

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026438.D
 Acq On : 20 Jun 2022 12:08
 Operator : SY/MD
 Sample : N3358-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 02:32:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 02:31:12 2022
 Response via : Initial Calibration

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

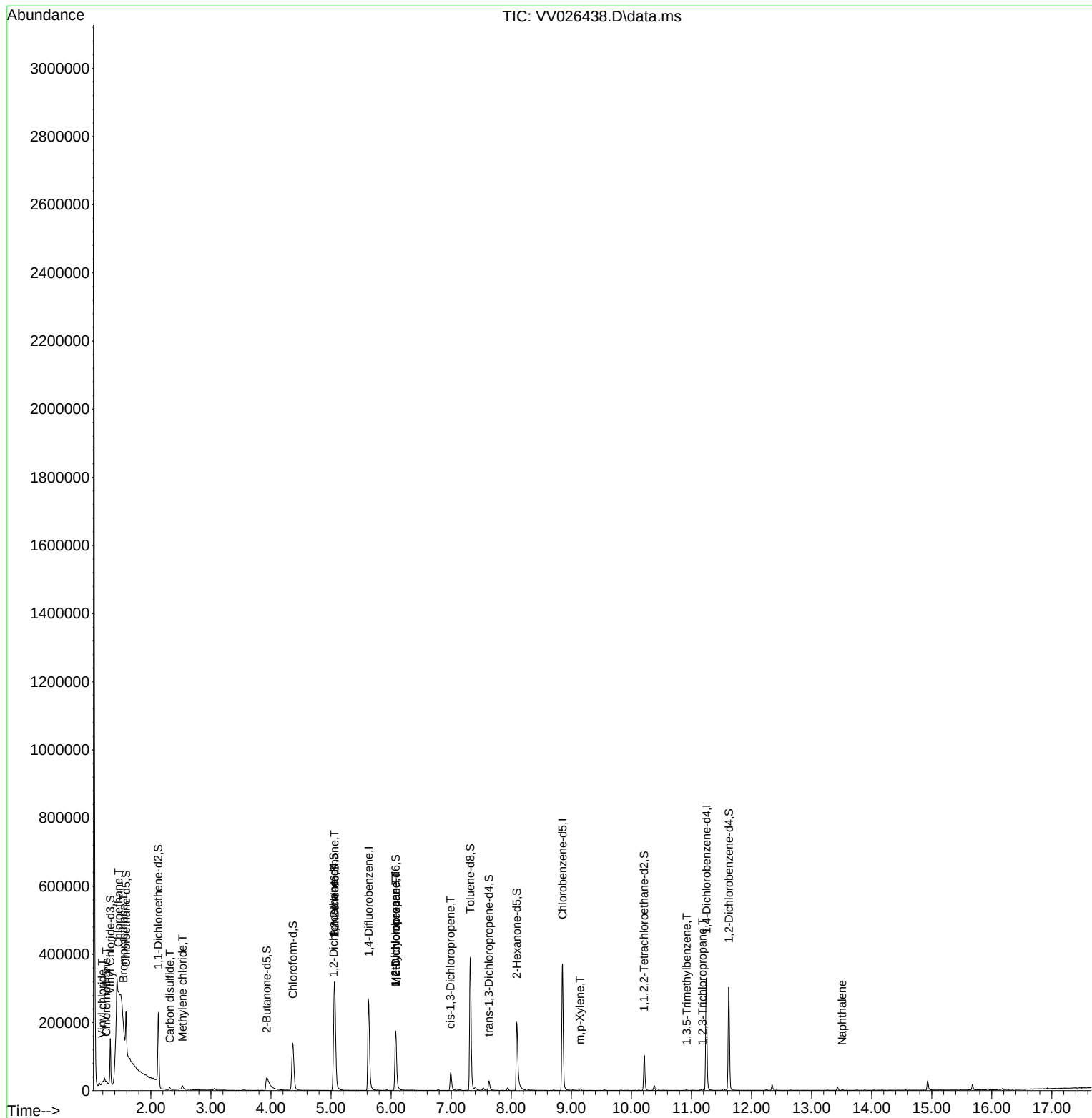
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	243484	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	218888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.327	65	82641	3.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.587	69	70667	4.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.124	63	116486	3.207	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.931	46	89747	43.491	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.980%
24) Chloroform-d	4.365	84	150704	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.043	65	59479	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.059	84	316308	5.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
36) 1,2-Dichloropropane-d6	6.076	67	91247	5.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.320	98	271346	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.628	79	18641	3.366	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.400%
46) 2-Hexanone-d5	8.092	63	75668	45.230	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.460%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50989	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	80321	5.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	3204	0.158	ug/L	98
5) Vinyl chloride	1.191	62	1075	0.051	ug/L	87
6) Bromomethane	1.545	94	994	0.085	ug/L	86
8) Chloroethane	1.462	64	777443	59.586	ug/L #	49
14) Carbon disulfide	2.317	76	9294	0.245	ug/L	98
16) Methylene chloride	2.526	84	4244	0.216	ug/L	93
27) 1,2-Dichloroethane	5.056	62	1512	0.108	ug/L #	71
35) Methylcyclohexane	6.076	83	22643	1.068	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	9337	0.636	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1307	0.078	ug/L #	22
53) m,p-Xylene	9.143	106	1650	0.072	ug/L	87
61) 1,2,3-Trichloropropane	11.185	75	466	0.079	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.921	105	2019	0.053	ug/L	91
71) Naphthalene	13.509	128	1783	0.101	ug/L #	96

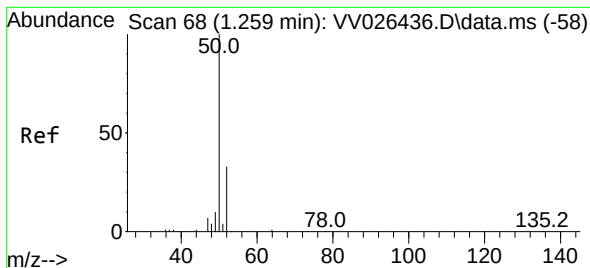
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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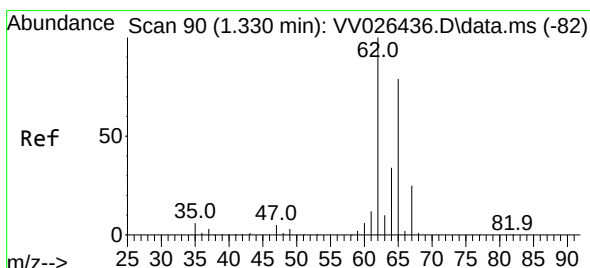
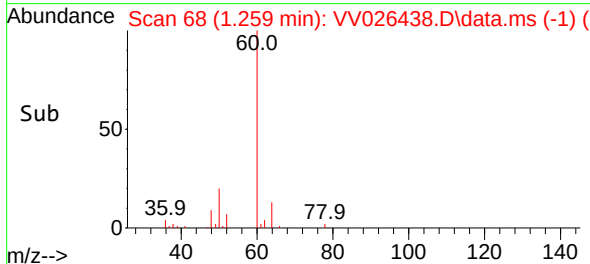
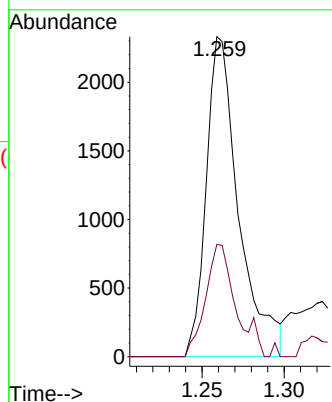
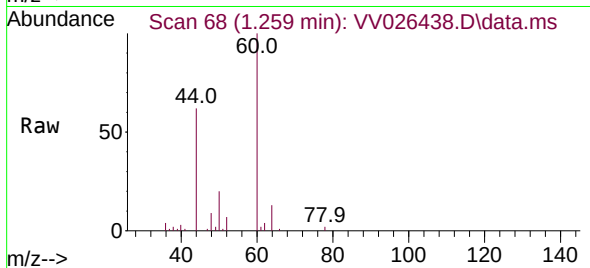




#3
Chloromethane
Concen: 0.158 ug/L
RT: 1.259 min Scan# 68
Delta R.T. 0.000 min
Lab File: VV026438.D
Acq: 20 Jun 2022 12:08

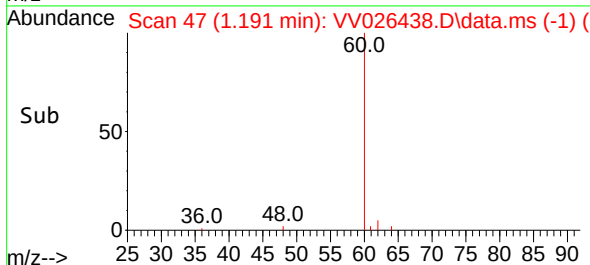
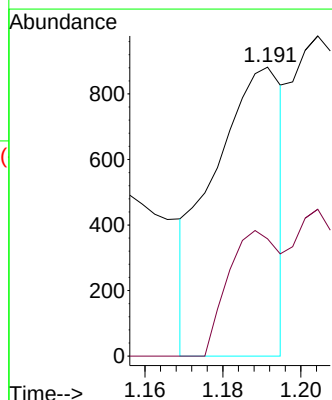
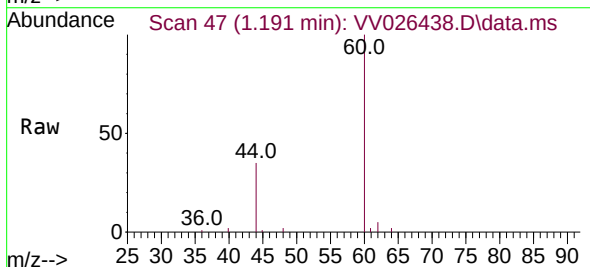
Instrument :
MSVOA_V
ClientSampleId :

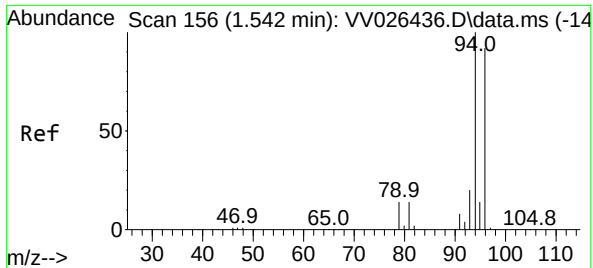
Tgt Ion: 50 Resp: 3204
Ion Ratio Lower Upper
50 100
52 35.0 23.7 44.1



#5
Vinyl chloride
Concen: 0.051 ug/L
RT: 1.191 min Scan# 47
Delta R.T. -0.138 min
Lab File: VV026438.D
Acq: 20 Jun 2022 12:08

Tgt Ion: 62 Resp: 1075
Ion Ratio Lower Upper
62 100
64 40.6 23.2 43.2

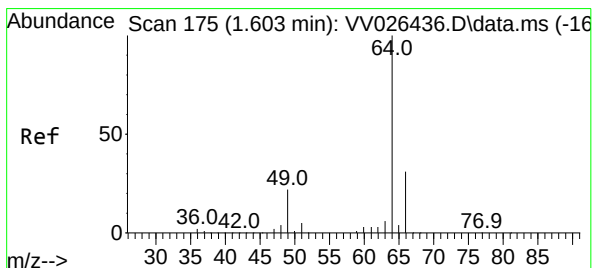
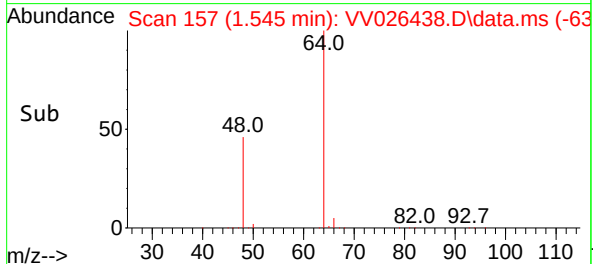
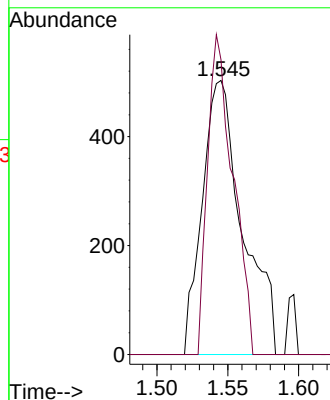
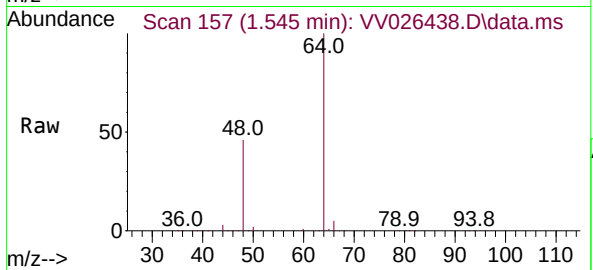




#6
Bromomethane
Concen: 0.085 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026438.D
Acq: 20 Jun 2022 12:08

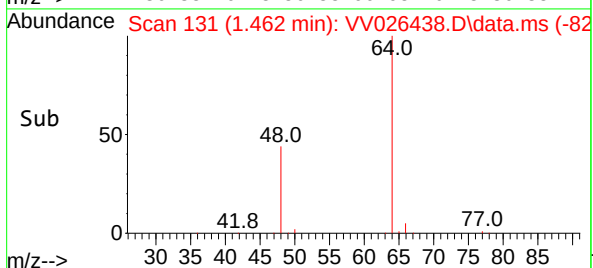
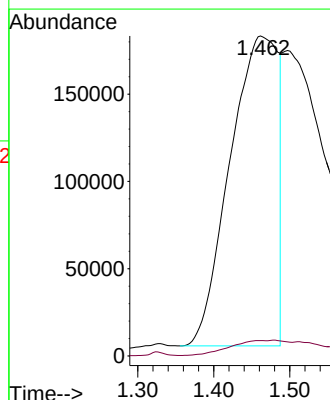
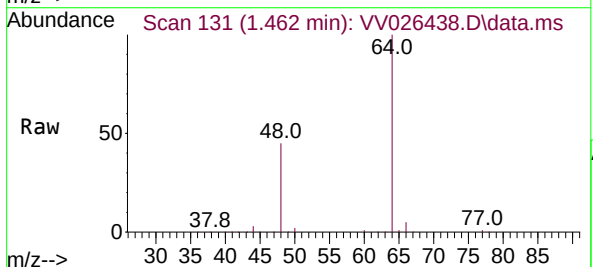
Instrument :
MSVOA_V
ClientSampleId :

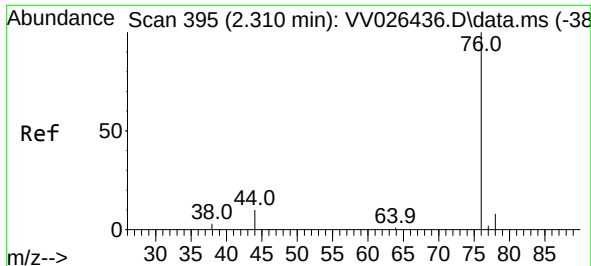
Tgt Ion: 94 Resp: 994
Ion Ratio Lower Upper
94 100
96 107.6 65.7 121.9



#8
Chloroethane
Concen: 59.586 ug/L
RT: 1.462 min Scan# 131
Delta R.T. -0.141 min
Lab File: VV026438.D
Acq: 20 Jun 2022 12:08

Tgt Ion: 64 Resp: 777443
Ion Ratio Lower Upper
64 100
66 4.8 24.1 44.7#

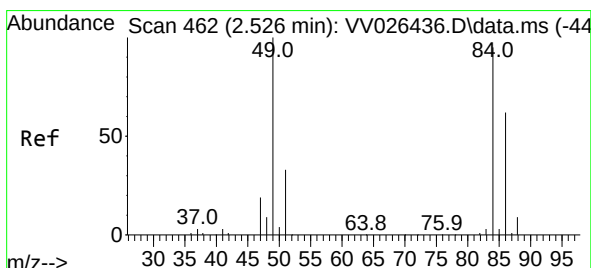
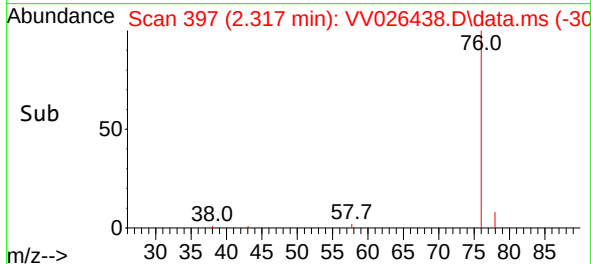
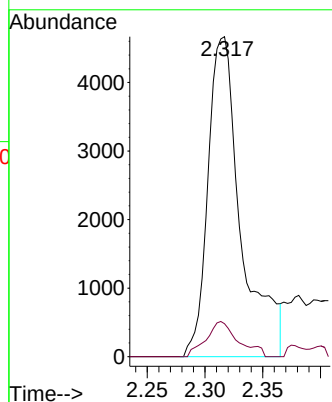
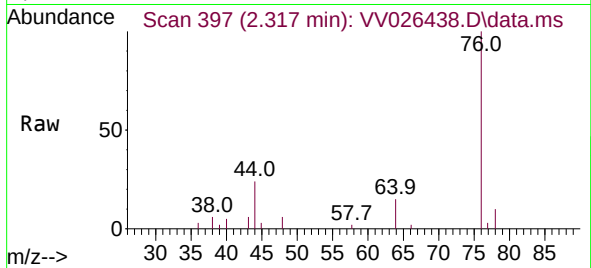




#14
Carbon disulfide
Concen: 0.245 ug/L
RT: 2.317 min Scan# 395
Delta R.T. 0.006 min
Lab File: VV026438.D
Acq: 20 Jun 2022 12:08

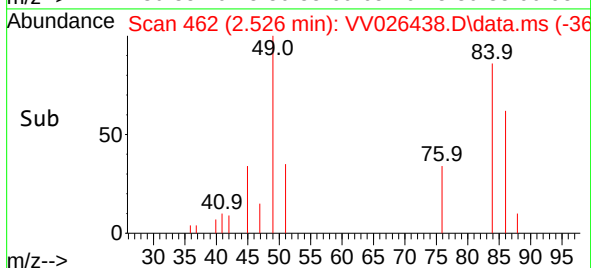
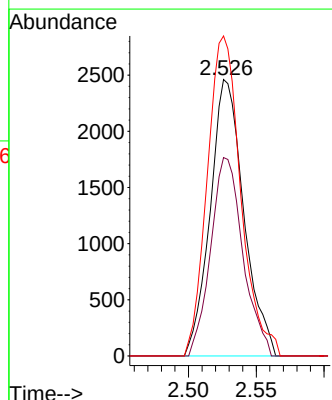
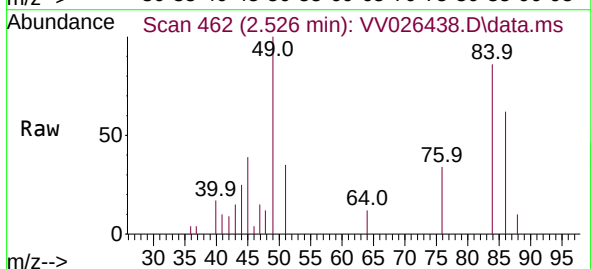
Instrument :
MSVOA_V
ClientSampleId :

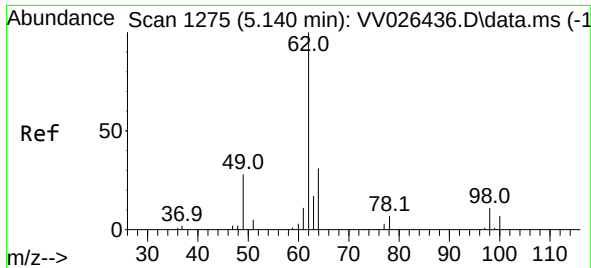
Tgt Ion: 76 Resp: 9294
Ion Ratio Lower Upper
76 100
78 10.3 7.7 11.5



#16
Methylene chloride
Concen: 0.216 ug/L
RT: 2.526 min Scan# 462
Delta R.T. 0.000 min
Lab File: VV026438.D
Acq: 20 Jun 2022 12:08

Tgt Ion: 84 Resp: 4244
Ion Ratio Lower Upper
84 100
86 71.8 44.0 81.8
49 115.7 77.3 143.7





#27

1,2-Dichloroethane

Concen: 0.108 ug/L

RT: 5.056 min Scan# 1512

Delta R.T. -0.084 min

Lab File: VV026438.D

Acq: 20 Jun 2022 12:08

Instrument :

MSVOA_V

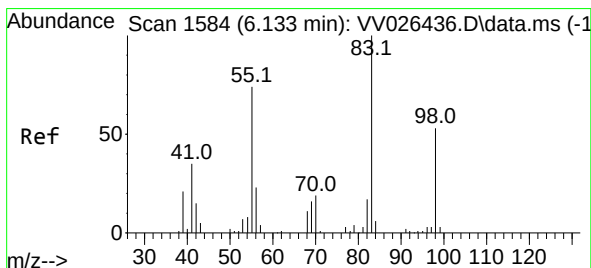
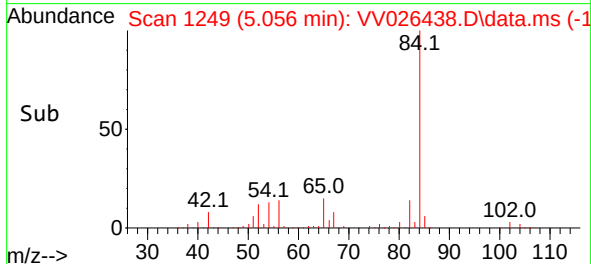
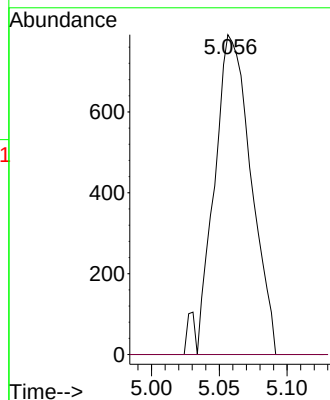
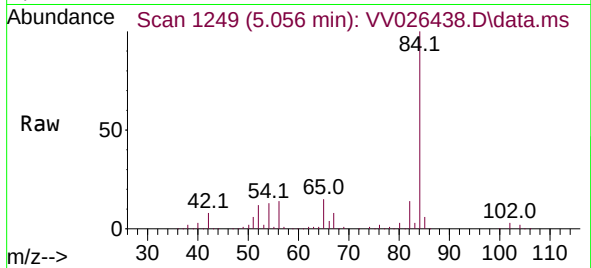
ClientSampleId :

Tgt Ion: 62 Resp: 1512

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#35

Methylcyclohexane

Concen: 1.068 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026438.D

Acq: 20 Jun 2022 12:08

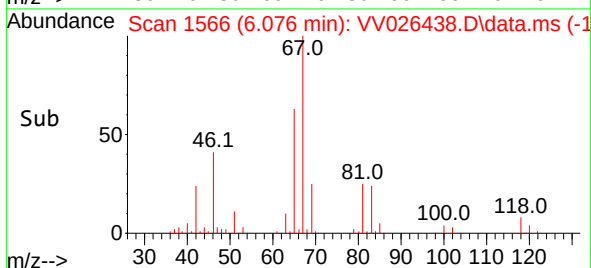
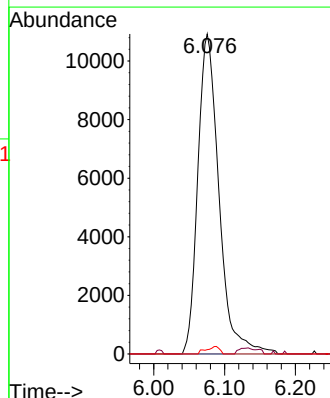
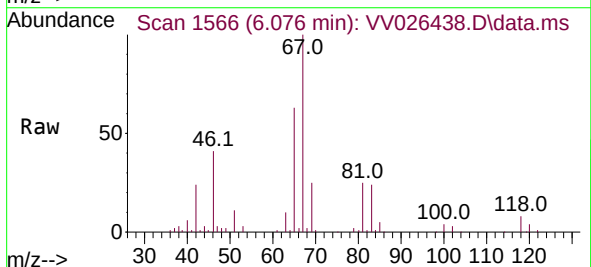
Tgt Ion: 83 Resp: 22643

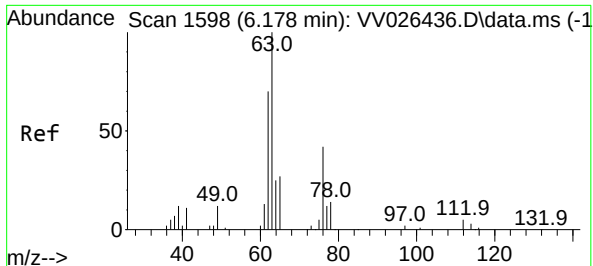
Ion Ratio Lower Upper

83 100

55 1.3 59.3 88.9#

98 1.5 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.636 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026438.D

Acq: 20 Jun 2022 12:08

Instrument :

MSVOA_V

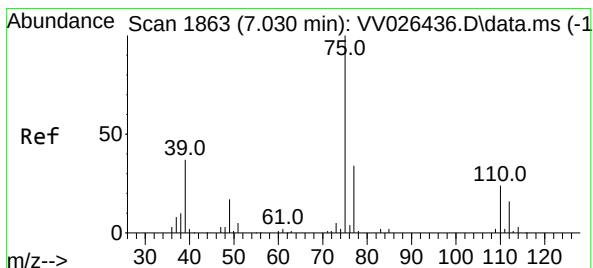
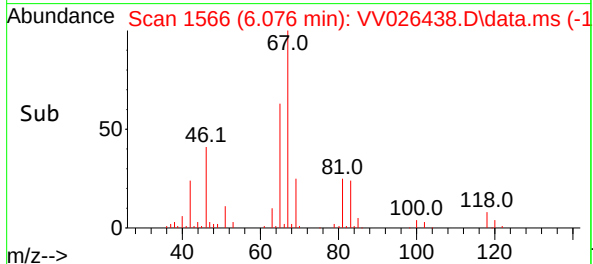
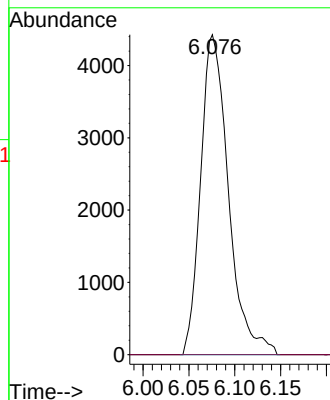
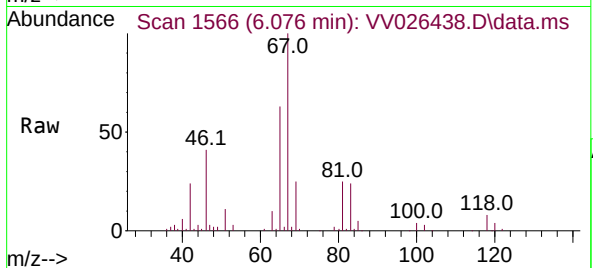
ClientSampleId :

Tgt Ion: 63 Resp: 9337

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026438.D

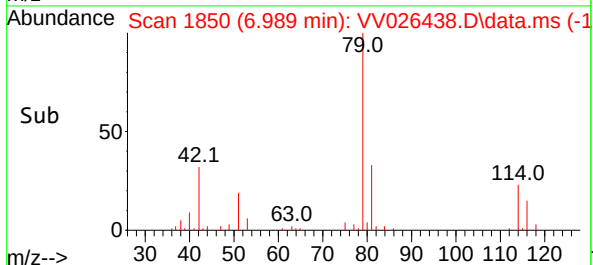
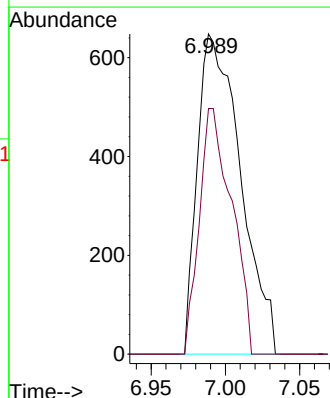
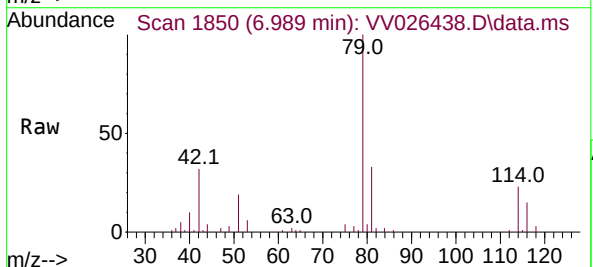
Acq: 20 Jun 2022 12:08

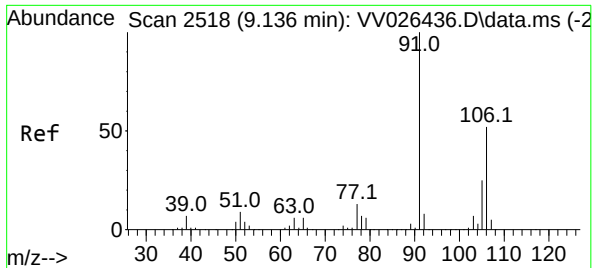
Tgt Ion: 75 Resp: 1307

Ion Ratio Lower Upper

75 100

77 76.7 23.0 42.6#

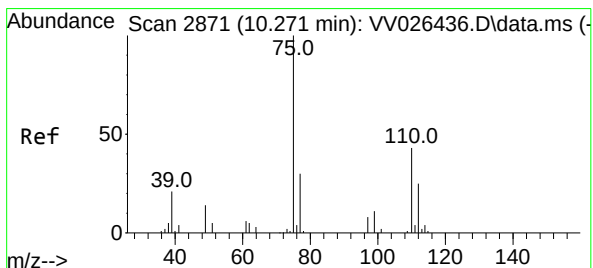
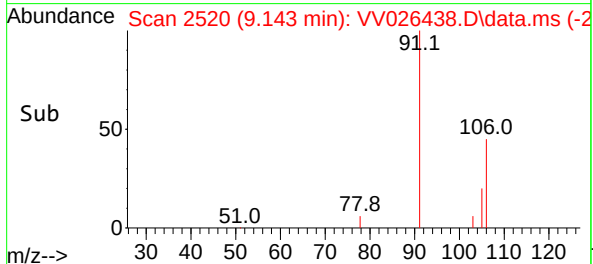
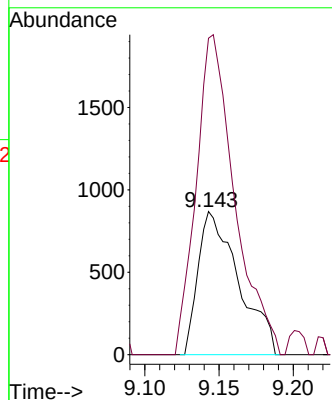
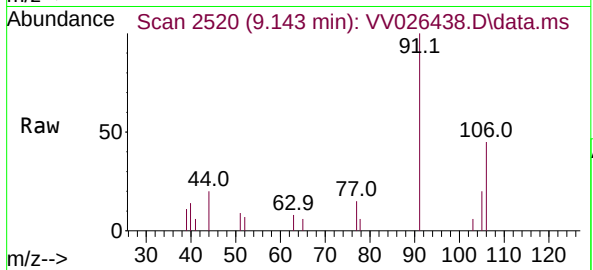




#53
m,p-Xylene
Concen: 0.072 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026438.D
Acq: 20 Jun 2022 12:08

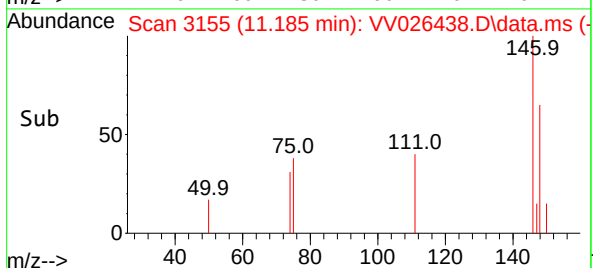
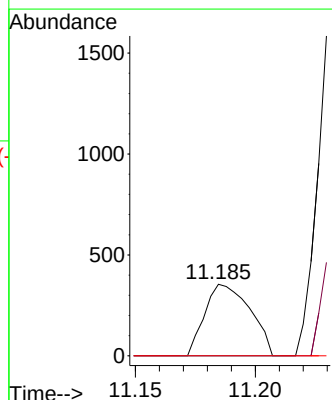
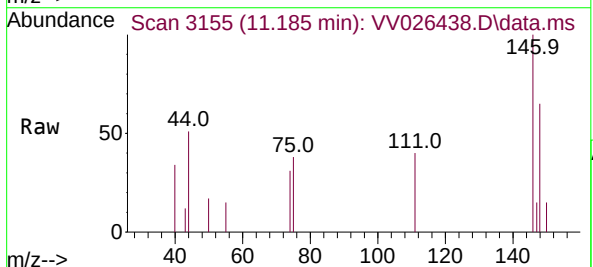
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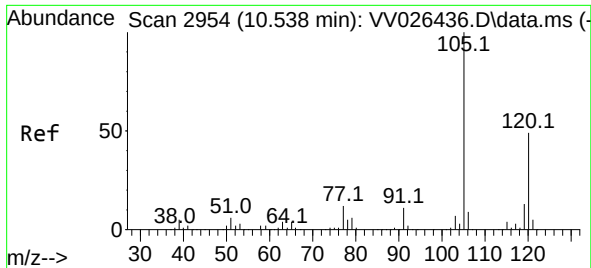
Tgt Ion:106 Resp: 1650
Ion Ratio Lower Upper
106 100
91 221.1 141.3 262.3



#61
1,2,3-Trichloropropane
Concen: 0.079 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.913 min
Lab File: VV026438.D
Acq: 20 Jun 2022 12:08

Tgt Ion: 75 Resp: 466
Ion Ratio Lower Upper
75 100
77 33.7 26.9 40.3
110 0.0 30.7 46.1#

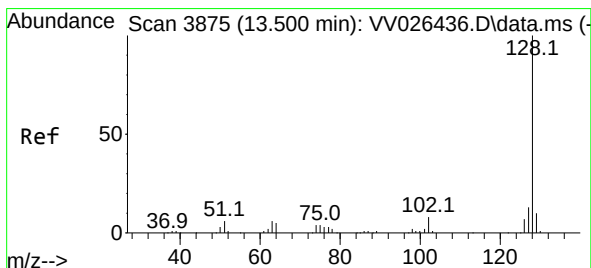
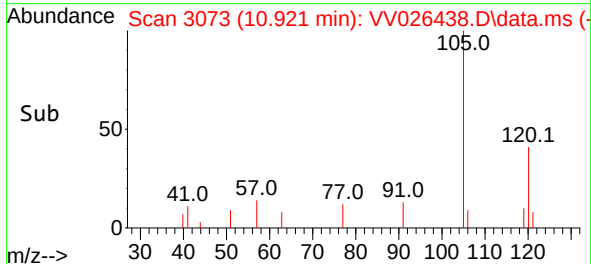
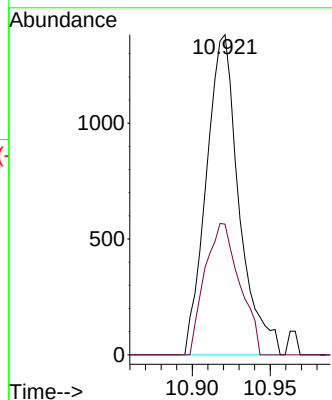
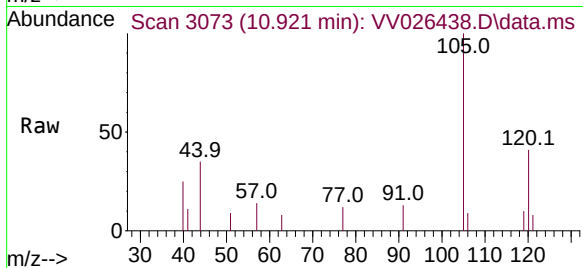




#62
1,3,5-Trimethylbenzene
Concen: 0.053 ug/L
RT: 10.921 min Scan# 30
Delta R.T. 0.383 min
Lab File: VV026438.D
Acq: 20 Jun 2022 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 2019
Ion Ratio Lower Upper
105 100
120 43.4 39.9 59.9



#71
Naphthalene
Concen: 0.101 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV026438.D
Acq: 20 Jun 2022 12:08

Tgt Ion:128 Resp: 1783
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 10.2 10.6 16.0#

