

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026460.D
 Acq On : 20 Jun 2022 21:01
 Operator : SY/MD
 Sample : N3355-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY0C4

Quant Time: Jun 21 05:40:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

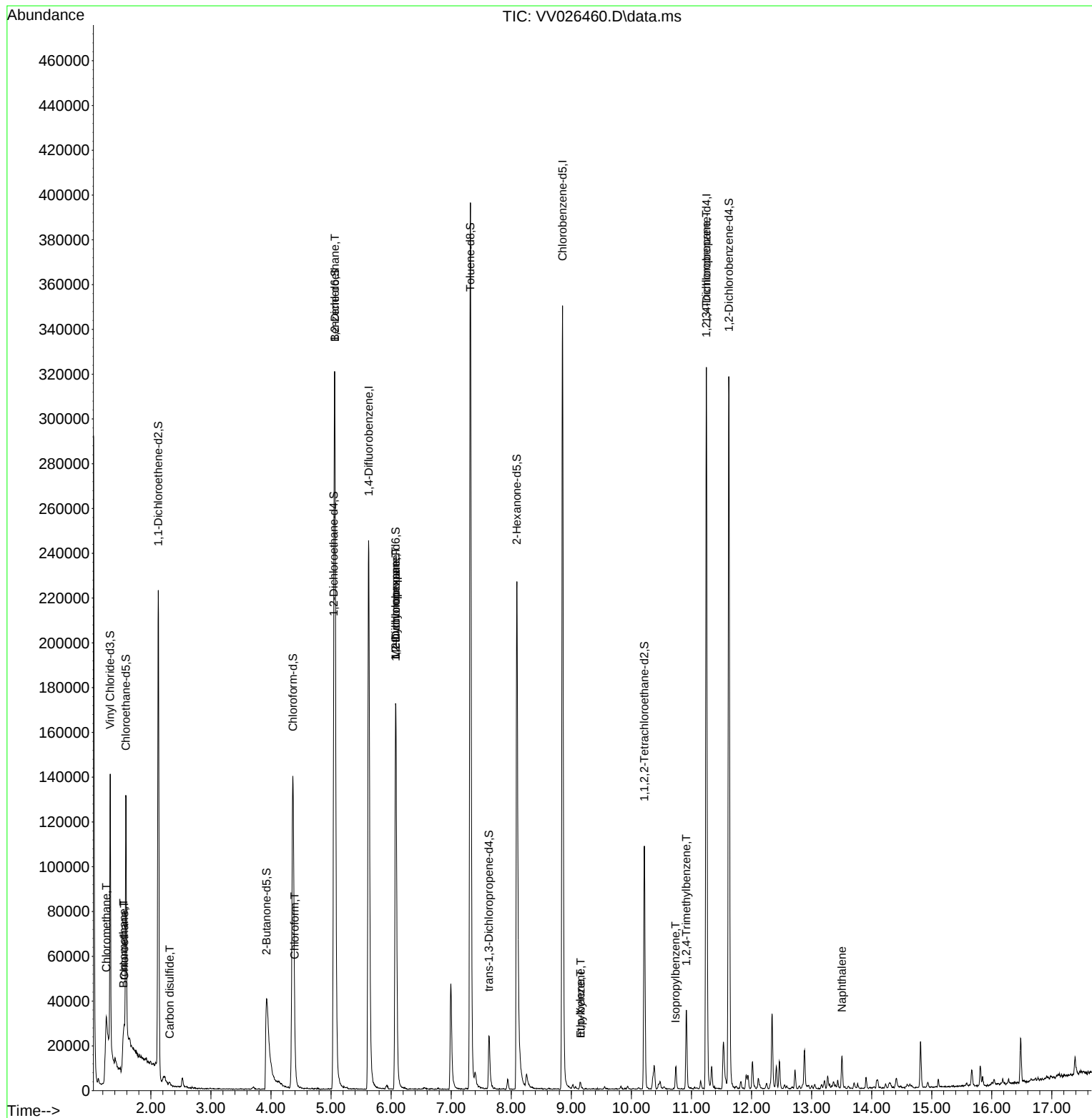
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	224905	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	201904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	79872	4.089	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.584	69	68806	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.124	63	115522	3.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.924	46	101175	53.079	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.160%
24) Chloroform-d	4.365	84	152786	5.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.043	65	62949	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.063	84	314235	5.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.400%
36) 1,2-Dichloropropane-d6	6.075	67	89661	5.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.800%
41) Toluene-d8	7.320	98	269932	5.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	7.628	79	16072	3.146	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.000%
46) 2-Hexanone-d5	8.091	63	81305	52.687	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	53626	5.526	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	83680	6.222	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.400%#
Target Compounds						Qvalue
3) Chloromethane	1.259	50	6584	0.353	ug/L	97
6) Bromomethane	1.542	94	844	0.078	ug/L	84
8) Chloroethane	1.558	64	25850	2.145	ug/L #	49
14) Carbon disulfide	2.313	76	2204	0.063	ug/L #	93
25) Chloroform	4.394	83	3665	0.129	ug/L	84
27) 1,2-Dichloroethane	5.063	62	1531	0.118	ug/L #	71
35) Methylcyclohexane	6.075	83	21759	1.113	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	9206	0.680	ug/L #	88
52) Ethylbenzene	9.156	91	2653	0.049	ug/L	91
53) m,p-Xylene	9.149	106	981	0.046	ug/L	78
60) Isopropylbenzene	10.738	105	6754	0.145	ug/L	94
61) 1,2,3-Trichloropropane	11.246	75	10090	1.781	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.914	105	19451	0.532	ug/L	98
71) Naphthalene	13.506	128	12296	0.726	ug/L	98

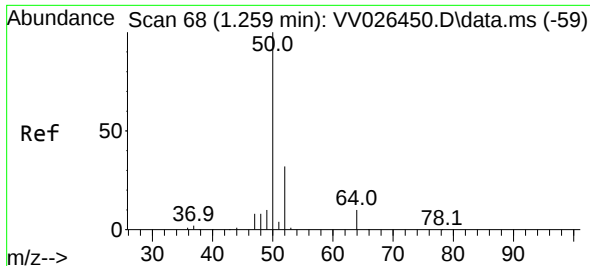
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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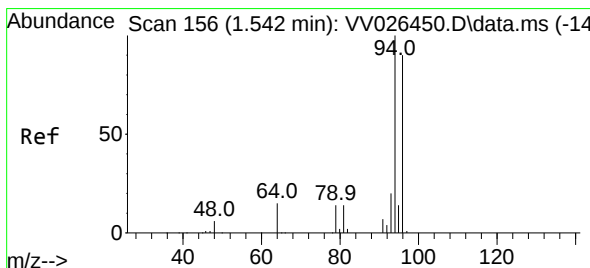
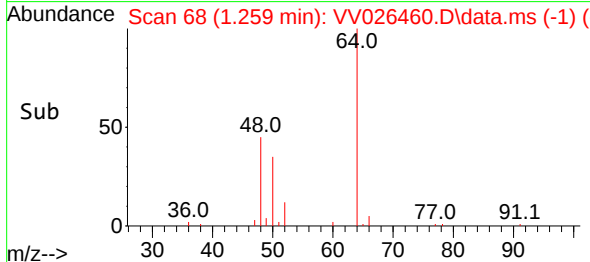
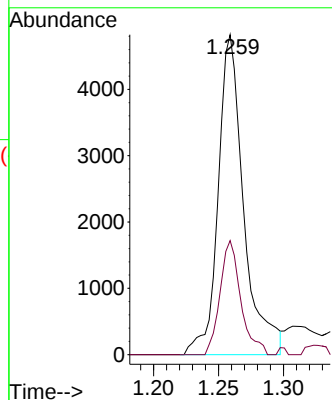
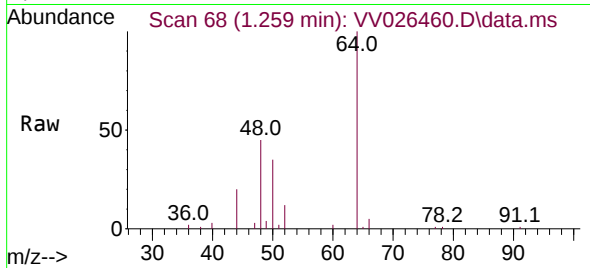




#3
Chloromethane
Concen: 0.353 ug/L
RT: 1.259 min Scan# 68
Delta R.T. -0.000 min
Lab File: VV026460.D
Acq: 20 Jun 2022 21:01

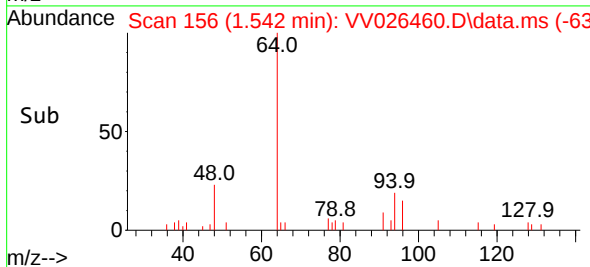
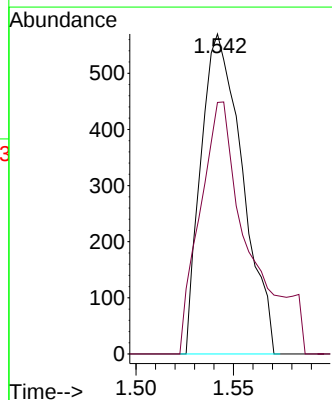
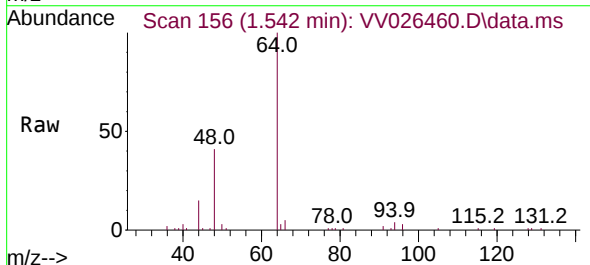
Instrument :
MSVOA_V
ClientSampleId :
EY0C4

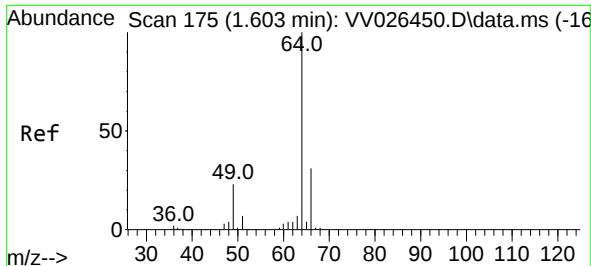
Tgt Ion: 50 Resp: 6584
Ion Ratio Lower Upper
50 100
52 35.7 23.7 44.1



#6
Bromomethane
Concen: 0.078 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV026460.D
Acq: 20 Jun 2022 21:01

Tgt Ion: 94 Resp: 844
Ion Ratio Lower Upper
94 100
96 78.6 65.7 121.9

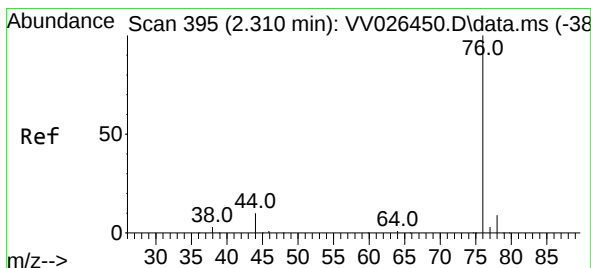
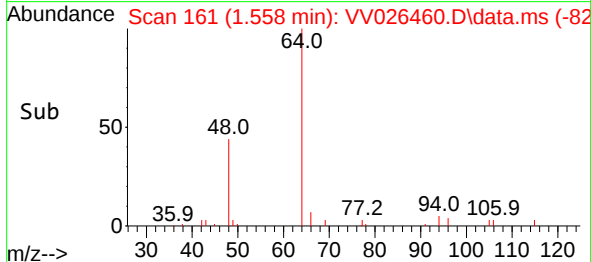
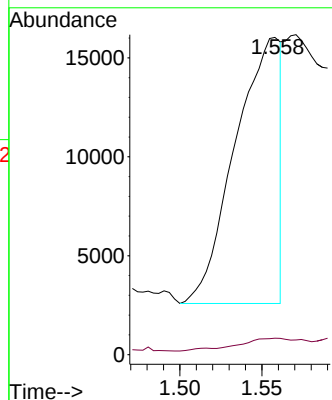
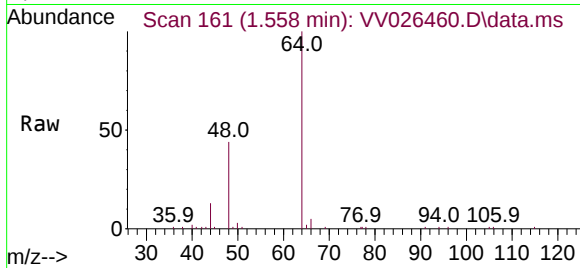




#8
Chloroethane
Concen: 2.145 ug/L
RT: 1.558 min Scan# 1
Delta R.T. -0.045 min
Lab File: VV026460.D
Acq: 20 Jun 2022 21:01

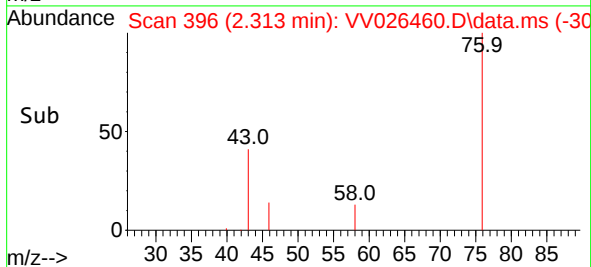
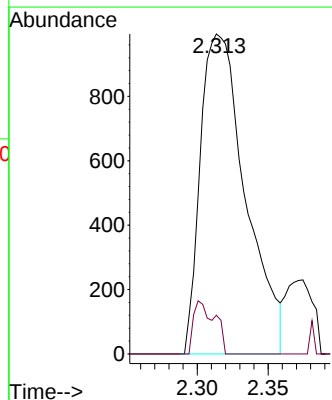
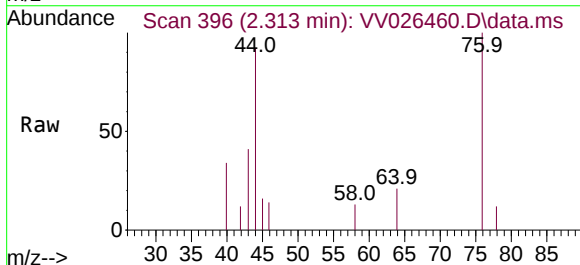
Instrument :
MSVOA_V
ClientSampleId :
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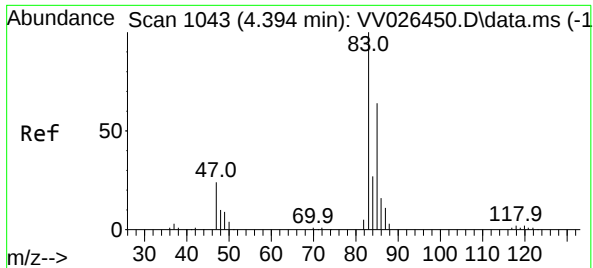
Tgt Ion: 64 Resp: 25850
Ion Ratio Lower Upper
64 100
66 5.2 24.1 44.7#



#14
Carbon disulfide
Concen: 0.063 ug/L
RT: 2.313 min Scan# 396
Delta R.T. 0.003 min
Lab File: VV026460.D
Acq: 20 Jun 2022 21:01

Tgt Ion: 76 Resp: 2204
Ion Ratio Lower Upper
76 100
78 12.1 7.7 11.5#

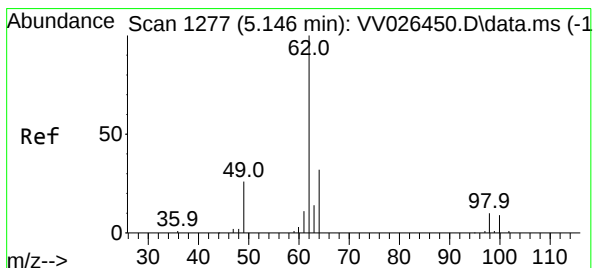
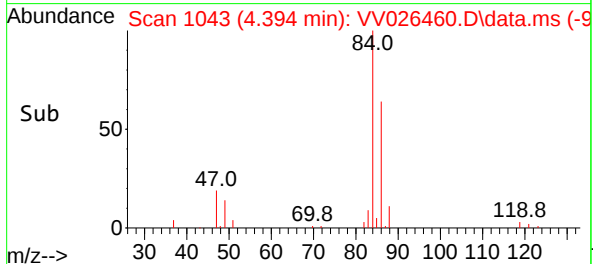
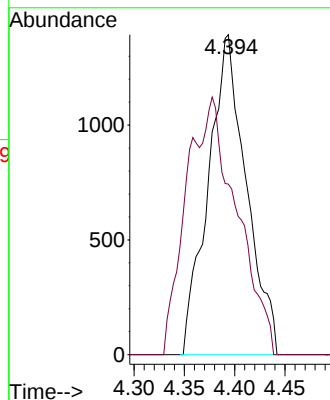
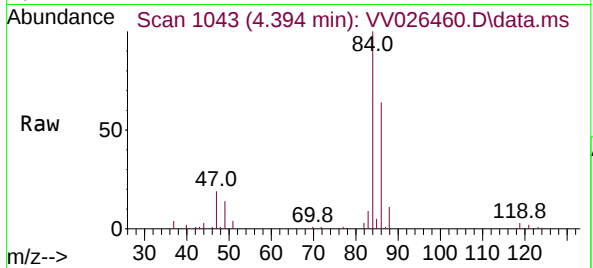




#25
Chloroform
Concen: 0.129 ug/L
RT: 4.394 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VV026460.D
Acq: 20 Jun 2022 21:01

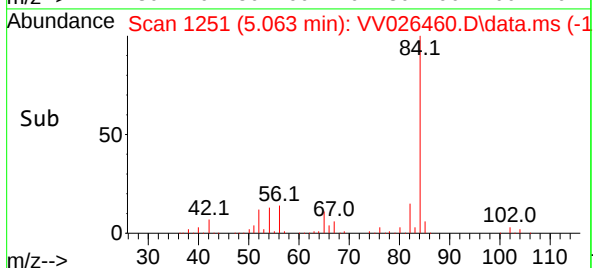
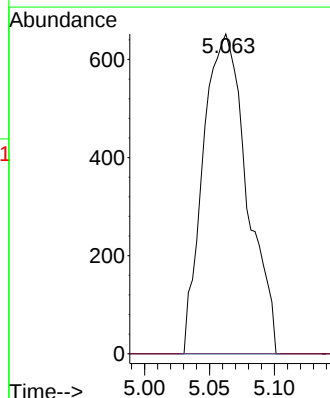
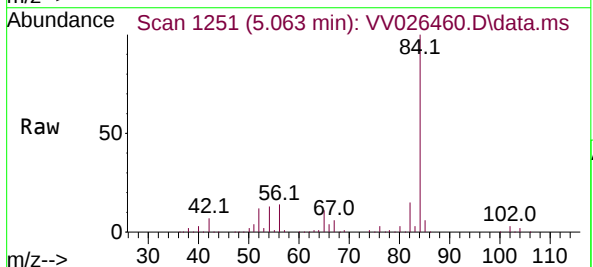
Instrument :
MSVOA_V
ClientSampleId :
EY0C4

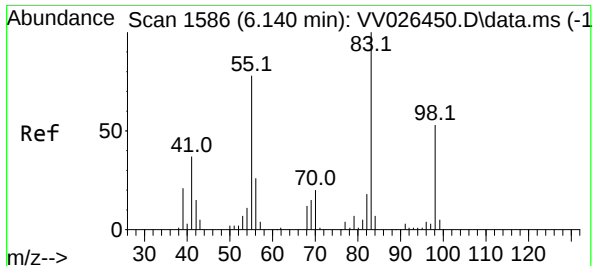
Tgt Ion: 83 Resp: 3665
Ion Ratio Lower Upper
83 100
85 53.3 46.5 86.3



#27
1,2-Dichloroethane
Concen: 0.118 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. -0.084 min
Lab File: VV026460.D
Acq: 20 Jun 2022 21:01

Tgt Ion: 62 Resp: 1531
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#





#35

Methylcyclohexane

Concen: 1.113 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.065 min

Lab File: VV026460.D

Acq: 20 Jun 2022 21:01

Instrument :

MSVOA_V

ClientSampleId :

EY0C4

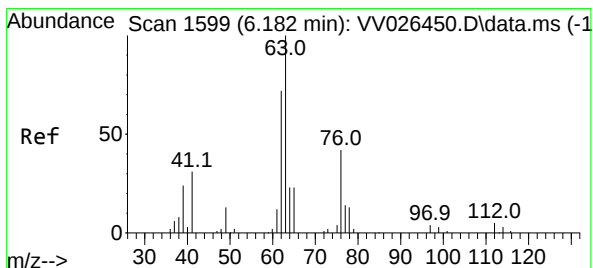
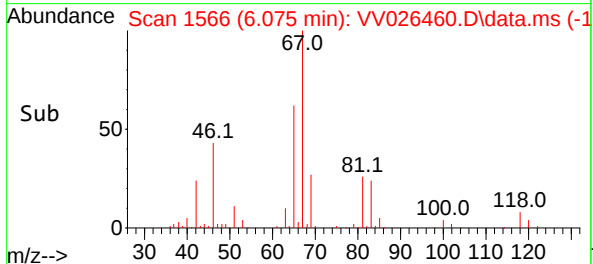
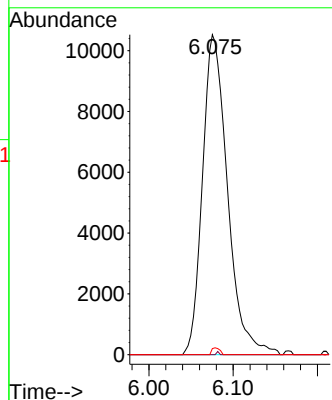
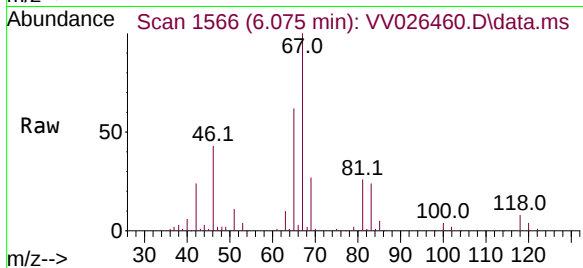
Tgt Ion: 83 Resp: 21759

Ion Ratio Lower Upper

83 100

55 0.1 59.3 88.9#

98 0.7 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.680 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.103 min

Lab File: VV026460.D

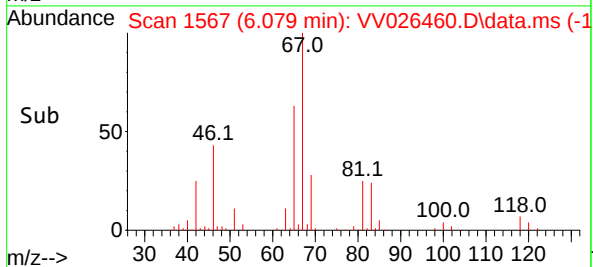
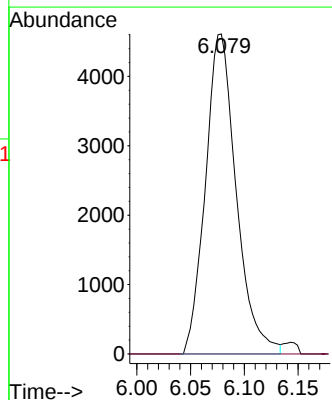
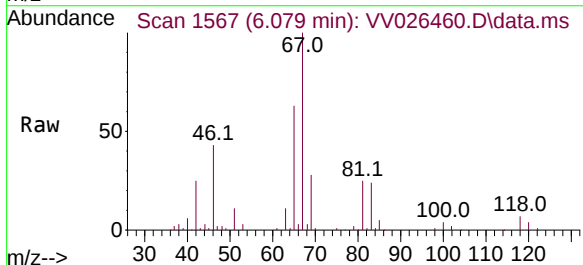
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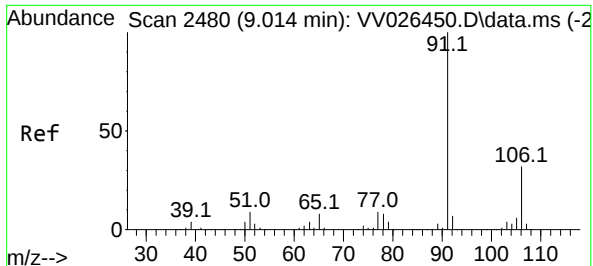
Tgt Ion: 63 Resp: 9206

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#52

Ethylbenzene

Concen: 0.049 ug/L

RT: 9.156 min Scan# 21

Delta R.T. 0.141 min

Lab File: VV026460.D

Acq: 20 Jun 2022 21:01

Instrument :

MSVOA_V

ClientSampleId :

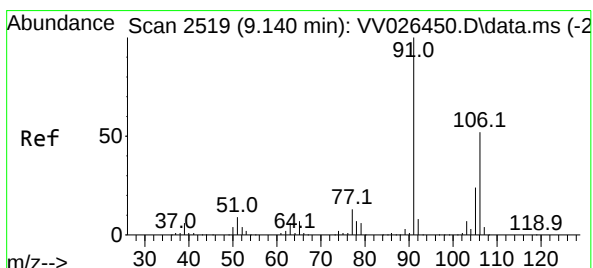
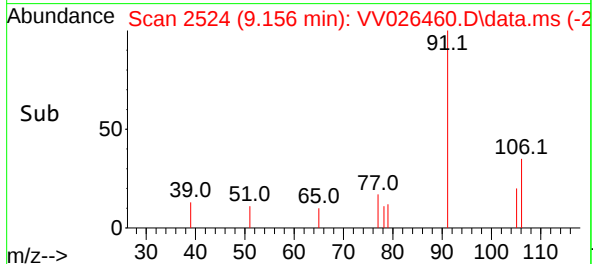
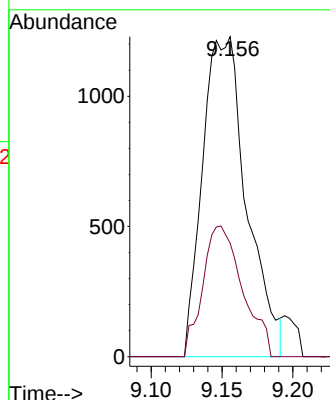
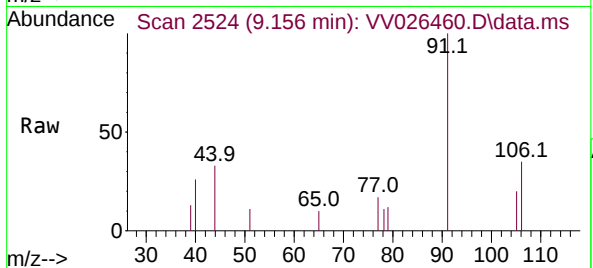
EY0C4

Tgt Ion: 91 Resp: 2653

Ion Ratio Lower Upper

91 100

106 35.5 21.6 40.0



#53

m,p-Xylene

Concen: 0.046 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.009 min

Lab File: VV026460.D

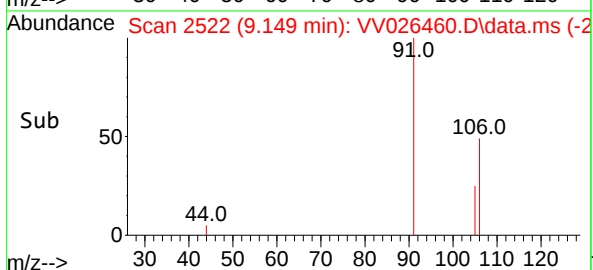
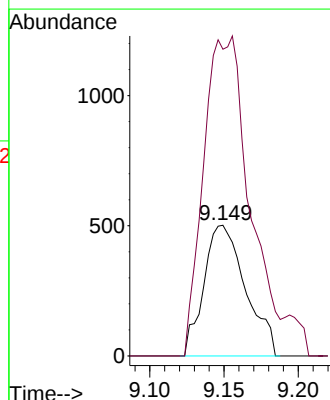
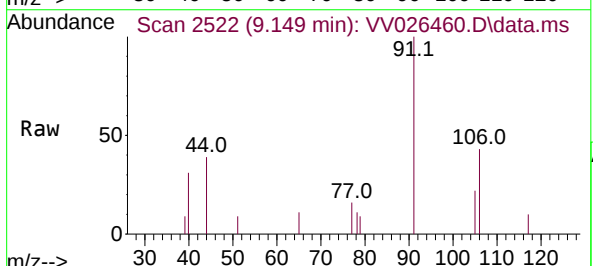
Acq: 20 Jun 2022 21:01

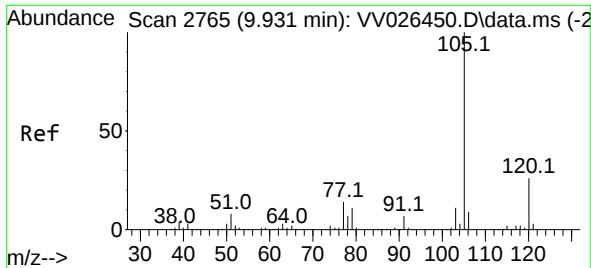
Tgt Ion: 106 Resp: 981

Ion Ratio Lower Upper

106 100

91 234.7 141.3 262.3

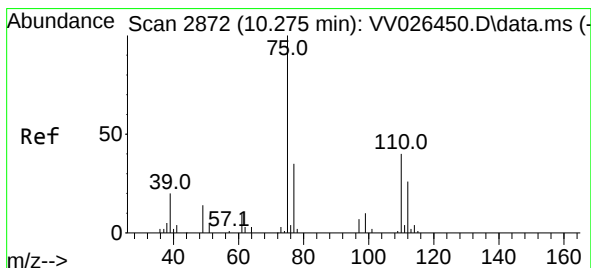
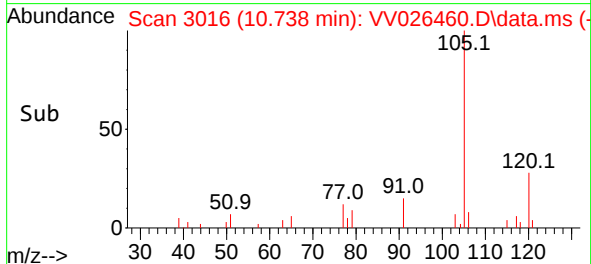
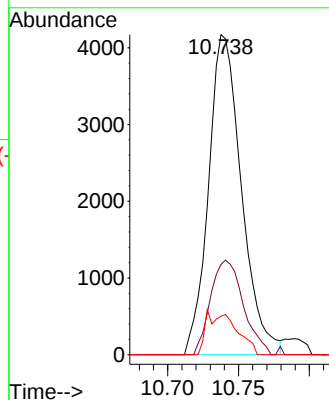
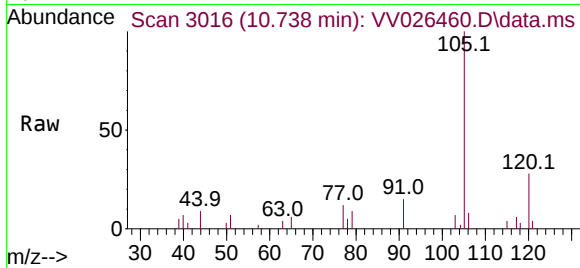




#60
Isopropylbenzene
Concen: 0.145 ug/L
RT: 10.738 min Scan# 3016
Delta R.T. 0.807 min
Lab File: VV026460.D
Acq: 20 Jun 2022 21:01

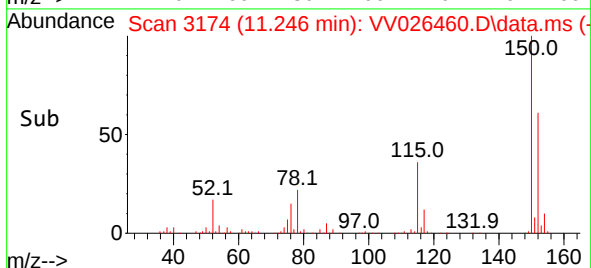
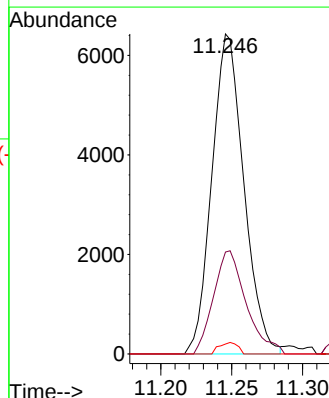
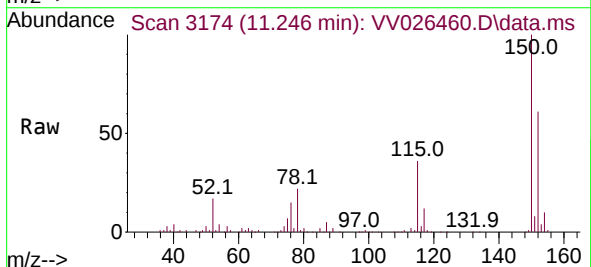
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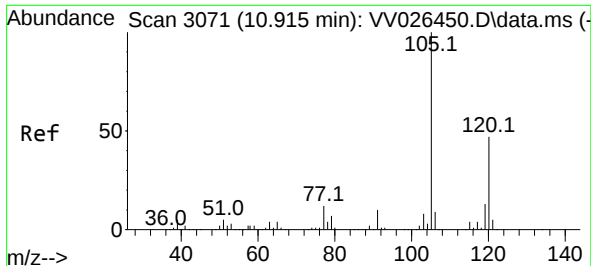
Tgt Ion:105 Resp: 6754
Ion Ratio Lower Upper
105 100
120 29.4 21.5 32.3
77 12.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 1.781 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV026460.D
Acq: 20 Jun 2022 21:01

Tgt Ion: 75 Resp: 10090
Ion Ratio Lower Upper
75 100
77 32.9 26.9 40.3
110 2.1 30.7 46.1#





#63

1,2,4-Trimethylbenzene

Concen: 0.532 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV026460.D

Acq: 20 Jun 2022 21:01

Instrument :

MSVOA_V

ClientSampleId :

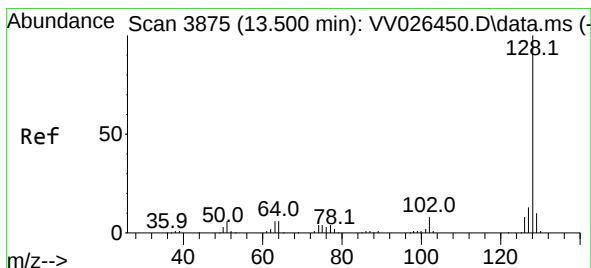
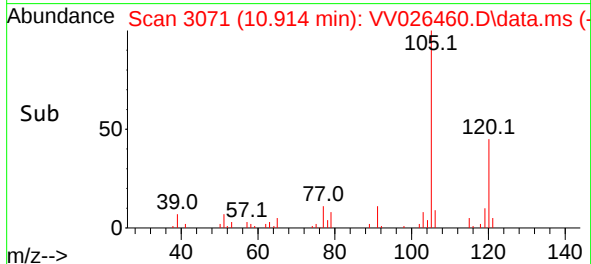
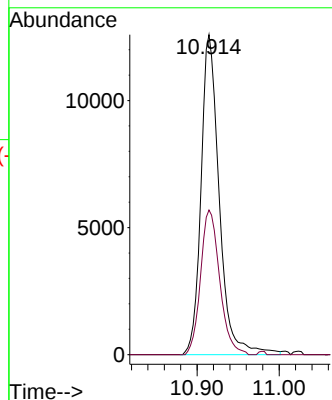
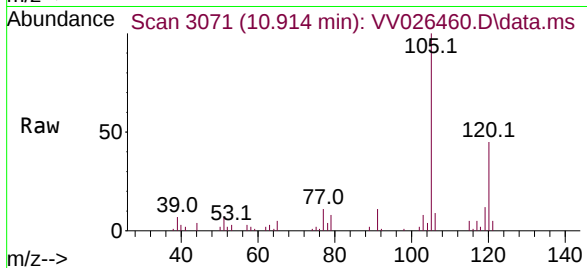
EY0C4

Tgt Ion:105 Resp: 19451

Ion Ratio Lower Upper

105 100

120 47.2 36.9 55.3



#71

Naphthalene

Concen: 0.726 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV026460.D

Acq: 20 Jun 2022 21:01

Tgt Ion:128 Resp: 12296

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

127 14.5 10.6 16.0

