

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
 Data File : VV026694.D
 Acq On : 08 Jul 2022 13:57
 Operator : SY/MD
 Sample : N3598-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAP0

Quant Time: Jul 08 23:55:54 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)

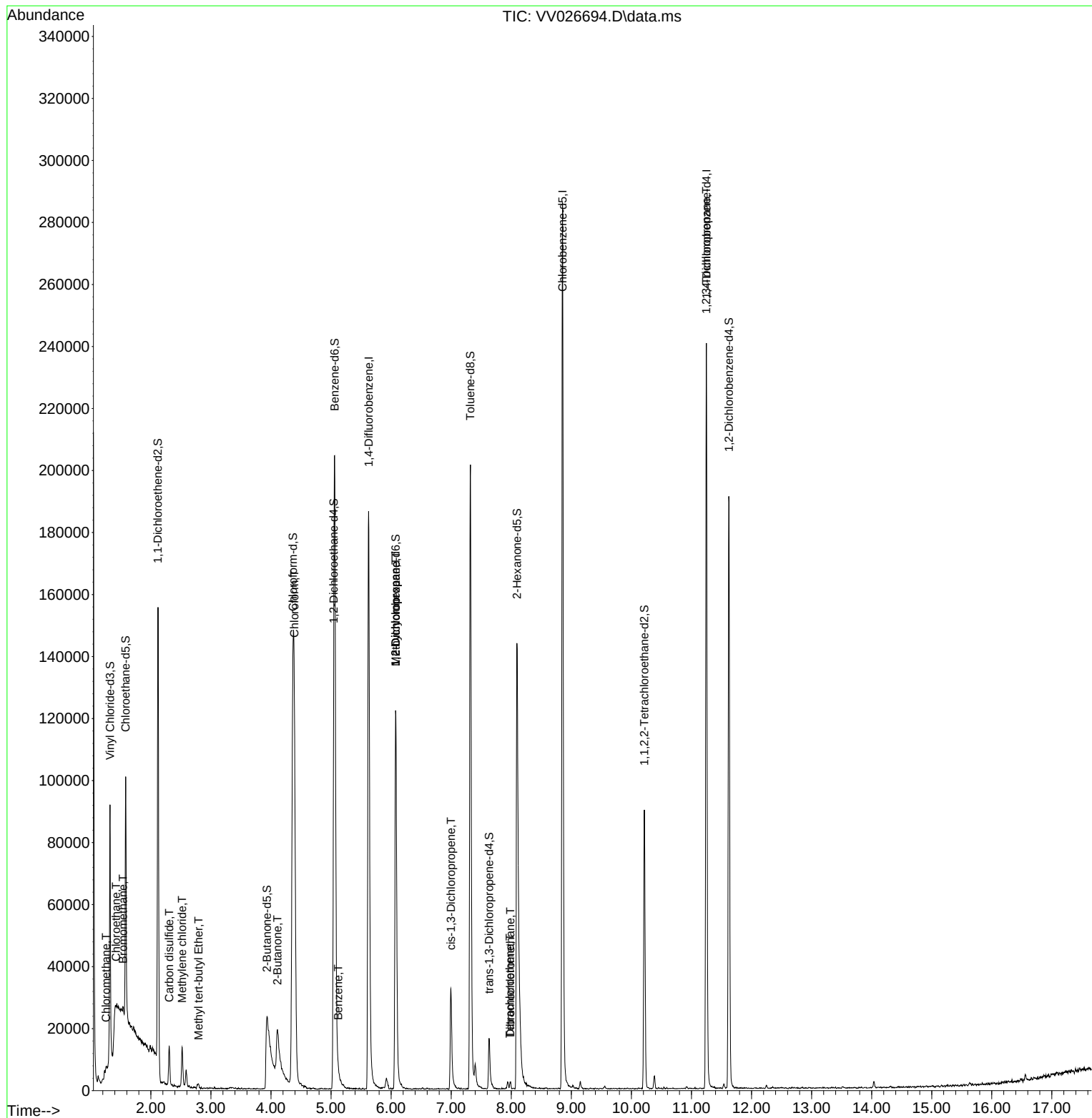
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	171311	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	170408	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65750	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	53706	3.898	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.581	69	51430	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.117	63	78192	3.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.934	46	59775	43.640	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.280%
24) Chloroform-d	4.365	84	120396	5.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.043	65	45437	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.059	84	199468	4.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.075	67	63137	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.320	98	146547	3.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	7.632	79	10943	3.145	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.000%
46) 2-Hexanone-d5	8.095	63	58629	44.242	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46287	5.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	53852	4.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	1616	0.113	ug/L	88
6) Bromomethane	1.535	94	1096	0.133	ug/L	99
8) Chloroethane	1.420	64	31839	3.082	ug/L #	55
14) Carbon disulfide	2.307	76	14867	0.487	ug/L	98
16) Methylene chloride	2.519	84	5785	0.471	ug/L	85
17) Methyl tert-butyl Ether	2.796	73	1318	0.070	ug/L #	79
21) 2-Butanone	4.108	43	26617	20.362	ug/L #	48
25) Chloroform	4.387	83	105234	4.641	ug/L	97
33) Benzene	5.121	78	2655	0.053	ug/L	100
35) Methylcyclohexane	6.075	83	16115	0.833	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	6936	0.578	ug/L #	84
39) cis-1,3-Dichloropropene	6.998	75	837	0.069	ug/L	84
47) Tetrachloroethene	7.979	164	560	0.054	ug/L #	51
49) Dibromochloromethane	7.985	129	547	0.071	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7254	1.704	ug/L #	65

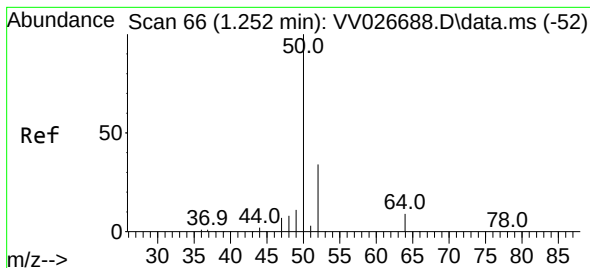
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 08 23:50:05 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.113 ug/L

RT: 1.253 min Scan# 60

Delta R.T. 0.000 min

Lab File: VV026694.D

Acq: 08 Jul 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

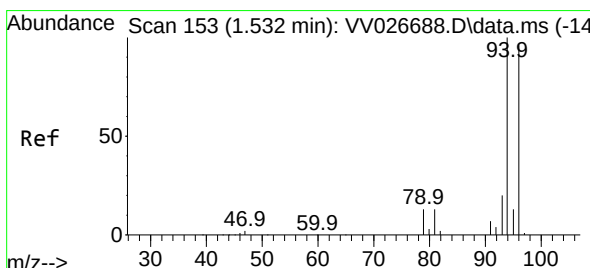
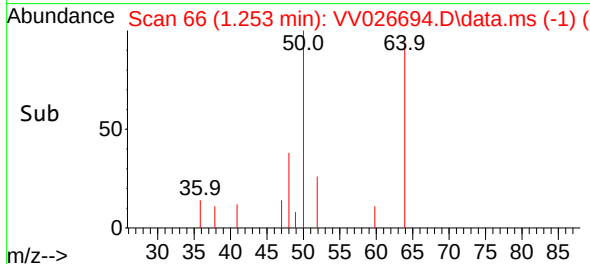
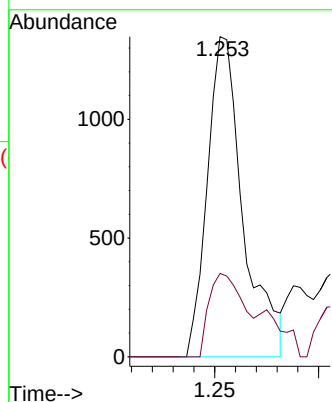
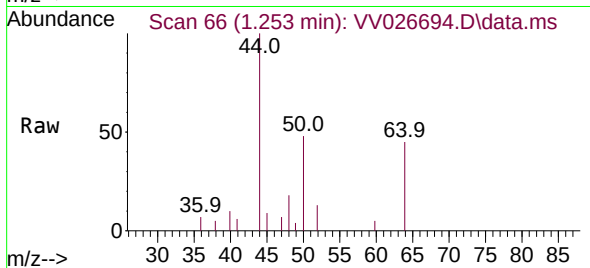
COAP0

Tgt Ion: 50 Resp: 1616

Ion Ratio Lower Upper

50 100

52 26.0 23.0 42.6



#6

Bromomethane

Concen: 0.133 ug/L

RT: 1.535 min Scan# 154

Delta R.T. 0.003 min

Lab File: VV026694.D

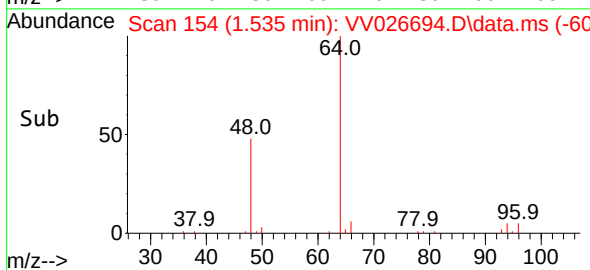
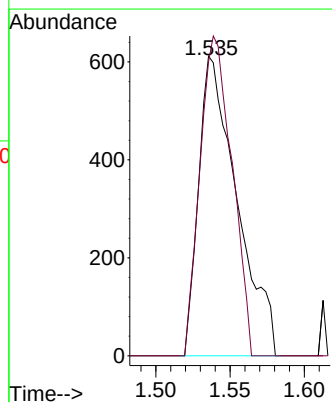
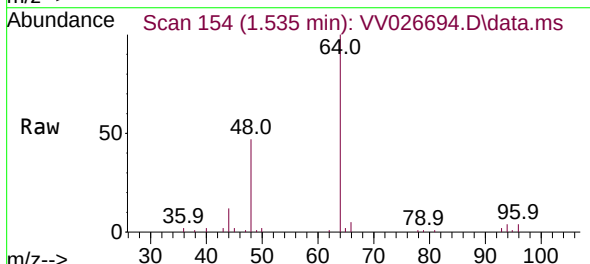
Acq: 08 Jul 2022 13:57

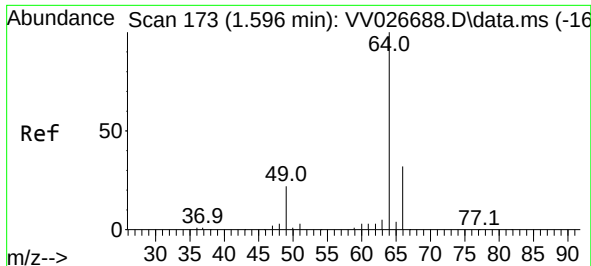
Tgt Ion: 94 Resp: 1096

Ion Ratio Lower Upper

94 100

96 98.0 68.0 126.2

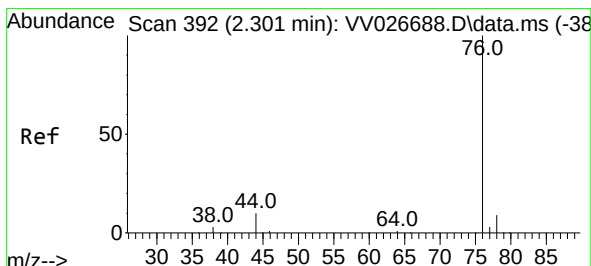
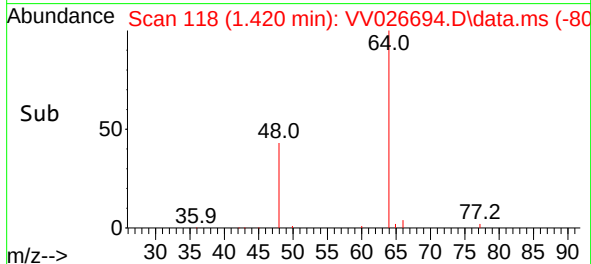
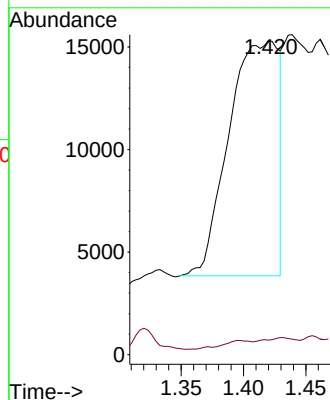
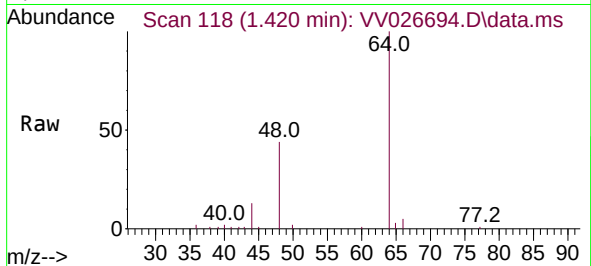




#8
Chloroethane
Concen: 3.082 ug/L
RT: 1.420 min Scan# 118
Delta R.T. -0.177 min
Lab File: VV026694.D
Acq: 08 Jul 2022 13:57

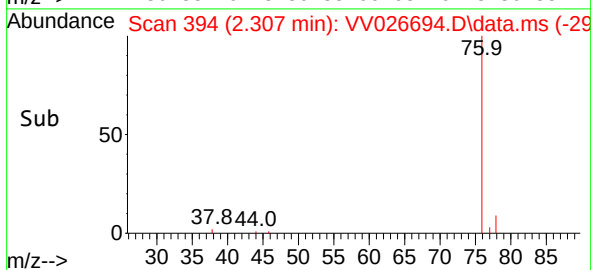
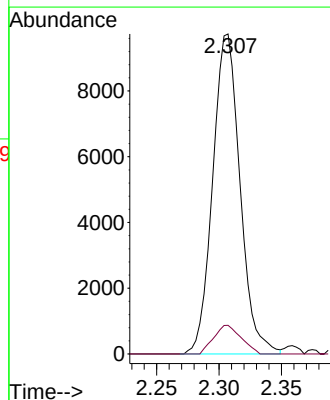
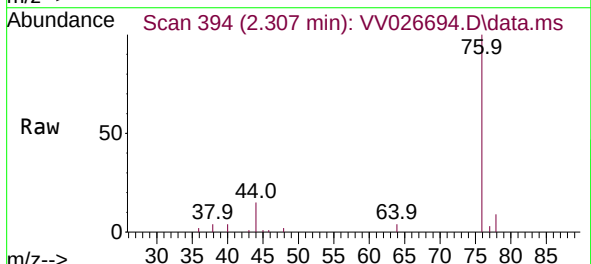
Instrument :
MSVOA_V
ClientSampleId :
C0AP0

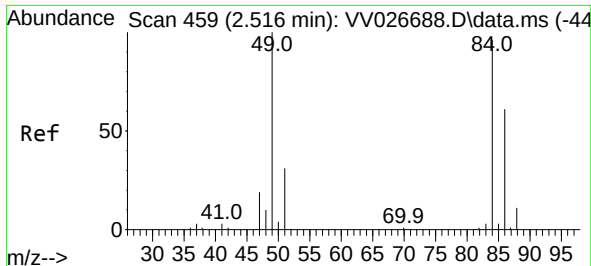
Tgt Ion: 64 Resp: 31839
Ion Ratio Lower Upper
64 100
66 4.6 20.0 37.2#



#14
Carbon disulfide
Concen: 0.487 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.007 min
Lab File: VV026694.D
Acq: 08 Jul 2022 13:57

Tgt Ion: 76 Resp: 14867
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6

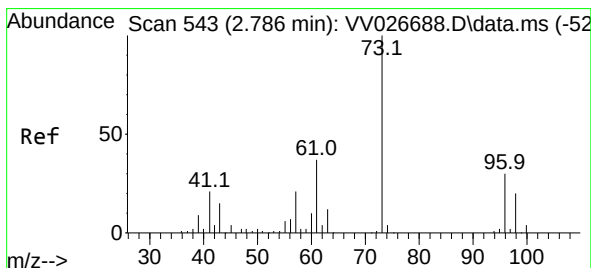
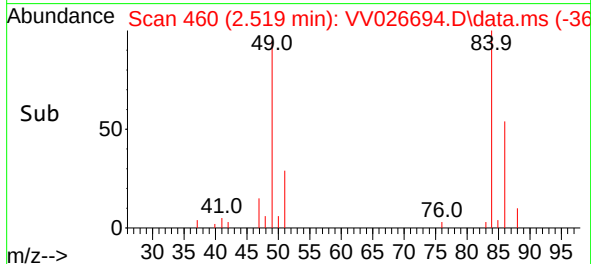
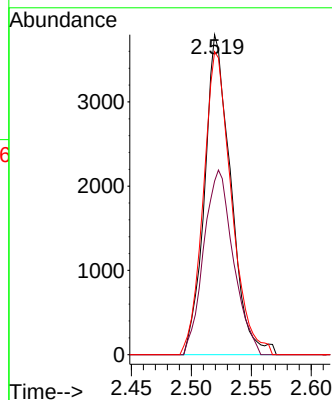
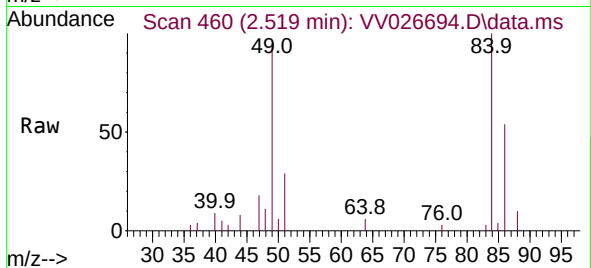




#16
Methylene chloride
Concen: 0.471 ug/L
RT: 2.519 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026694.D
Acq: 08 Jul 2022 13:57

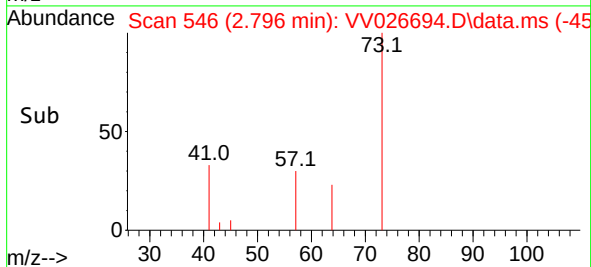
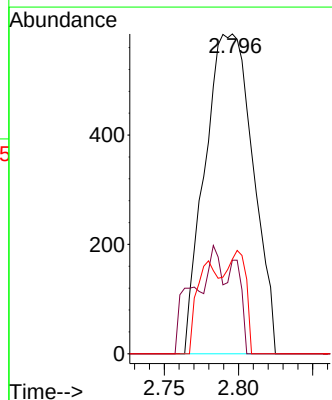
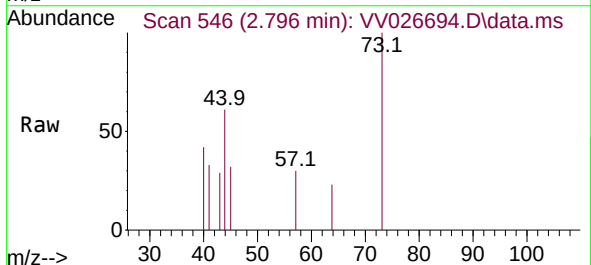
Instrument :
MSVOA_V
ClientSampleId :
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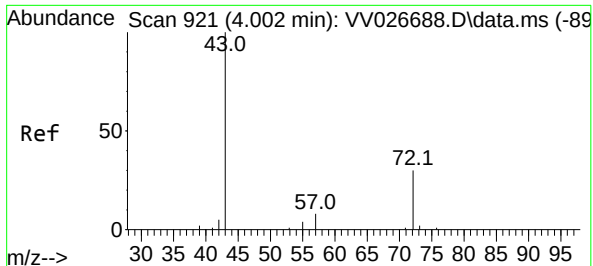
Tgt Ion: 84 Resp: 5785
Ion Ratio Lower Upper
84 100
86 54.3 46.0 85.4
49 94.7 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.070 ug/L
RT: 2.796 min Scan# 546
Delta R.T. 0.010 min
Lab File: VV026694.D
Acq: 08 Jul 2022 13:57

Tgt Ion: 73 Resp: 1318
Ion Ratio Lower Upper
73 100
43 6.8 13.3 19.9#
57 12.1 17.2 25.8#

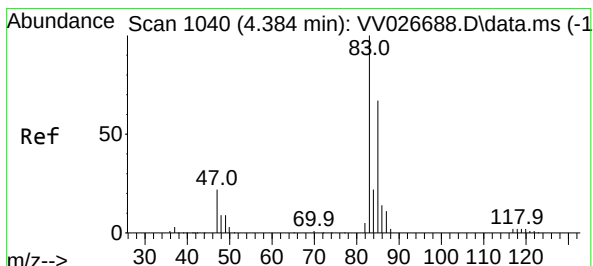
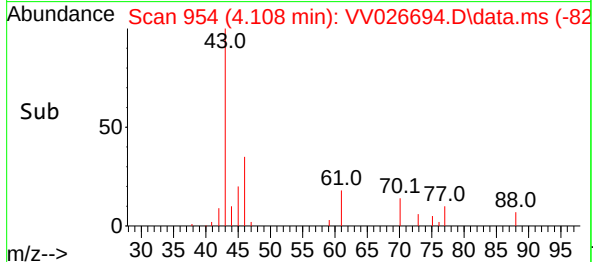
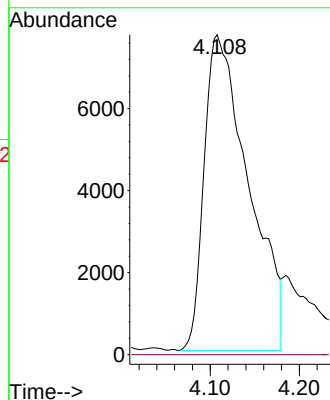
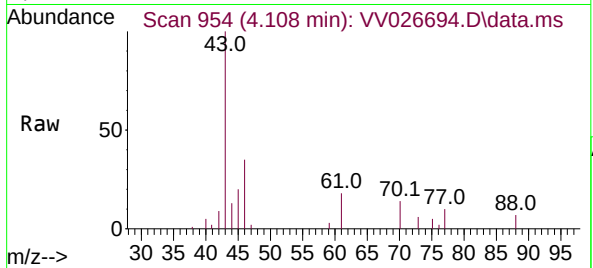




#21
2-Butanone
Concen: 20.362 ug/L
RT: 4.108 min Scan# 91
Delta R.T. 0.106 min
Lab File: VV026694.D
Acq: 08 Jul 2022 13:57

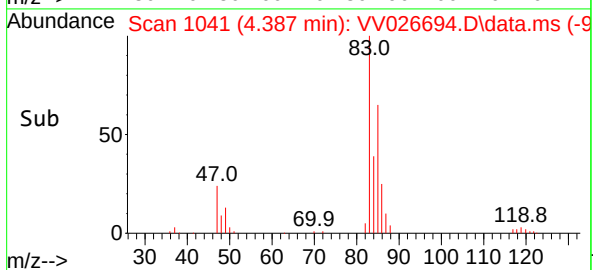
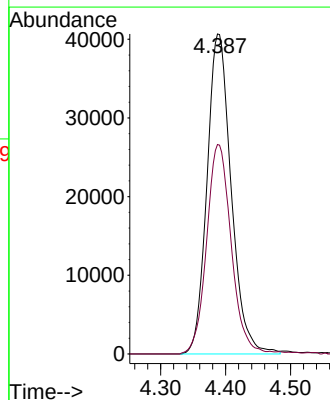
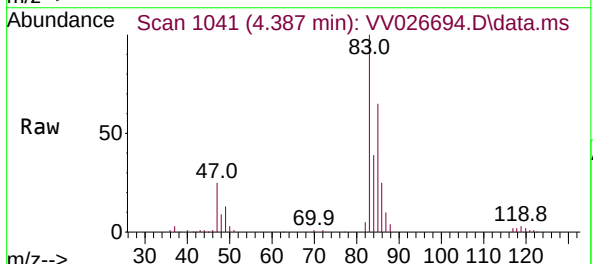
Instrument :
MSVOA_V
ClientSampleId :
COAP0

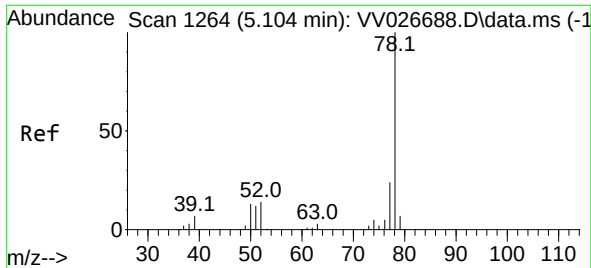
Tgt Ion: 43 Resp: 26617
Ion Ratio Lower Upper
43 100
72 0.0 13.5 40.5#



#25
Chloroform
Concen: 4.641 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.003 min
Lab File: VV026694.D
Acq: 08 Jul 2022 13:57

Tgt Ion: 83 Resp: 105234
Ion Ratio Lower Upper
83 100
85 65.5 44.0 81.8

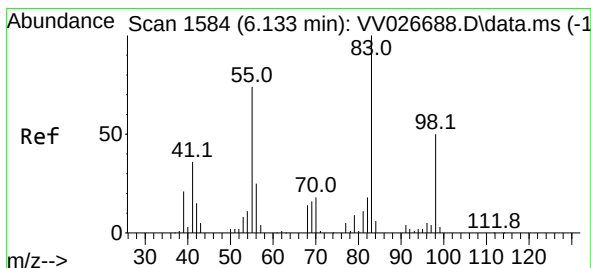
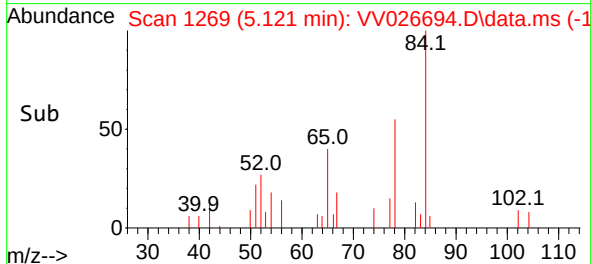
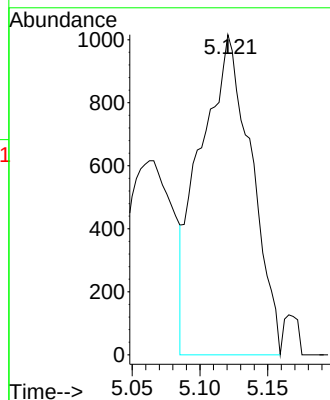
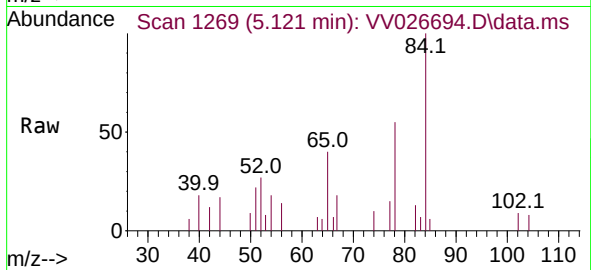




#33
Benzene
Concen: 0.053 ug/L
RT: 5.121 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV026694.D
Acq: 08 Jul 2022 13:57

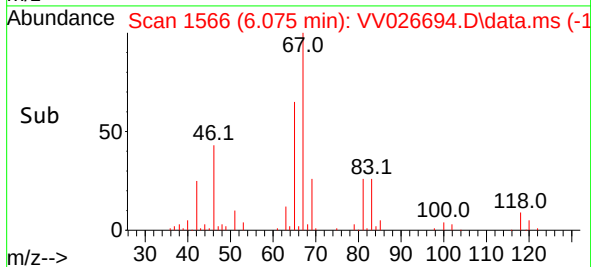
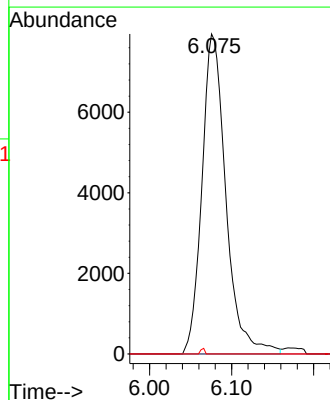
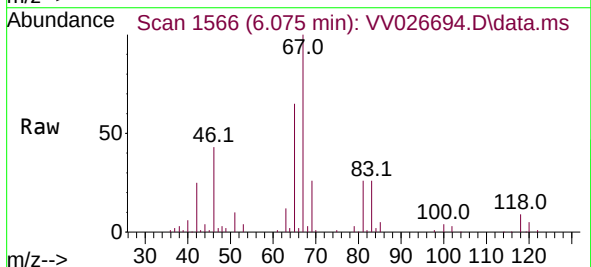
Instrument :
MSVOA_V
ClientSampleId :
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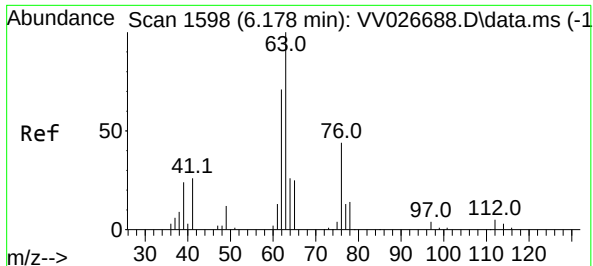
Tgt Ion: 78 Resp: 2655



#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026694.D
Acq: 08 Jul 2022 13:57

Tgt Ion: 83 Resp: 16115
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 0.3 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.578 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026694.D

Acq: 08 Jul 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

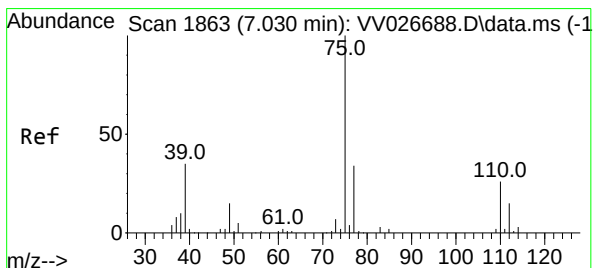
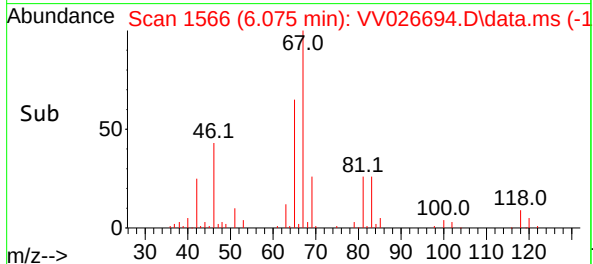
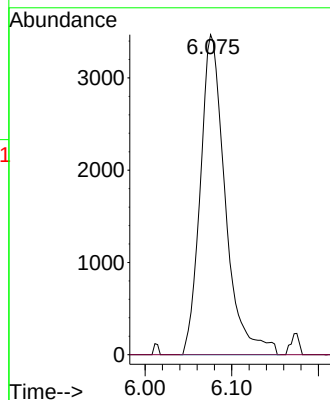
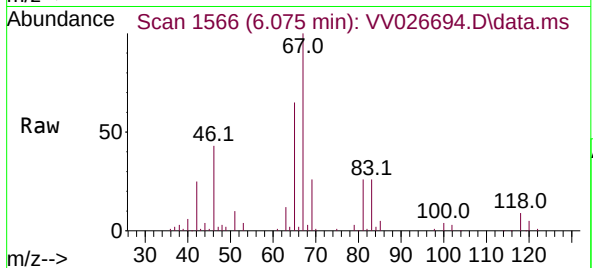
COAP0

Tgt Ion: 63 Resp: 6936

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.032 min

Lab File: VV026694.D

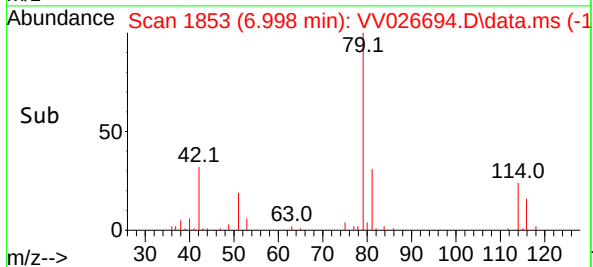
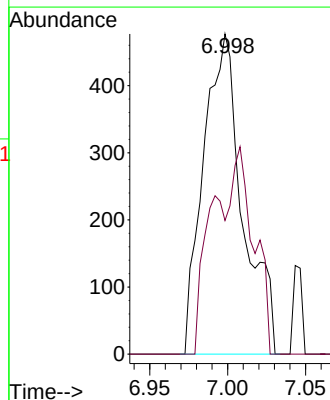
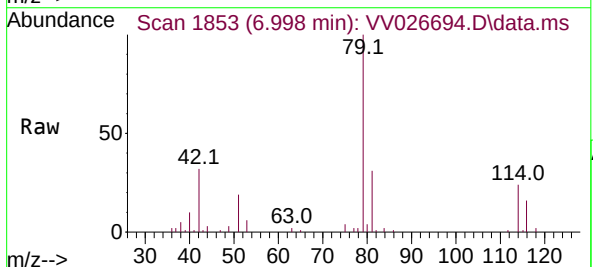
Acq: 08 Jul 2022 13:57

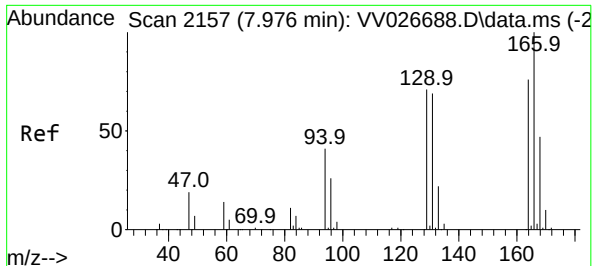
Tgt Ion: 75 Resp: 837

Ion Ratio Lower Upper

75 100

77 41.7 22.8 42.4





#47

Tetrachloroethene

Concen: 0.054 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026694.D

Acq: 08 Jul 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

C0AP0

Tgt Ion:164 Resp: 560

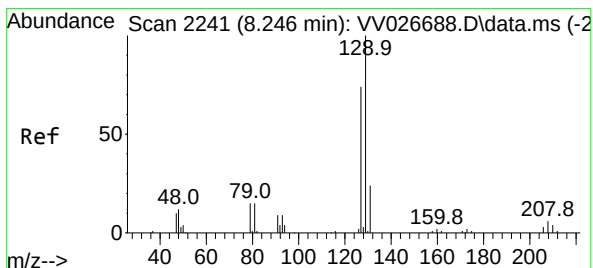
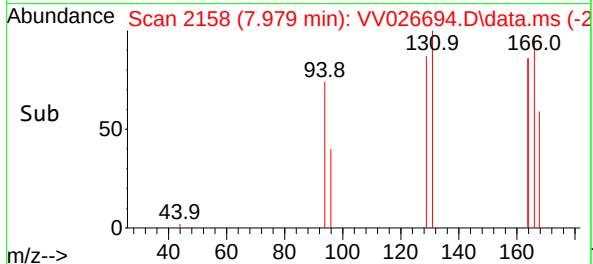
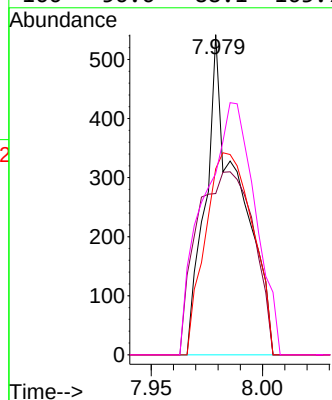
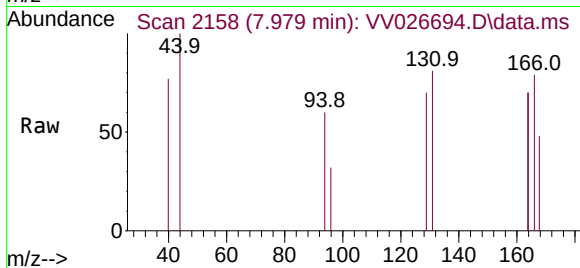
Ion Ratio Lower Upper

164 100

129 50.4 66.4 123.2#

131 58.1 64.4 119.6#

166 56.6 88.1 163.7#



#49

Dibromochloromethane

Concen: 0.071 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.260 min

Lab File: VV026694.D

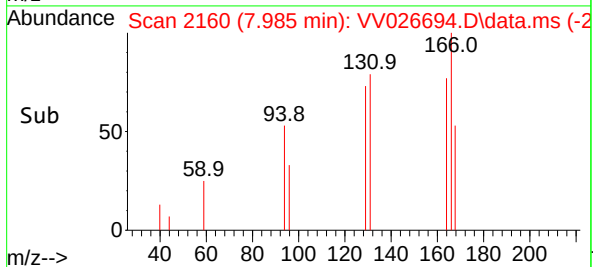
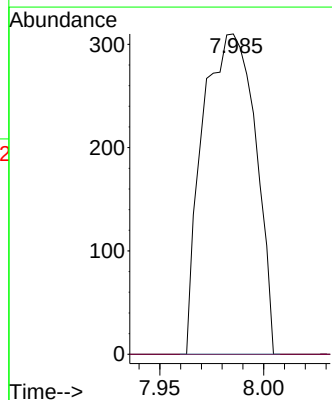
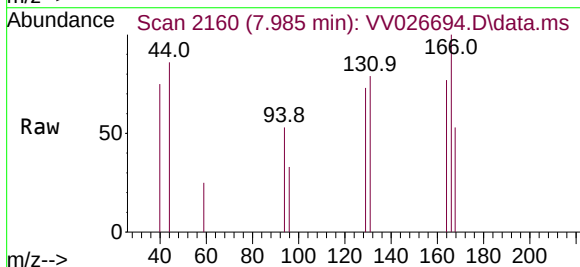
Acq: 08 Jul 2022 13:57

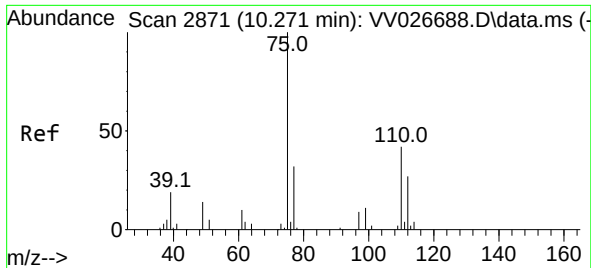
Tgt Ion:129 Resp: 547

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.704 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026694.D
 Acq: 08 Jul 2022 13:57

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP0

Tgt Ion: 75 Resp: 7254
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.6
 110 2.4 32.5 48.7#

