

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019434.D
 Acq On : 03 Sep 2024 17:11
 Operator : SY/MD
 Sample : P3812-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 04 01:36:53 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)

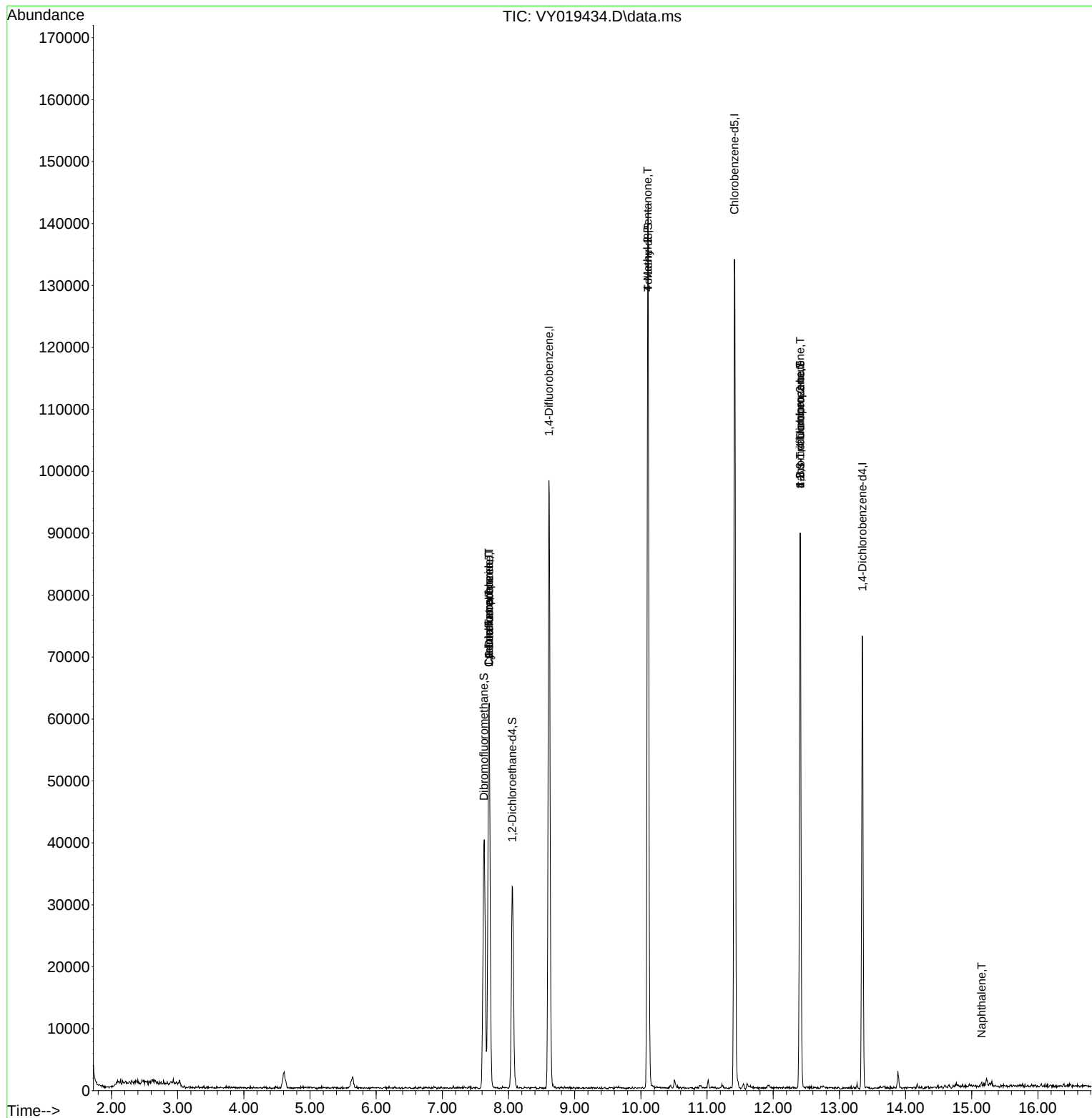
Internal Standards						
1) Pentafluorobenzene	7.707	168	50196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	85288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	76761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	17931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	26240	55.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.380%	
35) Dibromofluoromethane	7.628	113	28567	52.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.960%	
50) Toluene-d8	10.109	98	93558	47.133	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.260%	
62) 4-Bromofluorobenzene	12.408	95	26995	42.047	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 84.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.605	94	86	Below Cal	#	28
20) Methylene Chloride	4.610	84	1890	Below Cal	#	81
31) Cyclohexane	7.701	56	1019	1.260	ug/l #	50
36) 1,1-Dichloropropene	7.701	75	4018	5.273	ug/l #	49
38) Carbon Tetrachloride	7.701	117	5226	5.627	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	444	1.440	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	15049	95.567	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	15049	236.441	ug/l #	16
95) Naphthalene	15.151	128	690	1.499	ug/l #	69

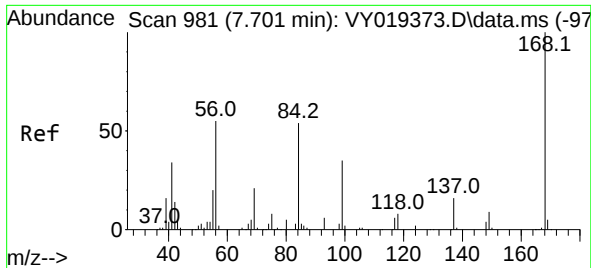
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 04 01:36:53 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

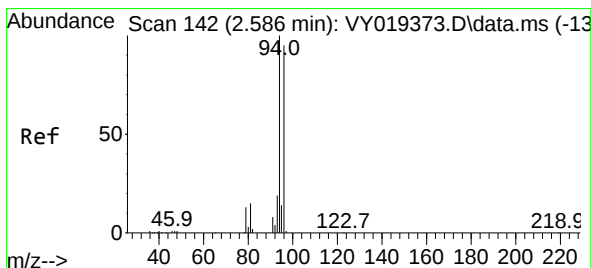
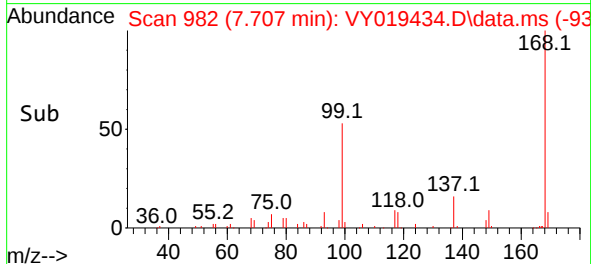
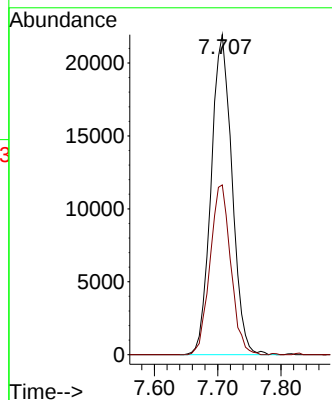
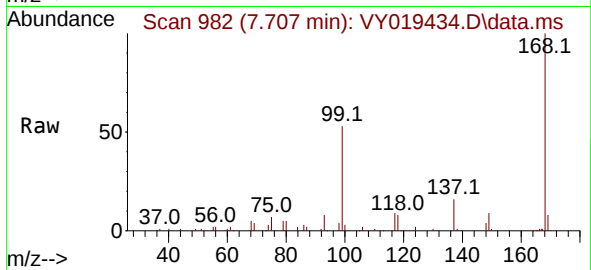




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

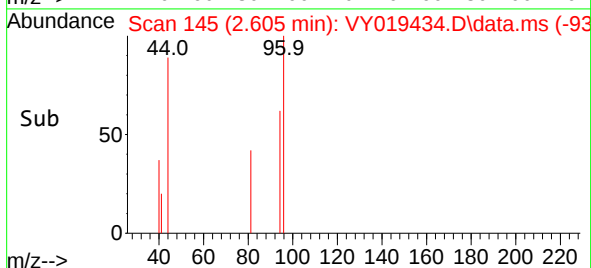
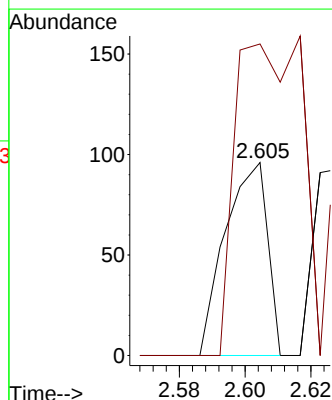
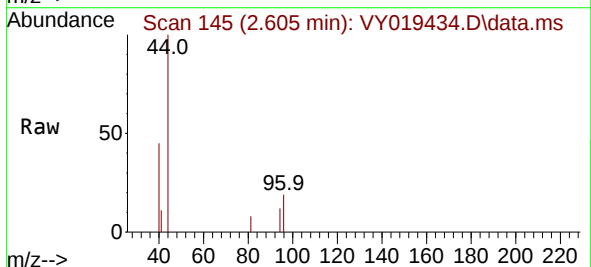
Instrument :
MSVOA_Y
ClientSampleId :

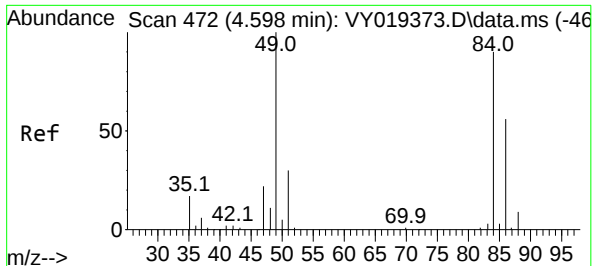
Tgt Ion:168 Resp: 50196
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

Tgt Ion: 94 Resp: 86
Ion Ratio Lower Upper
94 100
96 161.5 74.1 111.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY019434.D

Acq: 03 Sep 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 1890

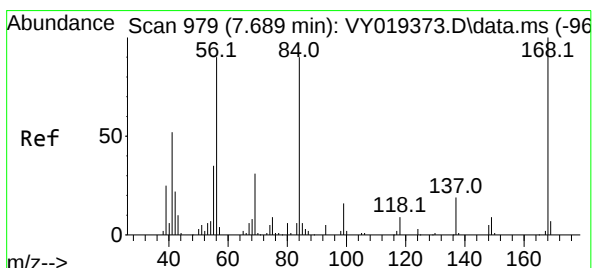
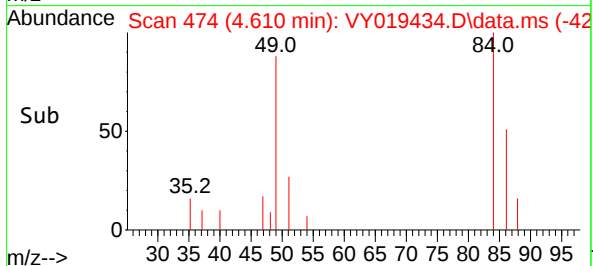
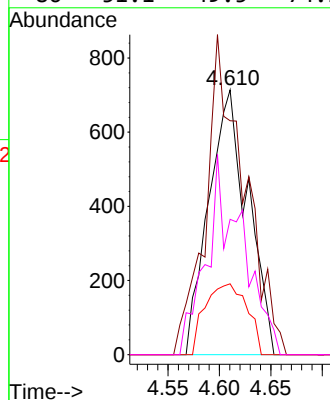
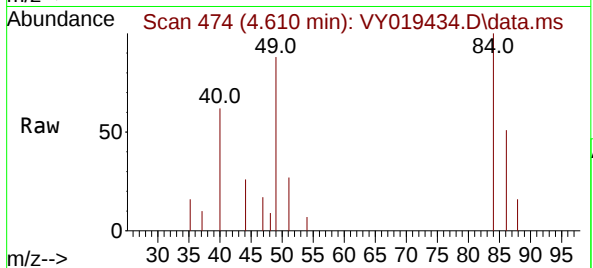
Ion Ratio Lower Upper

84 100

49 80.0 84.4 126.6#

51 26.8 26.0 39.0

86 51.1 49.5 74.3



#31

Cyclohexane

Concen: 1.260 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019434.D

Acq: 03 Sep 2024 17:11

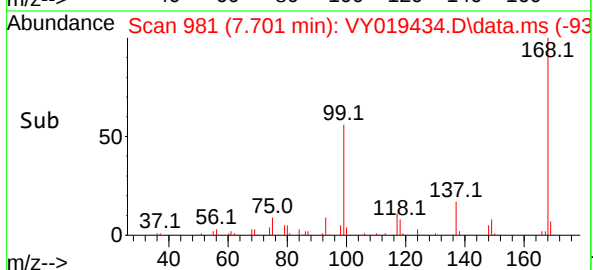
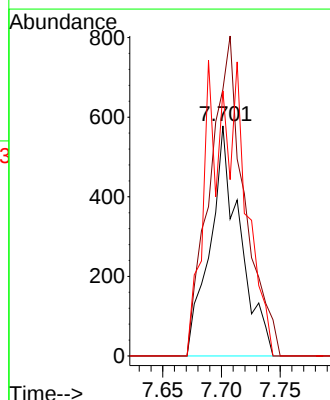
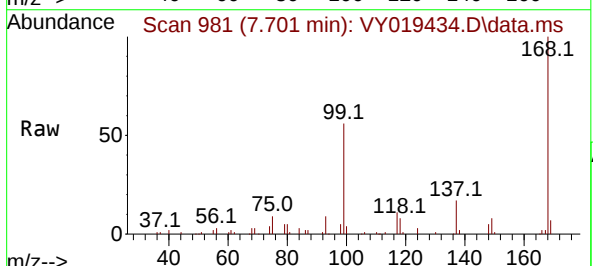
Tgt Ion: 56 Resp: 1019

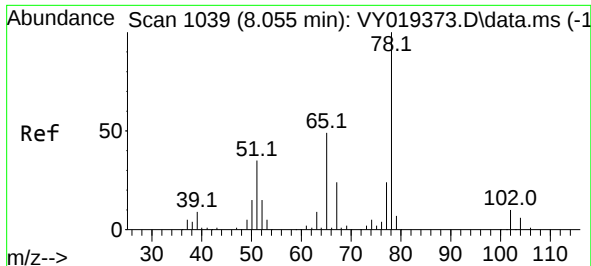
Ion Ratio Lower Upper

56 100

69 115.9 28.7 43.1#

84 115.2 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 55.190 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019434.D

Acq: 03 Sep 2024 17:11

Instrument :

MSVOA_Y

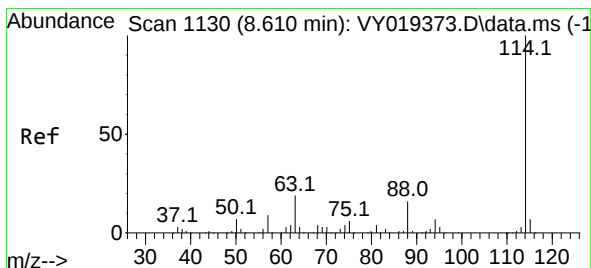
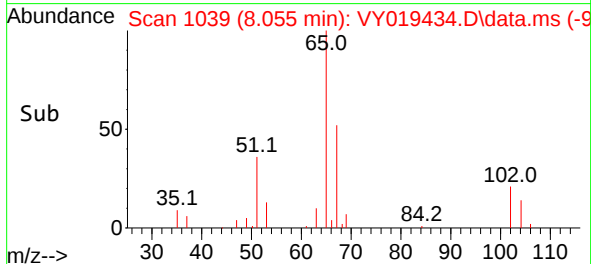
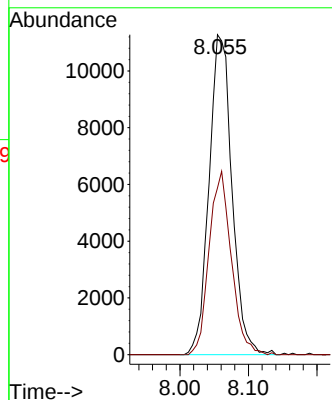
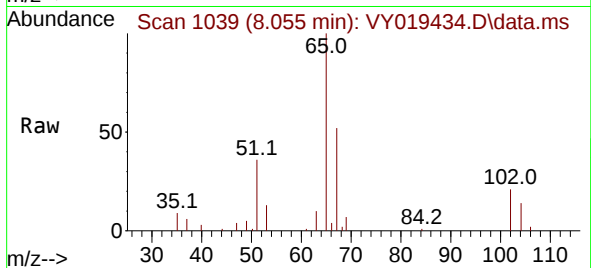
ClientSampleId :

Tgt Ion: 65 Resp: 26240

Ion Ratio Lower Upper

65 100

67 55.6 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: VY019434.D

Acq: 03 Sep 2024 17:11

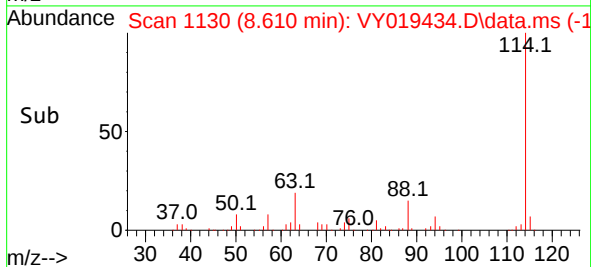
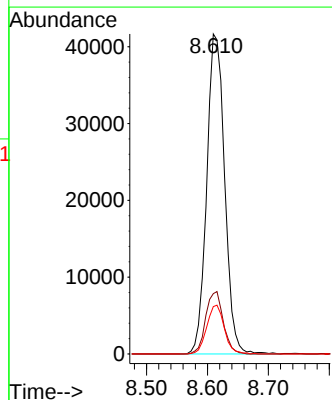
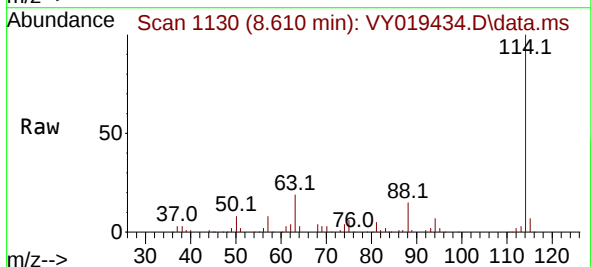
Tgt Ion: 114 Resp: 85288

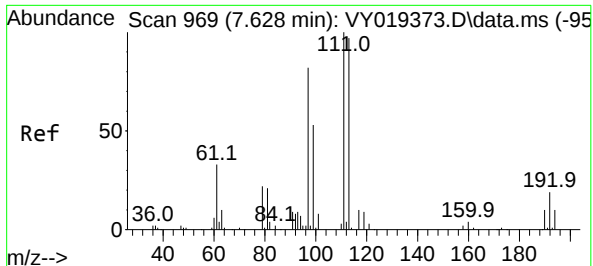
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 14.8 0.0 27.2

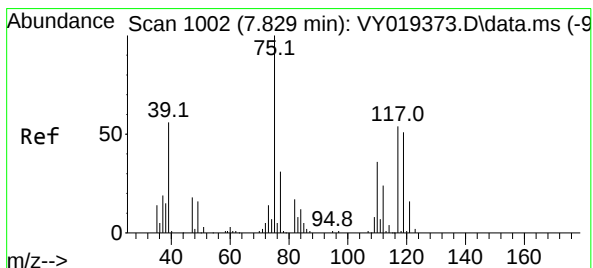
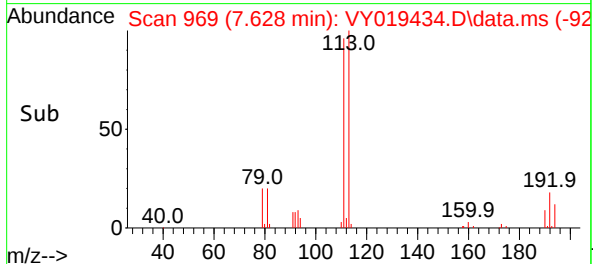
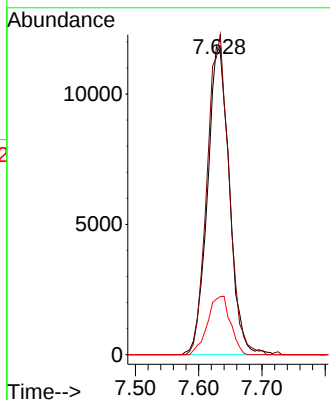
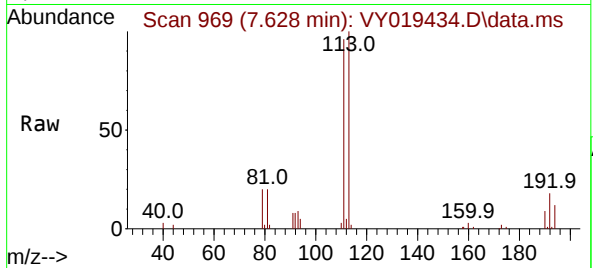




#35
Dibromofluoromethane
Concen: 52.978 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

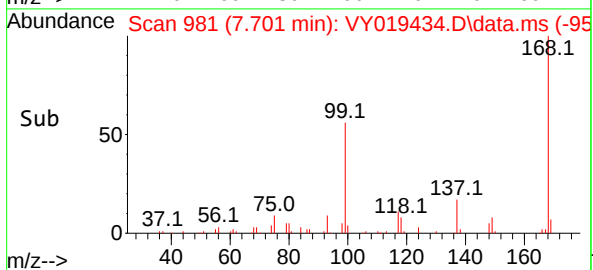
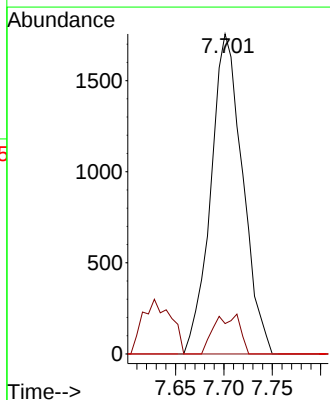
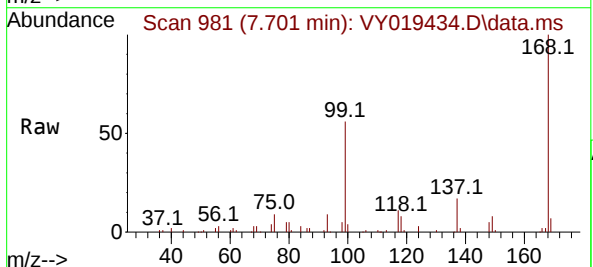
Instrument :
MSVOA_Y
ClientSampleId :

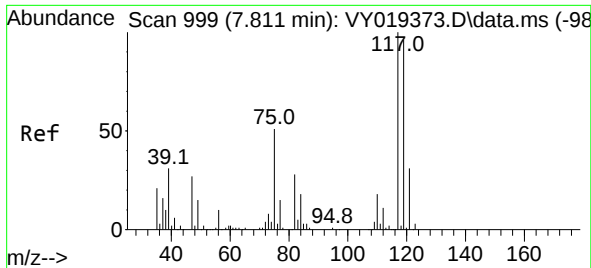
Tgt Ion:113 Resp: 28567
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.273 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

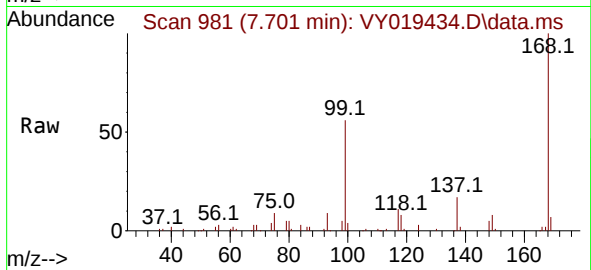
Tgt Ion: 75 Resp: 4018
Ion Ratio Lower Upper
75 100
110 9.9 19.0 57.0#
77 0.0 25.3 37.9#



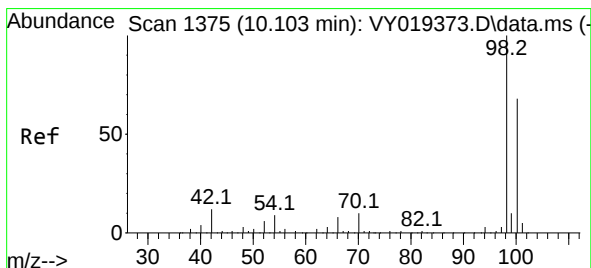
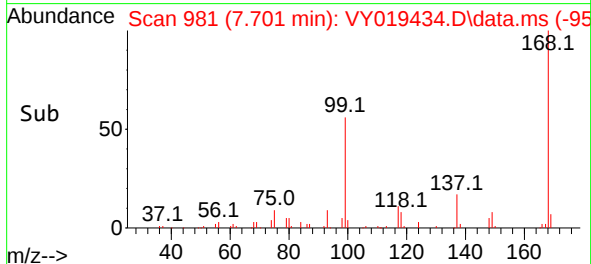
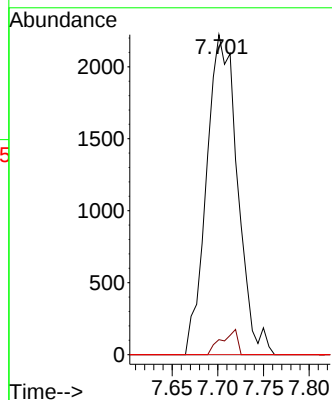


#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :

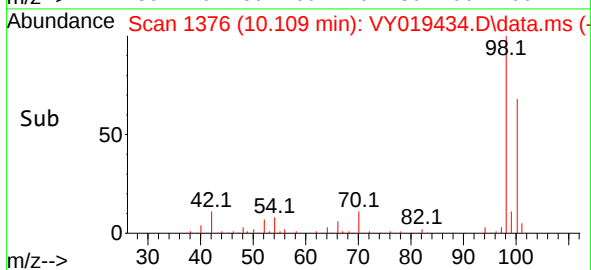
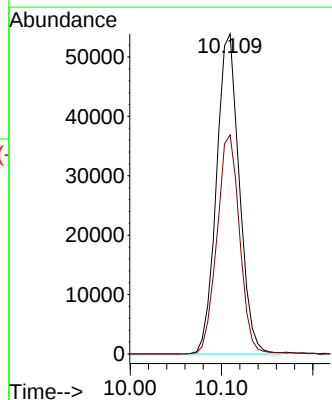
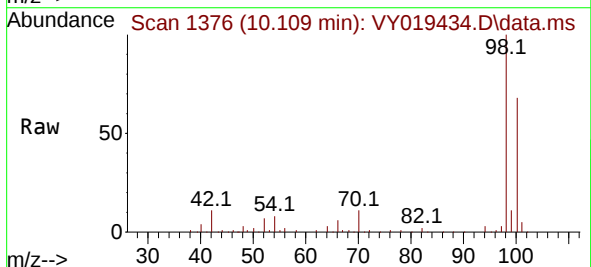


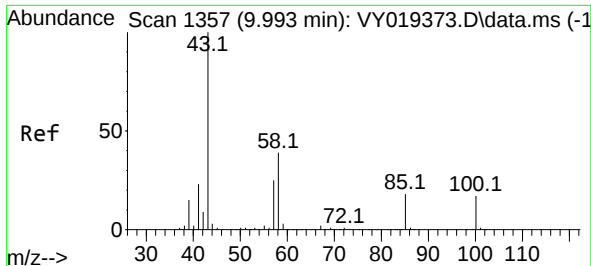
Tgt Ion:117 Resp: 5226
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.133 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

Tgt Ion: 98 Resp: 93558
Ion Ratio Lower Upper
98 100
100 68.1 52.0 78.0

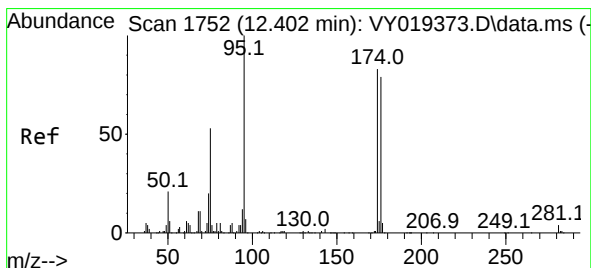
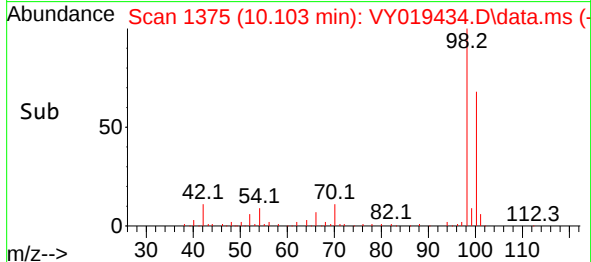
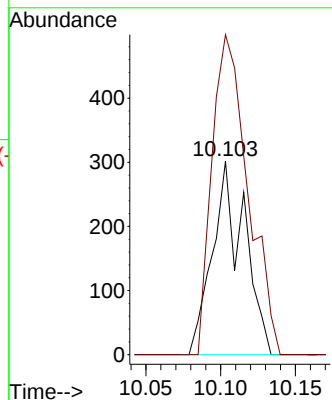
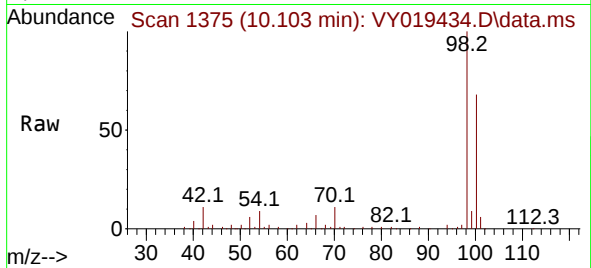




#51
4-Methyl-2-Pentanone
Concen: 1.440 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

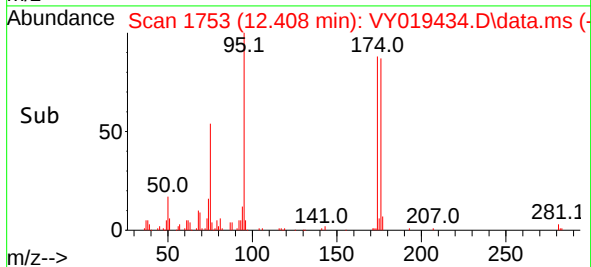
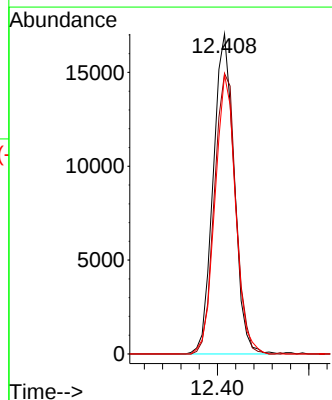
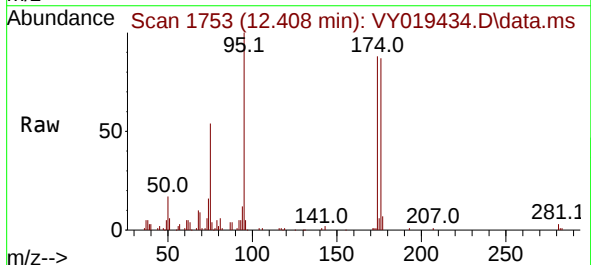
Instrument :
MSVOA_Y
ClientSampleId :

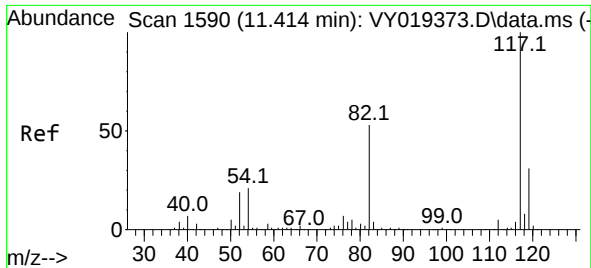
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 188.1 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 42.047 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

Tgt Ion: 95 Resp: 26995
Ion Ratio Lower Upper
95 100
174 90.6 0.0 175.6
176 86.4 0.0 171.4

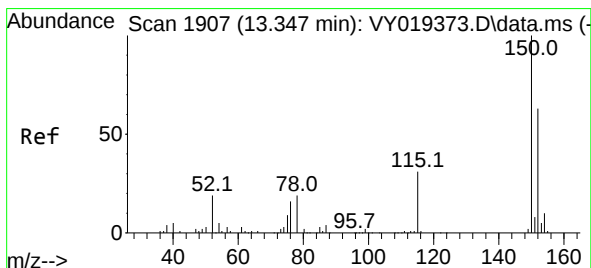
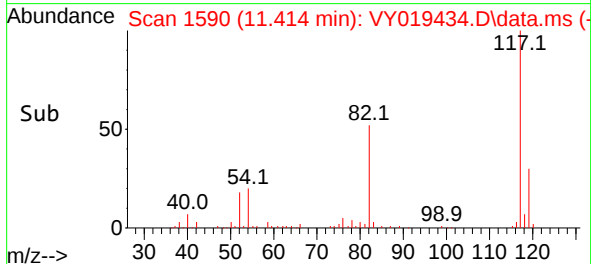
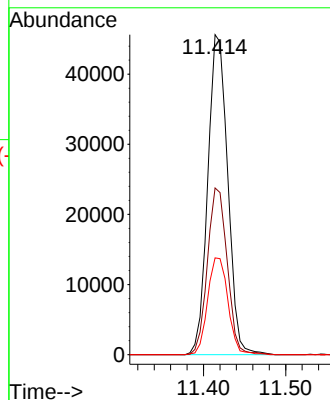
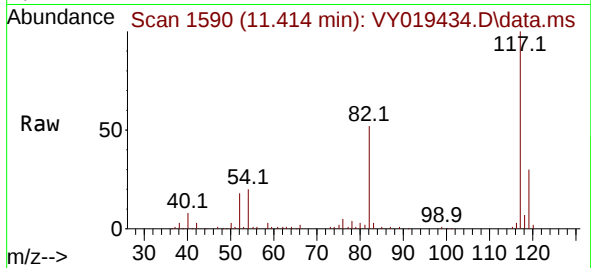




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

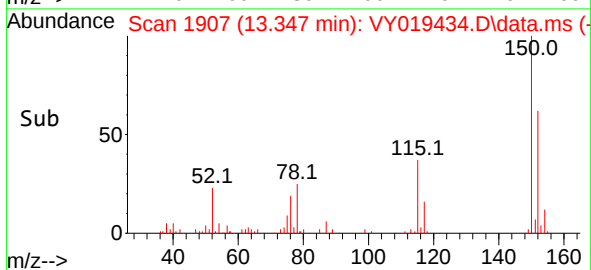
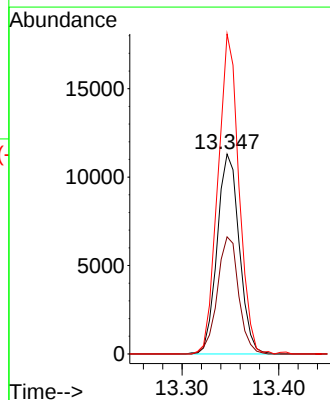
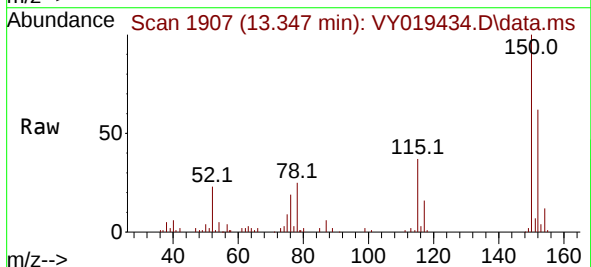
Instrument :
MSVOA_Y
ClientSampleId :

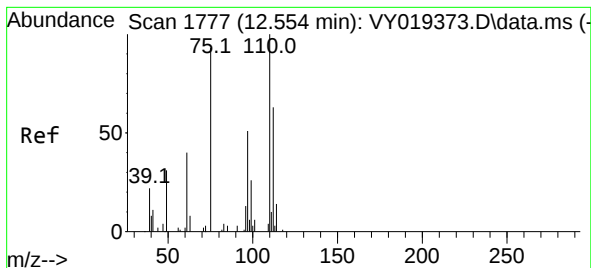
Tgt Ion:117 Resp: 76761
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 30.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

Tgt Ion:152 Resp: 17931
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 151.9 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 95.567 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019434.D

Acq: 03 Sep 2024 17:11

Instrument :

MSVOA_Y

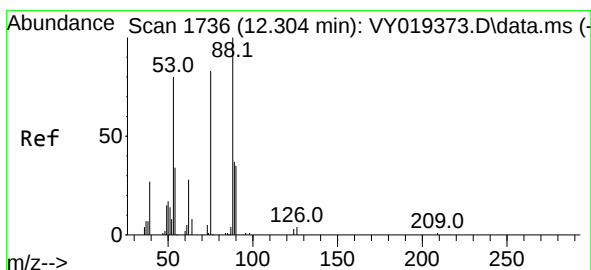
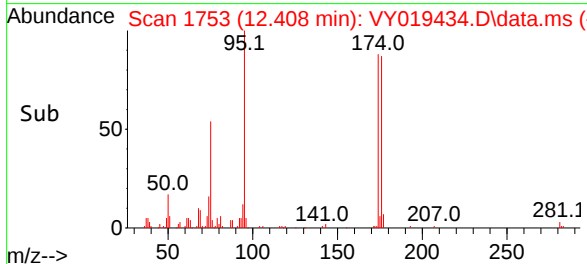
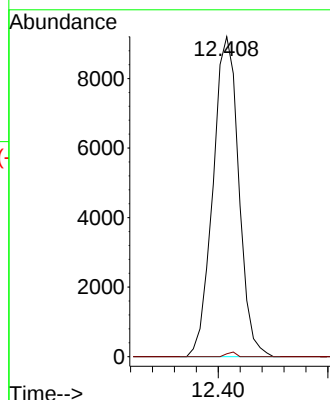
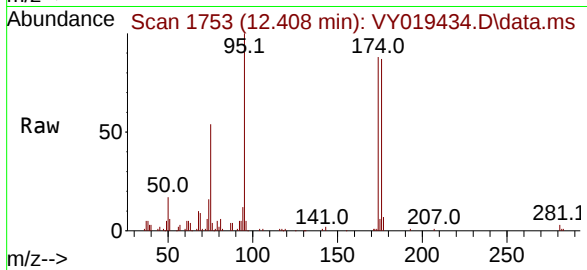
ClientSampleId :

Tgt Ion: 75 Resp: 15049

Ion Ratio Lower Upper

75 100

77 0.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 236.441 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019434.D

Acq: 03 Sep 2024 17:11

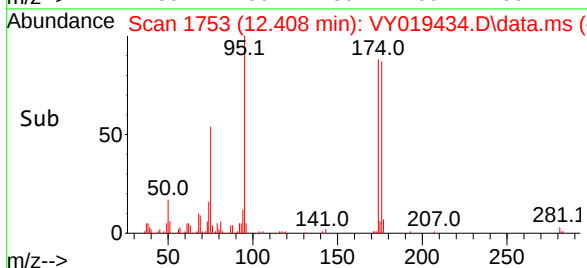
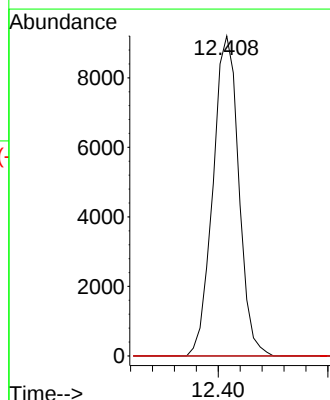
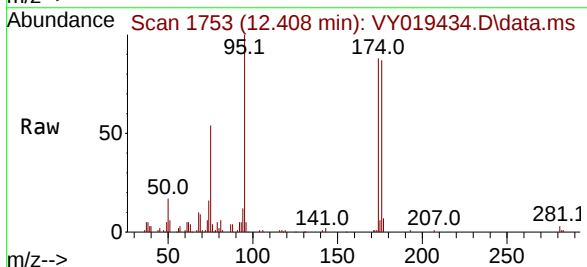
Tgt Ion: 75 Resp: 15049

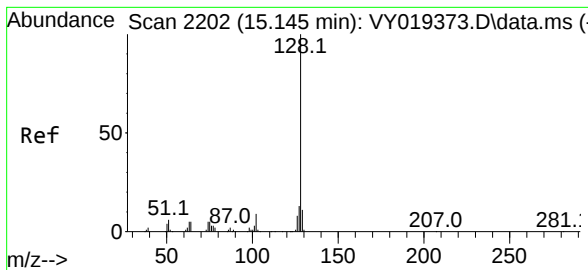
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

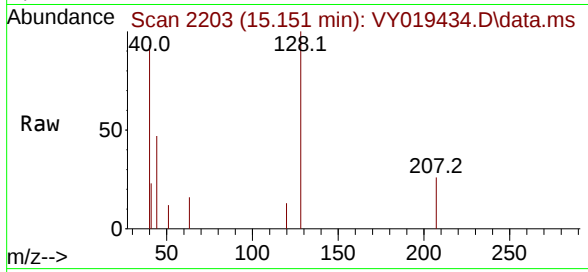
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 1.499 ug/l
 RT: 15.151 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY019434.D
 Acq: 03 Sep 2024 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	690
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

