

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017319.D
 Acq On : 08 Feb 2024 17:46
 Operator : SY/MD
 Sample : P1378-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:15:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

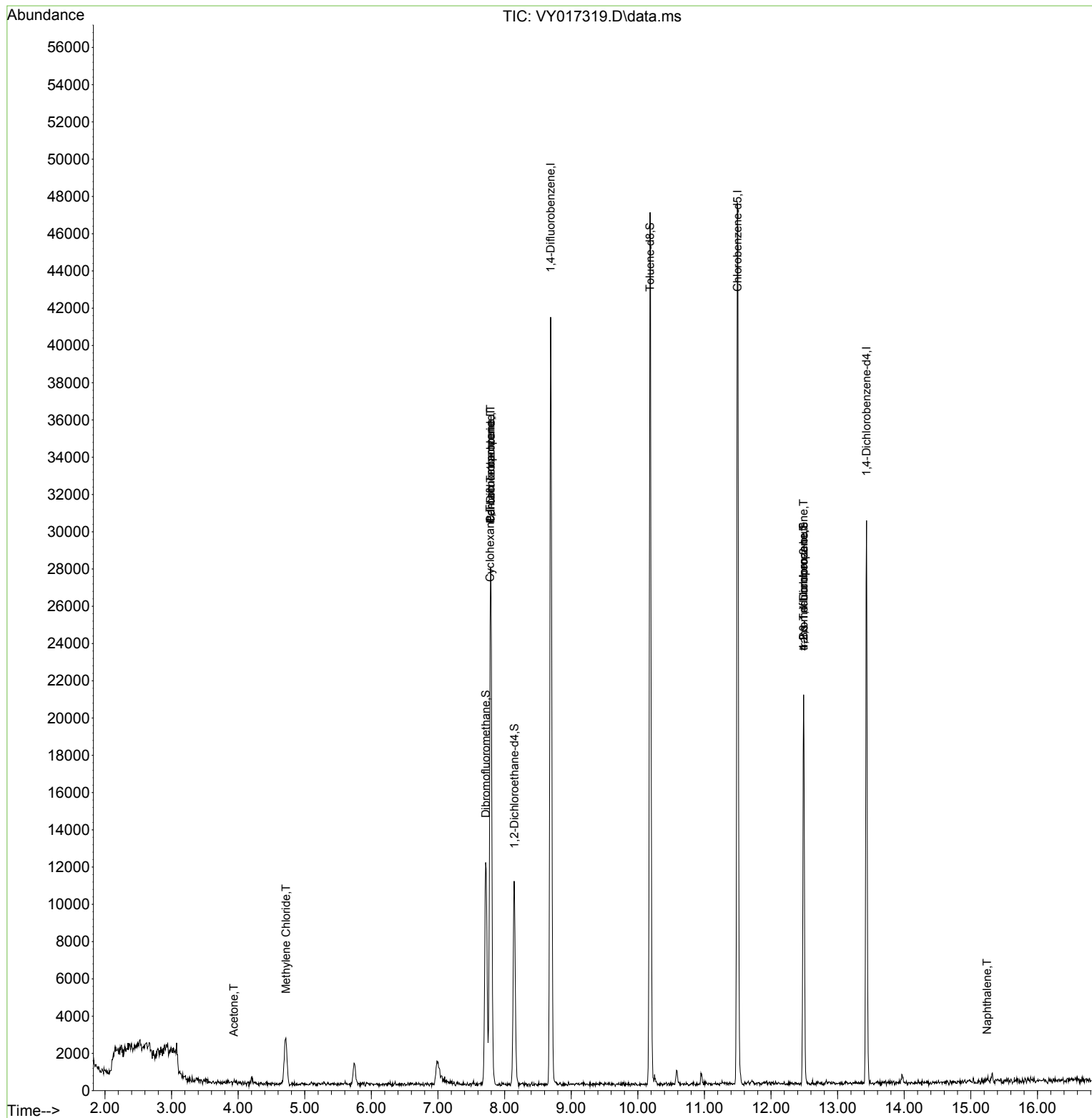
Internal Standards						
1) Pentafluorobenzene	7.789	168	21564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	35464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	26605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	7325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	8441	43.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.640%
35) Dibromofluoromethane	7.716	113	9203	48.062	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.185	98	30864	44.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.540%
62) 4-Bromofluorobenzene	12.489	95	6402	28.032	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	26	Below Cal	#	75
16) Acetone	3.936	43	136	2.402	ug/l #	41
20) Methylene Chloride	4.716	84	1965	5.345	ug/l #	86
31) Cyclohexane	7.783	56	579	1.491	ug/l #	68
36) 1,1-Dichloropropene	7.789	75	1963	5.943	ug/l #	43
38) Carbon Tetrachloride	7.789	117	2167	6.852	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	3521	52.079	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	3521	108.214	ug/l #	12
95) Naphthalene	15.245	128	75	3.784	ug/l #	69

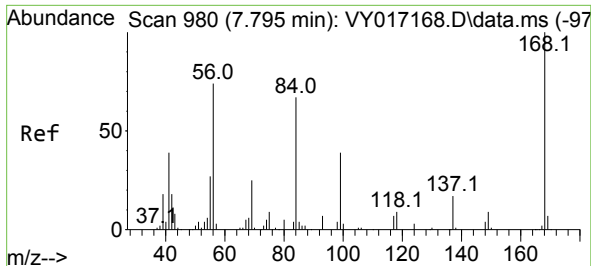
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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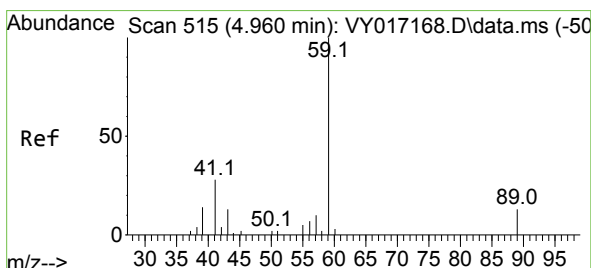
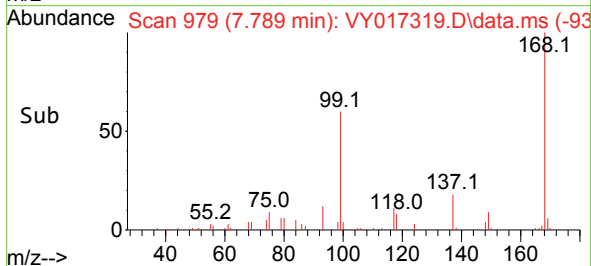
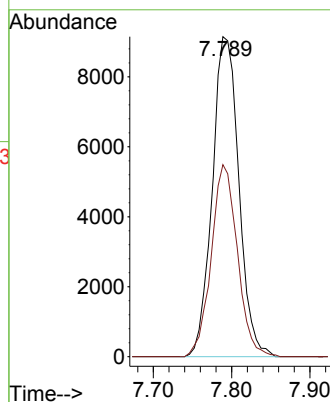
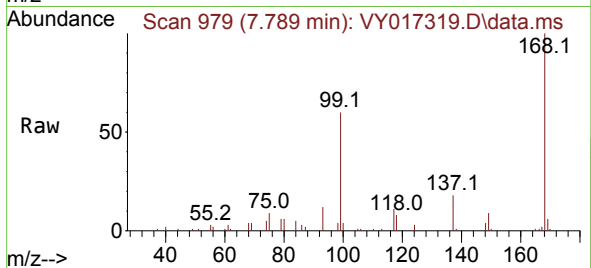




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017319.D
Acq: 08 Feb 2024 17:46

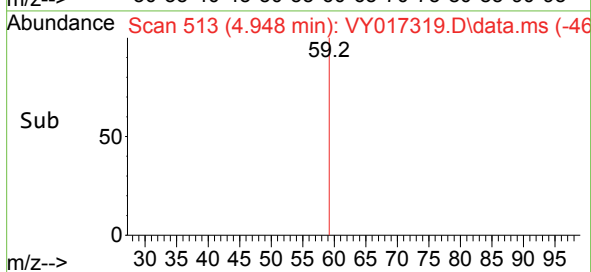
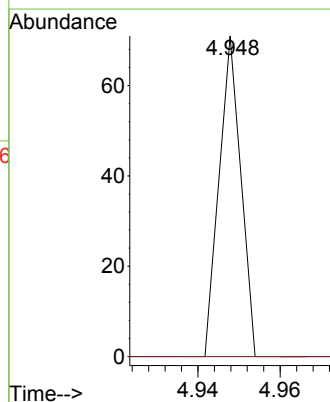
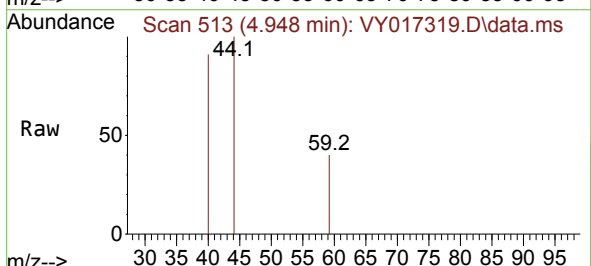
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 21564
Ion Ratio Lower Upper
168 100
99 60.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY017319.D
Acq: 08 Feb 2024 17:46

Tgt Ion: 59 Resp: 26
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 2.402 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY017319.D

Acq: 08 Feb 2024 17:46

Instrument :

MSVOA_Y

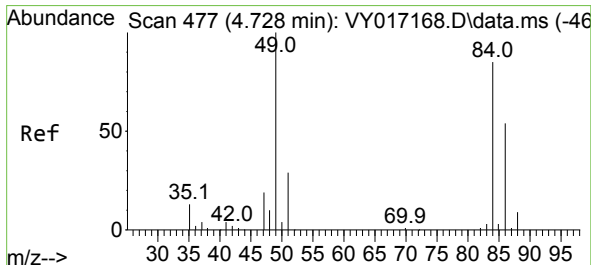
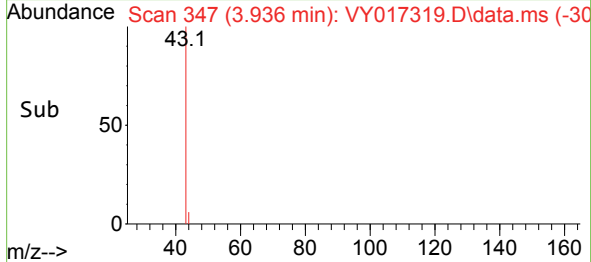
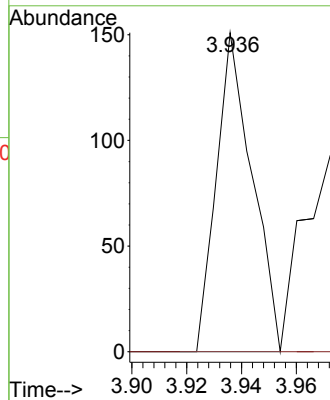
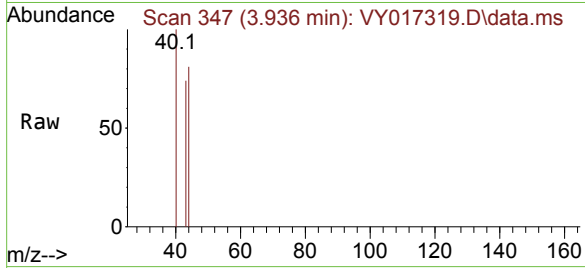
ClientSampleId :

Tgt Ion: 43 Resp: 136

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#20

Methylene Chloride

Concen: 5.345 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.012 min

Lab File: VY017319.D

Acq: 08 Feb 2024 17:46

Tgt Ion: 84 Resp: 1965

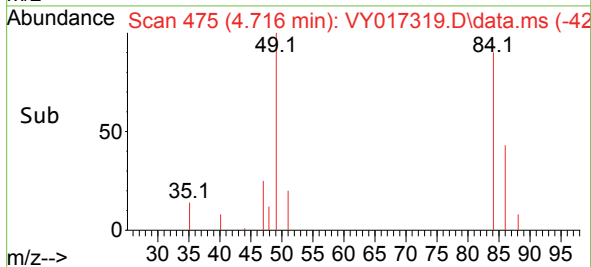
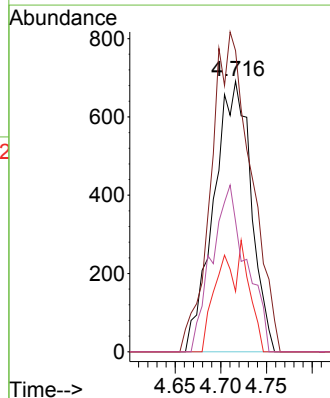
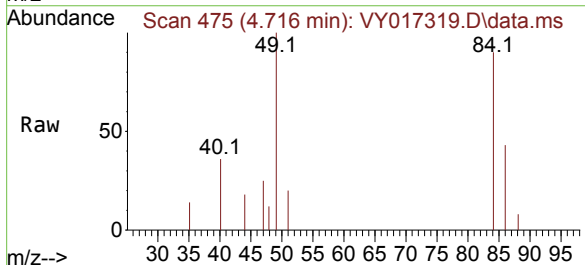
Ion Ratio Lower Upper

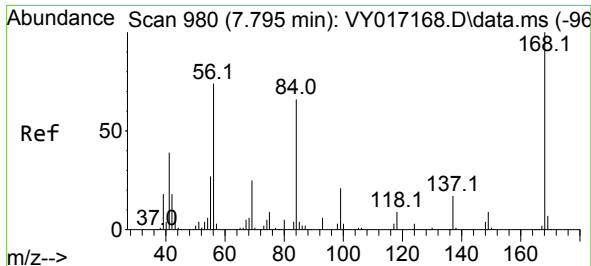
84 100

49 111.3 95.2 142.8

51 22.3 29.9 44.9#

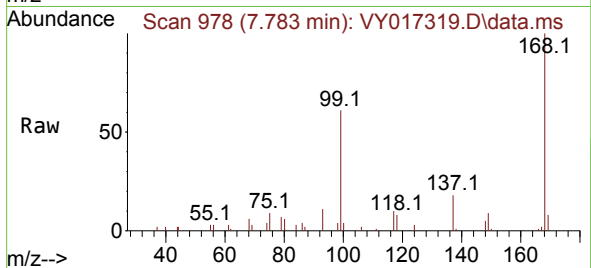
86 48.2 52.2 78.4#



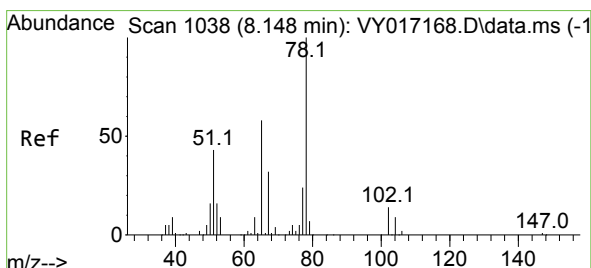
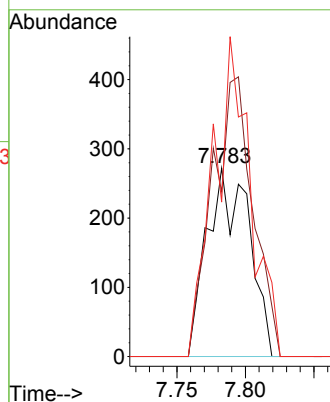
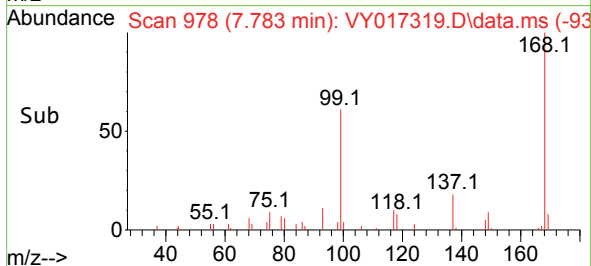


#31
Cyclohexane
Concen: 1.491 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017319.D
Acq: 08 Feb 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :

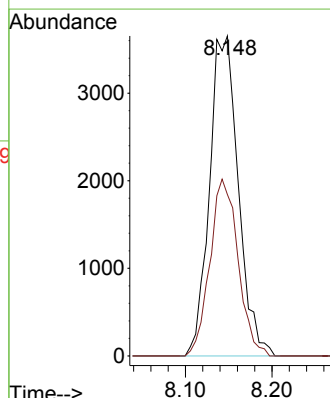
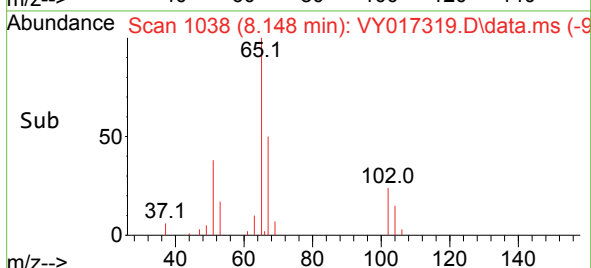
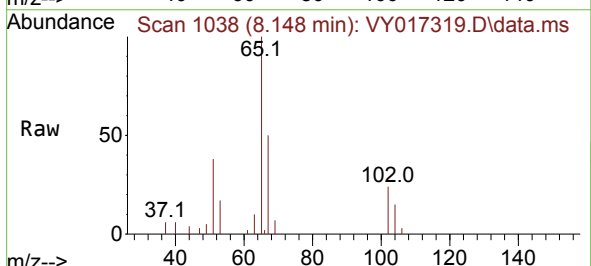


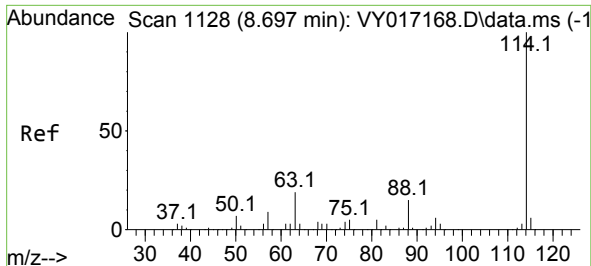
Tgt Ion: 56 Resp: 579
Ion Ratio Lower Upper
56 100
69 87.5 27.0 40.6#
84 82.0 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 43.818 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017319.D
Acq: 08 Feb 2024 17:46

Tgt Ion: 65 Resp: 8441
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017319.D

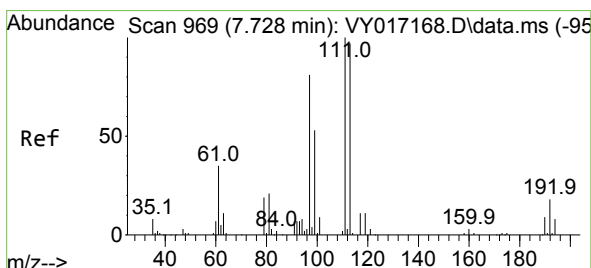
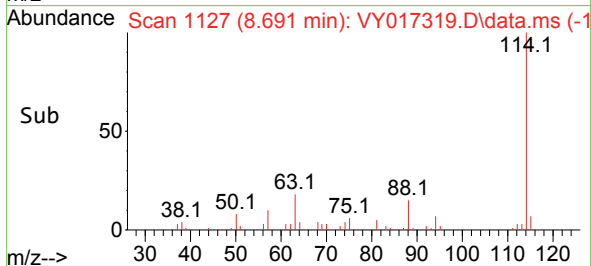
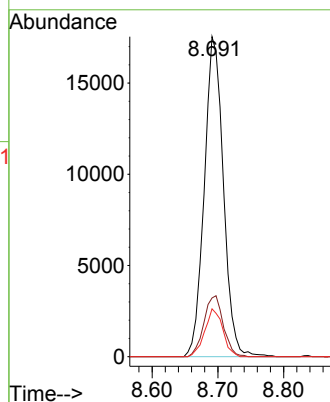
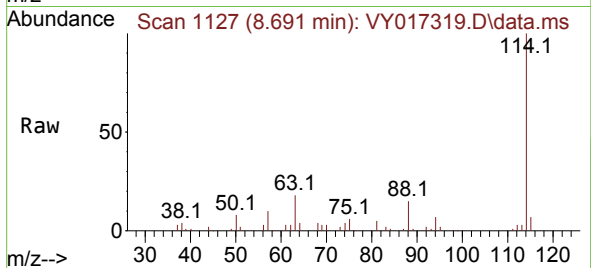
Acq: 08 Feb 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	35464
Ion Ratio	Lower	Upper
114	100	
63	18.3	0.0 37.4
88	15.0	0.0 29.0



#35

Dibromofluoromethane

Concen: 48.062 ug/l

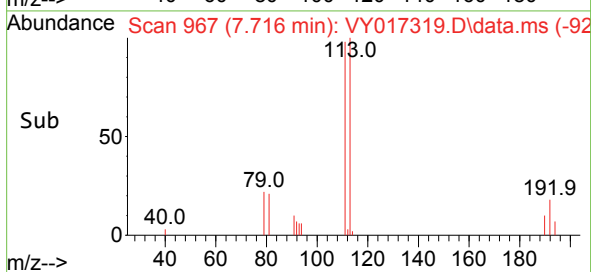
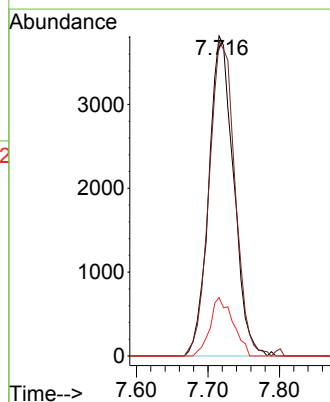
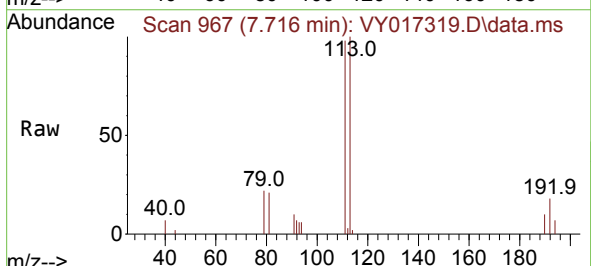
RT: 7.716 min Scan# 967

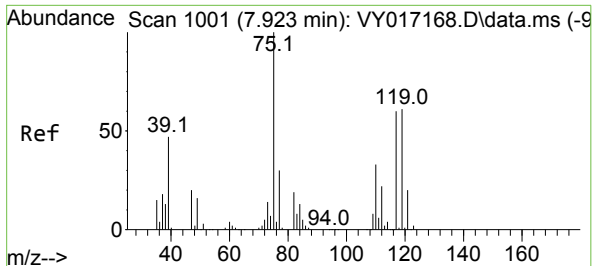
Delta R.T. -0.012 min

Lab File: VY017319.D

Acq: 08 Feb 2024 17:46

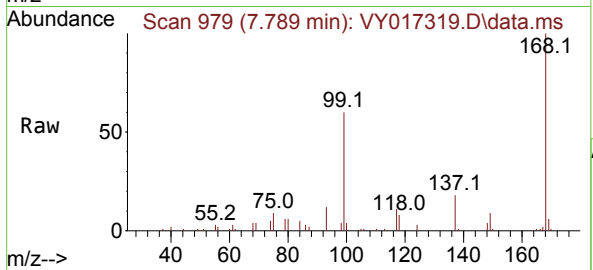
Tgt Ion:113	Resp:	9203
Ion Ratio	Lower	Upper
113	100	
111	102.5	83.8 125.6
192	16.9	14.5 21.7



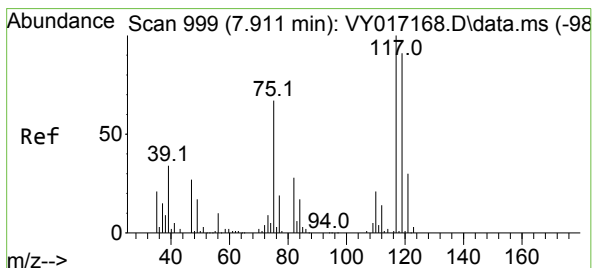
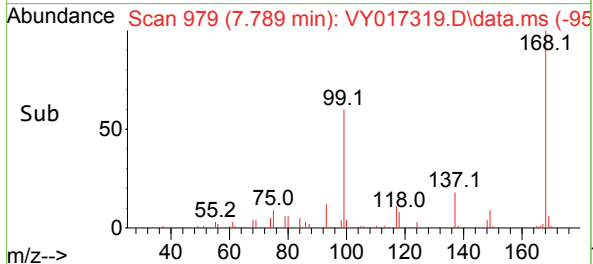
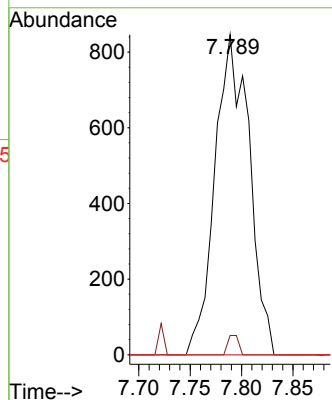


#36
 1,1-Dichloropropene
 Concen: 5.943 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY017319.D
 Acq: 08 Feb 2024 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :

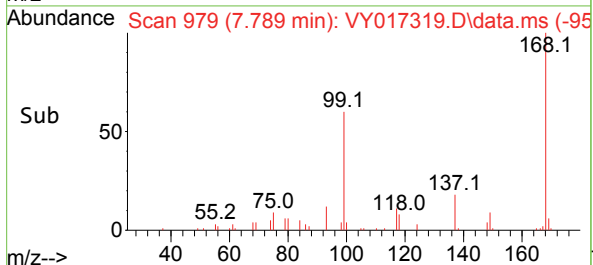
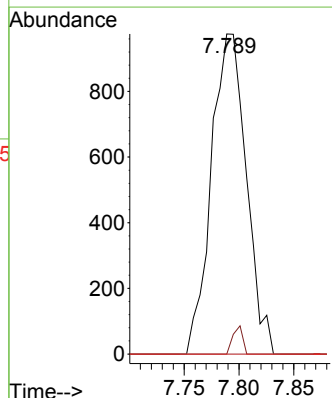
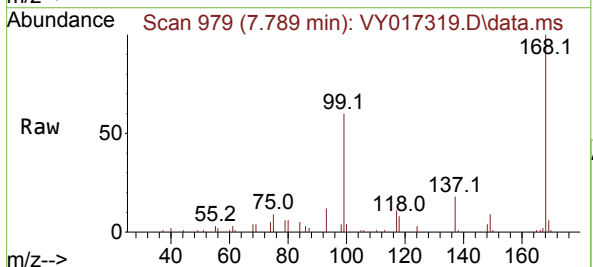


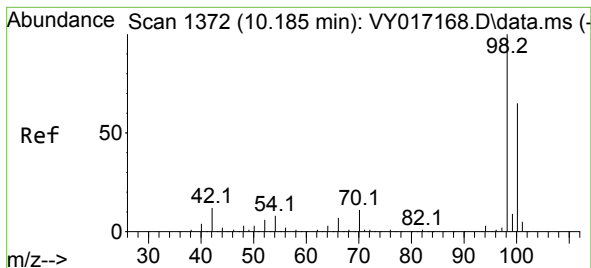
Tgt Ion: 75 Resp: 1963
 Ion Ratio Lower Upper
 75 100
 110 1.9 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.852 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY017319.D
 Acq: 08 Feb 2024 17:46

Tgt Ion: 117 Resp: 2167
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 44.270 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017319.D

Acq: 08 Feb 2024 17:46

Instrument :

MSVOA_Y

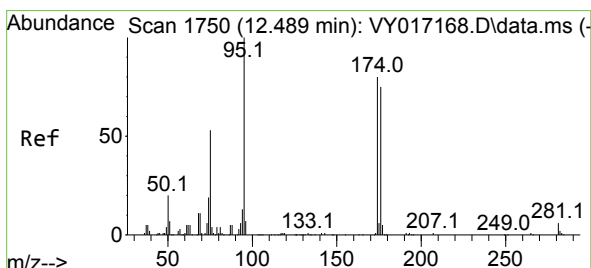
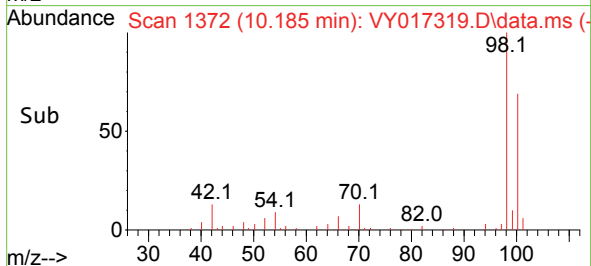
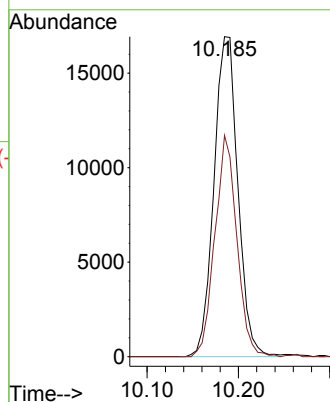
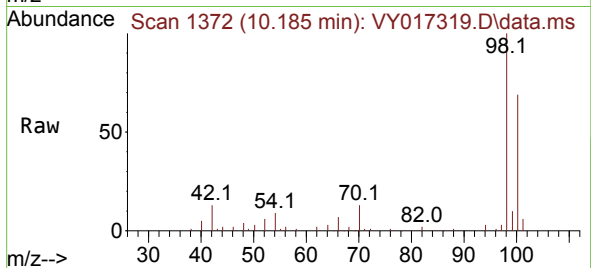
ClientSampleId :

Tgt Ion: 98 Resp: 30864

Ion Ratio Lower Upper

98 100

100 63.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 28.032 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017319.D

Acq: 08 Feb 2024 17:46

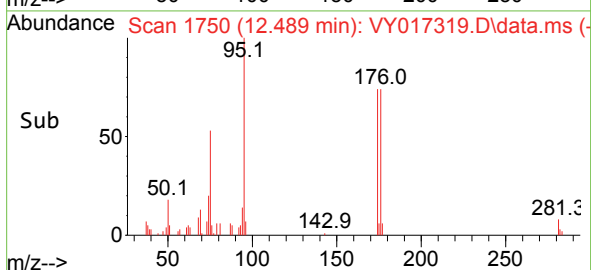
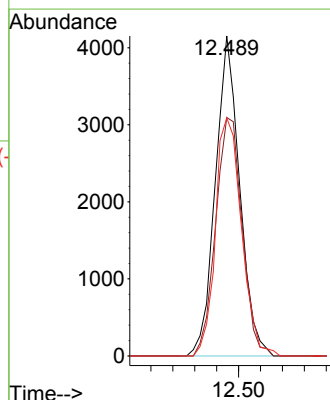
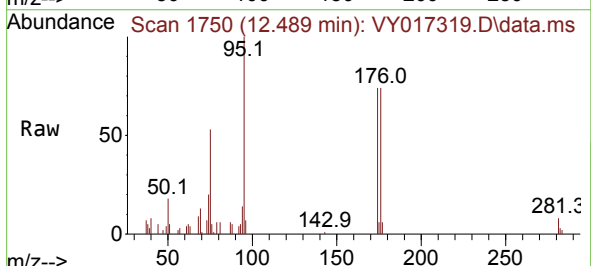
Tgt Ion: 95 Resp: 6402

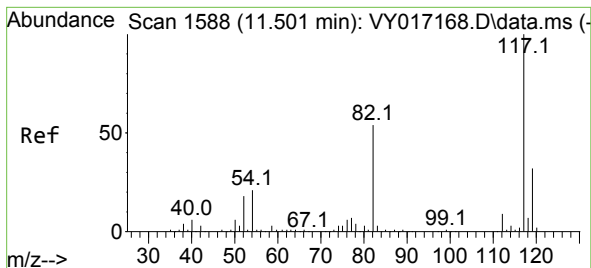
Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.0

176 79.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017319.D

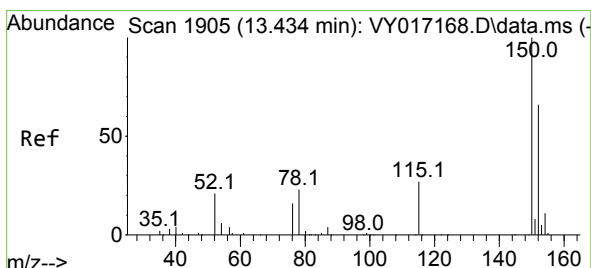
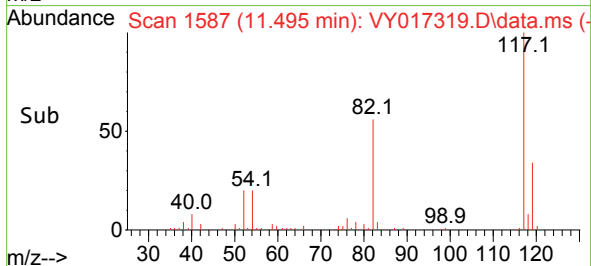
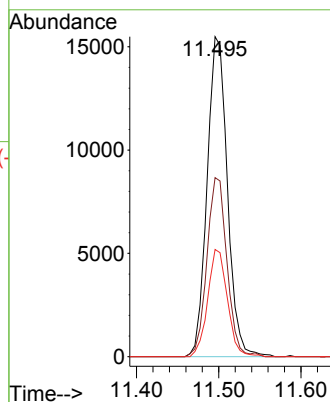
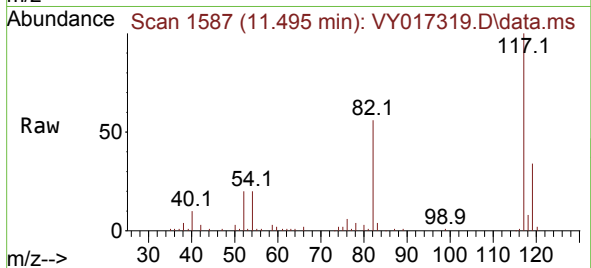
Acq: 08 Feb 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	26605
Ion Ratio	Lower	Upper
117	100	
82	56.0	43.8 65.8
119	33.5	26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

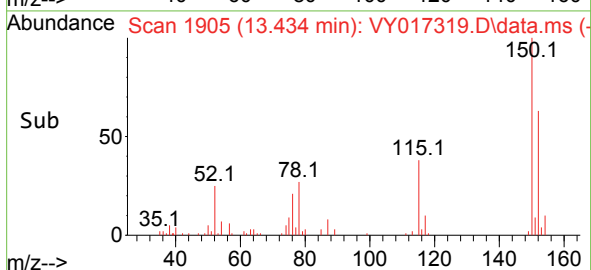
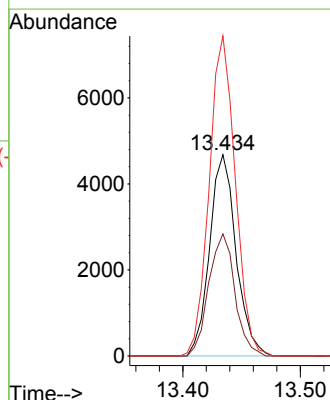
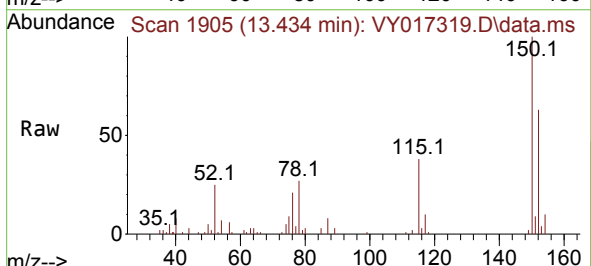
RT: 13.434 min Scan# 1905

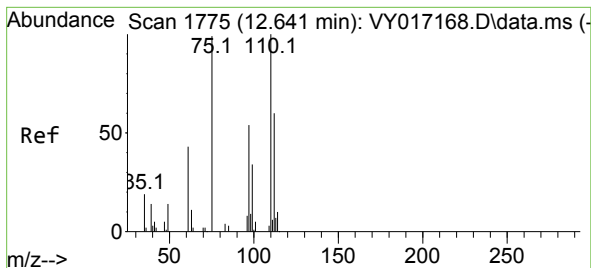
Delta R.T. 0.000 min

Lab File: VY017319.D

Acq: 08 Feb 2024 17:46

Tgt Ion:152	Resp:	7325
Ion Ratio	Lower	Upper
152	100	
115	59.9	30.0 90.0
150	156.6	0.0 344.6

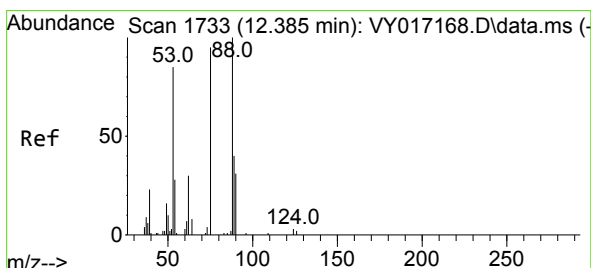
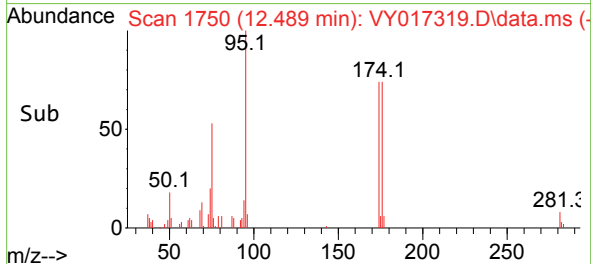
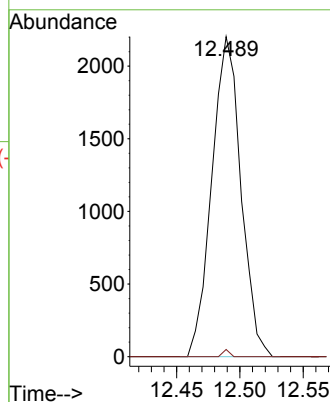
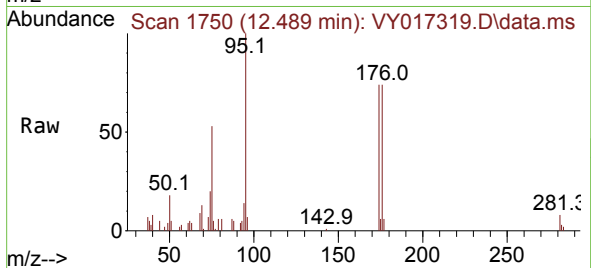




#76
1,2,3-Trichloropropane
Concen: 52.079 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017319.D
Acq: 08 Feb 2024 17:46

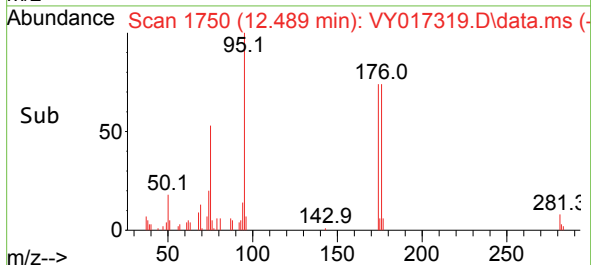
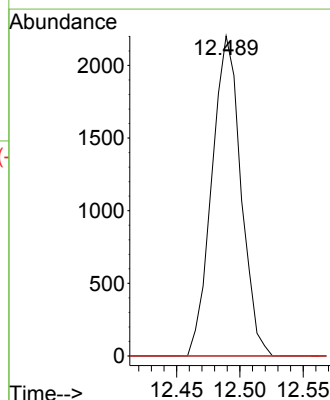
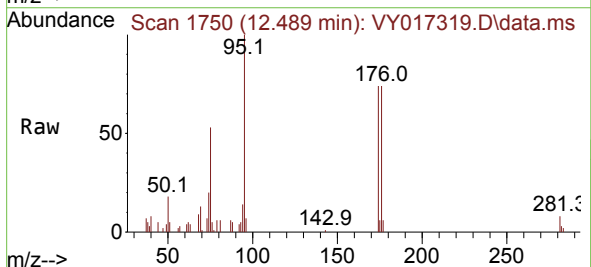
Instrument :
MSVOA_Y
ClientSampleId :

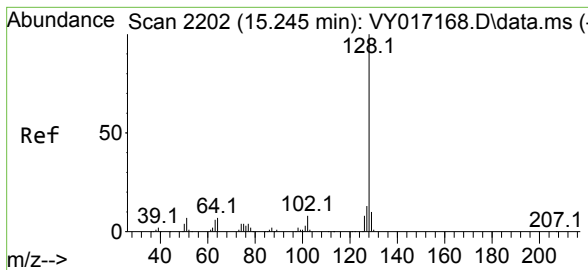
Tgt Ion: 75 Resp: 3521
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.214 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017319.D
Acq: 08 Feb 2024 17:46

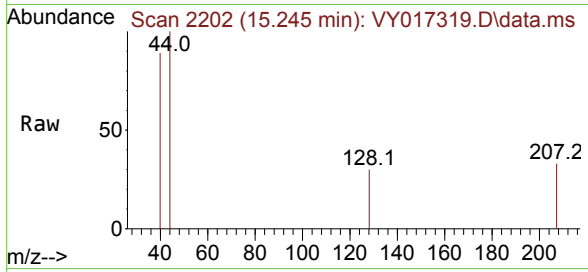
Tgt Ion: 75 Resp: 3521
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
 Naphthalene
 Concen: 3.784 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY017319.D
 Acq: 08 Feb 2024 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	75
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

