

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
 Data File : VV026692.D
 Acq On : 08 Jul 2022 13:07
 Operator : SY/MD
 Sample : N3598-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP1

Quant Time: Jul 08 23:55:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

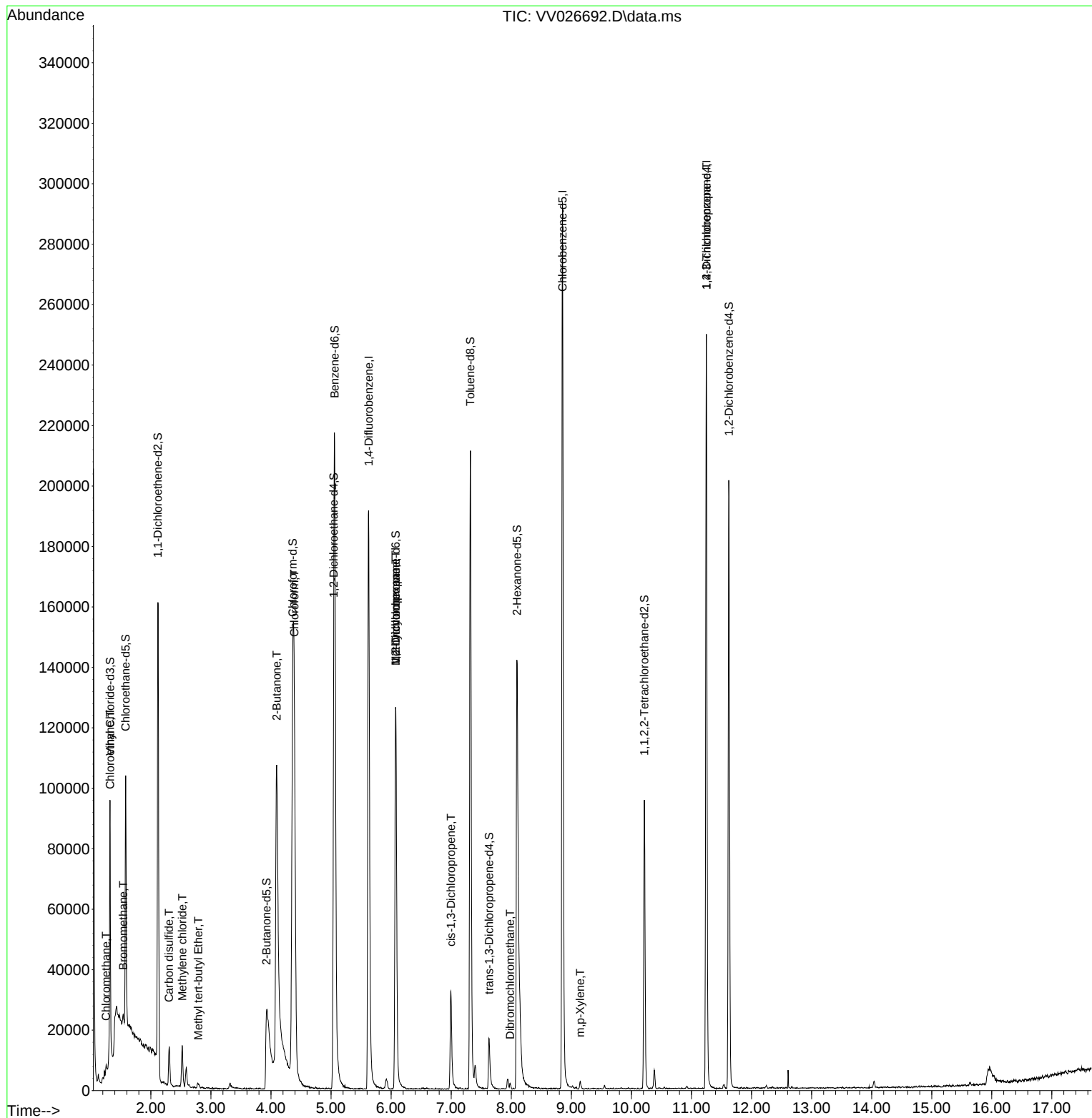
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	178111	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	178299	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	58159	4.060	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.580	69	53138	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.117	63	81417	3.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.928	46	61018	42.847	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.700%
24) Chloroform-d	4.362	84	123584	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.043	65	47912	5.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.059	84	207433	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.075	67	66147	4.697	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.320	98	150521	3.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.400%#
43) trans-1,3-Dichloroprop...	7.632	79	11995	3.295	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.095	63	58726	42.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47683	5.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	56108	4.964	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1648	0.111	ug/L	95
6) Bromomethane	1.539	94	1273	0.149	ug/L	80
8) Chloroethane	1.323	64	2021	0.188	ug/L	87
14) Carbon disulfide	2.304	76	15809	0.498	ug/L	100
16) Methylene chloride	2.523	84	6151	0.482	ug/L	89
17) Methyl tert-butyl Ether	2.789	73	1321	0.067	ug/L	97
21) 2-Butanone	4.095	43	180932	133.126	ug/L #	48
25) Chloroform	4.387	83	106770	4.529	ug/L	94
35) Methylcyclohexane	6.079	83	16503	0.815	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	6796	0.542	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	935	0.074	ug/L	86
49) Dibromochloromethane	7.982	129	438	0.055	ug/L #	11
53) m,p-Xylene	9.146	106	840	0.039	ug/L	85
61) 1,2,3-Trichloropropane	11.249	75	6837	1.546	ug/L #	65

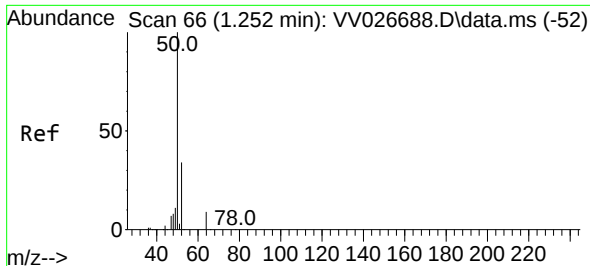
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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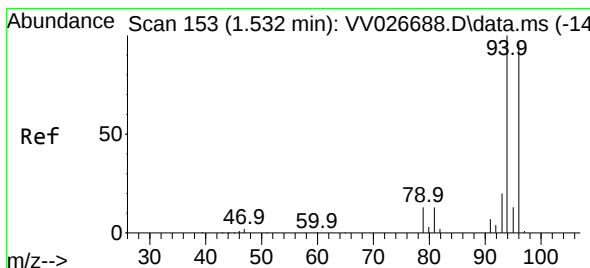
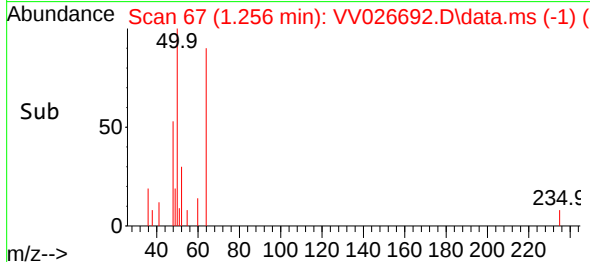
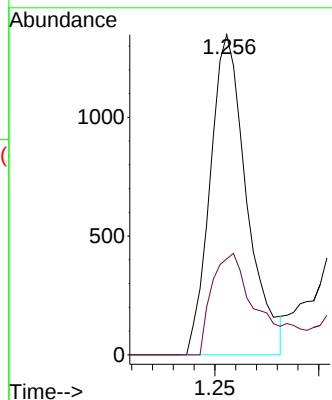
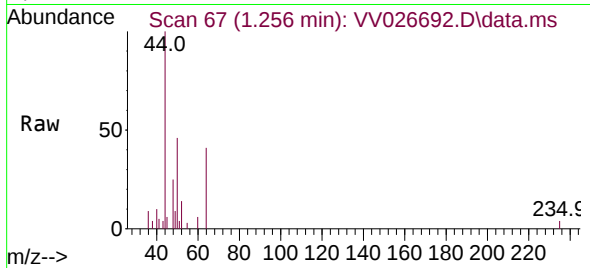




#3
Chloromethane
Concen: 0.111 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026692.D
Acq: 08 Jul 2022 13:07

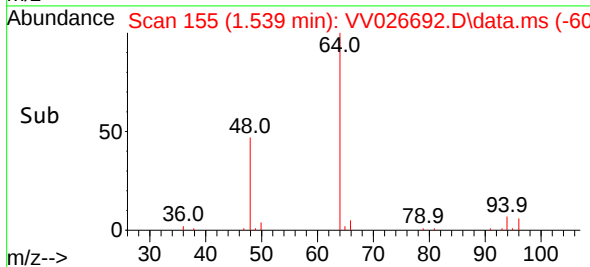
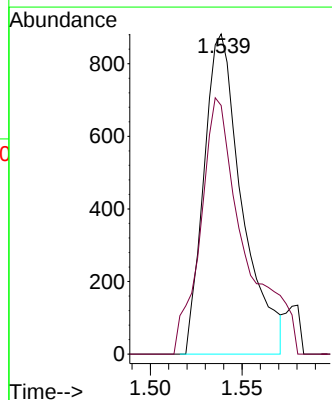
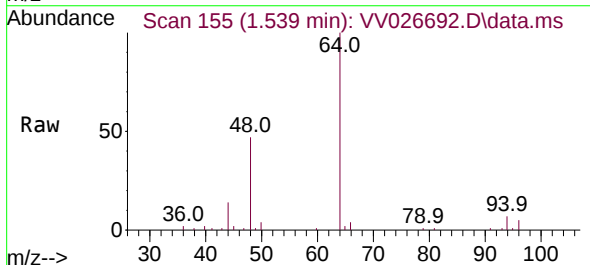
Instrument :
MSVOA_V
ClientSampleId :
C0AP1

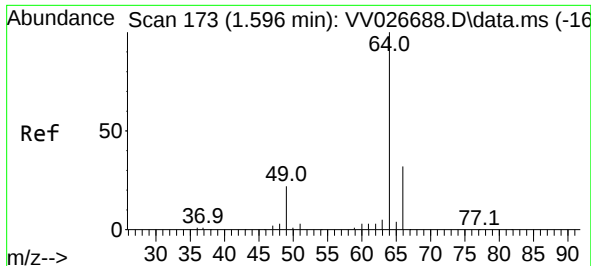
Tgt Ion: 50 Resp: 1648
Ion Ratio Lower Upper
50 100
52 30.0 23.0 42.6



#6
Bromomethane
Concen: 0.149 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.006 min
Lab File: VV026692.D
Acq: 08 Jul 2022 13:07

Tgt Ion: 94 Resp: 1273
Ion Ratio Lower Upper
94 100
96 77.7 68.0 126.2

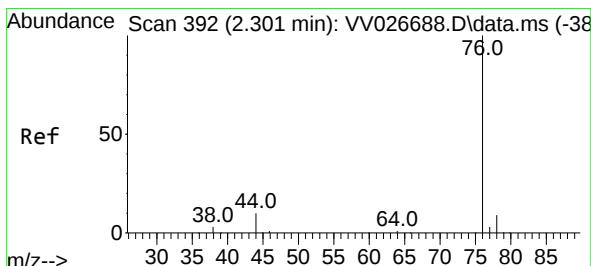
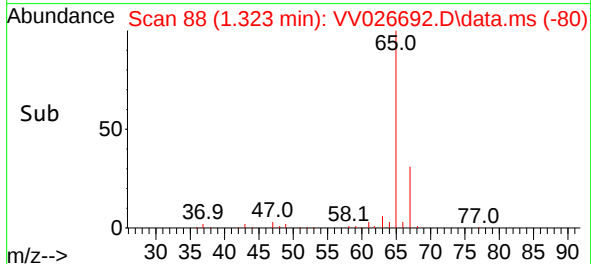
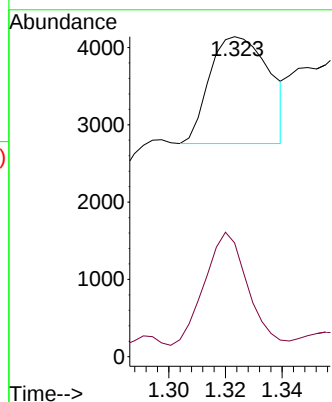
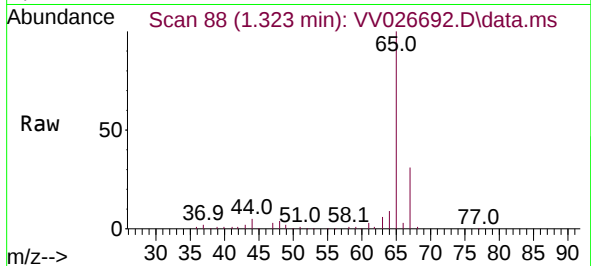




#8
Chloroethane
Concen: 0.188 ug/L
RT: 1.323 min Scan# 81
Delta R.T. -0.273 min
Lab File: VV026692.D
Acq: 08 Jul 2022 13:07

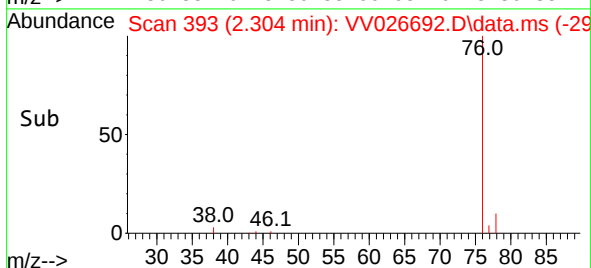
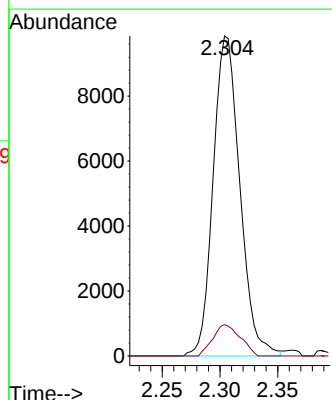
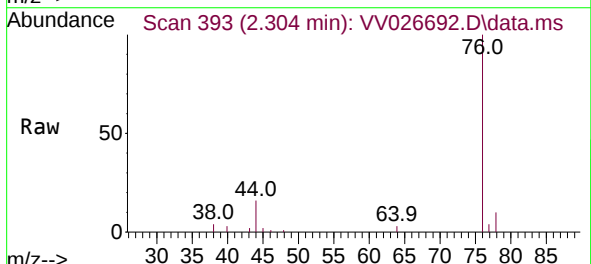
Instrument :
MSVOA_V
ClientSampleId :
C0AP1

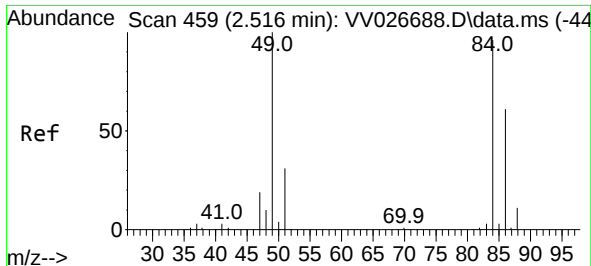
Tgt Ion: 64 Resp: 2021
Ion Ratio Lower Upper
64 100
66 35.5 20.0 37.2



#14
Carbon disulfide
Concen: 0.498 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026692.D
Acq: 08 Jul 2022 13:07

Tgt Ion: 76 Resp: 15809
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.6

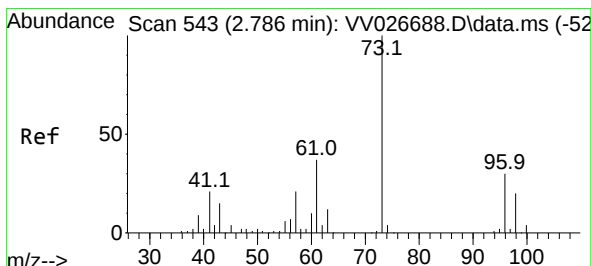
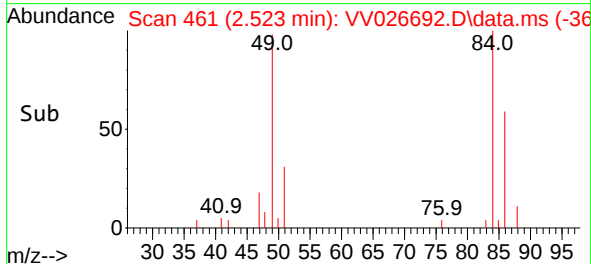
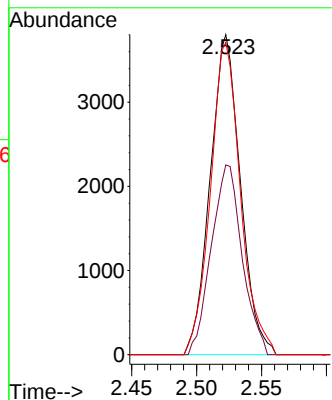
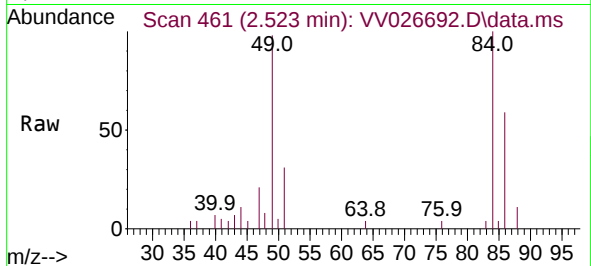




#16
Methylene chloride
Concen: 0.482 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV026692.D
Acq: 08 Jul 2022 13:07

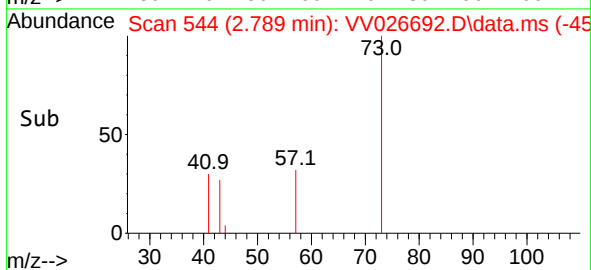
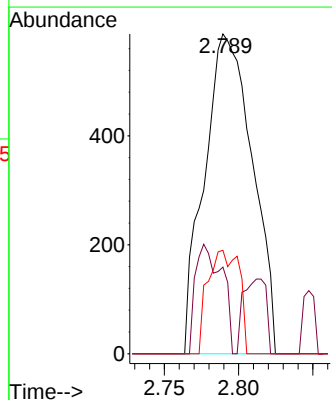
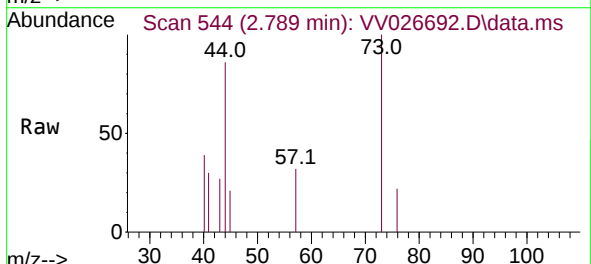
Instrument :
MSVOA_V
ClientSampleId :
C0AP1

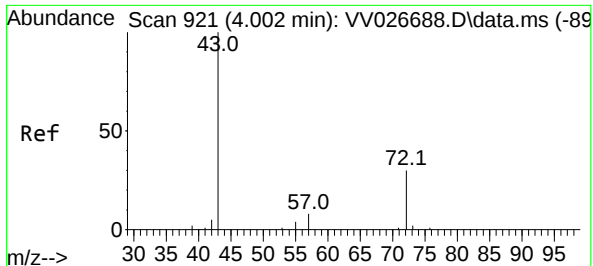
Tgt Ion: 84 Resp: 6151
Ion Ratio Lower Upper
84 100
86 59.3 46.0 85.4
49 97.6 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.067 ug/L
RT: 2.789 min Scan# 544
Delta R.T. 0.003 min
Lab File: VV026692.D
Acq: 08 Jul 2022 13:07

Tgt Ion: 73 Resp: 1321
Ion Ratio Lower Upper
73 100
43 18.8 13.3 19.9
57 21.0 17.2 25.8

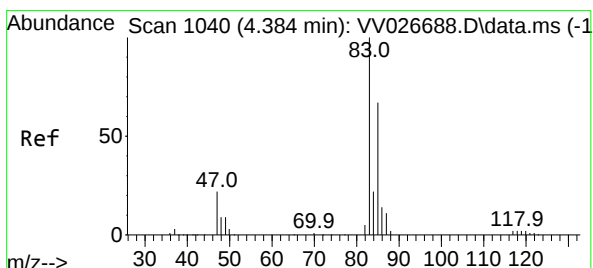
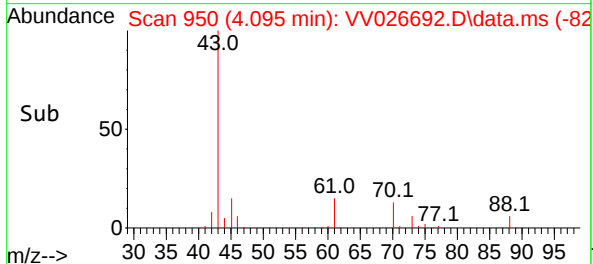
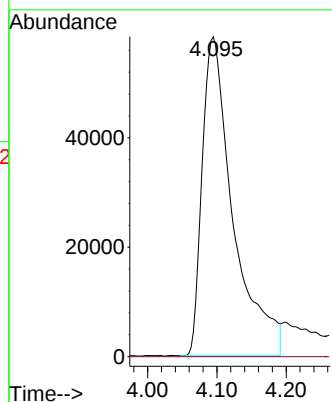
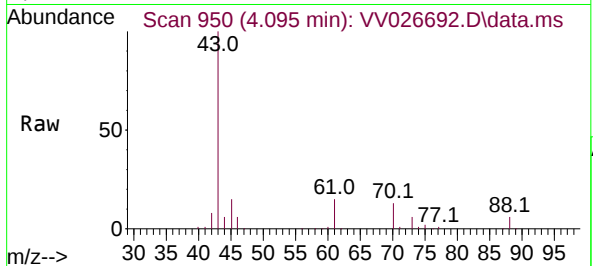




#21
2-Butanone
Concen: 133.126 ug/L
RT: 4.095 min Scan# 91
Delta R.T. 0.093 min
Lab File: VV026692.D
Acq: 08 Jul 2022 13:07

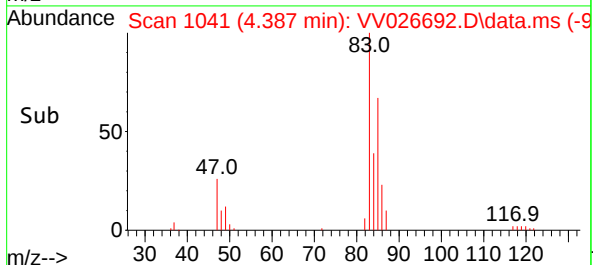
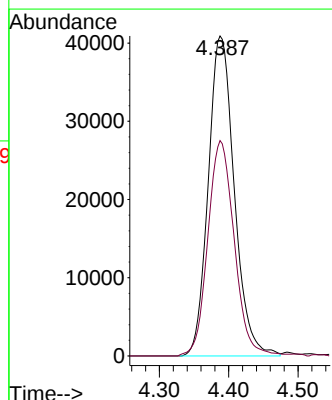
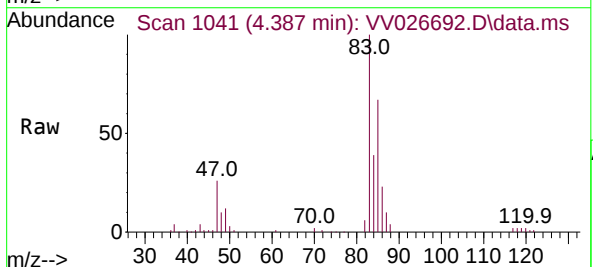
Instrument :
MSVOA_V
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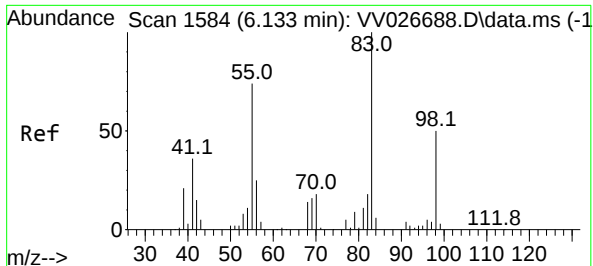
Tgt Ion: 43 Resp: 180932
Ion Ratio Lower Upper
43 100
72 0.0 13.5 40.5#



#25
Chloroform
Concen: 4.529 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.003 min
Lab File: VV026692.D
Acq: 08 Jul 2022 13:07

Tgt Ion: 83 Resp: 106770
Ion Ratio Lower Upper
83 100
85 67.3 44.0 81.8





#35

Methylcyclohexane

Concen: 0.815 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.055 min

Lab File: VV026692.D

Acq: 08 Jul 2022 13:07

Instrument :

MSVOA_V

ClientSampleId :

C0AP1

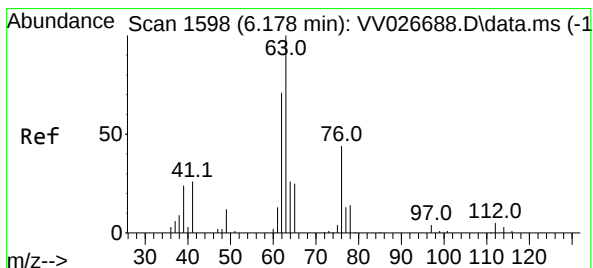
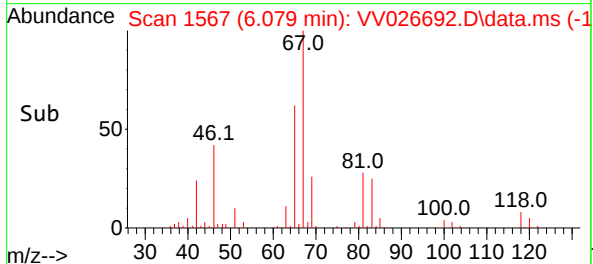
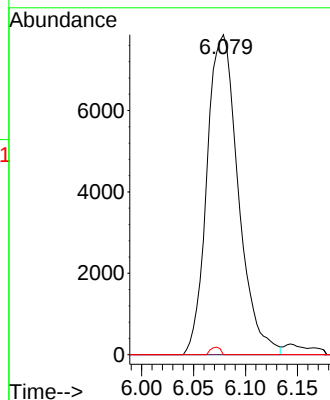
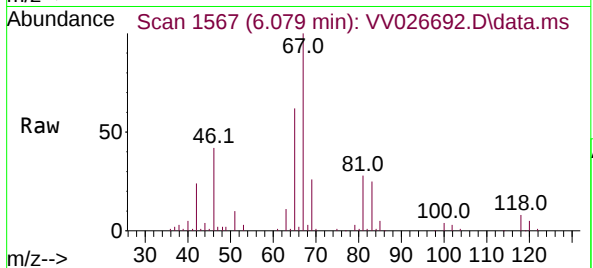
Tgt Ion: 83 Resp: 16503

Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.7 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.542 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.100 min

Lab File: VV026692.D

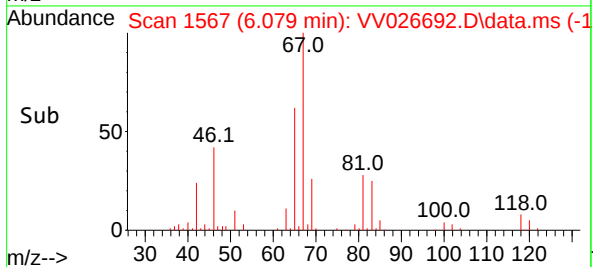
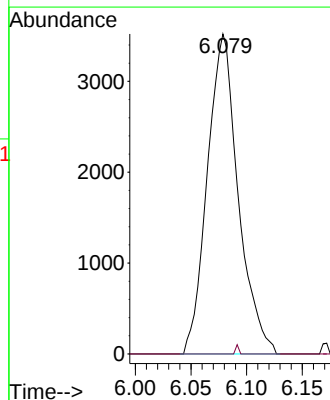
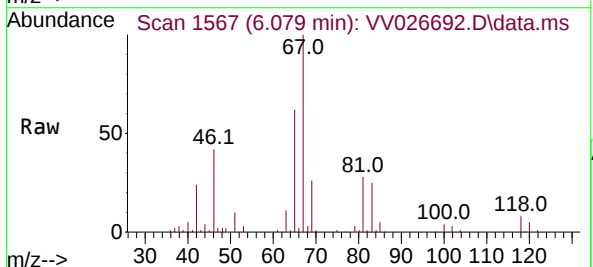
Acq: 08 Jul 2022 13:07

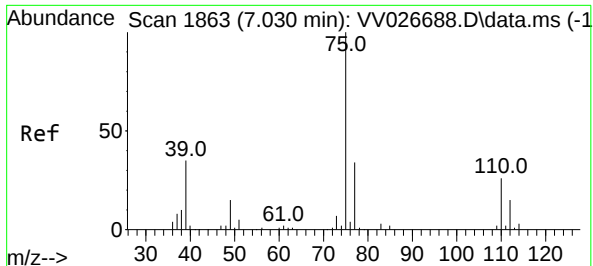
Tgt Ion: 63 Resp: 6796

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026692.D

Acq: 08 Jul 2022 13:07

Instrument :

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ClientSampleId :

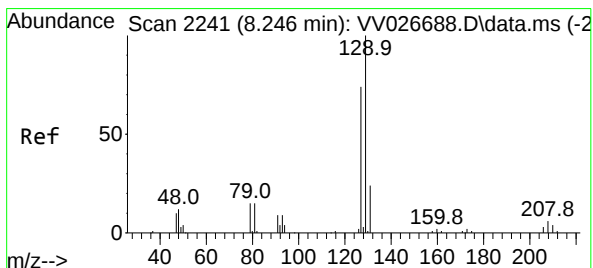
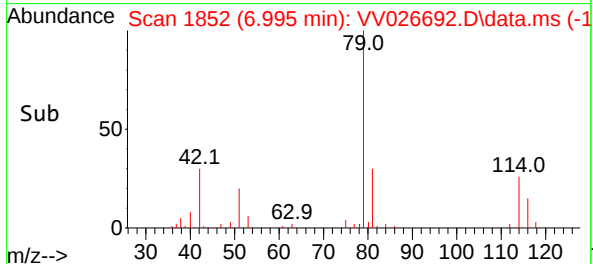
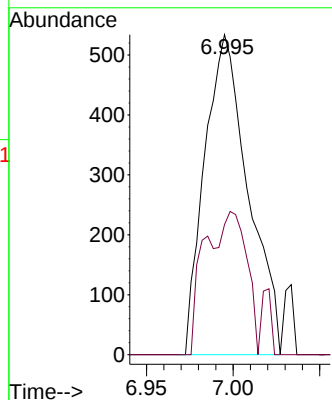
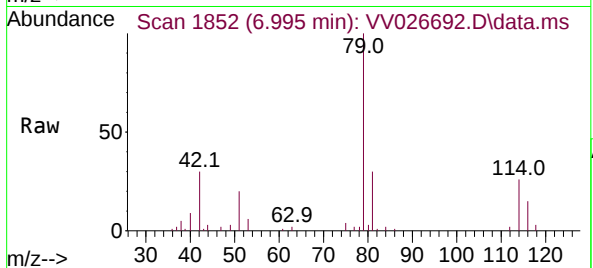
C0AP1

Tgt Ion: 75 Resp: 935

Ion Ratio Lower Upper

75 100

77 40.6 22.8 42.4



#49

Dibromochloromethane

Concen: 0.055 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV026692.D

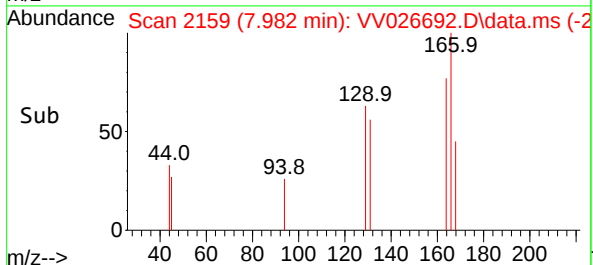
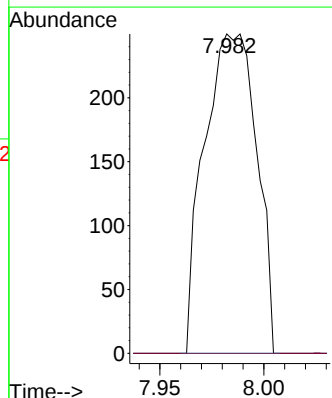
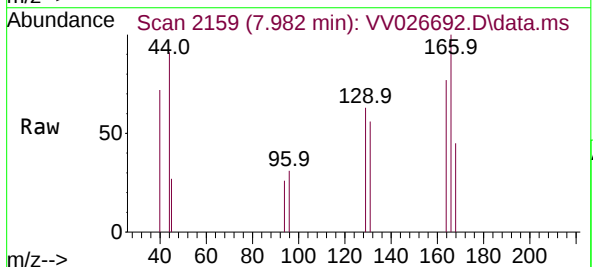
Acq: 08 Jul 2022 13:07

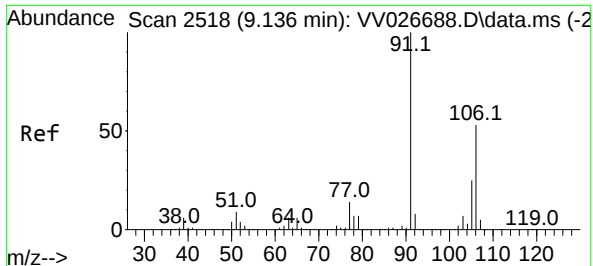
Tgt Ion: 129 Resp: 438

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#

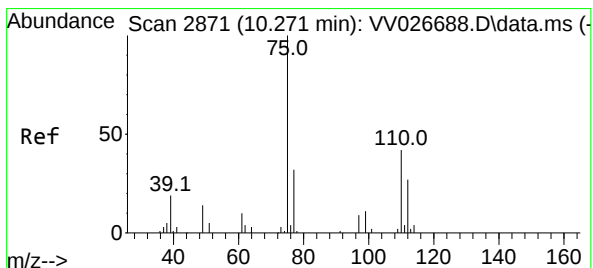
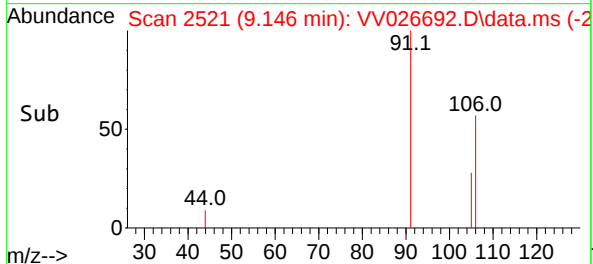
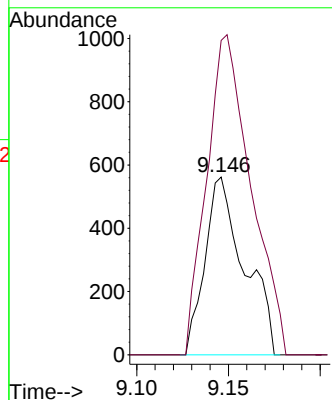
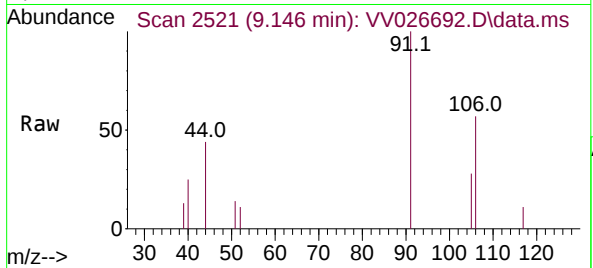




#53
m,p-Xylene
Concen: 0.039 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV026692.D
Acq: 08 Jul 2022 13:07

Instrument :
MSVOA_V
ClientSampleId :
C0AP1

Tgt Ion:106 Resp: 840
Ion Ratio Lower Upper
106 100
91 176.9 139.9 259.9



#61
1,2,3-Trichloropropane
Concen: 1.546 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026692.D
Acq: 08 Jul 2022 13:07

Tgt Ion: 75 Resp: 6837
Ion Ratio Lower Upper
75 100
77 35.2 25.8 38.6
110 3.7 32.5 48.7#

