

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017288.D
 Acq On : 07 Feb 2024 14:50
 Operator : SY/MD
 Sample : P1364-01RE
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Feb 08 01:43:09 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	78917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	140308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	41392	58.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.420%
35) Dibromofluoromethane	7.722	113	38819	45.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.360%
50) Toluene-d8	10.185	98	138932	44.901	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.800%
62) 4-Bromofluorobenzene	12.483	95	40425	39.882	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.760%

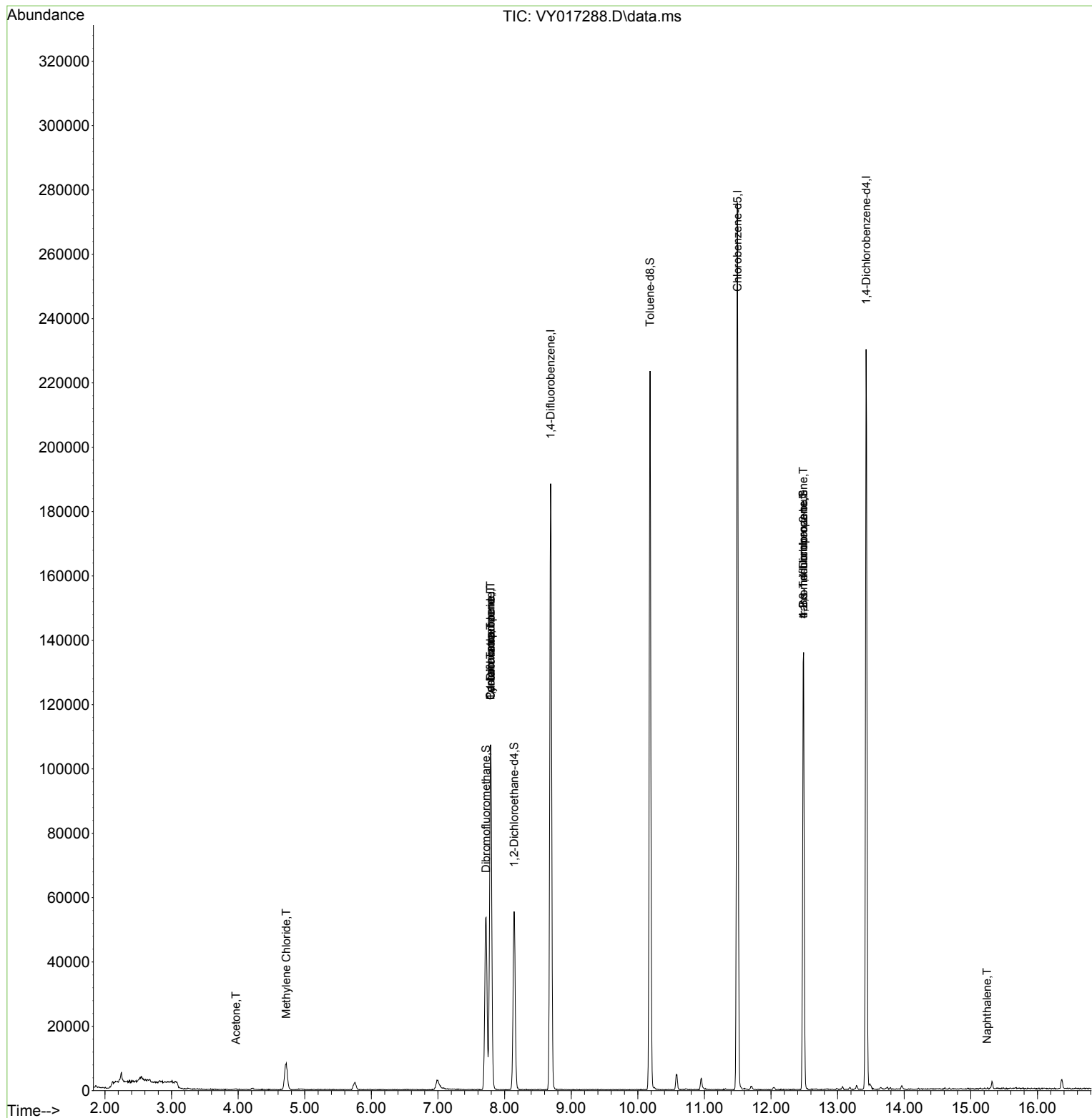
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	248	Below Cal	#	75
16) Acetone	3.967	43	437	2.109	ug/l #	41
20) Methylene Chloride	4.722	84	6021	3.862	ug/l	97
31) Cyclohexane	7.789	56	2133	1.501	ug/l #	20
36) 1,1-Dichloropropene	7.789	75	7647	5.216	ug/l #	48
38) Carbon Tetrachloride	7.789	117	8031	5.722	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	23009	45.576	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23009	94.700	ug/l #	12
95) Naphthalene	15.245	128	233	3.573	ug/l #	69

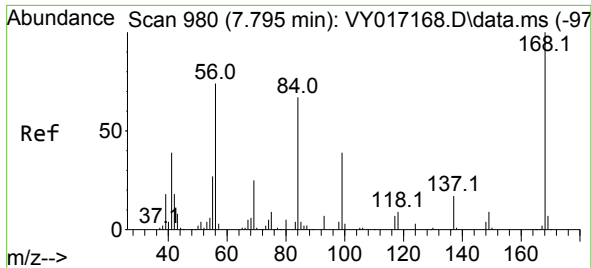
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

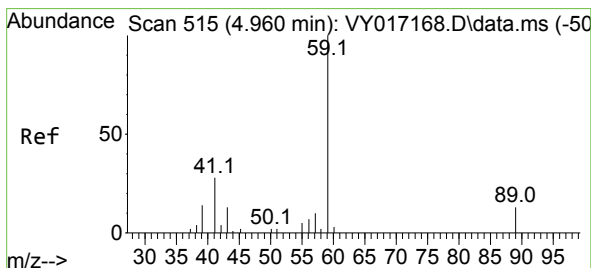
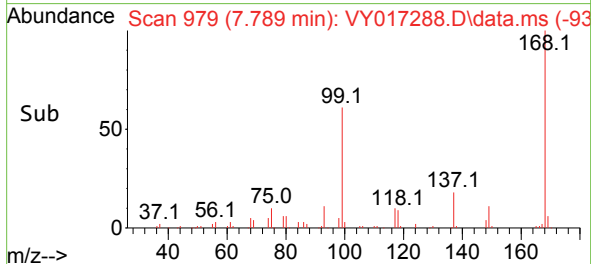
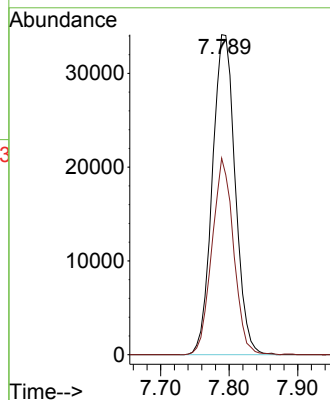
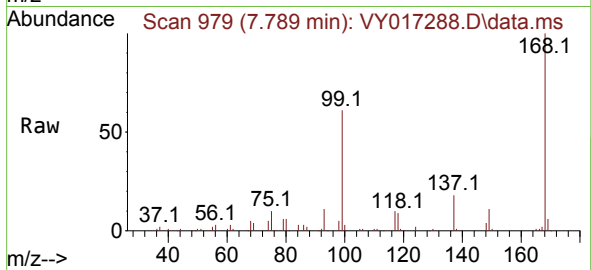




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017288.D
Acq: 07 Feb 2024 14:50

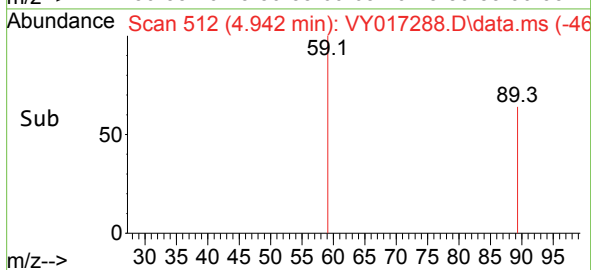
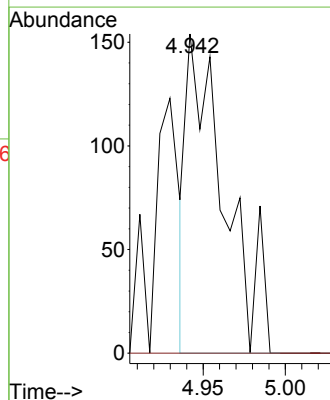
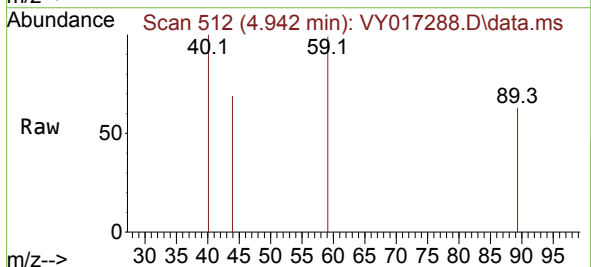
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

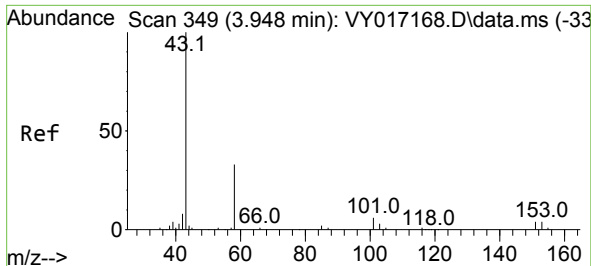
Tgt Ion:168 Resp: 78917
Ion Ratio Lower Upper
168 100
99 61.4 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY017288.D
Acq: 07 Feb 2024 14:50

Tgt Ion: 59 Resp: 248
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 2.109 ug/l

RT: 3.967 min Scan# 3

Delta R.T. 0.019 min

Lab File: VY017288.D

Acq: 07 Feb 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

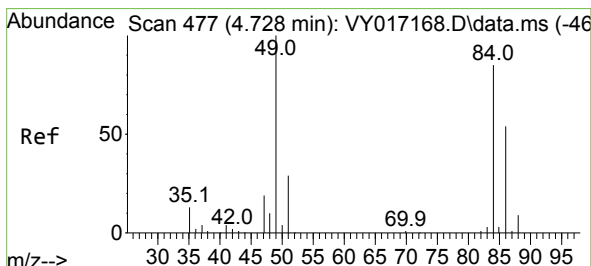
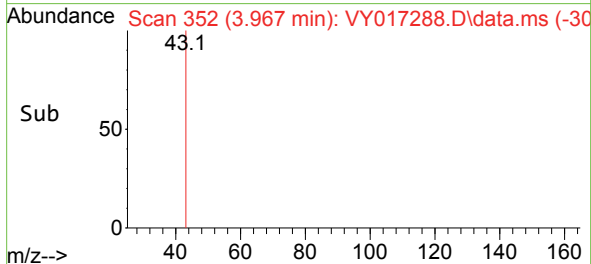
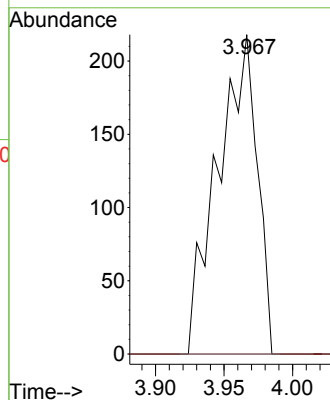
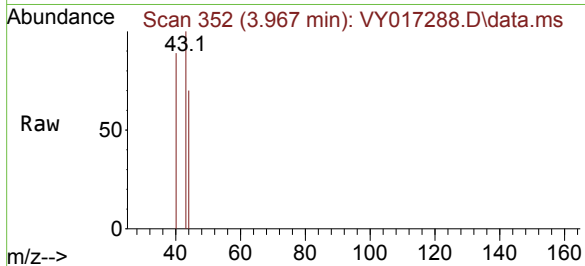
COMP-1

Tgt Ion: 43 Resp: 437

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#20

Methylene Chloride

Concen: 3.862 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY017288.D

Acq: 07 Feb 2024 14:50

Tgt Ion: 84 Resp: 6021

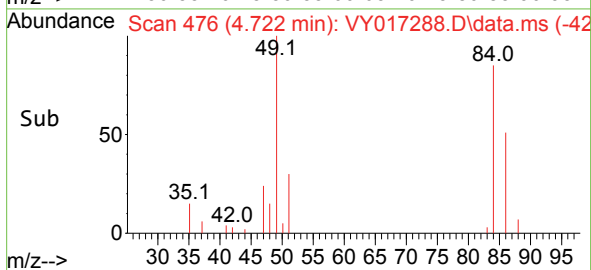
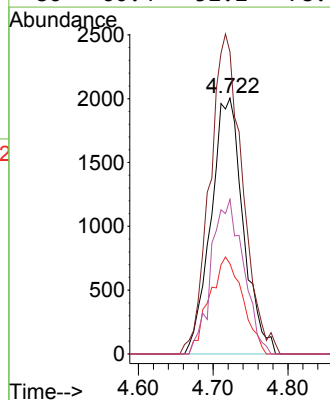
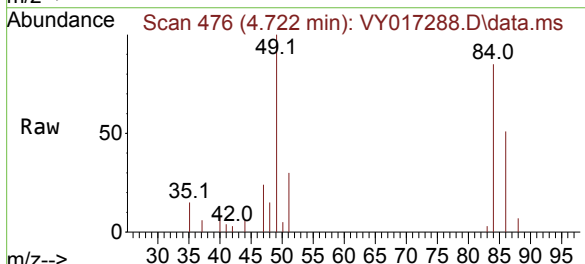
Ion Ratio Lower Upper

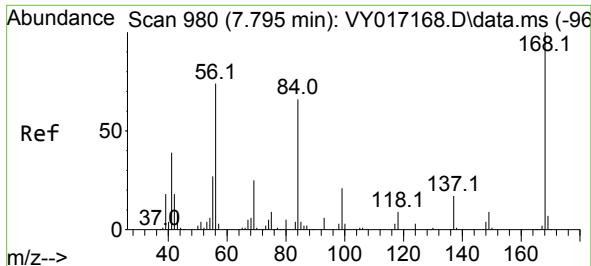
84 100

49 118.1 95.2 142.8

51 35.3 29.9 44.9

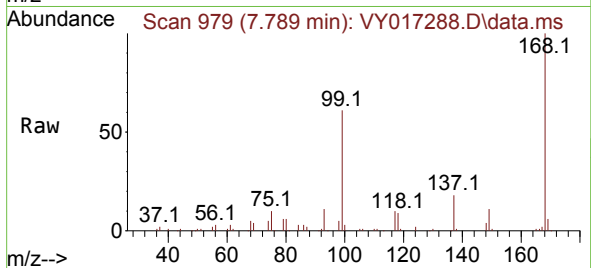
86 60.4 52.2 78.4



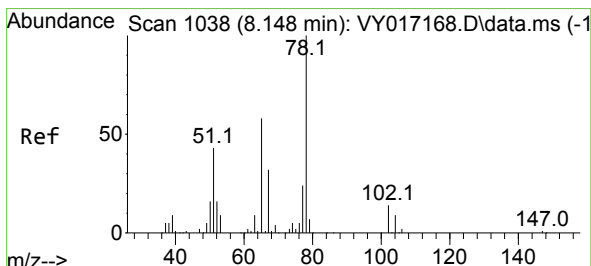
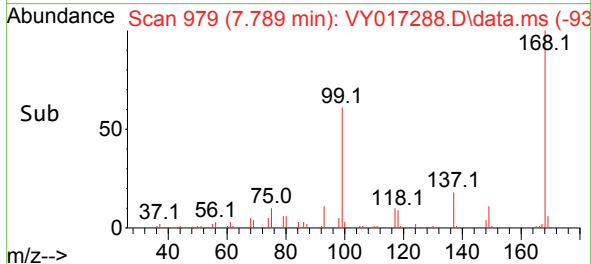
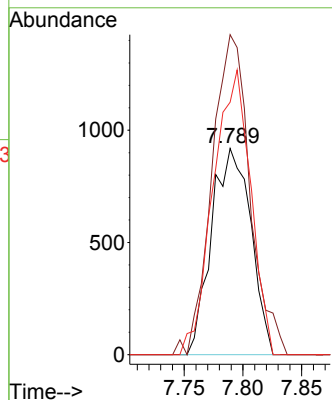


#31
Cyclohexane
Concen: 1.501 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017288.D
Acq: 07 Feb 2024 14:50

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

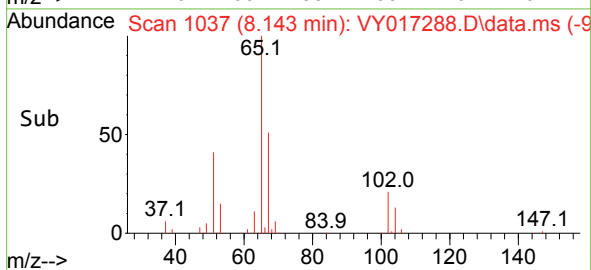
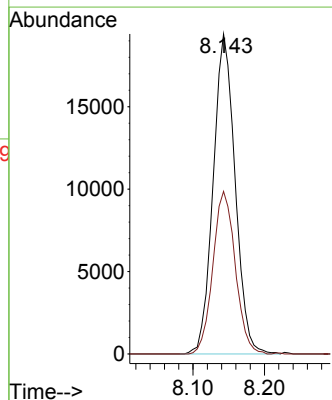
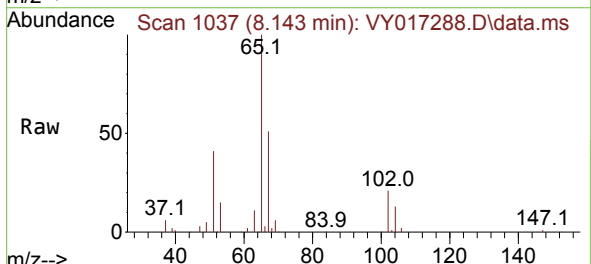


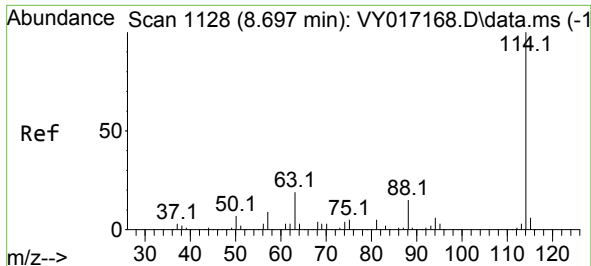
Tgt Ion: 56 Resp: 2133
Ion Ratio Lower Upper
56 100
69 148.0 27.0 40.6#
84 122.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 58.712 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017288.D
Acq: 07 Feb 2024 14:50

Tgt Ion: 65 Resp: 41392
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017288.D

Acq: 07 Feb 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

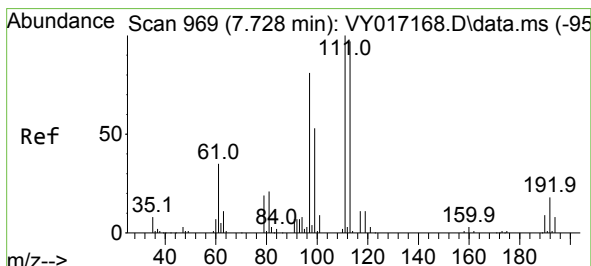
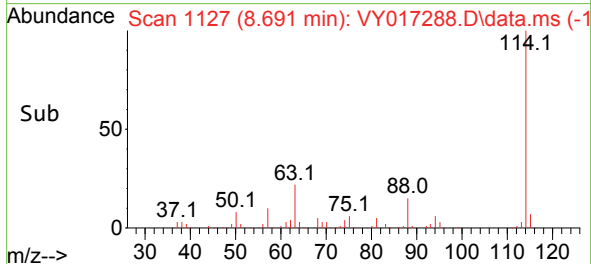
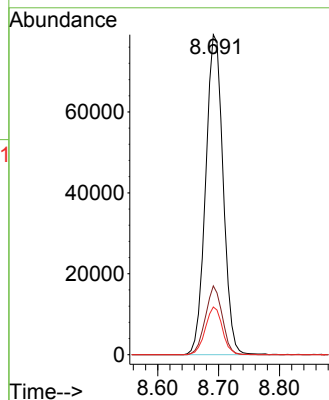
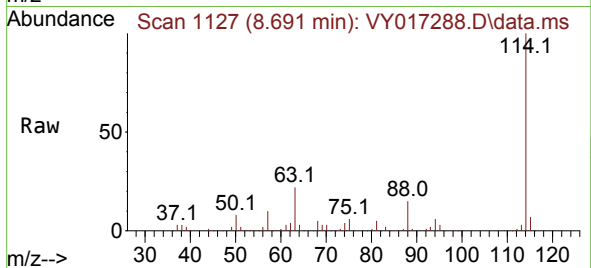
Tgt Ion:114 Resp: 157397

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.678 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017288.D

Acq: 07 Feb 2024 14:50

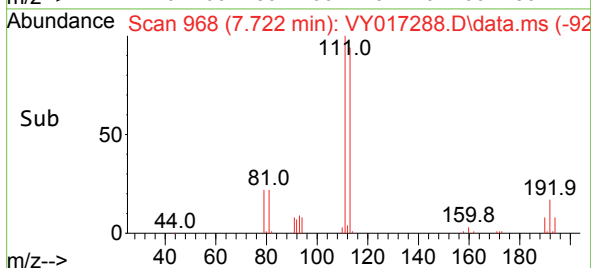
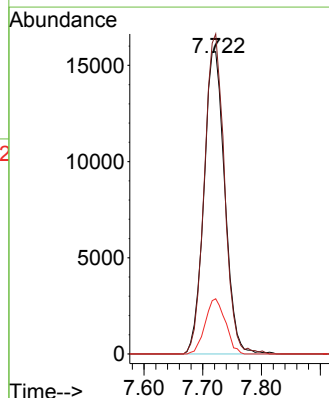
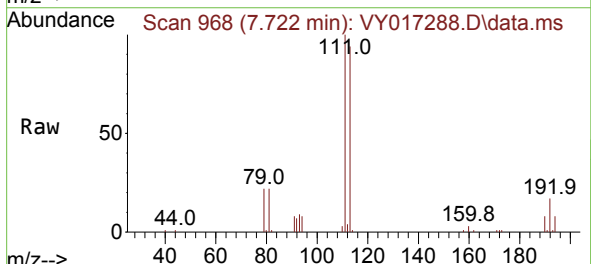
Tgt Ion:113 Resp: 38819

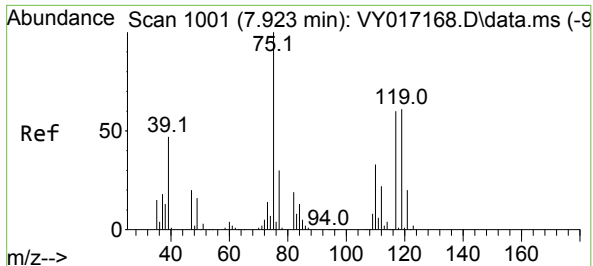
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.7 14.5 21.7

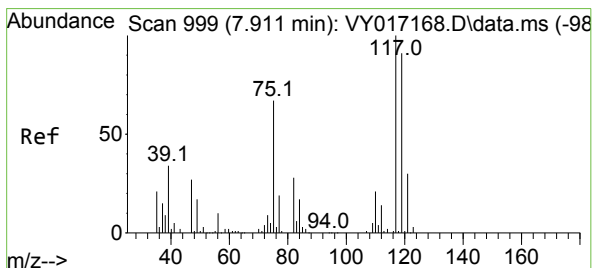
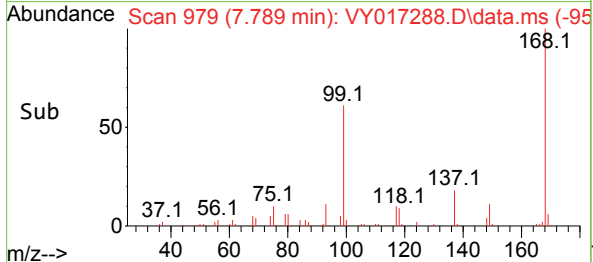
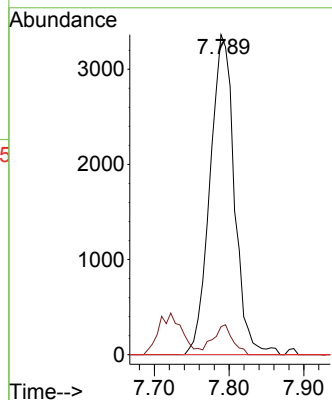
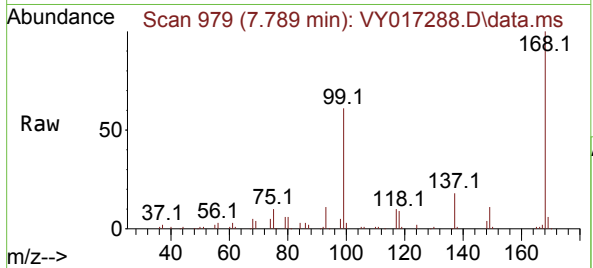




#36
 1,1-Dichloropropene
 Concen: 5.216 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY017288.D
 Acq: 07 Feb 2024 14:50

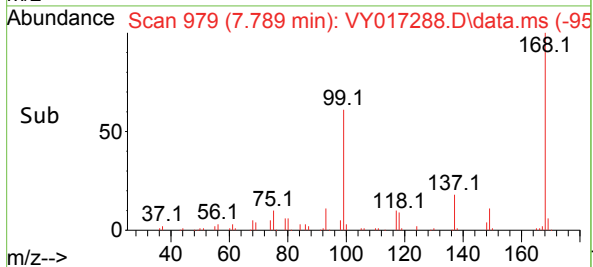
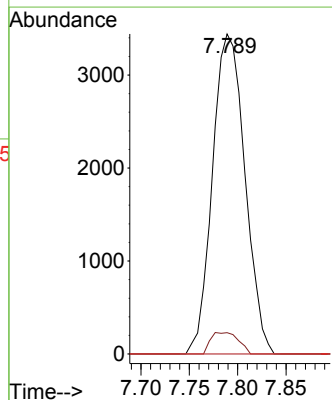
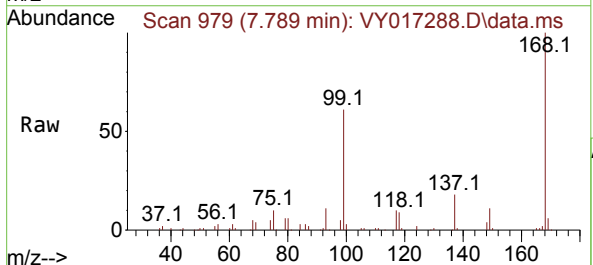
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

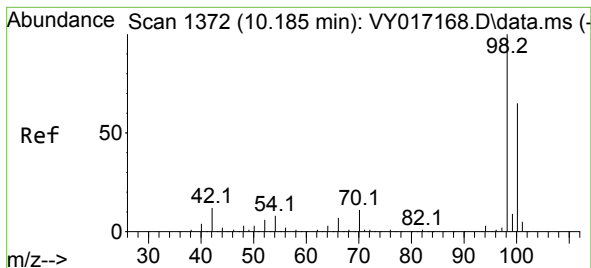
Tgt Ion: 75 Resp: 7647
 Ion Ratio Lower Upper
 75 100
 110 7.4 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.722 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY017288.D
 Acq: 07 Feb 2024 14:50

Tgt Ion: 117 Resp: 8031
 Ion Ratio Lower Upper
 117 100
 119 6.7 76.0 114.0#
 121 0.0 24.2 36.2#

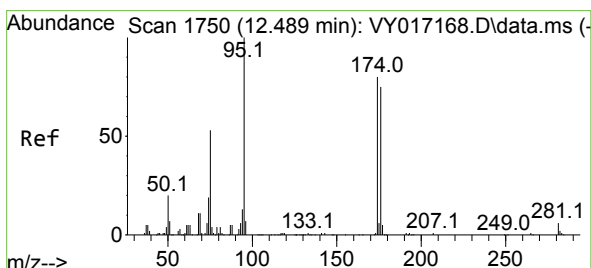
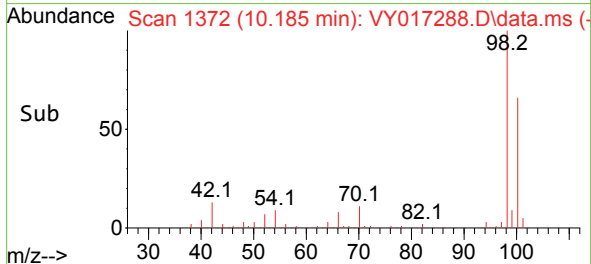
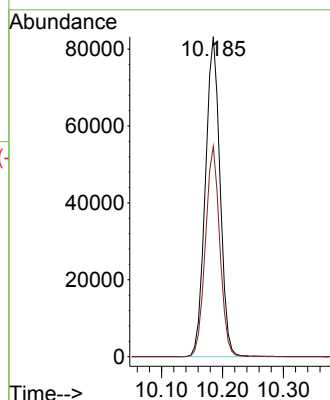
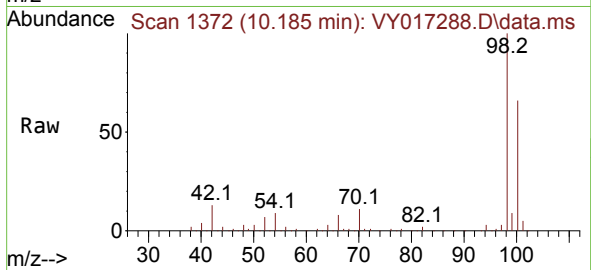




#50
Toluene-d8
Concen: 44.901 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017288.D
Acq: 07 Feb 2024 14:50

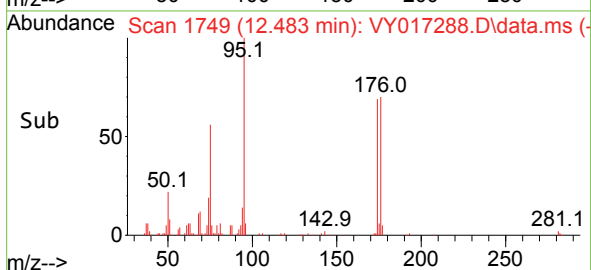
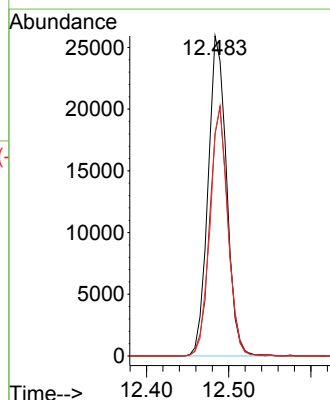
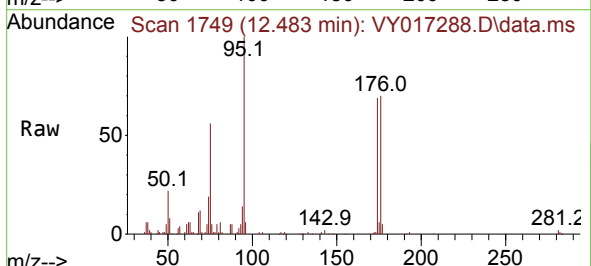
Instrument :
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ClientSampleId :
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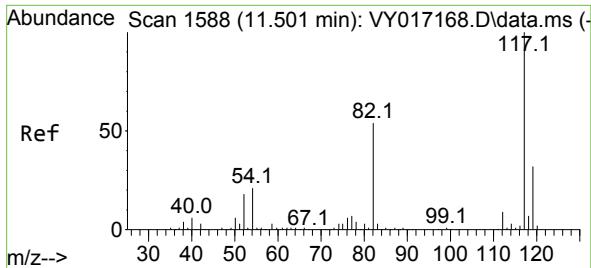
Tgt Ion: 98 Resp: 138932
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.882 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017288.D
Acq: 07 Feb 2024 14:50

Tgt Ion: 95 Resp: 40425
Ion Ratio Lower Upper
95 100
174 76.8 0.0 160.0
176 75.4 0.0 151.8

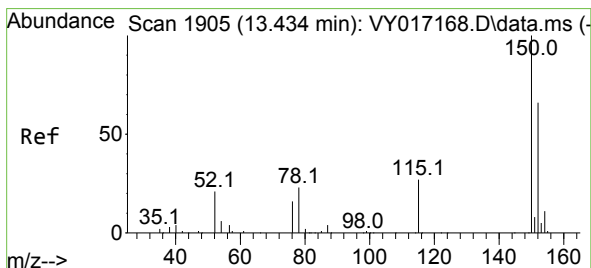
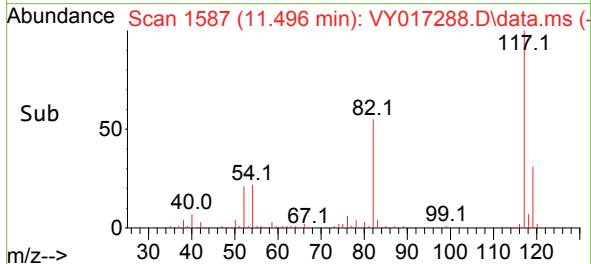
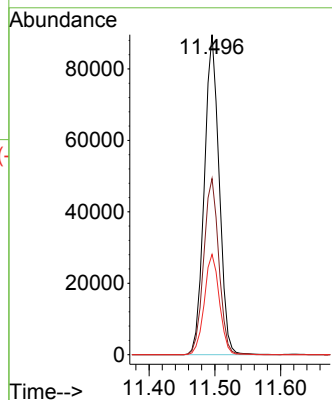
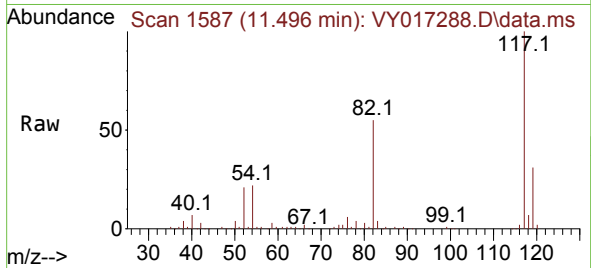




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017288.D
Acq: 07 Feb 2024 14:50

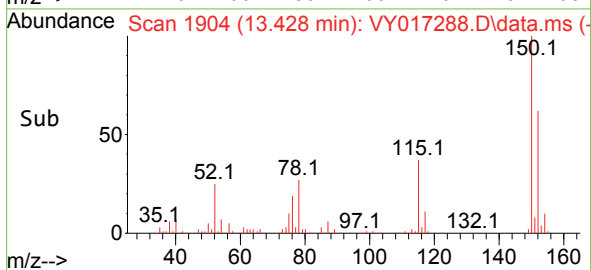
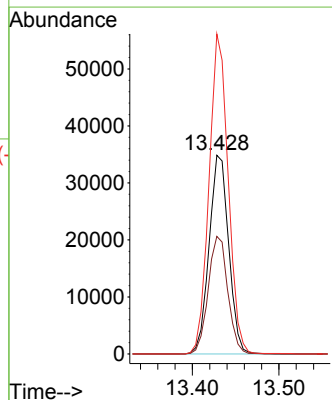
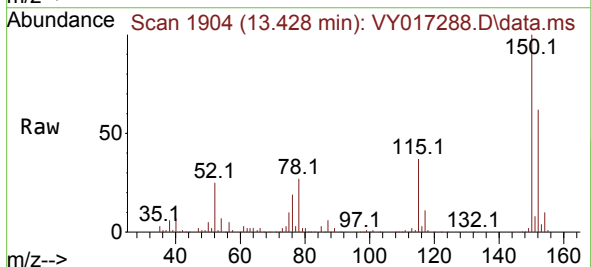
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

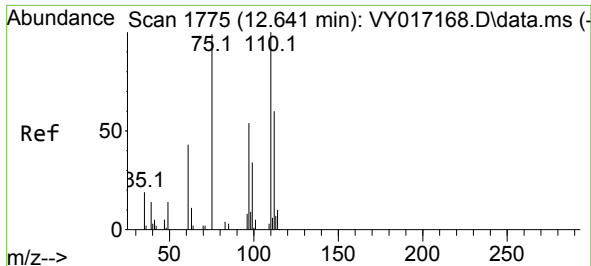
Tgt Ion:117 Resp: 140308
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 31.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017288.D
Acq: 07 Feb 2024 14:50

Tgt Ion:152 Resp: 54698
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 157.5 0.0 344.6

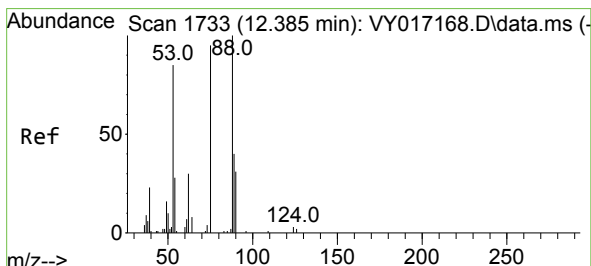
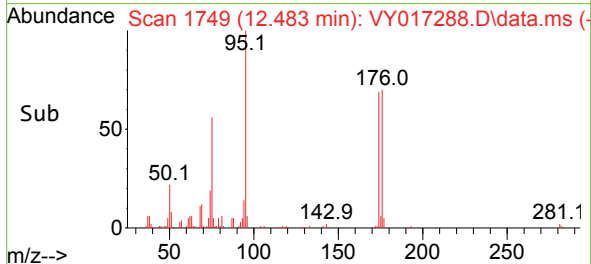
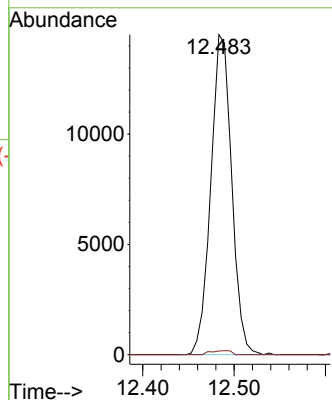
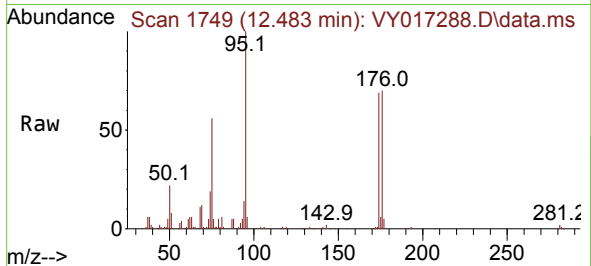




#76
1,2,3-Trichloropropane
Concen: 45.576 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.158 min
Lab File: VY017288.D
Acq: 07 Feb 2024 14:50

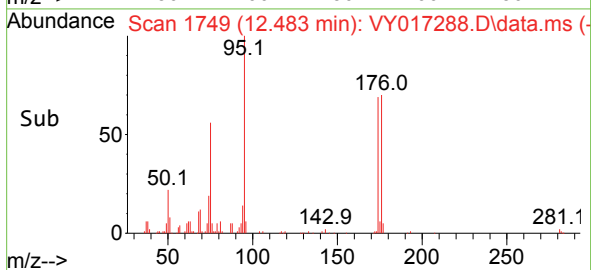
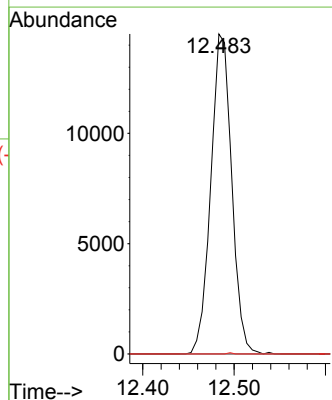
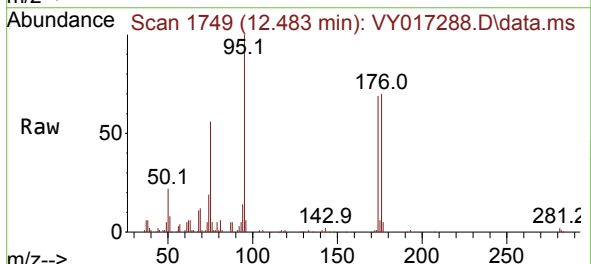
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

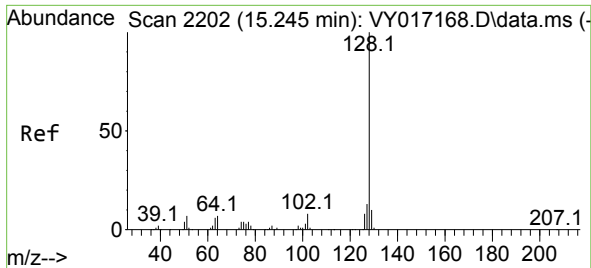
Tgt Ion: 75 Resp: 23009
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.700 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017288.D
Acq: 07 Feb 2024 14:50

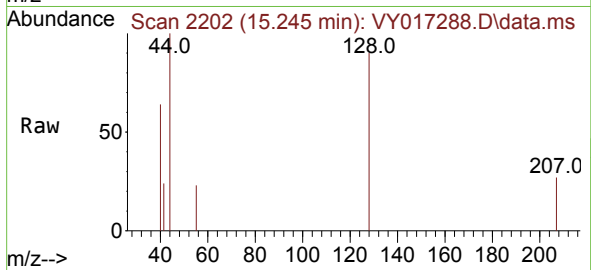
Tgt Ion: 75 Resp: 23009
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#





#95
Naphthalene
Concen: 3.573 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017288.D
Acq: 07 Feb 2024 14:50

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



Tgt Ion:128 Resp: 233
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

