

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017521.D
 Acq On : 28 Feb 2024 15:13
 Operator : SY/MD
 Sample : P1616-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 146-BAY-AVENUE

Quant Time: Feb 28 23:14:20 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)

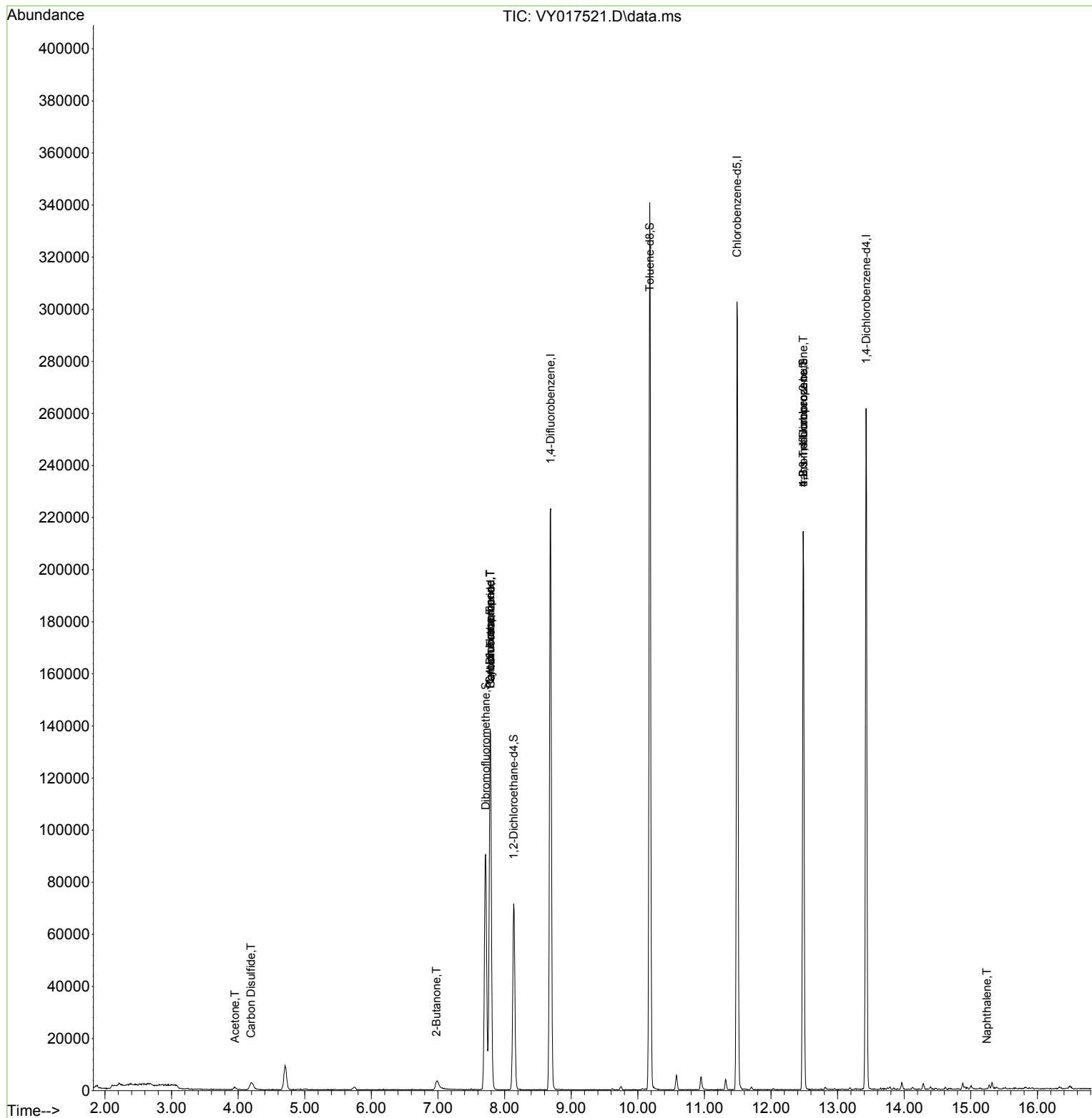
Internal Standards						
1) Pentafluorobenzene	7.789	168	115759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53315	48.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.200%
35) Dibromofluoromethane	7.715	113	66147	46.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.420%
50) Toluene-d8	10.178	98	235486	47.053	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.483	95	62493	39.733	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.460%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1651	7.759	ug/l	88
17) Carbon Disulfide	4.192	76	4086	1.245	ug/l #	94
25) 2-Butanone	6.978	43	394	1.299	ug/l #	41
31) Cyclohexane	7.782	56	2047	1.147	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	8444	4.372	ug/l #	46
38) Carbon Tetrachloride	7.789	117	10699	5.528	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	31335	46.333	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31335	106.463	ug/l #	16
95) Naphthalene	15.238	128	155	3.978	ug/l #	69

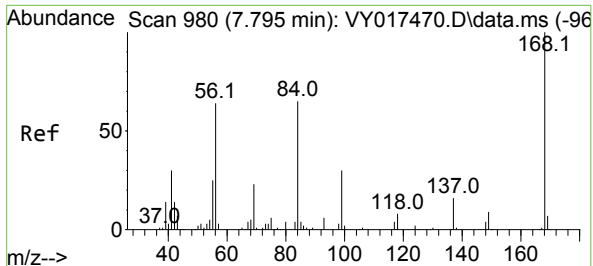
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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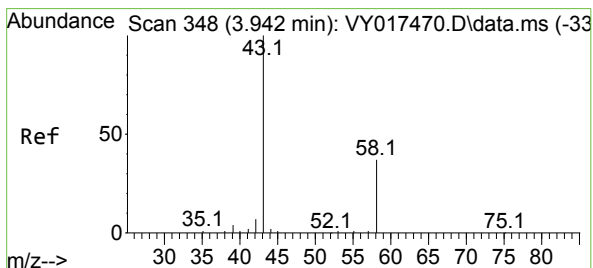
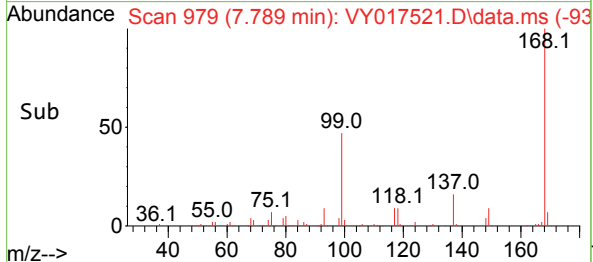
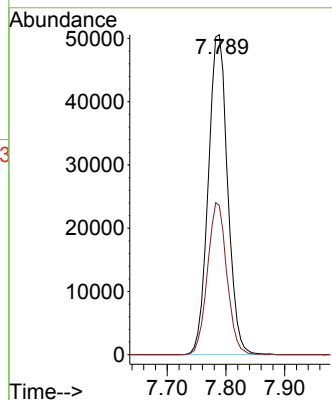
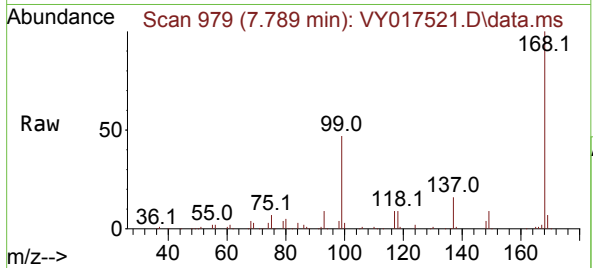




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

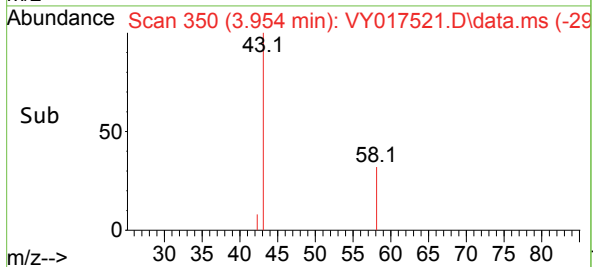
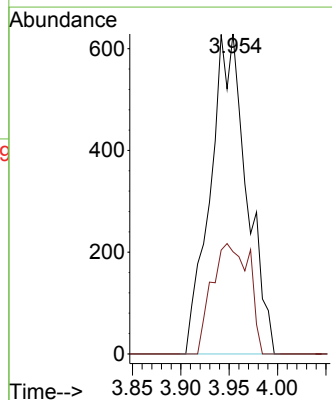
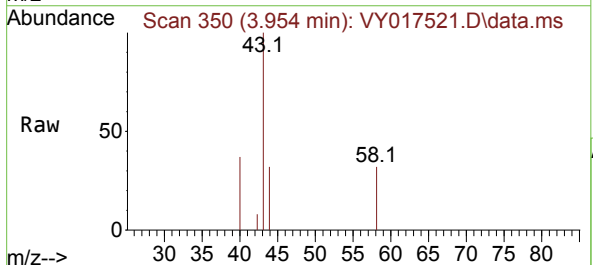
Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

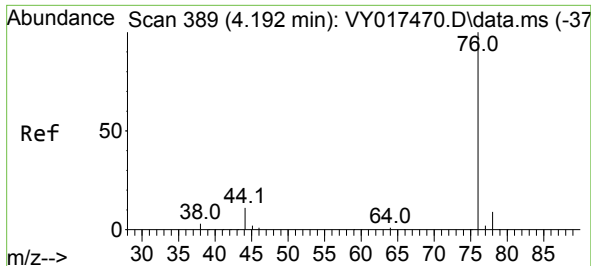
Tgt Ion:168 Resp: 115759
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#16
Acetone
Concen: 7.759 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 32.0 31.7 47.5

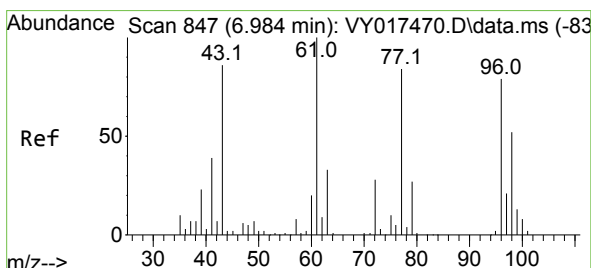
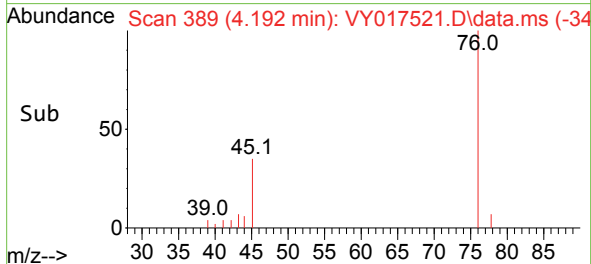
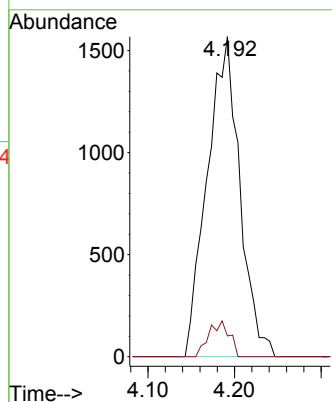
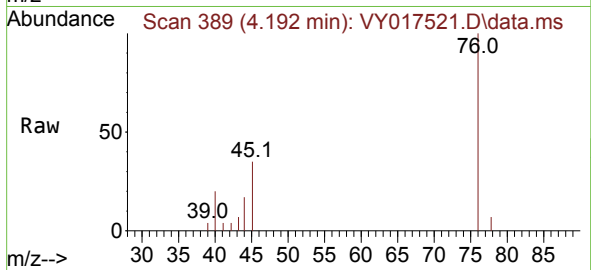




#17
Carbon Disulfide
Concen: 1.245 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

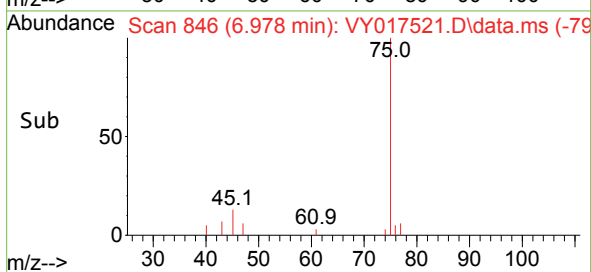
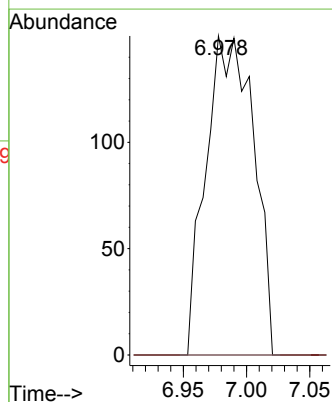
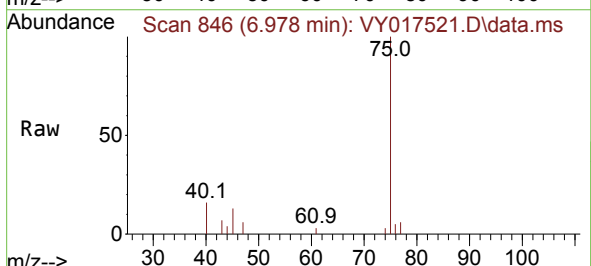
Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

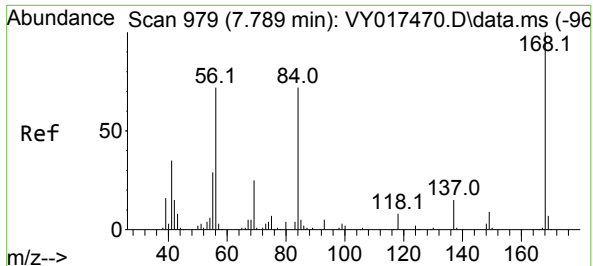
Tgt Ion: 76 Resp: 4086
Ion Ratio Lower Upper
76 100
78 6.5 6.8 10.2#



#25
2-Butanone
Concen: 1.299 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

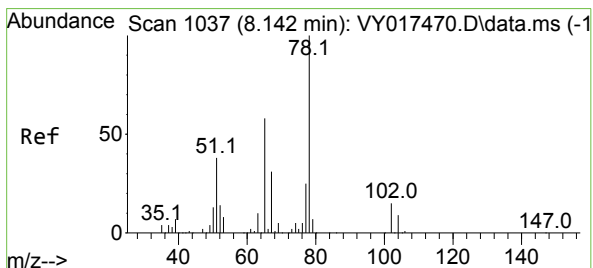
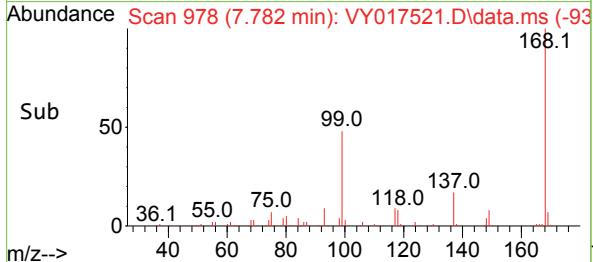
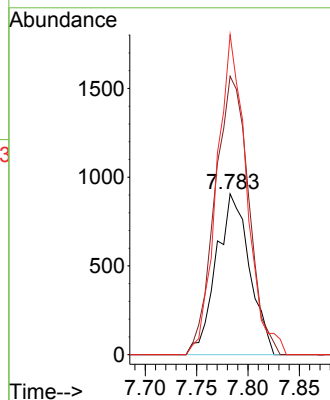
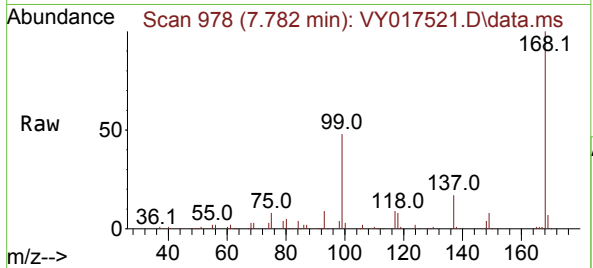




#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

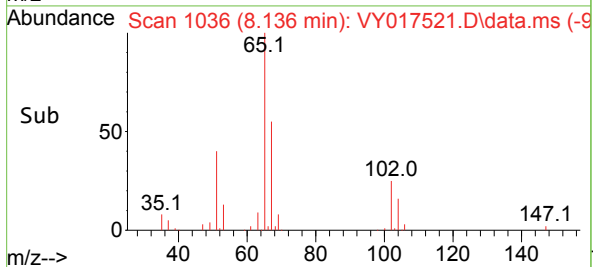
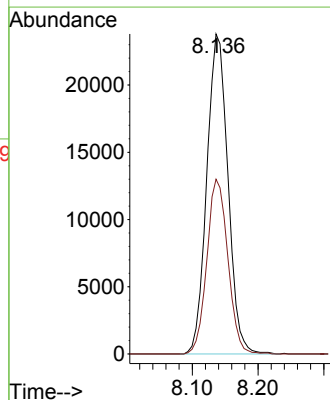
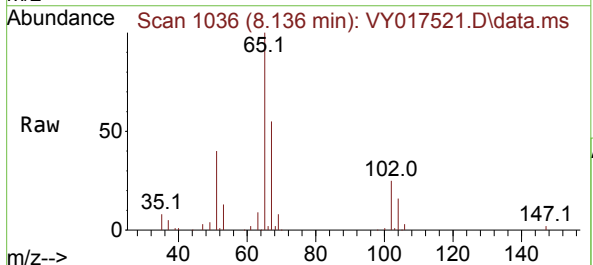
Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

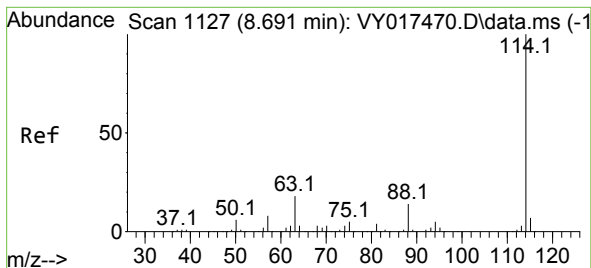
Tgt Ion: 56 Resp: 2047
Ion Ratio Lower Upper
56 100
69 173.2 28.7 43.1#
84 199.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 48.597 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

Tgt Ion: 65 Resp: 53315
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017521.D

Acq: 28 Feb 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

146-BAY-AVENUE

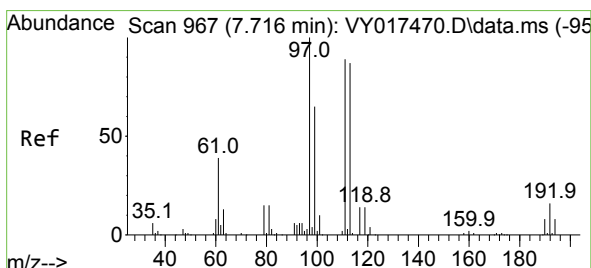
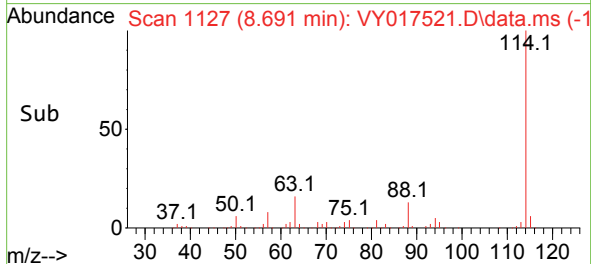
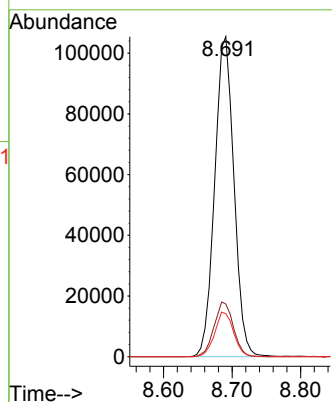
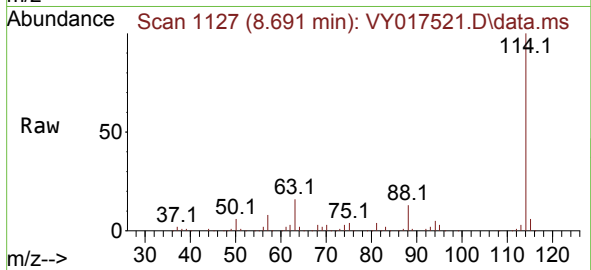
Tgt Ion:114 Resp: 205414

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.212 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY017521.D

Acq: 28 Feb 2024 15:13

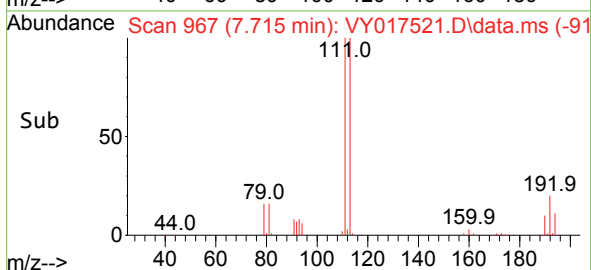
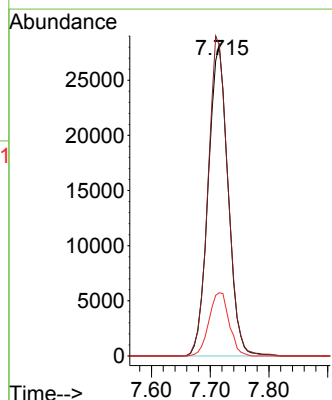
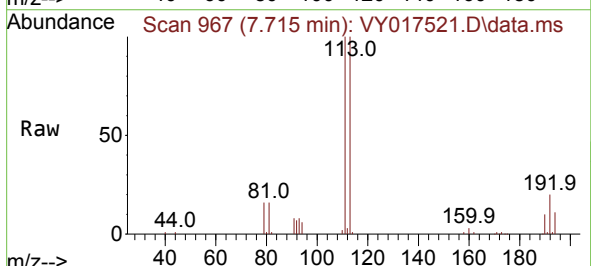
Tgt Ion:113 Resp: 66147

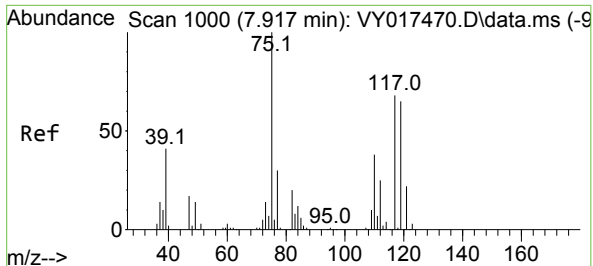
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 20.7 15.9 23.9

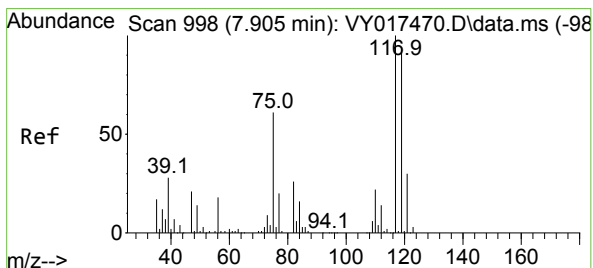
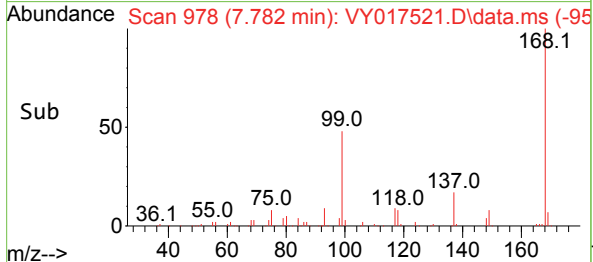
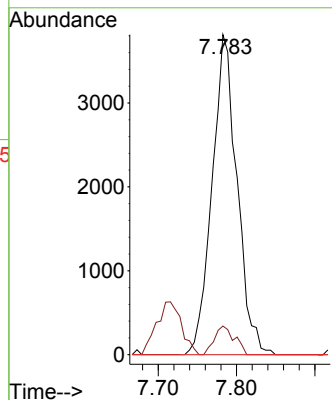
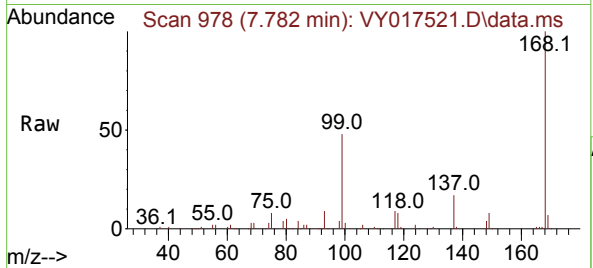




#36
1,1-Dichloropropene
Concen: 4.372 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

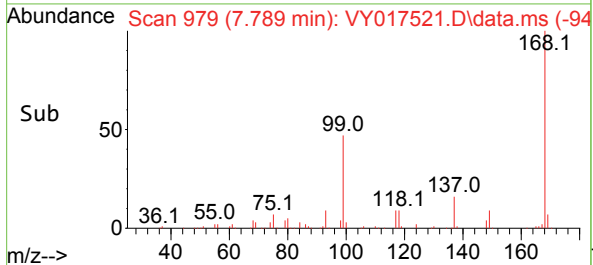
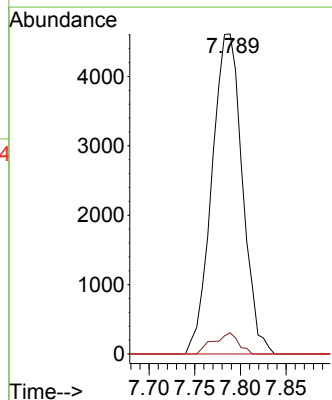
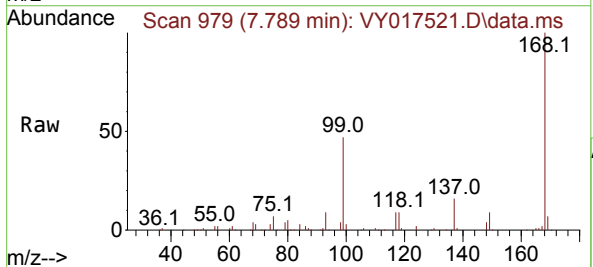
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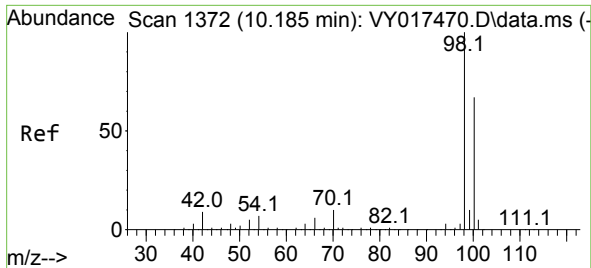
Tgt Ion: 75 Resp: 8444
Ion Ratio Lower Upper
75 100
110 7.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.528 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

Tgt Ion: 117 Resp: 10699
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.0 36.0#

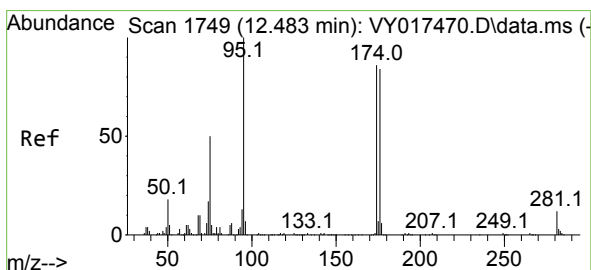
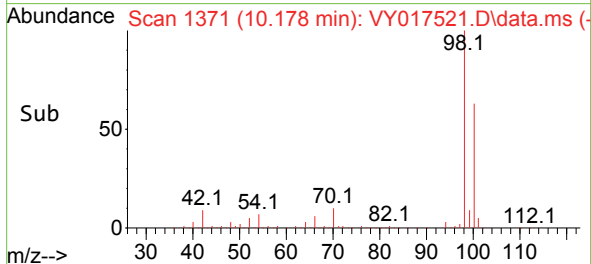
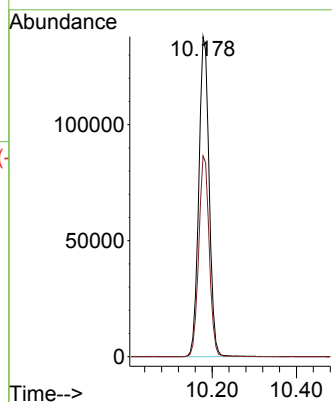
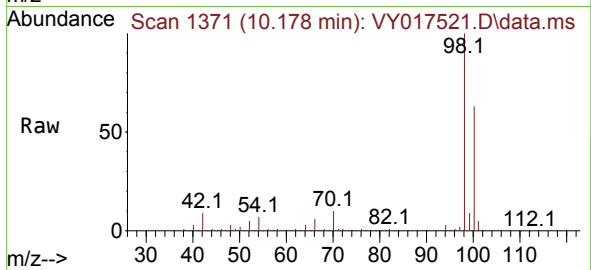




#50
Toluene-d8
Concen: 47.053 ug/l
RT: 10.178 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

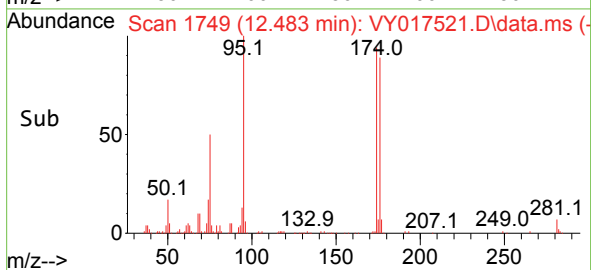
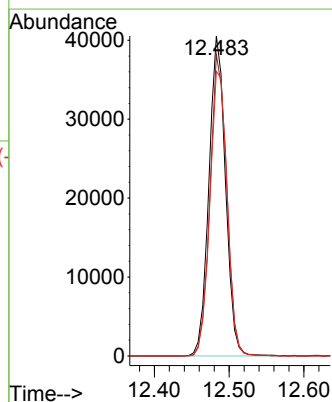
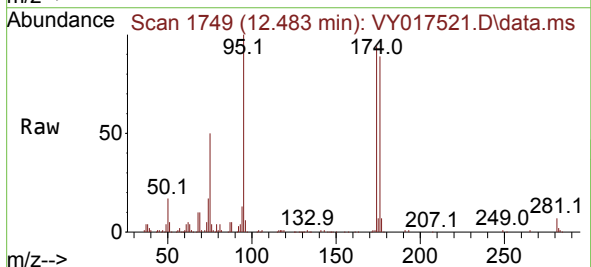
Instrument :
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146-BAY-AVENUE

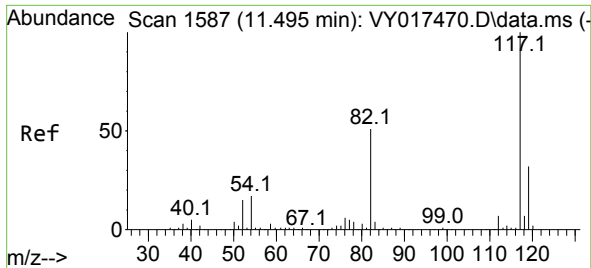
Tgt Ion: 98 Resp: 235486
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.733 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

Tgt Ion: 95 Resp: 62493
Ion Ratio Lower Upper
95 100
174 95.1 0.0 175.6
176 92.6 0.0 171.4

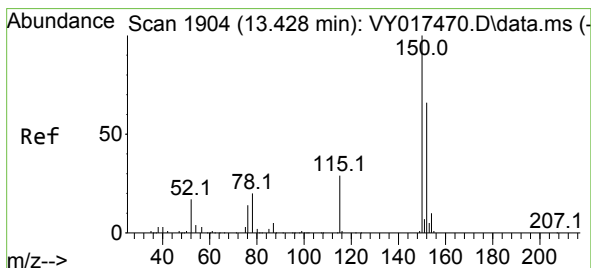
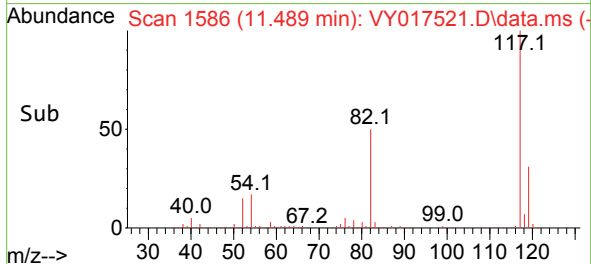
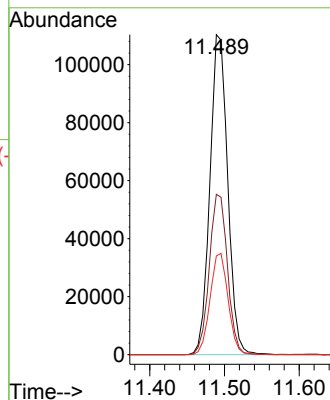
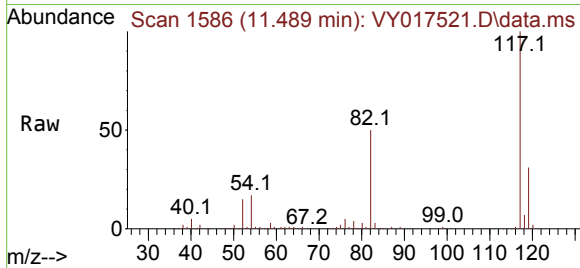




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

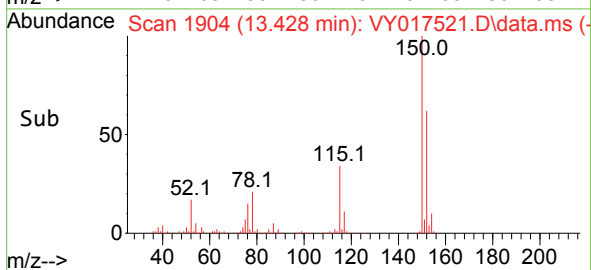
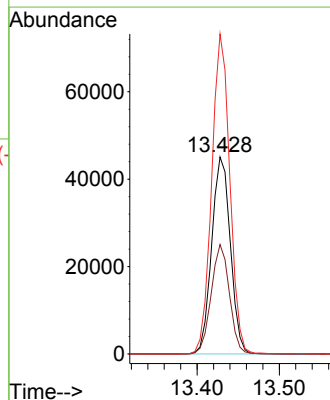
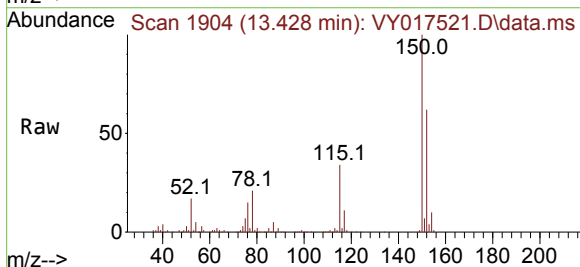
Instrument :
MSVOA_Y
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146-BAY-AVENUE

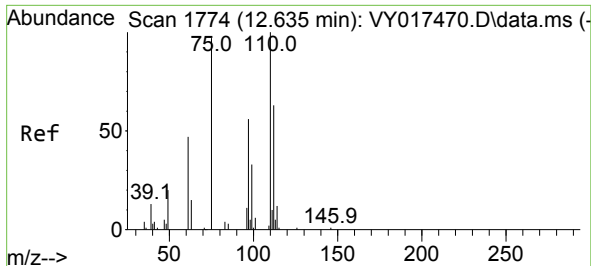
Tgt Ion:117 Resp: 182838
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 30.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

Tgt Ion:152 Resp: 71178
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 157.4 0.0 345.6

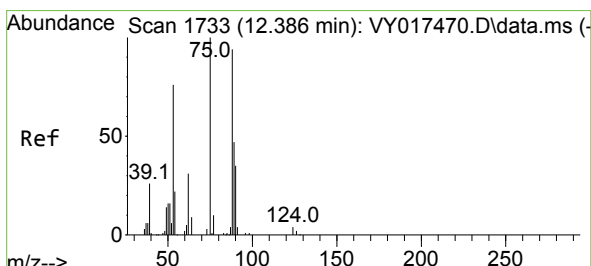
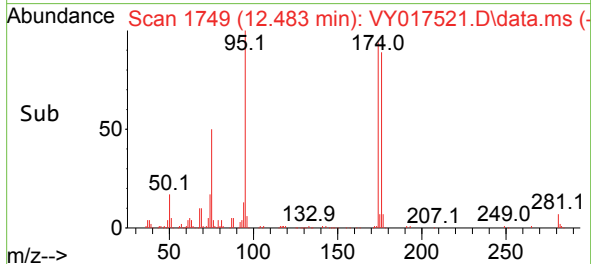
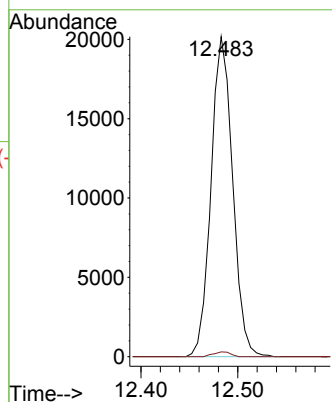
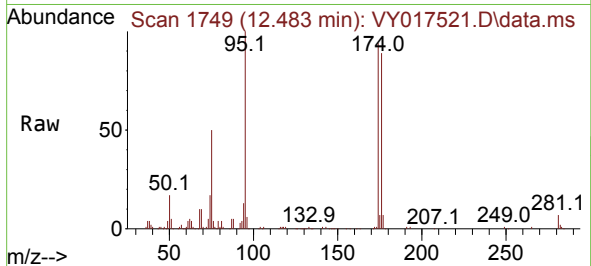




#76
1,2,3-Trichloropropane
Concen: 46.333 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

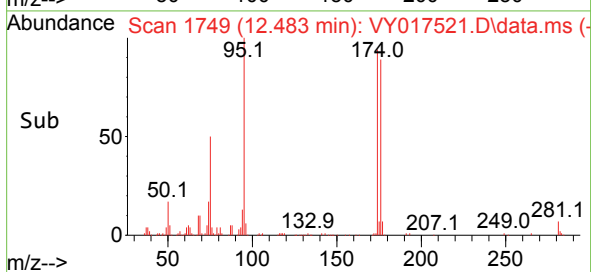
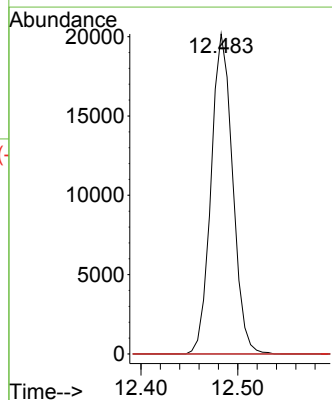
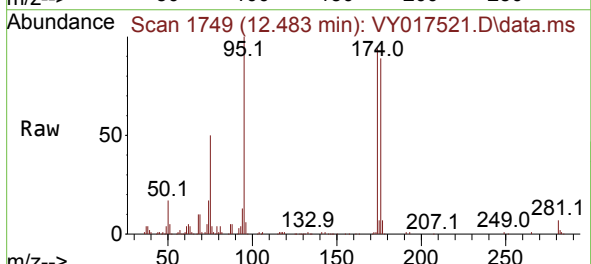
Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

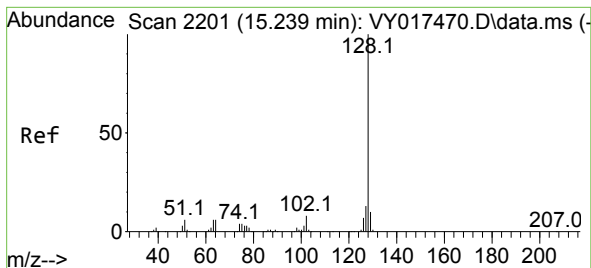
Tgt Ion: 75 Resp: 31335
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.463 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

Tgt Ion: 75 Resp: 31335
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 3.978 ug/l

RT: 15.238 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY017521.D

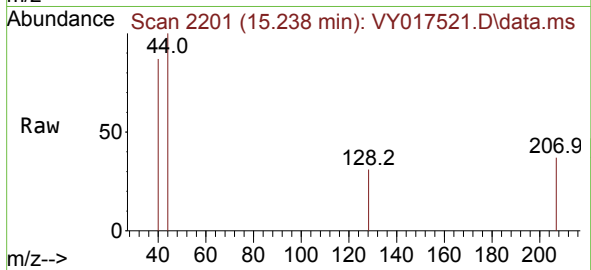
Acq: 28 Feb 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

146-BAY-AVENUE



Tgt Ion:	128	Resp:	155
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

