

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052022\
 Data File : VV025943.D
 Acq On : 20 May 2022 14:07
 Operator : SY/MD
 Sample : N2955-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

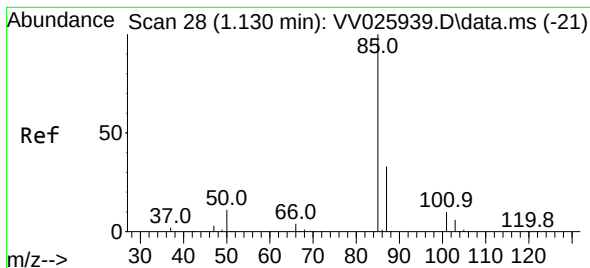
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA2

Quant Time: May 20 21:51:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 20 21:49:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154600	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	160957	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66340	5.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.571	69	64725	5.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.400%
11) 1,1-Dichloroethene-d2	2.111	63	106327	3.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.921	46	95372	64.498	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.000%
24) Chloroform-d	4.352	84	131143	6.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.800%#
26) 1,2-Dichloroethane-d4	5.037	65	55297	6.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.000%
32) Benzene-d6	5.053	84	251409	6.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.200%
36) 1,2-Dichloropropane-d6	6.072	67	81835	6.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	134.600%
41) Toluene-d8	7.317	98	202094	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.629	79	18669	4.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.092	63	86828	58.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51452	6.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.400%#
66) 1,2-Dichlorobenzene-d4	11.622	152	70710	6.859	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	137.200%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	862	0.052	ug/L #	82
3) Chloromethane	1.243	50	2659	0.137	ug/L	99
25) Chloroform	4.368	83	1821	0.073	ug/L #	39
27) 1,2-Dichloroethane	5.053	62	1507	0.115	ug/L #	73
35) Methylcyclohexane	6.069	83	19243	0.900	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8457	0.658	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1540	0.093	ug/L #	70
61) 1,2,3-Trichloropropane	11.246	75	8620	1.430	ug/L #	65

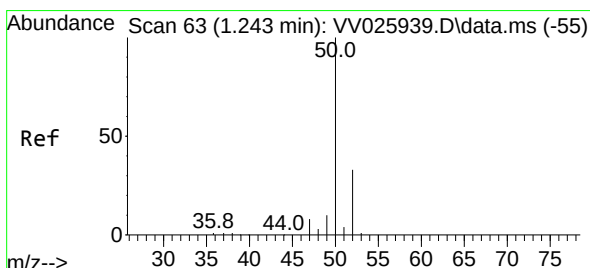
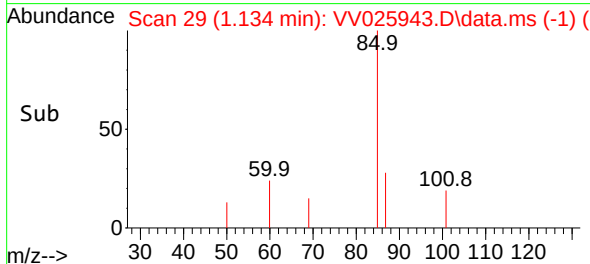
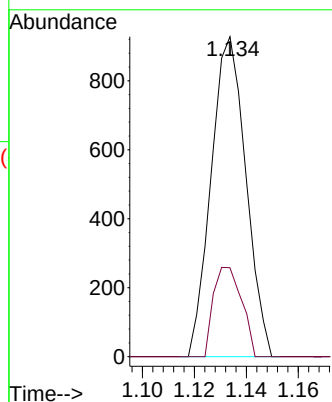
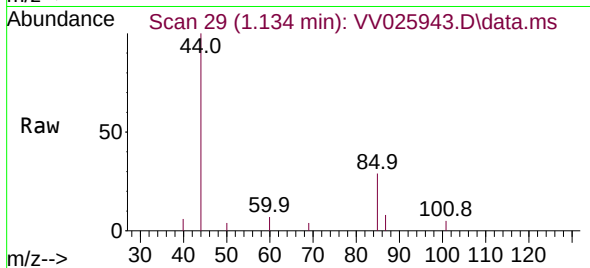
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.052 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VV025943.D
 Acq: 20 May 2022 14:07

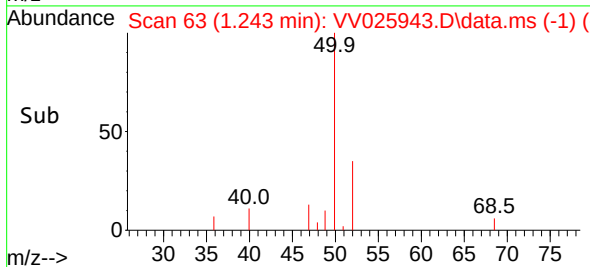
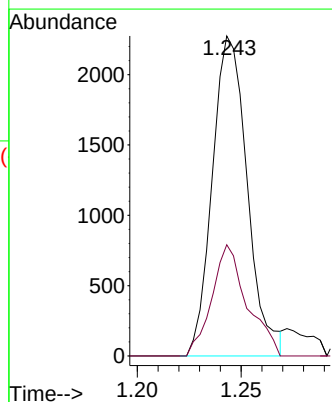
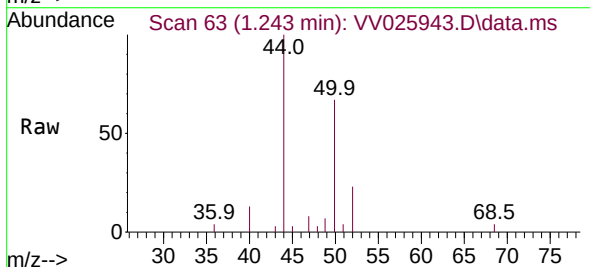
Instrument :
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 C0AA2

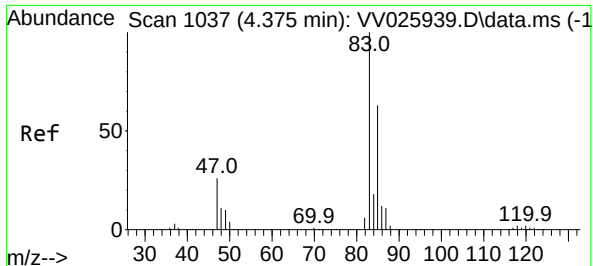
Tgt Ion: 85 Resp: 862
 Ion Ratio Lower Upper
 85 100
 87 22.6 26.0 39.0#



#3
 Chloromethane
 Concen: 0.137 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025943.D
 Acq: 20 May 2022 14:07

Tgt Ion: 50 Resp: 2659
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.9 44.3





#25

Chloroform

Concen: 0.073 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VV025943.D

Acq: 20 May 2022 14:07

Instrument :

MSVOA_V

ClientSampleId :

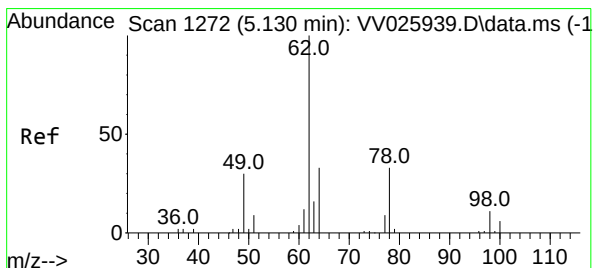
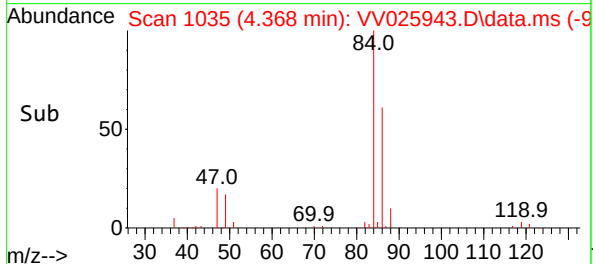
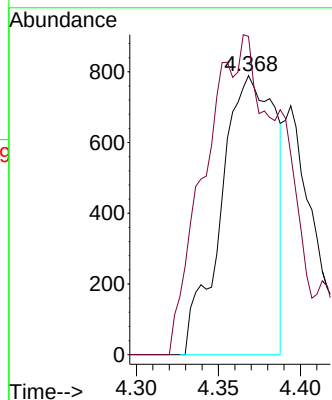
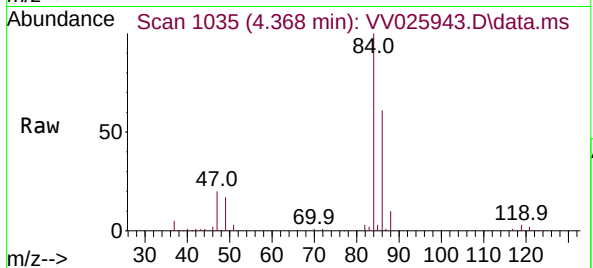
C0AA2

Tgt Ion: 83 Resp: 1821

Ion Ratio Lower Upper

83 100

85 114.1 46.1 85.7#



#27

1,2-Dichloroethane

Concen: 0.115 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.077 min

Lab File: VV025943.D

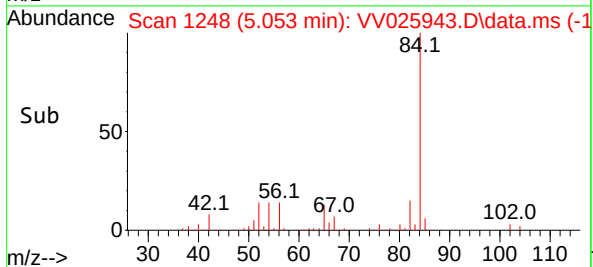
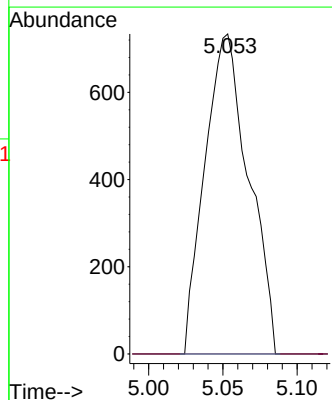
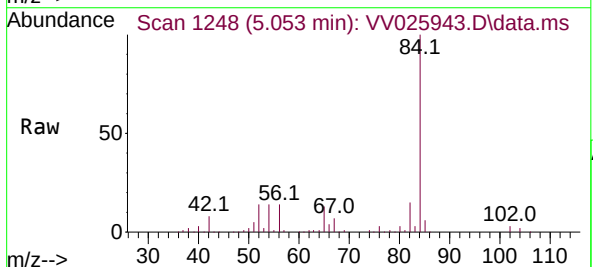
Acq: 20 May 2022 14:07

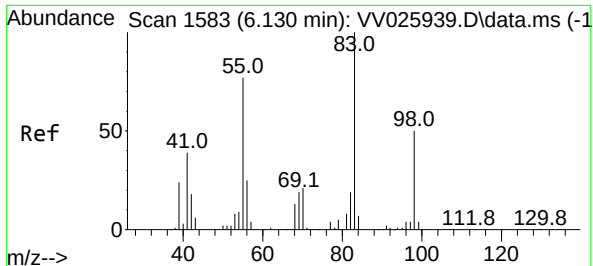
Tgt Ion: 62 Resp: 1507

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 0.900 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV025943.D

Acq: 20 May 2022 14:07

Instrument :

MSVOA_V

ClientSampleId :

C0AA2

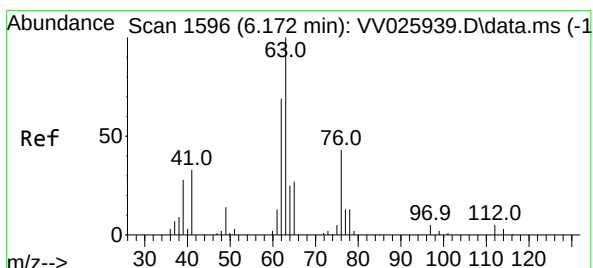
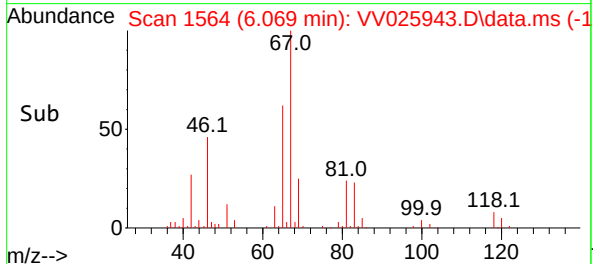
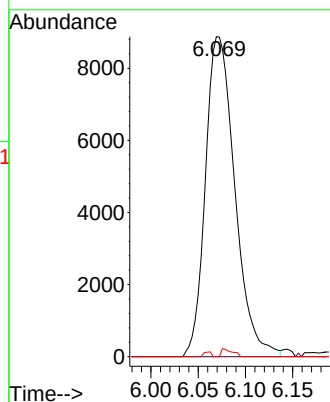
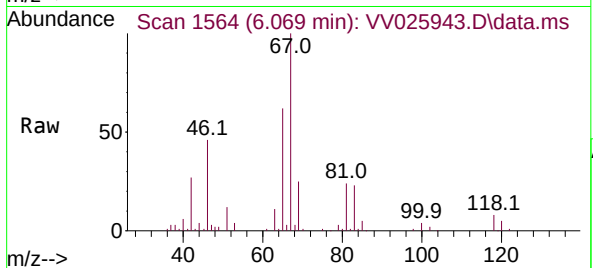
Tgt Ion: 83 Resp: 19243

Ion Ratio Lower Upper

83 100

55 0.1 60.1 90.1#

98 0.9 40.6 61.0#



#37

1,2-Dichloropropane

Concen: 0.658 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV025943.D

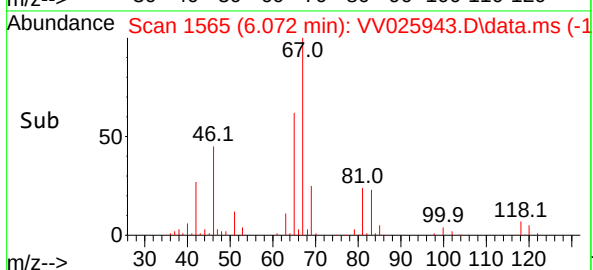
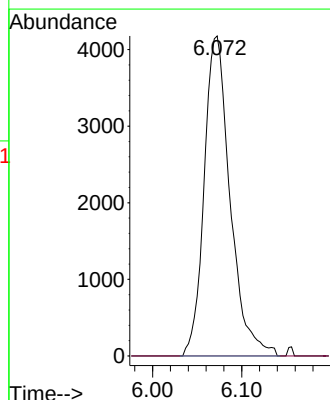
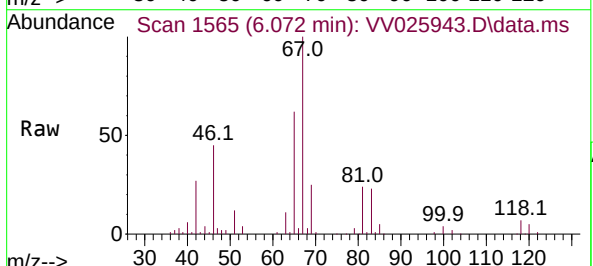
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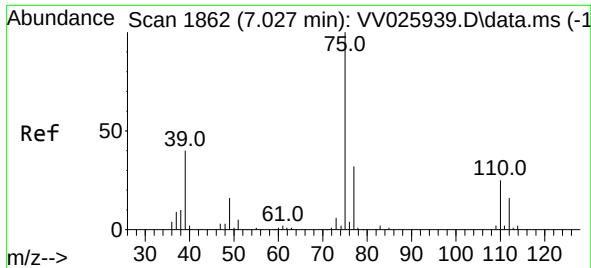
Tgt Ion: 63 Resp: 8457

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025943.D

Acq: 20 May 2022 14:07

Instrument :

MSVOA_V

ClientSampleId :

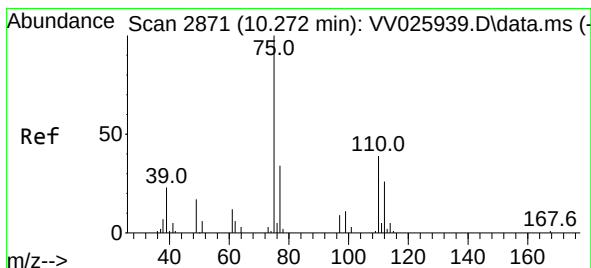
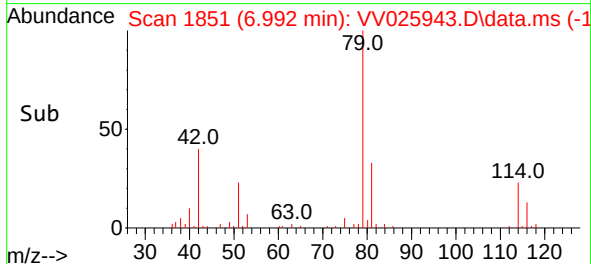
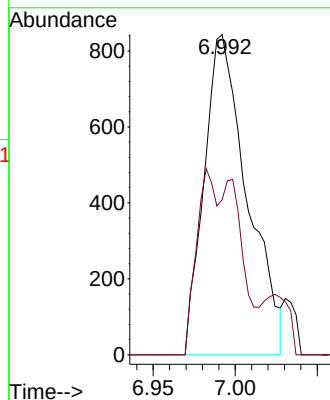
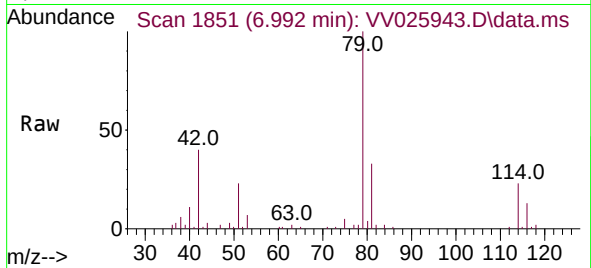
C0AA2

Tgt Ion: 75 Resp: 1540

Ion Ratio Lower Upper

75 100

77 48.4 22.1 41.1#



#61

1,2,3-Trichloropropane

Concen: 1.430 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025943.D

Acq: 20 May 2022 14:07

Tgt Ion: 75 Resp: 8620

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

110 2.1 32.4 48.6#

