

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025131.D
 Acq On : 23 Mar 2022 14:46
 Operator : SY/MD
 Sample : N2044-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 24 01:16:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

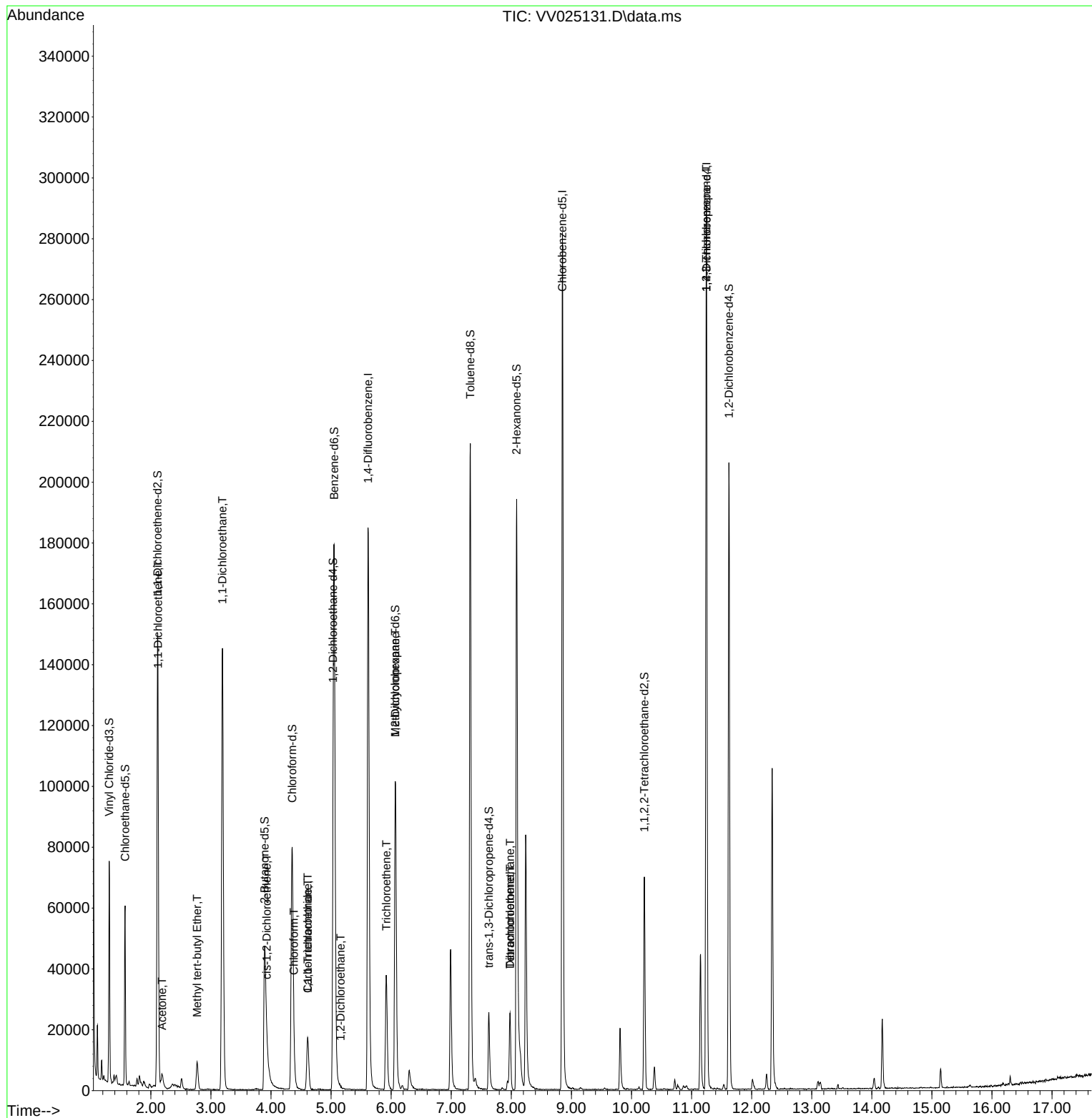
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	169200	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	158582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41658	3.119	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.571	69	36983	3.781	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.111	63	65649	3.041	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.892	46	91243	56.519	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.040%
24) Chloroform-d	4.352	84	86963	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.034	65	39385	4.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.050	84	176007	3.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.069	67	54018	4.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.317	98	148237	3.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	7.625	79	17118	3.712	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.088	63	72984	46.399	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34723	4.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	52833	4.138	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	20316	1.885	ug/L #	65
13) Acetone	2.188	43	7845	7.266	ug/L	83
17) Methyl tert-butyl Ether	2.770	73	9554	0.407	ug/L	97
19) 1,1-Dichloroethane	3.191	63	150249	6.806	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	936	0.071	ug/L	85
25) Chloroform	4.381	83	6039	0.263	ug/L	84
27) 1,2-Dichloroethane	5.156	62	928	0.081	ug/L #	71
29) 1,1,1-Trichloroethane	4.609	97	15051	0.744	ug/L	100
31) Carbon tetrachloride	4.609	117	1779	0.103	ug/L	99
34) Trichloroethene	5.918	95	13756	1.002	ug/L	96
35) Methylcyclohexane	6.069	83	12813	0.589	ug/L #	30
47) Tetrachloroethene	7.979	164	5612	0.581	ug/L	96
49) Dibromochloromethane	7.979	129	6035	0.681	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	9239	1.457	ug/L #	66

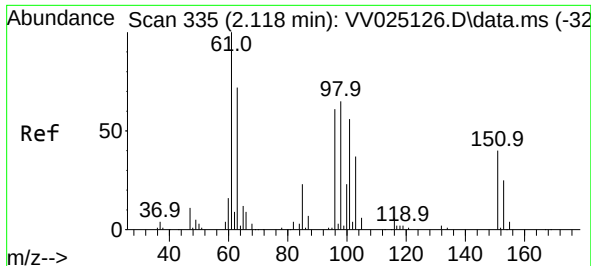
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#12

1,1-Dichloroethene

Concen: 1.885 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025131.D

Acq: 23 Mar 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

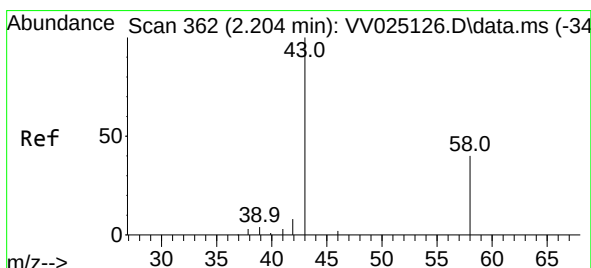
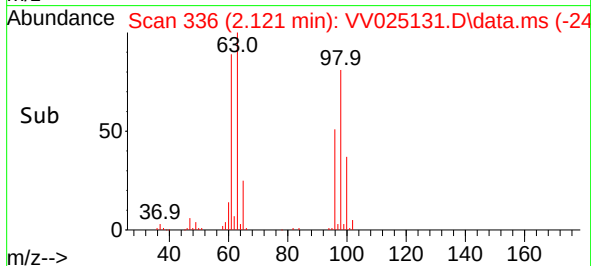
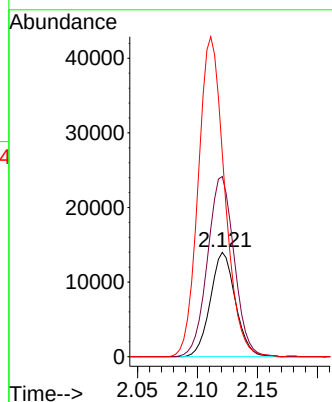
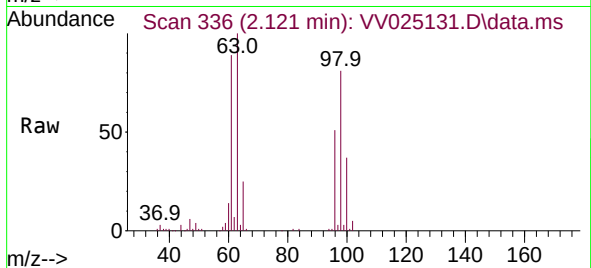
Tgt Ion: 96 Resp: 20316

Ion Ratio Lower Upper

96 100

61 172.8 113.0 209.9

63 195.2 82.1 152.5#



#13

Acetone

Concen: 7.266 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.016 min

Lab File: VV025131.D

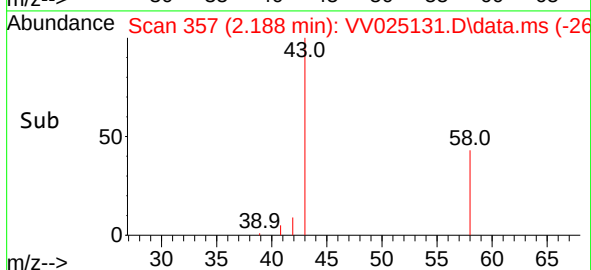
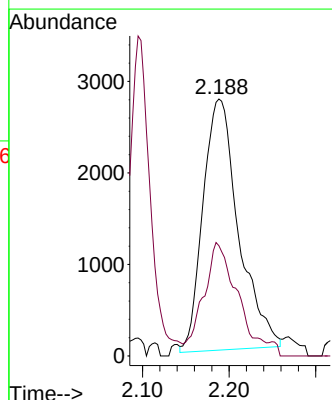
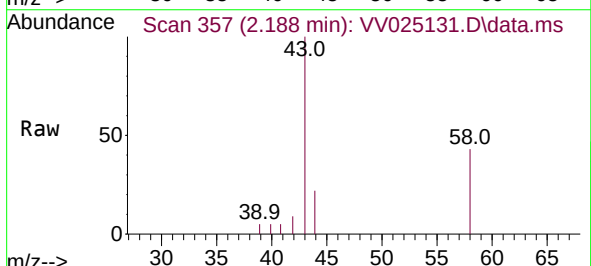
Acq: 23 Mar 2022 14:46

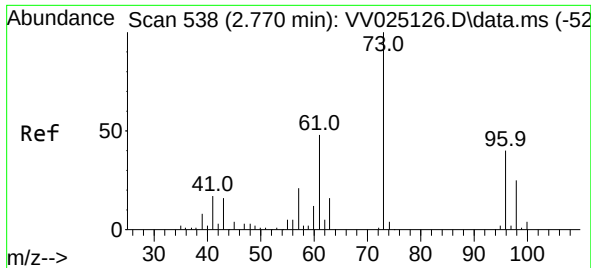
Tgt Ion: 43 Resp: 7845

Ion Ratio Lower Upper

43 100

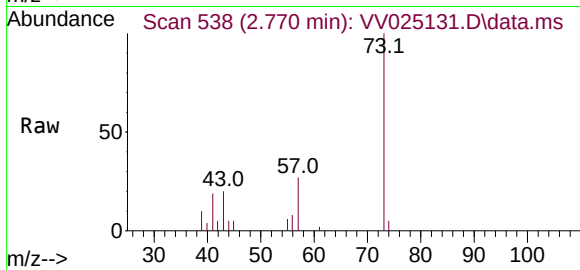
58 35.8 0.0 54.2



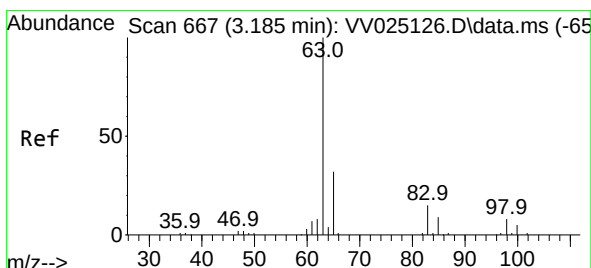
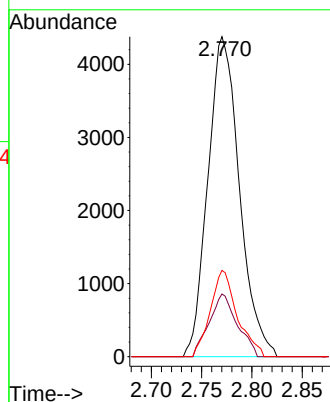
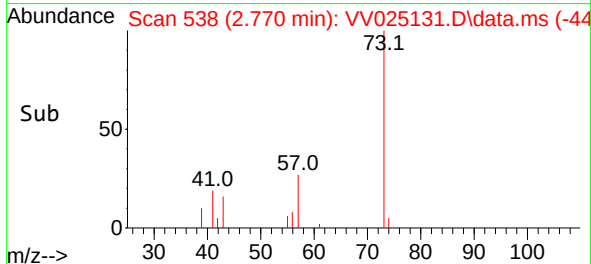


#17
Methyl tert-butyl Ether
Concen: 0.407 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025131.D
Acq: 23 Mar 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

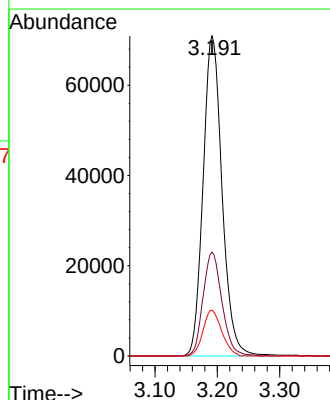
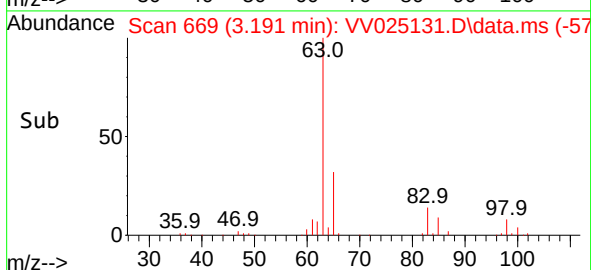
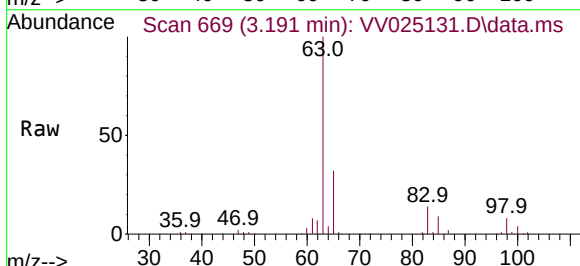


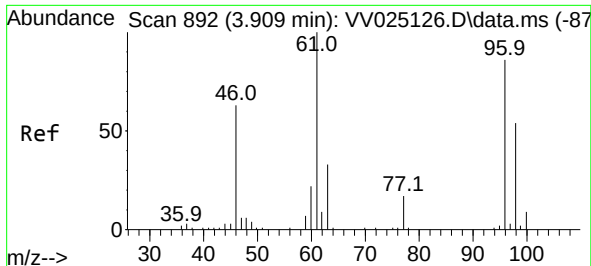
Tgt Ion: 73	Resp: 9554
Ion Ratio	Lower Upper
73	100
43	17.4 13.2 19.8
57	22.9 16.7 25.1



#19
1,1-Dichloroethane
Concen: 6.806 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV025131.D
Acq: 23 Mar 2022 14:46

Tgt Ion: 63	Resp: 150249
Ion Ratio	Lower Upper
63	100
65	32.5 22.2 41.2
83	14.3 9.4 17.4

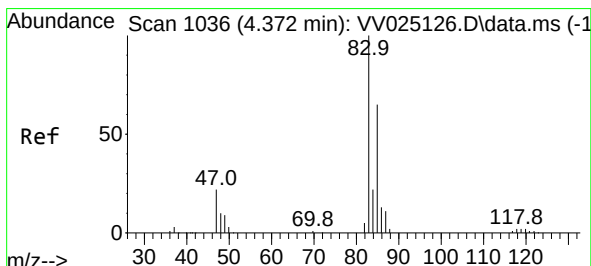
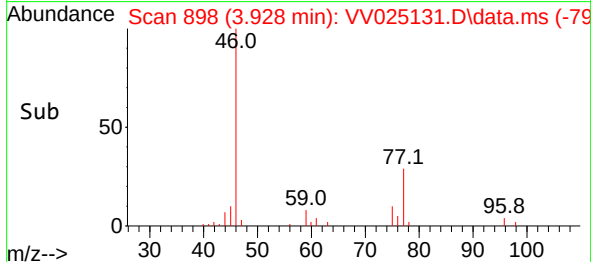
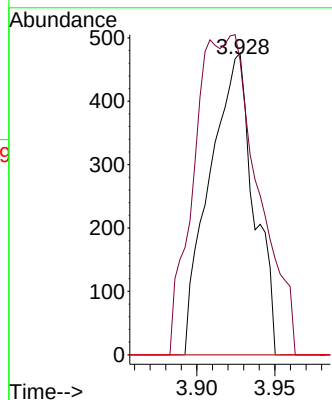
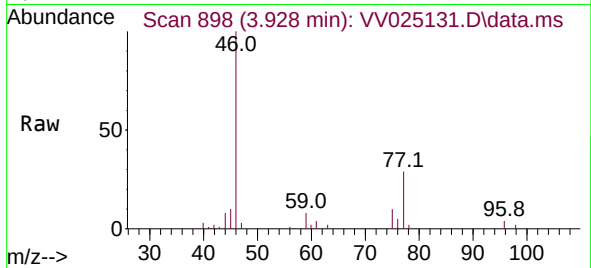




#22
 cis-1,2-Dichloroethene
 Concen: 0.071 ug/L
 RT: 3.928 min Scan# 89
 Delta R.T. 0.019 min
 Lab File: VV025131.D
 Acq: 23 Mar 2022 14:46

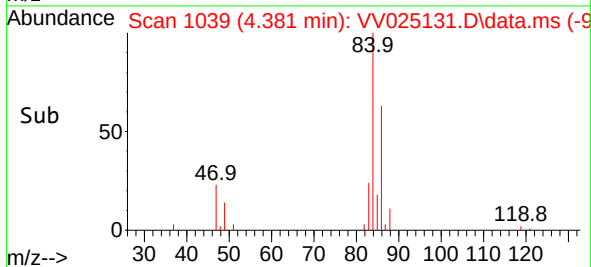
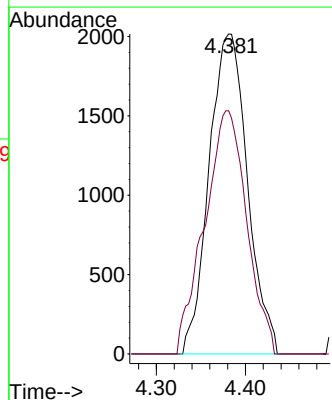
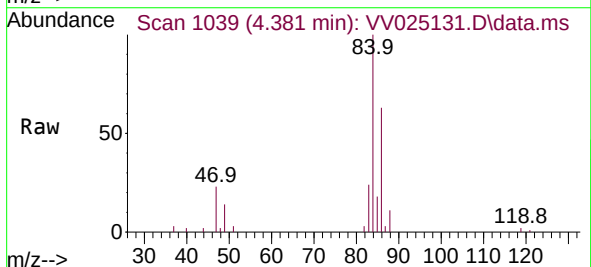
Instrument :
 MSVOA_V
 ClientSampleId :

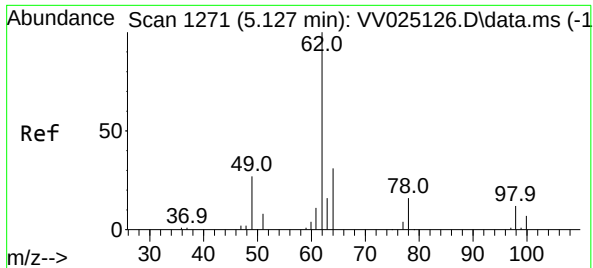
Tgt Ion: 96 Resp: 936
 Ion Ratio Lower Upper
 96 100
 61 97.7 79.7 147.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.263 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.010 min
 Lab File: VV025131.D
 Acq: 23 Mar 2022 14:46

Tgt Ion: 83 Resp: 6039
 Ion Ratio Lower Upper
 83 100
 85 76.0 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.081 ug/L

RT: 5.156 min Scan# 11

Delta R.T. 0.029 min

Lab File: VV025131.D

Acq: 23 Mar 2022 14:46

Instrument :

MSVOA_V

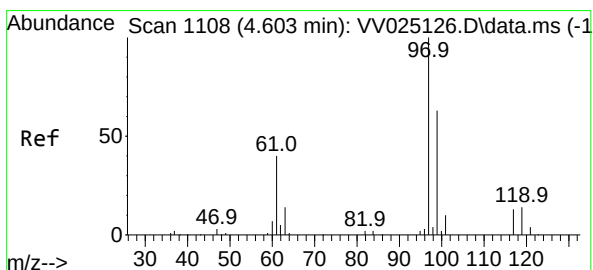
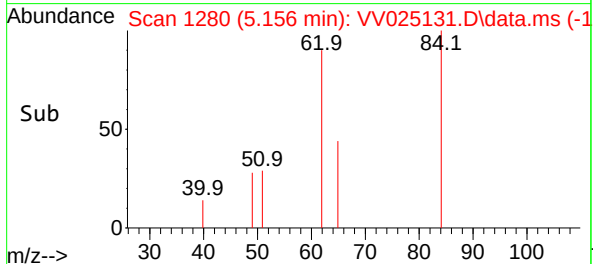
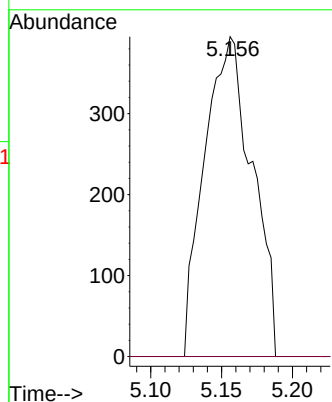
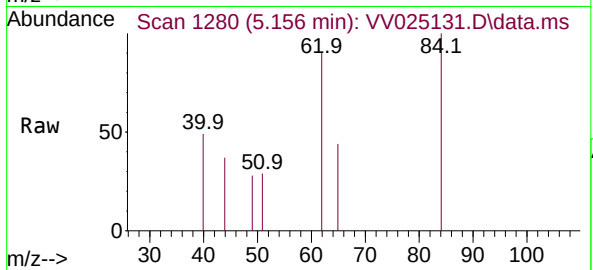
ClientSampleId :

Tgt Ion: 62 Resp: 928

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#29

1,1,1-Trichloroethane

Concen: 0.744 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV025131.D

Acq: 23 Mar 2022 14:46

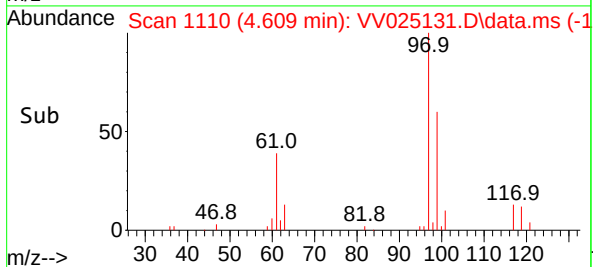
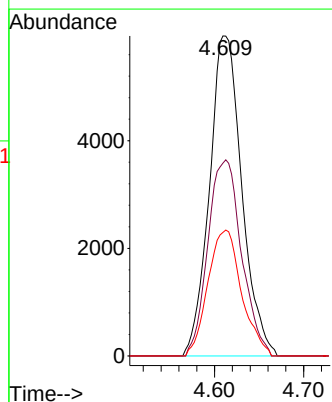
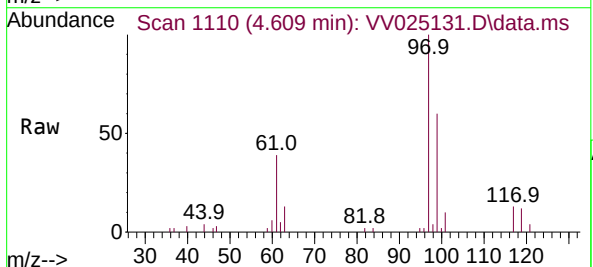
Tgt Ion: 97 Resp: 15051

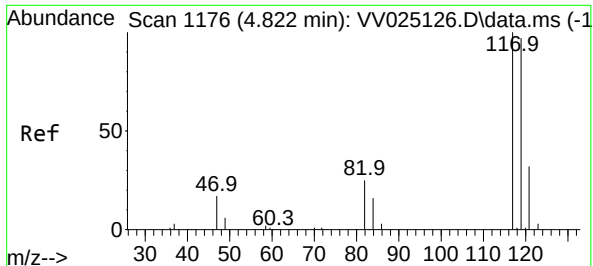
Ion Ratio Lower Upper

97 100

99 63.5 50.7 76.1

61 40.8 32.4 48.6

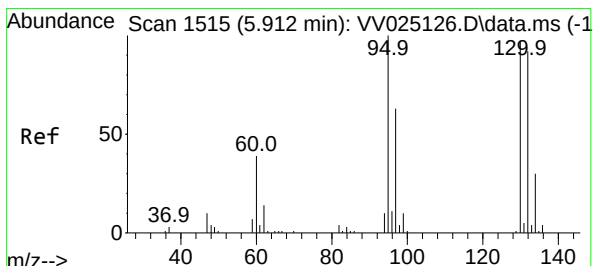
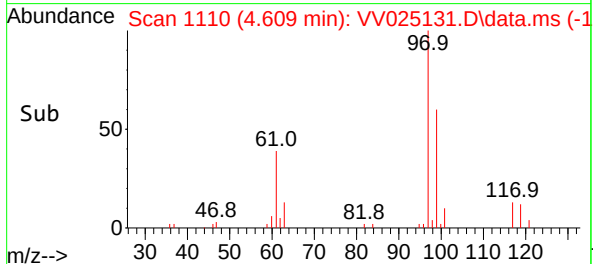
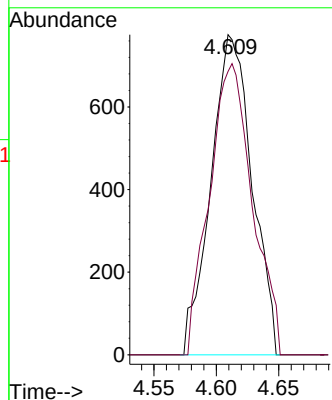
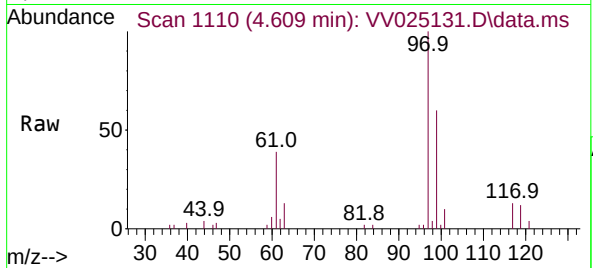




#31
Carbon tetrachloride
Concen: 0.103 ug/L
RT: 4.609 min Scan# 1176
Delta R.T. -0.212 min
Lab File: VV025131.D
Acq: 23 Mar 2022 14:46

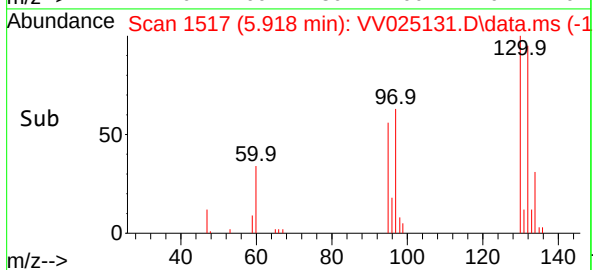
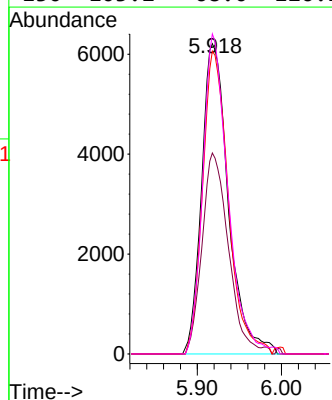
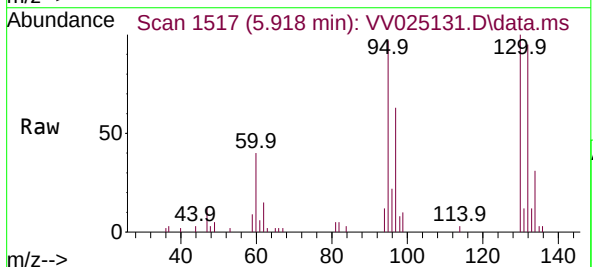
Instrument :
MSVOA_V
ClientSampleId :

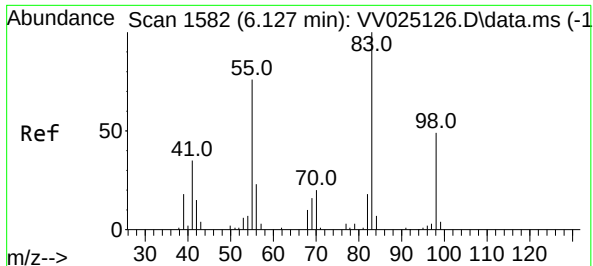
Tgt Ion:117 Resp: 1779
Ion Ratio Lower Upper
117 100
119 95.1 76.8 115.2



#34
Trichloroethene
Concen: 1.002 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025131.D
Acq: 23 Mar 2022 14:46

Tgt Ion: 95 Resp: 13756
Ion Ratio Lower Upper
95 100
97 64.8 44.5 82.7
132 97.6 66.5 123.5
130 103.2 68.0 126.2





#35

Methylcyclohexane

Concen: 0.589 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV025131.D

Acq: 23 Mar 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

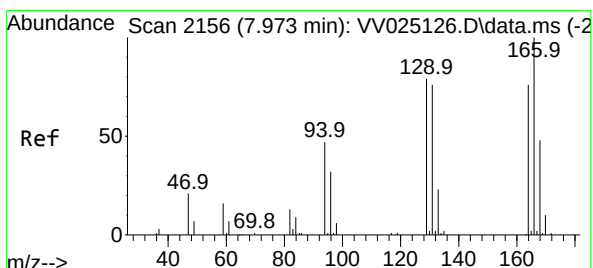
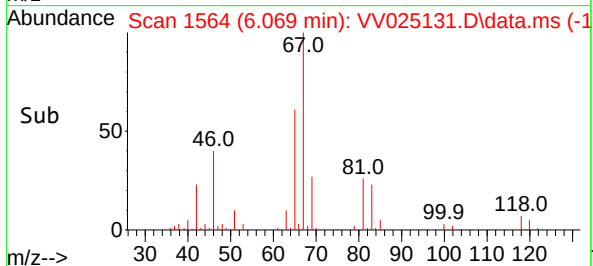
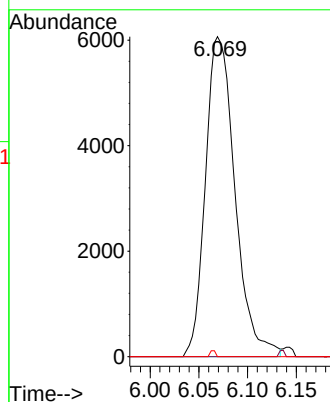
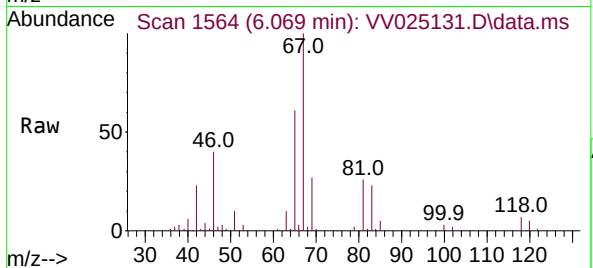
Tgt Ion: 83 Resp: 12813

Ion Ratio Lower Upper

83 100

55 0.4 55.4 83.0#

98 15.5 38.4 57.6#



#47

Tetrachloroethene

Concen: 0.581 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025131.D

Acq: 23 Mar 2022 14:46

Tgt Ion:164 Resp: 5612

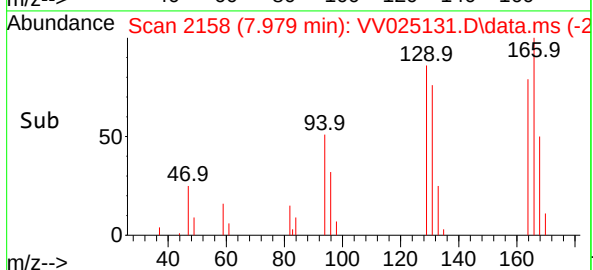
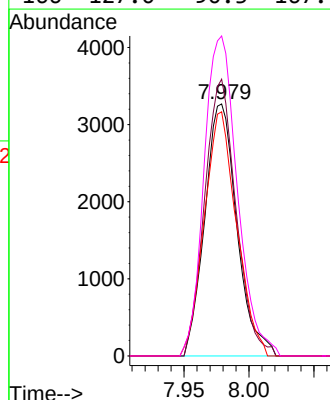
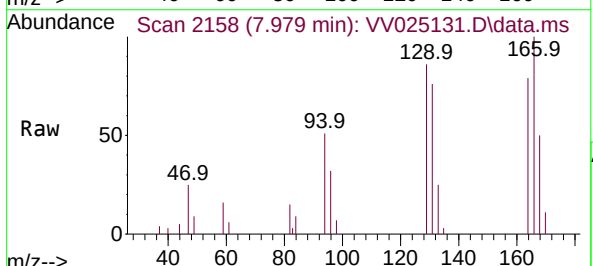
Ion Ratio Lower Upper

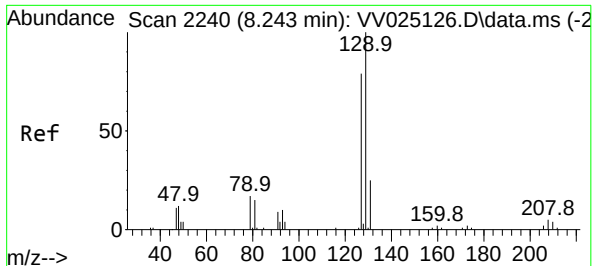
164 100

129 109.8 70.3 130.7

131 96.9 69.4 129.0

166 127.0 90.3 167.7





#49

Dibromochloromethane

Concen: 0.681 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025131.D

Acq: 23 Mar 2022 14:46

Instrument :

MSVOA_V

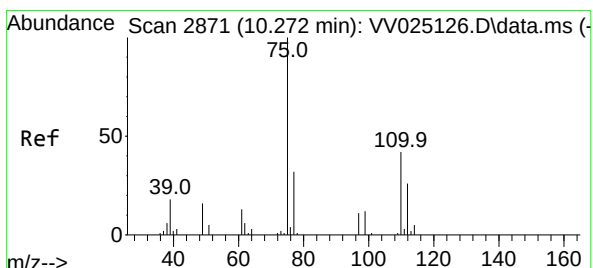
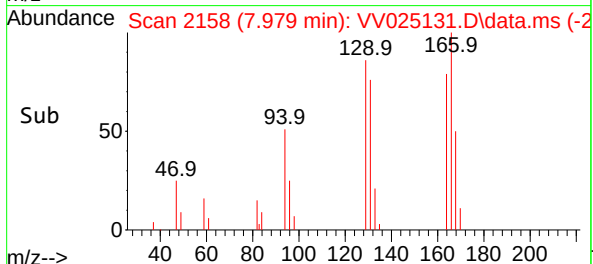
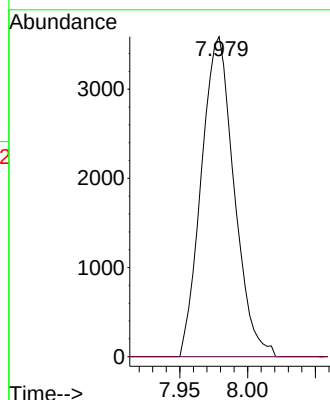
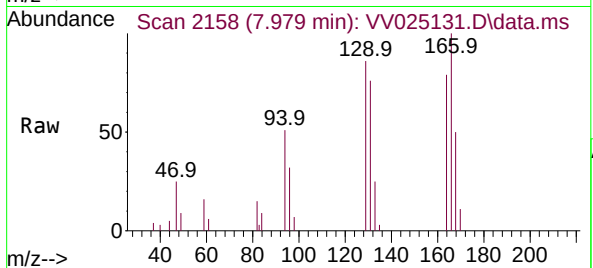
ClientSampleId :

Tgt Ion:129 Resp: 6035

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#61

1,2,3-Trichloropropane

Concen: 1.457 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025131.D

Acq: 23 Mar 2022 14:46

Tgt Ion: 75 Resp: 9239

Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

110 2.0 31.2 46.8#

