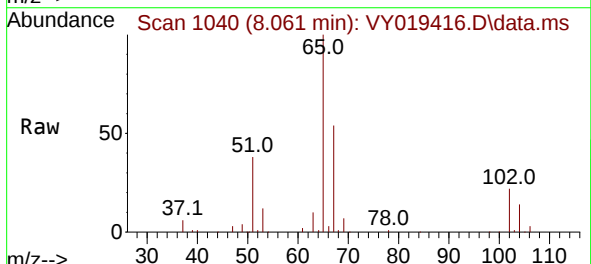


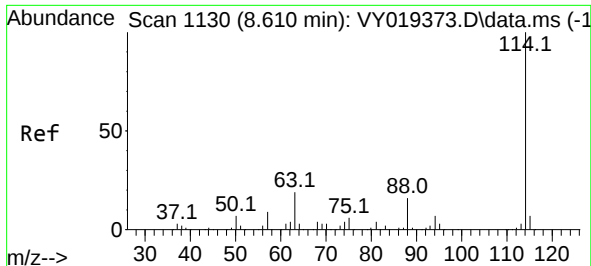
Tgt Ion: 56 Resp: 2313
Ion Ratio Lower Upper
56 100
69 165.3 28.7 43.1#
84 140.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 56.580 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

Tgt Ion: 65 Resp: 57288
Ion Ratio Lower Upper
65 100
67 51.4 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: VY019416.D

Acq: 30 Aug 2024 23:14

Instrument :

MSVOA_Y

ClientSampleId :

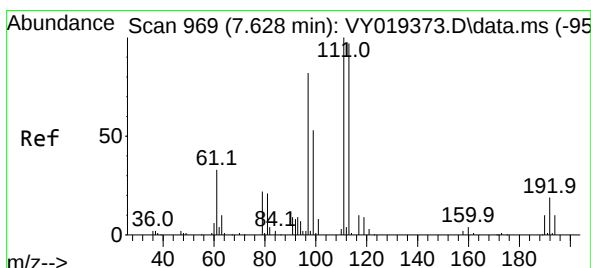
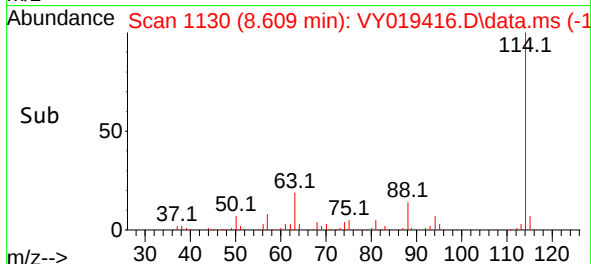
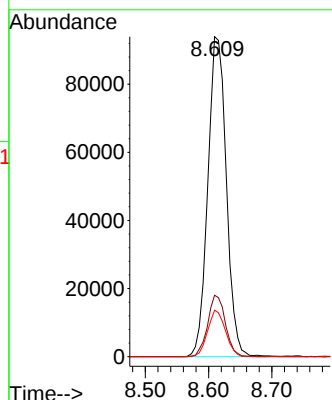
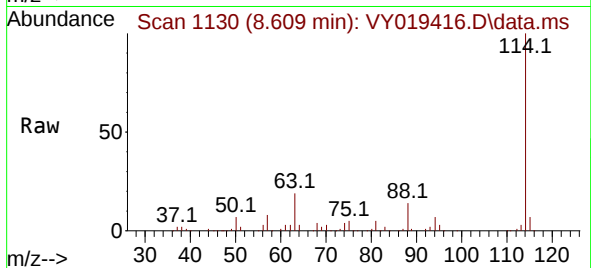
Tgt Ion:114 Resp: 191567

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.314 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY019416.D

Acq: 30 Aug 2024 23:14

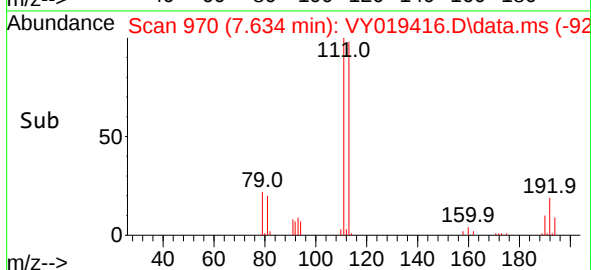
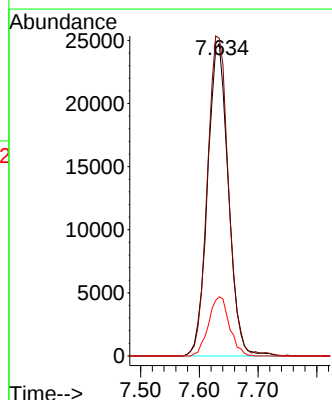
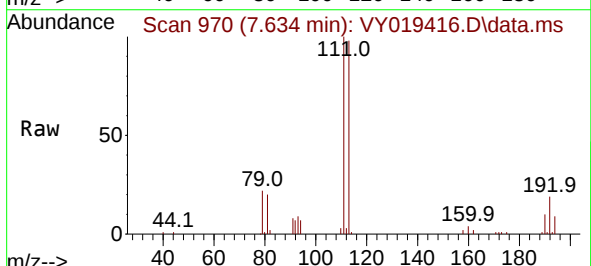
Tgt Ion:113 Resp: 60938

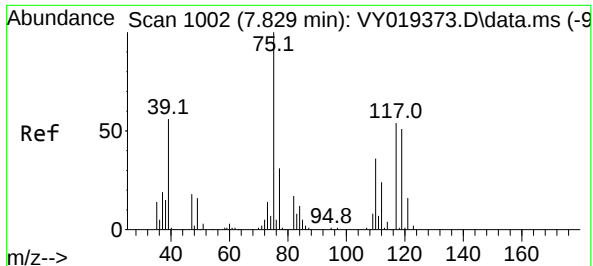
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 18.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.543 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY019416.D

Acq: 30 Aug 2024 23:14

Instrument :

MSVOA_Y

ClientSampleId :

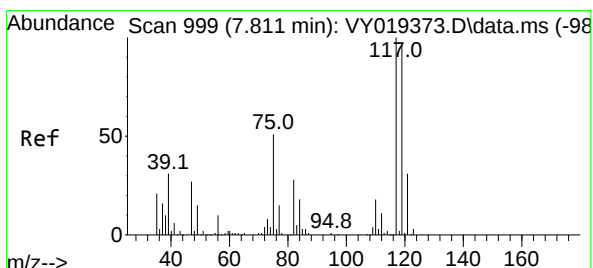
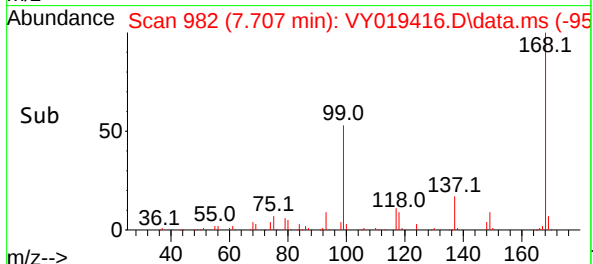
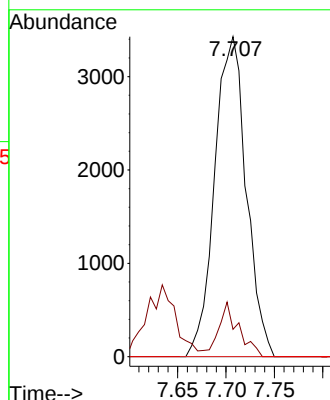
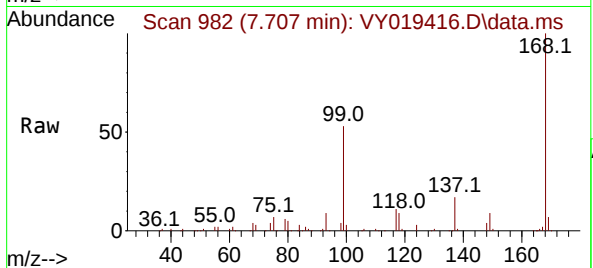
Tgt Ion: 75 Resp: 7776

Ion Ratio Lower Upper

75 100

110 10.7 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.211 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.104 min

Lab File: VY019416.D

Acq: 30 Aug 2024 23:14

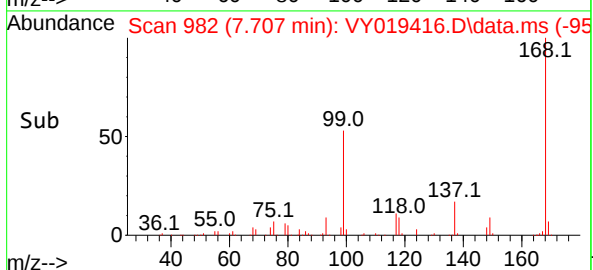
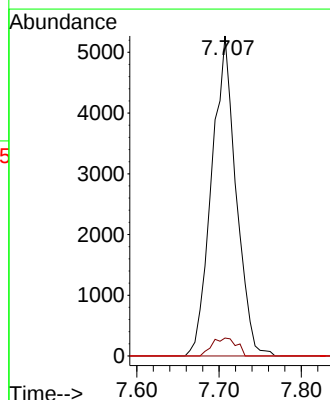
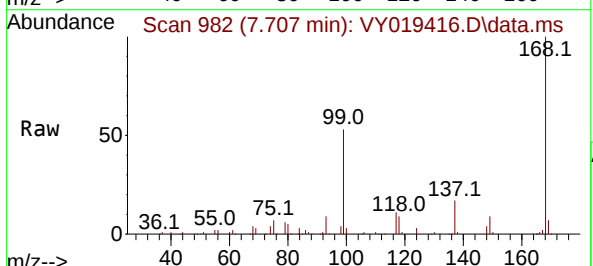
Tgt Ion: 117 Resp: 10870

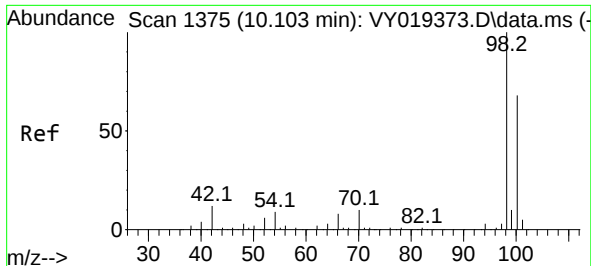
Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.6#

121 0.0 24.0 36.0#

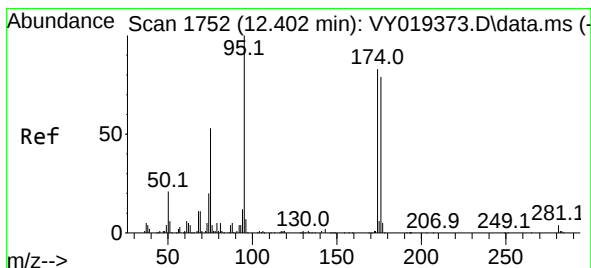
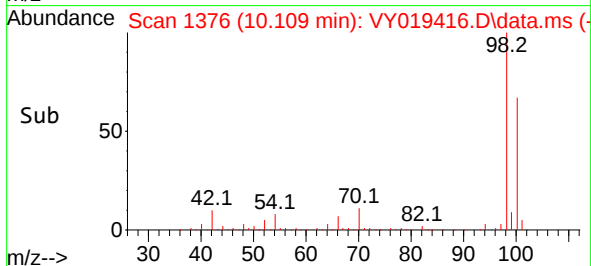
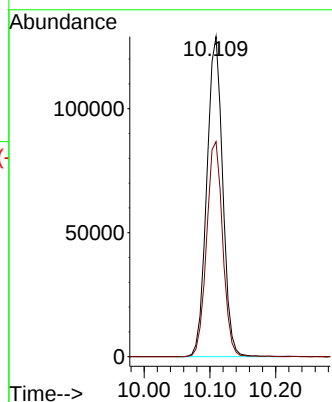
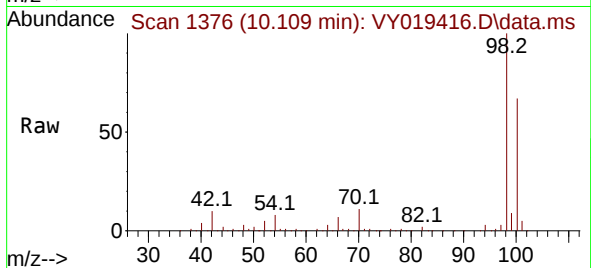




#50
Toluene-d8
Concen: 48.647 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

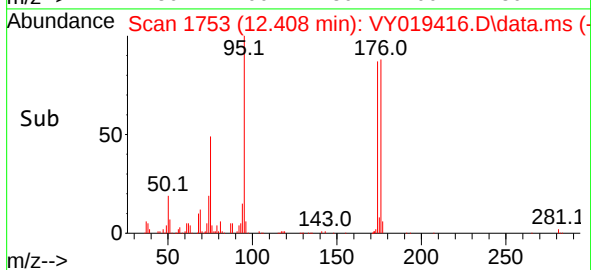
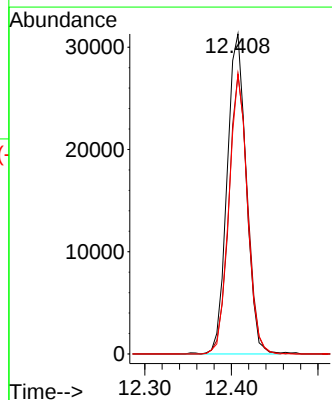
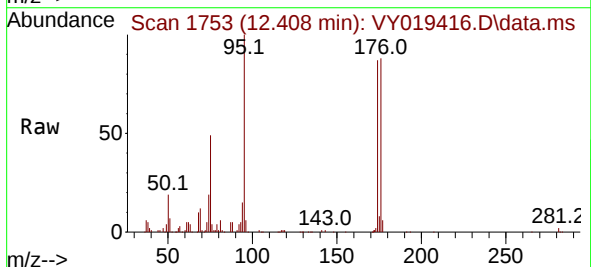
Instrument :
MSVOA_Y
ClientSampleId :

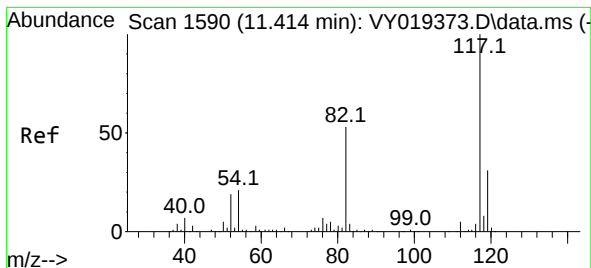
Tgt Ion: 98 Resp: 216892
Ion Ratio Lower Upper
98 100
100 68.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 33.270 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

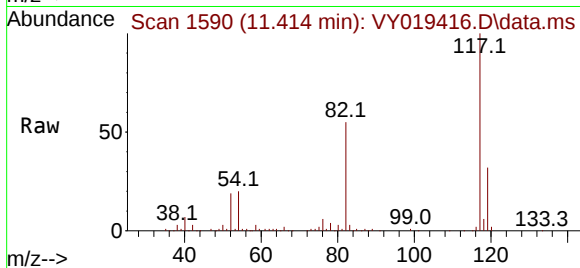
Tgt Ion: 95 Resp: 47977
Ion Ratio Lower Upper
95 100
174 86.1 0.0 175.6
176 84.8 0.0 171.4



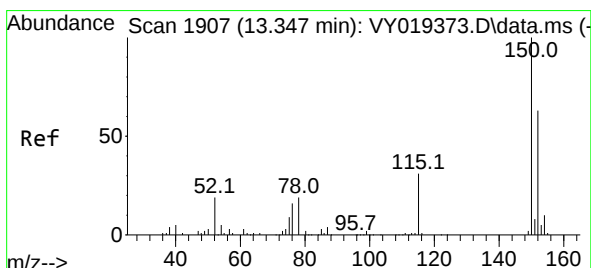
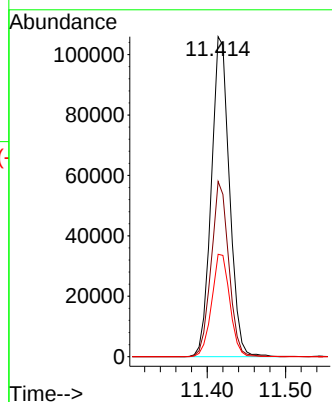
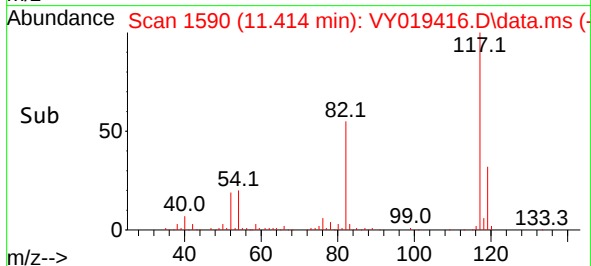


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

Instrument :
MSVOA_Y
ClientSampleId :

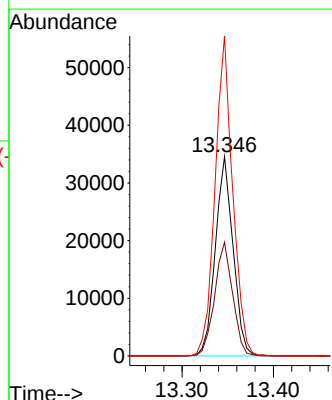
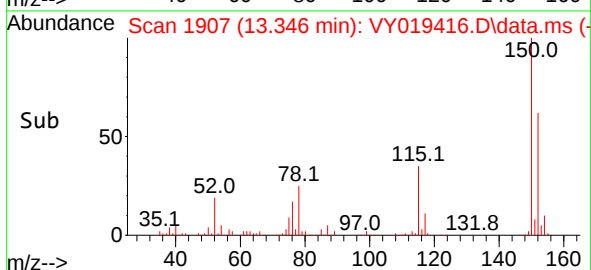
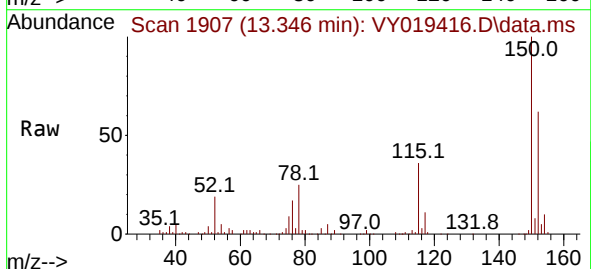


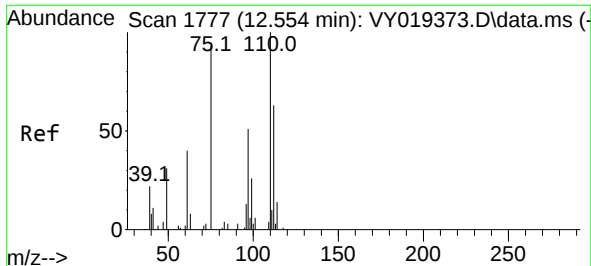
Tgt Ion:117 Resp: 169916
Ion Ratio Lower Upper
117 100
82 54.8 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

Tgt Ion:152 Resp: 46709
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 159.2 0.0 345.6

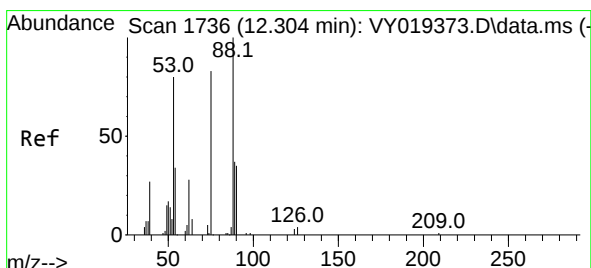
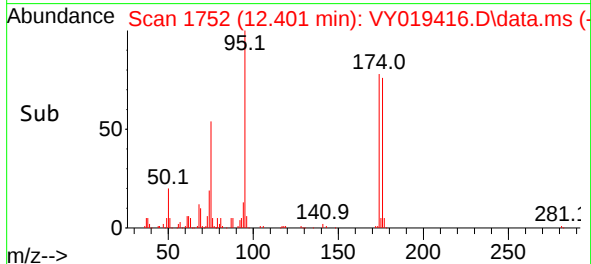
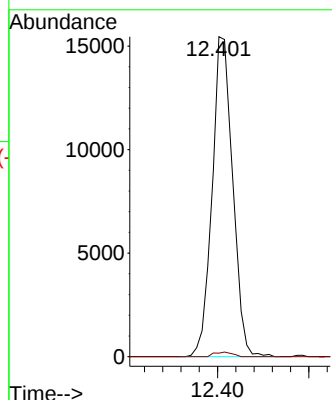
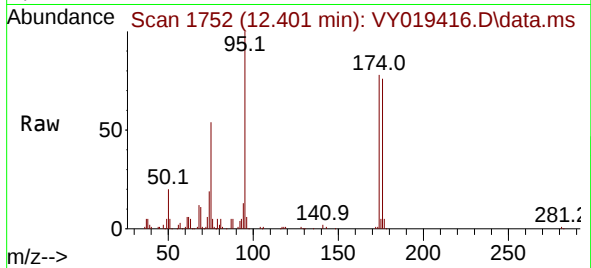




#76
1,2,3-Trichloropropane
Concen: 58.901 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

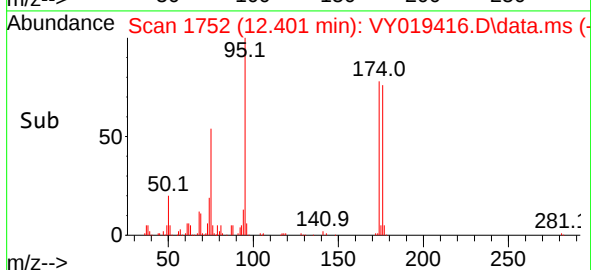
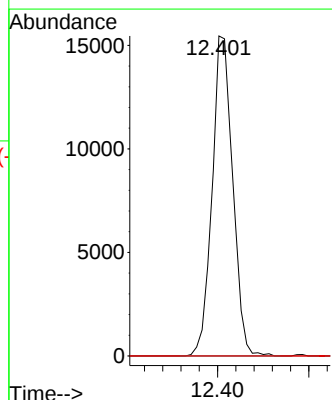
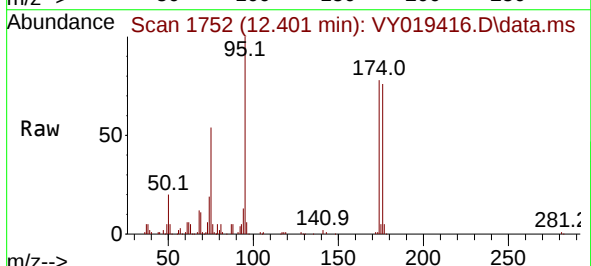
Instrument :
MSVOA_Y
ClientSampleId :

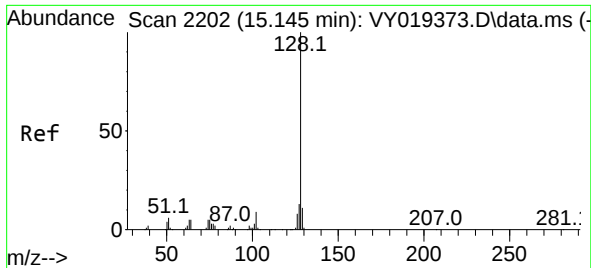
Tgt Ion: 75 Resp: 24161
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.725 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

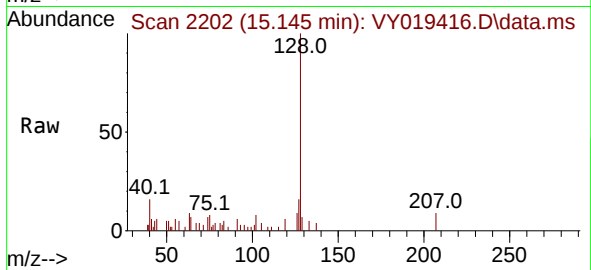
Tgt Ion: 75 Resp: 24161
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.200 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 5034
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.7 8.6 13.0

