

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026440.D
 Acq On : 20 Jun 2022 12:54
 Operator : SY/MD
 Sample : N3358-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW4S7

Quant Time: Jun 21 02:33:11 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)

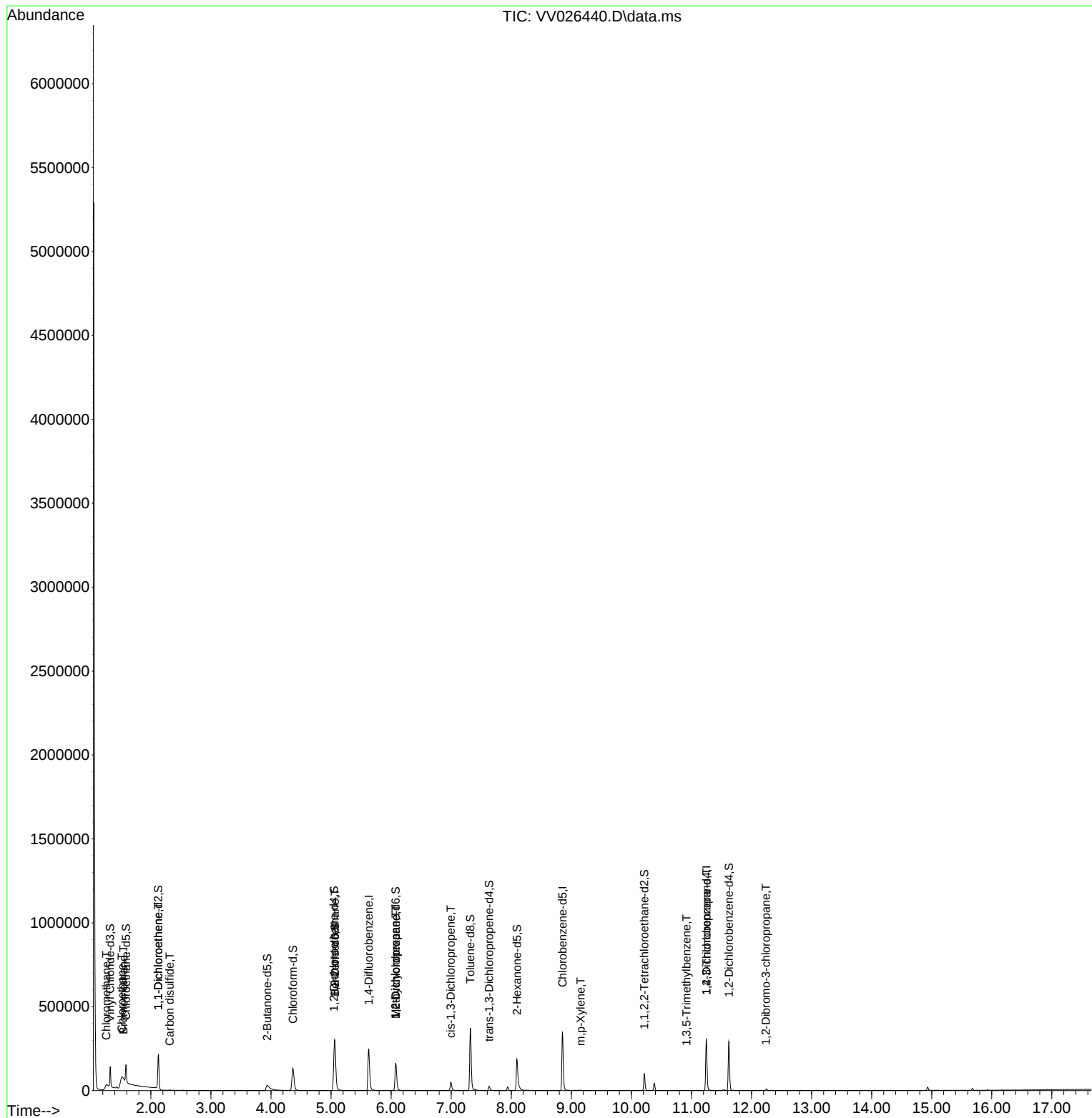
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	221250	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	203783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83499	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	78400	4.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.587	69	66977	4.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.124	63	113941	3.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.937	46	88998	47.462	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.920%
24) Chloroform-d	4.365	84	143523	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.047	65	56609	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.063	84	295874	5.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
36) 1,2-Dichloropropane-d6	6.079	67	84216	5.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.320	98	254073	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.632	79	16593	3.218	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.400%
46) 2-Hexanone-d5	8.095	63	69515	44.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48042	4.905	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	77026	5.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.800%
Target Compounds						Qvalue
3) Chloromethane	1.259	50	6112	0.333	ug/L	87
6) Bromomethane	1.545	94	546	0.051	ug/L	76
8) Chloroethane	1.516	64	318420	26.857	ug/L #	49
12) 1,1-Dichloroethene	2.124	96	1128	0.081	ug/L #	1
14) Carbon disulfide	2.314	76	4566	0.132	ug/L	95
27) 1,2-Dichloroethane	5.063	62	1352	0.106	ug/L #	71
35) Methylcyclohexane	6.076	83	20335	1.031	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	8925	0.653	ug/L #	89
39) cis-1,3-Dichloropropene	6.992	75	1397	0.090	ug/L #	63
53) m,p-Xylene	9.156	106	1116	0.052	ug/L	77
61) 1,2,3-Trichloropropane	11.249	75	9469	1.748	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.918	105	1107	0.031	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.239	75	268	0.279	ug/L #	3

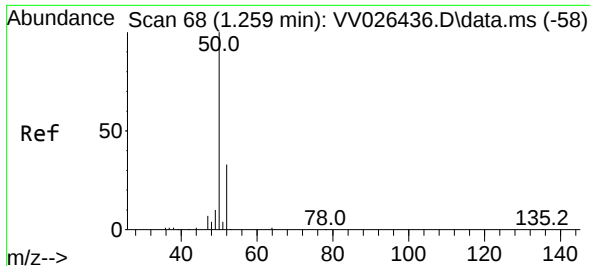
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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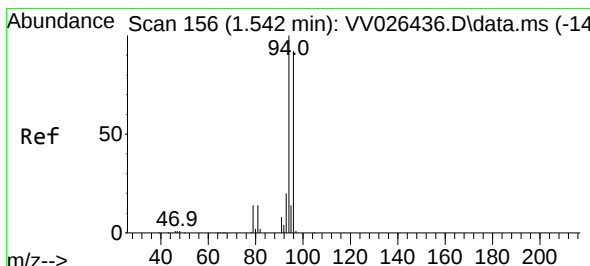
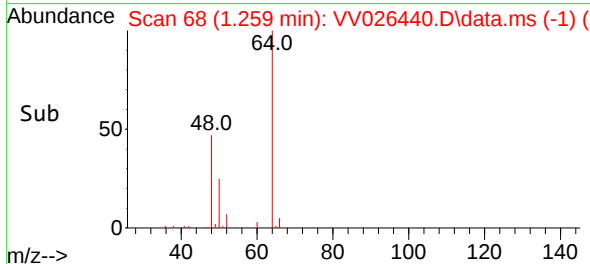
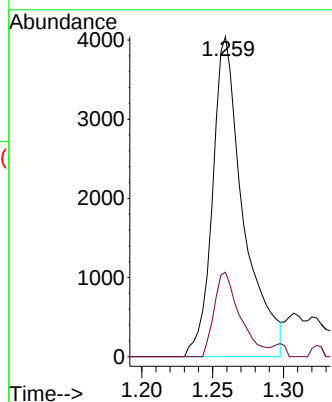
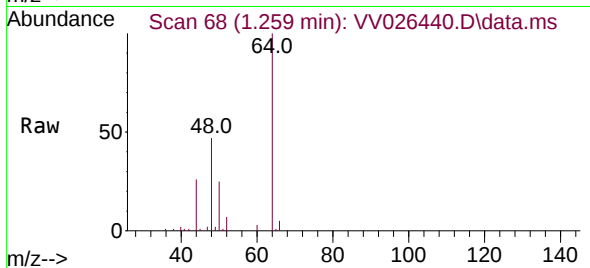




#3
Chloromethane
Concen: 0.333 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026440.D
Acq: 20 Jun 2022 12:54

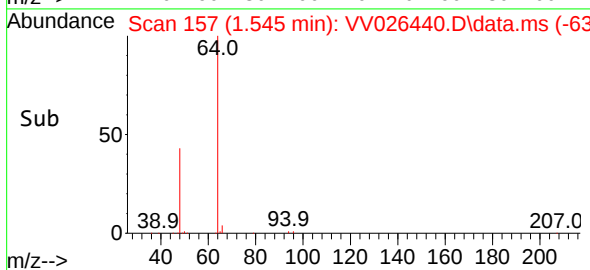
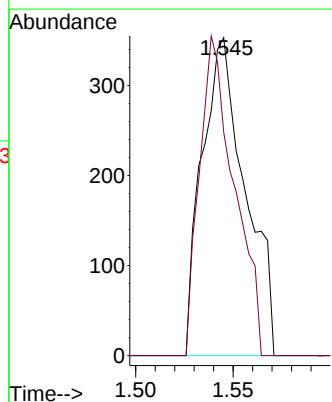
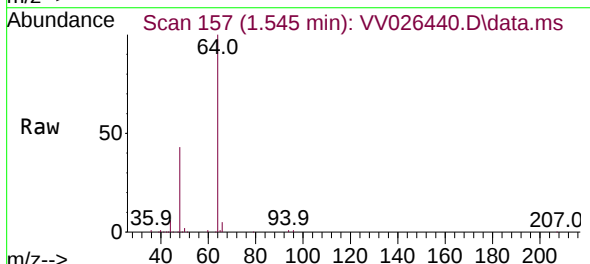
Instrument :
MSVOA_V
ClientSampleId :
EW4S7

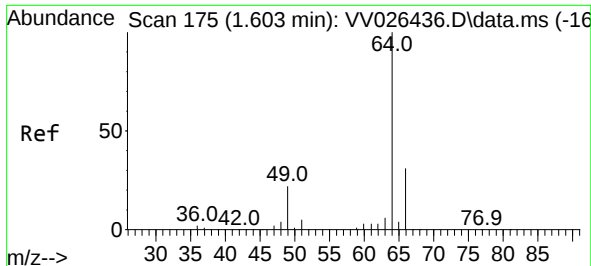
Tgt Ion: 50 Resp: 6112
Ion Ratio Lower Upper
50 100
52 26.4 23.7 44.1



#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV026440.D
Acq: 20 Jun 2022 12:54

Tgt Ion: 94 Resp: 546
Ion Ratio Lower Upper
94 100
96 70.3 65.7 121.9

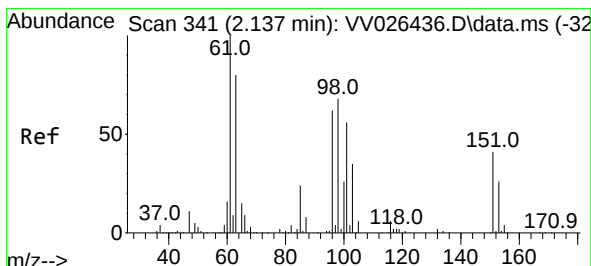
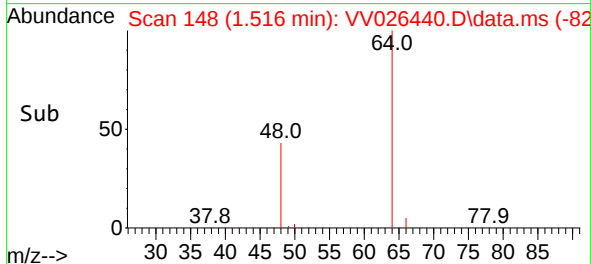
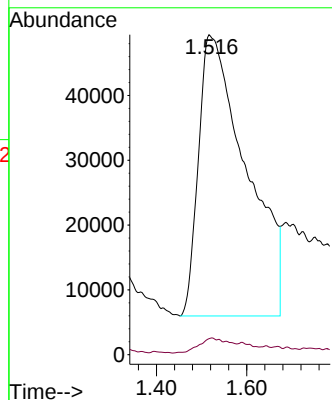
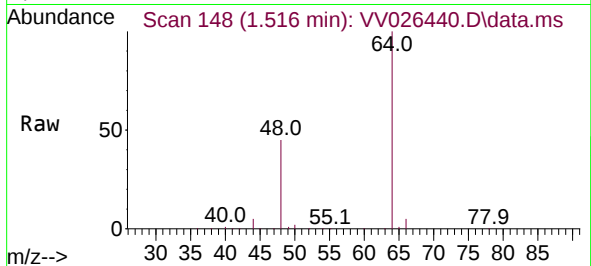




#8
Chloroethane
Concen: 26.857 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.087 min
Lab File: VV026440.D
Acq: 20 Jun 2022 12:54

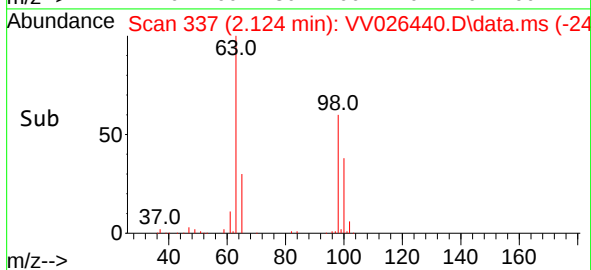
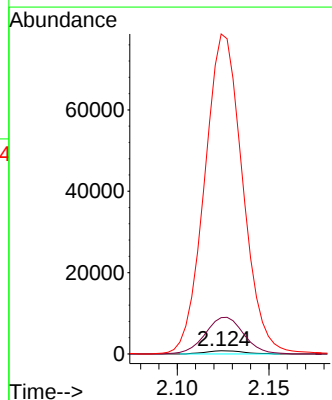
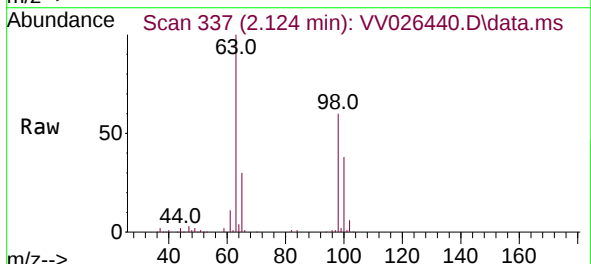
Instrument :
MSVOA_V
ClientSampleId :
EW4S7

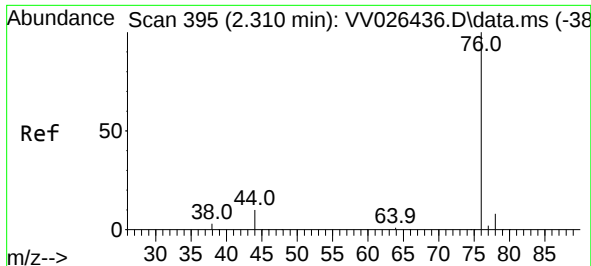
Tgt Ion: 64 Resp: 318420
Ion Ratio Lower Upper
64 100
66 5.0 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.013 min
Lab File: VV026440.D
Acq: 20 Jun 2022 12:54

Tgt Ion: 96 Resp: 1128
Ion Ratio Lower Upper
96 100
61 1146.0 117.1 217.5#
63 10098.1 92.8 172.4#

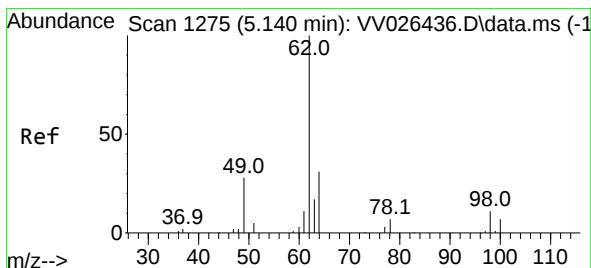
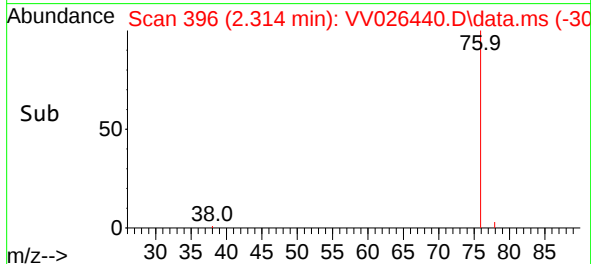
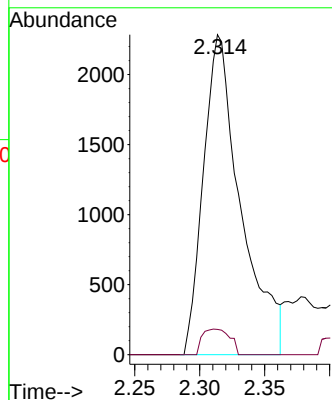
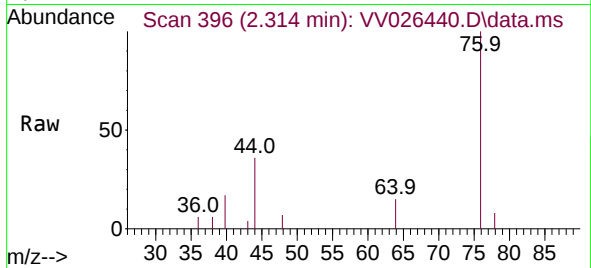




#14
Carbon disulfide
Concen: 0.132 ug/L
RT: 2.314 min Scan# 395
Delta R.T. 0.003 min
Lab File: VV026440.D
Acq: 20 Jun 2022 12:54

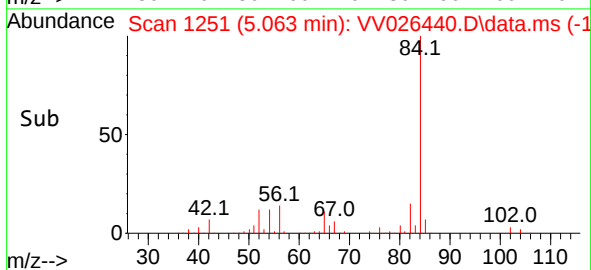
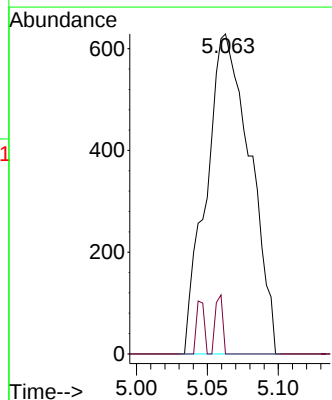
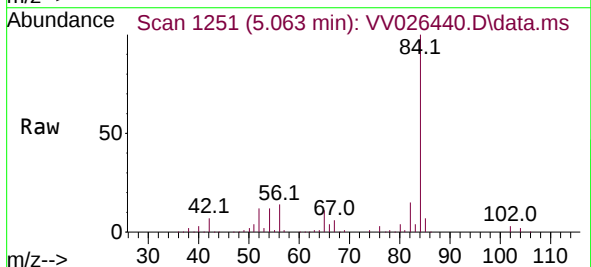
Instrument :
MSVOA_V
ClientSampleId :
EW4S7

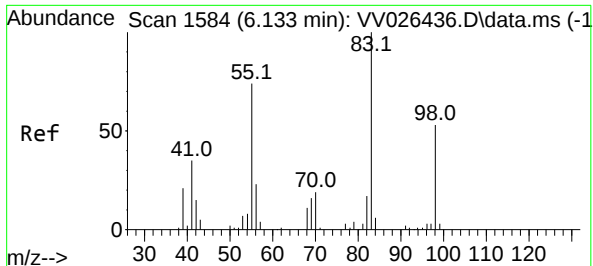
Tgt Ion: 76 Resp: 4566
Ion Ratio Lower Upper
76 100
78 7.9 7.7 11.5



#27
1,2-Dichloroethane
Concen: 0.106 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. -0.077 min
Lab File: VV026440.D
Acq: 20 Jun 2022 12:54

Tgt Ion: 62 Resp: 1352
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#

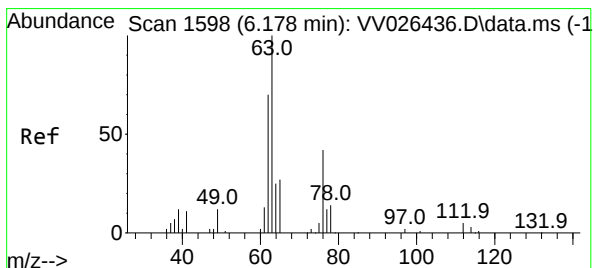
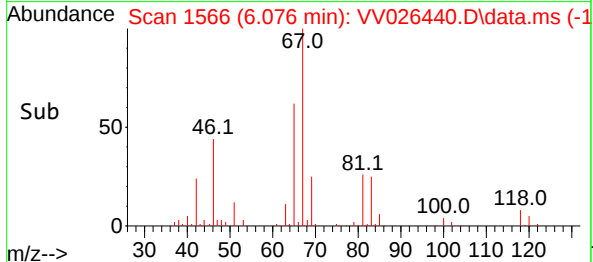
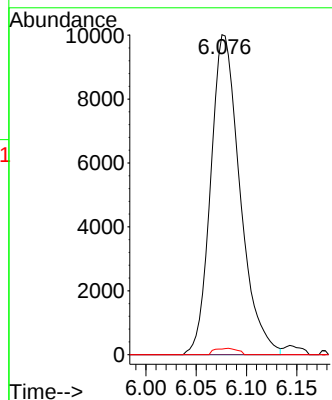
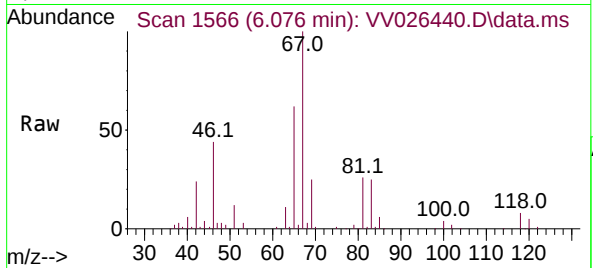




#35
Methylcyclohexane
Concen: 1.031 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026440.D
Acq: 20 Jun 2022 12:54

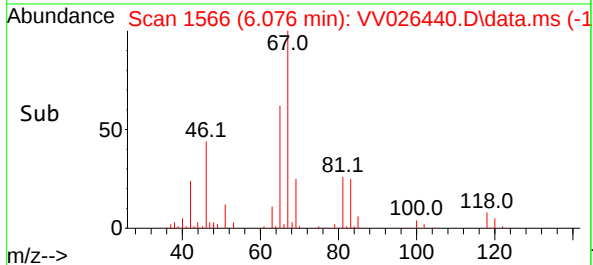
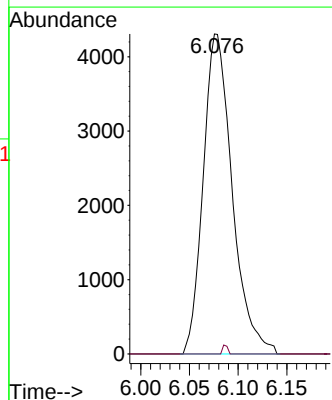
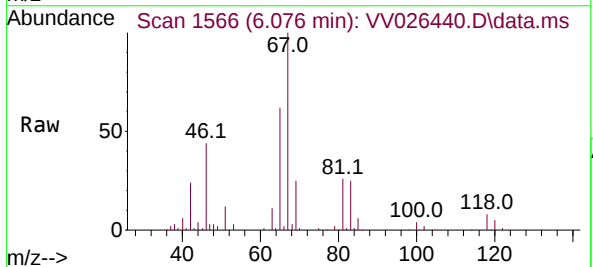
Instrument :
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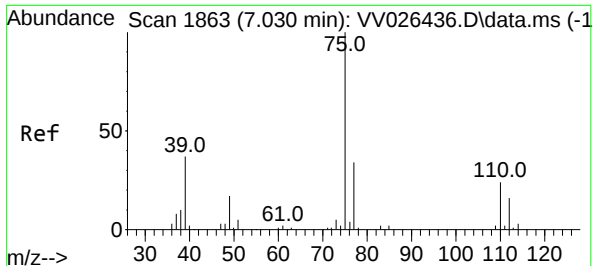
Tgt Ion: 83 Resp: 20335
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 1.5 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026440.D
Acq: 20 Jun 2022 12:54

Tgt Ion: 63 Resp: 8925
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV026440.D

Acq: 20 Jun 2022 12:54

Instrument :

MSVOA_V

ClientSampleId :

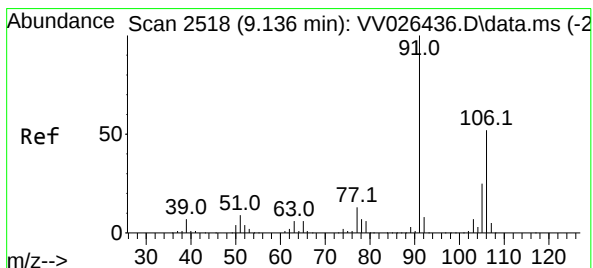
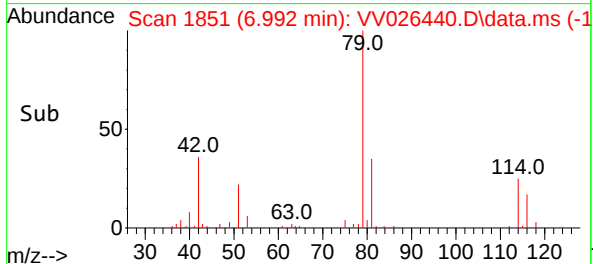
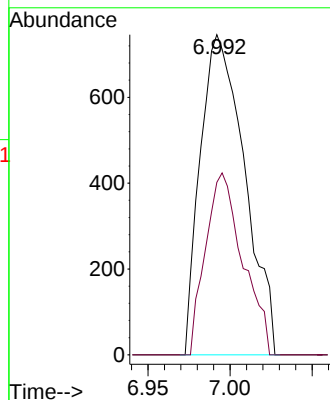
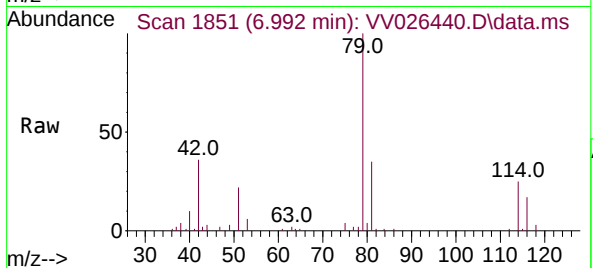
EW4S7

Tgt Ion: 75 Resp: 1397

Ion Ratio Lower Upper

75 100

77 53.9 23.0 42.6#



#53

m,p-Xylene

Concen: 0.052 ug/L

RT: 9.156 min Scan# 2524

Delta R.T. 0.019 min

Lab File: VV026440.D

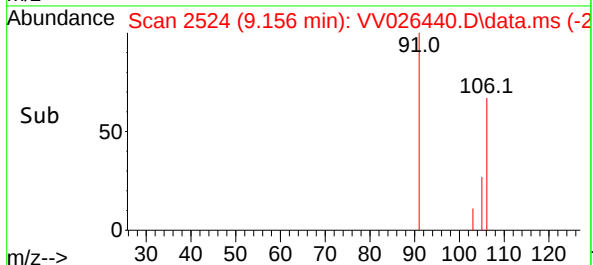
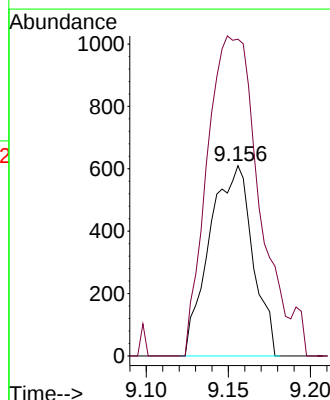
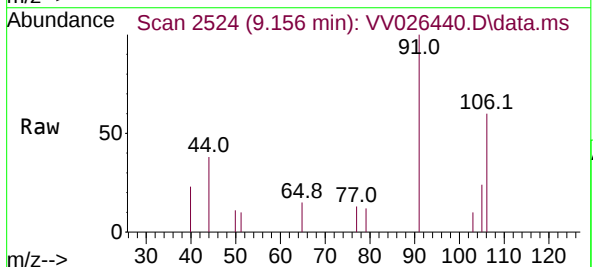
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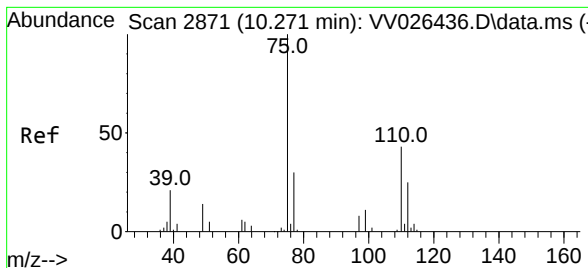
Tgt Ion: 106 Resp: 1116

Ion Ratio Lower Upper

106 100

91 166.6 141.3 262.3





#61

1,2,3-Trichloropropane

Concen: 1.748 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV026440.D

Acq: 20 Jun 2022 12:54

Instrument :

MSVOA_V

ClientSampleId :

EW4S7

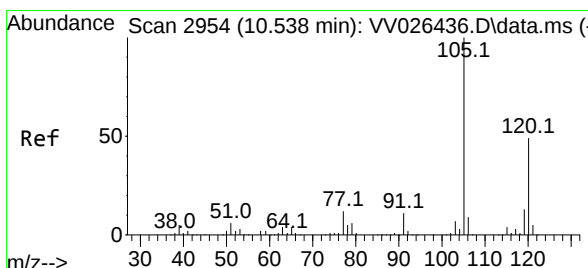
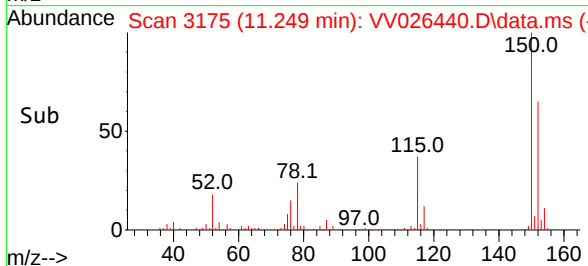
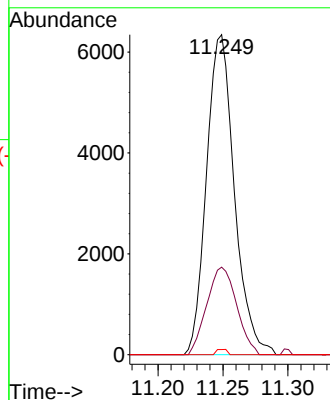
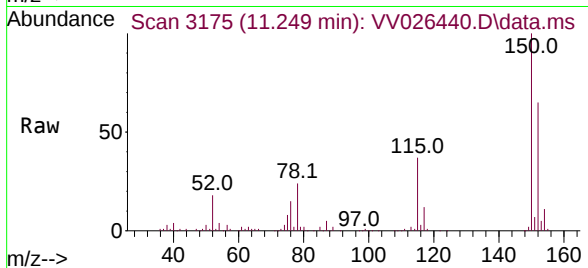
Tgt Ion: 75 Resp: 9469

Ion Ratio Lower Upper

75 100

77 29.2 26.9 40.3

110 0.6 30.7 46.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.031 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.379 min

Lab File: VV026440.D

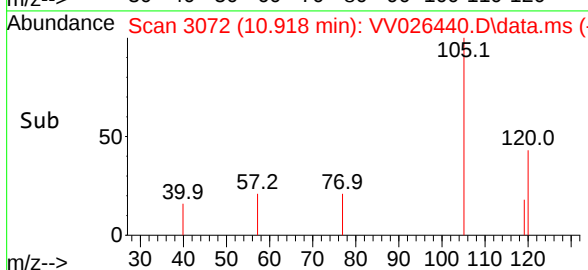
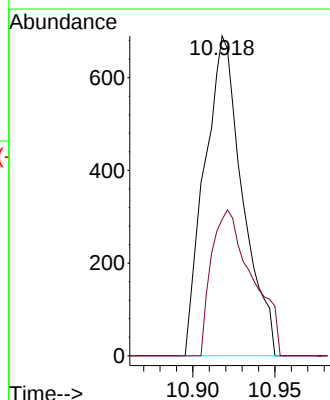
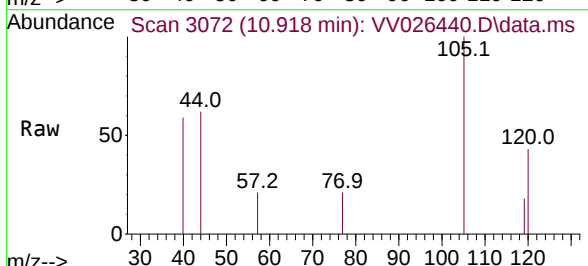
Acq: 20 Jun 2022 12:54

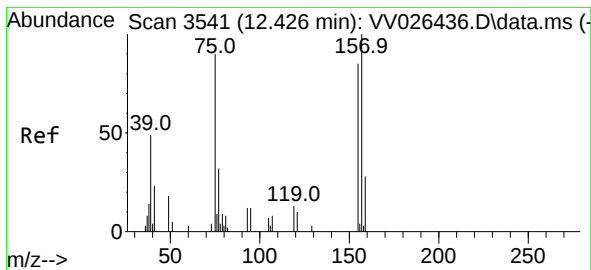
Tgt Ion: 105 Resp: 1107

Ion Ratio Lower Upper

105 100

120 49.1 39.9 59.9





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.279 ug/L
 RT: 12.239 min Scan# 34
 Delta R.T. -0.186 min
 Lab File: VV026440.D
 Acq: 20 Jun 2022 12:54

Instrument :
 MSVOA_V
 ClientSampleId :
 EW4S7

Tgt Ion: 75 Resp: 268
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 85.0 127.6#

