

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060822\
 Data File : VW026023.D
 Acq On : 08 Jun 2022 16:13
 Operator : SY/MD
 Sample : N3188-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B01

Quant Time: Jun 09 05:22:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 05:13:00 2022
 Response via : Initial Calibration

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

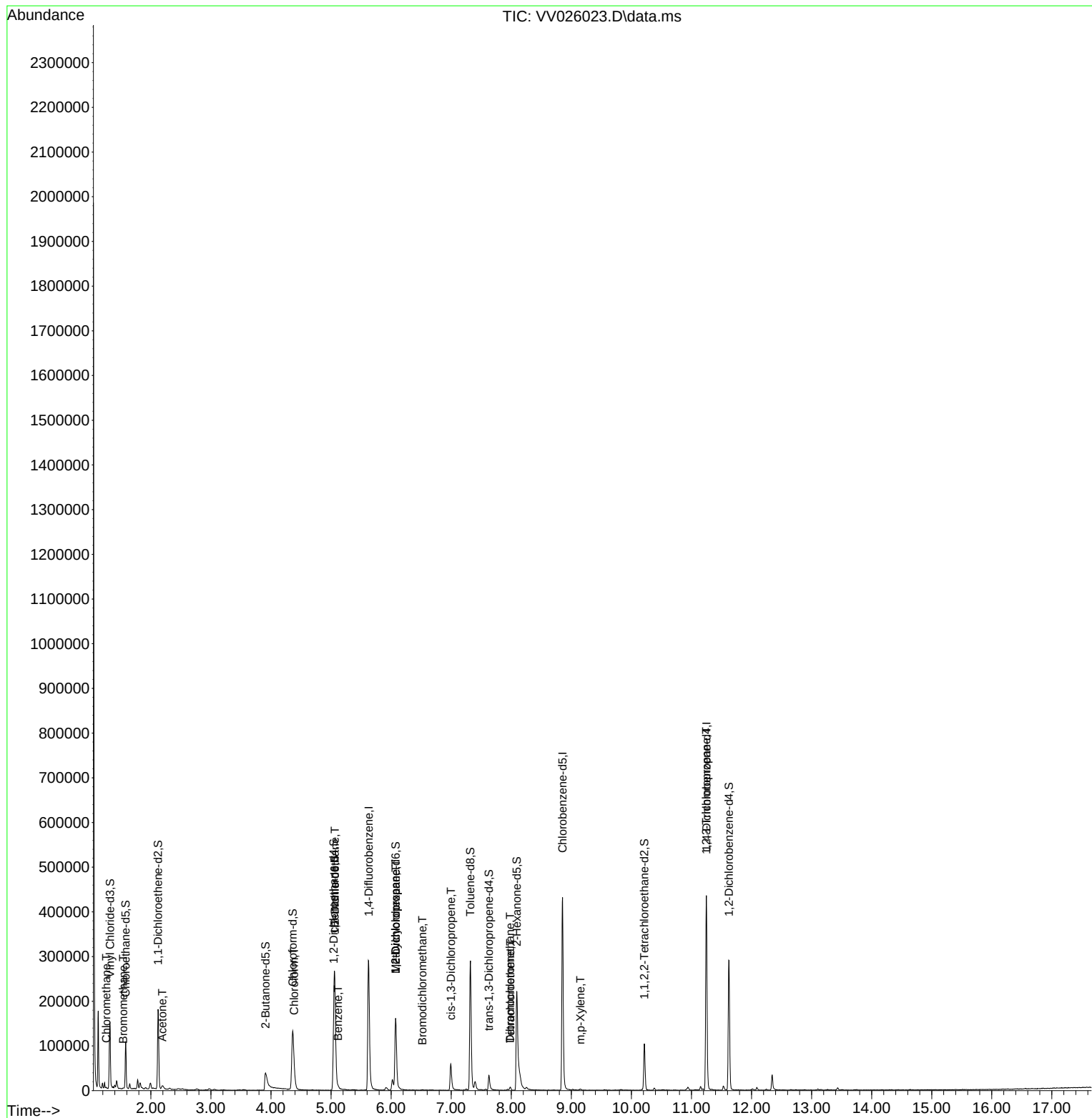
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	256180	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	241530	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	107781	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	60015	3.991	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.581	69	64789	4.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.121	63	94731	2.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.600%#
20) 2-Butanone-d5	3.908	46	85184	38.299	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.600%
24) Chloroform-d	4.362	84	134053	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.043	65	56602	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.059	84	249524	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.076	67	82520	4.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.320	98	198277	3.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	7.629	79	20437	3.844	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.092	63	93692	40.050	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51762	4.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	77853	4.721	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1234	0.044	ug/L	87
6) Bromomethane	1.539	94	1008	0.059	ug/L	79
13) Acetone	2.191	43	14877	8.387	ug/L	85
25) Chloroform	4.384	83	19814	0.546	ug/L	91
27) 1,2-Dichloroethane	5.063	62	1318	0.073	ug/L #	72
33) Benzene	5.117	78	5358	0.071	ug/L	100
35) Methylcyclohexane	6.076	83	18987	0.621	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	8976	0.488	ug/L #	86
38) Bromodichloromethane	6.519	83	1146	0.052	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1685	0.074	ug/L	87
47) Tetrachloroethene	7.985	164	1467	0.096	ug/L	92
49) Dibromochloromethane	7.982	129	1632	0.125	ug/L #	9
53) m,p-Xylene	9.149	106	1062	0.033	ug/L	91
61) 1,2,3-Trichloropropane	11.246	75	13576	1.614	ug/L #	63

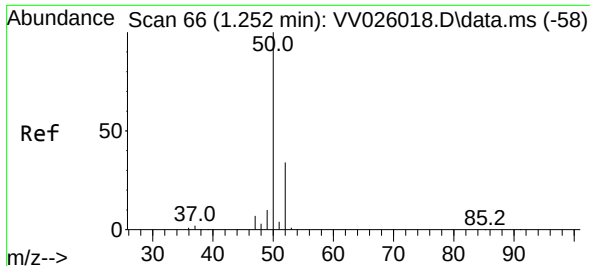
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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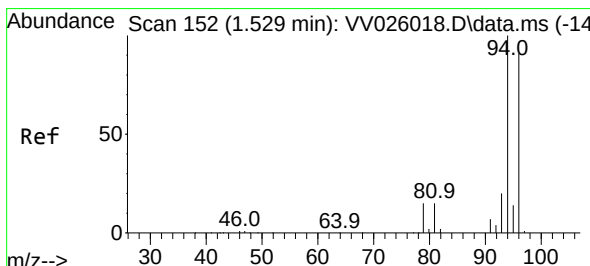
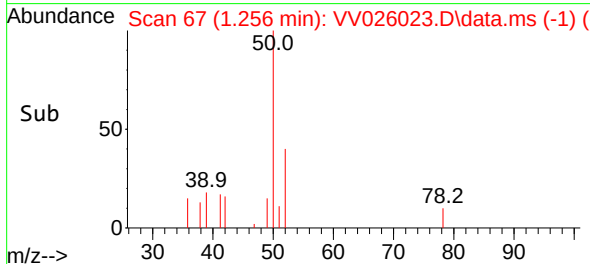
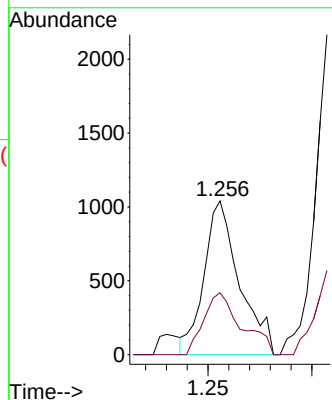
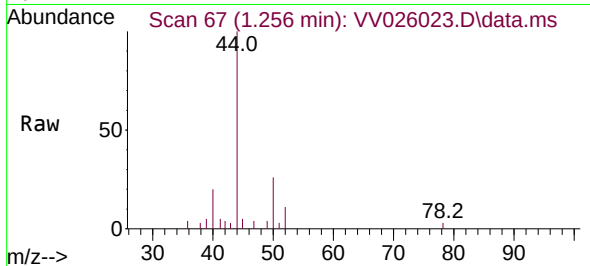




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026023.D
Acq: 08 Jun 2022 16:13

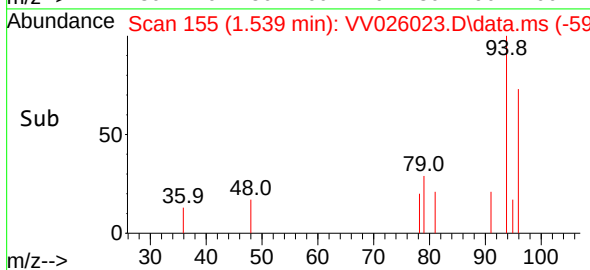
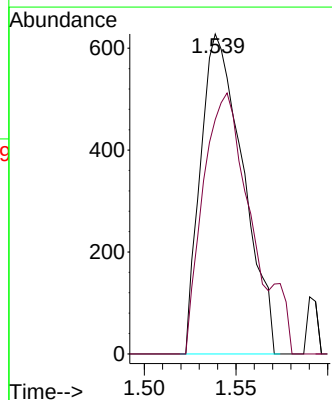
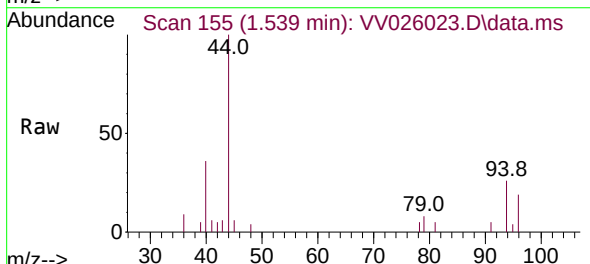
Instrument :
MSVOA_V
ClientSampleId :
H0B01

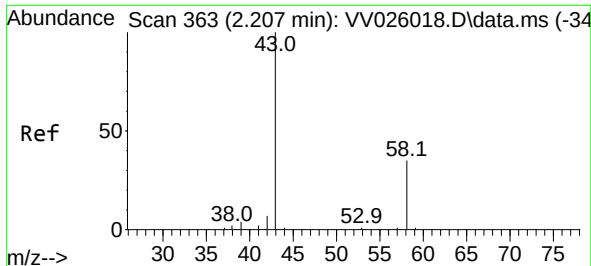
Tgt Ion: 50 Resp: 1234
Ion Ratio Lower Upper
50 100
52 40.2 23.0 42.6



#6
Bromomethane
Concen: 0.059 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.010 min
Lab File: VV026023.D
Acq: 08 Jun 2022 16:13

Tgt Ion: 94 Resp: 1008
Ion Ratio Lower Upper
94 100
96 73.2 65.5 121.6

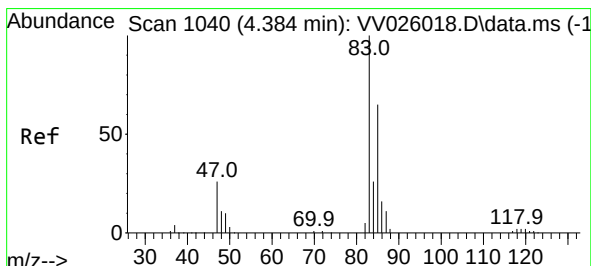
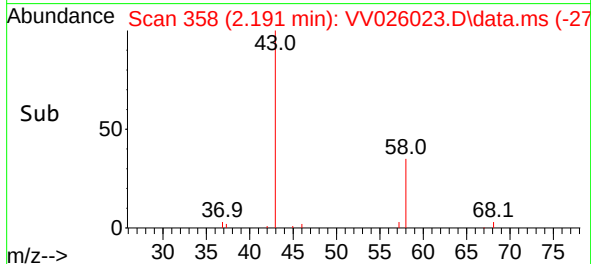
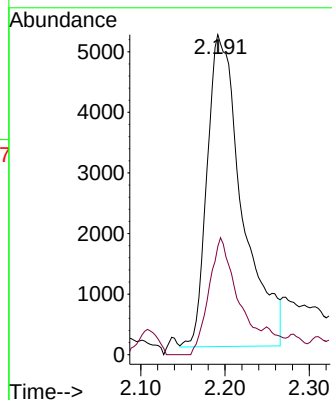
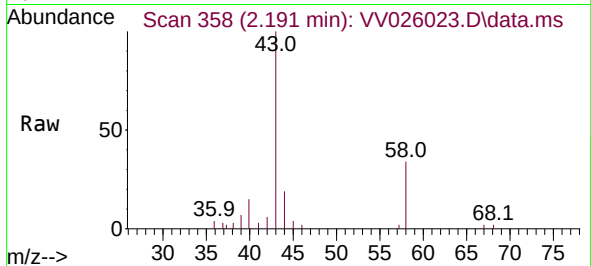




#13
Acetone
Concen: 8.387 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV026023.D
Acq: 08 Jun 2022 16:13

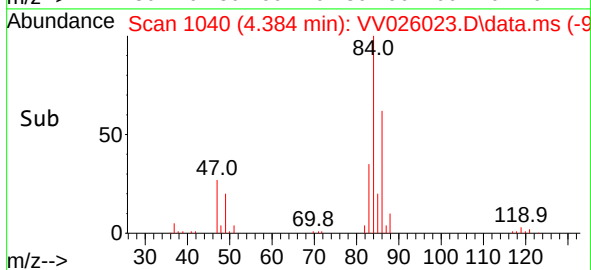
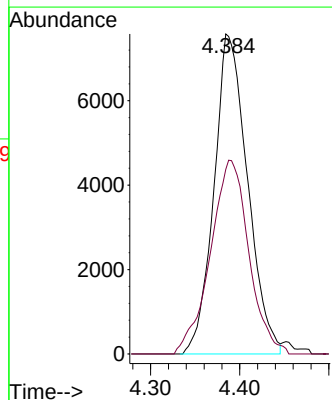
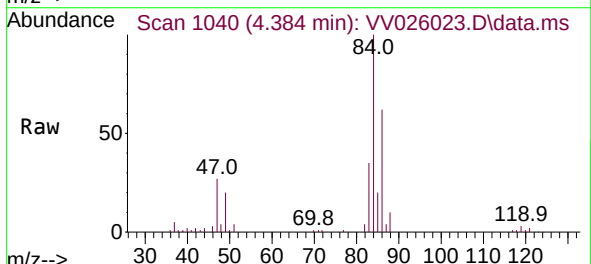
Instrument :
MSVOA_V
ClientSampleId :
H0B01

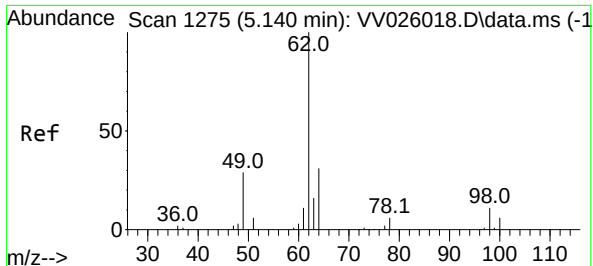
Tgt Ion: 43 Resp: 14877
Ion Ratio Lower Upper
43 100
58 31.1 0.0 47.6



#25
Chloroform
Concen: 0.546 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VV026023.D
Acq: 08 Jun 2022 16:13

Tgt Ion: 83 Resp: 19814
Ion Ratio Lower Upper
83 100
85 57.7 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.073 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. -0.077 min

Lab File: VV026023.D

Acq: 08 Jun 2022 16:13

Instrument :

MSVOA_V

ClientSampleId :

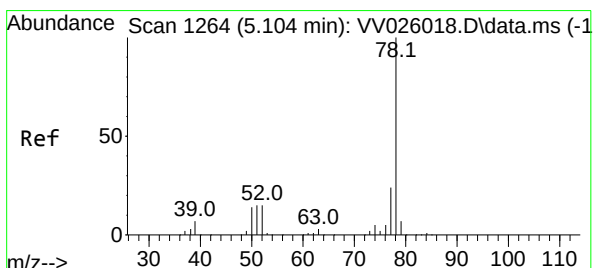
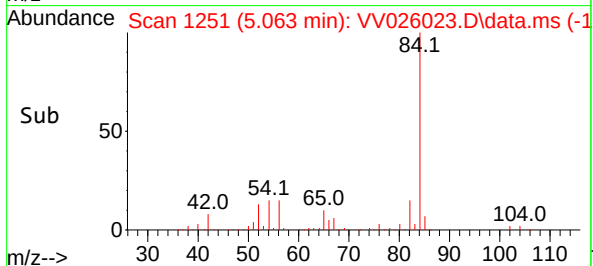
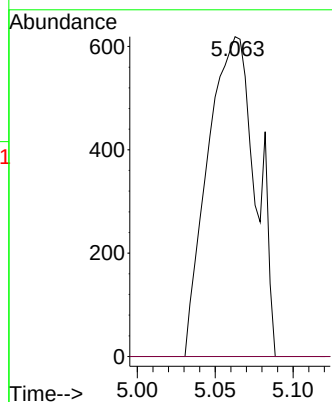
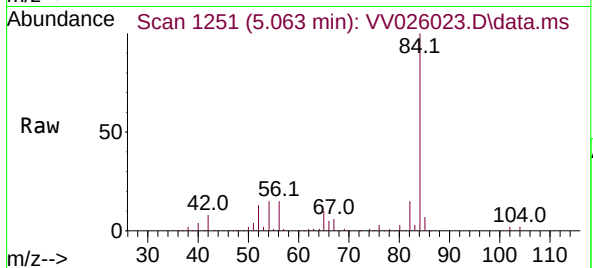
H0B01

Tgt Ion: 62 Resp: 1318

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#



#33

Benzene

Concen: 0.071 ug/L

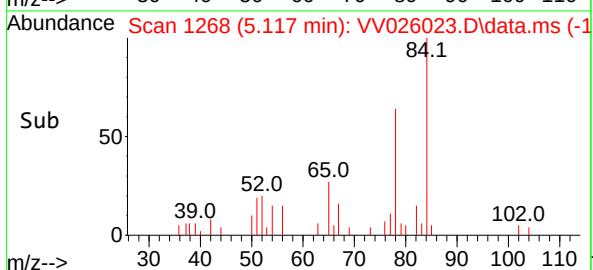
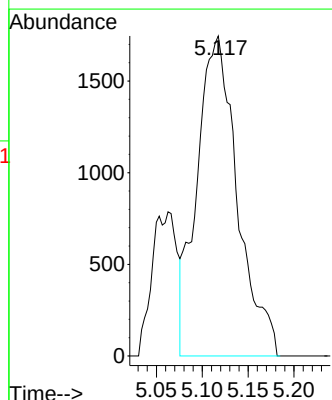
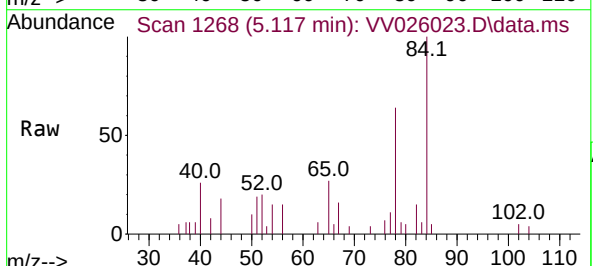
RT: 5.117 min Scan# 1268

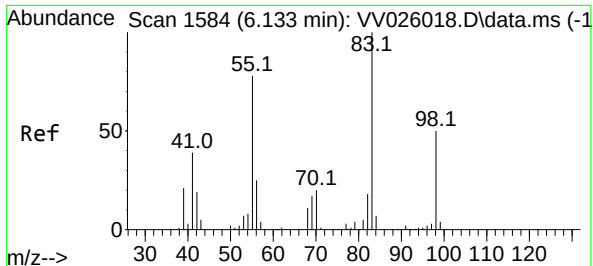
Delta R.T. 0.013 min

Lab File: VV026023.D

Acq: 08 Jun 2022 16:13

Tgt Ion: 78 Resp: 5358





#35

Methylcyclohexane

Concen: 0.621 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026023.D

Acq: 08 Jun 2022 16:13

Instrument :

MSVOA_V

ClientSampleId :

H0B01

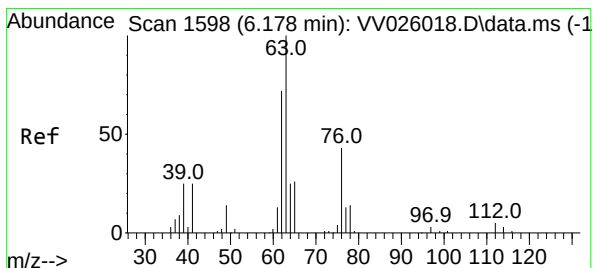
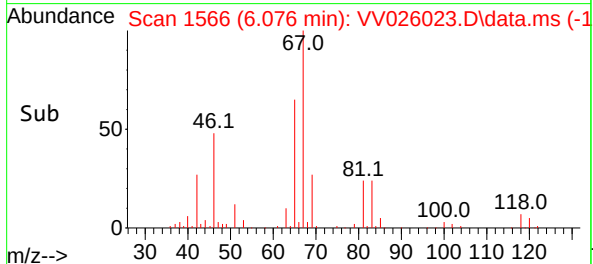
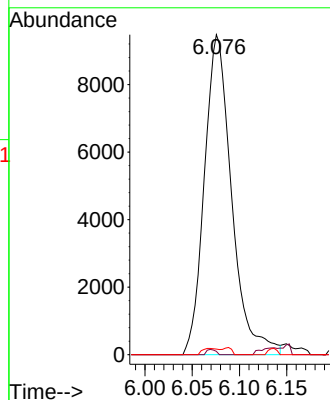
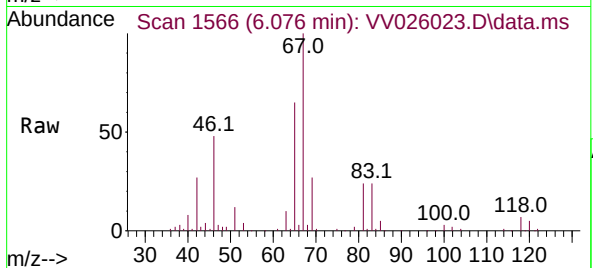
Tgt Ion: 83 Resp: 18987

Ion Ratio Lower Upper

83 100

55 0.5 59.4 89.0#

98 1.2 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 0.488 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.103 min

Lab File: VV026023.D

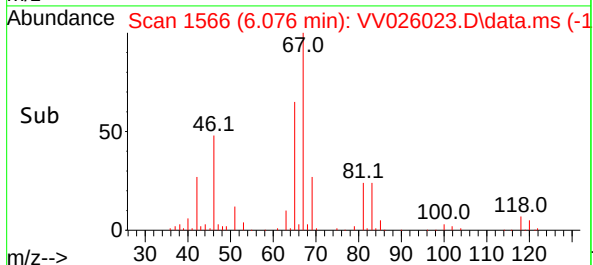
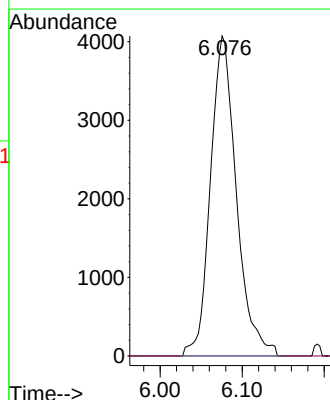
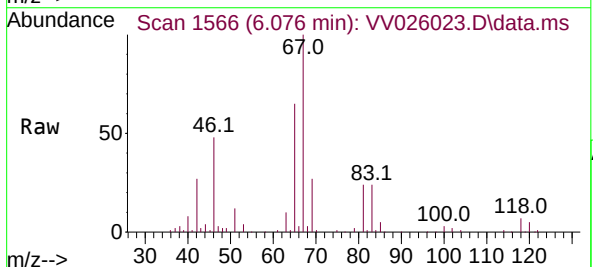
Acq: 08 Jun 2022 16:13

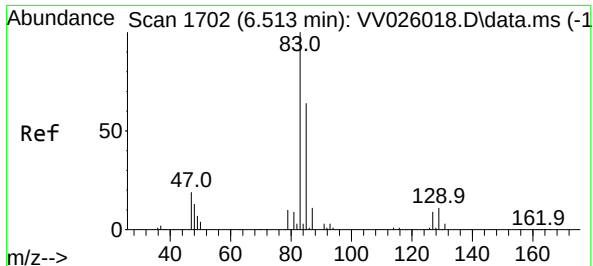
Tgt Ion: 63 Resp: 8976

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

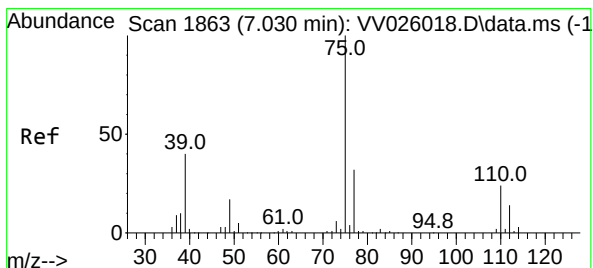
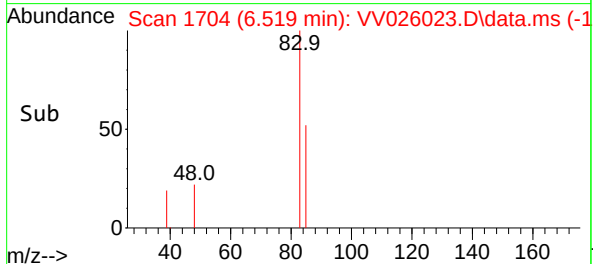
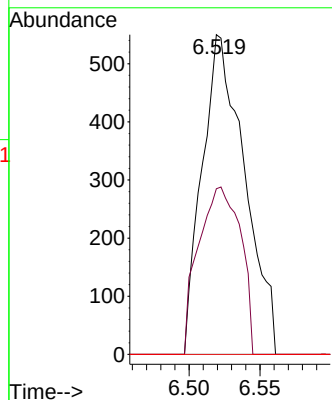
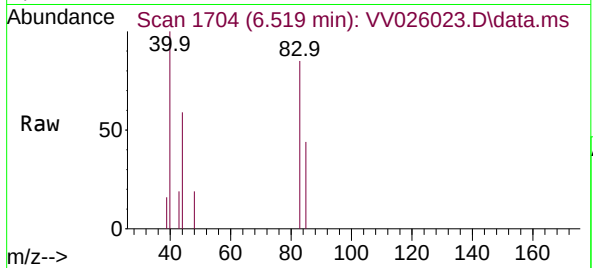




#38
Bromodichloromethane
Concen: 0.052 ug/L
RT: 6.519 min Scan# 1146
Delta R.T. 0.007 min
Lab File: VV026023.D
Acq: 08 Jun 2022 16:13

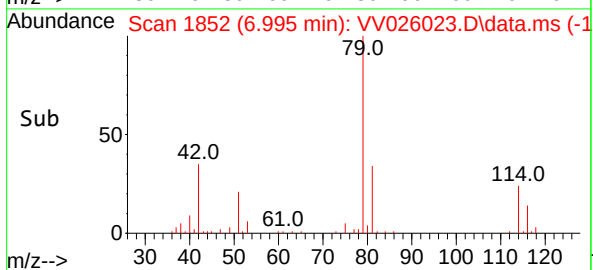
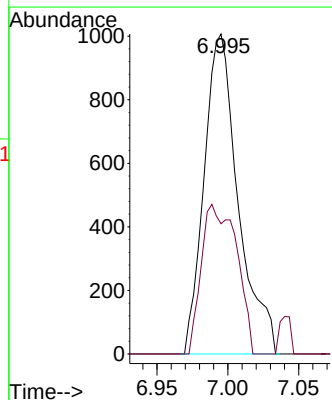
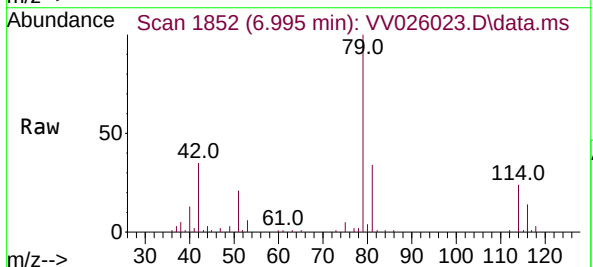
Instrument :
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H0B01

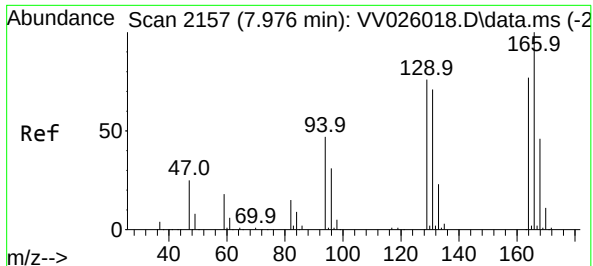
Tgt Ion: 83 Resp: 1146
Ion Ratio Lower Upper
83 100
85 51.8 44.8 83.2
127 0.0 6.6 10.0#



#39
cis-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.035 min
Lab File: VV026023.D
Acq: 08 Jun 2022 16:13

Tgt Ion: 75 Resp: 1685
Ion Ratio Lower Upper
75 100
77 40.7 23.2 43.0





#47

Tetrachloroethene

Concen: 0.096 ug/L

RT: 7.985 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV026023.D

Acq: 08 Jun 2022 16:13

Instrument :

MSVOA_V

ClientSampleId :

H0B01

Tgt Ion:164 Resp: 1467

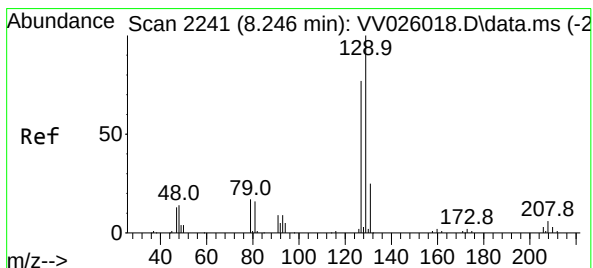
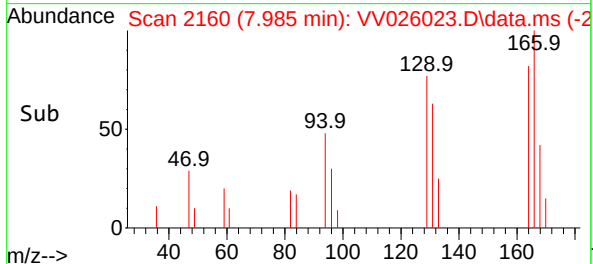
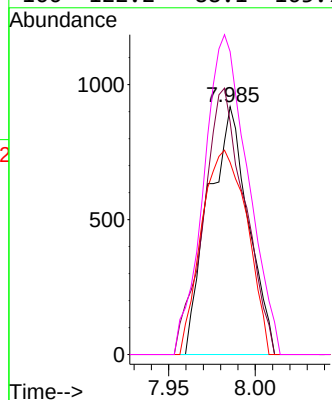
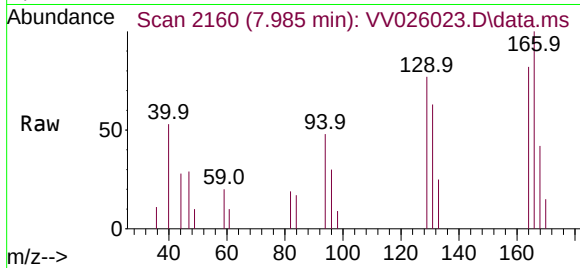
Ion Ratio Lower Upper

164 100

129 93.9 68.3 126.9

131 77.6 66.5 123.5

166 122.2 88.1 163.7



#49

Dibromochloromethane

Concen: 0.125 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV026023.D

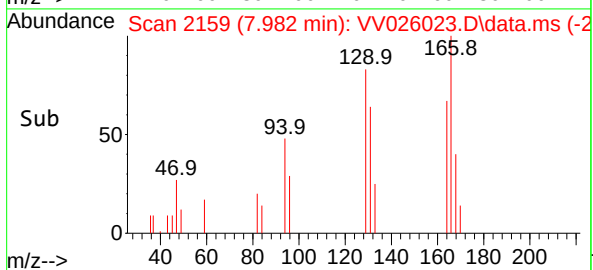
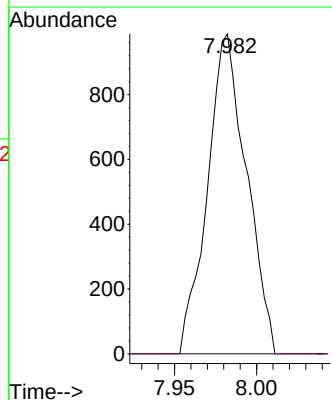
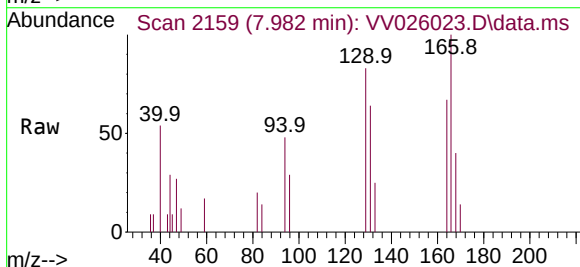
Acq: 08 Jun 2022 16:13

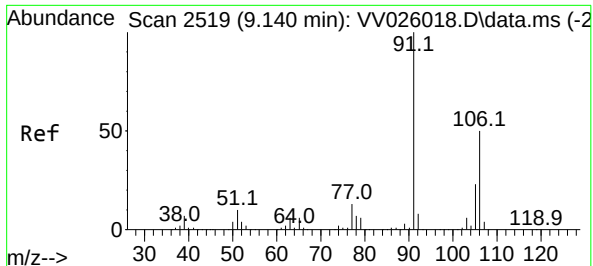
Tgt Ion:129 Resp: 1632

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#

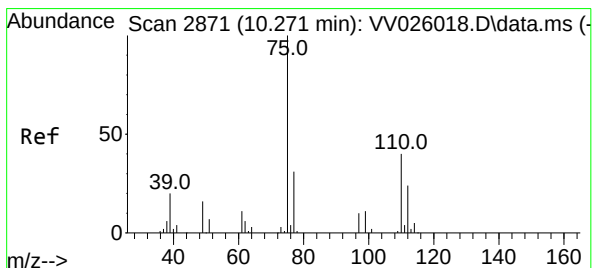
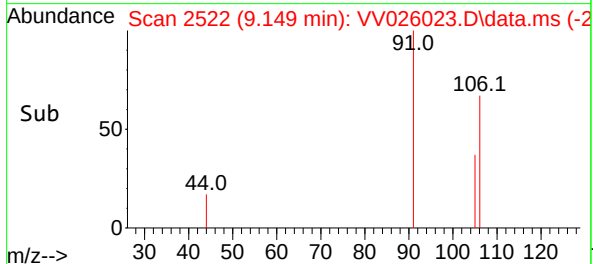
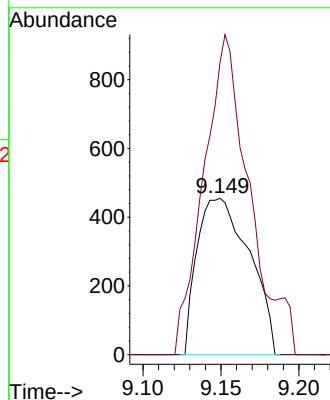
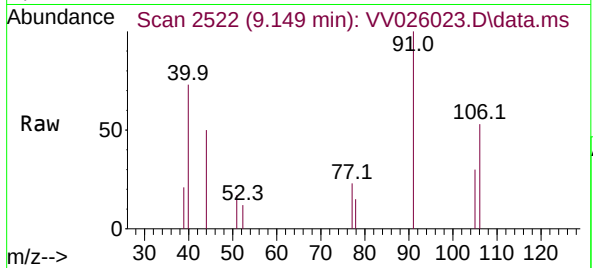




#53
m,p-Xylene
Concen: 0.033 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV026023.D
Acq: 08 Jun 2022 16:13

Instrument :
MSVOA_V
ClientSampleId :
H0B01

Tgt Ion:106 Resp: 1062
Ion Ratio Lower Upper
106 100
91 187.0 140.4 260.8



#61
1,2,3-Trichloropropane
Concen: 1.614 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026023.D
Acq: 08 Jun 2022 16:13

Tgt Ion: 75 Resp: 13576
Ion Ratio Lower Upper
75 100
77 38.6 26.6 40.0
110 2.6 32.0 48.0#

