

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017266.D
 Acq On : 06 Feb 2024 15:49
 Operator : SY/MD
 Sample : P1364-01
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Feb 07 00:09:31 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)

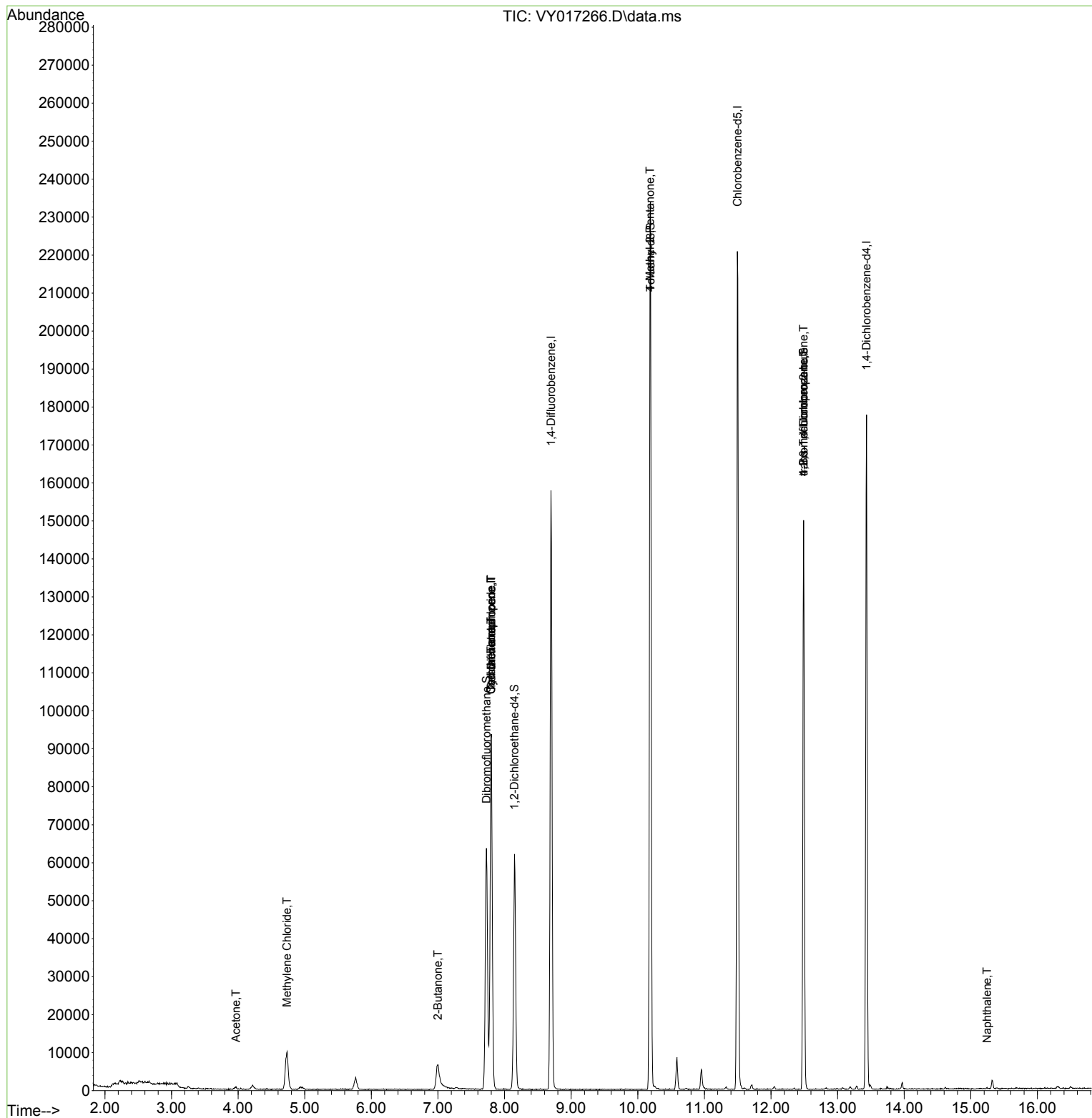
Internal Standards						
1) Pentafluorobenzene	7.801	168	70326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	134377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	121454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	42413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44675	71.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.220%	
35) Dibromofluoromethane	7.728	113	45394	62.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.120%	
50) Toluene-d8	10.191	98	156020	59.061	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.120%	
62) 4-Bromofluorobenzene	12.489	95	44434	51.347	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	368	Below Cal	#	75
16) Acetone	3.967	43	834	4.517	ug/l #	81
20) Methylene Chloride	4.735	84	7208	6.482	ug/l	95
25) 2-Butanone	6.996	43	733	2.986	ug/l #	48
31) Cyclohexane	7.795	56	1586	1.252	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6541	5.226	ug/l #	48
38) Carbon Tetrachloride	7.795	117	7231	6.034	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	692	1.256	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	23677	60.483	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	23677	125.676	ug/l #	12
95) Naphthalene	15.245	128	240	3.622	ug/l #	69

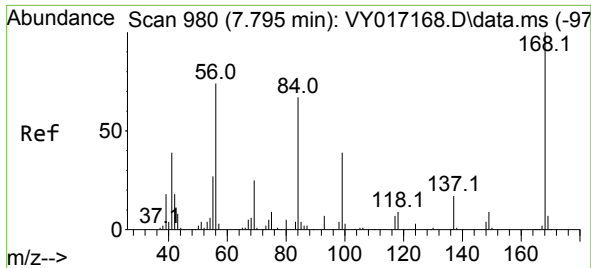
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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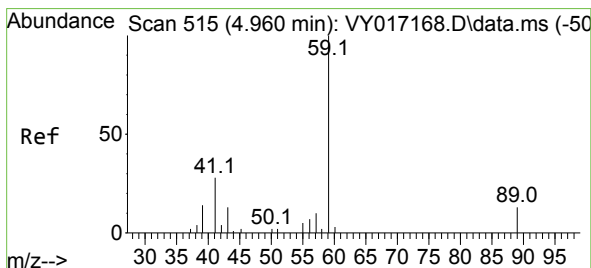
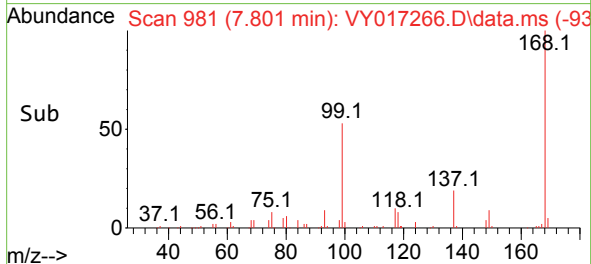
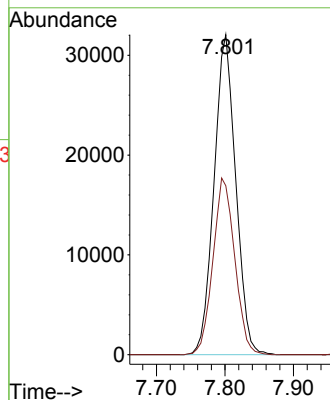
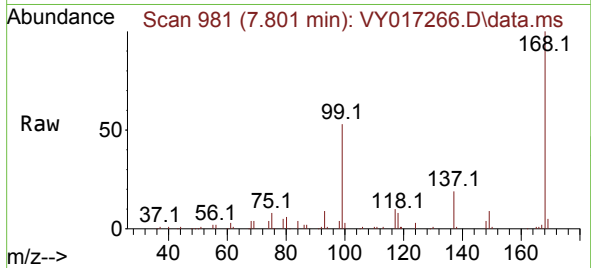




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

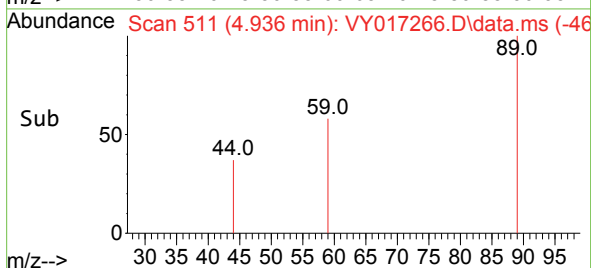
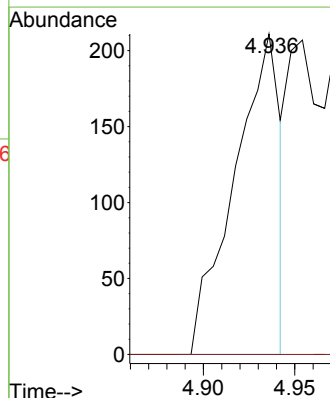
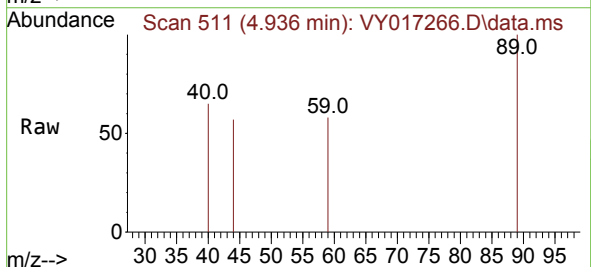
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

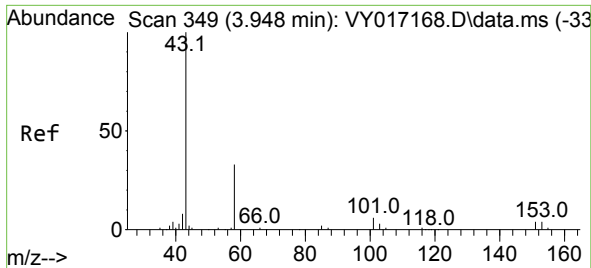
Tgt Ion:168 Resp: 70326
Ion Ratio Lower Upper
168 100
99 52.8 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

Tgt Ion: 59 Resp: 368
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 4.517 ug/l

RT: 3.967 min Scan# 3

Delta R.T. 0.019 min

Lab File: VY017266.D

Acq: 06 Feb 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

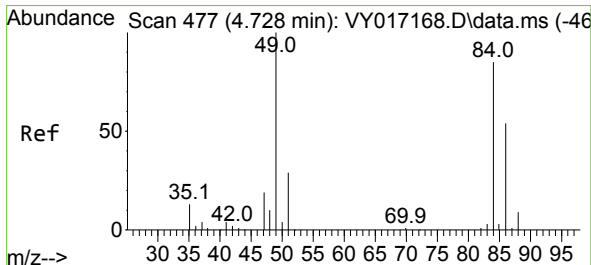
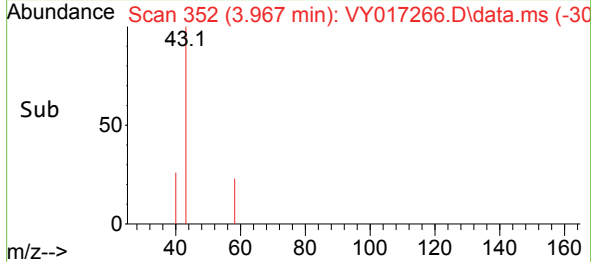
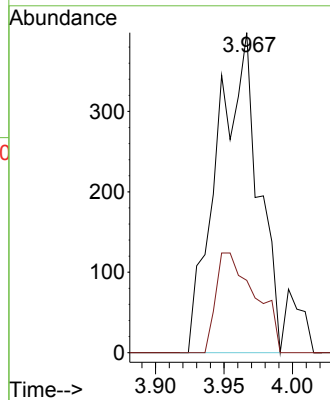
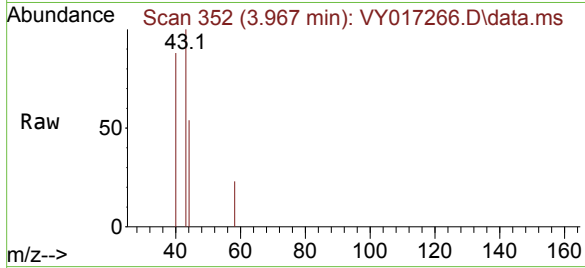
COMP-1

Tgt Ion: 43 Resp: 834

Ion Ratio Lower Upper

43 100

58 22.6 26.6 39.8#



#20

Methylene Chloride

Concen: 6.482 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.007 min

Lab File: VY017266.D

Acq: 06 Feb 2024 15:49

Tgt Ion: 84 Resp: 7208

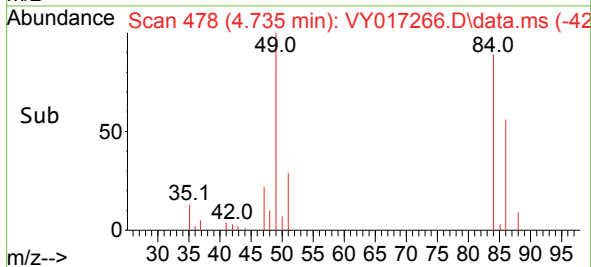
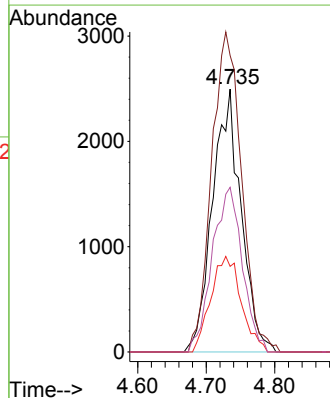
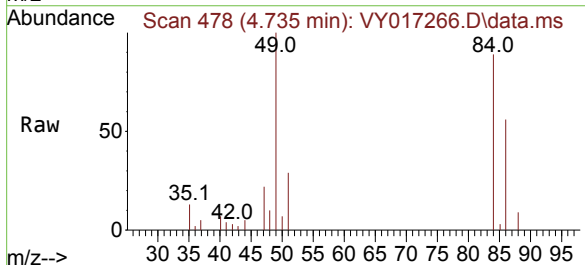
Ion Ratio Lower Upper

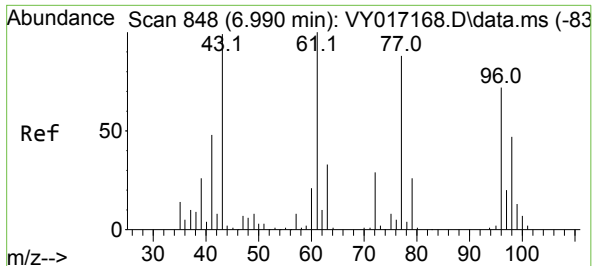
84 100

49 112.8 95.2 142.8

51 32.6 29.9 44.9

86 62.6 52.2 78.4





#25

2-Butanone

Concen: 2.986 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.007 min

Lab File: VY017266.D

Acq: 06 Feb 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

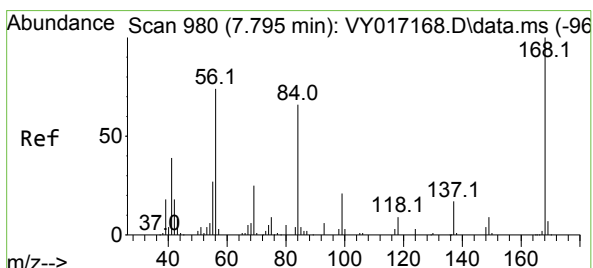
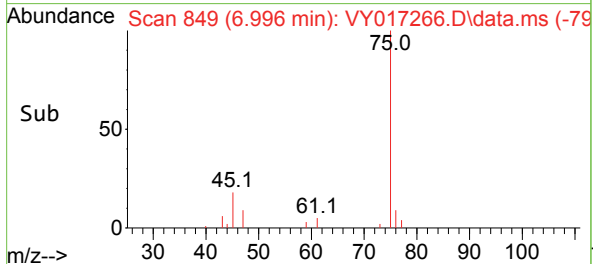
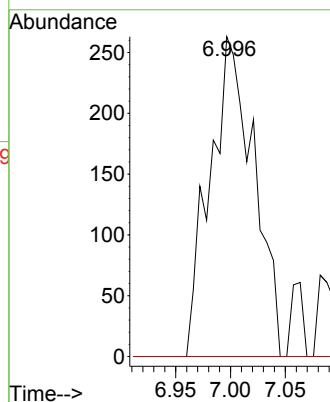
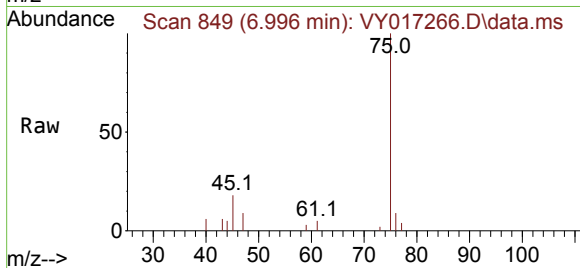
COMP-1

Tgt Ion: 43 Resp: 733

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.252 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY017266.D

Acq: 06 Feb 2024 15:49

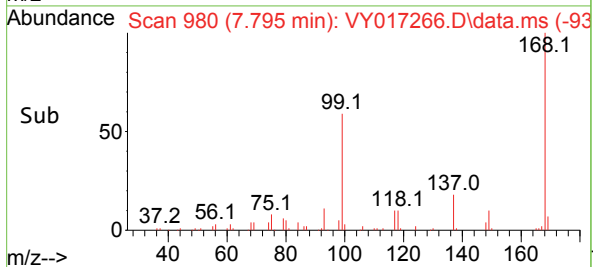
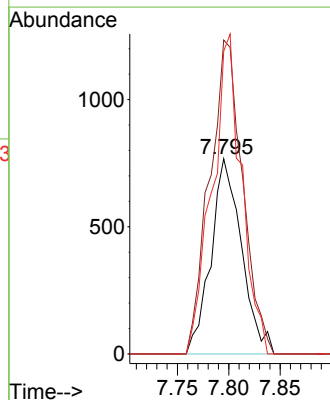
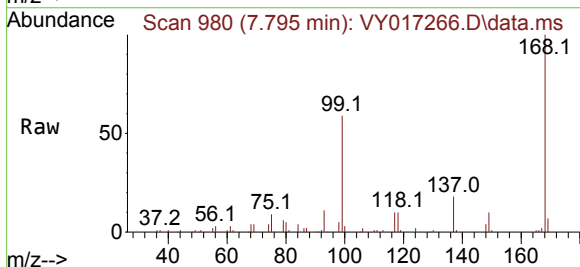
Tgt Ion: 56 Resp: 1586

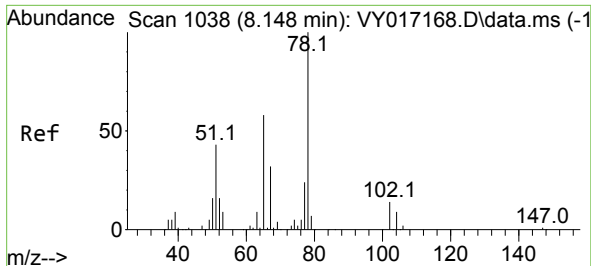
Ion Ratio Lower Upper

56 100

69 160.9 27.0 40.6#

84 155.1 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 71.110 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017266.D

Acq: 06 Feb 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

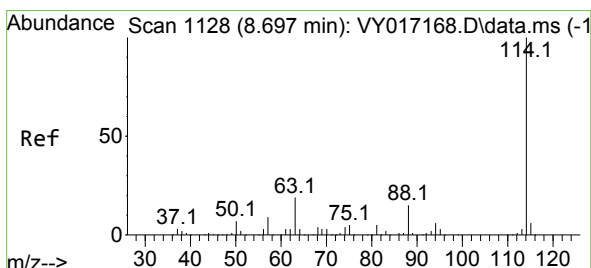
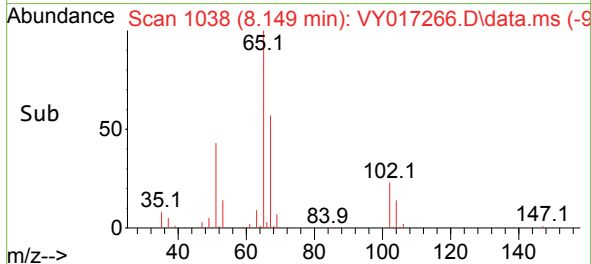
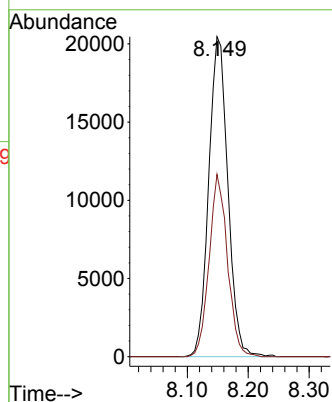
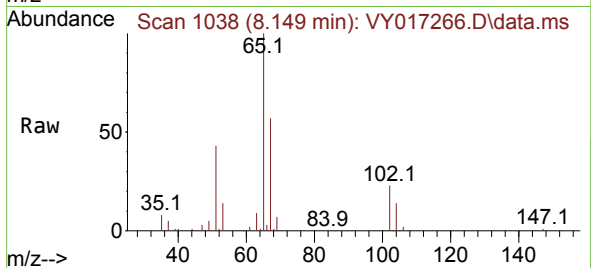
COMP-1

Tgt Ion: 65 Resp: 44675

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017266.D

Acq: 06 Feb 2024 15:49

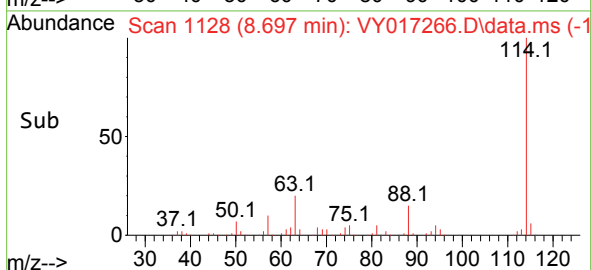
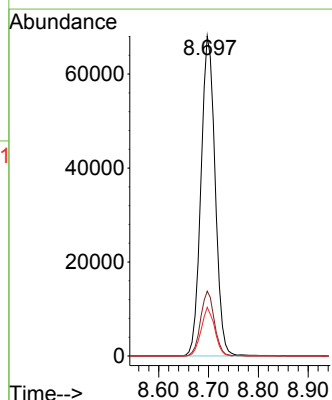
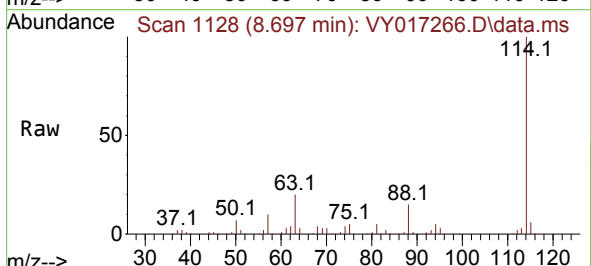
Tgt Ion: 114 Resp: 134377

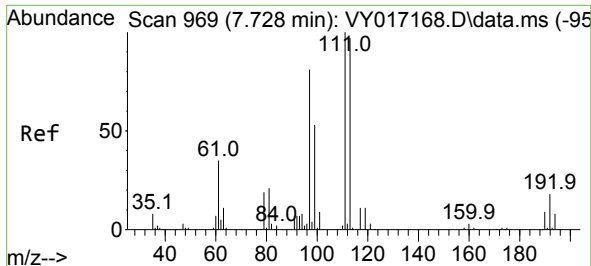
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.2 0.0 29.0

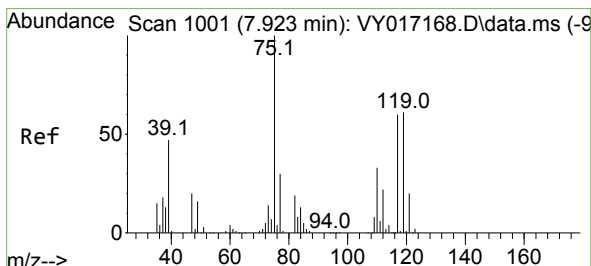
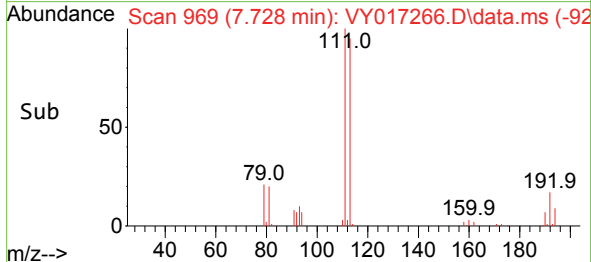
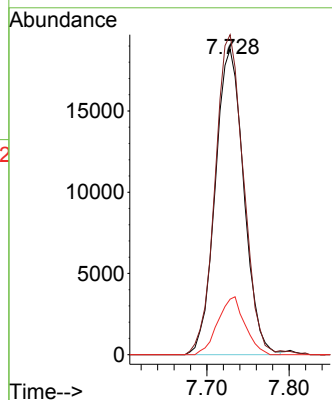
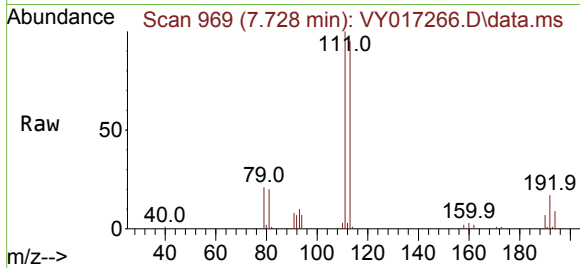




#35
Dibromofluoromethane
Concen: 62.565 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

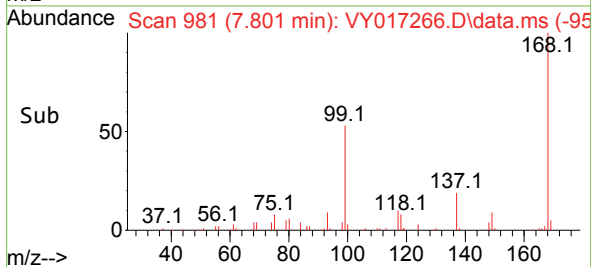
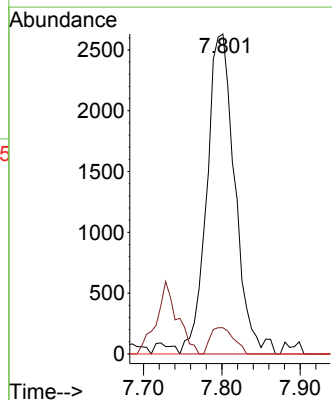
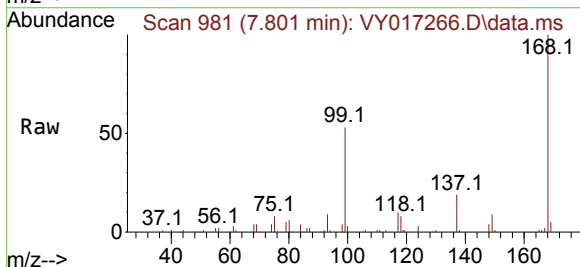
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

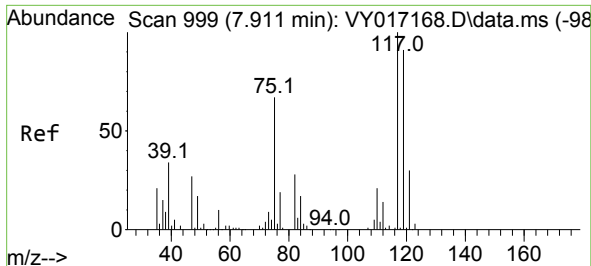
Tgt Ion:113 Resp: 45394
Ion Ratio Lower Upper
113 100
111 104.8 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 5.226 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.121 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

Tgt Ion: 75 Resp: 6541
Ion Ratio Lower Upper
75 100
110 6.9 17.4 52.3#
77 0.0 24.7 37.1#

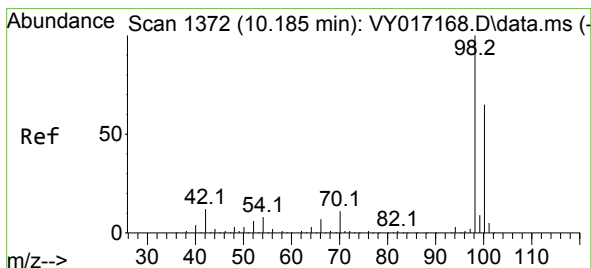
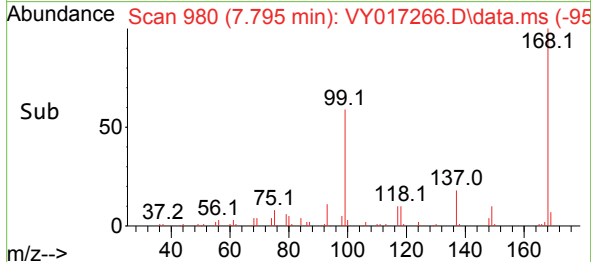
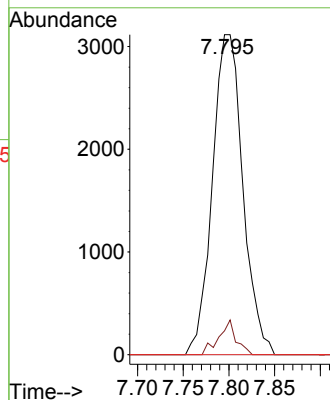
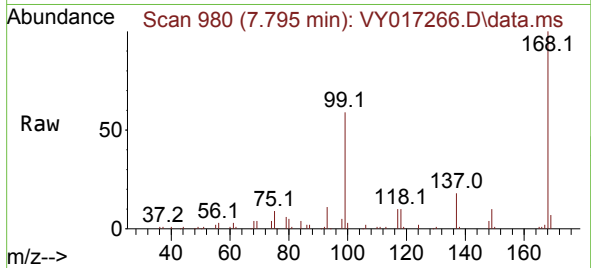




#38
Carbon Tetrachloride
Concen: 6.034 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

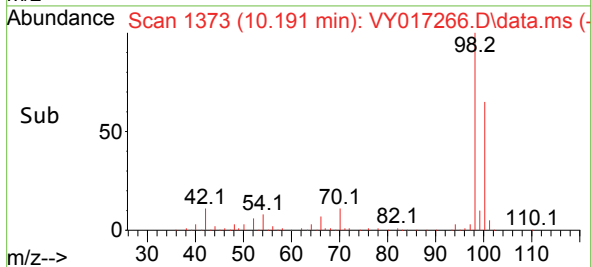
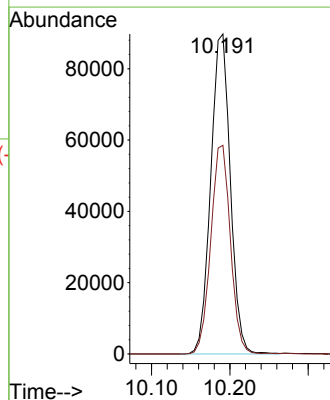
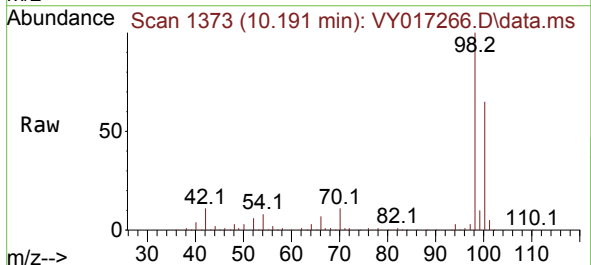
Instrument :
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ClientSampleId :
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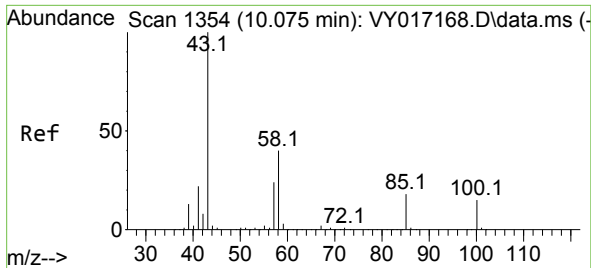
Tgt Ion:117 Resp: 7231
Ion Ratio Lower Upper
117 100
119 7.4 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 59.061 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.007 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

Tgt Ion: 98 Resp: 156020
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

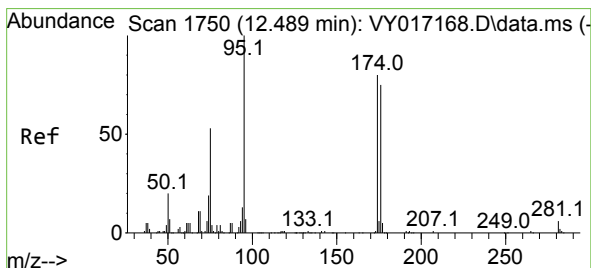
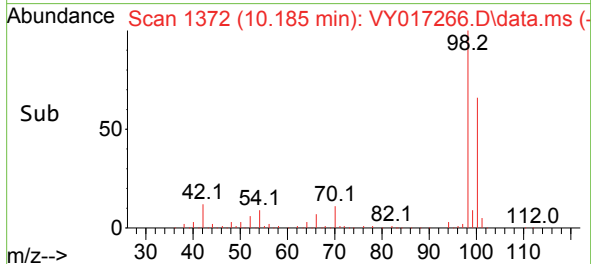
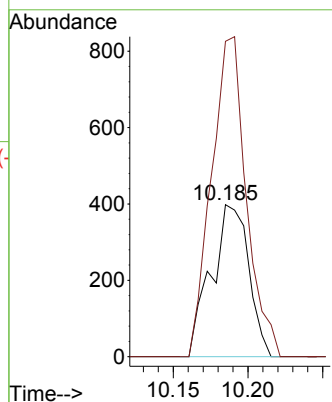
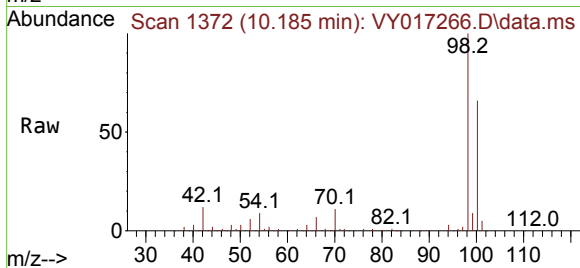




#51
4-Methyl-2-Pentanone
Concen: 1.256 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

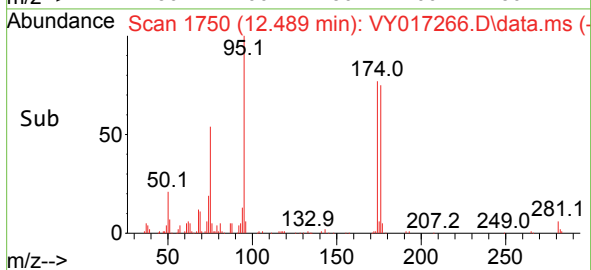
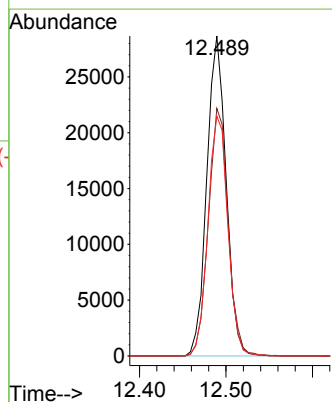
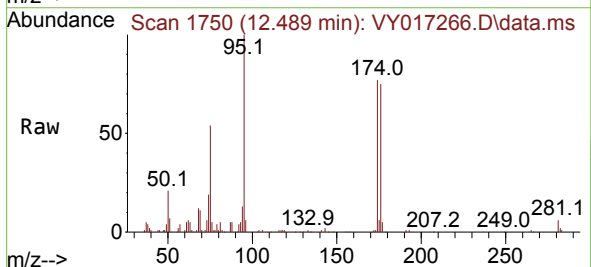
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

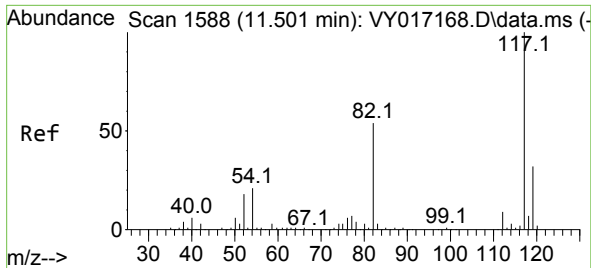
Tgt Ion: 43 Resp: 692
Ion Ratio Lower Upper
43 100
58 196.2 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 51.347 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

Tgt Ion: 95 Resp: 44434
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.0
176 77.3 0.0 151.8

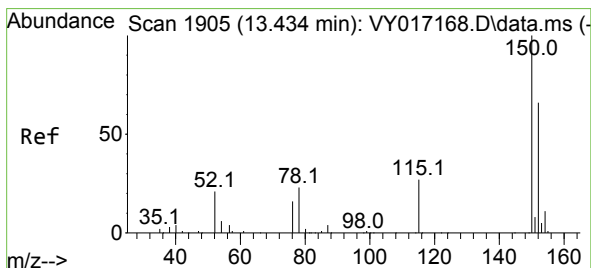
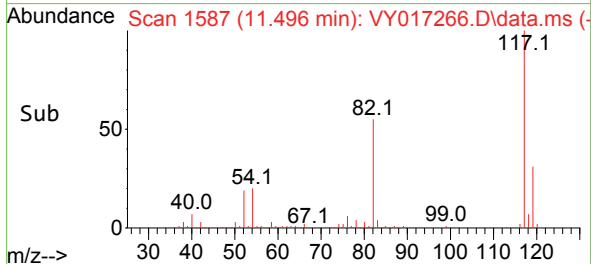
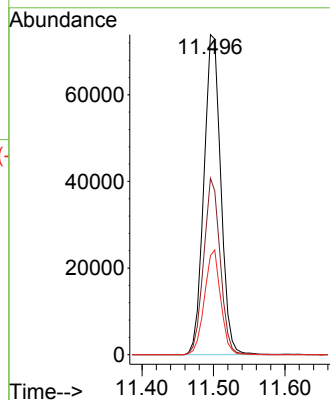
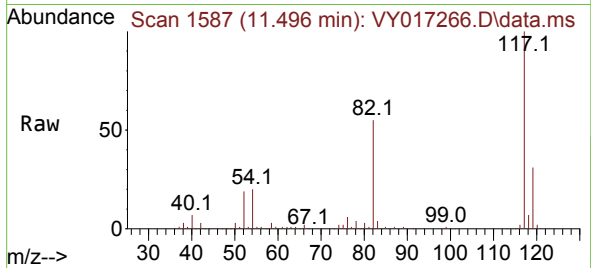




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

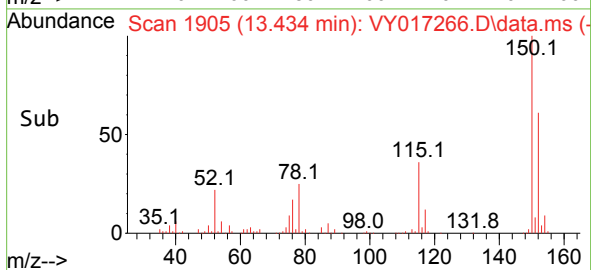
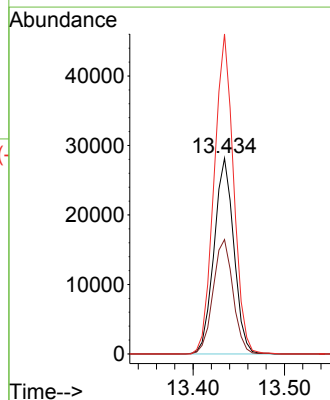
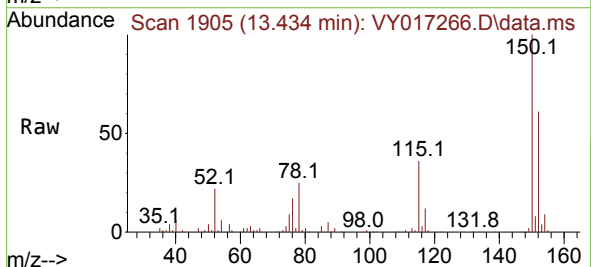
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

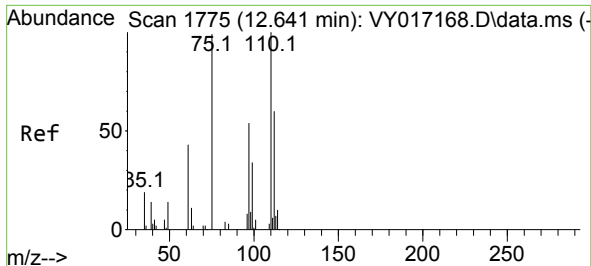
Tgt Ion:117 Resp: 121454
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 31.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

Tgt Ion:152 Resp: 42413
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.0
150 160.8 0.0 344.6

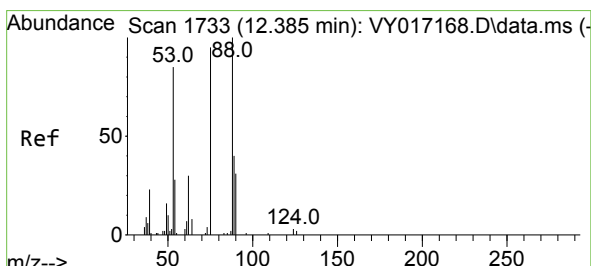
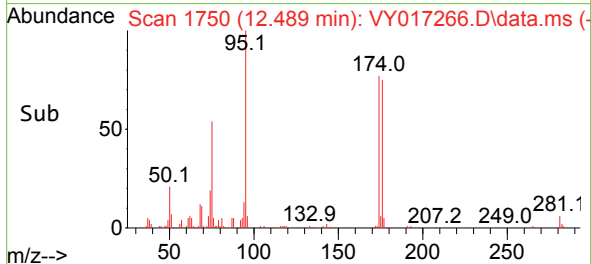
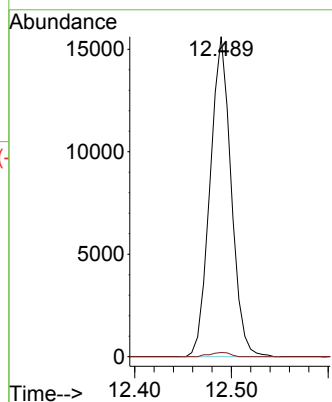
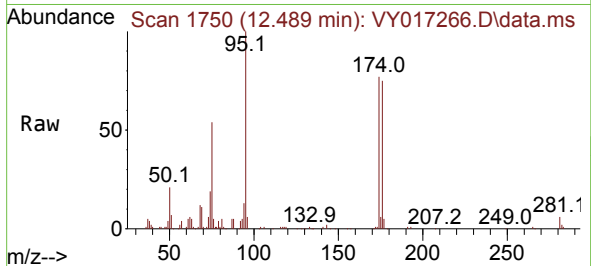




#76
1,2,3-Trichloropropane
Concen: 60.483 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

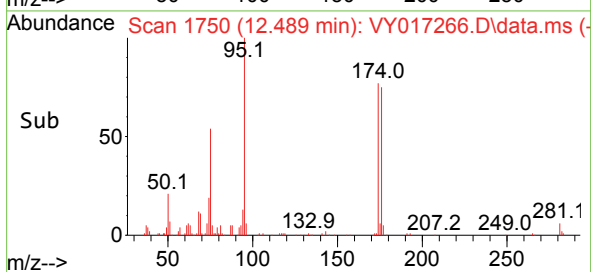
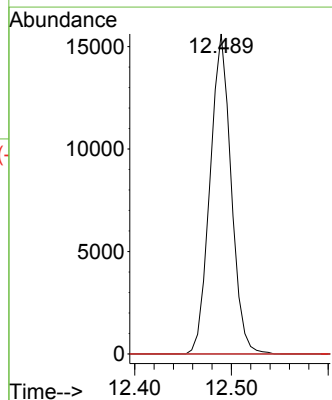
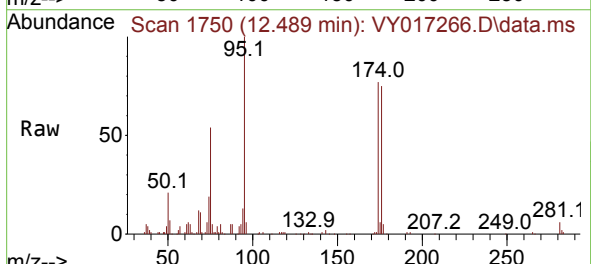
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

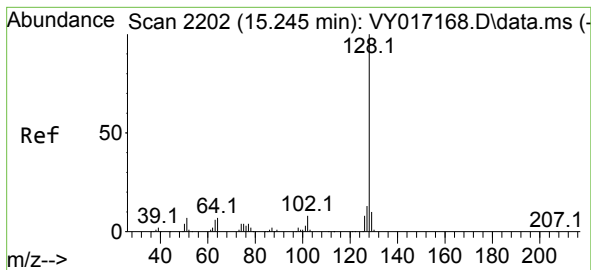
Tgt Ion: 75 Resp: 23677
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.676 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

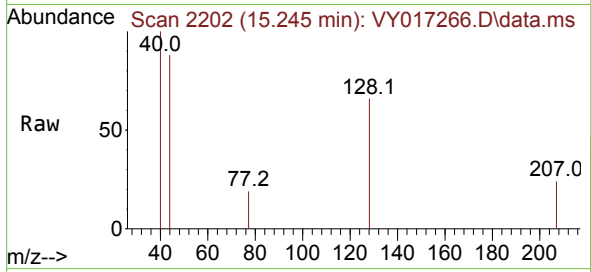
Tgt Ion: 75 Resp: 23677
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.622 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



Tgt Ion:	128	Resp:	240
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

