

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017183.D
 Acq On : 02 Feb 2024 14:50
 Operator : SY/MD
 Sample : P1340-01
 Misc : 4.41g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Feb 02 22:30:23 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)

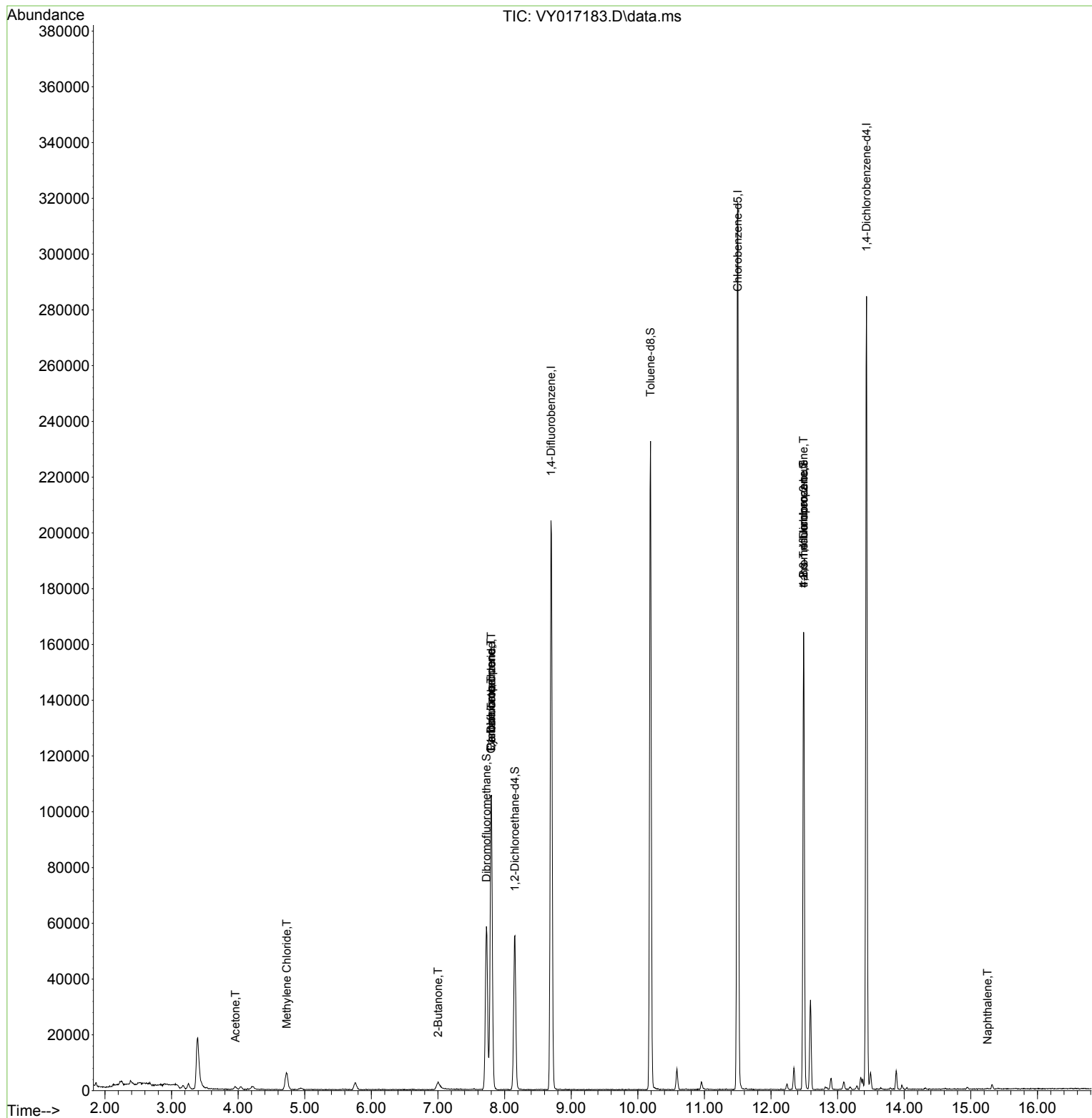
Internal Standards						
1) Pentafluorobenzene	7.801	168	81732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	177075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	41854	57.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.728	113	42538	45.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.380%
50) Toluene-d8	10.191	98	152890	44.605	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.220%
62) 4-Bromofluorobenzene	12.489	95	51301	45.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	539	Below Cal	#	75
16) Acetone	3.960	43	1648	7.679	ug/l	92
20) Methylene Chloride	4.728	84	4452	1.680	ug/l	96
25) 2-Butanone	7.002	43	452	1.584	ug/l #	48
31) Cyclohexane	7.795	56	1974	1.341	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	7189	4.427	ug/l #	48
38) Carbon Tetrachloride	7.801	117	8318	5.350	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	27352	42.215	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	27352	87.718	ug/l #	12
95) Naphthalene	15.251	128	187	3.516	ug/l #	69

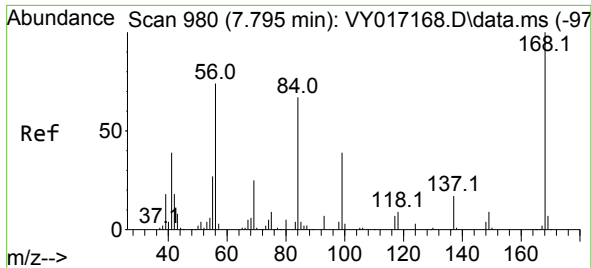
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
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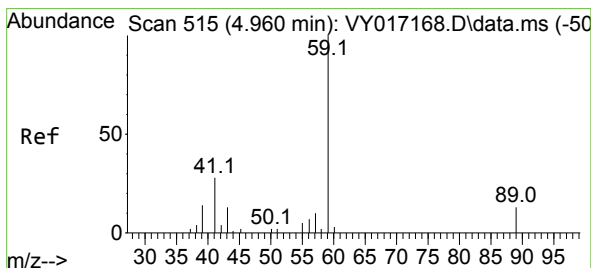
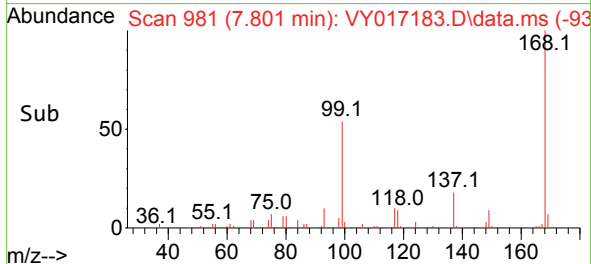
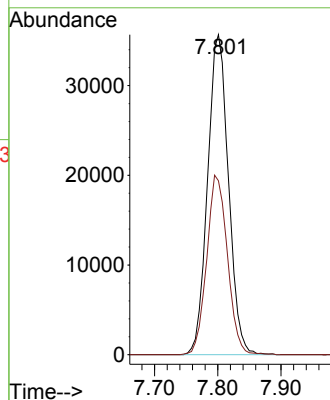
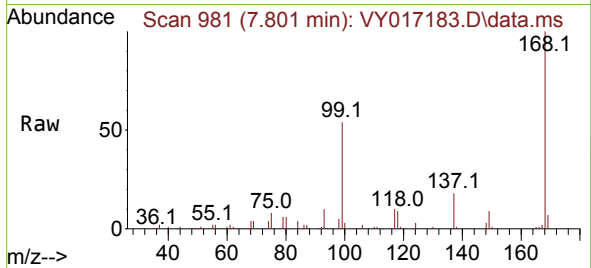




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

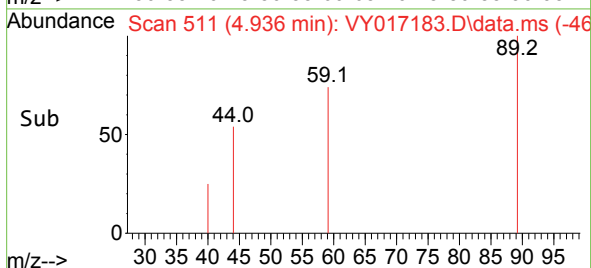
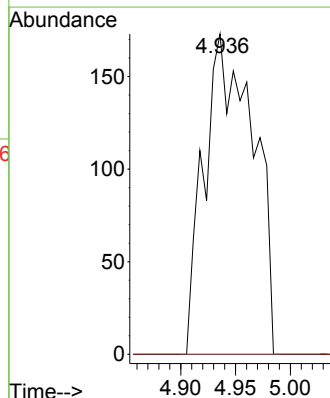
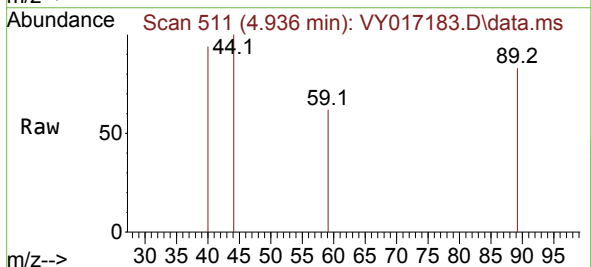
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:168 Resp: 81732
Ion Ratio Lower Upper
168 100
99 54.3 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: VY017183.D
Acq: 02 Feb 2024 14:50

Tgt Ion: 59 Resp: 539
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 7.679 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.013 min

Lab File: VY017183.D

Acq: 02 Feb 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

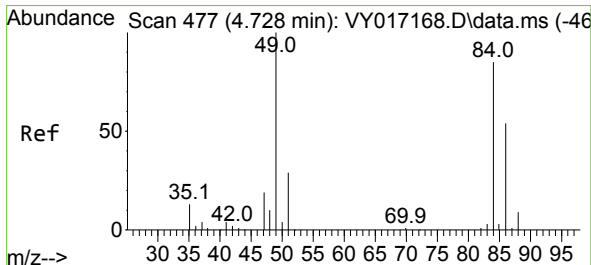
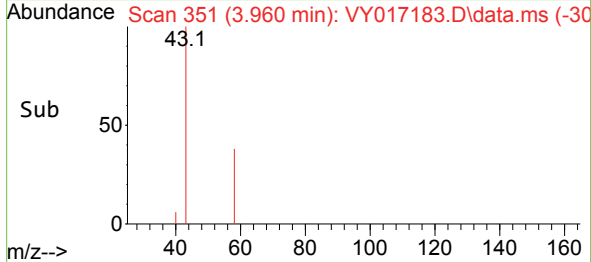
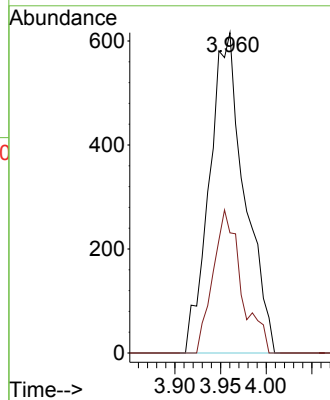
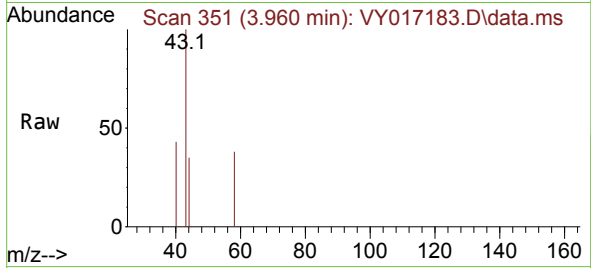
COMP-1

Tgt Ion: 43 Resp: 1648

Ion Ratio Lower Upper

43 100

58 37.5 26.6 39.8



#20

Methylene Chloride

Concen: 1.680 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.000 min

Lab File: VY017183.D

Acq: 02 Feb 2024 14:50

Tgt Ion: 84 Resp: 4452

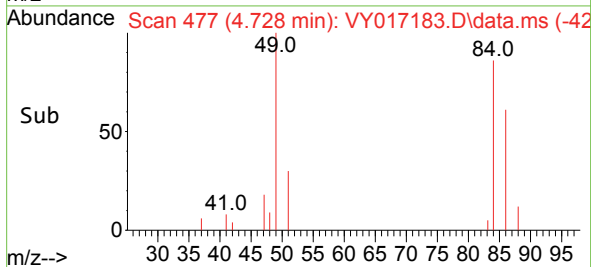
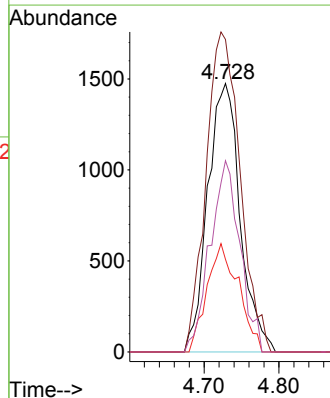
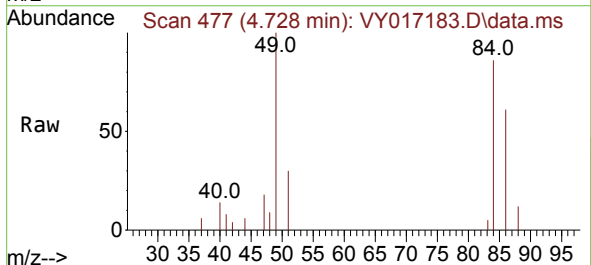
Ion Ratio Lower Upper

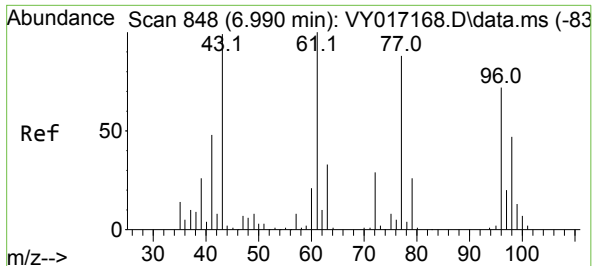
84 100

49 116.4 95.2 142.8

51 34.5 29.9 44.9

86 71.2 52.2 78.4





#25

2-Butanone

Concen: 1.584 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY017183.D

Acq: 02 Feb 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

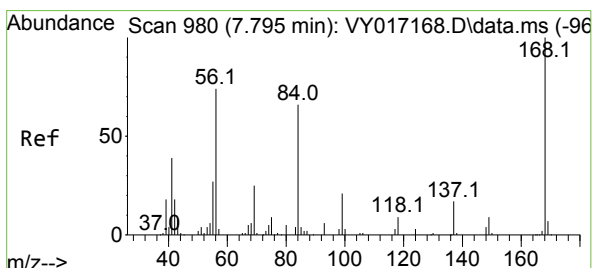
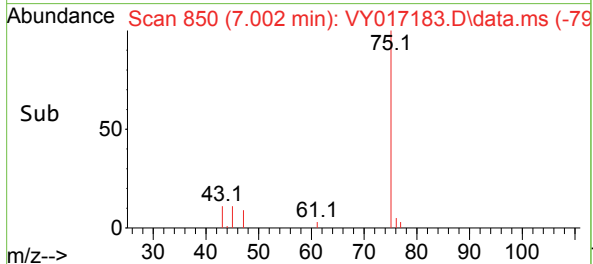
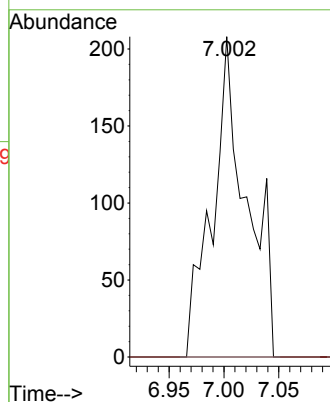
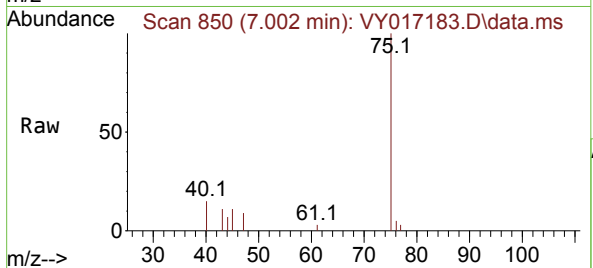
COMP-1

Tgt Ion: 43 Resp: 452

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.341 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY017183.D

Acq: 02 Feb 2024 14:50

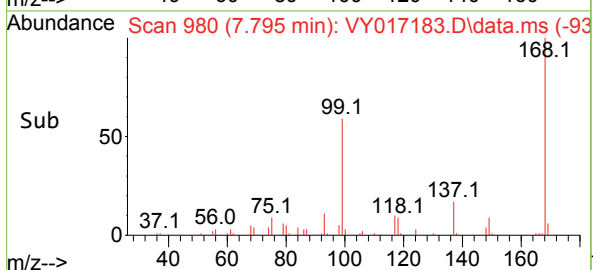
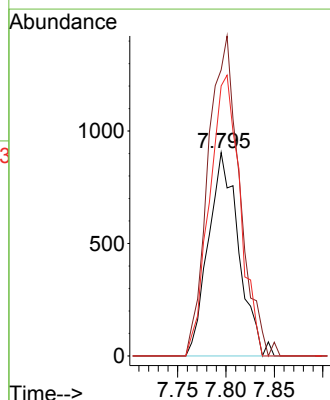
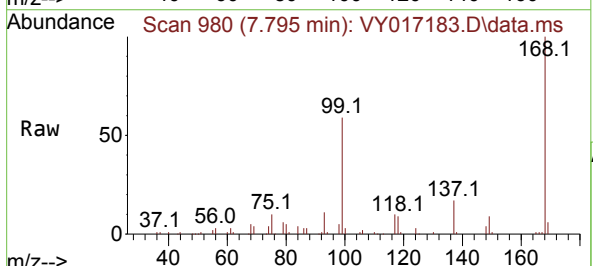
Tgt Ion: 56 Resp: 1974

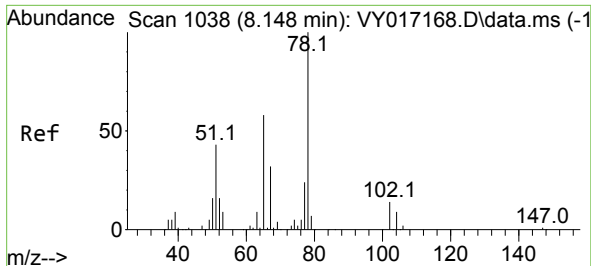
Ion Ratio Lower Upper

56 100

69 140.7 27.0 40.6#

84 132.9 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 57.323 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY017183.D

Acq: 02 Feb 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

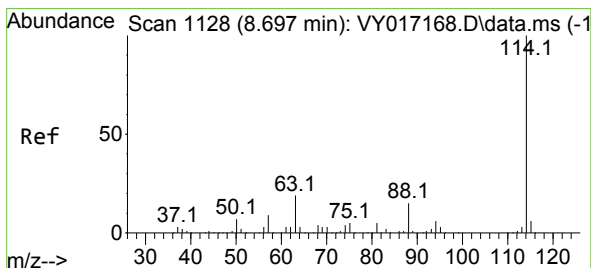
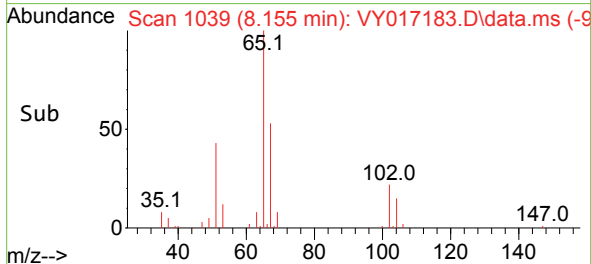
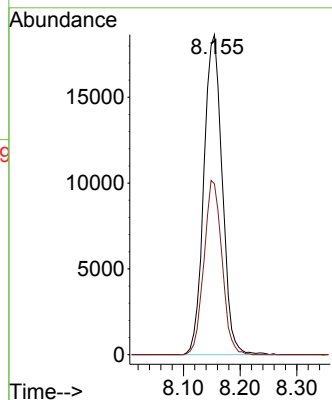
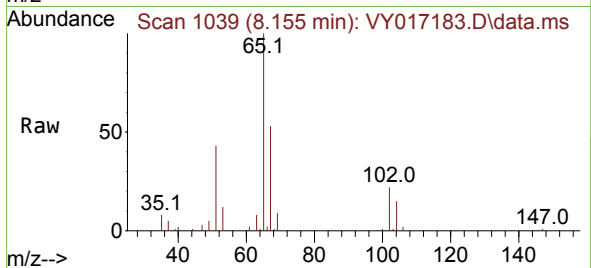
COMP-1

Tgt Ion: 65 Resp: 41854

Ion Ratio Lower Upper

65 100

67 53.4 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: VY017183.D

Acq: 02 Feb 2024 14:50

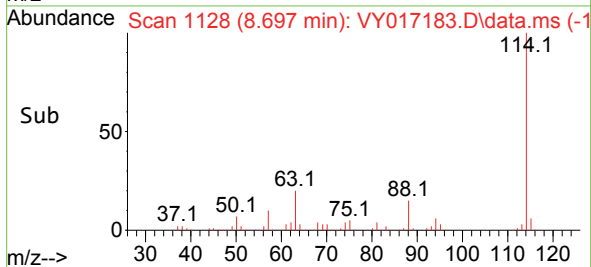
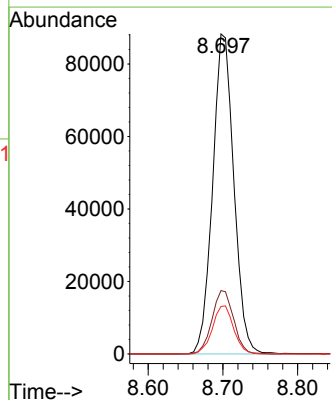
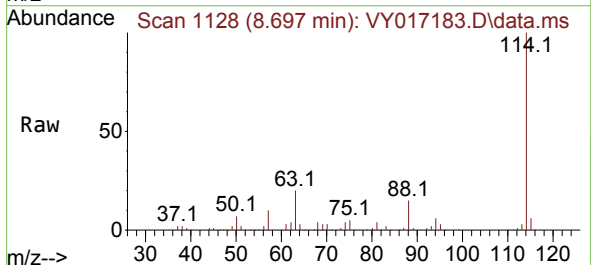
Tgt Ion:114 Resp: 174357

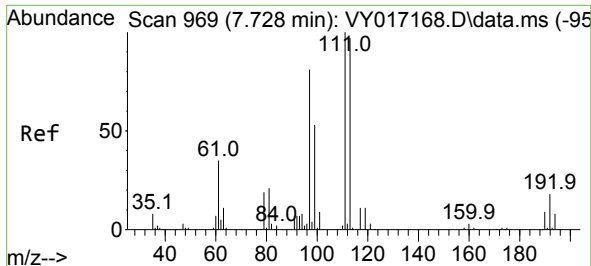
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.9 0.0 29.0

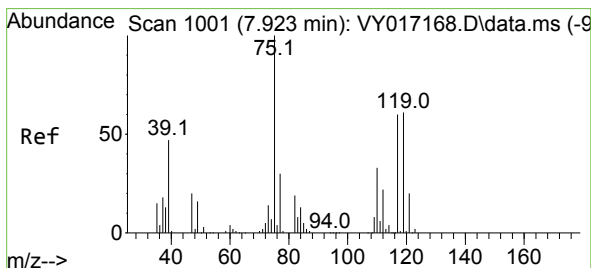
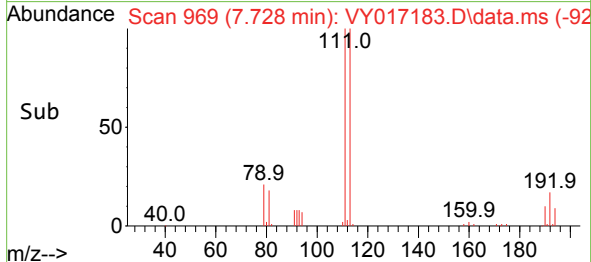
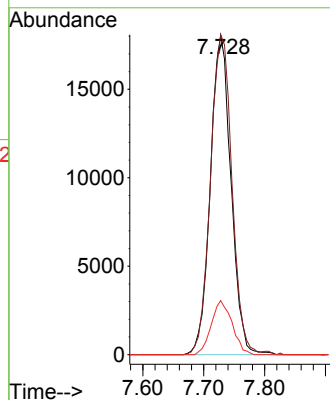
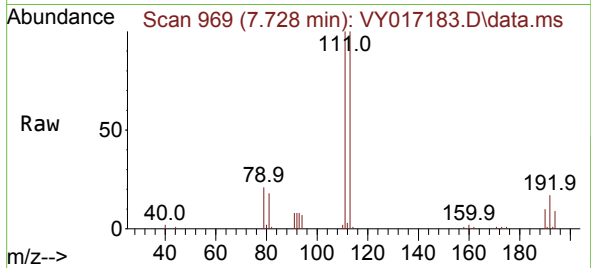




#35
Dibromofluoromethane
Concen: 45.185 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

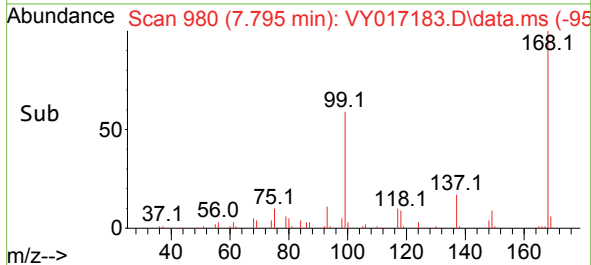
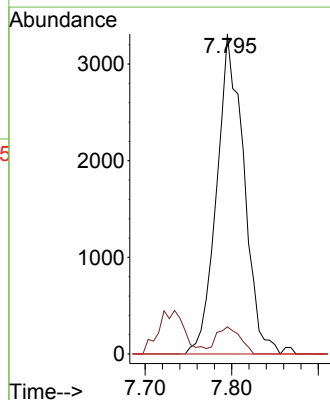
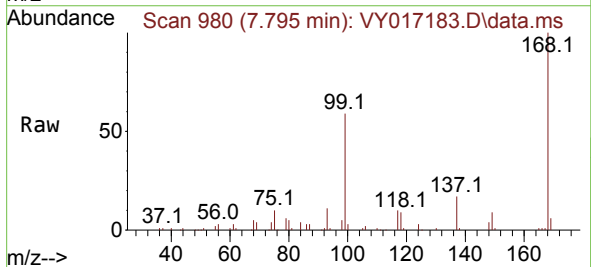
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

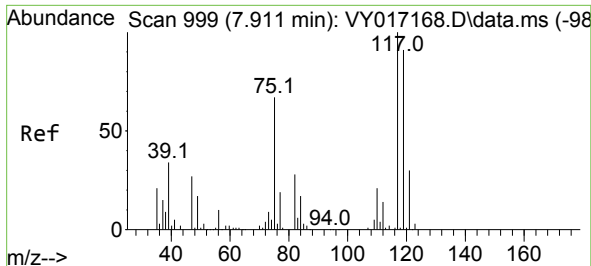
Tgt Ion:113 Resp: 42538
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 17.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.427 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

Tgt Ion: 75 Resp: 7189
Ion Ratio Lower Upper
75 100
110 7.4 17.4 52.3#
77 0.0 24.7 37.1#

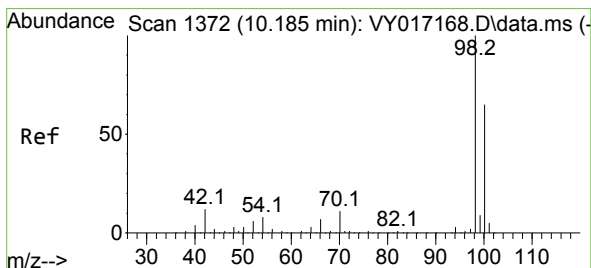
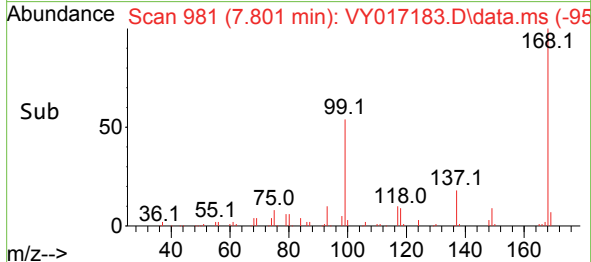
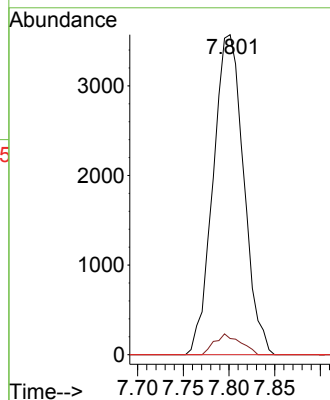
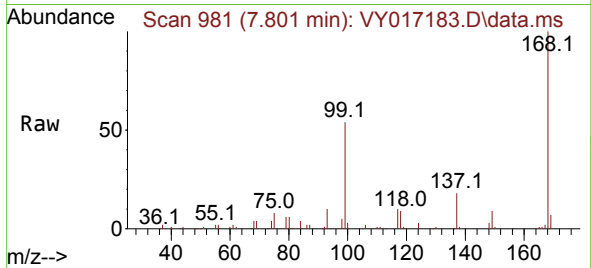




#38
Carbon Tetrachloride
Concen: 5.350 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

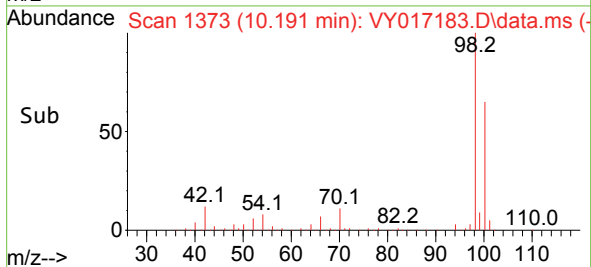
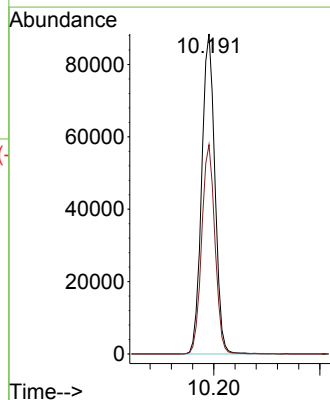
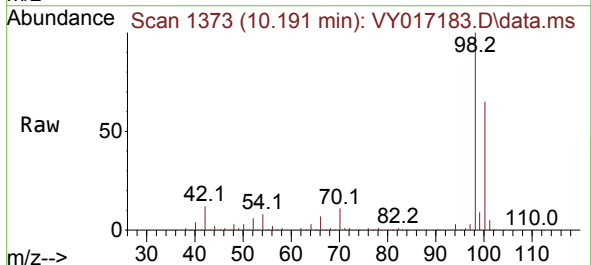
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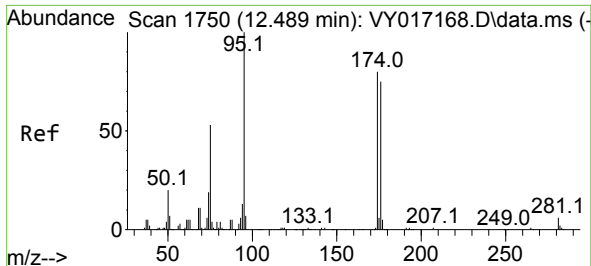
Tgt Ion:117 Resp: 8318
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.605 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

Tgt Ion: 98 Resp: 152890
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

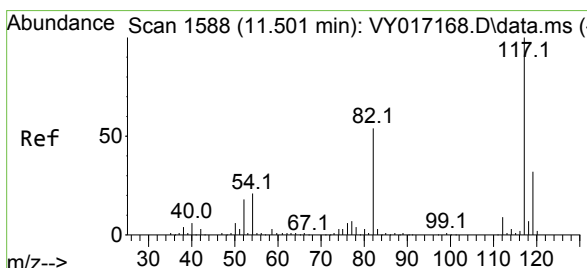
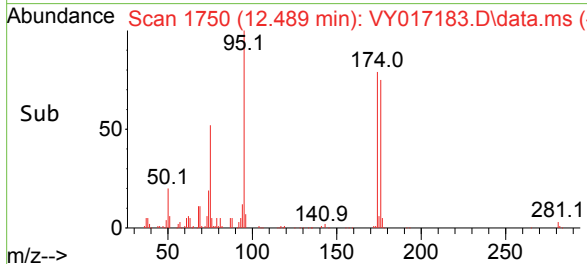
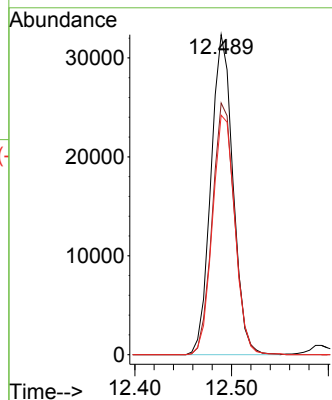
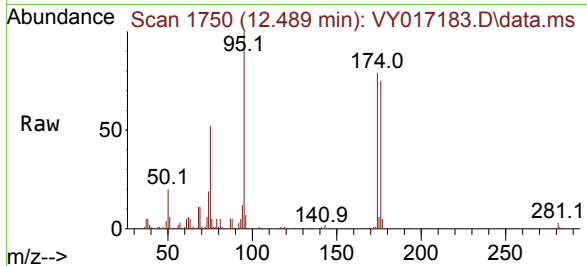




#62
4-Bromofluorobenzene
Concen: 45.689 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

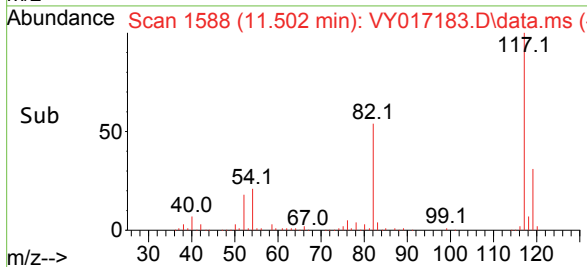
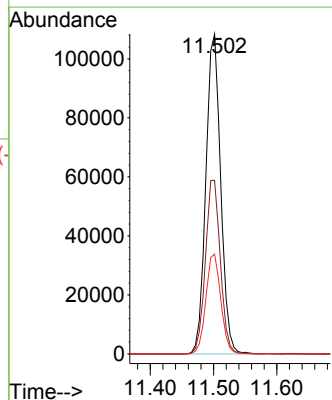
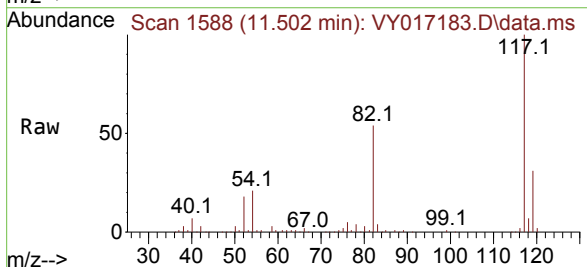
Instrument :
MSVOA_Y
ClientSampleId :
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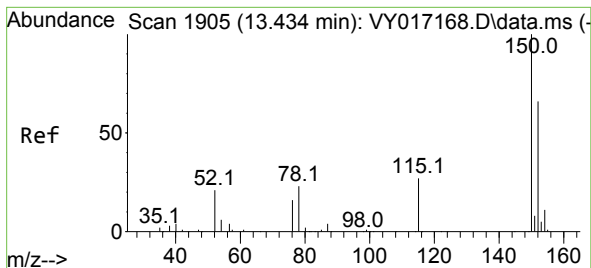
Tgt Ion:	95	Resp:	51301
Ion Ratio	Lower	Upper	
95	100		
174	79.3	0.0	160.0
176	76.2	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

Tgt Ion:	117	Resp:	177075
Ion Ratio	Lower	Upper	
117	100		
82	54.2	43.8	65.8
119	31.2	26.5	39.7

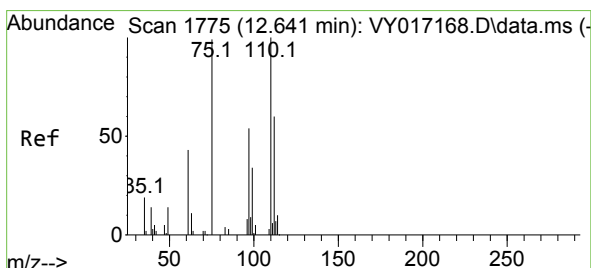
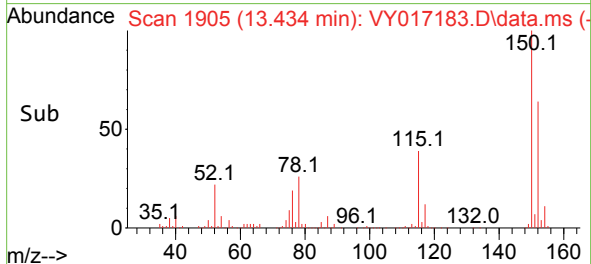
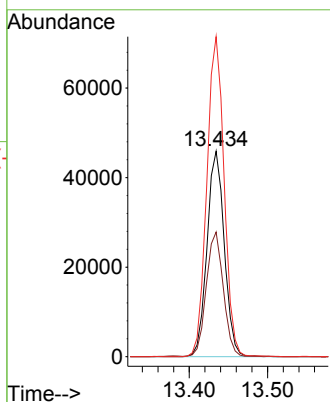
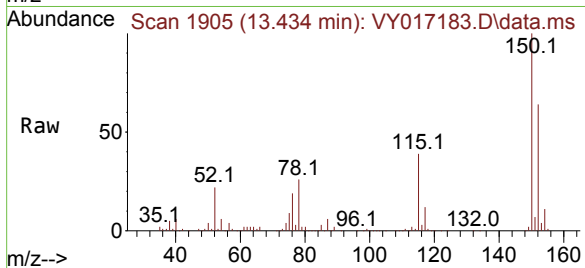




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

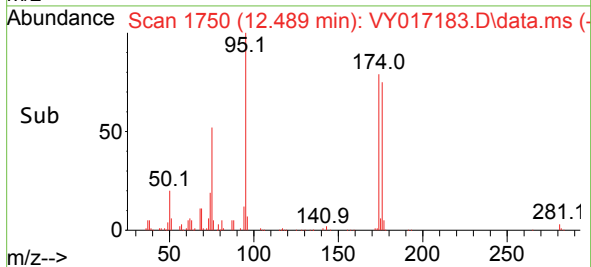
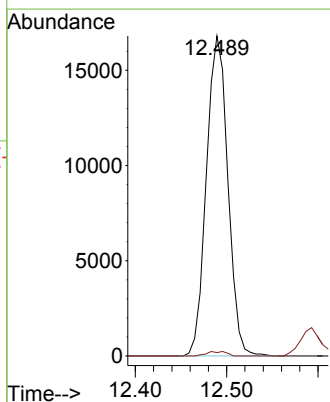
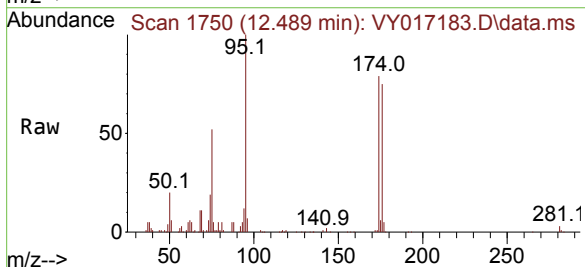
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

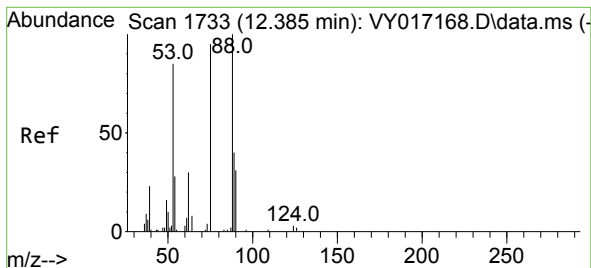
Tgt Ion:152 Resp: 70198
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 156.1 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 42.215 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

Tgt Ion: 75 Resp: 27352
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

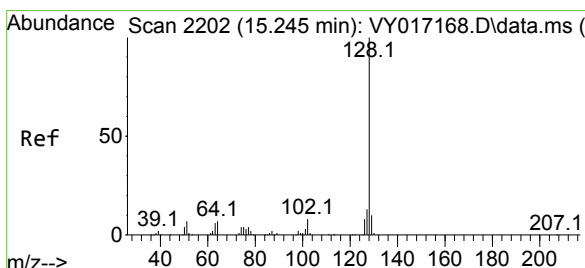
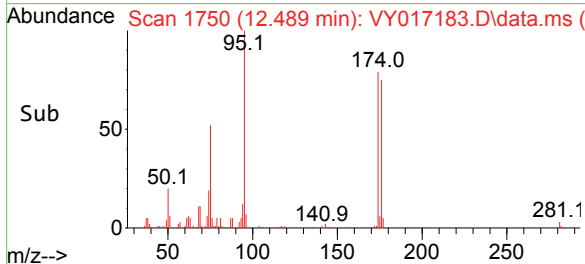
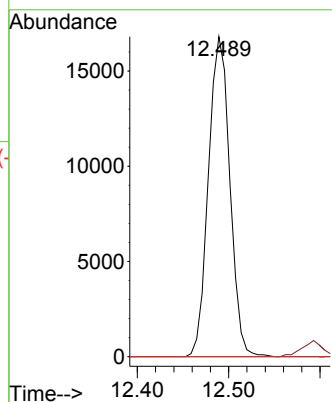
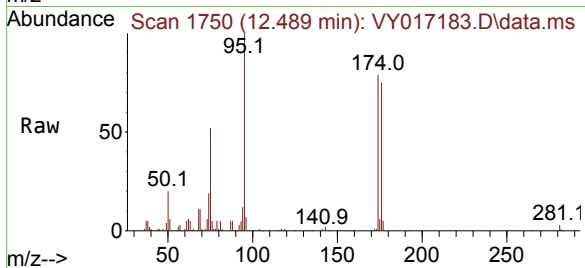




#81
trans-1,4-Dichloro-2-butene
Concen: 87.718 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion: 75 Resp: 27352
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.516 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

Tgt Ion: 128 Resp: 187
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

