

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033672.D
 Acq On : 16 Jan 2024 15:47
 Operator : SY/MD
 Sample : P1062-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 00:12:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 00:08:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	111525	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	102118	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	21759	3.568	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.536	69	21768	4.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.063	65	11076	4.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.806	46	64648	43.357	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.720%
24) Chloroform-d	4.253	84	57807	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.947	65	27692	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.963	84	107097	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	5.992	67	36318	4.421	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.246	98	95052	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.561	79	11286	3.974	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.027	63	51138	45.862	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.720%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	24152	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	37184	4.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	7376	0.636	ug/L	92
8) Chloroethane	1.558	64	1333	0.189	ug/L #	53
12) 1,1-Dichloroethene	2.069	96	1434	0.182	ug/L #	1
13) Acetone	2.130	43	6035	4.986	ug/L	81
17) Methyl tert-butyl Ether	2.706	73	6514	0.366	ug/L #	92
19) 1,1-Dichloroethane	3.114	63	15622	0.885	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	7647	0.822	ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	1709	0.118	ug/L	93
34) Trichloroethene	5.835	95	36297	3.761	ug/L	98
35) Methylcyclohexane	5.989	83	8037	0.492	ug/L #	18
37) 1,2-Dichloropropane	5.992	63	4152	0.461	ug/L #	87
39) cis-1,3-Dichloropropene	6.924	75	849	0.066	ug/L #	67
42) Toluene	7.326	91	19744	0.515	ug/L	100
47) Tetrachloroethene	7.912	164	3080	0.444	ug/L	95
48) 2-Hexanone	8.092	43	8614	2.841	ug/L #	87
49) Dibromochloromethane	7.912	129	2876	0.462	ug/L #	11
53) m,p-Xylene	9.085	106	1281	0.078	ug/L	88
61) 1,2,3-Trichloropropane	11.185	75	6867	1.617	ug/L #	68

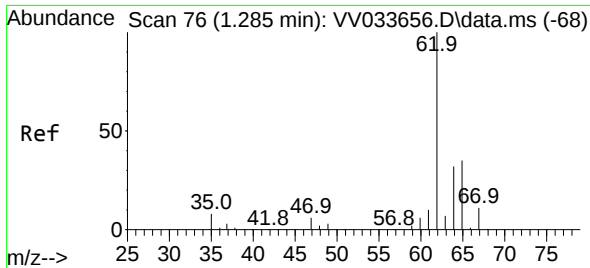
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033672.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 00:08:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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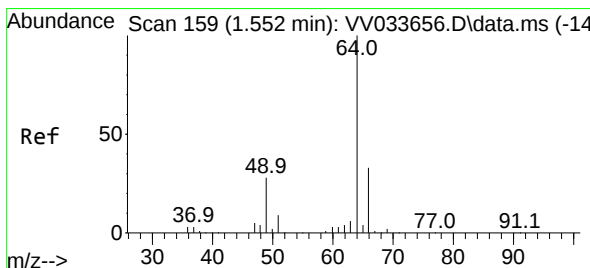
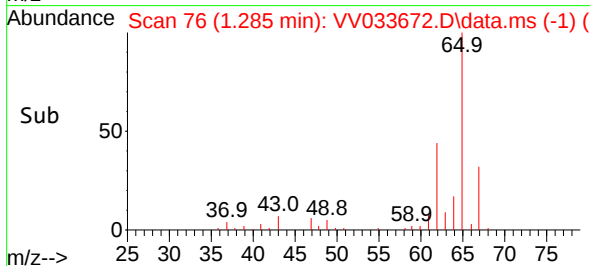
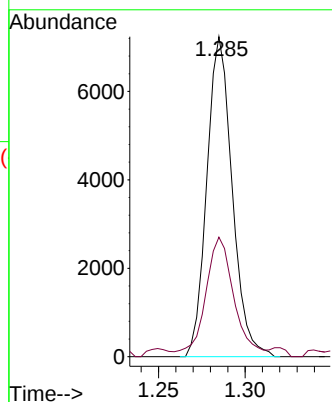
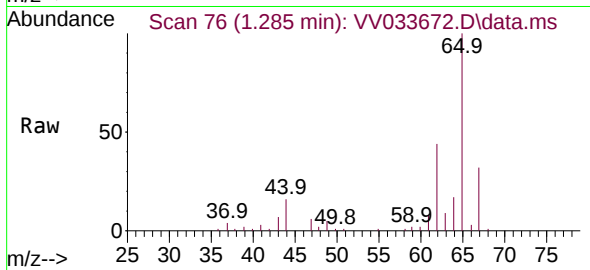
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.636 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV033672.D
 Acq: 16 Jan 2024 15:47

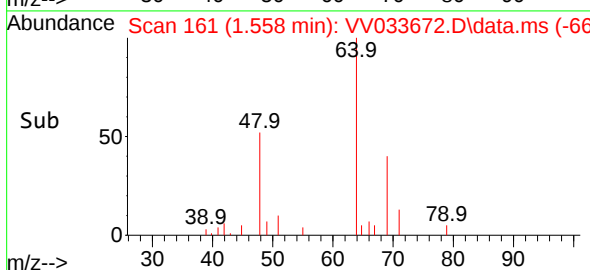
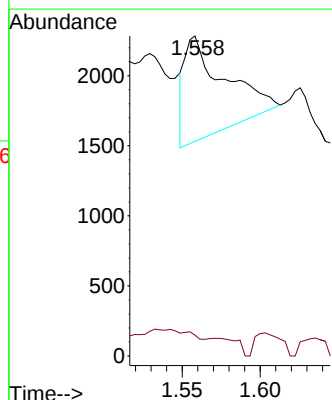
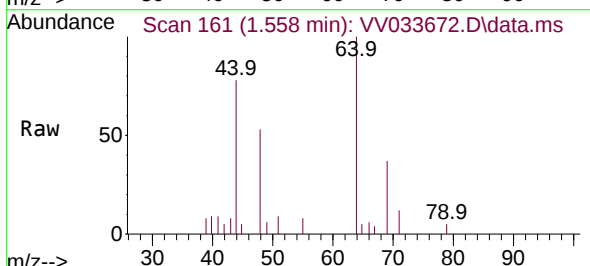
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 MSVOA_V
 ClientSampleId :

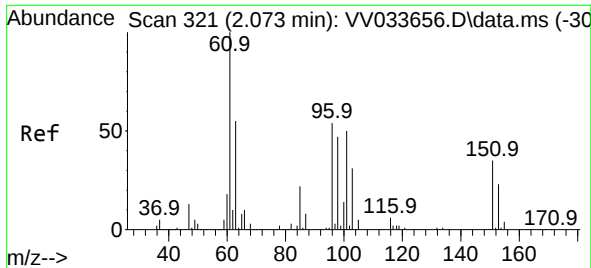
Tgt Ion: 62 Resp: 7376
 Ion Ratio Lower Upper
 62 100
 64 37.4 23.0 42.8



#8
 Chloroethane
 Concen: 0.189 ug/L
 RT: 1.558 min Scan# 161
 Delta R.T. 0.006 min
 Lab File: VV033672.D
 Acq: 16 Jan 2024 15:47

Tgt Ion: 64 Resp: 1333
 Ion Ratio Lower Upper
 64 100
 66 6.2 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 0.182 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033672.D

Acq: 16 Jan 2024 15:47

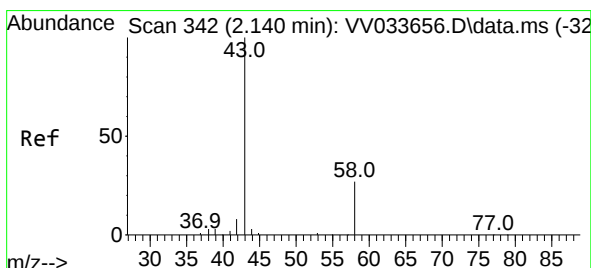
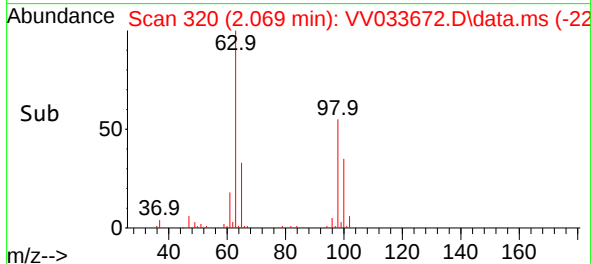
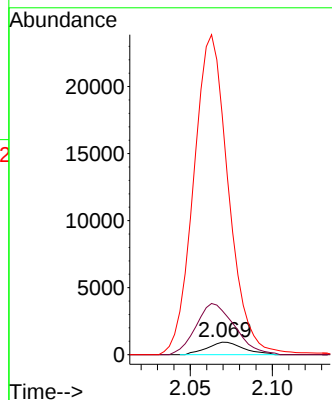
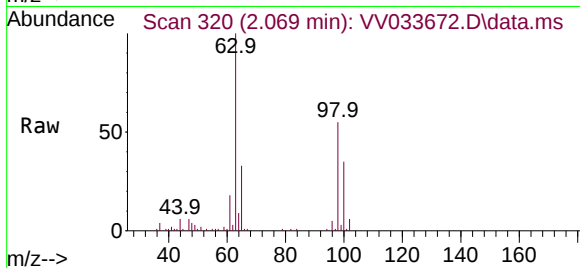
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 1434

Ion	Ratio	Lower	Upper
96	100		
61	354.4	133.8	248.4#
63	1928.6	77.2	143.4#



#13

Acetone

Concen: 4.986 ug/L

RT: 2.130 min Scan# 339

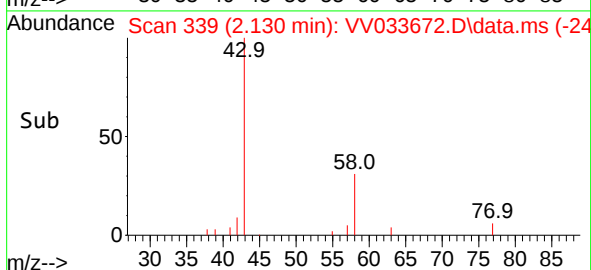
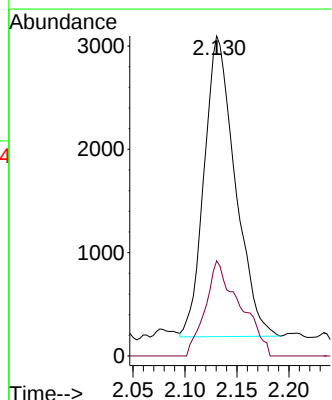
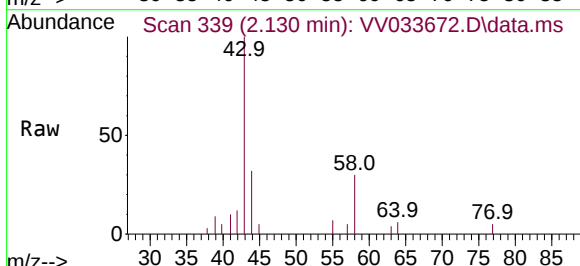
Delta R.T. -0.010 min

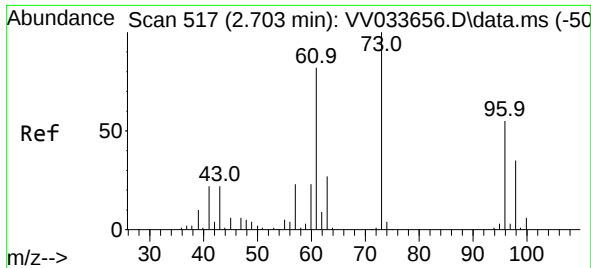
Lab File: VV033672.D

Acq: 16 Jan 2024 15:47

Tgt Ion: 43 Resp: 6035

Ion	Ratio	Lower	Upper
43	100		
58	35.2	0.0	51.0

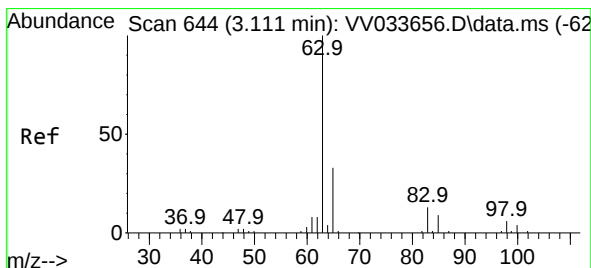
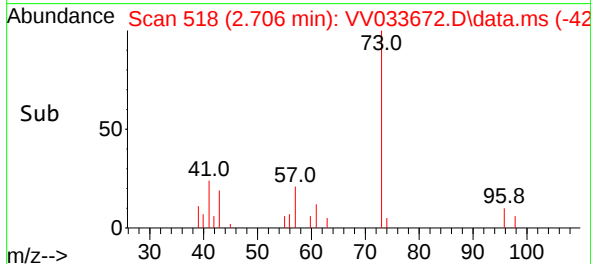
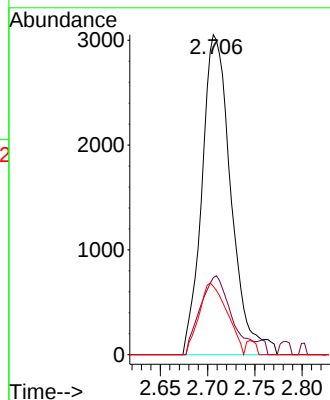
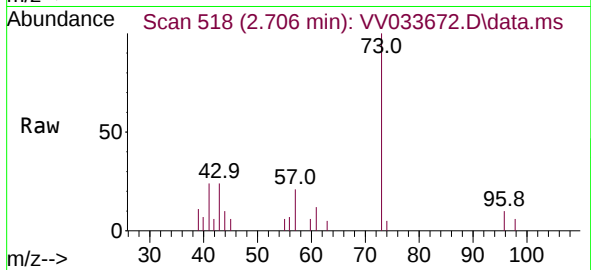




#17
Methyl tert-butyl Ether
Concen: 0.366 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033672.D
Acq: 16 Jan 2024 15:47

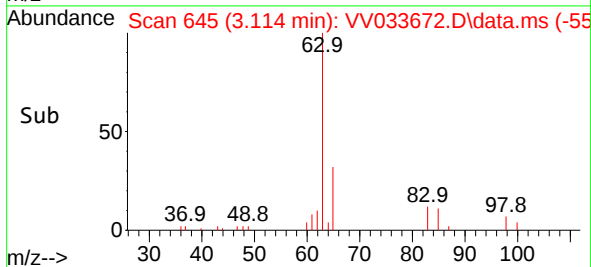
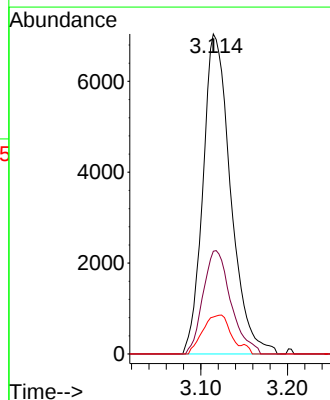
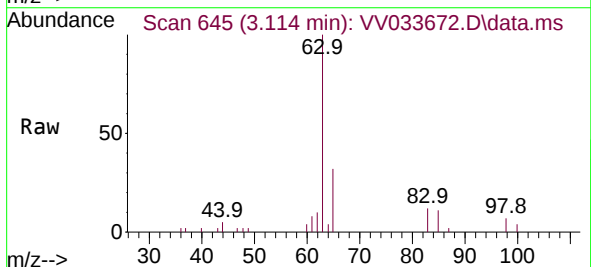
Instrument :
MSVOA_V
ClientSampleId :

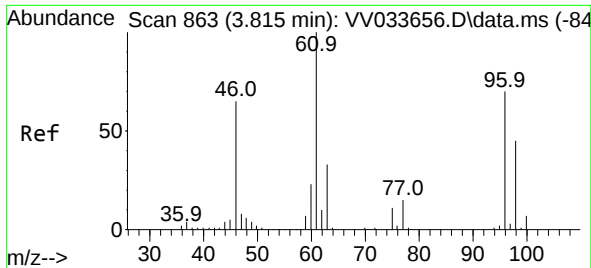
Tgt Ion: 73 Resp: 6514
Ion Ratio Lower Upper
73 100
43 26.7 17.7 26.5#
57 21.5 19.5 29.3



#19
1,1-Dichloroethane
Concen: 0.885 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV033672.D
Acq: 16 Jan 2024 15:47

Tgt Ion: 63 Resp: 15622
Ion Ratio Lower Upper
63 100
65 32.1 21.6 40.2
83 11.5 9.1 16.9





#22

cis-1,2-Dichloroethene

Concen: 0.822 ug/L

RT: 3.818 min Scan# 80

Delta R.T. 0.003 min

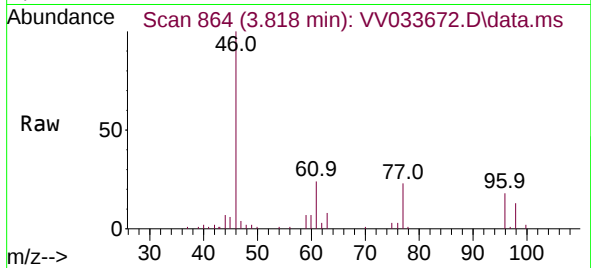
Lab File: VV033672.D

Acq: 16 Jan 2024 15:47

Instrument :

MSVOA_V

ClientSampleId :



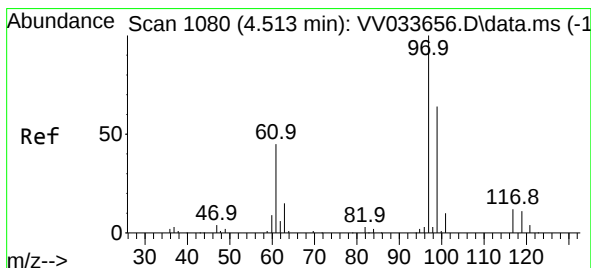
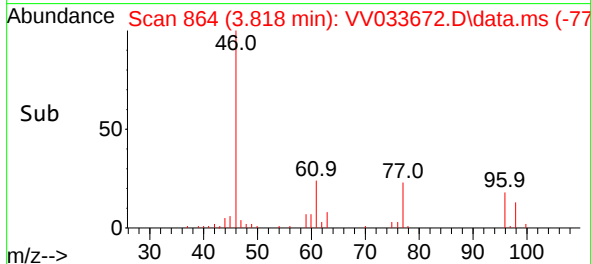
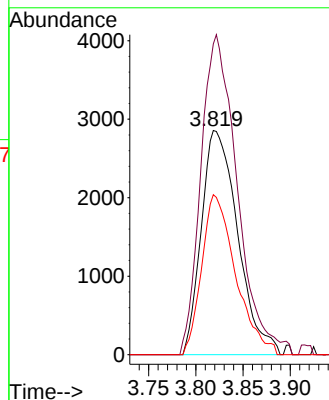
Tgt Ion: 96 Resp: 7647

Ion Ratio Lower Upper

96 100

61 138.6 97.1 180.3

98 71.4 42.6 79.0



#29

1,1,1-Trichloroethane

Concen: 0.118 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VV033672.D

Acq: 16 Jan 2024 15:47

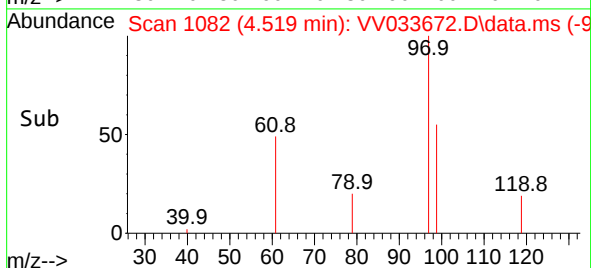
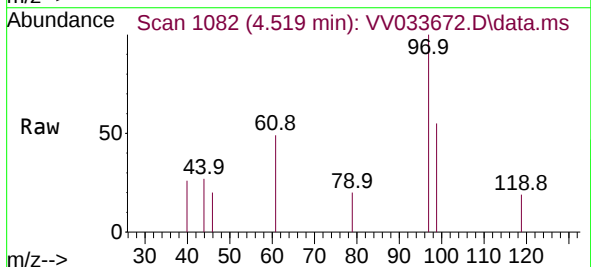
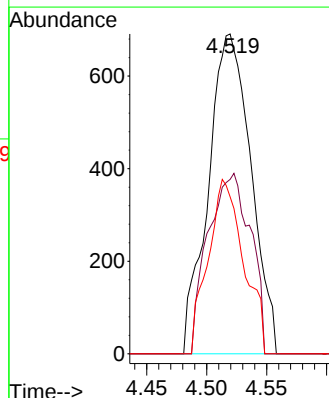
Tgt Ion: 97 Resp: 1709

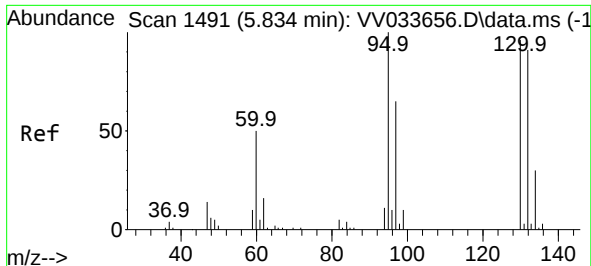
Ion Ratio Lower Upper

97 100

99 56.3 50.8 76.2

61 45.5 38.1 57.1

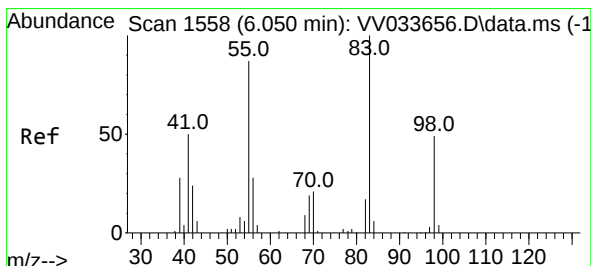
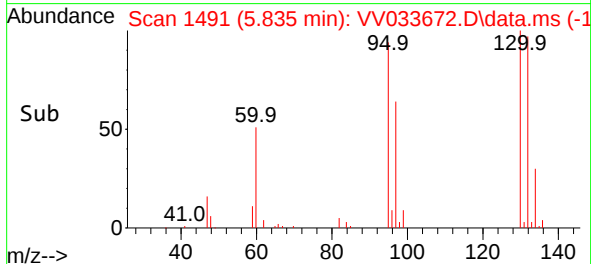
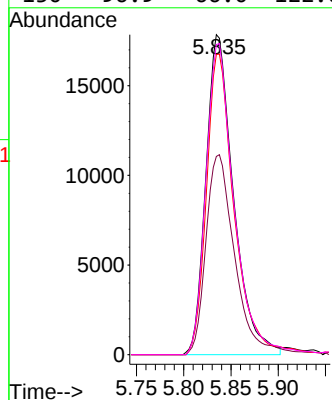
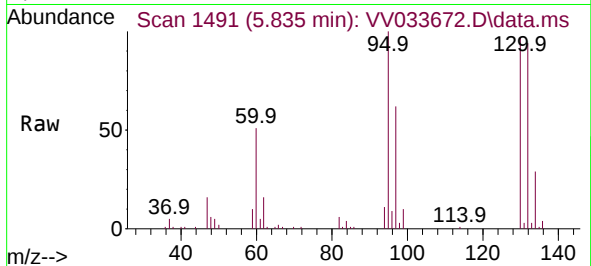




#34
Trichloroethene
Concen: 3.761 ug/L
RT: 5.835 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV033672.D
Acq: 16 Jan 2024 15:47

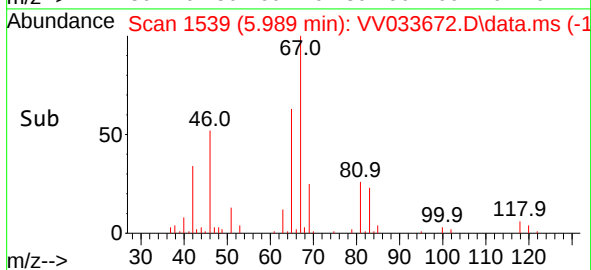
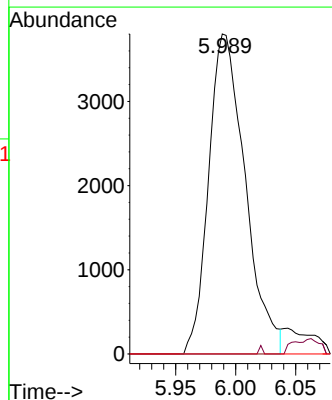
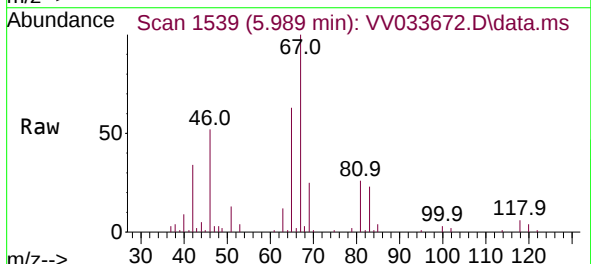
Instrument :
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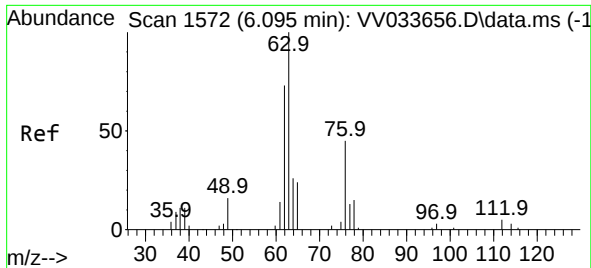
Tgt Ion: 95 Resp: 36297
Ion Ratio Lower Upper
95 100
97 62.0 45.1 83.9
132 93.9 65.2 121.2
130 96.9 66.0 122.6



#35
Methylcyclohexane
Concen: 0.492 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV033672.D
Acq: 16 Jan 2024 15:47

Tgt Ion: 83 Resp: 8037
Ion Ratio Lower Upper
83 100
55 0.2 68.7 103.1#
98 7.2 38.3 57.5#

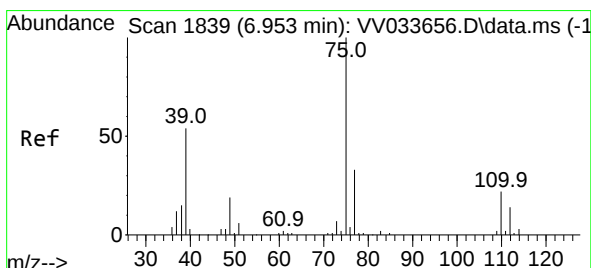
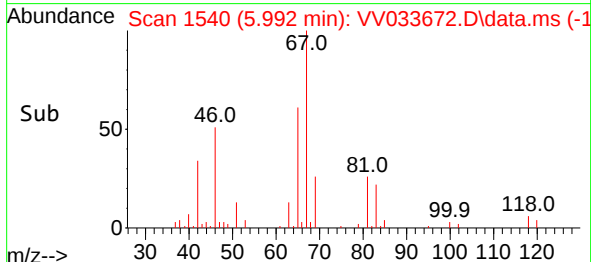
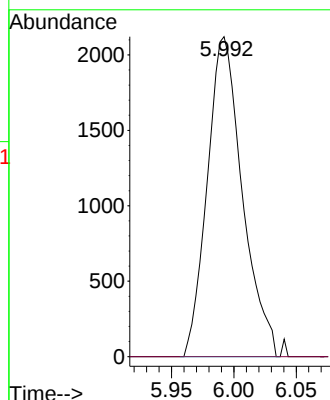
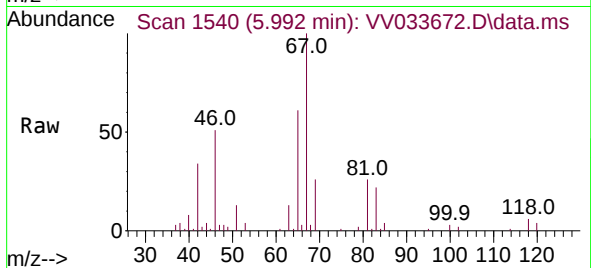




#37
1,2-Dichloropropane
Concen: 0.461 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV033672.D
Acq: 16 Jan 2024 15:47

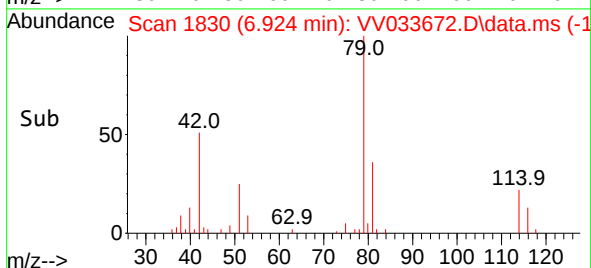
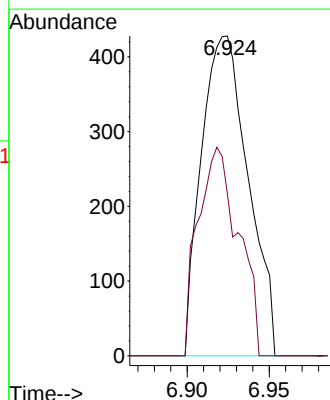
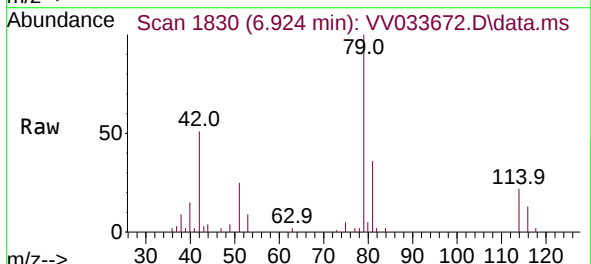
Instrument :
MSVOA_V
ClientSampleId :

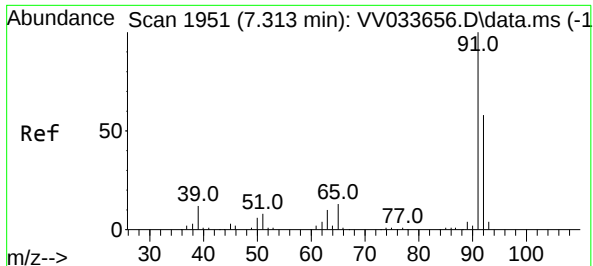
Tgt Ion: 63 Resp: 4152
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#39
cis-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 6.924 min Scan# 1830
Delta R.T. -0.029 min
Lab File: VV033672.D
Acq: 16 Jan 2024 15:47

Tgt Ion: 75 Resp: 849
Ion Ratio Lower Upper
75 100
77 50.7 22.5 41.7#





#42

Toluene

Concen: 0.515 ug/L

RT: 7.326 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VV033672.D

Acq: 16 Jan 2024 15:47

Instrument :

MSVOA_V

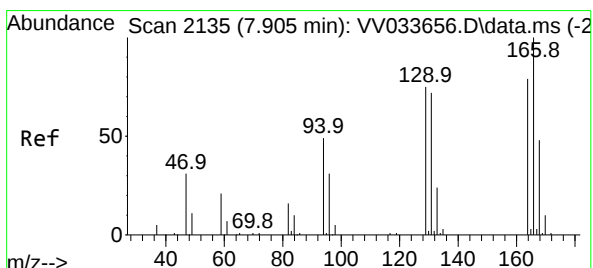
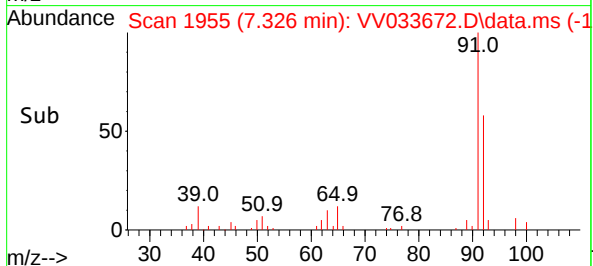
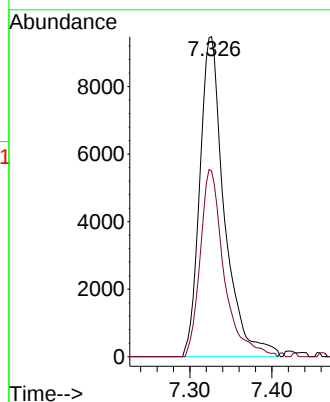
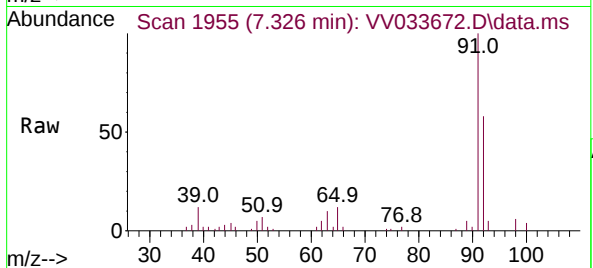
ClientSampleId :

Tgt Ion: 91 Resp: 19744

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.3



#47

Tetrachloroethene

Concen: 0.444 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV033672.D

Acq: 16 Jan 2024 15:47

Tgt Ion: 164 Resp: 3080

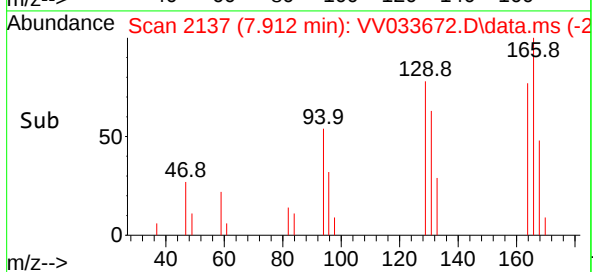
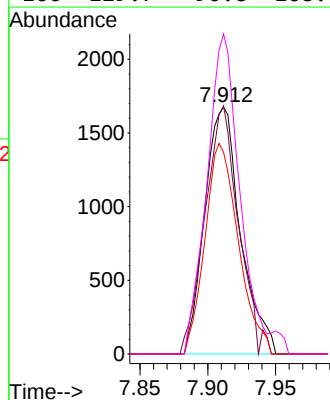
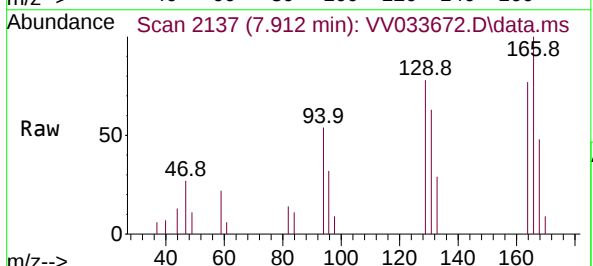
Ion Ratio Lower Upper

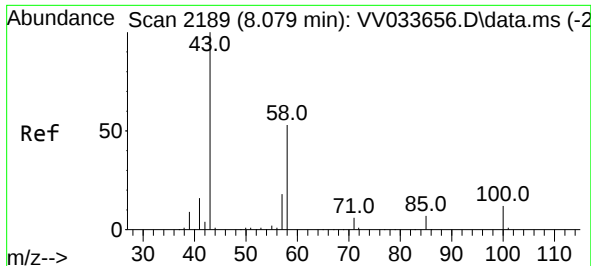
164 100

129 100.5 67.1 124.7

131 81.8 65.0 120.6

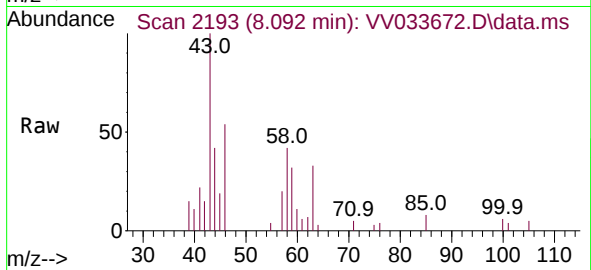
166 129.7 90.8 168.6



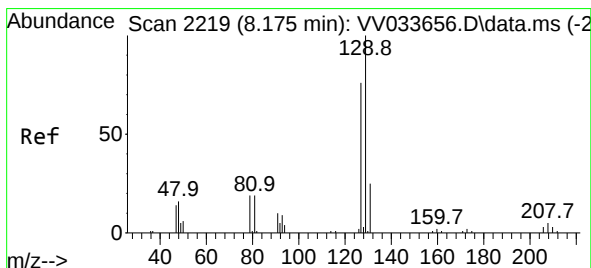
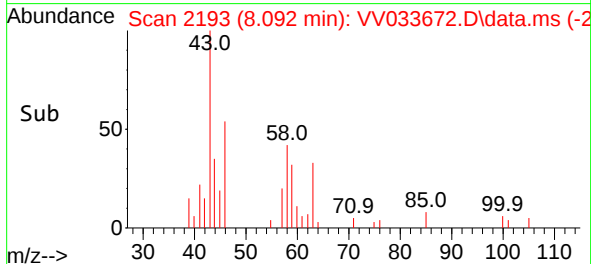
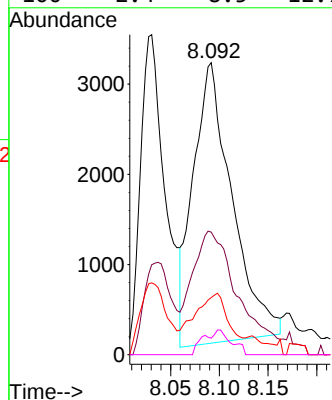


#48
2-Hexanone
Concen: 2.841 ug/L
RT: 8.092 min Scan# 2189
Delta R.T. 0.013 min
Lab File: VV033672.D
Acq: 16 Jan 2024 15:47

Instrument :
MSVOA_V
ClientSampleId :

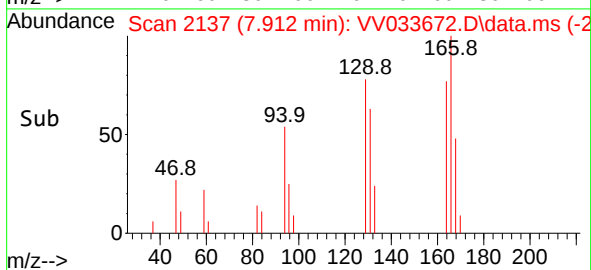
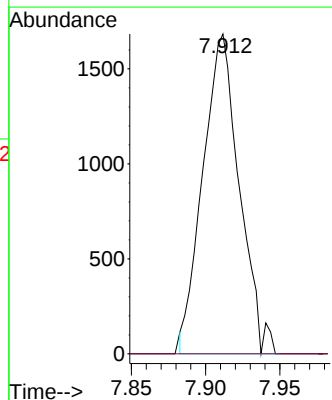
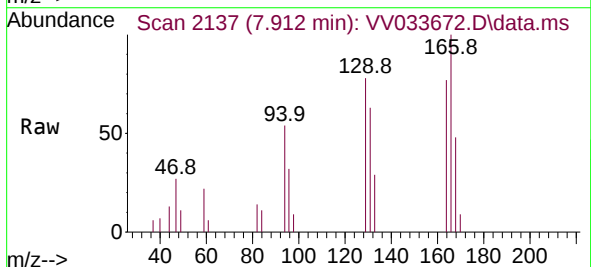


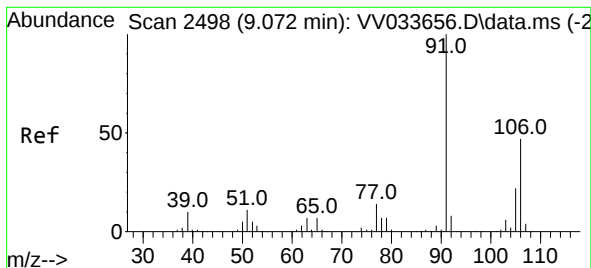
Tgt Ion: 43	Resp: 8614
Ion Ratio	Lower Upper
43 100	
58 52.5	40.6 61.0
57 0.0	13.8 20.8#
100 2.4	8.5 12.7#



#49
Dibromochloromethane
Concen: 0.462 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.264 min
Lab File: VV033672.D
Acq: 16 Jan 2024 15:47

Tgt Ion:129	Resp:	2876	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.6	99.6#





#53

m,p-Xylene

Concen: 0.078 ug/L

RT: 9.085 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV033672.D

Acq: 16 Jan 2024 15:47

Instrument :

MSVOA_V

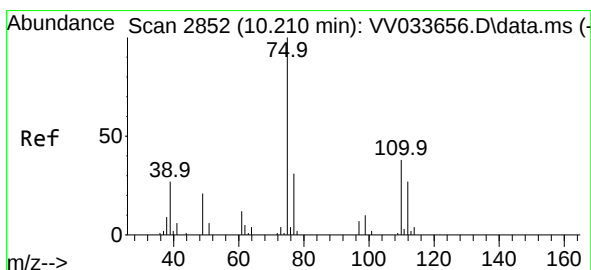
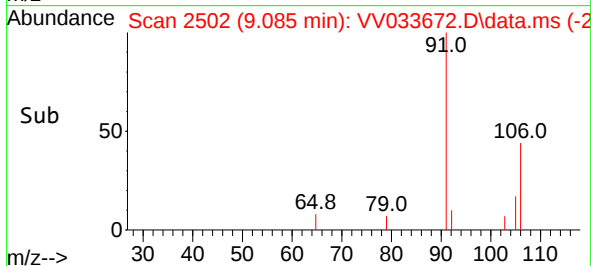
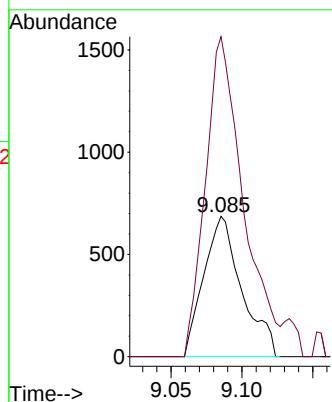
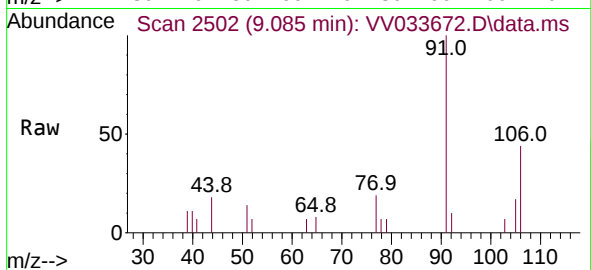
ClientSampleId :

Tgt Ion:106 Resp: 1281

Ion Ratio Lower Upper

106 100

91 228.1 146.2 271.4



#61

1,2,3-Trichloropropane

Concen: 1.617 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033672.D

Acq: 16 Jan 2024 15:47

Tgt Ion: 75 Resp: 6867

Ion Ratio Lower Upper

75 100

77 33.7 24.7 37.1

110 2.2 28.0 42.0#

