

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012722\
 Data File : VW024468.D
 Acq On : 27 Jan 2022 22:02
 Operator : SY/MD
 Sample : N1318-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 28 03:24:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 03:20:33 2022
 Response via : Initial Calibration

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

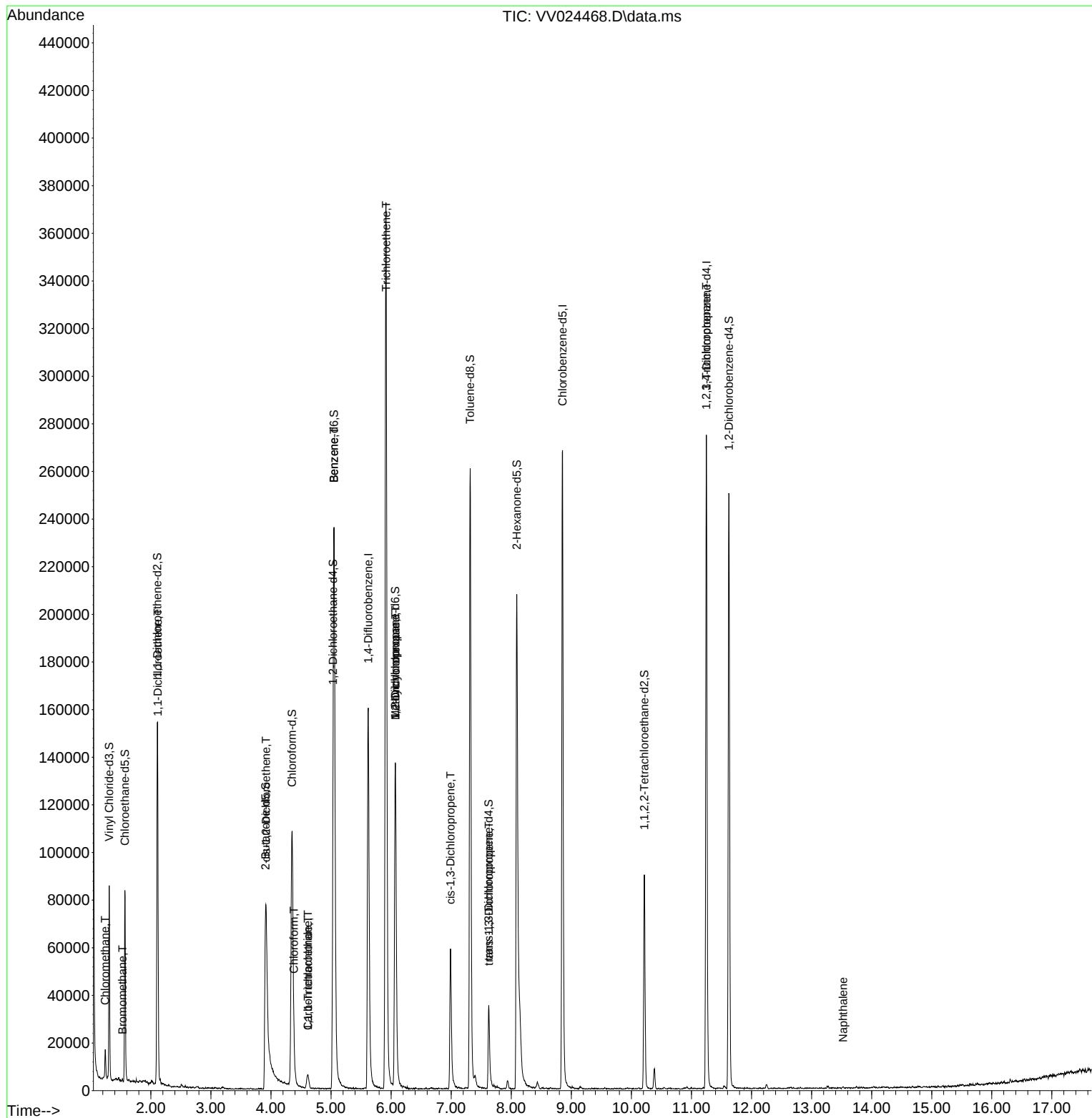
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	143141	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	149263	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50384	4.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.568	69	50338	4.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.108	63	80616	3.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.908	46	93407	46.735	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.460%
24) Chloroform-d	4.349	84	116941	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.034	65	55970	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.050	84	211283	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.069	67	71067	5.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.317	98	176423	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.625	79	21937	4.551	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.092	63	84579	51.315	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42623	5.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	67269	5.331	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	7175	0.489	ug/L	94
6) Bromomethane	1.526	94	420	0.046	ug/L	91
12) 1,1-Dichloroethene	2.114	96	861	0.080	ug/L #	1
22) cis-1,2-Dichloroethene	3.918	96	25335	2.444	ug/L	93
25) Chloroform	4.381	83	5154	0.236	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	5322	0.307	ug/L #	78
31) Carbon tetrachloride	4.616	117	719	0.046	ug/L #	55
33) Benzene	5.050	78	1908	0.048	ug/L	100
34) Trichloroethene	5.915	95	134704	11.928	ug/L	93
35) Methylcyclohexane	6.072	83	17022	1.022	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8248	0.840	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1711	0.129	ug/L #	77
44) trans-1,3-Dichloropropene	7.629	75	977	0.089	ug/L	93
61) 1,2,3-Trichloropropane	11.246	75	8284	1.817	ug/L #	64
71) Naphthalene	13.525	128	902	0.064	ug/L #	69

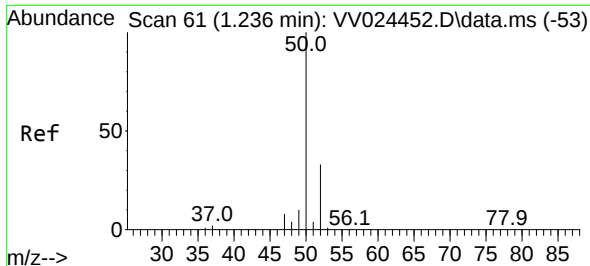
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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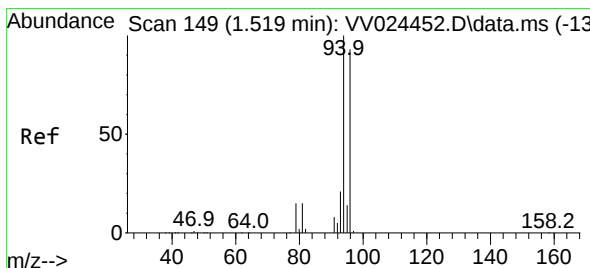
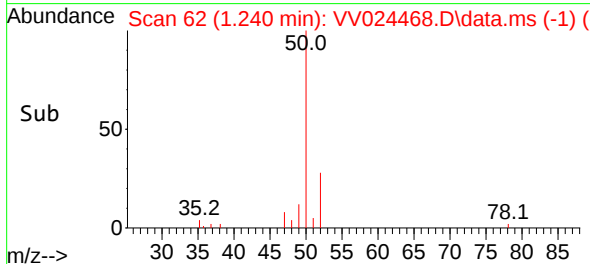
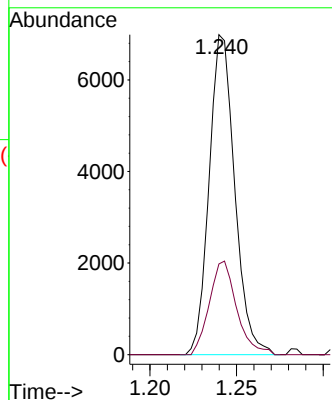
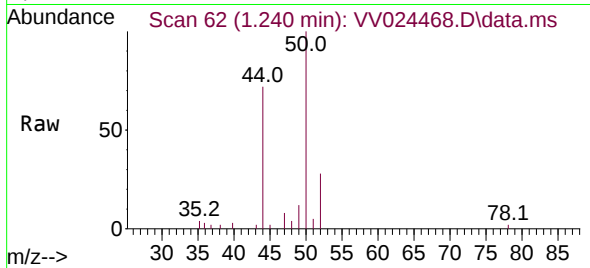




#3
Chloromethane
Concen: 0.489 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024468.D
Acq: 27 Jan 2022 22:02

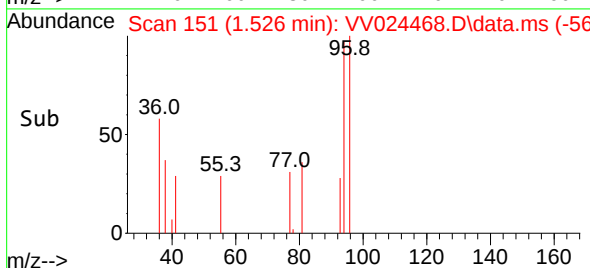
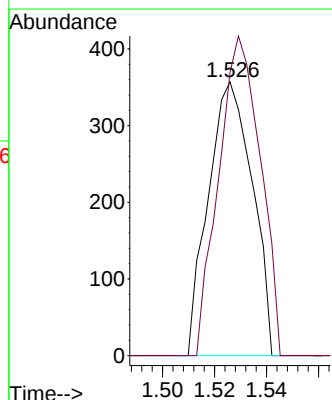
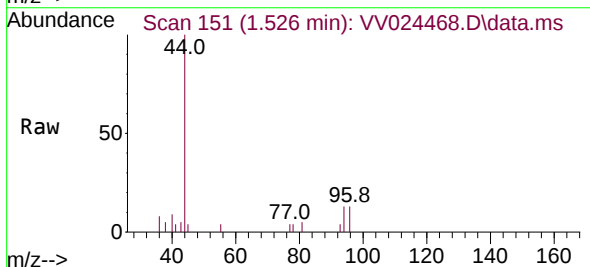
Instrument :
MSVOA_V
ClientSampleId :

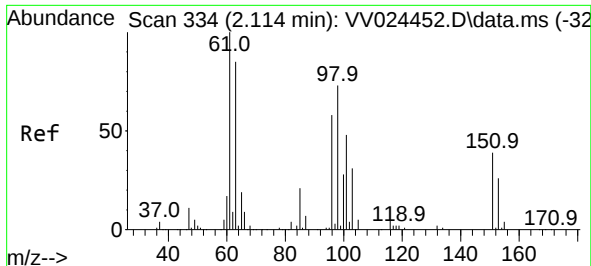
Tgt Ion: 50 Resp: 7175
Ion Ratio Lower Upper
50 100
52 28.3 22.0 41.0



#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.007 min
Lab File: VV024468.D
Acq: 27 Jan 2022 22:02

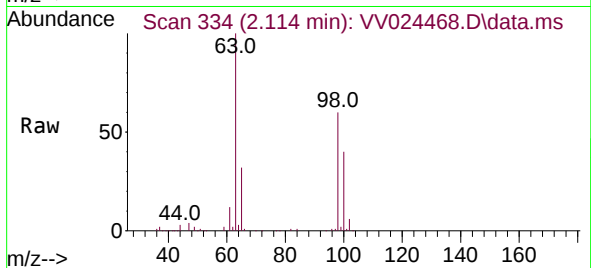
Tgt Ion: 94 Resp: 420
Ion Ratio Lower Upper
94 100
96 103.4 66.2 123.0



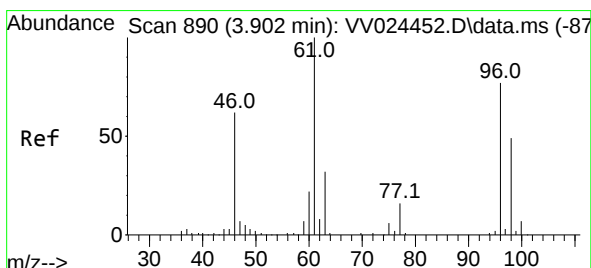
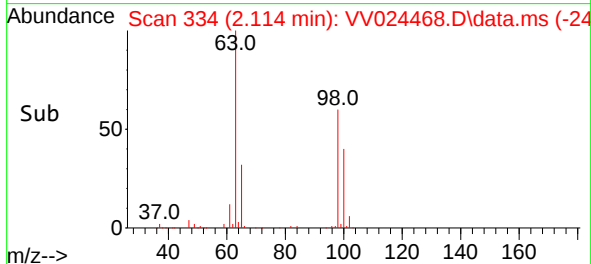
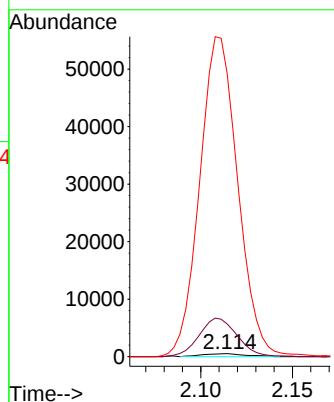


#12
1,1-Dichloroethene
Concen: 0.080 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV024468.D
Acq: 27 Jan 2022 22:02

Instrument :
MSVOA_V
ClientSampleId :

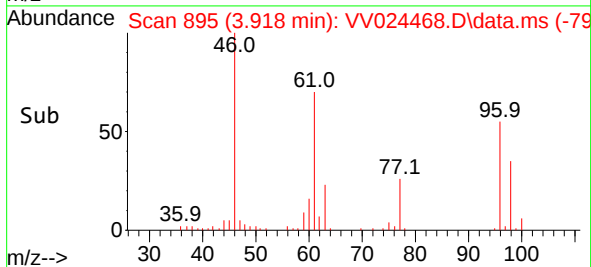
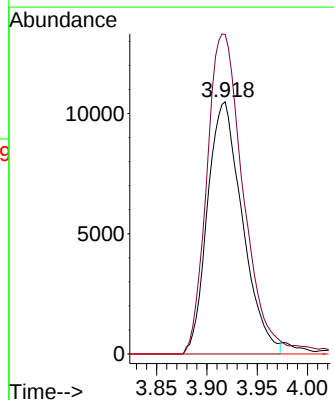
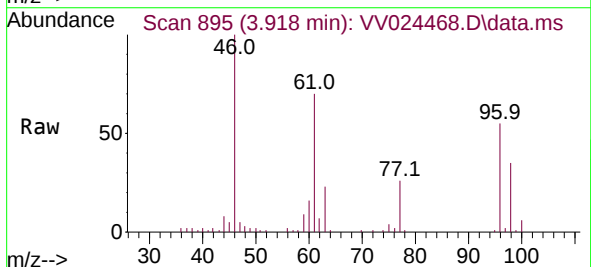


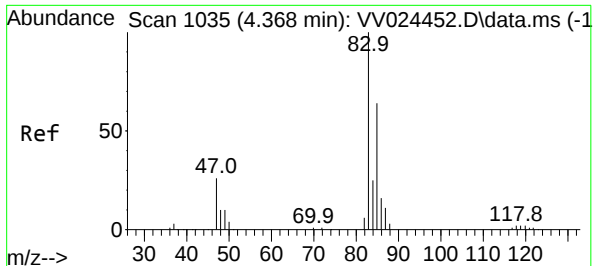
Tgt Ion: 96 Resp: 861
Ion Ratio Lower Upper
96 100
61 1096.9 116.1 215.5#
63 9471.0 79.4 147.4#



#22
cis-1,2-Dichloroethene
Concen: 2.444 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.016 min
Lab File: VV024468.D
Acq: 27 Jan 2022 22:02

Tgt Ion: 96 Resp: 25335
Ion Ratio Lower Upper
96 100
61 126.7 83.4 154.8
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.236 ug/L

RT: 4.381 min Scan# 1109

Delta R.T. 0.013 min

Lab File: VV024468.D

Acq: 27 Jan 2022 22:02

Instrument :

MSVOA_V

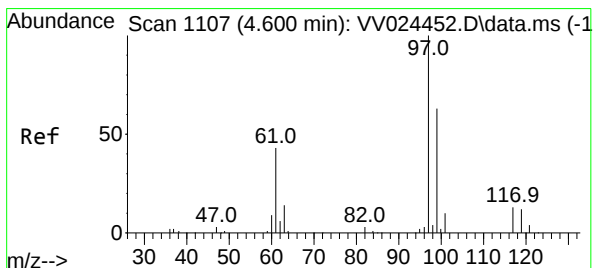
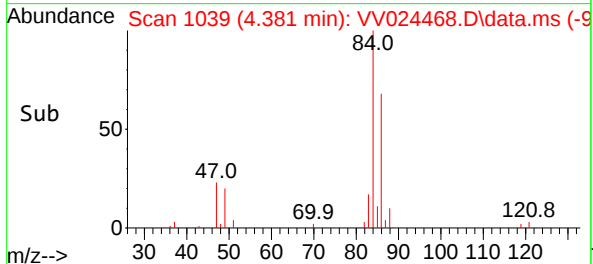
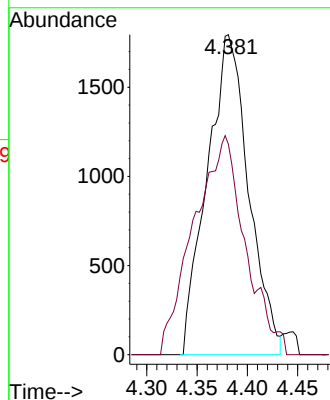
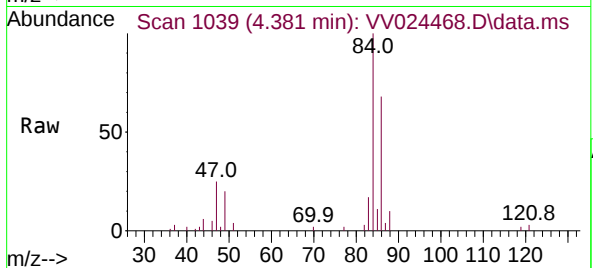
ClientSampleId :

Tgt Ion: 83 Resp: 5154

Ion Ratio Lower Upper

83 100

85 65.8 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.307 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.016 min

Lab File: VV024468.D

Acq: 27 Jan 2022 22:02

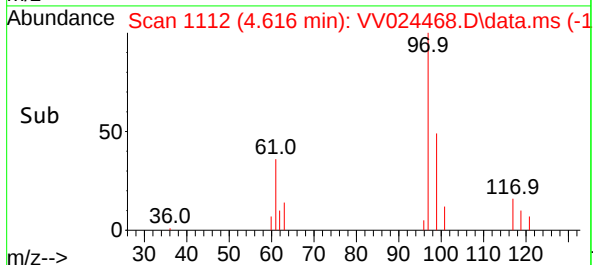
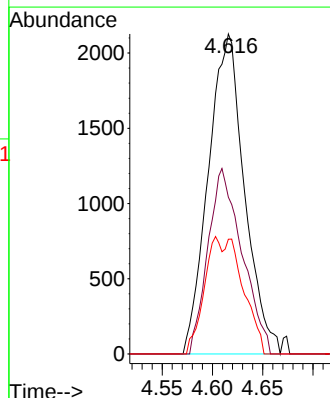
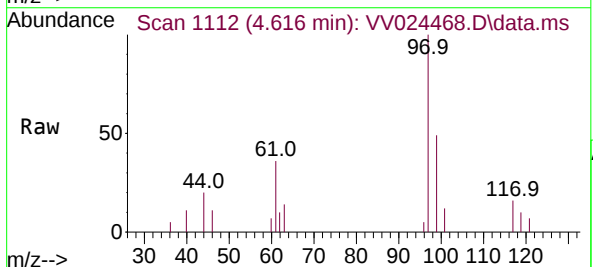
Tgt Ion: 97 Resp: 5322

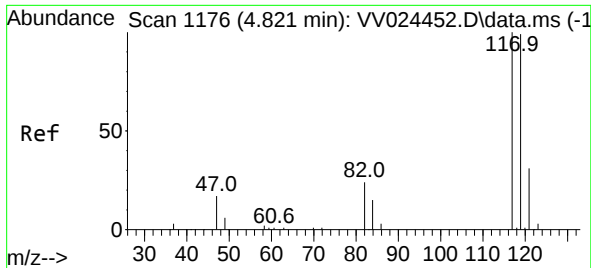
Ion Ratio Lower Upper

97 100

99 54.6 51.9 77.9

61 18.5 33.2 49.8#

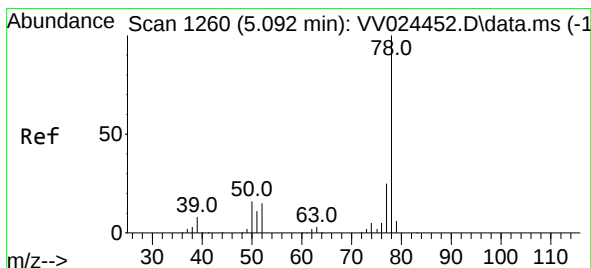
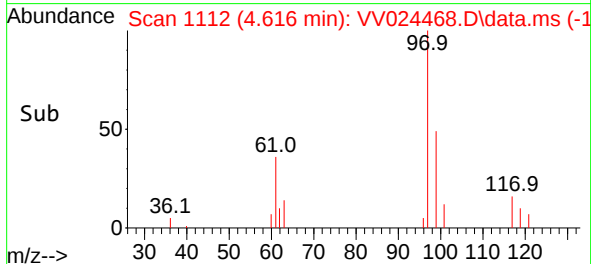
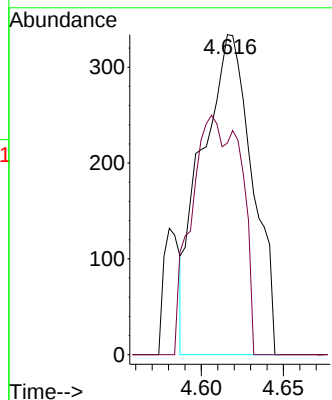
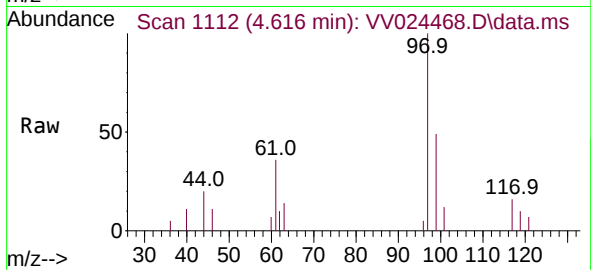




#31
Carbon tetrachloride
Concen: 0.046 ug/L
RT: 4.616 min Scan# 1176
Delta R.T. -0.206 min
Lab File: VV024468.D
Acq: 27 Jan 2022 22:02

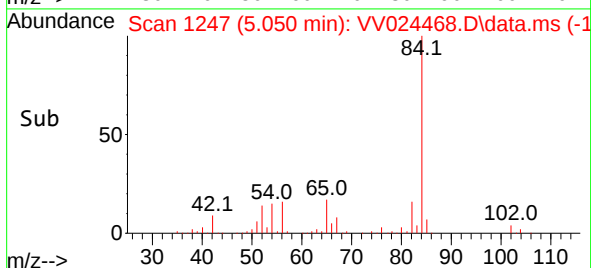
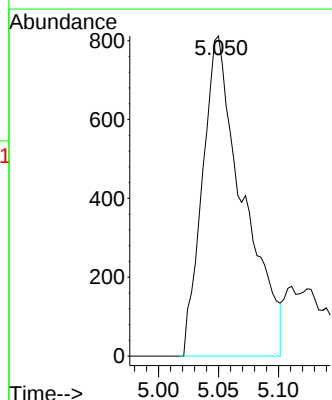
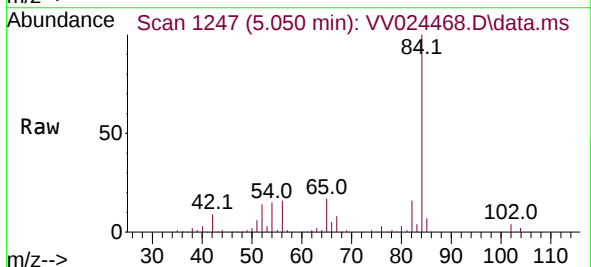
Instrument :
MSVOA_V
ClientSampleId :

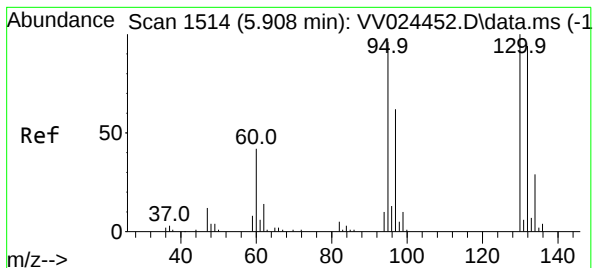
Tgt Ion:117 Resp: 719
Ion Ratio Lower Upper
117 100
119 52.0 76.6 114.8#



#33
Benzene
Concen: 0.048 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.042 min
Lab File: VV024468.D
Acq: 27 Jan 2022 22:02

Tgt Ion: 78 Resp: 1908





#34

Trichloroethene

Concen: 11.928 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV024468.D

Acq: 27 Jan 2022 22:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 134704

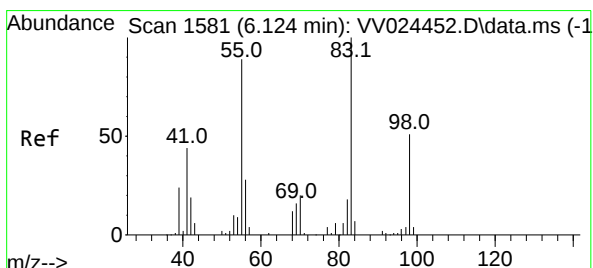
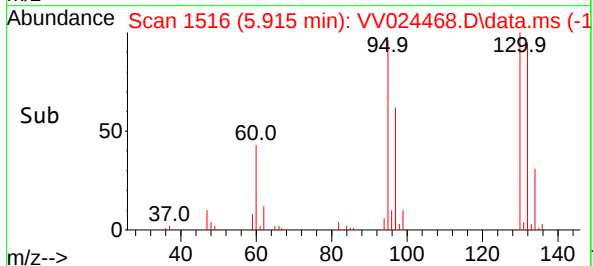
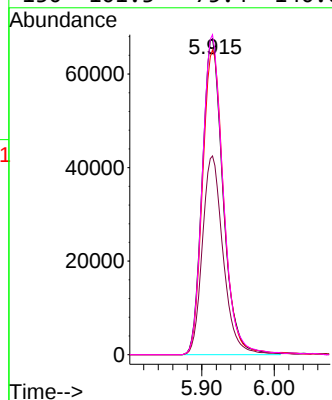
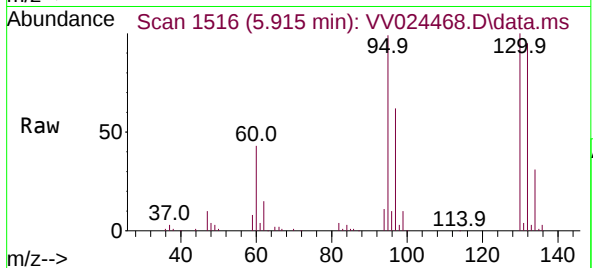
Ion Ratio Lower Upper

95 100

97 62.9 45.2 84.0

132 96.5 76.1 141.3

130 101.3 75.4 140.0



#35

Methylcyclohexane

Concen: 1.022 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.051 min

Lab File: VV024468.D

Acq: 27 Jan 2022 22:02

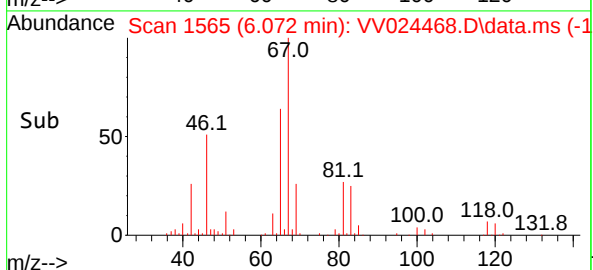
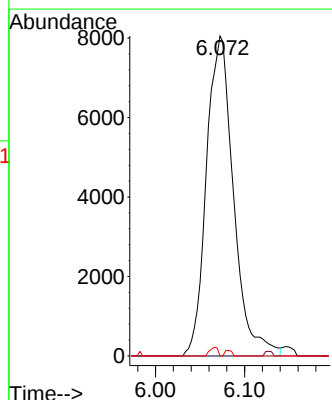
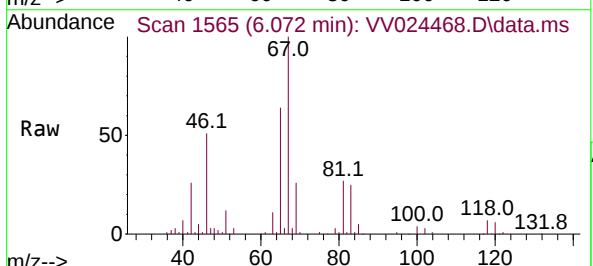
Tgt Ion: 83 Resp: 17022

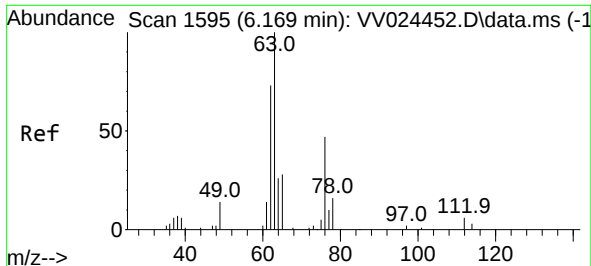
Ion Ratio Lower Upper

83 100

55 0.4 60.2 90.2#

98 1.9 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.840 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV024468.D

Acq: 27 Jan 2022 22:02

Instrument :

MSVOA_V

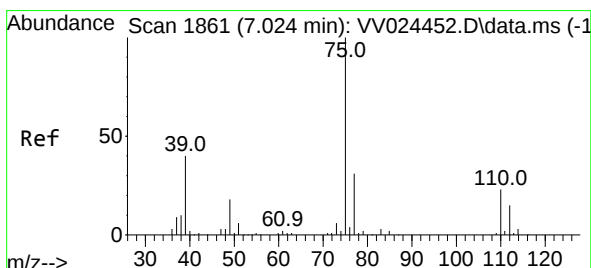
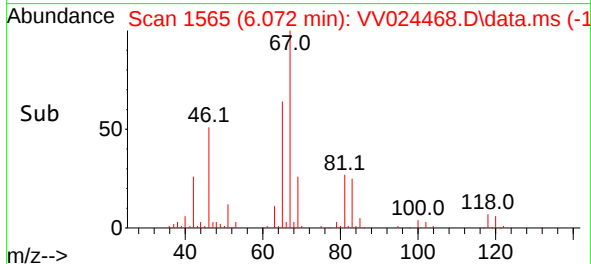
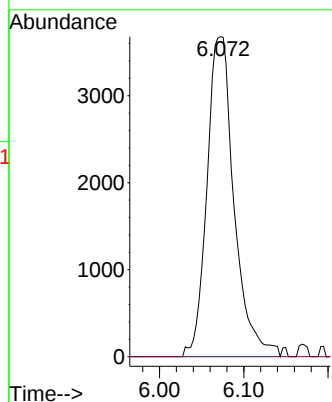
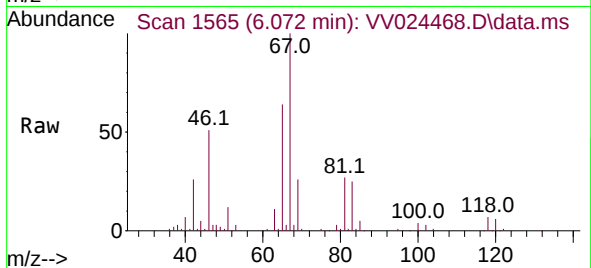
ClientSampleId :

Tgt Ion: 63 Resp: 8248

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV024468.D

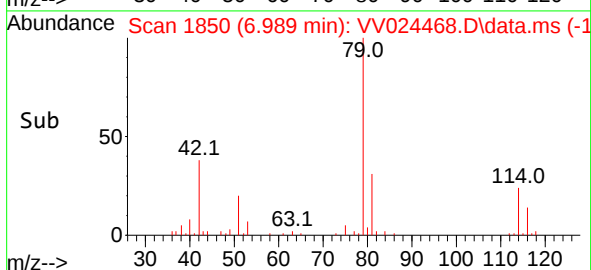
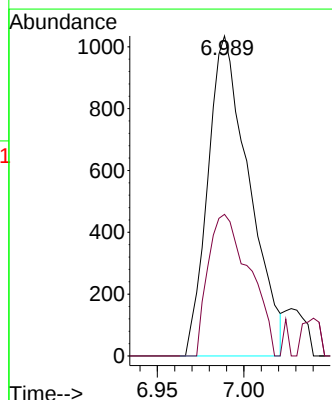
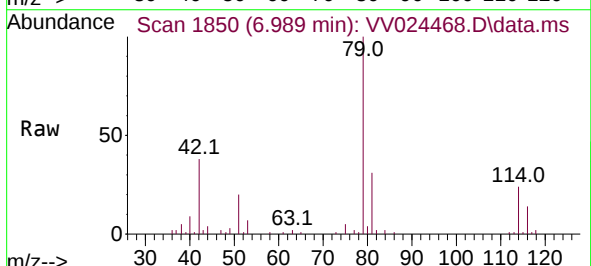
Acq: 27 Jan 2022 22:02

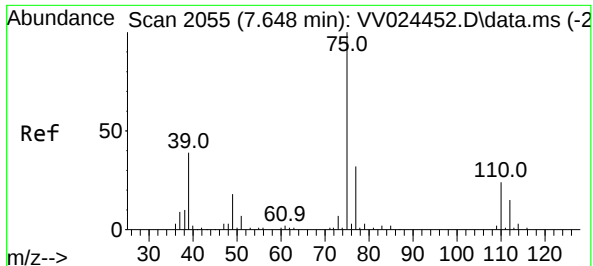
Tgt Ion: 75 Resp: 1711

Ion Ratio Lower Upper

75 100

77 44.3 22.0 41.0#

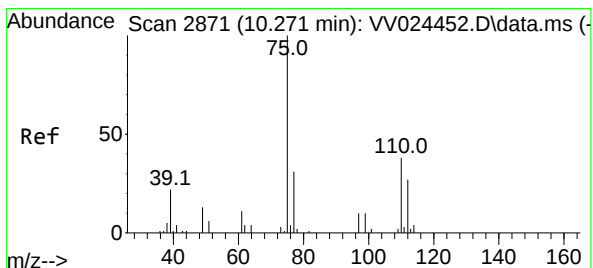
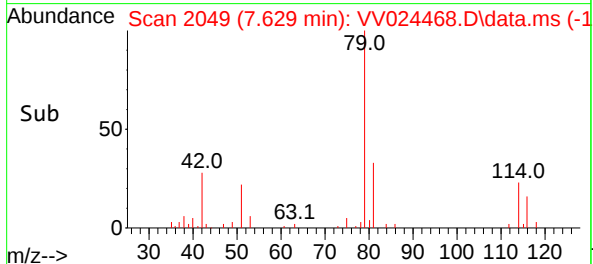
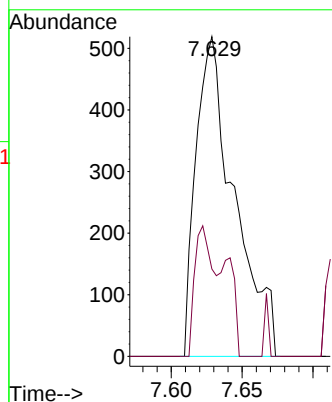
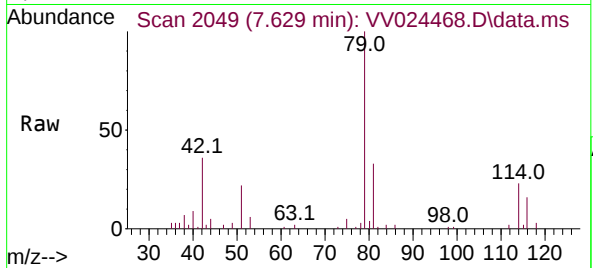




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.629 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VV024468.D
Acq: 27 Jan 2022 22:02

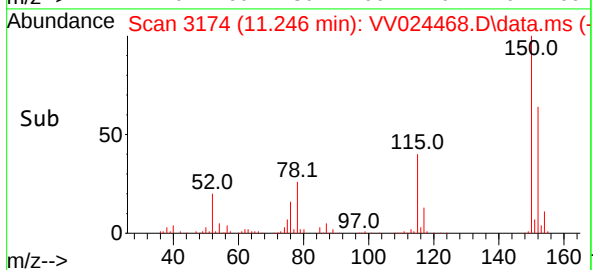
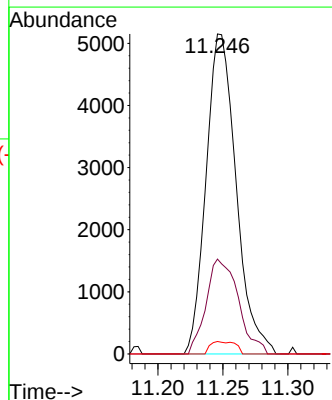
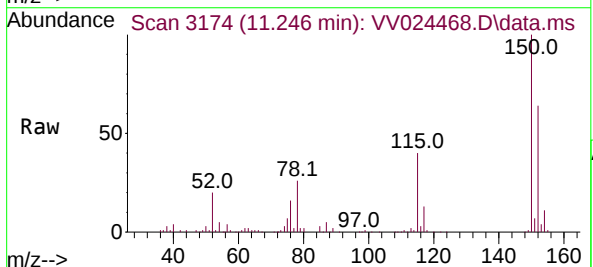
Instrument :
MSVOA_V
ClientSampleId :

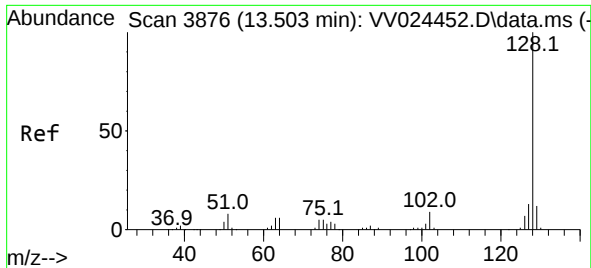
Tgt Ion: 75 Resp: 977
Ion Ratio Lower Upper
75 100
77 27.4 21.8 40.4



#61
1,2,3-Trichloropropane
Concen: 1.817 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024468.D
Acq: 27 Jan 2022 22:02

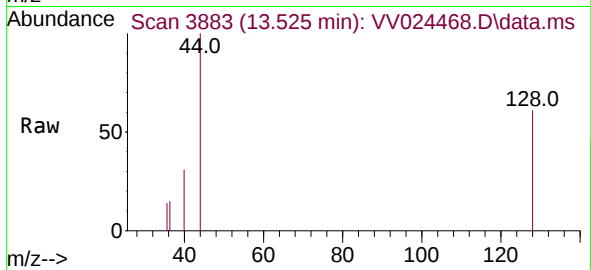
Tgt Ion: 75 Resp: 8284
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
110 3.2 34.2 51.2#





#71
Naphthalene
Concen: 0.064 ug/L
RT: 13.525 min Scan# 3883
Delta R.T. 0.023 min
Lab File: VV024468.D
Acq: 27 Jan 2022 22:02

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 902
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.2 15.4#

