

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060822\
 Data File : VV026020.D
 Acq On : 08 Jun 2022 15:01
 Operator : SY/MD
 Sample : N3256-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ8

Quant Time: Jun 09 05:22:09 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)

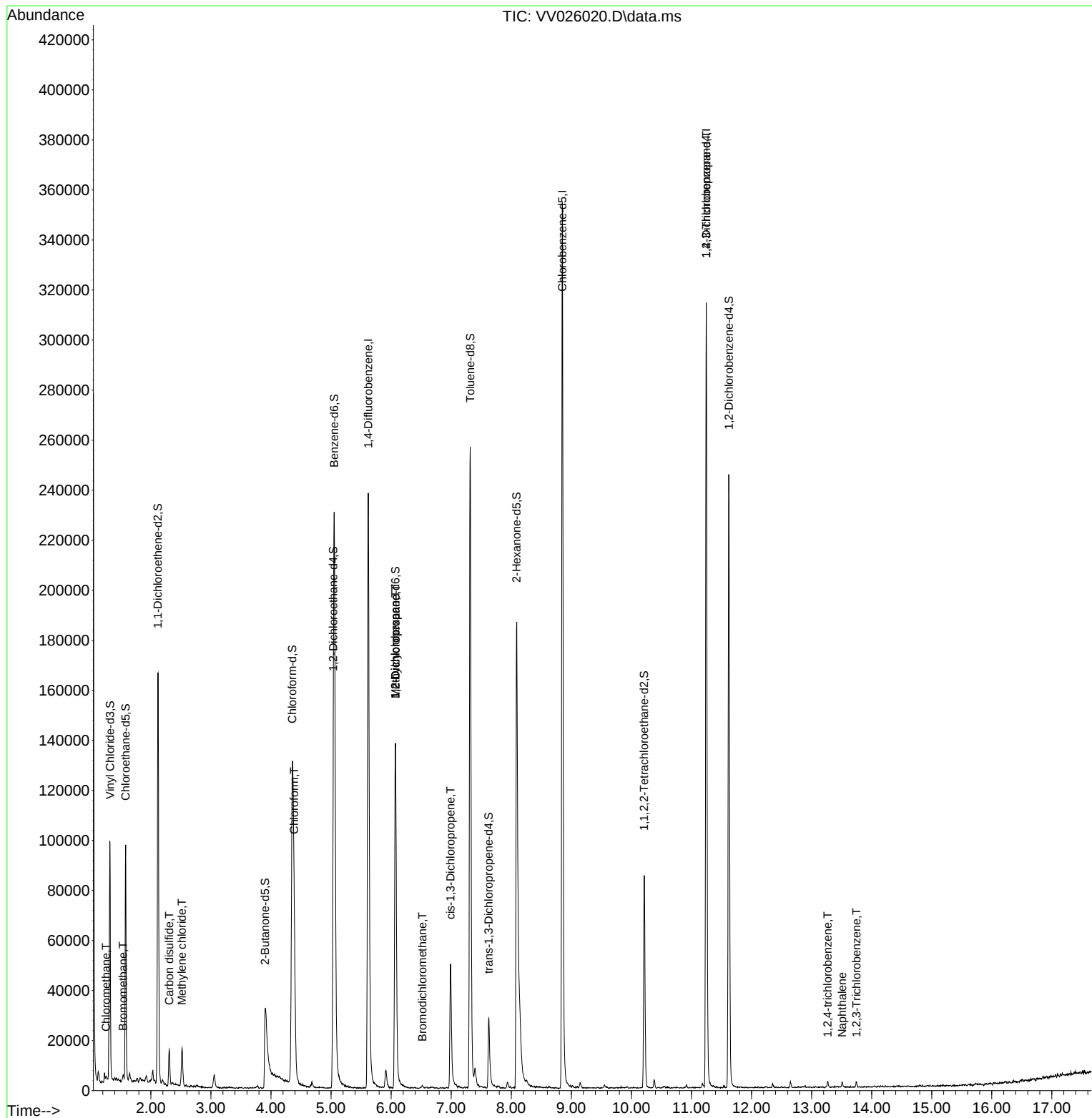
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	209883	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	197451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83087	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	55483	4.503	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.580	69	58854	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.117	63	87076	3.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.902	46	70220	38.535	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.080%
24) Chloroform-d	4.355	84	119763	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.037	65	48537	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.053	84	220179	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.072	67	72525	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	177267	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.625	79	18282	4.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.088	63	78597	41.097	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42709	4.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	63477	4.994	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
3) Chloromethane	1.252	50	1189	0.051	ug/L	84
6) Bromomethane	1.535	94	1475	0.105	ug/L	96
14) Carbon disulfide	2.304	76	16828	0.349	ug/L	99
16) Methylene chloride	2.516	84	6026	0.358	ug/L	97
25) Chloroform	4.384	83	62009	2.086	ug/L	100
35) Methylcyclohexane	6.072	83	16848	0.674	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	7648	0.509	ug/L #	86
38) Bromodichloromethane	6.522	83	1044	0.057	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1589	0.086	ug/L	90
61) 1,2,3-Trichloropropane	11.246	75	10233	1.578	ug/L #	67
70) 1,2,4-trichlorobenzene	13.268	180	860	0.061	ug/L	95
71) Naphthalene	13.509	128	2048	0.102	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	820	0.068	ug/L #	85

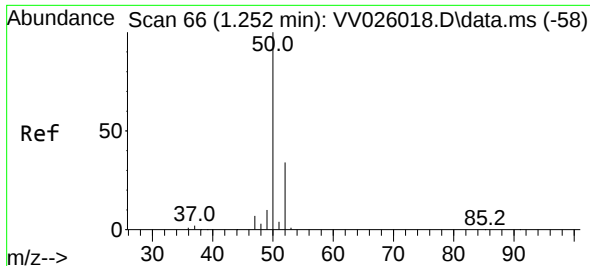
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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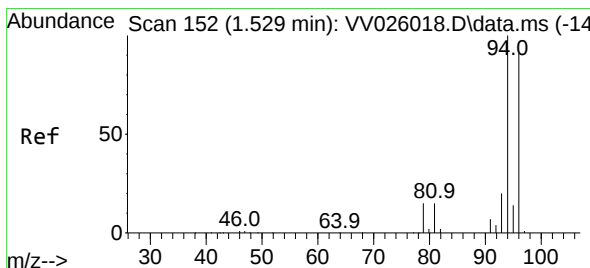
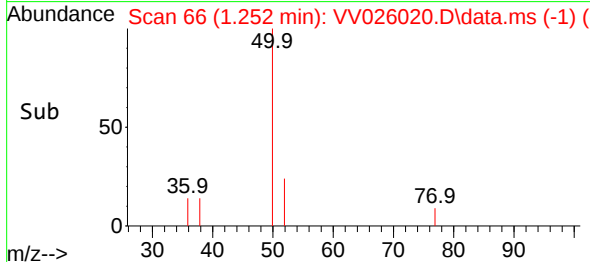
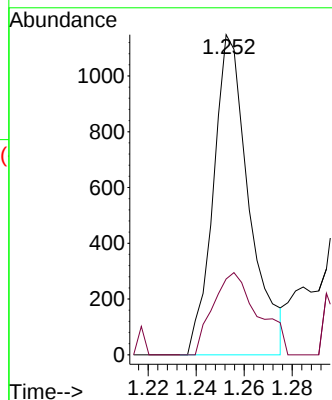
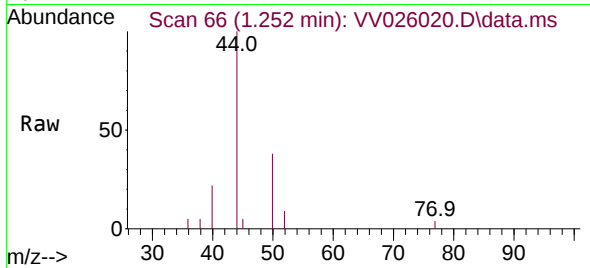




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.252 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV026020.D
Acq: 08 Jun 2022 15:01

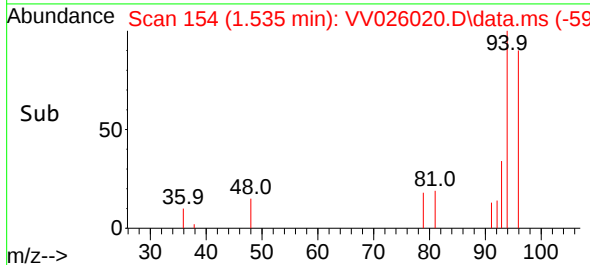
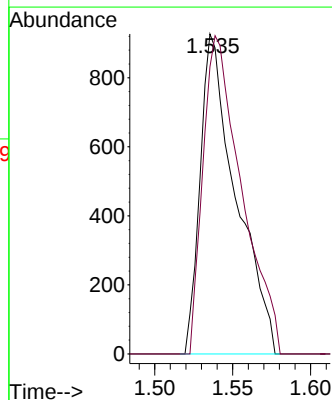
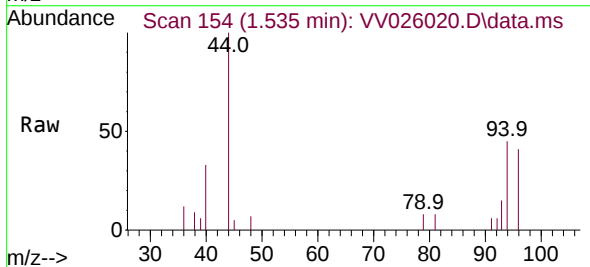
Instrument :
MSVOA_V
ClientSampleId :
C0AJ8

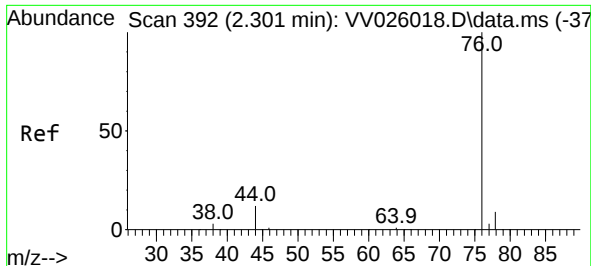
Tgt Ion: 50 Resp: 1189
Ion Ratio Lower Upper
50 100
52 23.7 23.0 42.6



#6
Bromomethane
Concen: 0.105 ug/L
RT: 1.535 min Scan# 154
Delta R.T. 0.007 min
Lab File: VV026020.D
Acq: 08 Jun 2022 15:01

Tgt Ion: 94 Resp: 1475
Ion Ratio Lower Upper
94 100
96 89.8 65.5 121.6

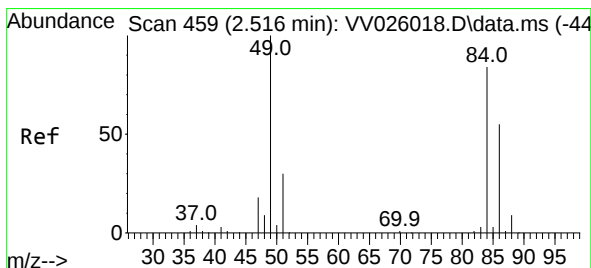
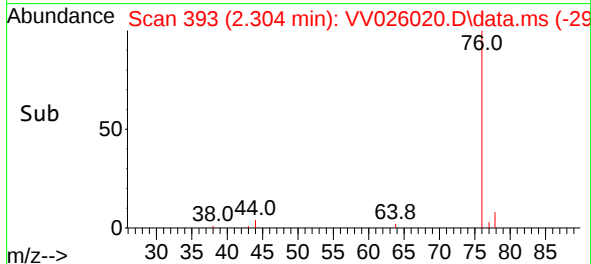
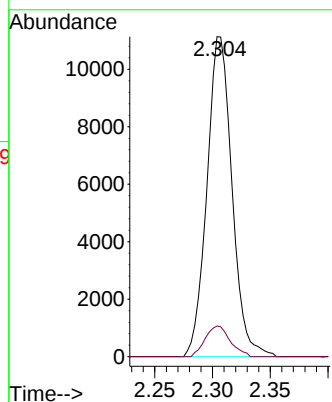
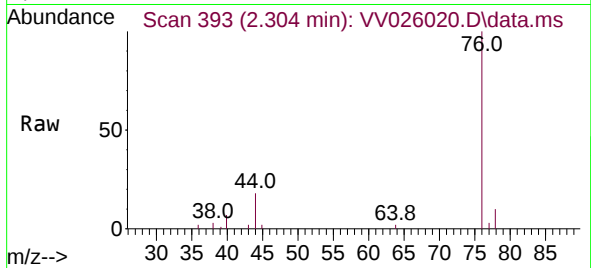




#14
Carbon disulfide
Concen: 0.349 ug/L
RT: 2.304 min Scan# 392
Delta R.T. 0.003 min
Lab File: VV026020.D
Acq: 08 Jun 2022 15:01

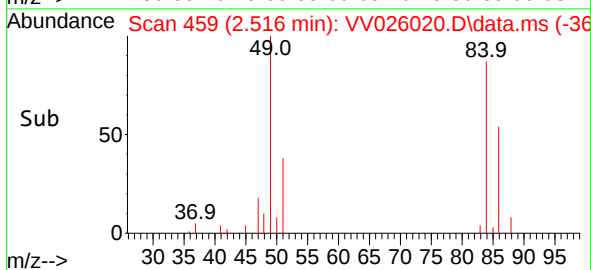
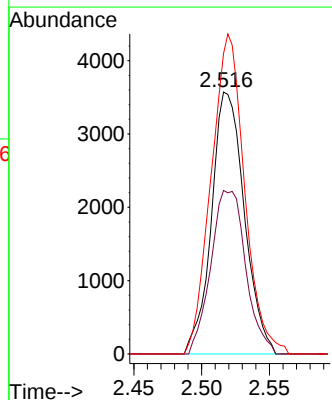
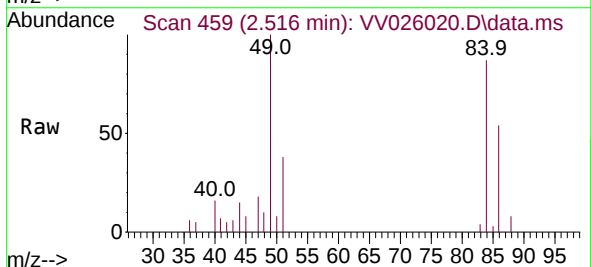
Instrument :
MSVOA_V
ClientSampleId :
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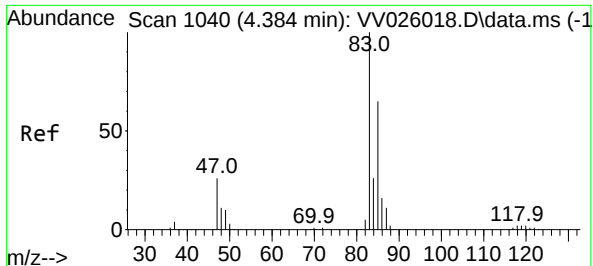
Tgt Ion: 76 Resp: 16828
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#16
Methylene chloride
Concen: 0.358 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.000 min
Lab File: VV026020.D
Acq: 08 Jun 2022 15:01

Tgt Ion: 84 Resp: 6026
Ion Ratio Lower Upper
84 100
86 62.4 45.6 84.6
49 114.7 82.9 153.9





#25

Chloroform

Concen: 2.086 ug/L

RT: 4.384 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026020.D

Acq: 08 Jun 2022 15:01

Instrument :

MSVOA_V

ClientSampleId :

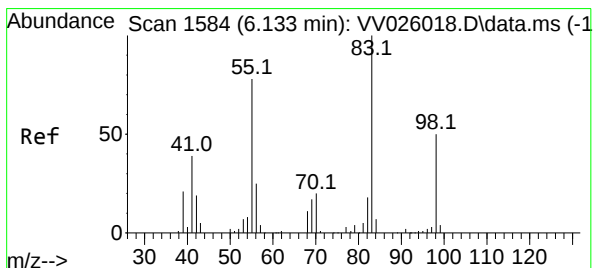
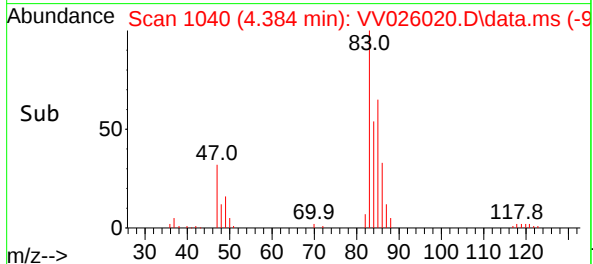
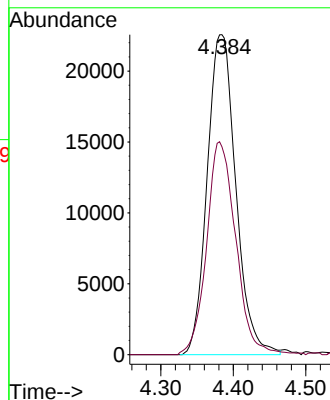
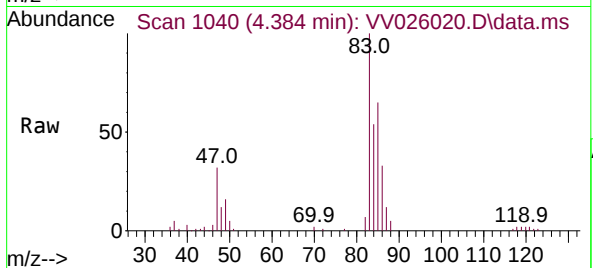
C0AJ8

Tgt Ion: 83 Resp: 62009

Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0



#35

Methylcyclohexane

Concen: 0.674 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV026020.D

Acq: 08 Jun 2022 15:01

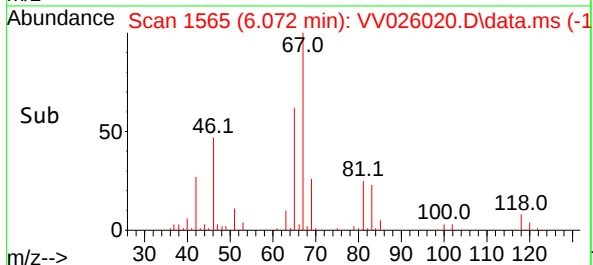
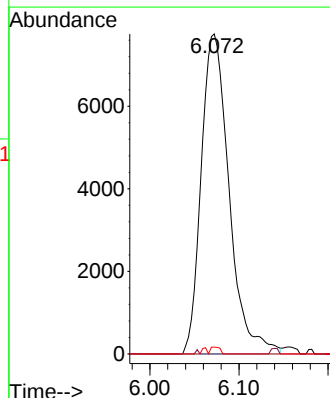
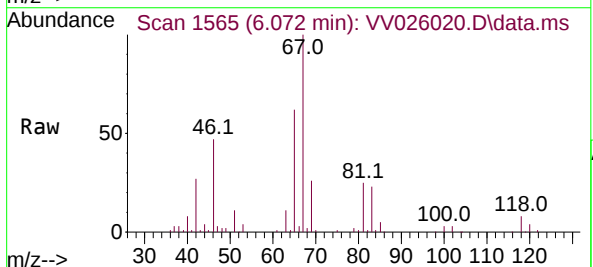
Tgt Ion: 83 Resp: 16848

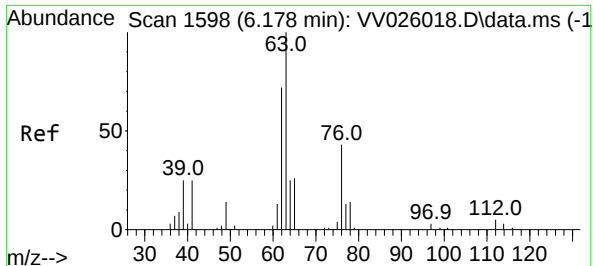
Ion Ratio Lower Upper

83 100

55 0.4 59.4 89.0#

98 0.7 38.9 58.3#

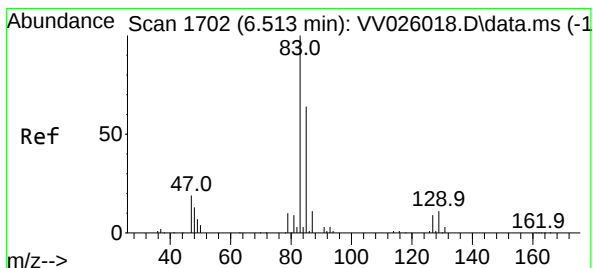
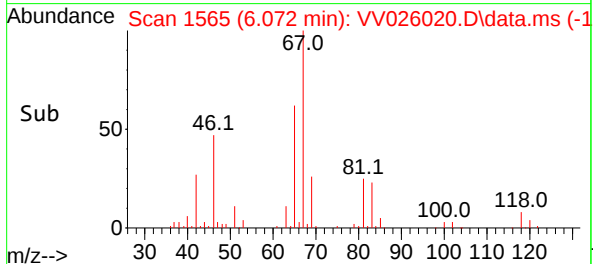
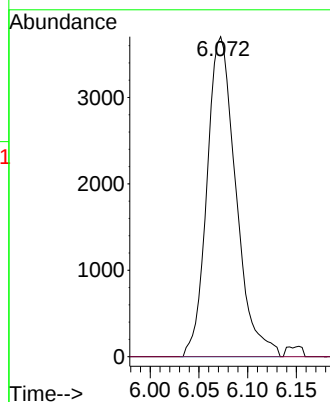
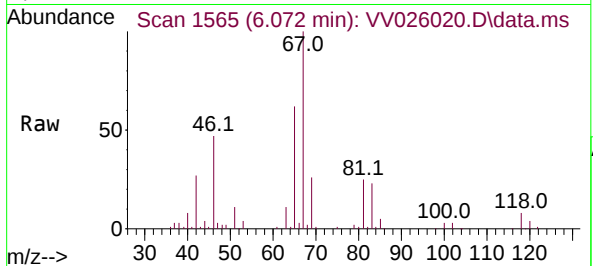




#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV026020.D
Acq: 08 Jun 2022 15:01

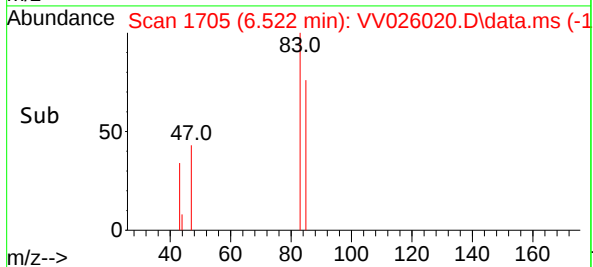
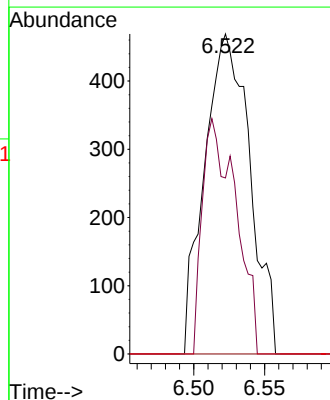
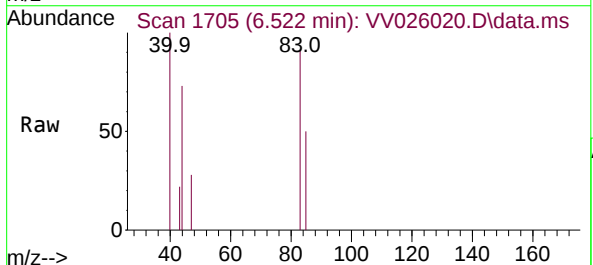
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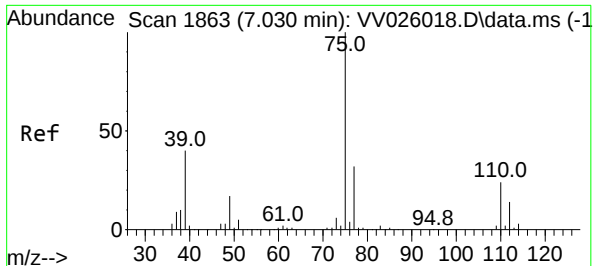
Tgt Ion: 63 Resp: 7648
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#38
Bromodichloromethane
Concen: 0.057 ug/L
RT: 6.522 min Scan# 1705
Delta R.T. 0.010 min
Lab File: VV026020.D
Acq: 08 Jun 2022 15:01

Tgt Ion: 83 Resp: 1044
Ion Ratio Lower Upper
83 100
85 55.0 44.8 83.2
127 0.0 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV026020.D

Acq: 08 Jun 2022 15:01

Instrument :

MSVOA_V

ClientSampleId :

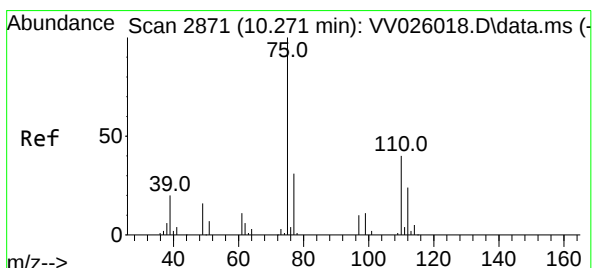
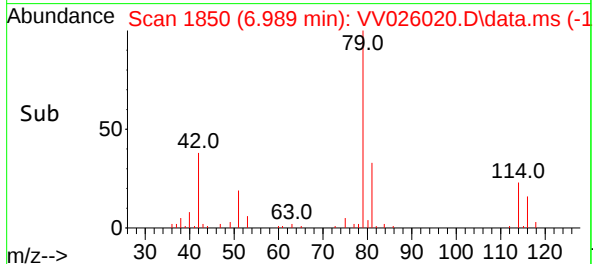
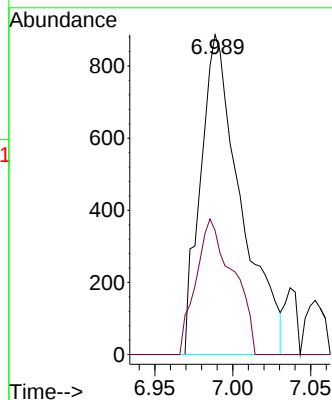
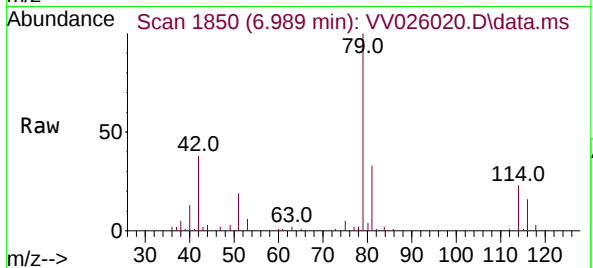
C0AJ8

Tgt Ion: 75 Resp: 1589

Ion Ratio Lower Upper

75 100

77 38.8 23.2 43.0



#61

1,2,3-Trichloropropane

Concen: 1.578 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026020.D

Acq: 08 Jun 2022 15:01

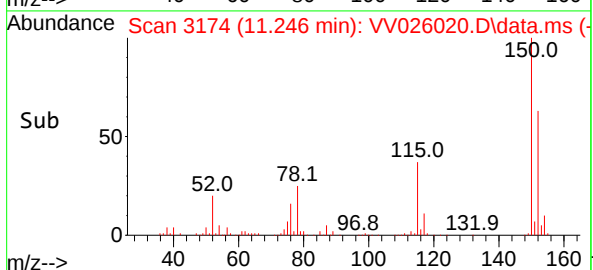
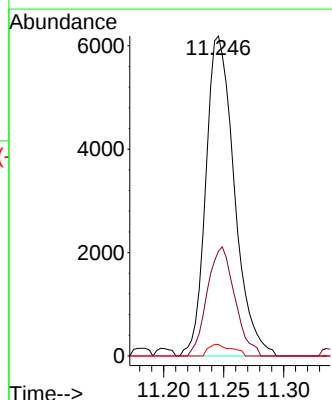
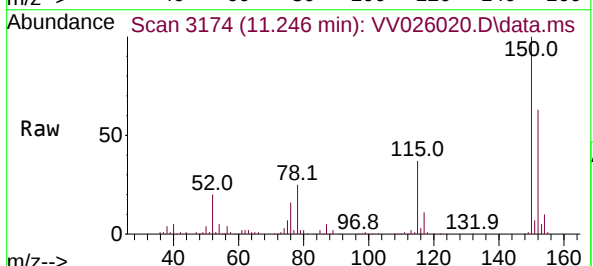
Tgt Ion: 75 Resp: 10233

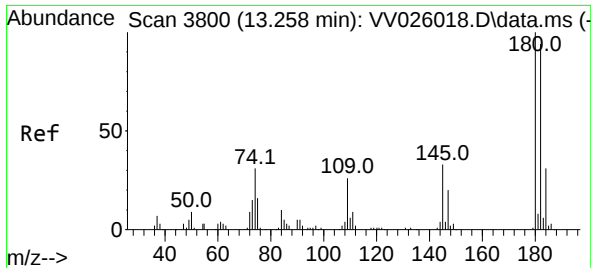
Ion Ratio Lower Upper

75 100

77 33.0 26.6 40.0

110 3.0 32.0 48.0#

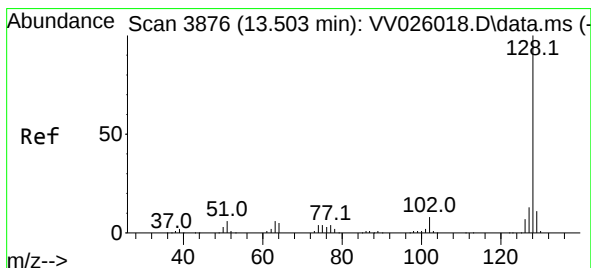
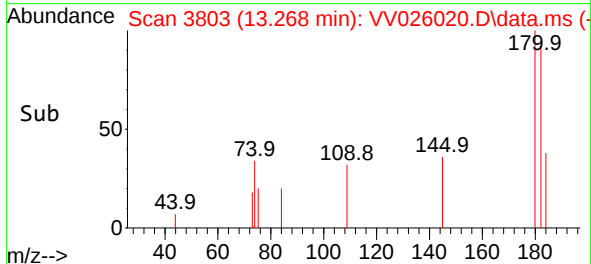
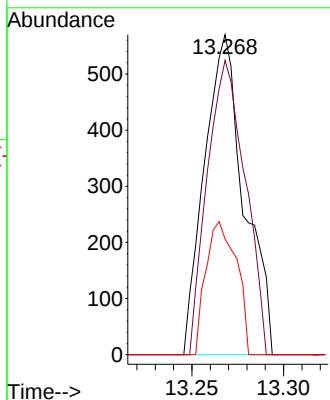
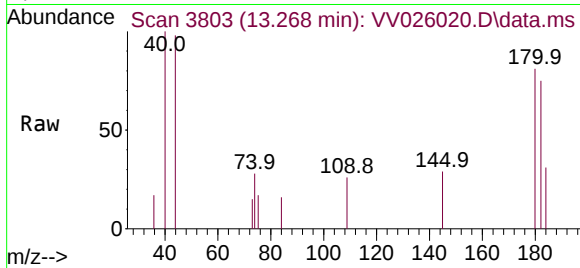




#70
1,2,4-trichlorobenzene
Concen: 0.061 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.010 min
Lab File: VV026020.D
Acq: 08 Jun 2022 15:01

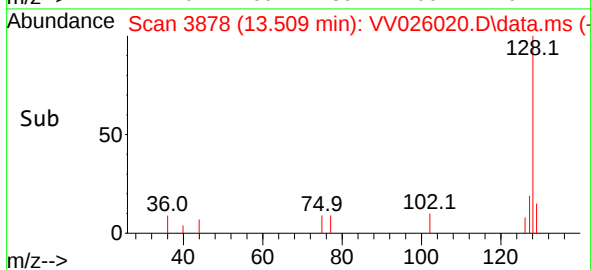
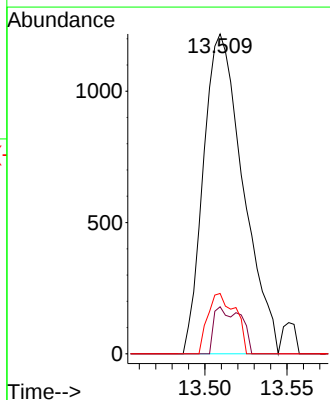
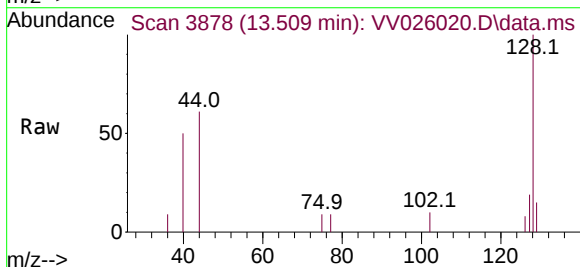
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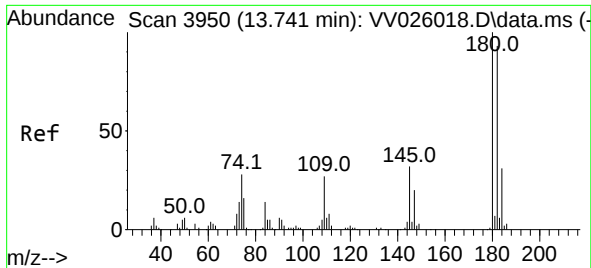
Tgt Ion:180 Resp: 860
Ion Ratio Lower Upper
180 100
182 87.6 74.2 111.4
145 32.0 24.1 36.1



#71
Naphthalene
Concen: 0.102 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV026020.D
Acq: 08 Jun 2022 15:01

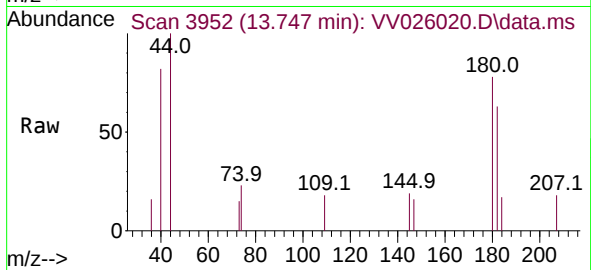
Tgt Ion:128 Resp: 2048
Ion Ratio Lower Upper
128 100
129 9.8 8.7 13.1
127 13.0 10.3 15.5





#72
 1,2,3-Trichlorobenzene
 Concen: 0.068 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.007 min
 Lab File: VV026020.D
 Acq: 08 Jun 2022 15:01

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ8



Tgt Ion:180 Resp: 820
 Ion Ratio Lower Upper
 180 100
 182 104.1 74.0 111.0
 145 18.0 25.5 38.3#

