

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017539.D
 Acq On : 29 Feb 2024 19:39
 Operator : SY/MD
 Sample : P1620-11
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Mar 01 00:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

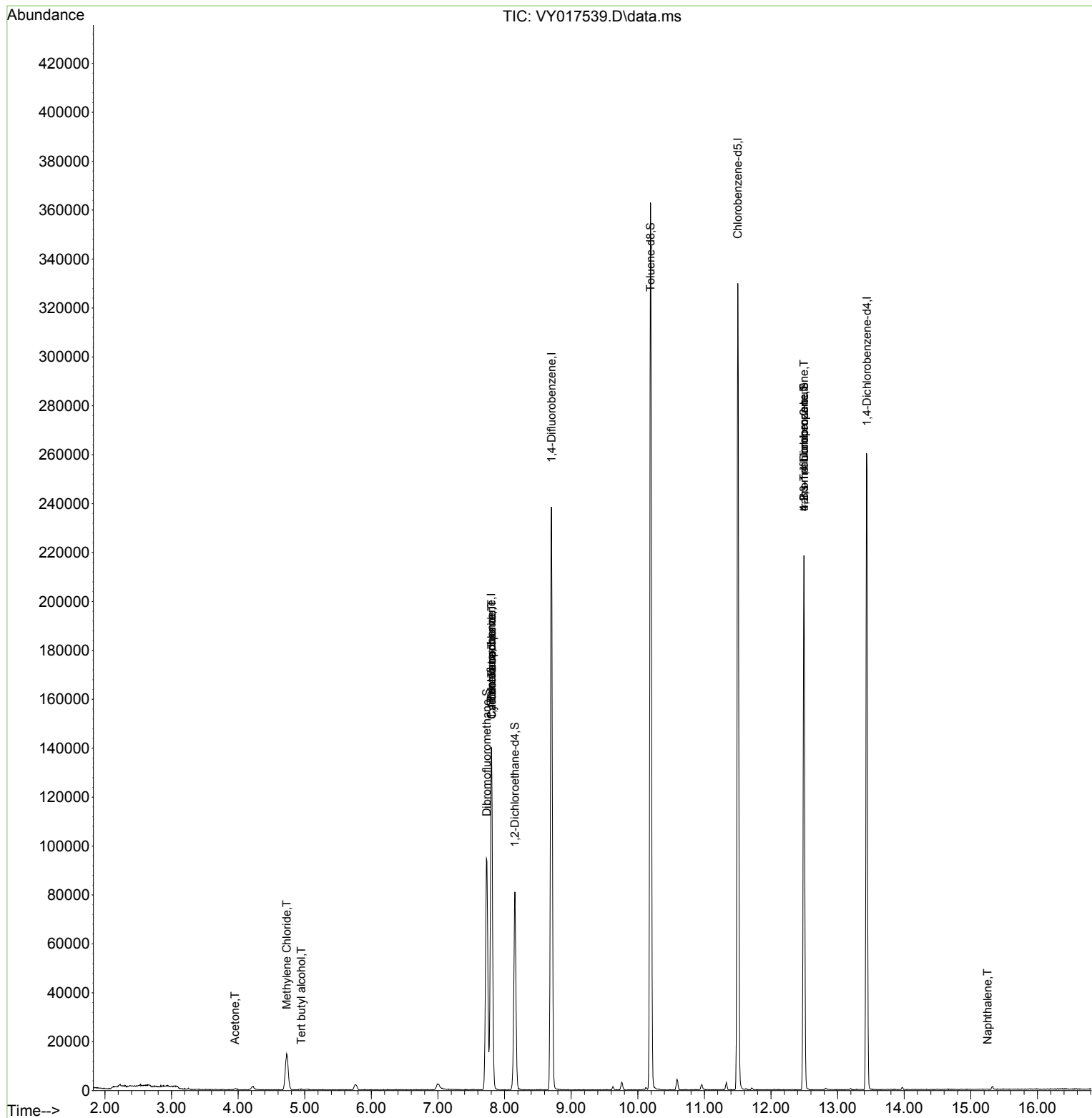
Internal Standards						
1) Pentafluorobenzene	7.801	168	116070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	212535	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	189730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	70873	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	58533	53.210	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.420%	
35) Dibromofluoromethane	7.734	113	68977	46.574	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.140%	
50) Toluene-d8	10.191	98	242601	46.851	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.700%	
62) 4-Bromofluorobenzene	12.496	95	64418	39.584	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.160%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	218	2.333	ug/l #	88
16) Acetone	3.954	43	917	4.298	ug/l #	36
20) Methylene Chloride	4.729	84	12222	4.798	ug/l	90
31) Cyclohexane	7.807	56	1862	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	8408	4.208	ug/l #	48
38) Carbon Tetrachloride	7.807	117	10676	5.331	ug/l #	18
76) 1,2,3-Trichloropropane	12.496	75	32596	48.405	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	32596	111.224	ug/l #	16
95) Naphthalene	15.251	128	146	3.975	ug/l #	69

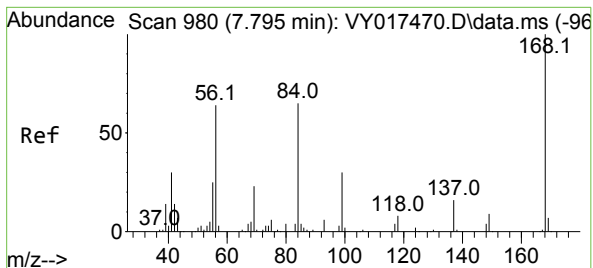
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
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Quant Time: Mar 01 00:35:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY017539.D

Acq: 29 Feb 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

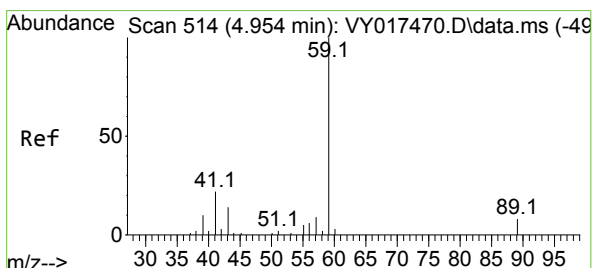
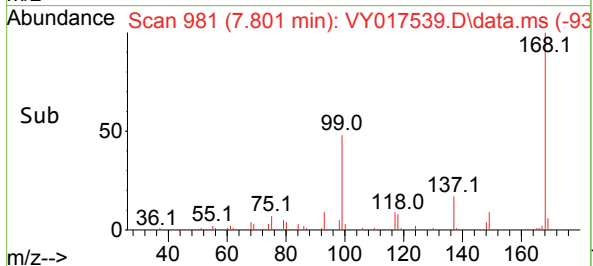
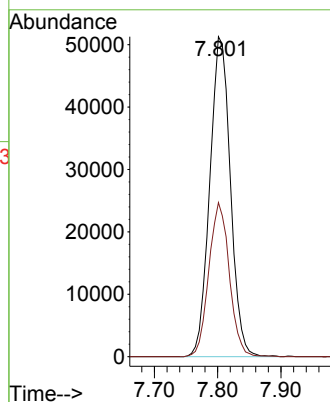
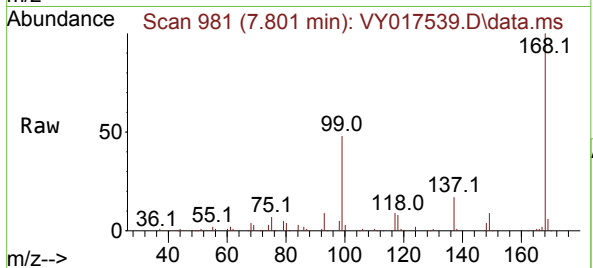
SP-2

Tgt Ion:168 Resp: 116070

Ion Ratio Lower Upper

168 100

99 48.1 39.1 58.7



#11

Tert butyl alcohol

Concen: 2.333 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY017539.D

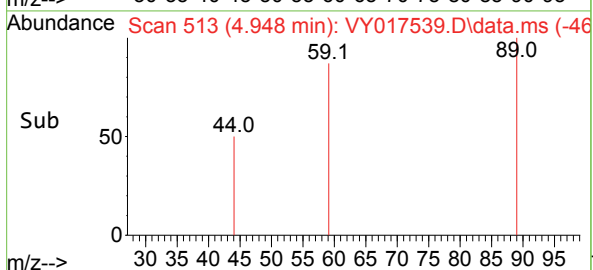
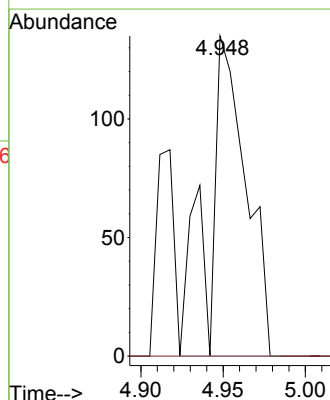
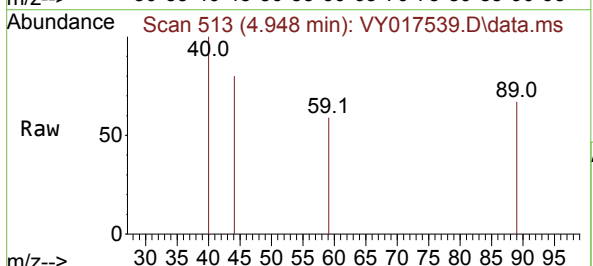
Acq: 29 Feb 2024 19:39

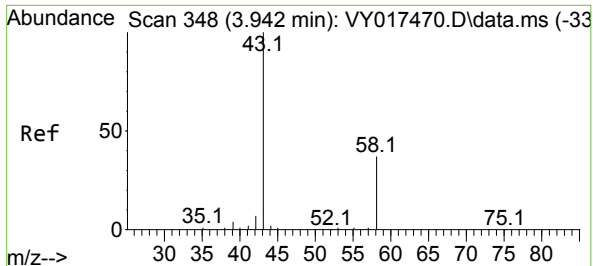
Tgt Ion: 59 Resp: 218

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#





#16

Acetone

Concen: 4.298 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY017539.D

Acq: 29 Feb 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

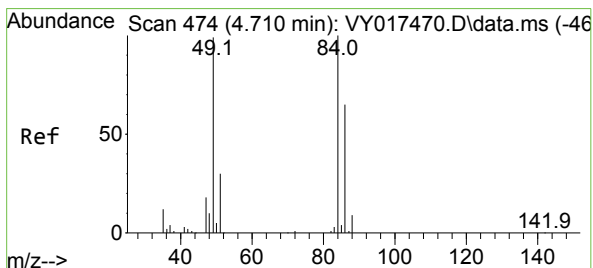
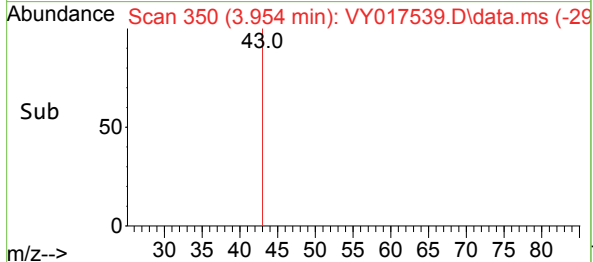
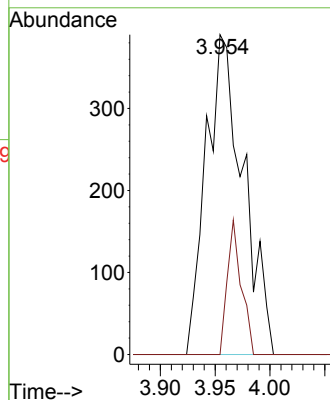
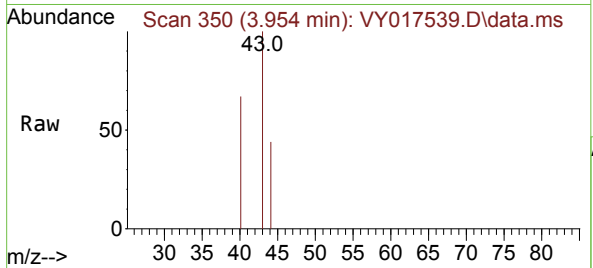
SP-2

Tgt Ion: 43 Resp: 917

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 4.798 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.019 min

Lab File: VY017539.D

Acq: 29 Feb 2024 19:39

Tgt Ion: 84 Resp: 12222

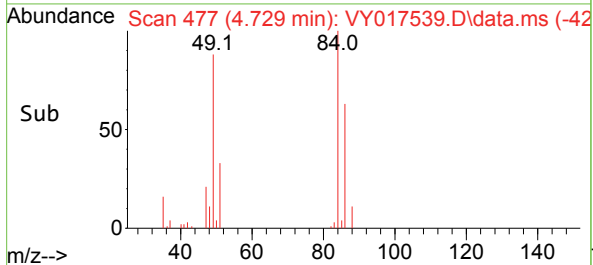
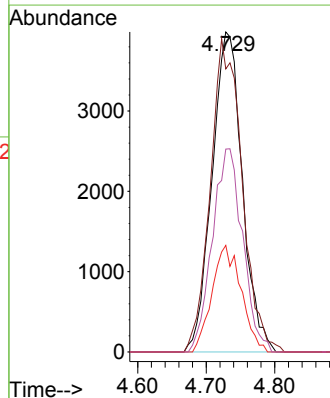
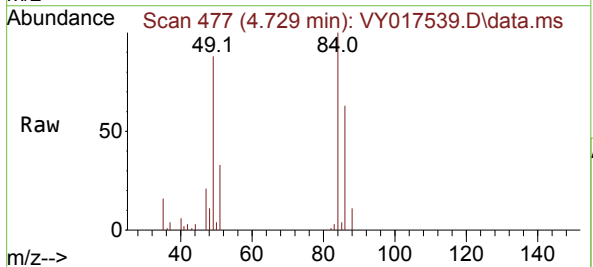
Ion Ratio Lower Upper

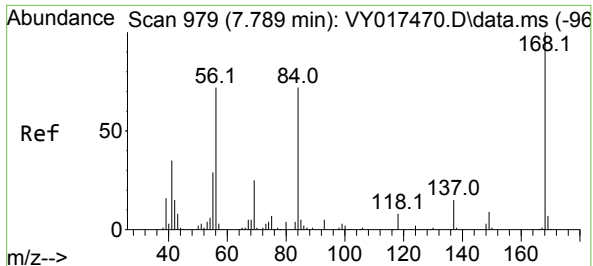
84 100

49 88.4 84.4 126.6

51 33.3 26.0 39.0

86 63.4 49.5 74.3

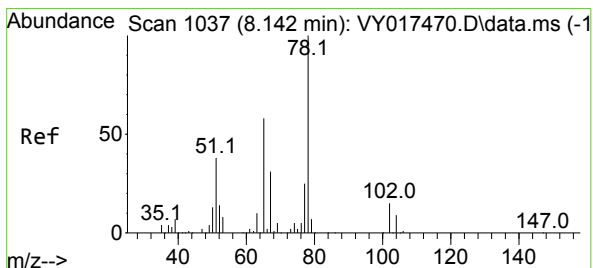
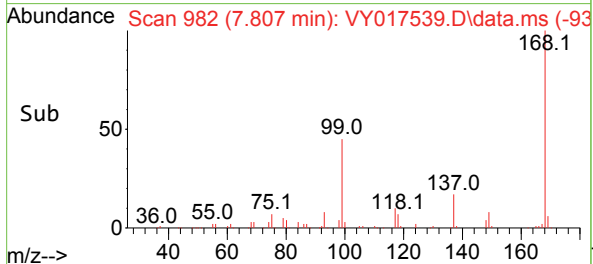
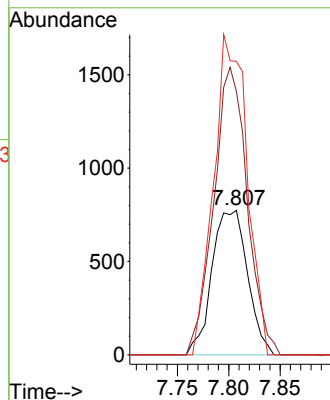
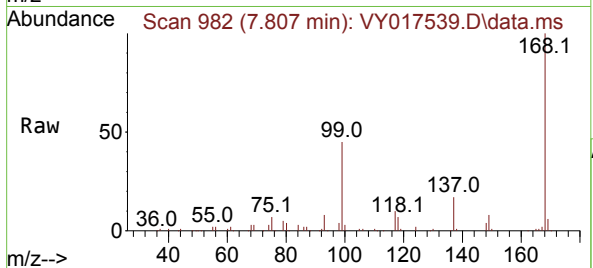




#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

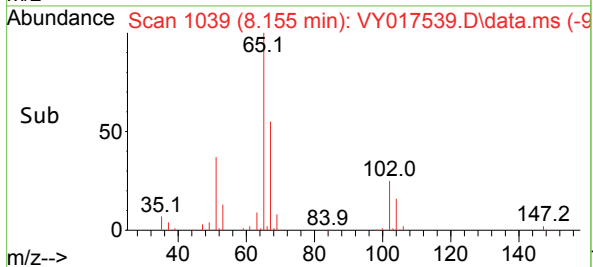
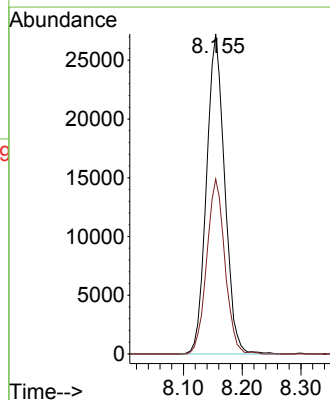
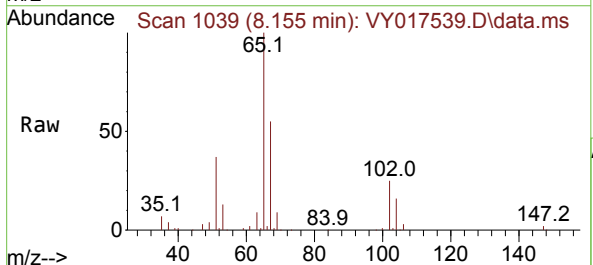
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

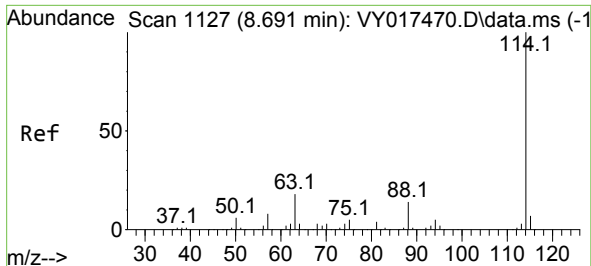
Tgt Ion: 56 Resp: 1862
Ion Ratio Lower Upper
56 100
69 182.4 28.7 43.1#
84 203.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.210 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

Tgt Ion: 65 Resp: 58533
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

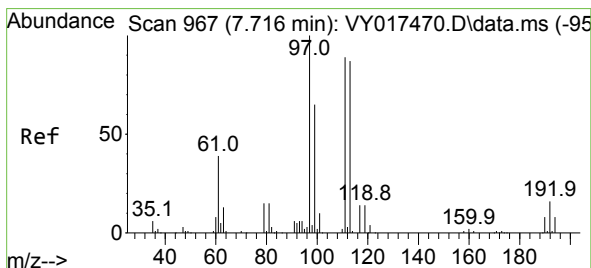
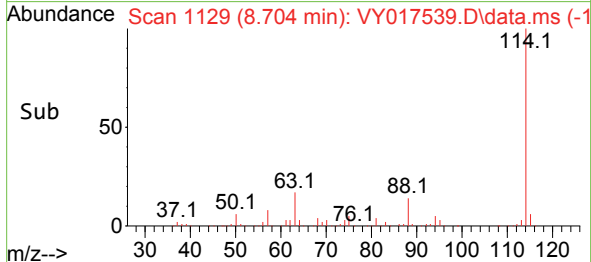
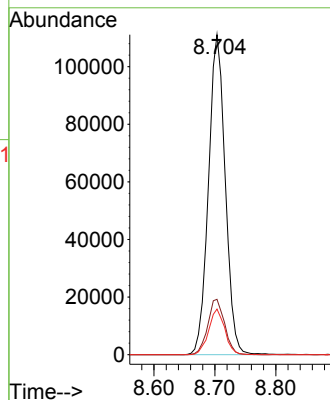
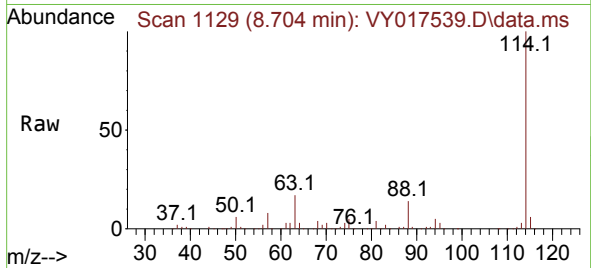




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1127
Delta R.T. 0.012 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

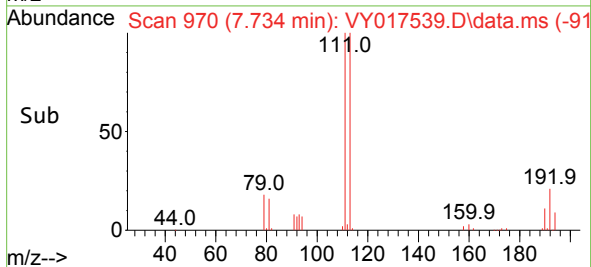
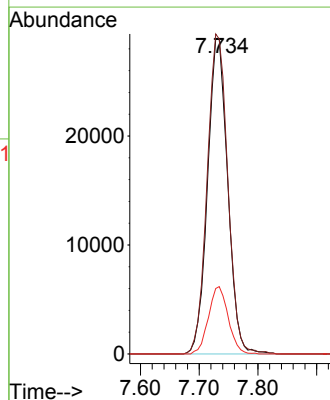
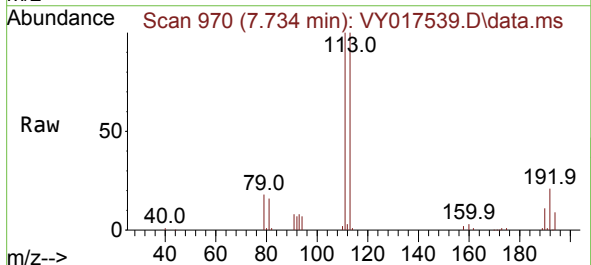
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

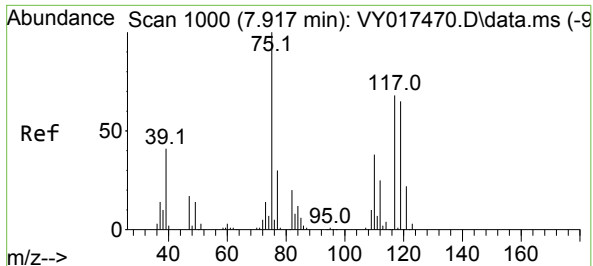
Tgt Ion:114 Resp: 212535
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.574 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.019 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

Tgt Ion:113 Resp: 68977
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 20.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.208 ug/l

RT: 7.807 min Scan# 9

Delta R.T. -0.110 min

Lab File: VY017539.D

Acq: 29 Feb 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

SP-2

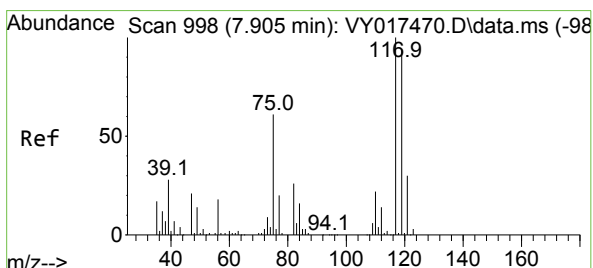
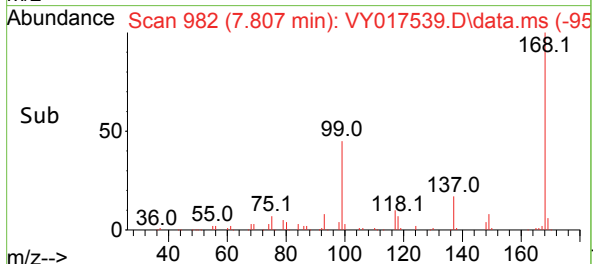
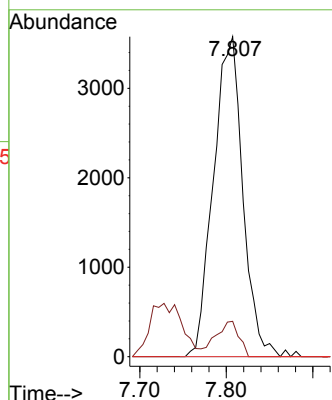
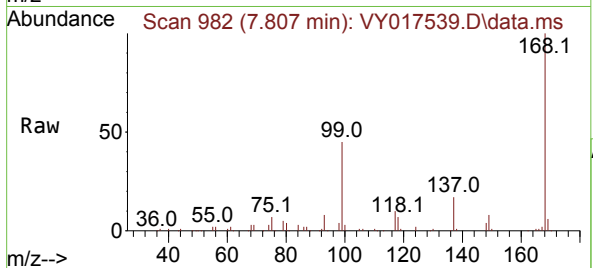
Tgt Ion: 75 Resp: 8408

Ion Ratio Lower Upper

75 100

110 8.7 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.331 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.097 min

Lab File: VY017539.D

Acq: 29 Feb 2024 19:39

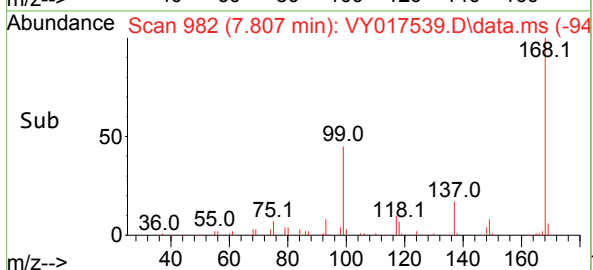
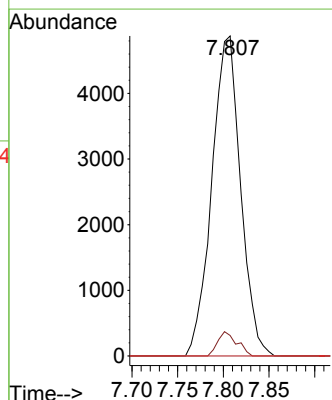
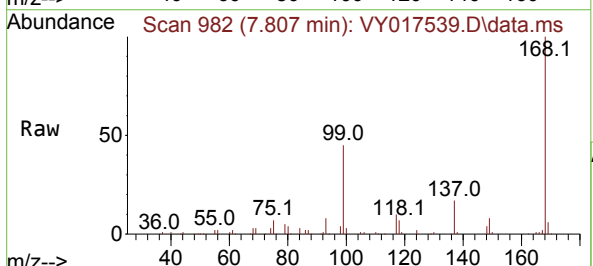
Tgt Ion: 117 Resp: 10676

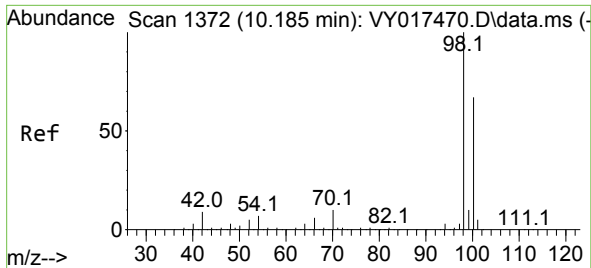
Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

121 0.0 24.0 36.0#

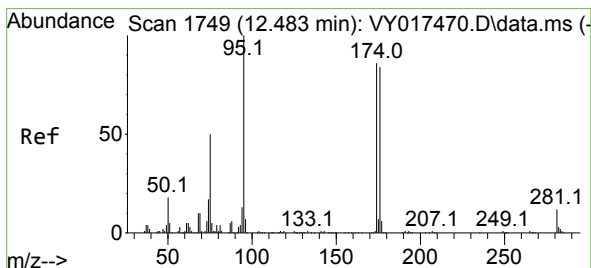
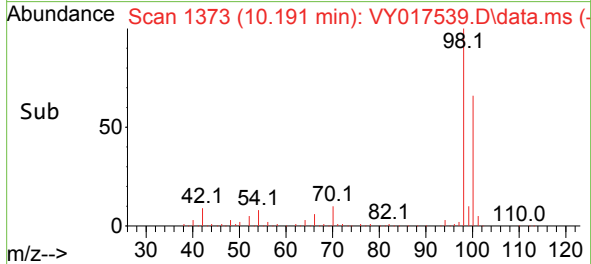
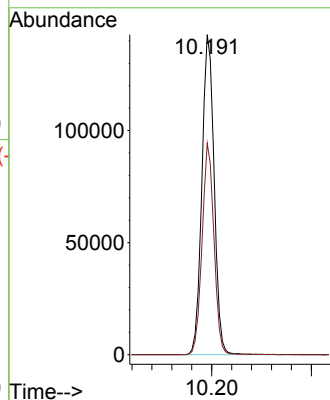
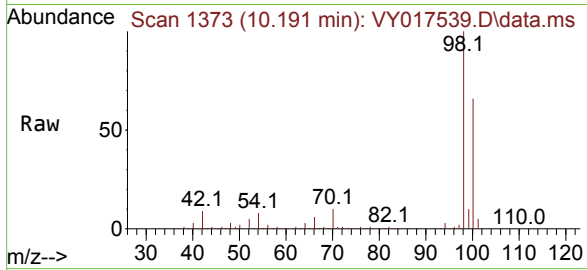




#50
Toluene-d8
Concen: 46.851 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

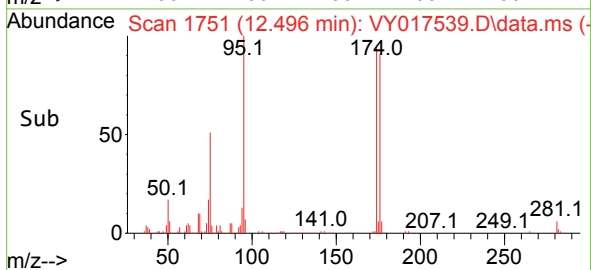
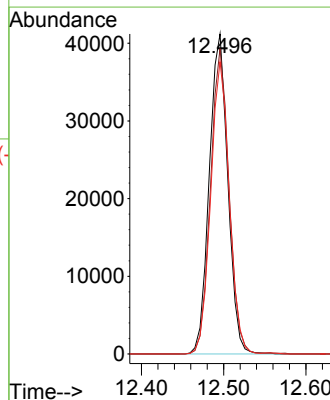
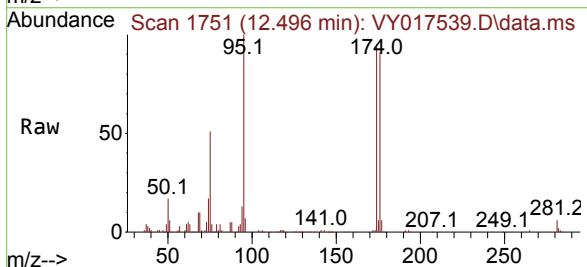
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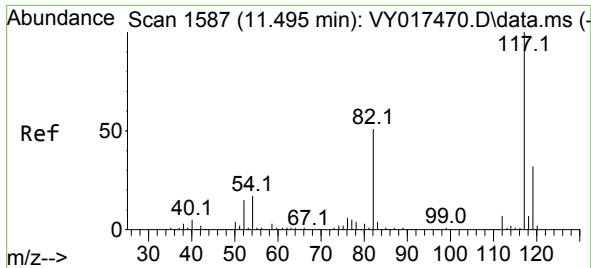
Tgt Ion: 98 Resp: 242601
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.584 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

Tgt Ion: 95 Resp: 64418
Ion Ratio Lower Upper
95 100
174 95.7 0.0 175.6
176 91.7 0.0 171.4

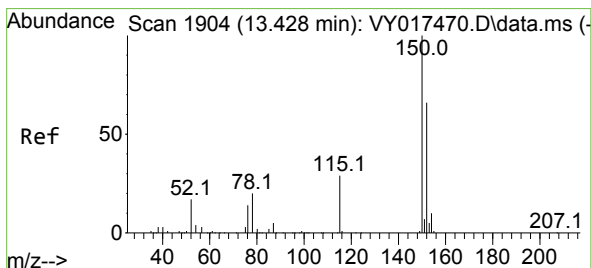
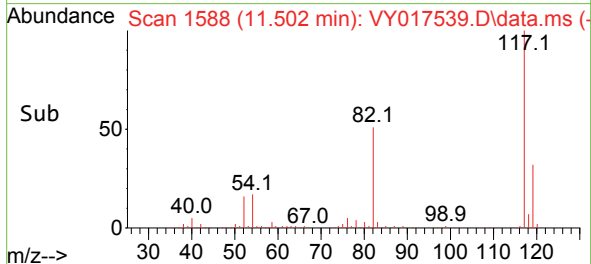
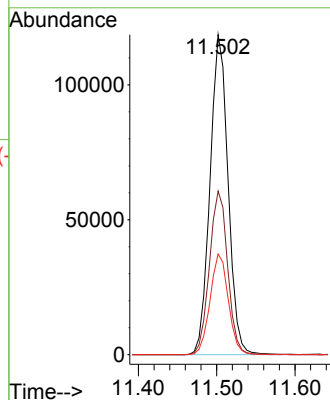
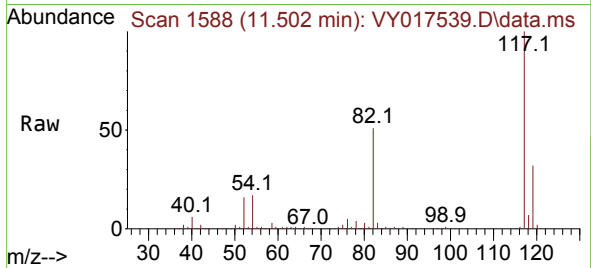




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

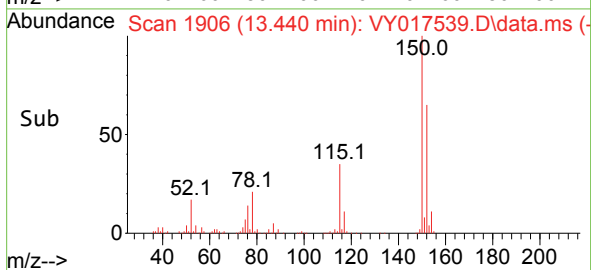
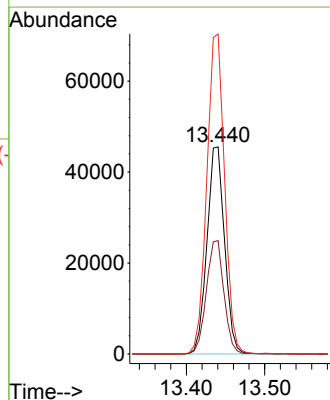
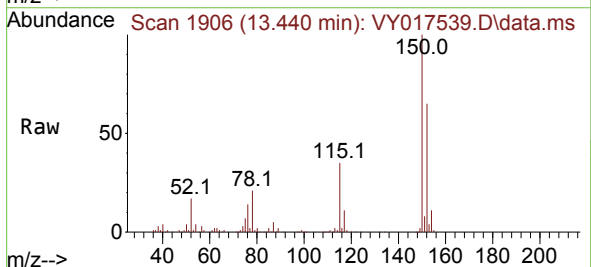
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

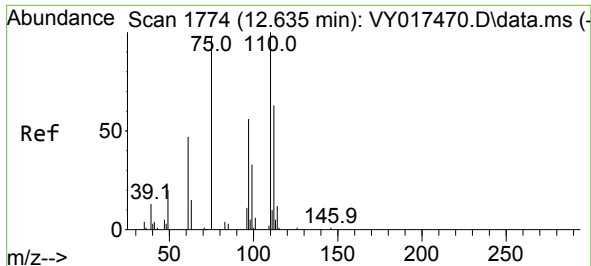
Tgt Ion:117 Resp: 189730
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

Tgt Ion:152 Resp: 70873
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.0 0.0 345.6

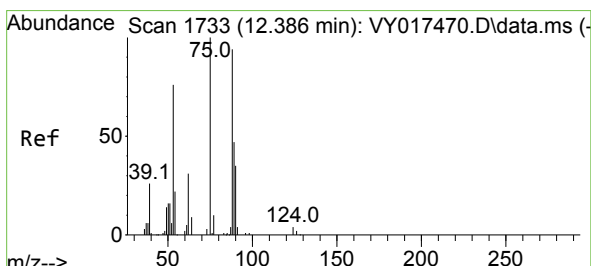
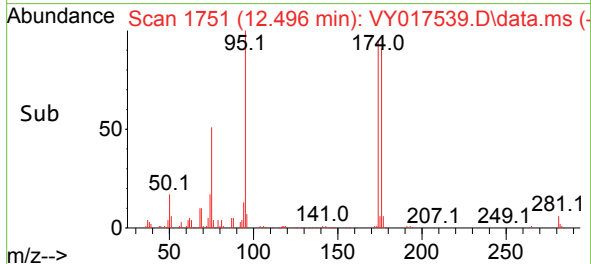
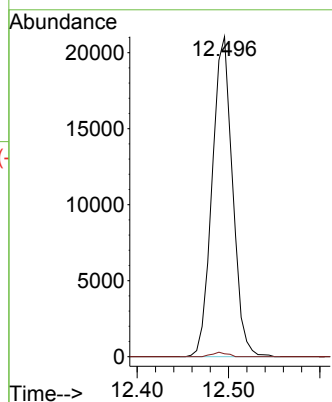
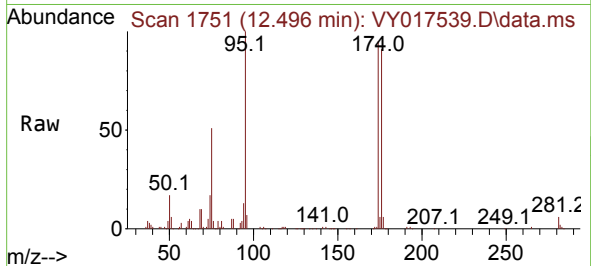




#76
1,2,3-Trichloropropane
Concen: 48.405 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.140 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

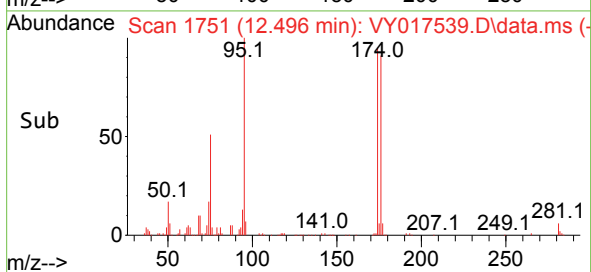
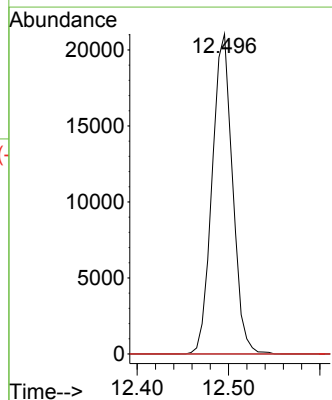
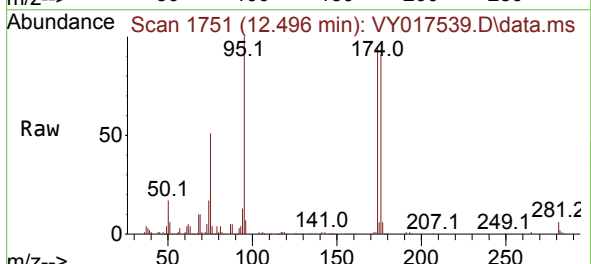
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

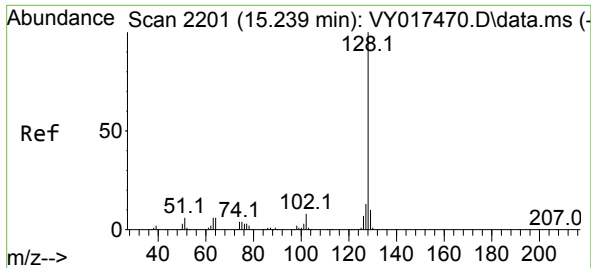
Tgt Ion: 75 Resp: 32596
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.224 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

Tgt Ion: 75 Resp: 32596
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 3.975 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017539.D

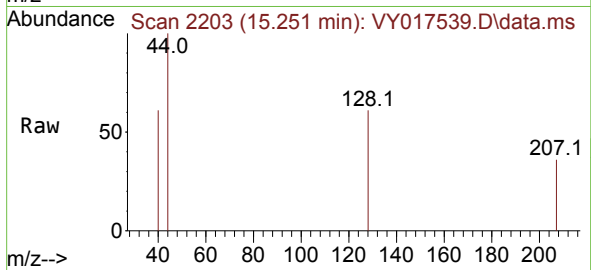
Acq: 29 Feb 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

SP-2



Tgt Ion:128 Resp: 146

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

