

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039515.D
 Acq On : 28 Dec 2023 14:46
 Operator : JC/MD
 Sample : 05980-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MR-315-0-2

Quant Time: Dec 28 22:51:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

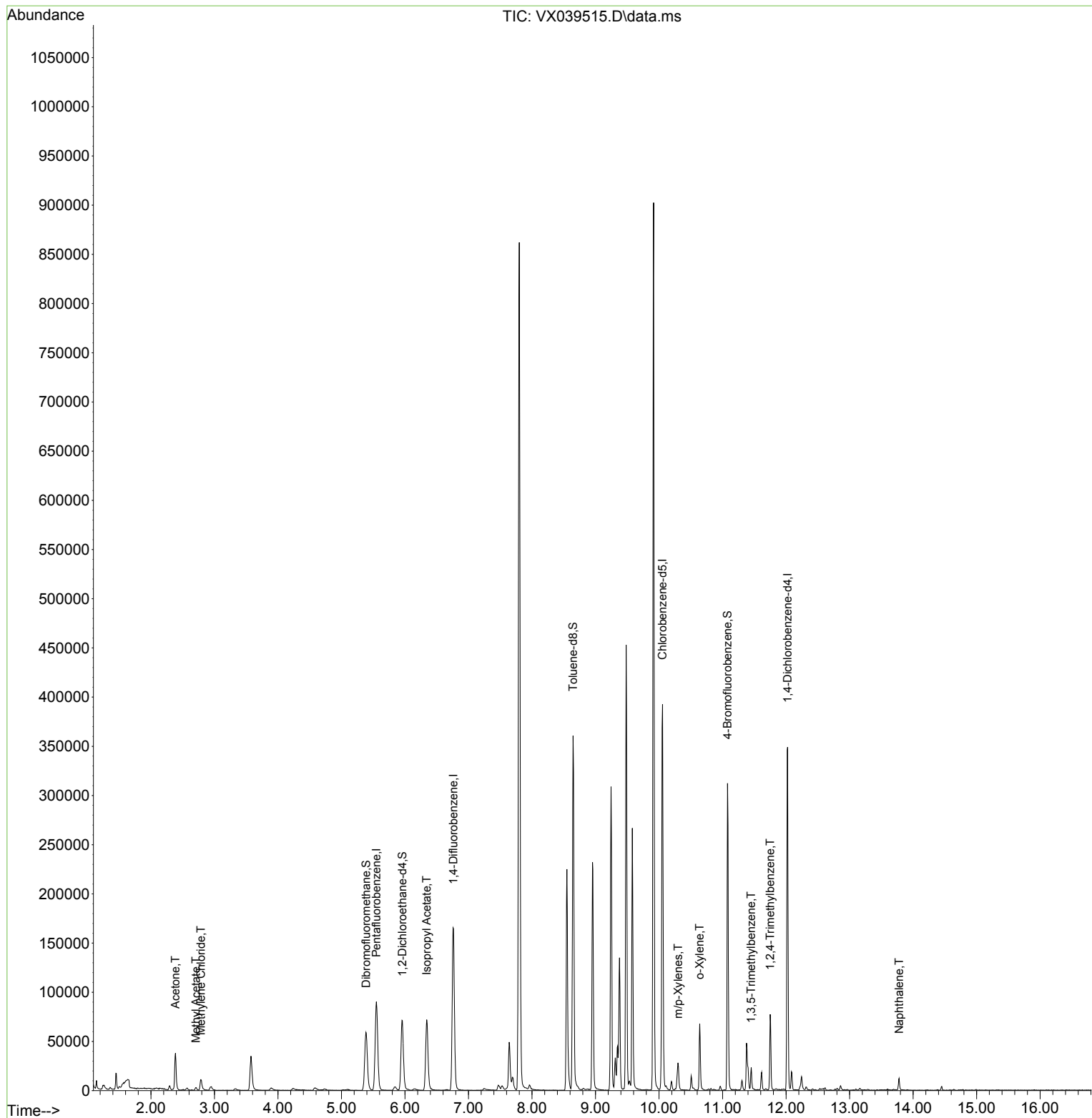
Internal Standards						
1) Pentafluorobenzene	5.550	168	77526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70498	49.639	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.280%
35) Dibromofluoromethane	5.385	113	53060	47.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.480%
50) Toluene-d8	8.647	98	208484	50.001	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.079	95	84590	49.170	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.340%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	39824	27.403	ug/l	93
18) Methyl Acetate	2.709	43	3457	1.125	ug/l	95
20) Methylene Chloride	2.788	84	5826	4.921	ug/l	91
43) Isopropyl Acetate	6.342	43	101854	28.606	ug/l	99
68) m/p-Xylenes	10.299	106	5890	2.430	ug/l	90
69) o-Xylene	10.640	106	2571	1.097	ug/l	88
80) 1,3,5-Trimethylbenzene	11.451	105	9333	2.124	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	32610	7.238	ug/l	96
95) Naphthalene	13.780	128	7534	1.541	ug/l	98

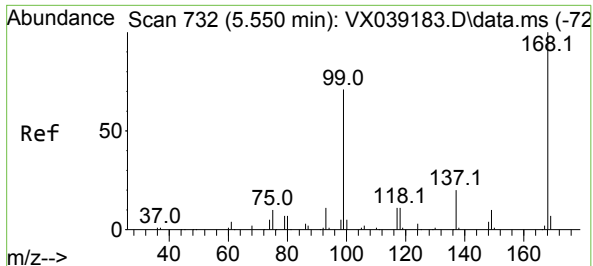
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

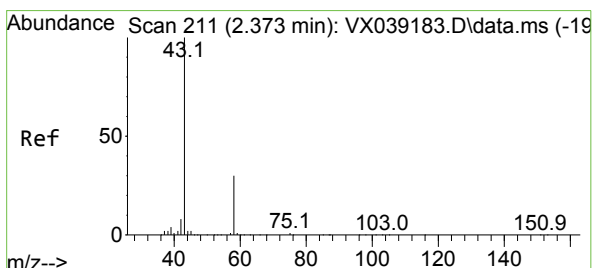
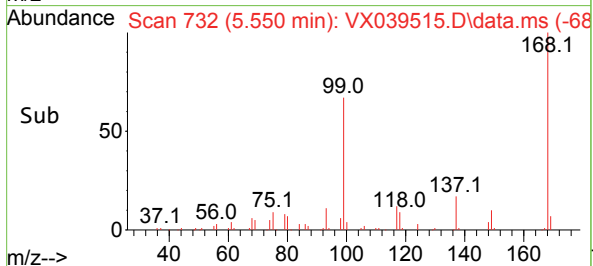
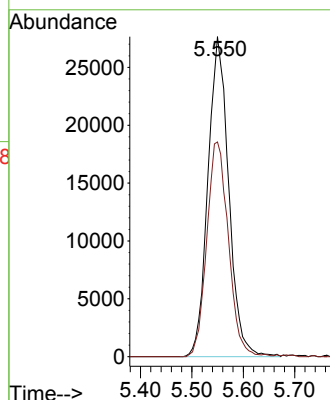
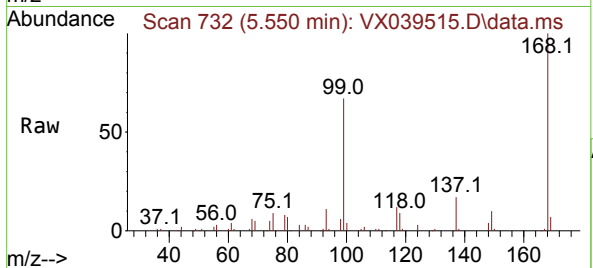




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039515.D
Acq: 28 Dec 2023 14:46

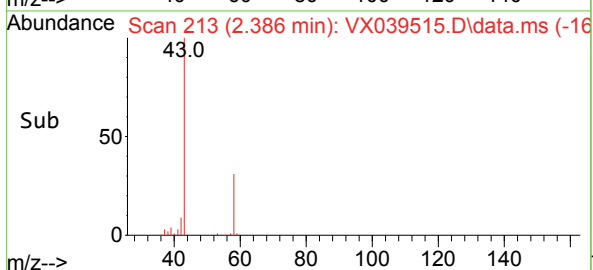
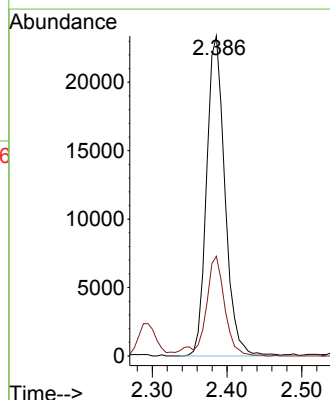
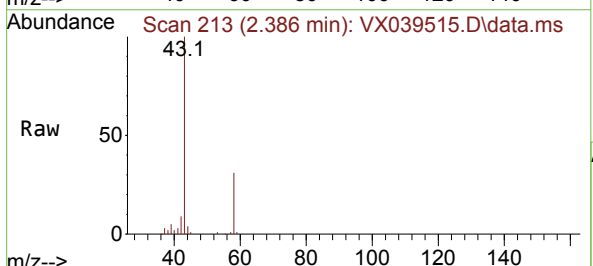
Instrument :
MSVOA_X
ClientSampleId :
MR-315-0-2

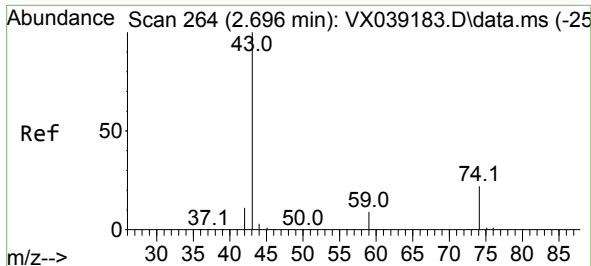
Tgt Ion:168 Resp: 77526
Ion Ratio Lower Upper
168 100
99 67.1 56.6 85.0



#16
Acetone
Concen: 27.403 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX039515.D
Acq: 28 Dec 2023 14:46

Tgt Ion: 43 Resp: 39824
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9

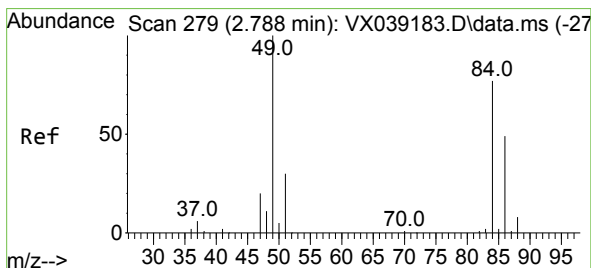
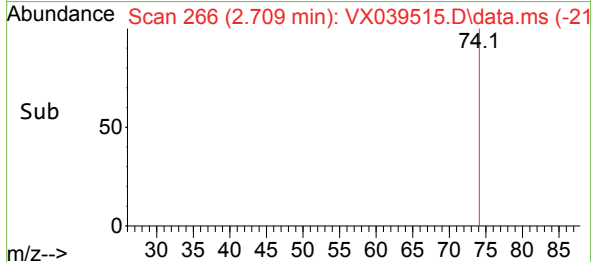
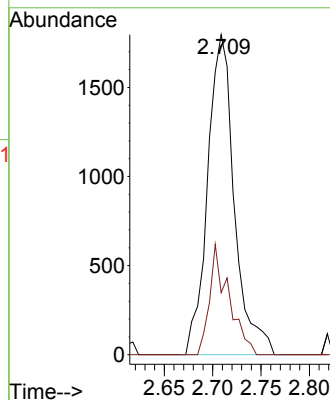
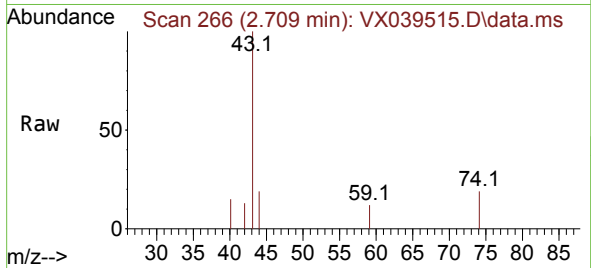




#18
Methyl Acetate
Concen: 1.125 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX039515.D
Acq: 28 Dec 2023 14:46

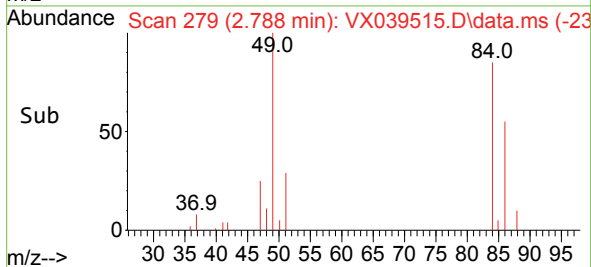
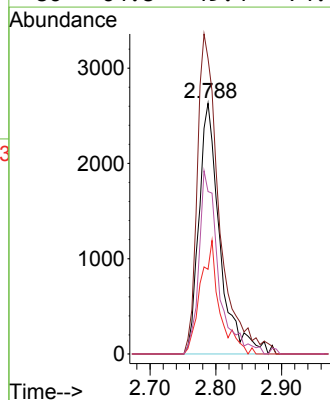
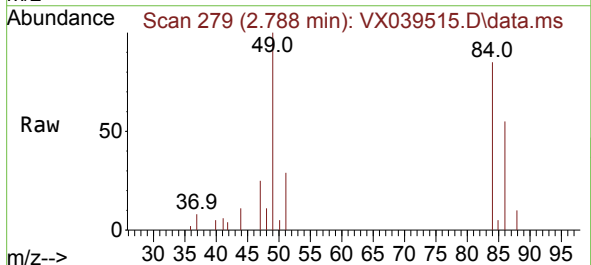
Instrument :
MSVOA_X
ClientSampleId :
MR-315-0-2

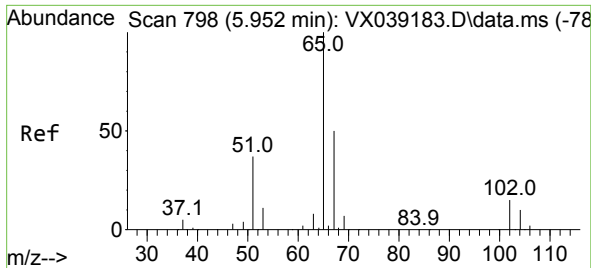
Tgt Ion: 43 Resp: 3457
Ion Ratio Lower Upper
43 100
74 24.9 17.8 26.8



#20
Methylene Chloride
Concen: 4.921 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039515.D
Acq: 28 Dec 2023 14:46

Tgt Ion: 84 Resp: 5826
Ion Ratio Lower Upper
84 100
49 117.8 103.6 155.4
51 33.8 33.8 50.6
86 64.8 49.4 74.0

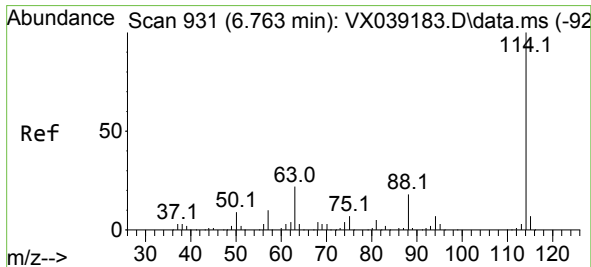
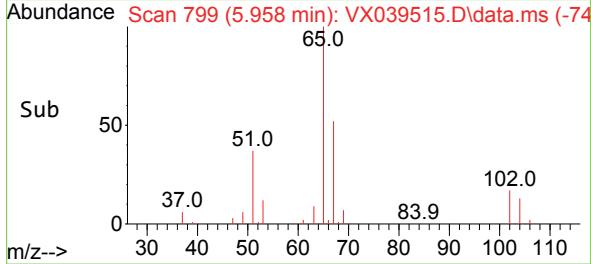
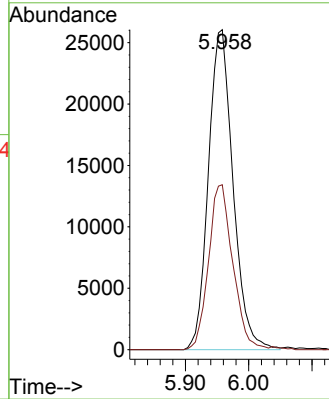
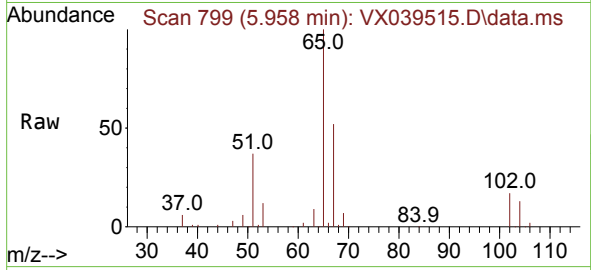




#33
 1,2-Dichloroethane-d4
 Concen: 49.639 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX039515.D
 Acq: 28 Dec 2023 14:46

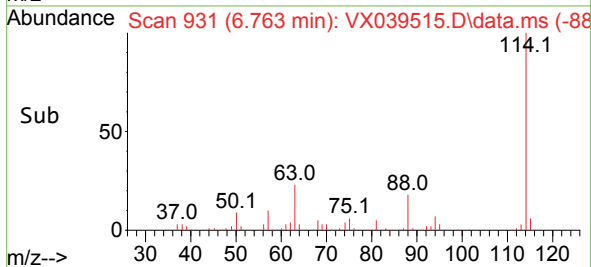
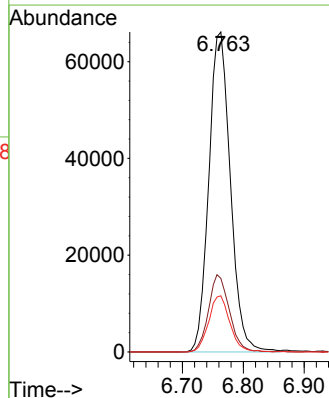
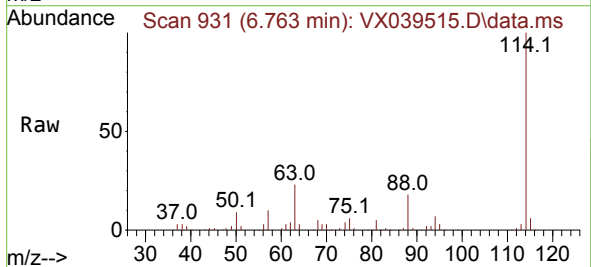
Instrument :
 MSVOA_X
 ClientSampleId :
 MR-315-0-2

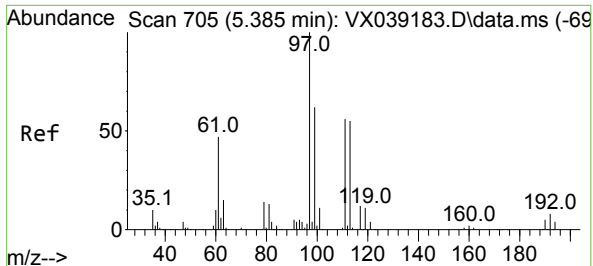
Tgt Ion: 65 Resp: 70498
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX039515.D
 Acq: 28 Dec 2023 14:46

Tgt Ion: 114 Resp: 162569
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 17.5 0.0 36.6

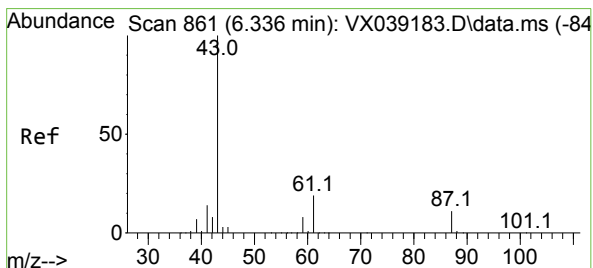
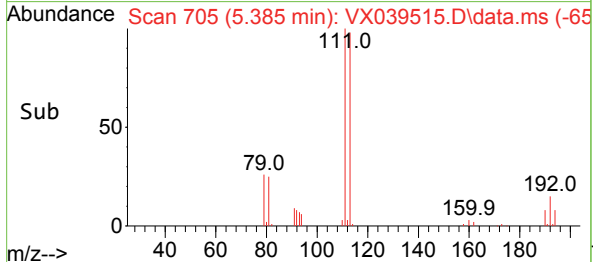
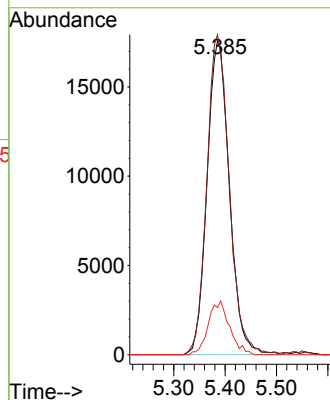
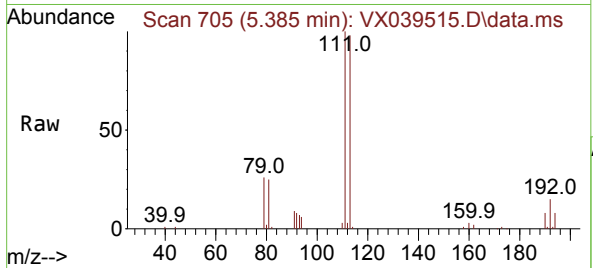




#35
Dibromofluoromethane
Concen: 47.244 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039515.D
Acq: 28 Dec 2023 14:46

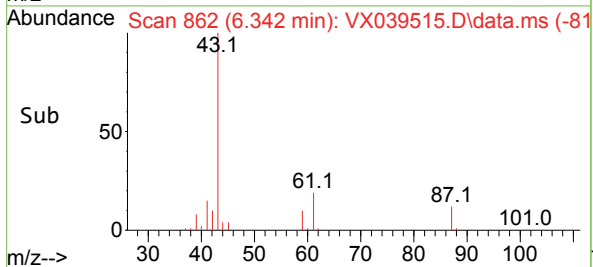
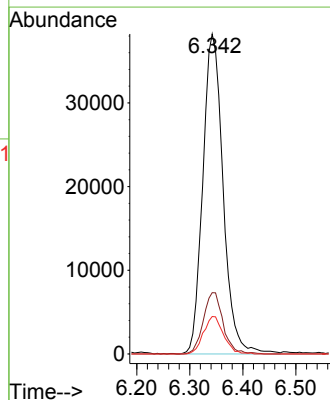
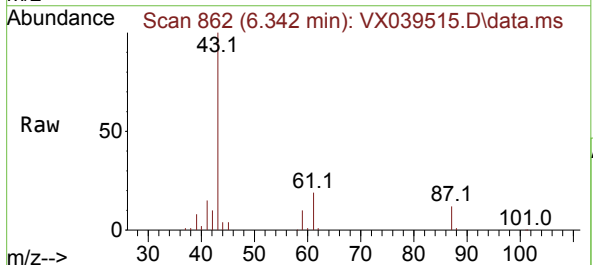
Instrument :
MSVOA_X
ClientSampleId :
MR-315-0-2

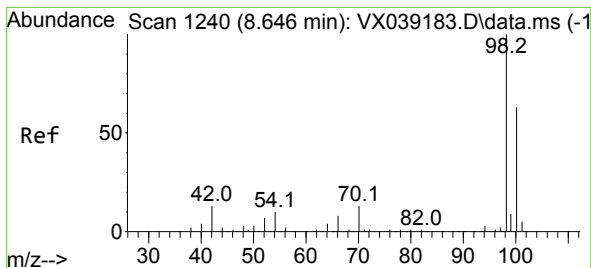
Tgt Ion:113 Resp: 53060
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 16.3 13.3 19.9



#43
Isopropyl Acetate
Concen: 28.606 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039515.D
Acq: 28 Dec 2023 14:46

Tgt Ion: 43 Resp: 101854
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 11.5 9.8 14.6





#50

Toluene-d8

Concen: 50.001 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039515.D

Acq: 28 Dec 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

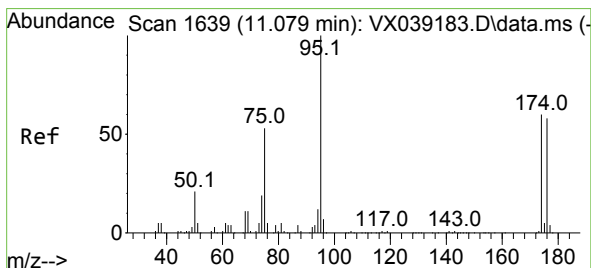
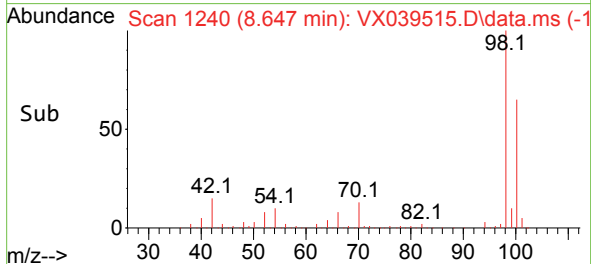
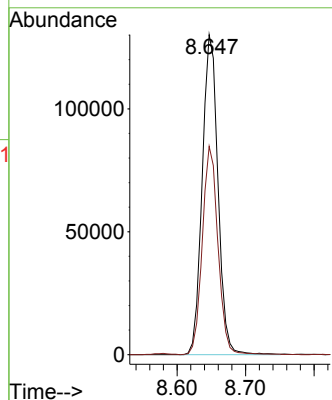
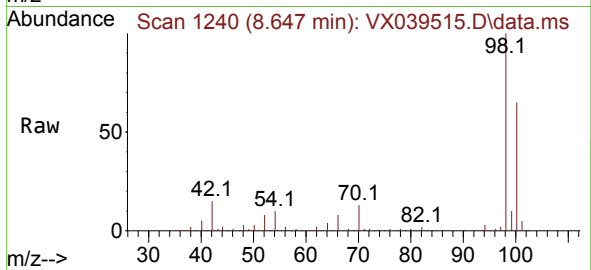
MR-315-0-2

Tgt Ion: 98 Resp: 208484

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 49.170 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039515.D

Acq: 28 Dec 2023 14:46

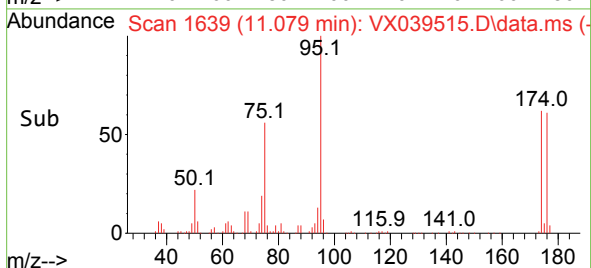
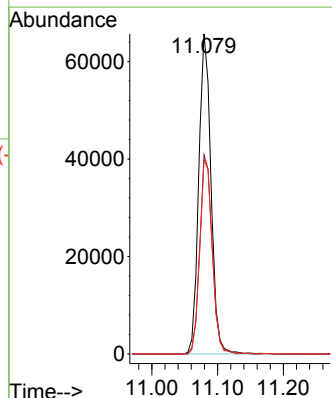
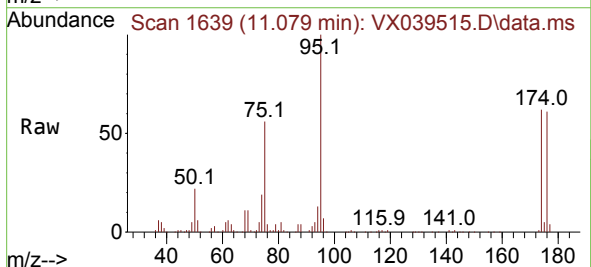
Tgt Ion: 95 Resp: 84590

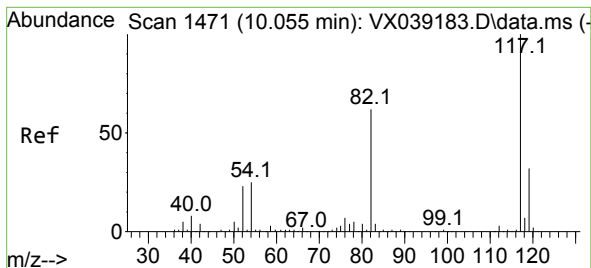
Ion Ratio Lower Upper

95 100

174 63.3 0.0 135.6

176 61.7 0.0 131.0

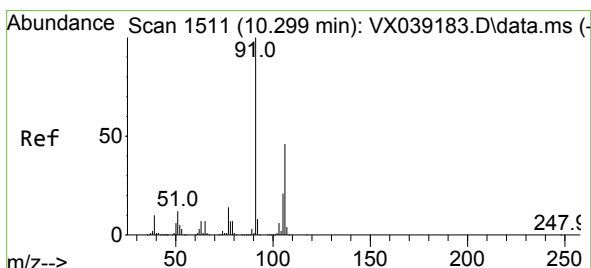
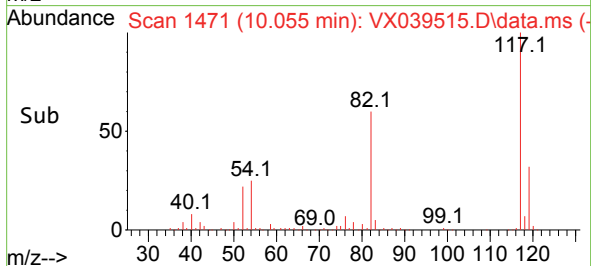
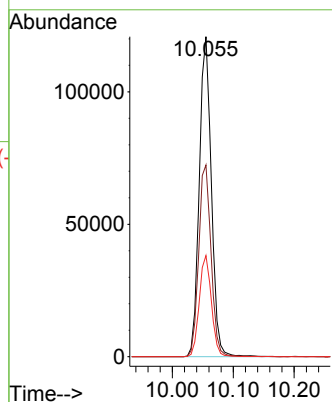
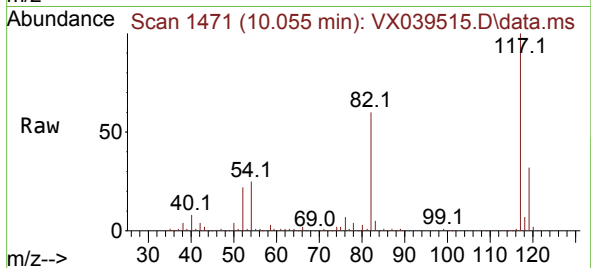




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039515.D
Acq: 28 Dec 2023 14:46

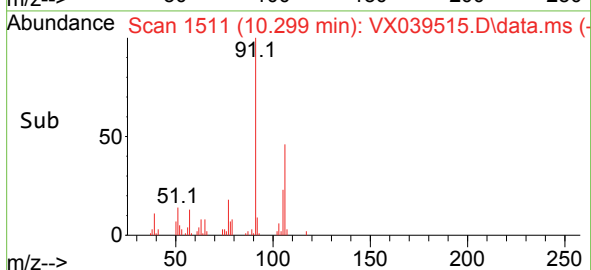
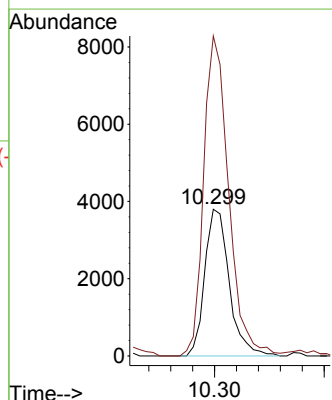
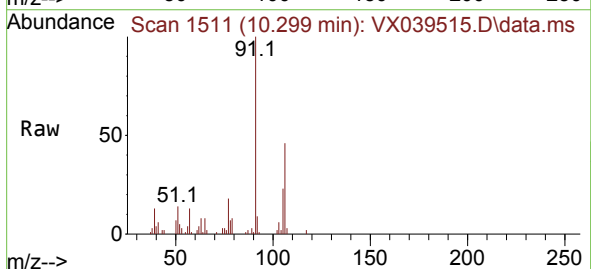
Instrument :
MSVOA_X
ClientSampleId :
MR-315-0-2

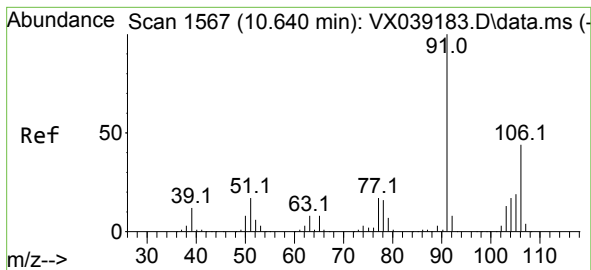
Tgt Ion:117 Resp: 166378
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 2.430 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039515.D
Acq: 28 Dec 2023 14:46

Tgt Ion:106 Resp: 5890
Ion Ratio Lower Upper
106 100
91 222.2 165.5 248.3





#69

o-Xylene

Concen: 1.097 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039515.D

Acq: 28 Dec 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

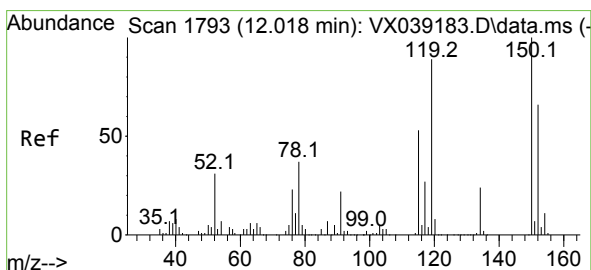
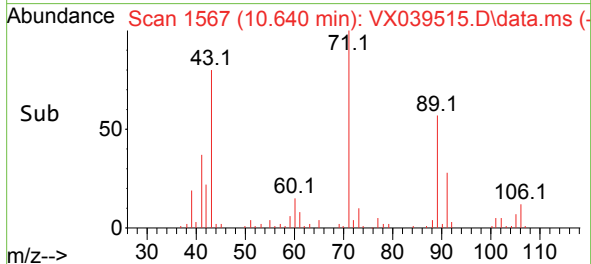
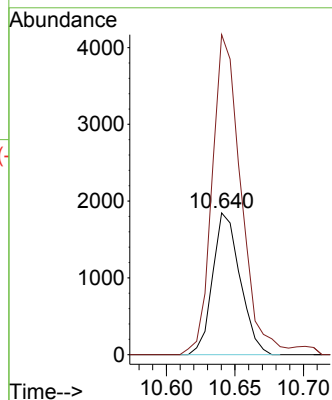
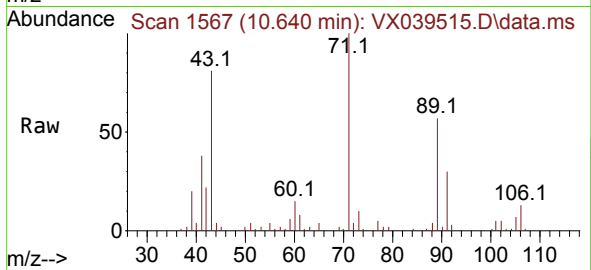
MR-315-0-2

Tgt Ion:106 Resp: 2571

Ion Ratio Lower Upper

106 100

91 236.6 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039515.D

Acq: 28 Dec 2023 14:46

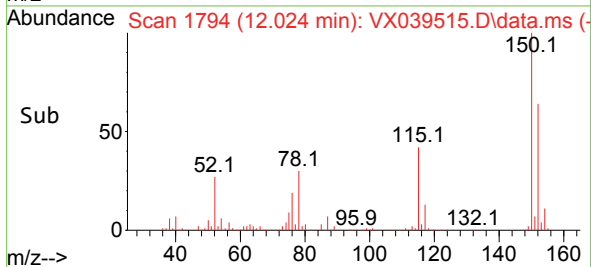
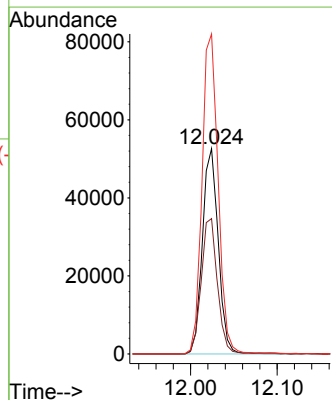
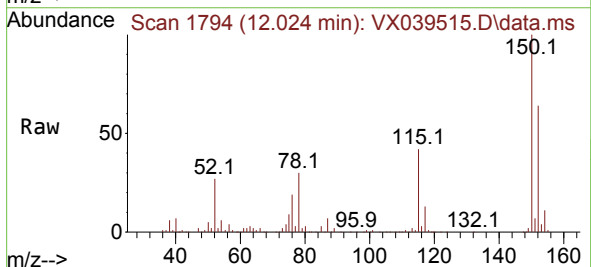
Tgt Ion:152 Resp: 66839

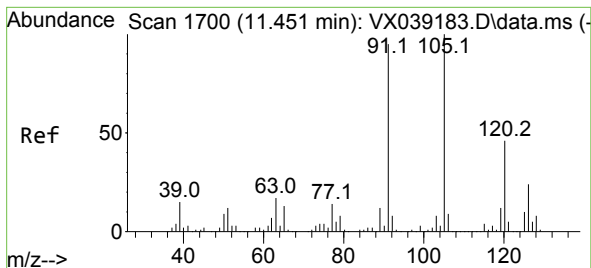
Ion Ratio Lower Upper

152 100

115 67.3 43.3 129.9

150 158.7 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 2.124 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039515.D

Acq: 28 Dec 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

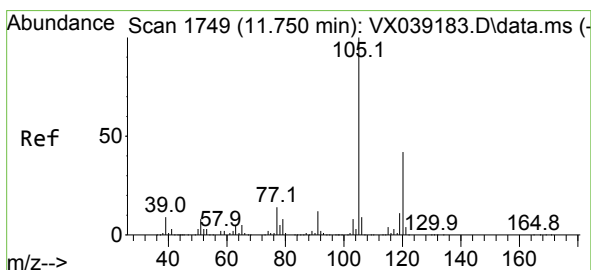
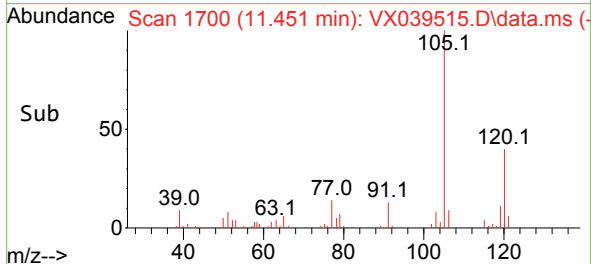
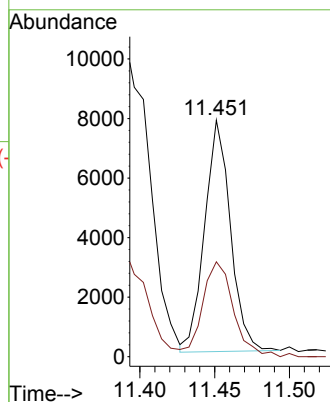
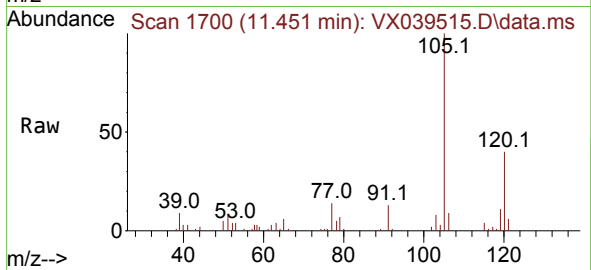
MR-315-0-2

Tgt Ion:105 Resp: 9333

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 7.238 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039515.D

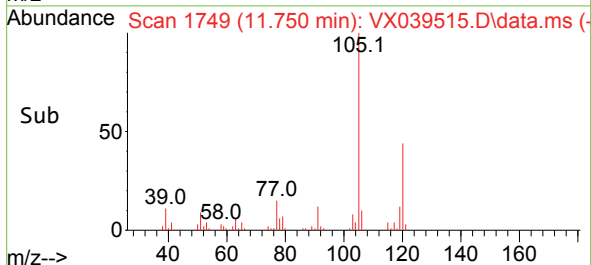
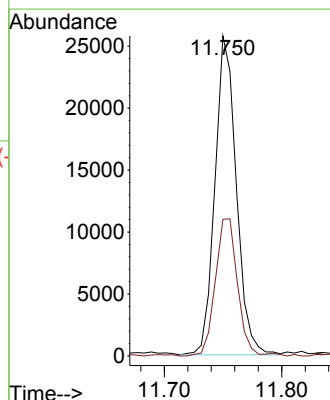
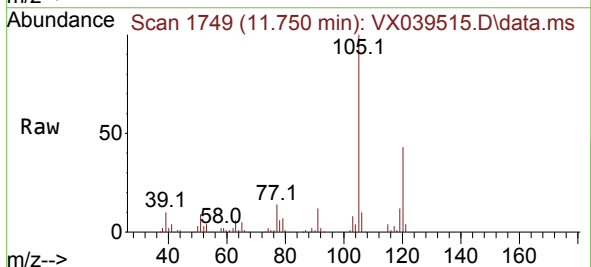
Acq: 28 Dec 2023 14:46

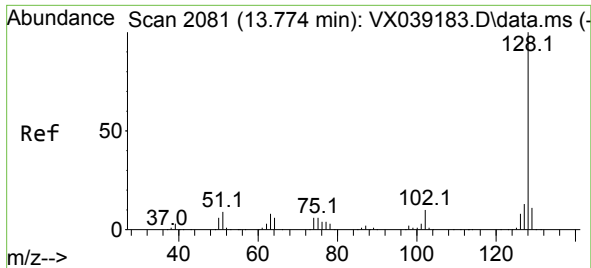
Tgt Ion:105 Resp: 32610

Ion Ratio Lower Upper

105 100

120 44.9 21.2 63.6





#95

Naphthalene

Concen: 1.541 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX039515.D

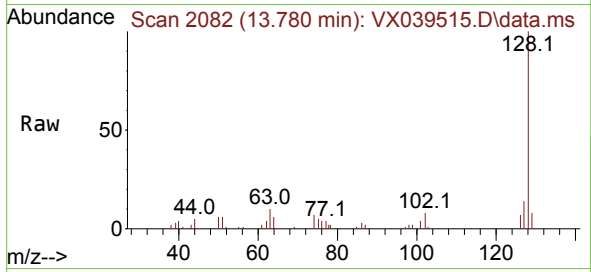
Acq: 28 Dec 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

MR-315-0-2



Tgt Ion:128 Resp: 7534

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 9.8 8.8 13.2

