

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025207.D
 Acq On : 26 Mar 2022 18:46
 Operator : SY/MD
 Sample : N2097-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD0

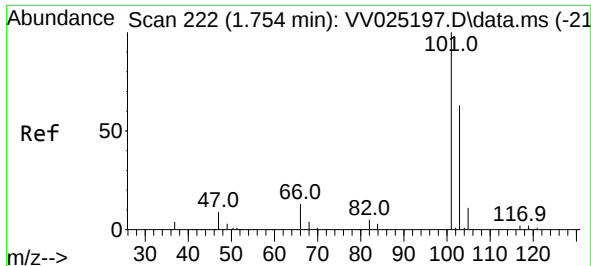
Quant Time: Mar 28 02:03:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:44:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	150190	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	144357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62323	4.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.568	69	56024	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.111	63	95492	3.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.899	46	65097	46.583	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.160%
24) Chloroform-d	4.352	84	88311	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.034	65	40057	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.053	84	179481	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.072	67	51439	5.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.317	98	156012	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.622	79	14651	4.388	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.091	63	55982	46.423	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32140	4.709	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	50701	5.119	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.757	101	2650	0.099	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	9456	0.596	ug/L	97
12) 1,1-Dichloroethene	2.121	96	2698	0.178	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	20502	1.072	ug/L	98
19) 1,1-Dichloroethane	3.198	63	7441	0.411	ug/L	96
25) Chloroform	4.378	83	15970	0.794	ug/L	99
27) 1,2-Dichloroethane	5.053	62	1002	0.097	ug/L #	73
29) 1,1,1-Trichloroethane	4.612	97	19901	1.140	ug/L	99
31) Carbon tetrachloride	4.609	117	1635	0.108	ug/L #	33
34) Trichloroethene	5.918	95	30533	2.626	ug/L	99
35) Methylcyclohexane	6.069	83	12209	0.670	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	5857	0.596	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1372	0.108	ug/L #	76
47) Tetrachloroethene	7.976	164	7445	0.868	ug/L	89
49) Dibromochloromethane	7.976	129	7303	1.009	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7829	1.678	ug/L #	63

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

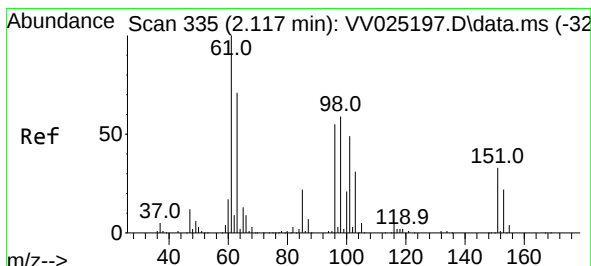
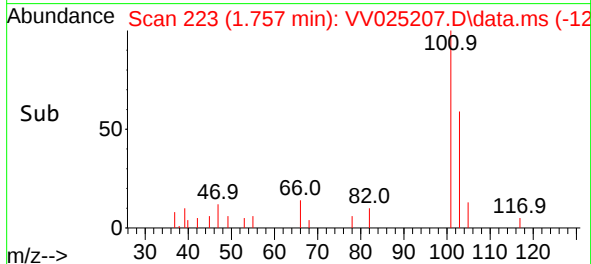
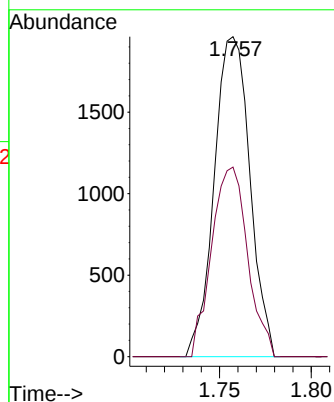
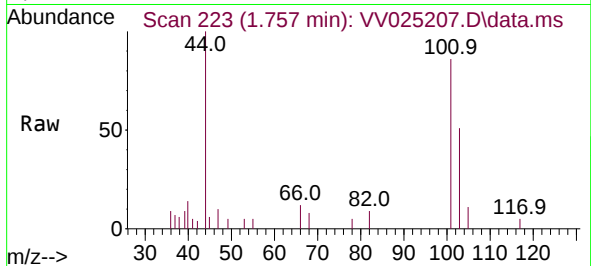
Instrument :
MSVOA_V
ClientSampleId :
C0AD0



#9
Trichlorofluoromethane
Concen: 0.099 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

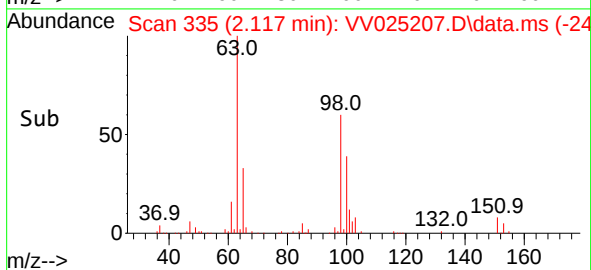
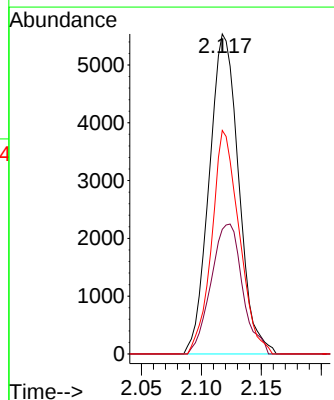
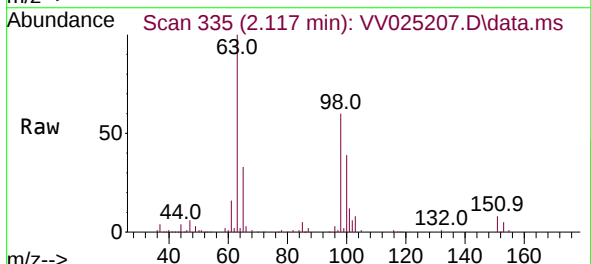
Instrument :
MSVOA_V
ClientSampleId :
C0AD0

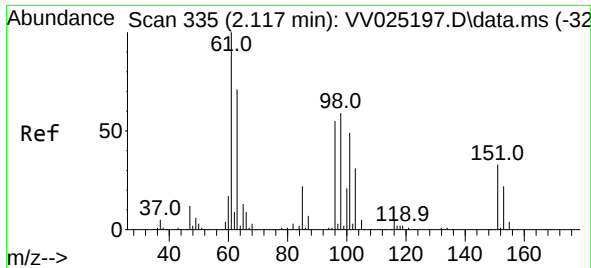
Tgt Ion:101 Resp: 2650
Ion Ratio Lower Upper
101 100
103 59.7 52.2 78.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.596 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

Tgt Ion:101 Resp: 9456
Ion Ratio Lower Upper
101 100
85 43.2 36.0 54.0
151 65.2 54.6 81.8

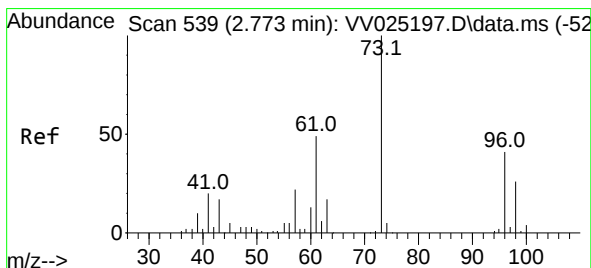
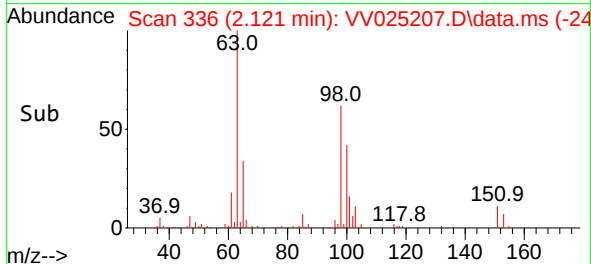
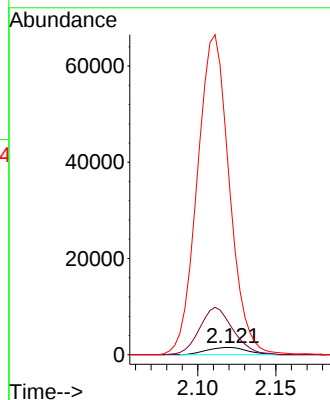
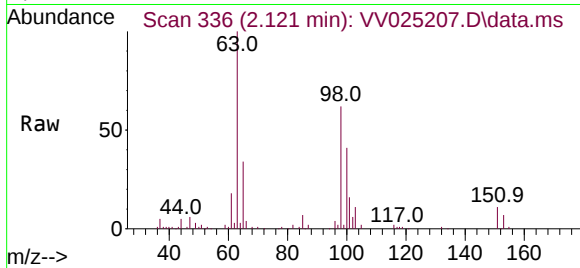




#12
1,1-Dichloroethene
Concen: 0.178 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

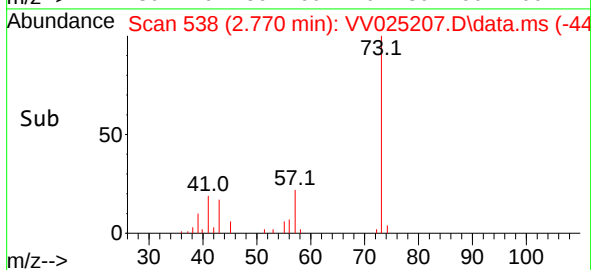
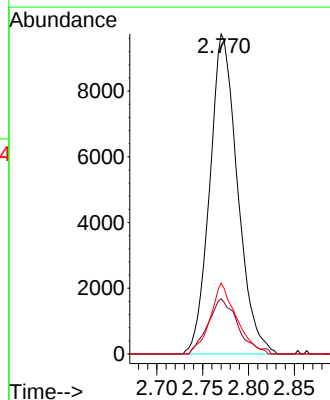
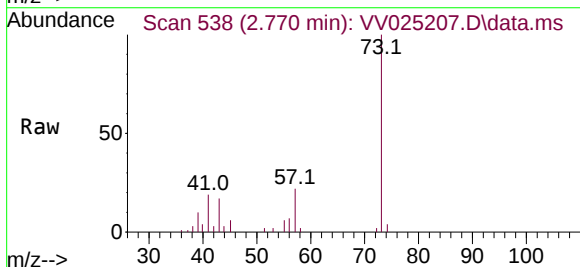
Instrument :
MSVOA_V
ClientSampleId :
C0AD0

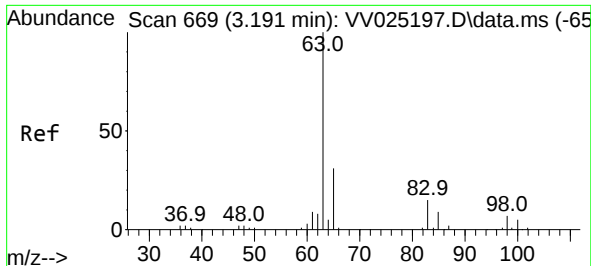
Tgt Ion: 96 Resp: 2698
Ion Ratio Lower Upper
96 100
61 411.2 121.5 225.7#
63 2242.2 77.9 144.7#



#17
Methyl tert-butyl Ether
Concen: 1.072 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

Tgt Ion: 73 Resp: 20502
Ion Ratio Lower Upper
73 100
43 18.7 13.5 20.3
57 20.9 16.4 24.6





#19

1,1-Dichloroethane

Concen: 0.411 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025207.D

Acq: 26 Mar 2022 18:46

Instrument :

MSVOA_V

ClientSampleId :

C0AD0

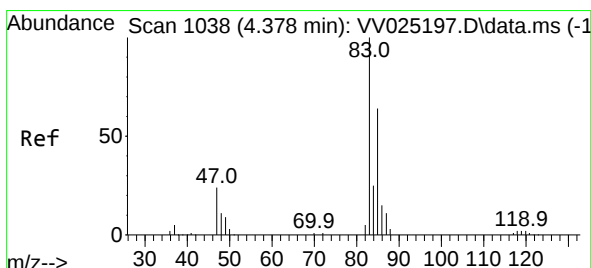
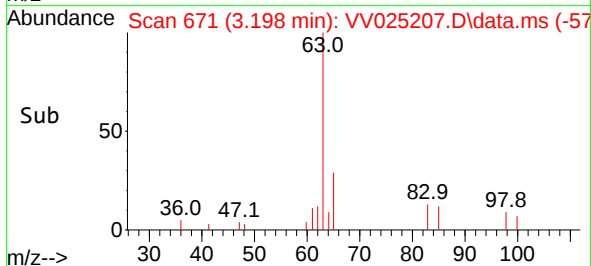
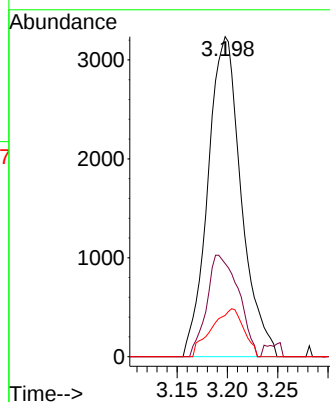
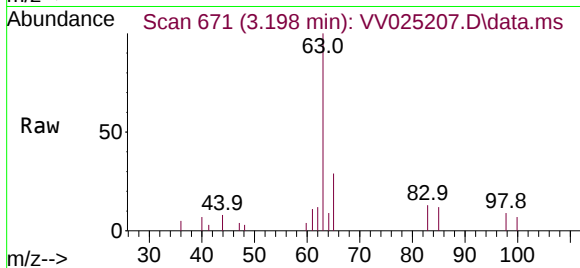
Tgt Ion: 63 Resp: 7441

Ion Ratio Lower Upper

63 100

65 29.1 22.0 40.8

83 12.9 10.2 19.0



#25

Chloroform

Concen: 0.794 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV025207.D

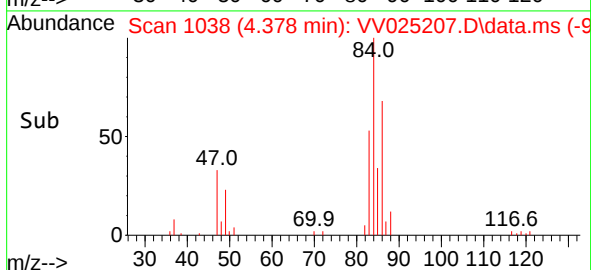
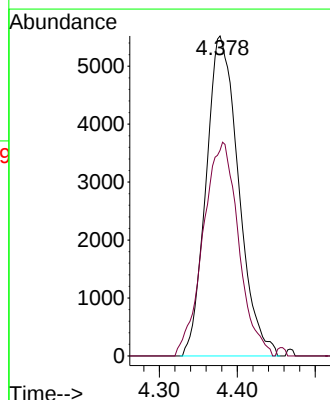
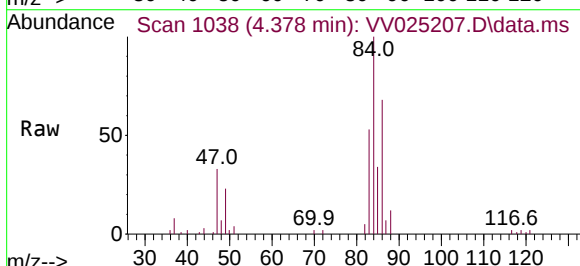
Acq: 26 Mar 2022 18:46

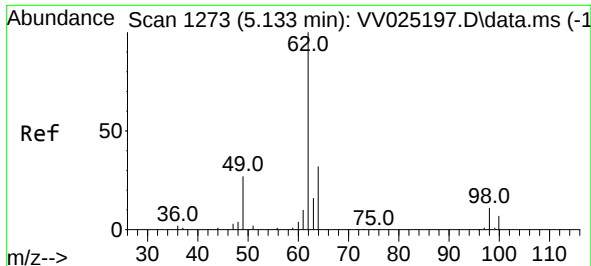
Tgt Ion: 83 Resp: 15970

Ion Ratio Lower Upper

83 100

85 64.3 44.7 82.9





#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV025207.D

Acq: 26 Mar 2022 18:46

Instrument :

MSVOA_V

ClientSampleId :

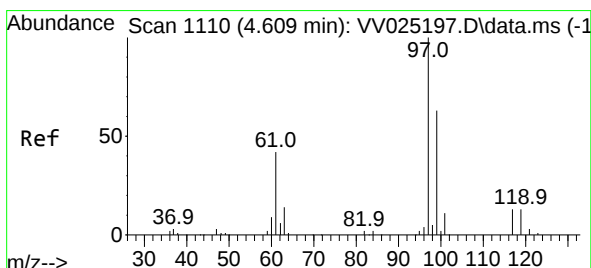
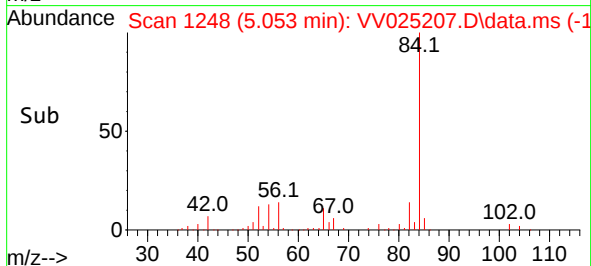
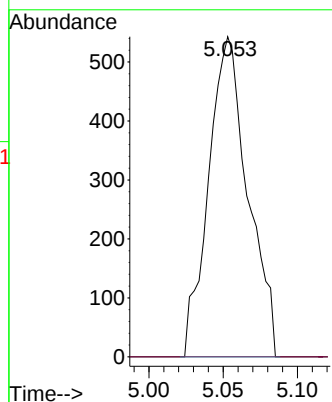
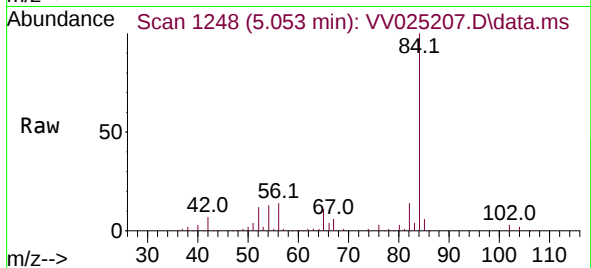
C0AD0

Tgt Ion: 62 Resp: 1002

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#29

1,1,1-Trichloroethane

Concen: 1.140 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV025207.D

Acq: 26 Mar 2022 18:46

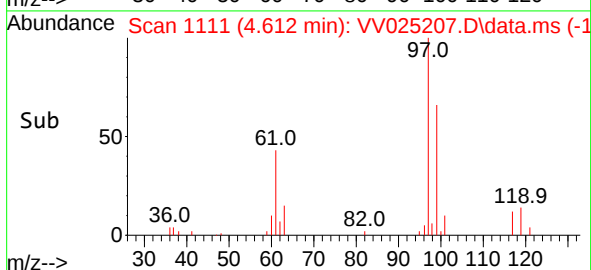
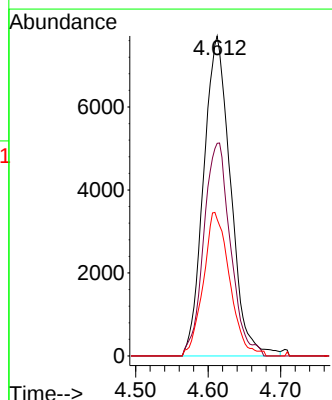
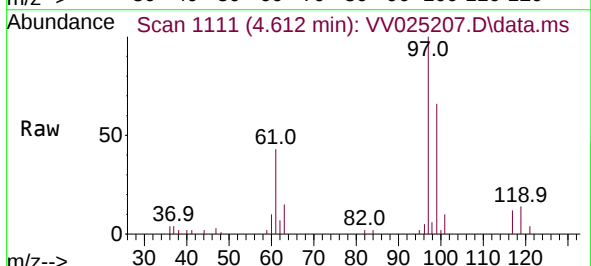
Tgt Ion: 97 Resp: 19901

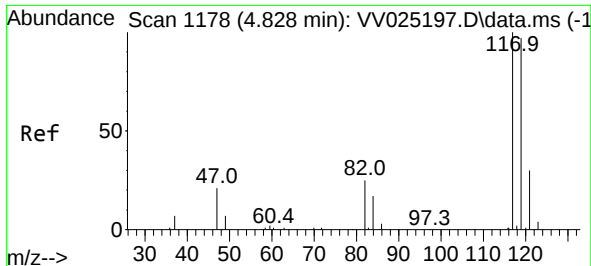
Ion Ratio Lower Upper

97 100

99 66.0 51.9 77.9

61 43.7 34.2 51.2

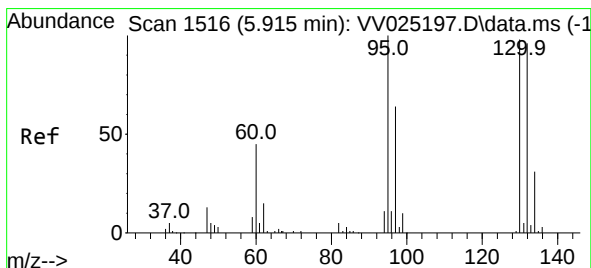
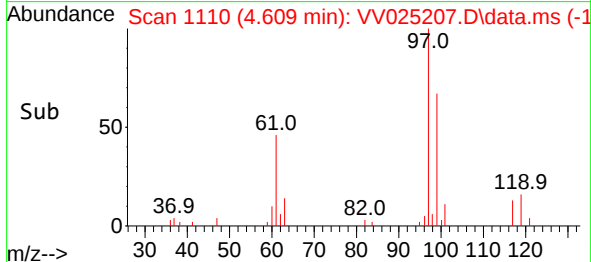
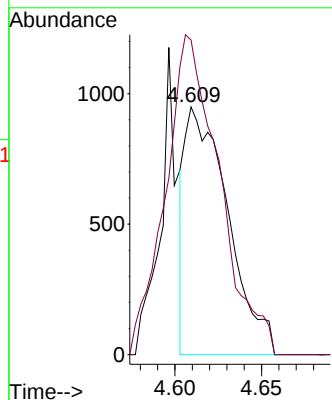
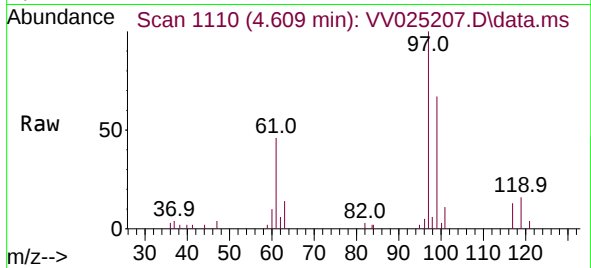




#31
Carbon tetrachloride
Concen: 0.108 ug/L
RT: 4.609 min Scan# 1178
Delta R.T. -0.219 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

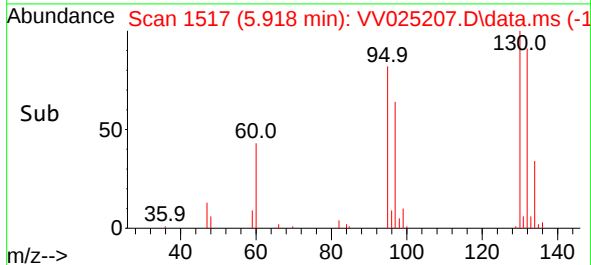
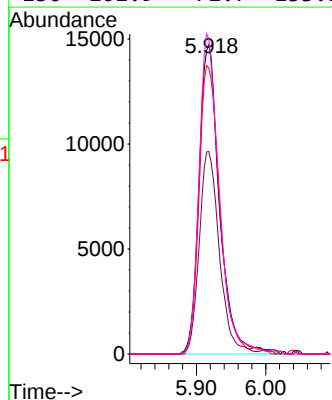
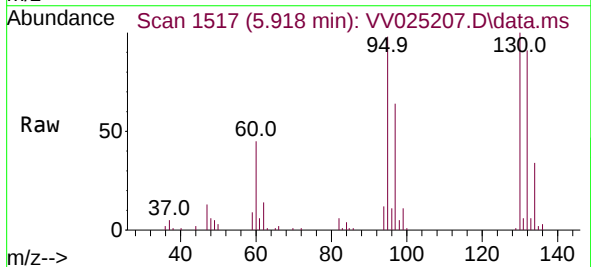
Instrument :
MSVOA_V
ClientSampleId :
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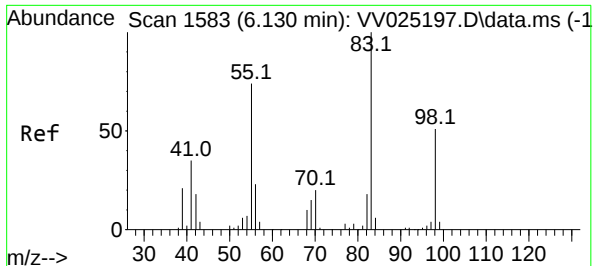
Tgt Ion:117 Resp: 1635
Ion Ratio Lower Upper
117 100
119 162.7 77.8 116.6#



#34
Trichloroethene
Concen: 2.626 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

Tgt Ion: 95 Resp: 30533
Ion Ratio Lower Upper
95 100
97 65.5 46.3 85.9
132 92.5 65.2 121.2
130 101.9 71.7 133.1

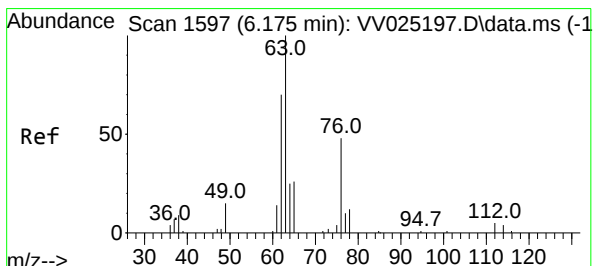
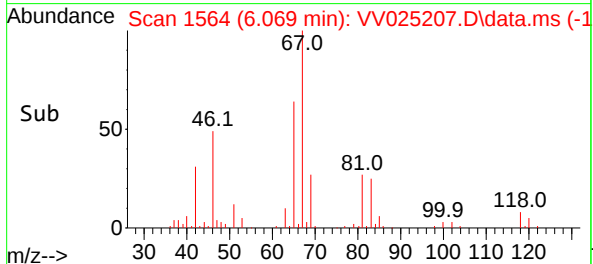
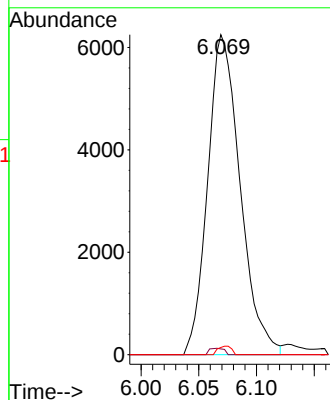
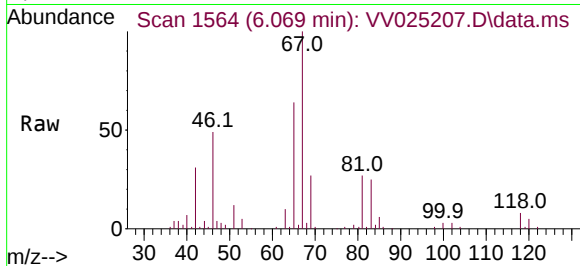




#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

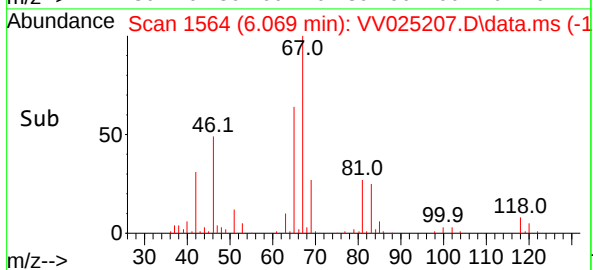
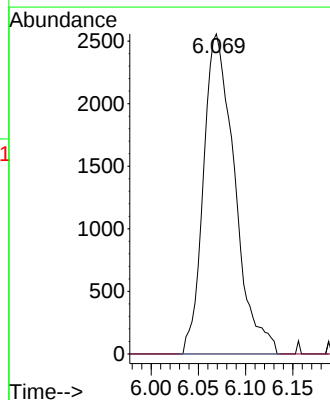
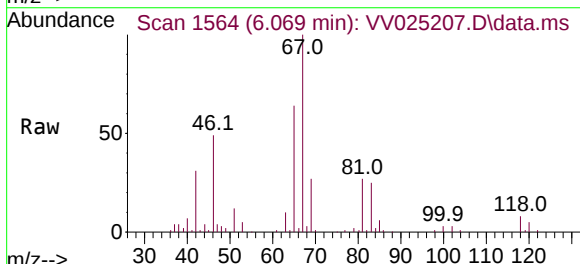
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MSVOA_V
ClientSampleId :
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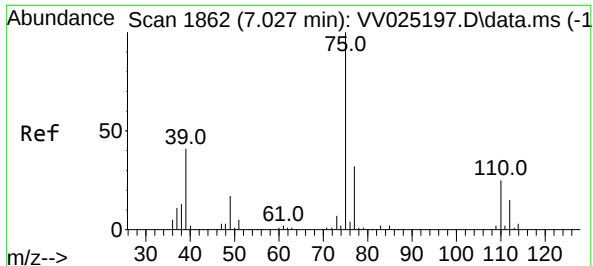
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.9	54.6	81.8#
98	1.1	39.8	59.6#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 6.992 min Scan# 1862

Delta R.T. -0.035 min

Lab File: VV025207.D

Acq: 26 Mar 2022 18:46

Instrument :

MSVOA_V

ClientSampleId :

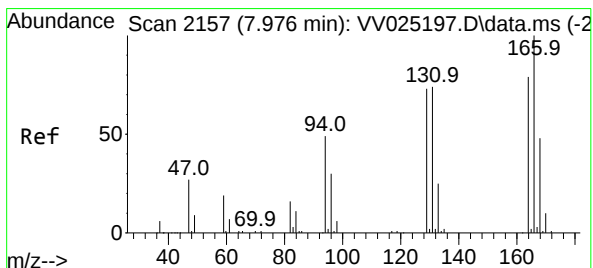
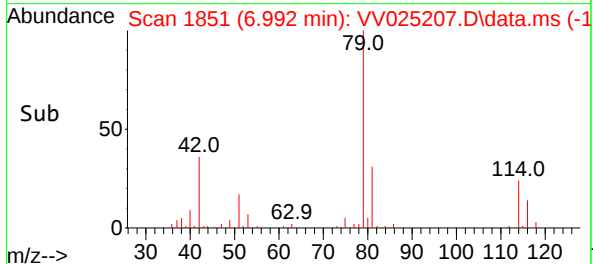
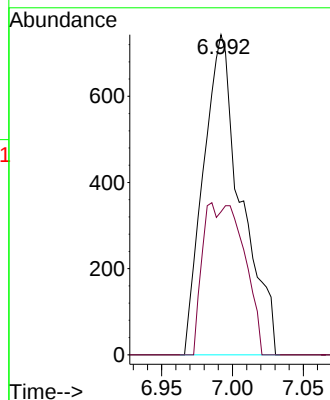
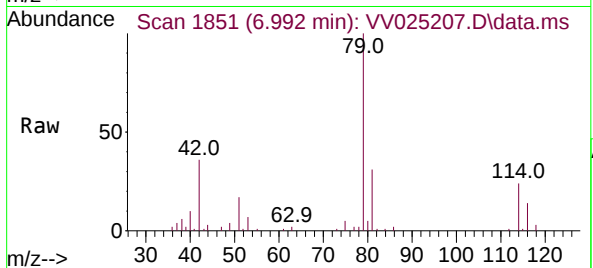
C0AD0

Tgt Ion: 75 Resp: 1372

Ion Ratio Lower Upper

75 100

77 44.7 22.1 41.1#



#47

Tetrachloroethene

Concen: 0.868 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025207.D

Acq: 26 Mar 2022 18:46

Tgt Ion: 164 Resp: 7445

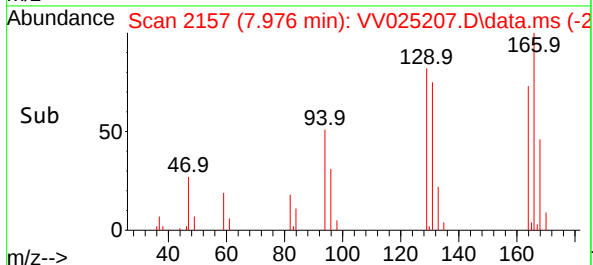
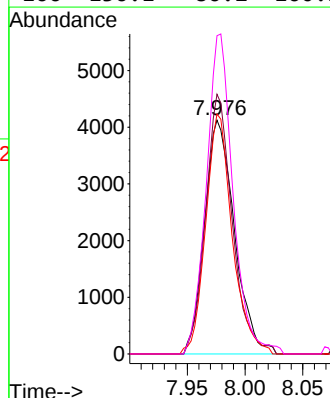
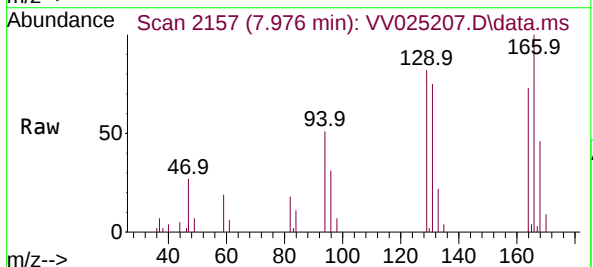
Ion Ratio Lower Upper

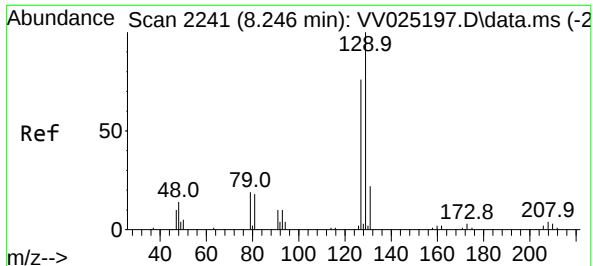
164 100

129 111.1 67.5 125.4

131 102.6 68.0 126.4

166 136.1 86.2 160.2





#49

Dibromochloromethane

Concen: 1.009 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025207.D

Acq: 26 Mar 2022 18:46

Instrument :

MSVOA_V

ClientSampleId :

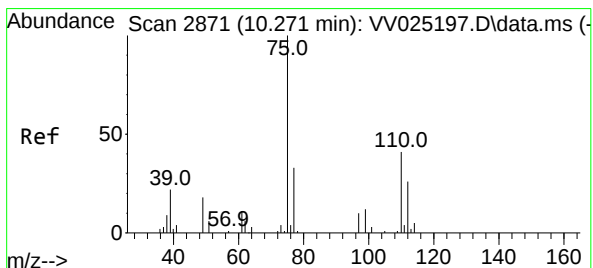
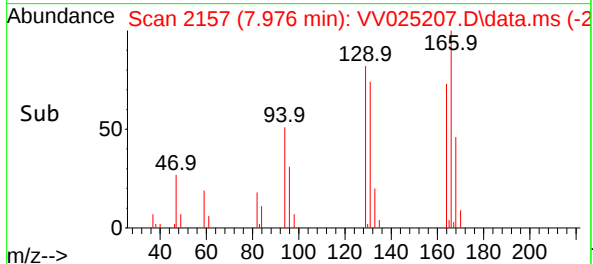
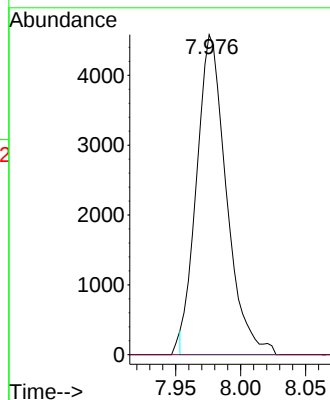
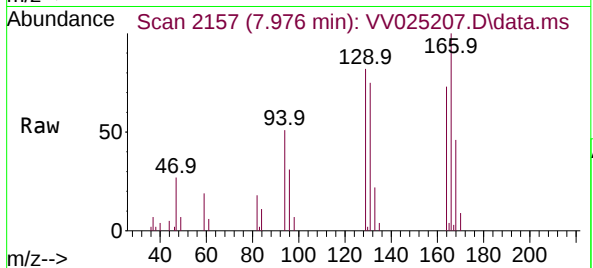
C0AD0

Tgt Ion:129 Resp: 7303

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.678 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025207.D

Acq: 26 Mar 2022 18:46

Tgt Ion: 75 Resp: 7829

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.6

110 1.6 31.6 47.4#

