

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057243.D
 Acq On : 26 Dec 2023 18:46
 Operator : MD/SY
 Sample : 05976-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

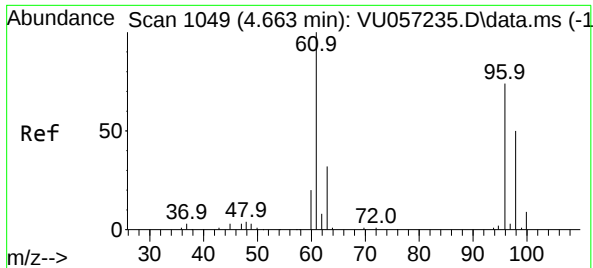
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:43:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153954	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69788	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85439	5.806	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	116.200%	
7) Chloroethane-d5	1.911	69	55856	4.611	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.563	65	32393	5.081	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.600%	
20) 2-Butanone-d5	4.621	46	116147	50.272	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.540%	
24) Chloroform-d	5.055	84	130841	4.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.695	65	63849	4.714	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.721	84	243686	4.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.682	67	75358	4.763	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.891	98	197861	3.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
43) trans-1,3-Dichloroprop...	8.174	79	27539	4.181	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.627	63	95111	42.414	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.820%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53608	4.762	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	68680	4.573	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.400%	
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	20100	1.626	ug/L	93
29) 1,1,1-Trichloroethane	5.316	97	10865	0.422	ug/L	97
34) Trichloroethene	6.537	95	48207	3.208	ug/L	97
35) Methylcyclohexane	6.682	83	18596	0.940	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	8566	0.670	ug/L #	88
48) 2-Hexanone	8.679	43	3307	0.809	ug/L #	82
61) 1,2,3-Trichloropropane	11.804	75	8432	1.297	ug/L #	64

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



#22

cis-1,2-Dichloroethene

Concen: 1.626 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

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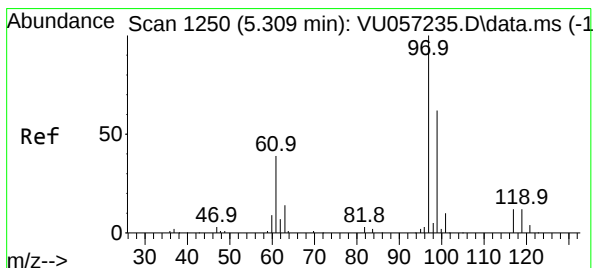
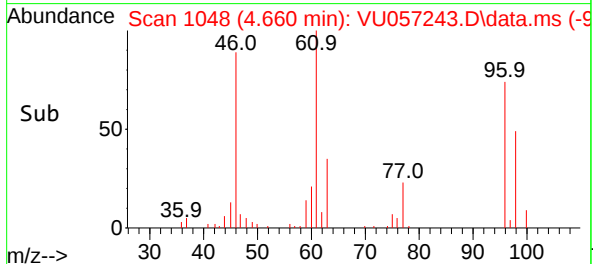
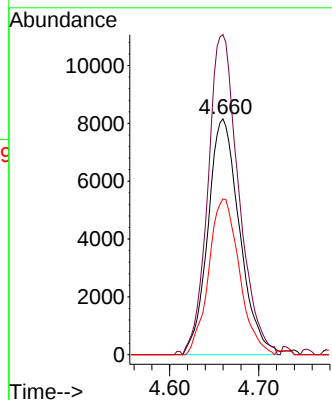
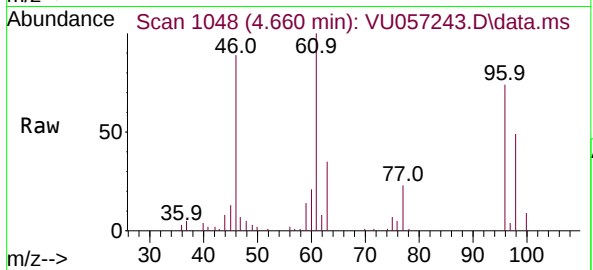
Tgt Ion: 96 Resp: 20100

Ion Ratio Lower Upper

96 100

61 135.6 86.8 161.2

98 66.0 45.5 84.5



#29

1,1,1-Trichloroethane

Concen: 0.422 ug/L

RT: 5.316 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VU057243.D

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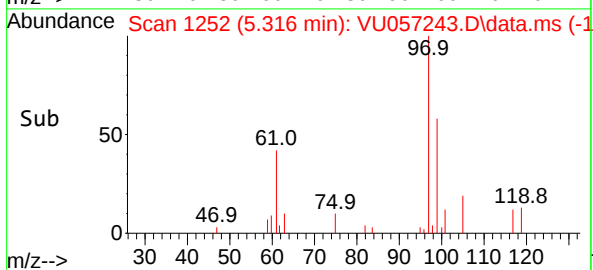
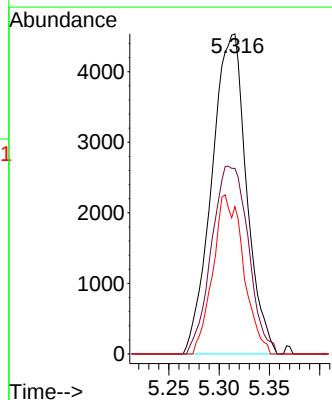
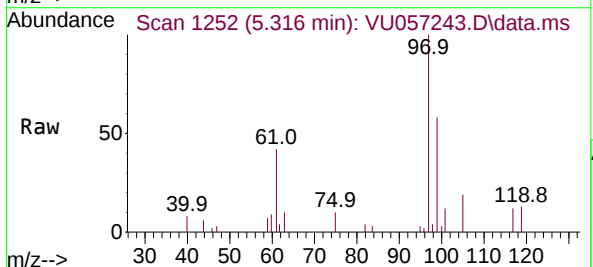
Tgt Ion: 97 Resp: 10865

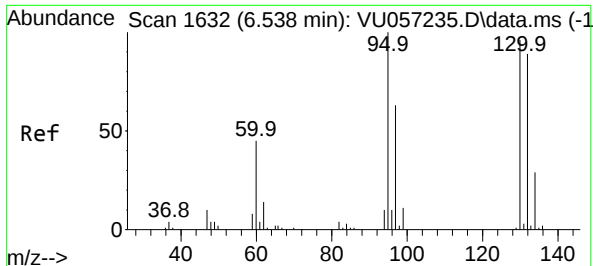
Ion Ratio Lower Upper

97 100

99 62.2 51.2 76.8

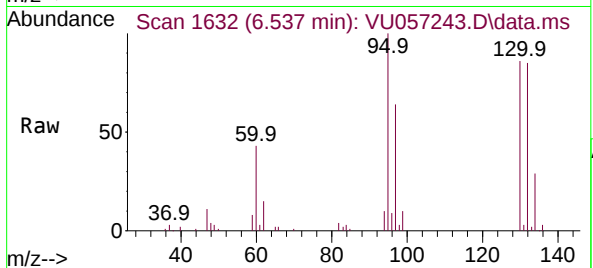
61 43.8 32.5 48.7



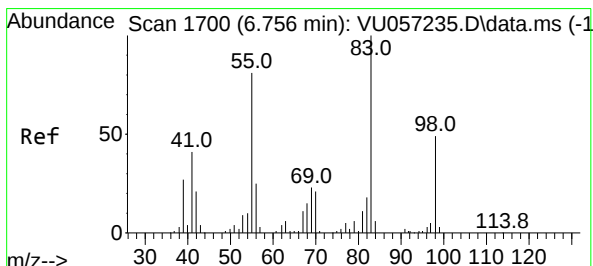
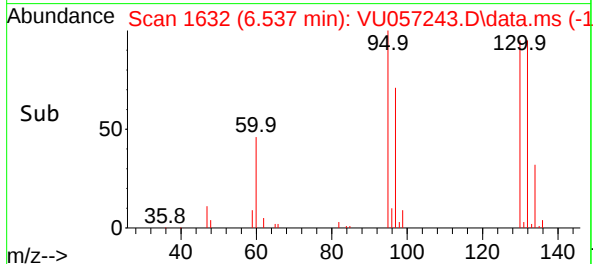
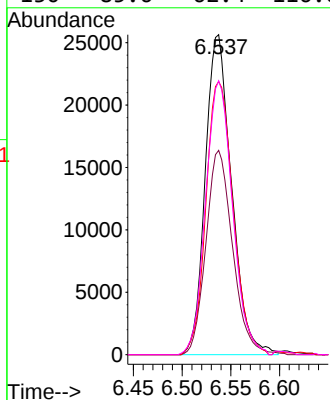


#34
Trichloroethene
Concen: 3.208 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057243.D
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Instrument :
MSVOA_U
ClientSampleId :

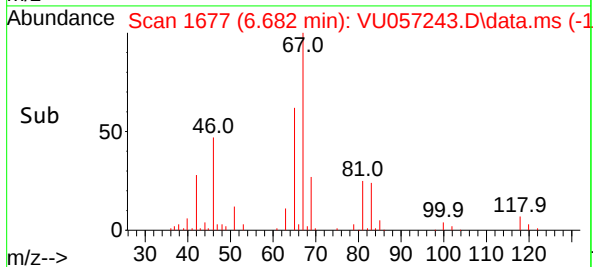
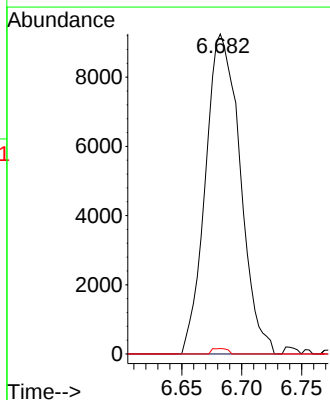
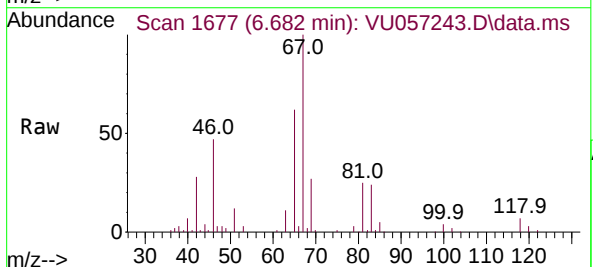


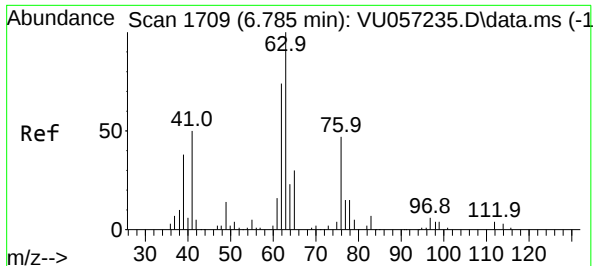
Tgt Ion:	95	Resp:	48207
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.3	82.3
132	85.4	62.6	116.2
130	85.6	62.4	116.0



#35
Methylcyclohexane
Concen: 0.940 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057243.D
Acq: 26 Dec 2023 18:46

Tgt Ion:	83	Resp:	18596
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.3	91.9#
98	0.8	36.6	55.0#





#37

1,2-Dichloropropane

Concen: 0.670 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057243.D

Acq: 26 Dec 2023 18:46

Instrument :

MSVOA_U

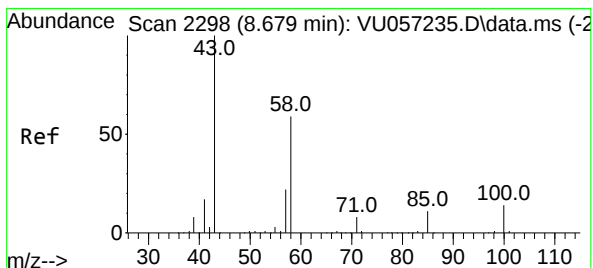
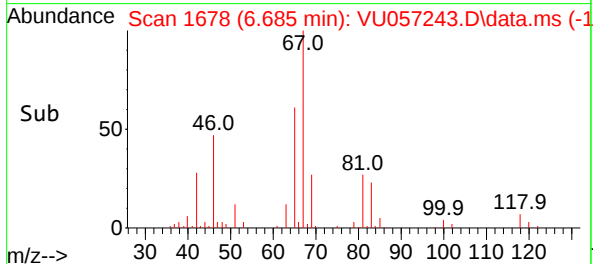
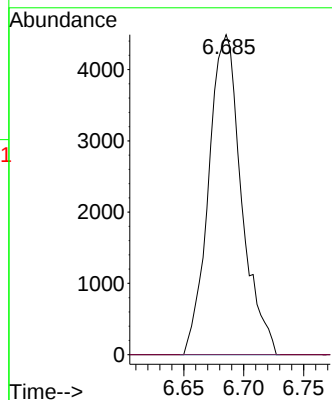
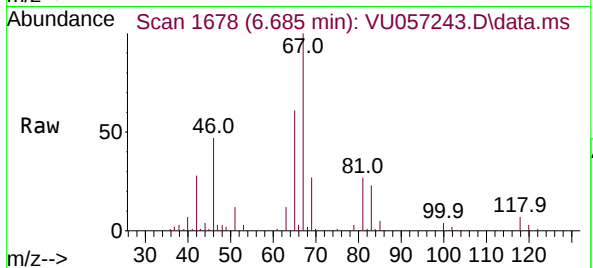
ClientSampleId :

Tgt Ion: 63 Resp: 8566

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#48

2-Hexanone

Concen: 0.809 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VU057243.D

Acq: 26 Dec 2023 18:46

Tgt Ion: 43 Resp: 3307

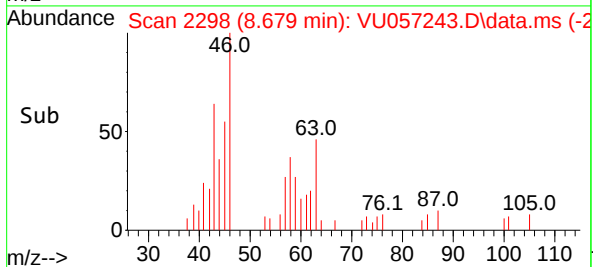
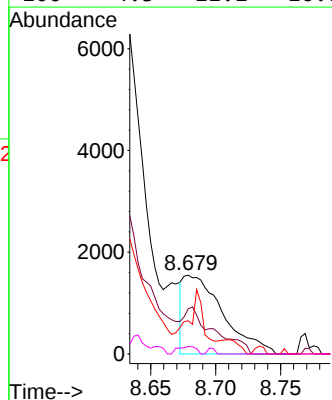
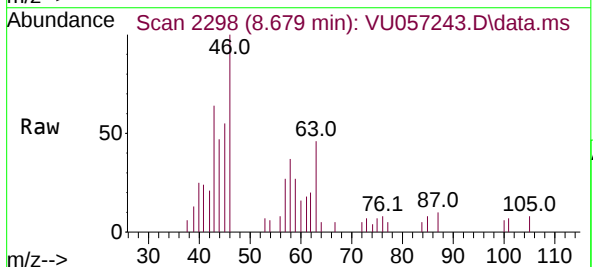
Ion Ratio Lower Upper

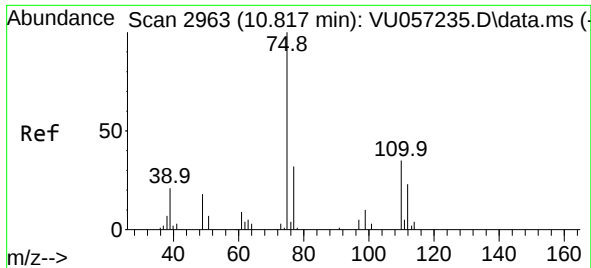
43 100

58 44.7 49.8 74.8#

57 23.0 18.5 27.7

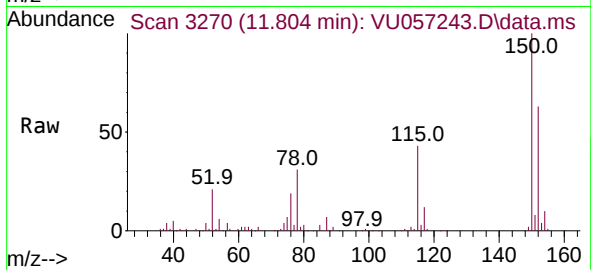
100 4.3 11.1 16.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.297 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057243.D
 Acq: 26 Dec 2023 18:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8432
 Ion Ratio Lower Upper
 75 100
 110 1.9 31.2 46.8#
 77 35.5 25.5 38.3

