

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016973.D
 Acq On : 10 Jan 2024 15:13
 Operator : SY/MD
 Sample : P1097-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 00:13:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

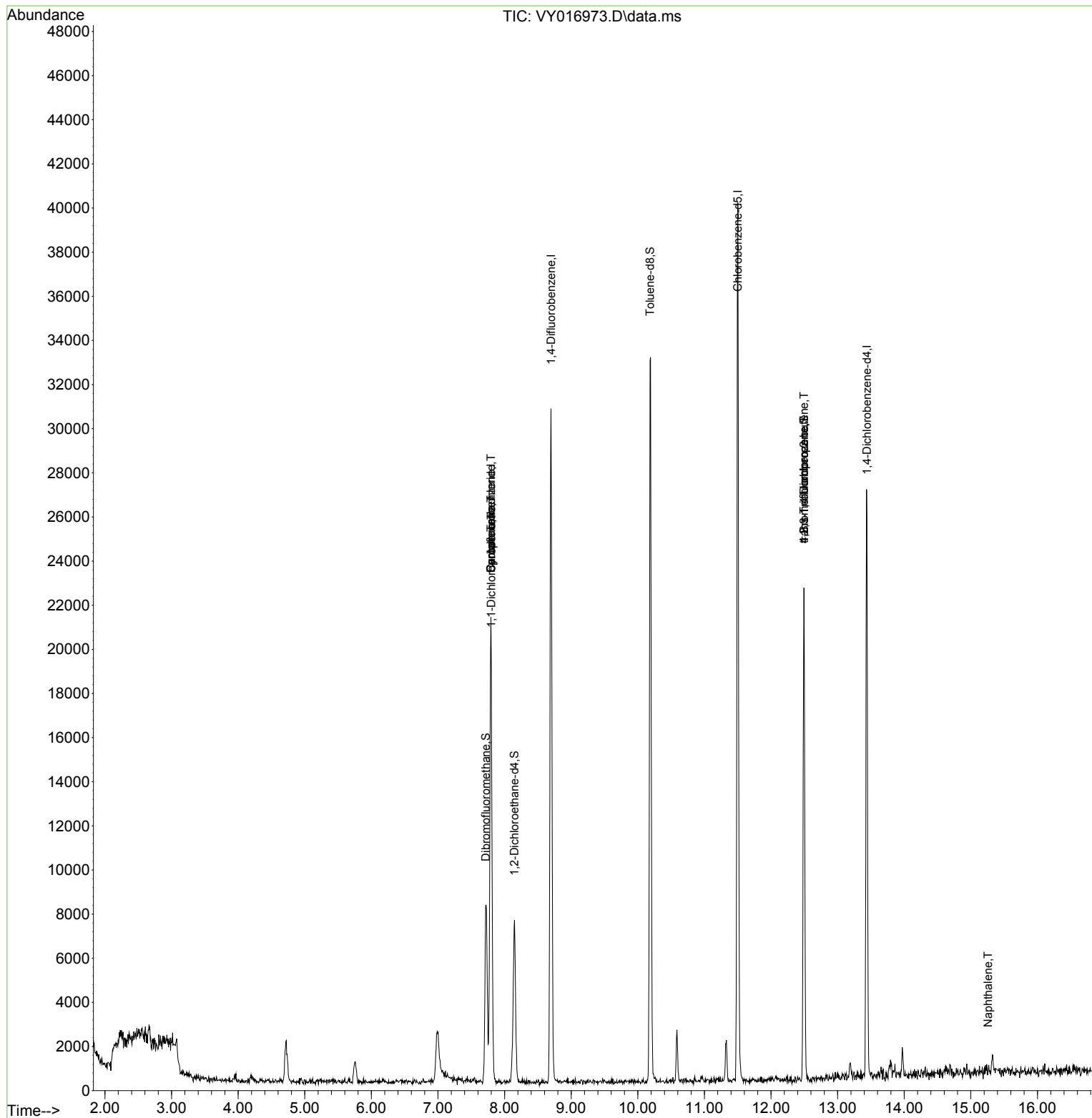
Internal Standards						
1) Pentafluorobenzene	7.795	168	15737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	21917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	7305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	5473	35.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.380%
35) Dibromofluoromethane	7.715	113	6418	37.896	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.800%
50) Toluene-d8	10.184	98	23217	39.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.620%
62) 4-Bromofluorobenzene	12.495	95	5760	29.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.941	59	166	Below Cal	#	75
16) Acetone	3.948	43	215	Below Cal		98
20) Methylene Chloride	4.722	84	1267	Below Cal	#	84
25) 2-Butanone	6.996	43	59	Below Cal	#	48
31) Cyclohexane	7.795	56	308	1.154	ug/l #	38
36) 1,1-Dichloropropene	7.801	75	1479	5.992	ug/l #	45
38) Carbon Tetrachloride	7.795	117	1762	7.027	ug/l #	18
76) 1,2,3-Trichloropropane	12.495	75	3184	40.165	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	3184	91.205	ug/l #	12
95) Naphthalene	15.257	128	148	1.338	ug/l #	69

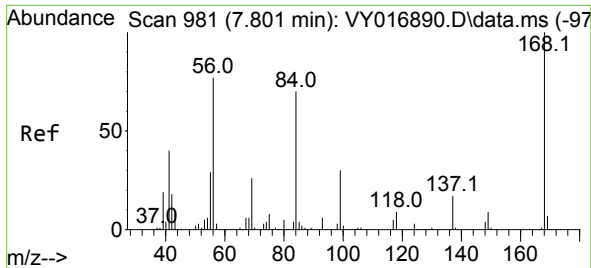
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 11 00:13:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

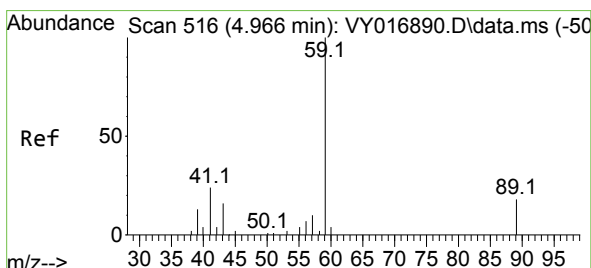
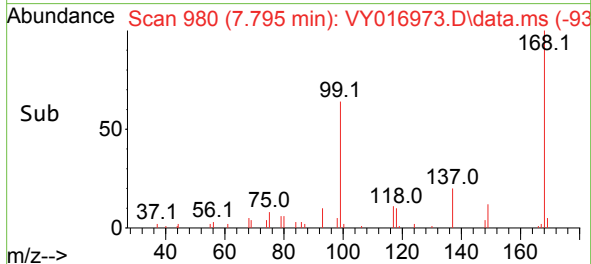
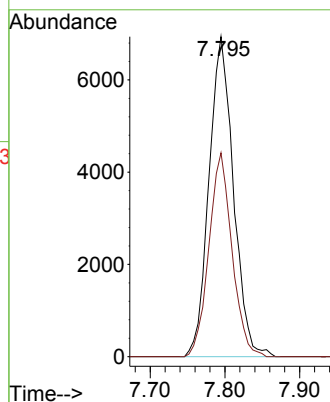
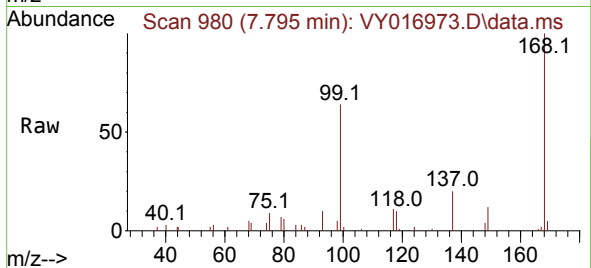




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016973.D
Acq: 10 Jan 2024 15:13

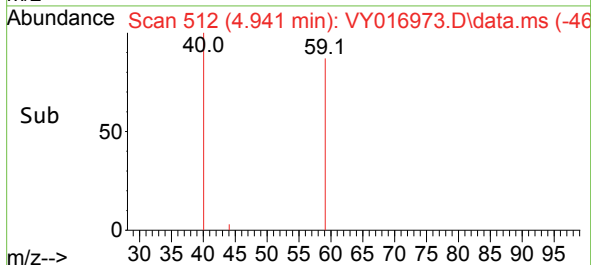
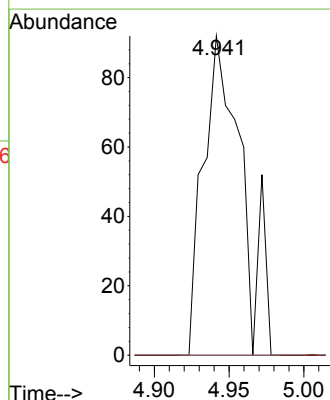
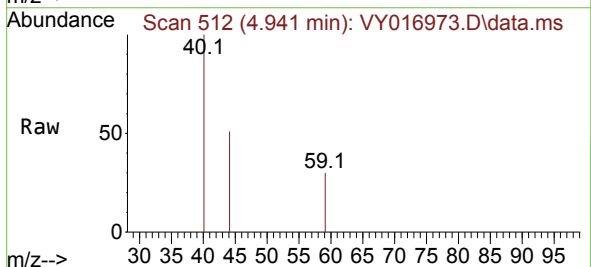
Instrument :
MSVOA_Y
ClientSampleId :

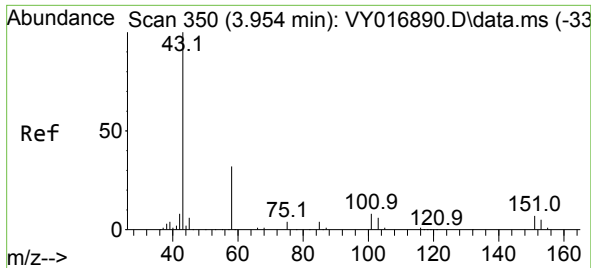
Tgt Ion:168 Resp: 15737
Ion Ratio Lower Upper
168 100
99 63.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.941 min Scan# 512
Delta R.T. -0.025 min
Lab File: VY016973.D
Acq: 10 Jan 2024 15:13

Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.948 min Scan# 349

Delta R.T. -0.012 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

Instrument :

MSVOA_Y

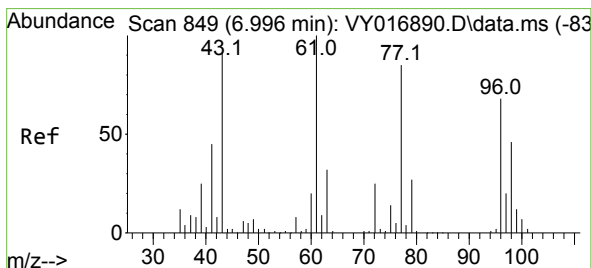
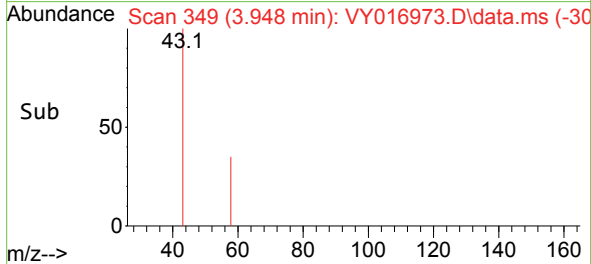
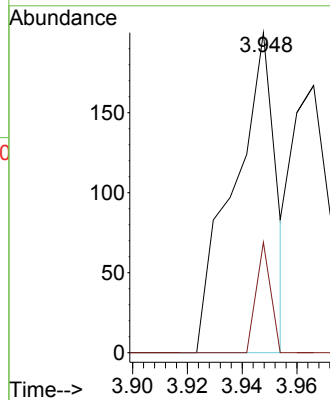
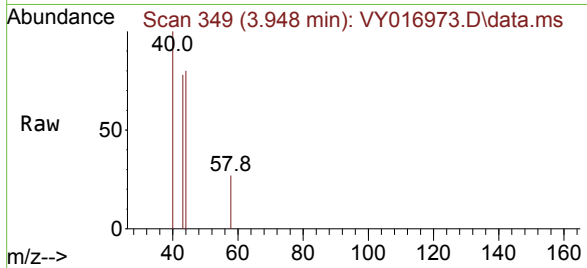
ClientSampleId :

Tgt Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

58 34.5 26.6 39.8



#25

2-Butanone

Concen: Below Cal

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016973.D

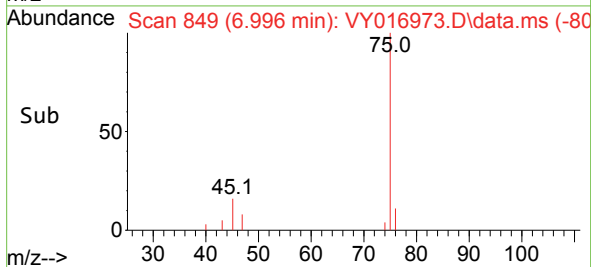
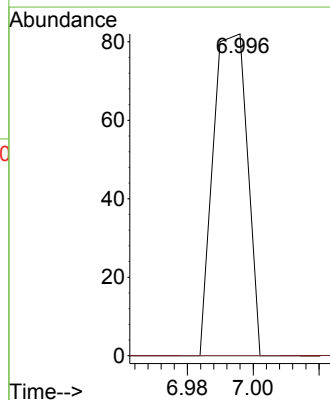
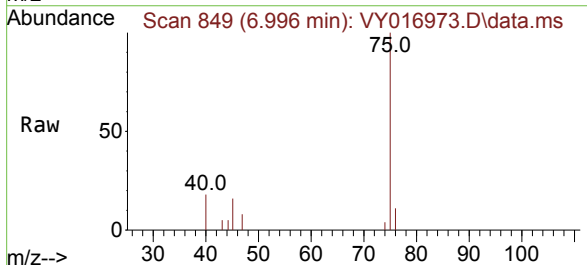
Acq: 10 Jan 2024 15:13

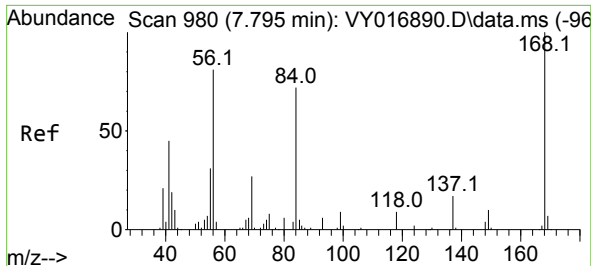
Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

43 100

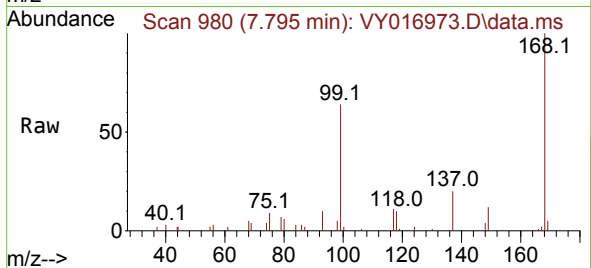
72 0.0 21.4 32.2#



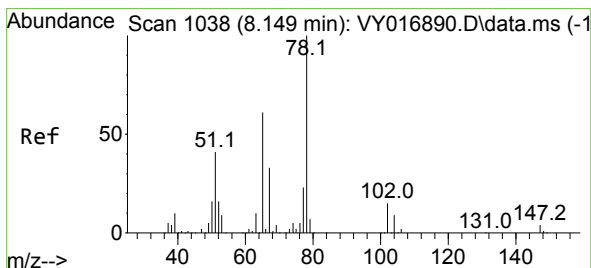
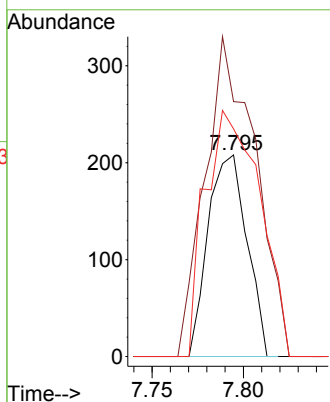
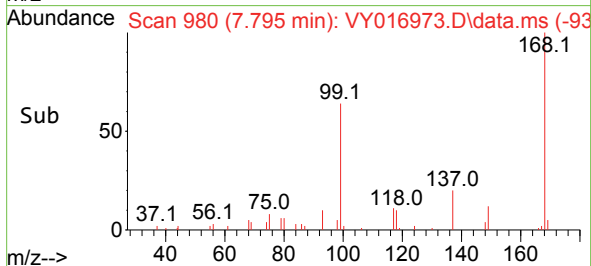


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016973.D
Acq: 10 Jan 2024 15:13

Instrument :
MSVOA_Y
ClientSampleId :

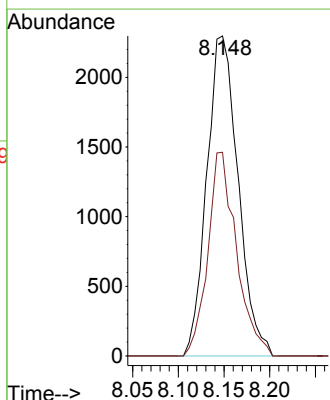
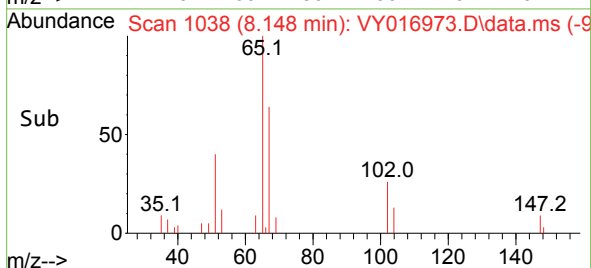
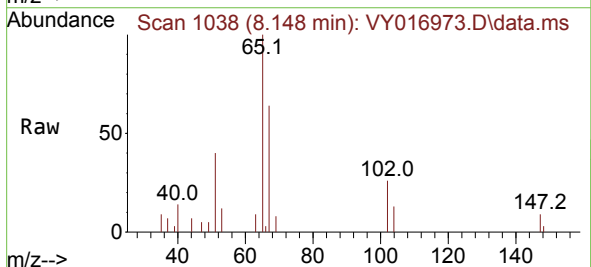


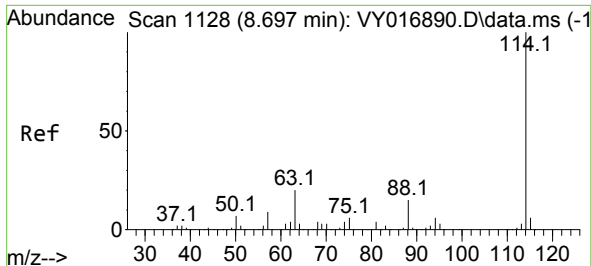
Tgt Ion: 56 Resp: 308
Ion Ratio Lower Upper
56 100
69 126.4 27.0 40.6#
84 113.0 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 35.187 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY016973.D
Acq: 10 Jan 2024 15:13

Tgt Ion: 65 Resp: 5473
Ion Ratio Lower Upper
65 100
67 58.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

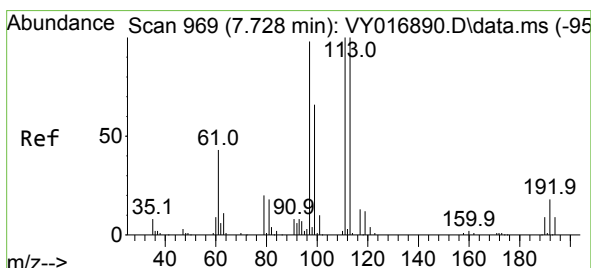
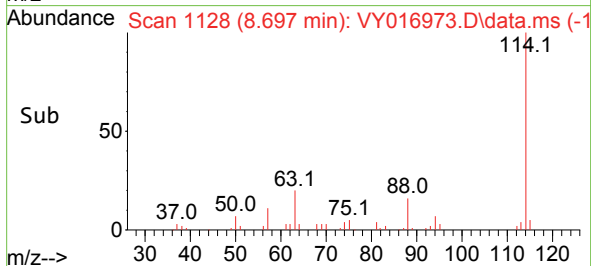
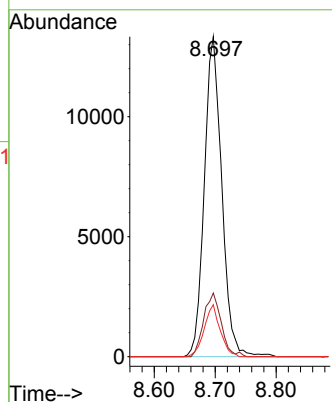
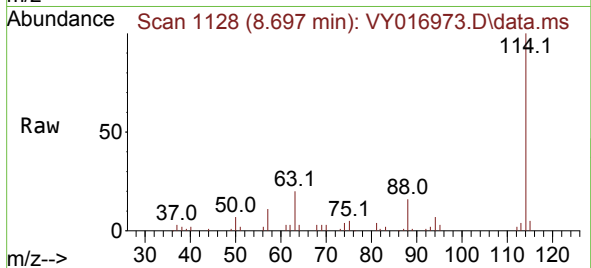
Tgt Ion:114 Resp: 26577

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 16.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.896 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.013 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

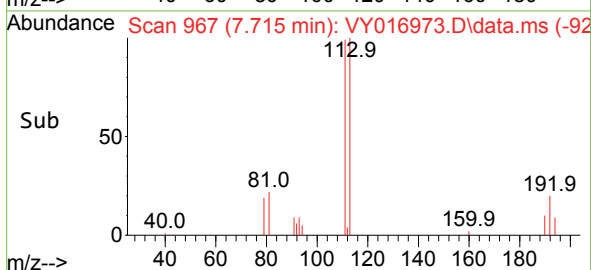
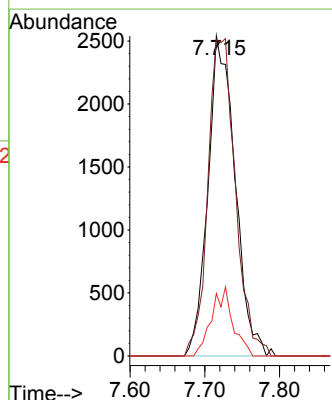
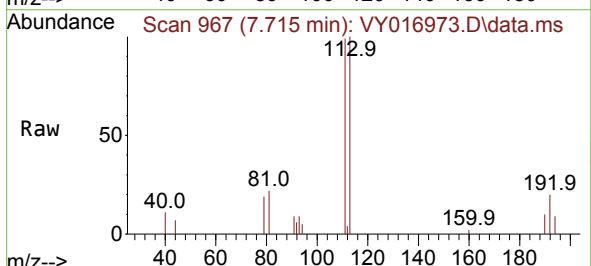
Tgt Ion:113 Resp: 6418

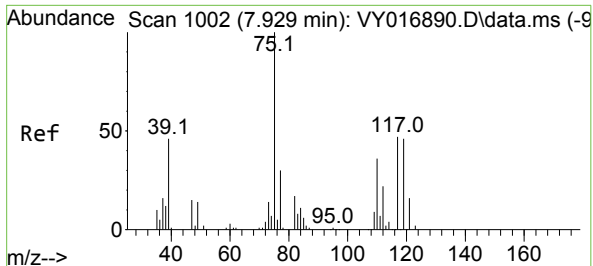
Ion Ratio Lower Upper

113 100

111 100.4 83.8 125.6

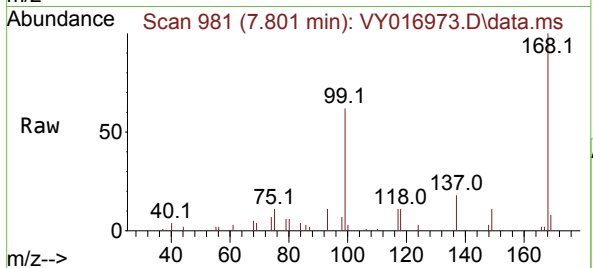
192 16.9 14.5 21.7



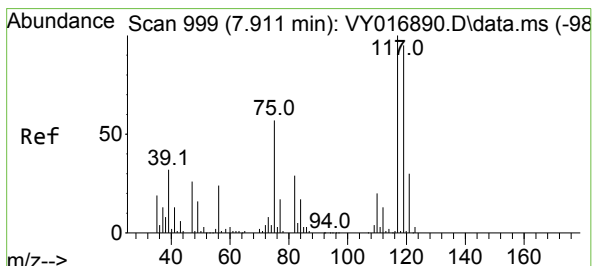
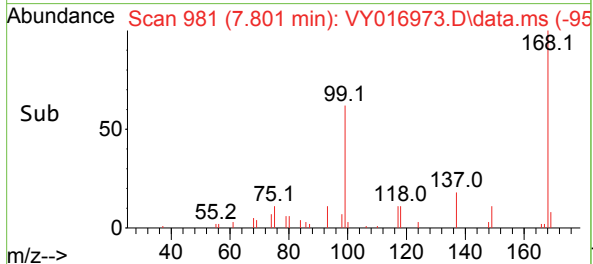
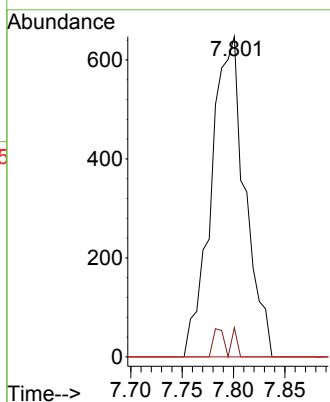


#36
 1,1-Dichloropropene
 Concen: 5.992 ug/l
 RT: 7.801 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY016973.D
 Acq: 10 Jan 2024 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :

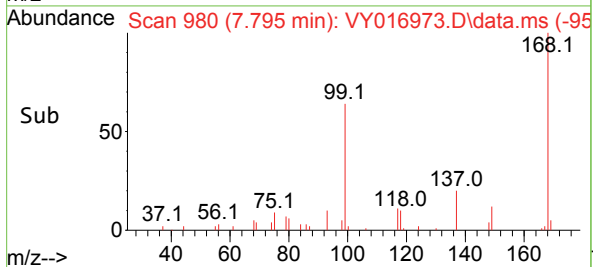
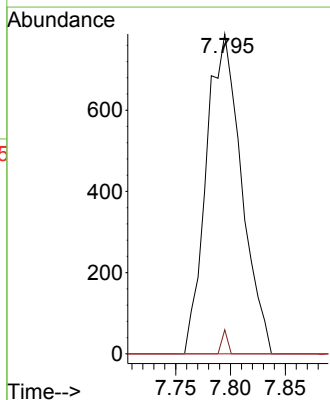
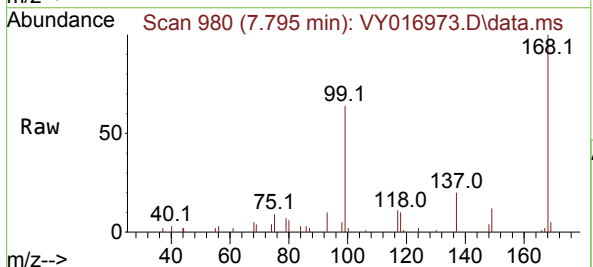


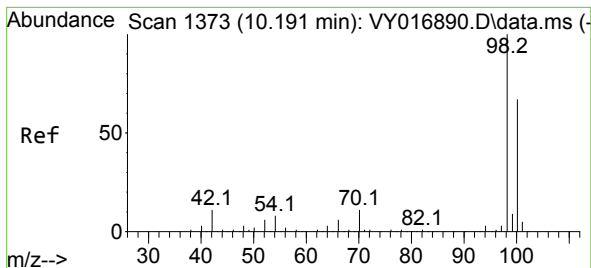
Tgt Ion: 75 Resp: 1479
 Ion Ratio Lower Upper
 75 100
 110 4.2 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 7.027 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.122 min
 Lab File: VY016973.D
 Acq: 10 Jan 2024 15:13

Tgt Ion: 117 Resp: 1762
 Ion Ratio Lower Upper
 117 100
 119 7.5 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 39.810 ug/l

RT: 10.184 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

Instrument :

MSVOA_Y

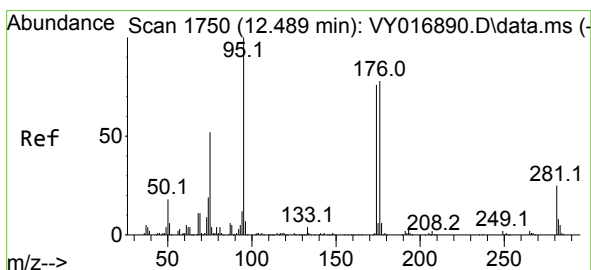
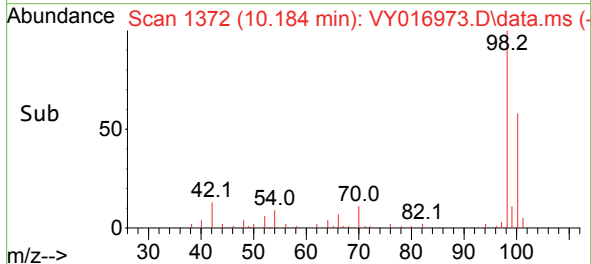
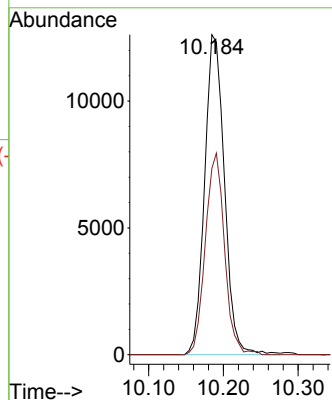
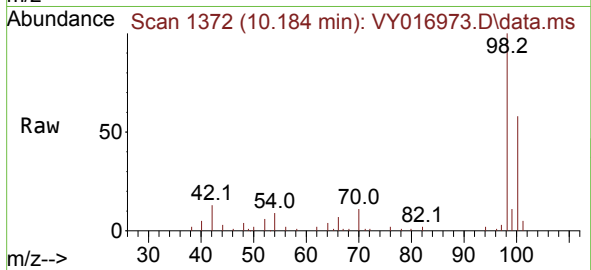
ClientSampleId :

Tgt Ion: 98 Resp: 23217

Ion Ratio Lower Upper

98 100

100 61.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 29.274 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

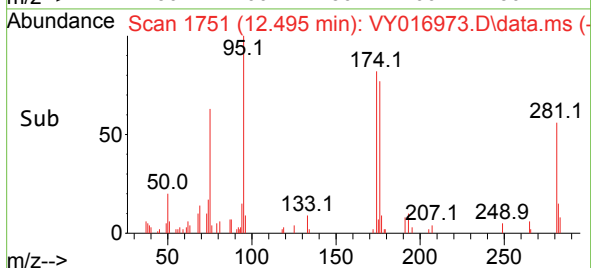
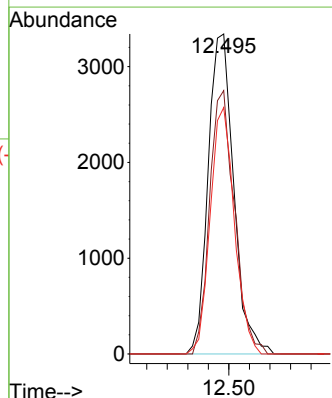
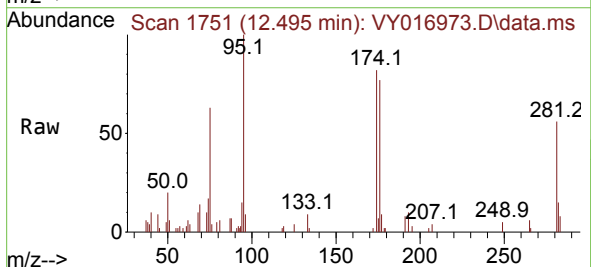
Tgt Ion: 95 Resp: 5760

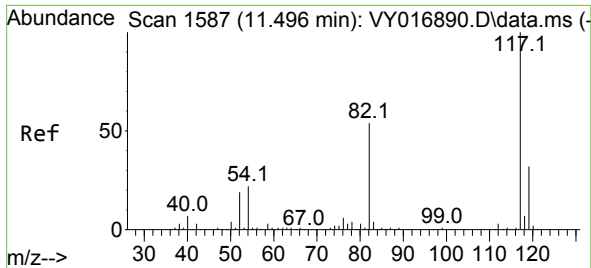
Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.0

176 73.1 0.0 151.8

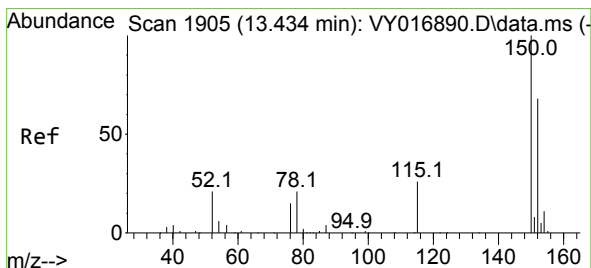
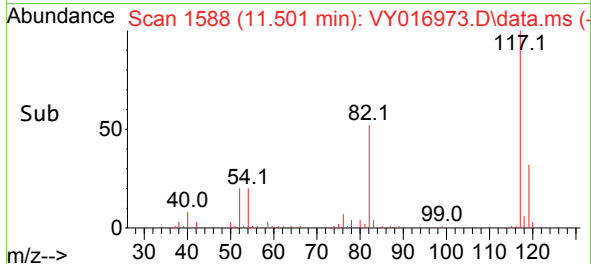
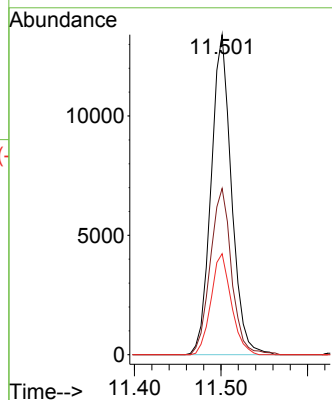
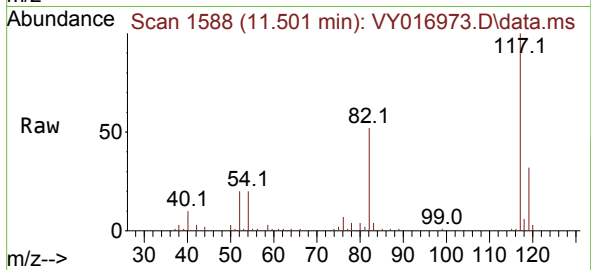




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016973.D
Acq: 10 Jan 2024 15:13

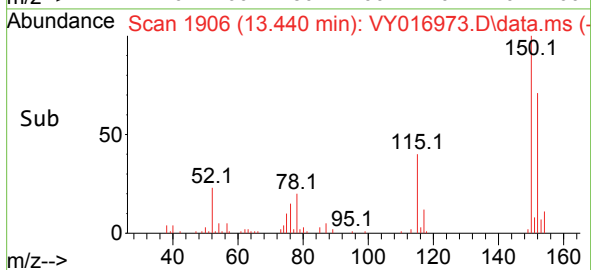
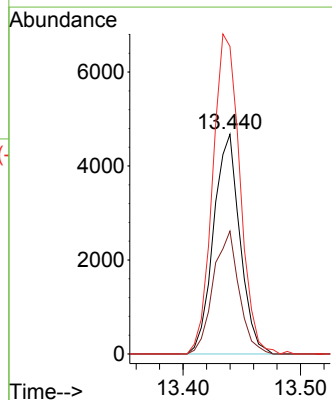
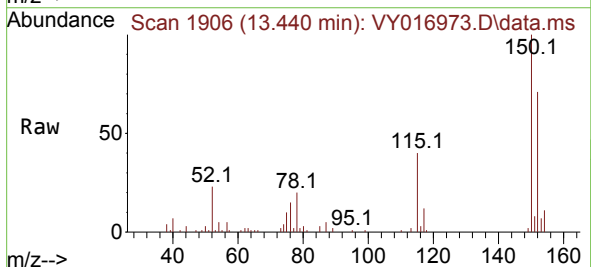
Instrument :
MSVOA_Y
ClientSampleId :

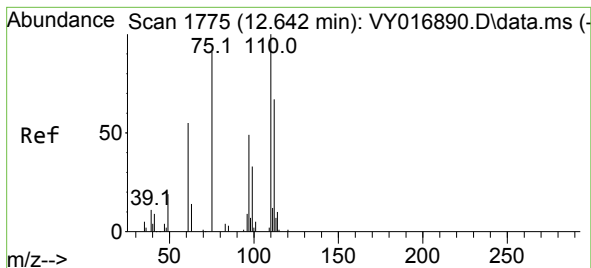
Tgt Ion:117 Resp: 21917
Ion Ratio Lower Upper
117 100
82 52.0 43.8 65.8
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016973.D
Acq: 10 Jan 2024 15:13

Tgt Ion:152 Resp: 7305
Ion Ratio Lower Upper
152 100
115 54.7 30.0 90.0
150 150.1 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 40.165 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

Instrument :

MSVOA_Y

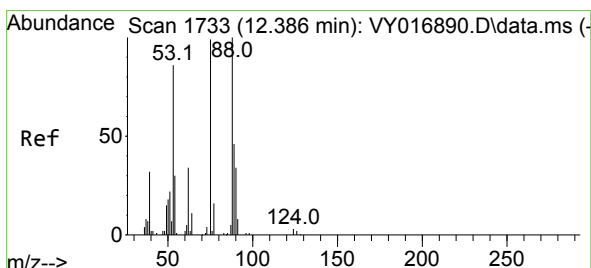
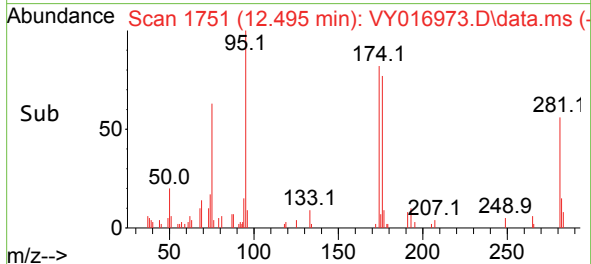
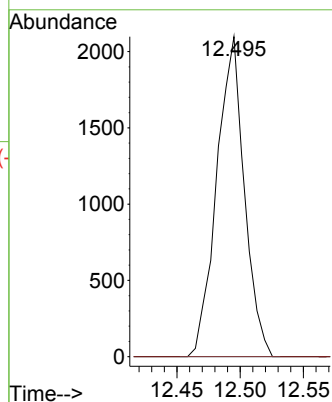
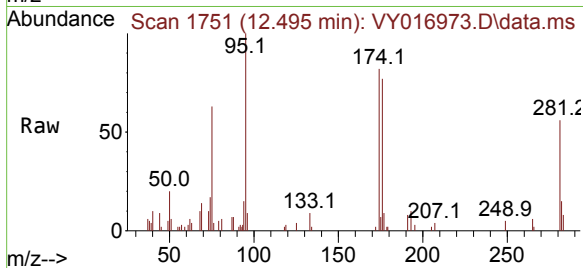
ClientSampleId :

Tgt Ion: 75 Resp: 3184

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 91.205 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.110 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

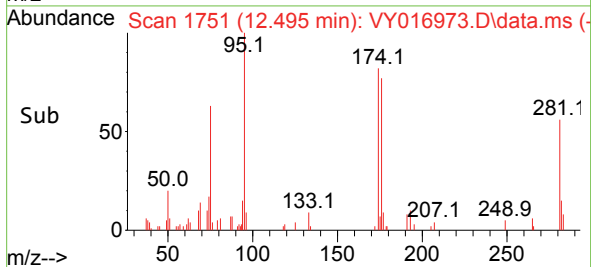
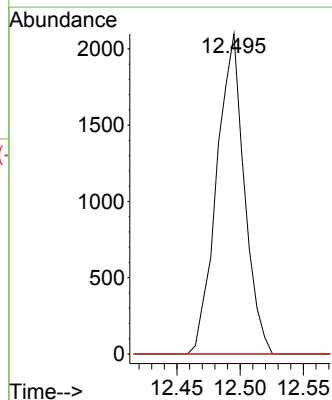
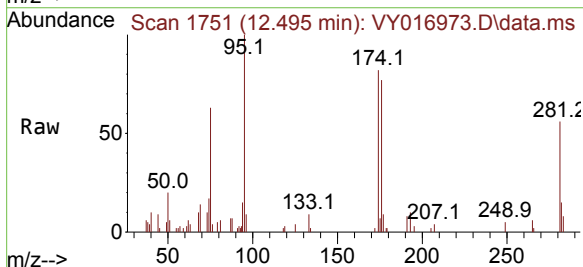
Tgt Ion: 75 Resp: 3184

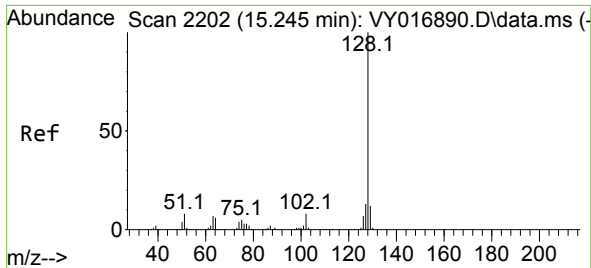
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

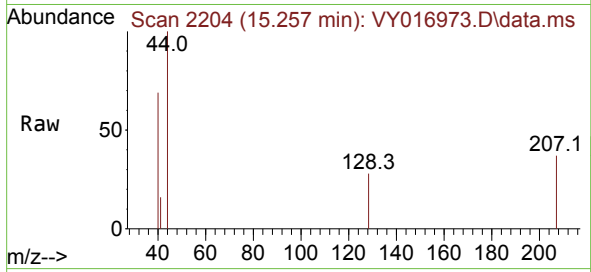
89 0.0 36.5 54.7#





#95
 Naphthalene
 Concen: 1.338 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY016973.D
 Acq: 10 Jan 2024 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	148
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

