

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025180.D
 Acq On : 25 Mar 2022 15:42
 Operator : SY/MD
 Sample : N2097-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD1

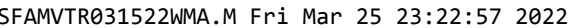
Quant Time: Mar 25 23:22:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

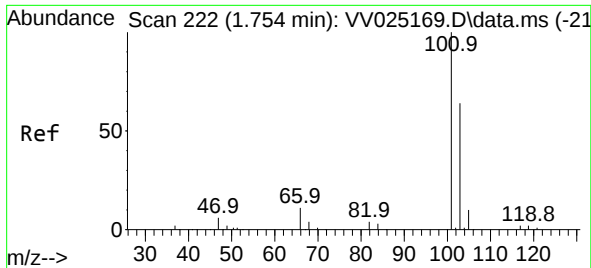
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	138788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	132932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40701	3.715	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.568	69	39515	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.108	63	57754	3.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.896	46	98100	74.082	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.160%#
24) Chloroform-d	4.352	84	95425	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.034	65	42402	5.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.050	84	186975	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.069	67	59414	5.358	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.317	98	156075	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.625	79	15881	4.108	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.088	63	76274	57.847	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40508	6.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.200%#
66) 1,2-Dichlorobenzene-d4	11.622	152	57838	5.831	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
9) Trichlorofluoromethane	1.754	101	2498	0.151	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	8805	0.978	ug/L	98
12) 1,1-Dichloroethene	2.118	96	3155	0.357	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	28867	1.499	ug/L	98
19) 1,1-Dichloroethane	3.195	63	10249	0.566	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	472	0.044	ug/L	82
25) Chloroform	4.378	83	22958	1.218	ug/L	99
27) 1,2-Dichloroethane	5.047	62	739	0.079	ug/L #	71
29) 1,1,1-Trichloroethane	4.609	97	43714	2.579	ug/L	99
31) Carbon tetrachloride	4.606	117	6107	0.420	ug/L	97
35) Methylcyclohexane	6.069	83	14850	0.815	ug/L #	23
37) 1,2-Dichloropropane	6.069	63	5857	0.589	ug/L #	86
61) 1,2,3-Trichloropropane	11.246	75	6739	1.368	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.249	75	284	0.336	ug/L #	1

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

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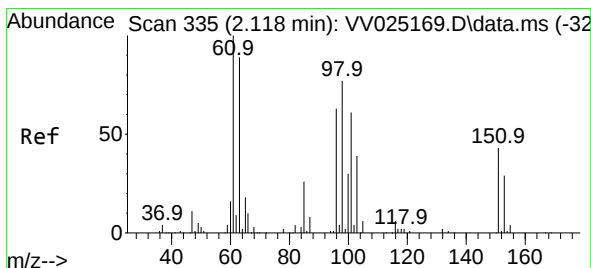
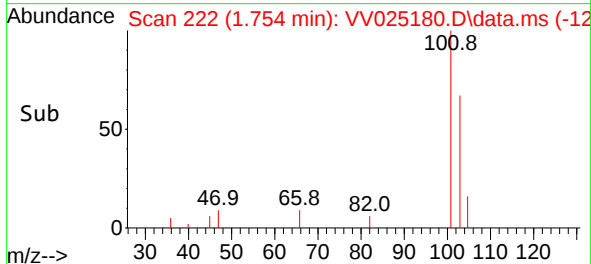
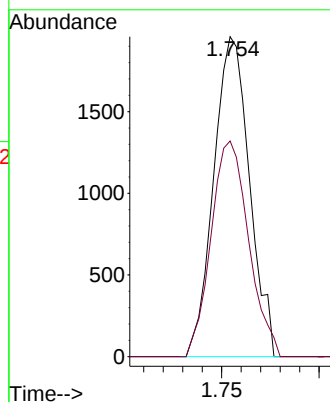
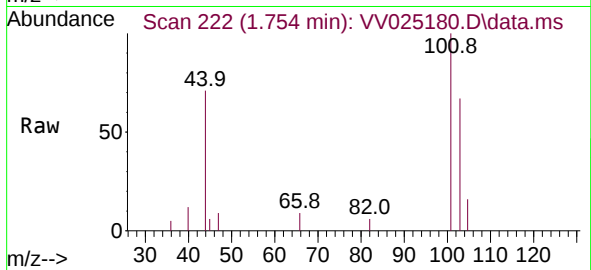




#9
 Trichlorofluoromethane
 Concen: 0.151 ug/L
 RT: 1.754 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VV025180.D
 Acq: 25 Mar 2022 15:42

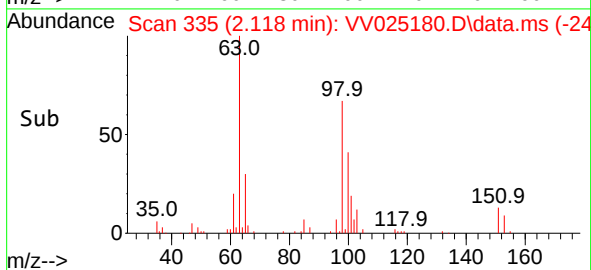
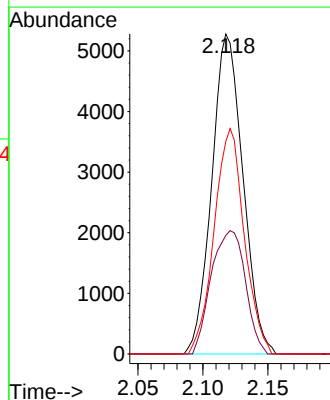
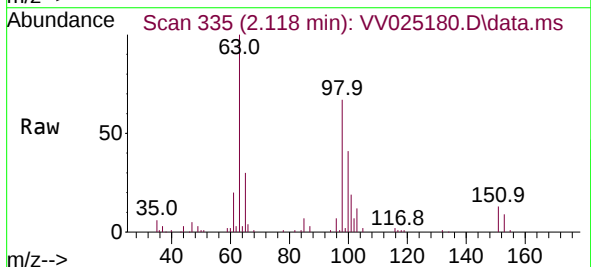
Instrument :
 MSVOA_V
 ClientSampleId :
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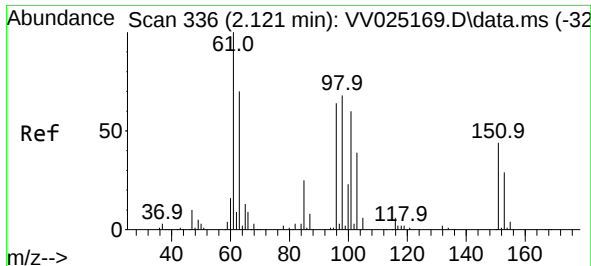
Tgt Ion:101 Resp: 2498
 Ion Ratio Lower Upper
 101 100
 103 70.8 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.978 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025180.D
 Acq: 25 Mar 2022 15:42

Tgt Ion:101 Resp: 8805
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.8 52.2
 151 68.1 55.6 83.4

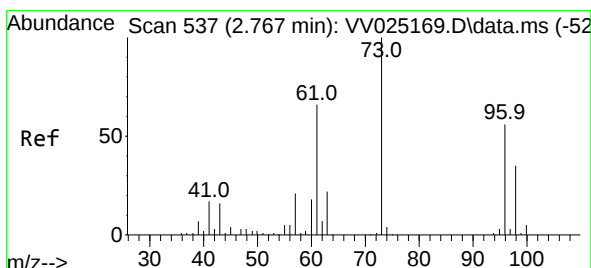
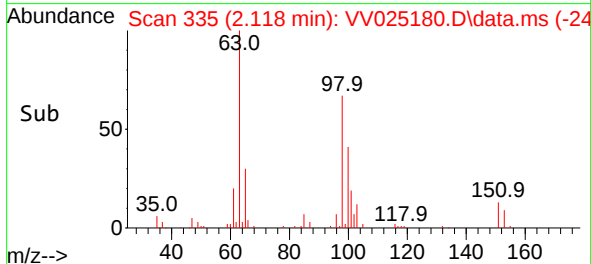
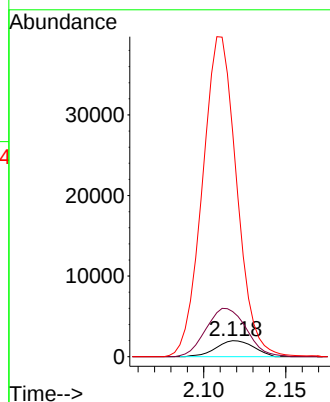
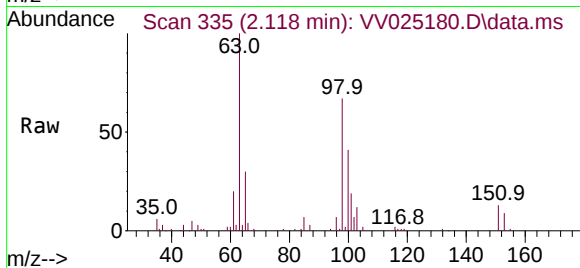




#12
1,1-Dichloroethene
Concen: 0.357 ug/L
RT: 2.118 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV025180.D
Acq: 25 Mar 2022 15:42

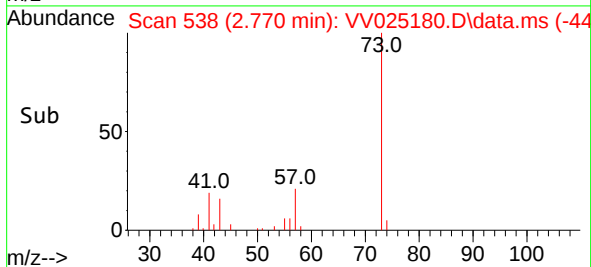
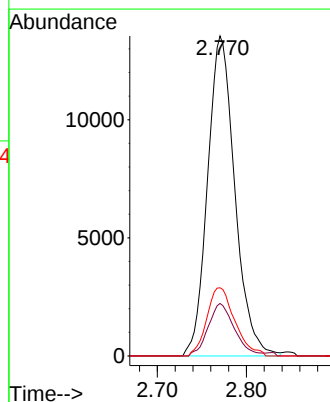
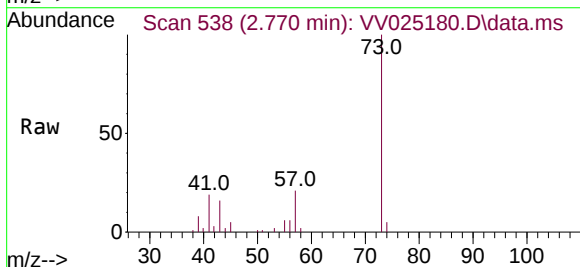
Instrument :
MSVOA_V
ClientSampleId :
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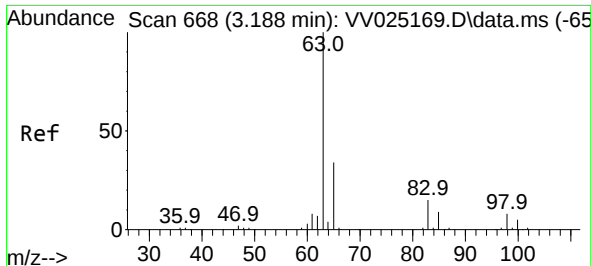
Tgt Ion: 96 Resp: 3155
Ion Ratio Lower Upper
96 100
61 281.2 113.0 209.9#
63 1401.3 82.1 152.5#



#17
Methyl tert-butyl Ether
Concen: 1.499 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV025180.D
Acq: 25 Mar 2022 15:42

Tgt Ion: 73 Resp: 28867
Ion Ratio Lower Upper
73 100
43 15.8 13.2 19.8
57 21.9 16.7 25.1





#19

1,1-Dichloroethane

Concen: 0.566 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025180.D

Acq: 25 Mar 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

C0AD1

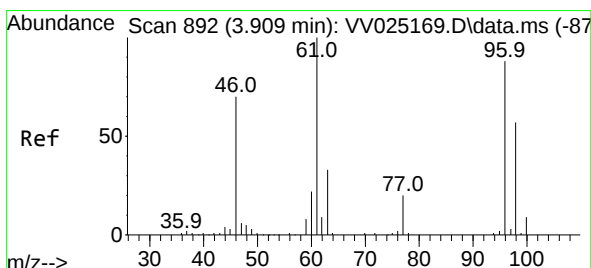
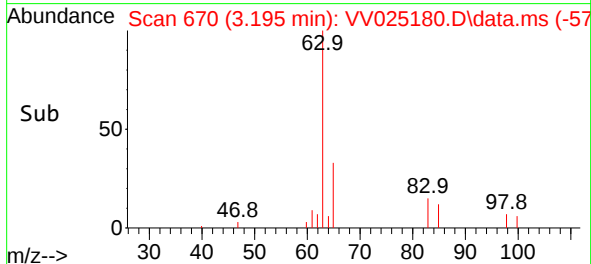
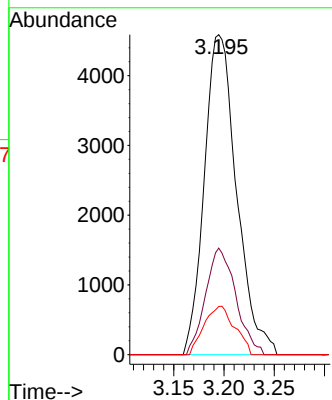
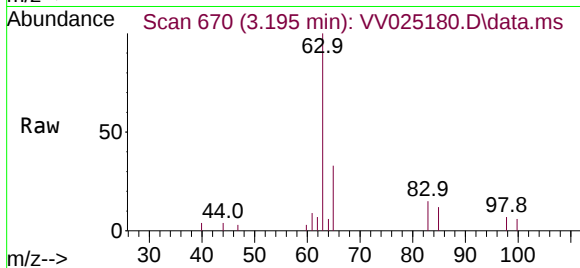
Tgt Ion: 63 Resp: 10249

Ion Ratio Lower Upper

63 100

65 33.3 22.2 41.2

83 15.1 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 0.044 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV025180.D

Acq: 25 Mar 2022 15:42

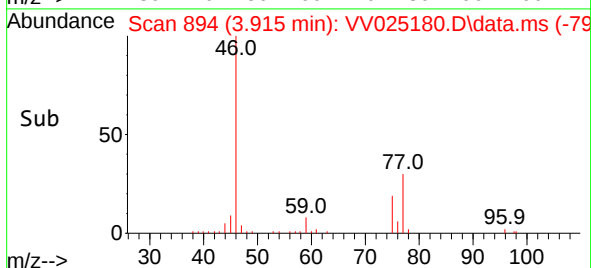
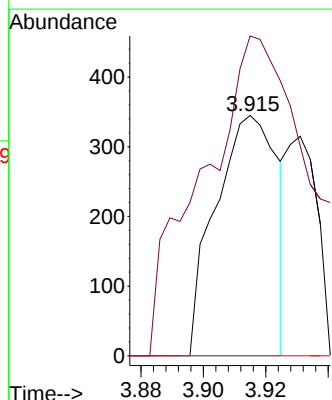
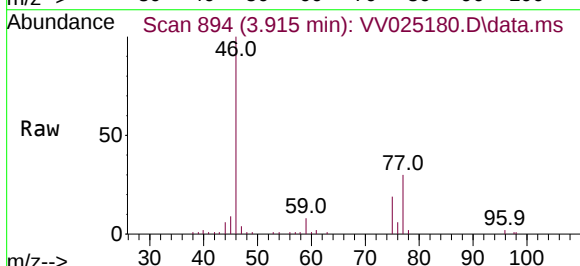
Tgt Ion: 96 Resp: 472

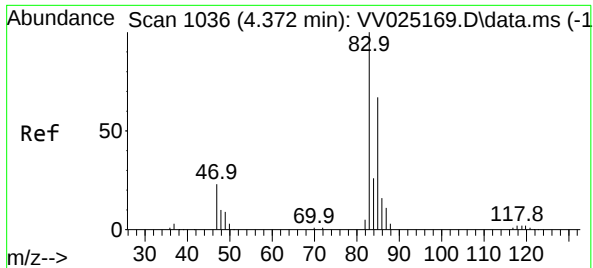
Ion Ratio Lower Upper

96 100

61 133.0 79.7 147.9

68 0.0 0.0 0.0

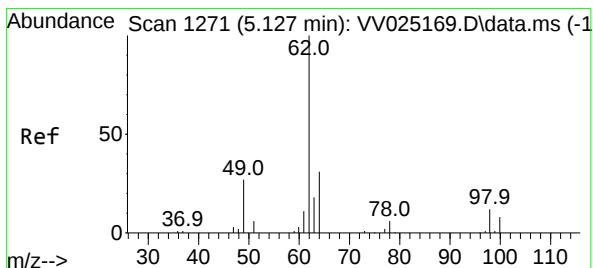
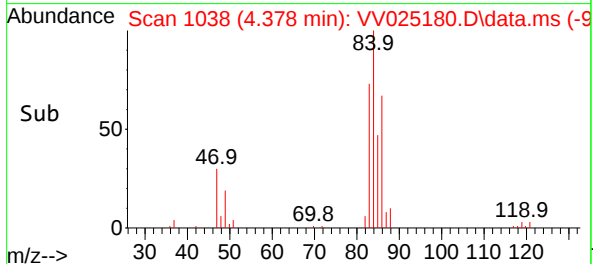
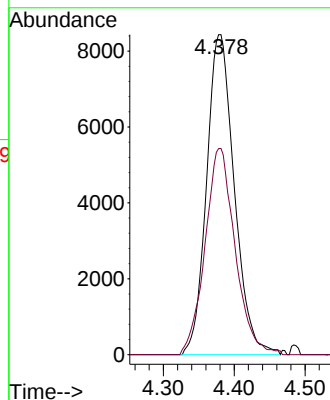
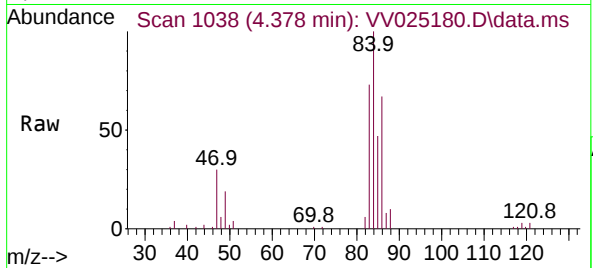




#25
Chloroform
Concen: 1.218 ug/L
RT: 4.378 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025180.D
Acq: 25 Mar 2022 15:42

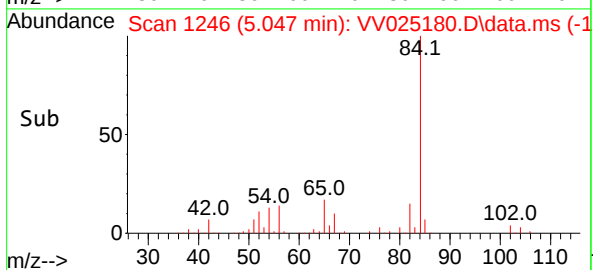
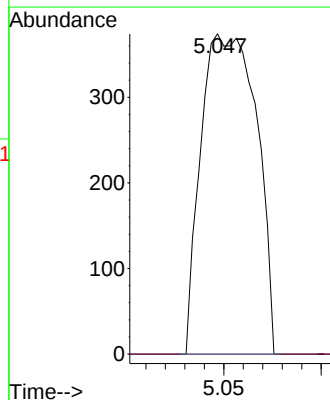
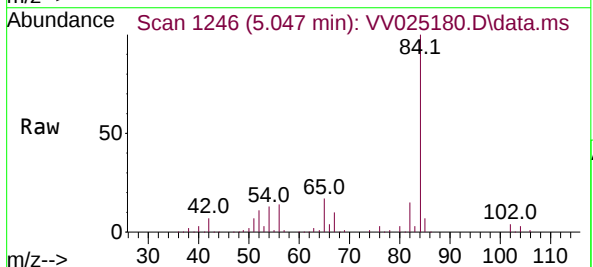
Instrument :
MSVOA_V
ClientSampleId :
C0AD1

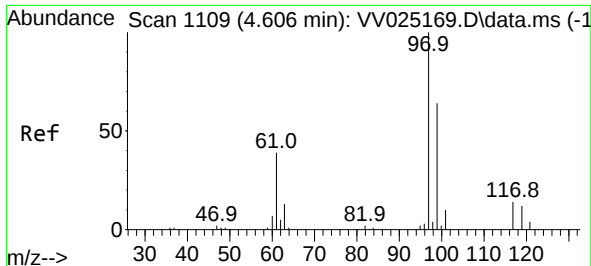
Tgt Ion: 83 Resp: 22958
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.079 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.080 min
Lab File: VV025180.D
Acq: 25 Mar 2022 15:42

Tgt Ion: 62 Resp: 739
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

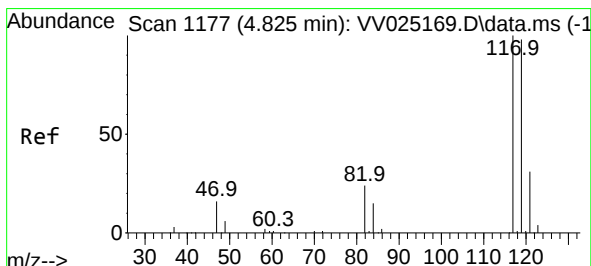
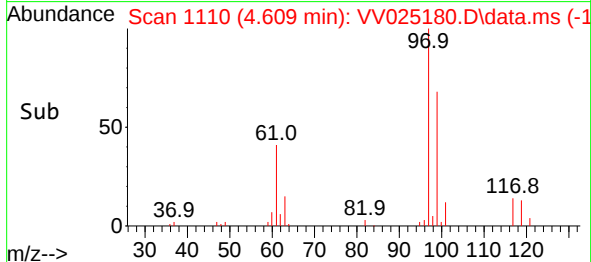
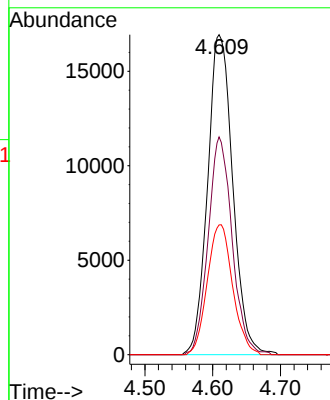
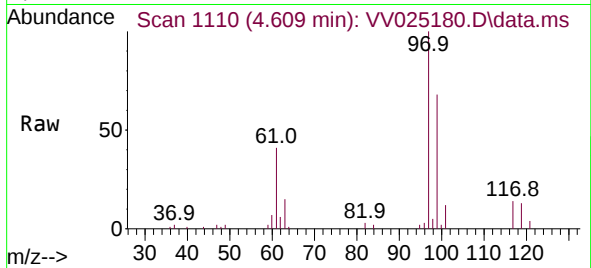




#29
1,1,1-Trichloroethane
Concen: 2.579 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV025180.D
Acq: 25 Mar 2022 15:42

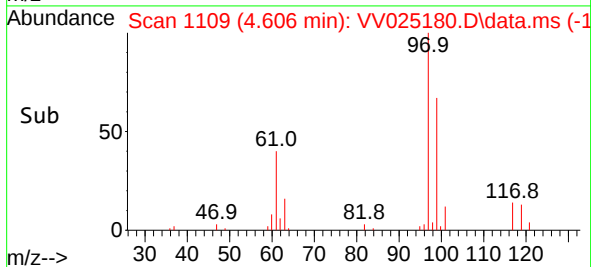
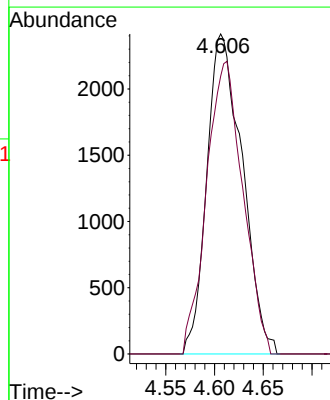
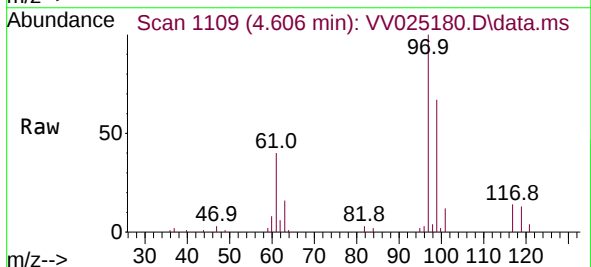
Instrument :
MSVOA_V
ClientSampleId :
C0AD1

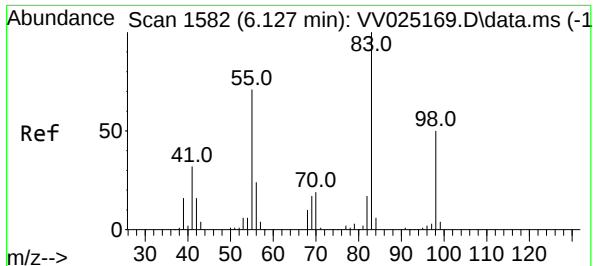
Tgt Ion: 97 Resp: 43714
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 40.9 32.4 48.6



#31
Carbon tetrachloride
Concen: 0.420 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.219 min
Lab File: VV025180.D
Acq: 25 Mar 2022 15:42

Tgt Ion: 117 Resp: 6107
Ion Ratio Lower Upper
117 100
119 93.5 76.8 115.2





#35

Methylcyclohexane

Concen: 0.815 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025180.D

Acq: 25 Mar 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

C0AD1

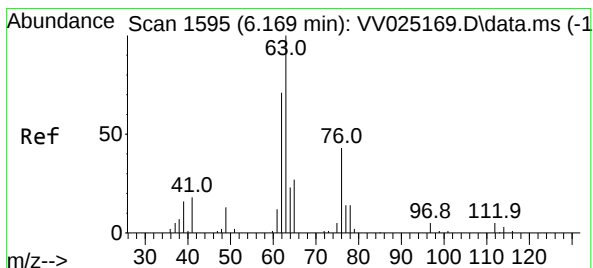
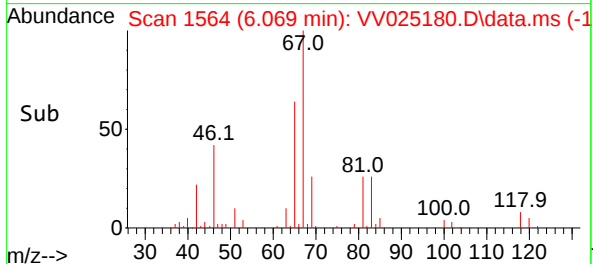
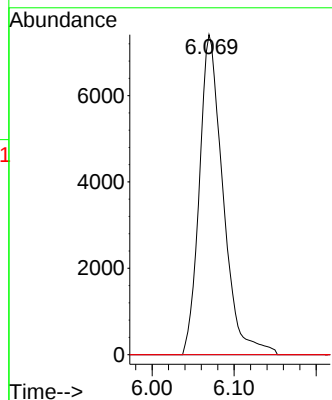
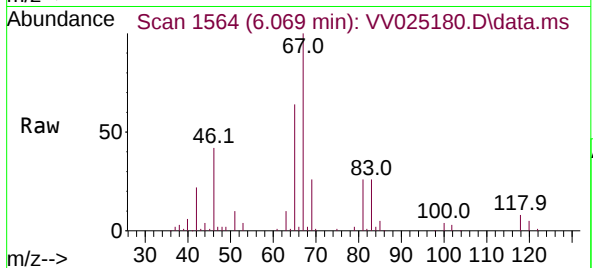
Tgt Ion: 83 Resp: 14850

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 3.4 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025180.D

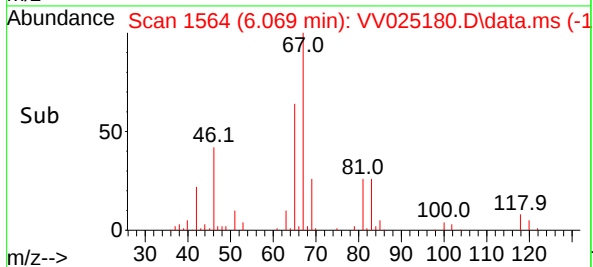
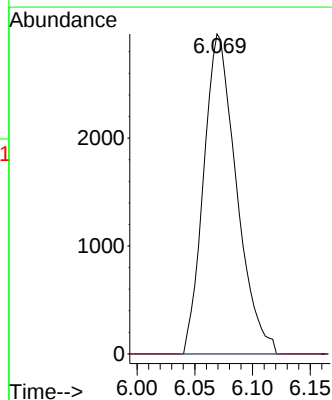
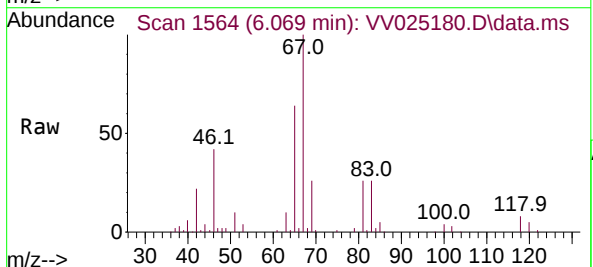
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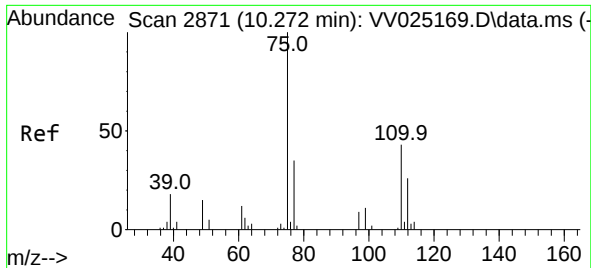
Tgt Ion: 63 Resp: 5857

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

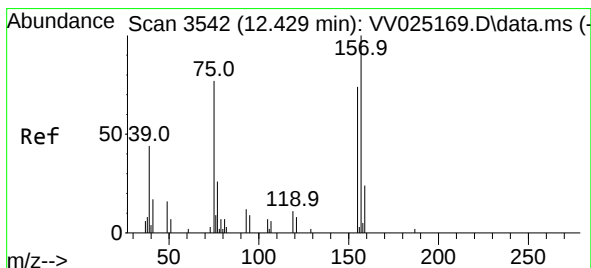
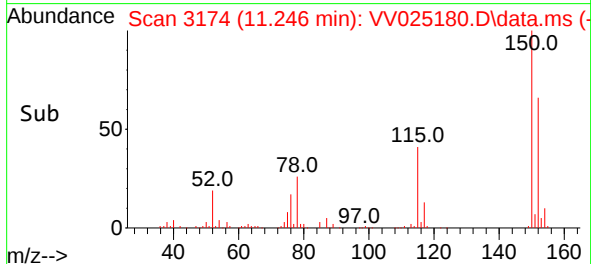
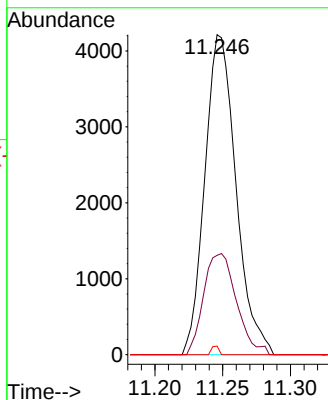
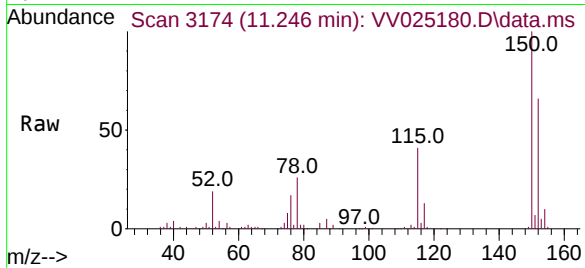




#61
 1,2,3-Trichloropropane
 Concen: 1.368 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025180.D
 Acq: 25 Mar 2022 15:42

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD1

Tgt Ion: 75 Resp: 6739
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.7 38.5
 110 0.6 31.2 46.8#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.336 ug/L
 RT: 12.249 min Scan# 3486
 Delta R.T. -0.180 min
 Lab File: VV025180.D
 Acq: 25 Mar 2022 15:42

Tgt Ion: 75 Resp: 284
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#

