

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121224\
 Data File : VU062292.D
 Acq On : 12 Dec 2024 16:55
 Operator : MD/SY
 Sample : P5228-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E29S9

Quant Time: Dec 13 00:19:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 13 00:13:55 2024
 Response via : Initial Calibration

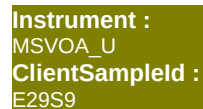
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

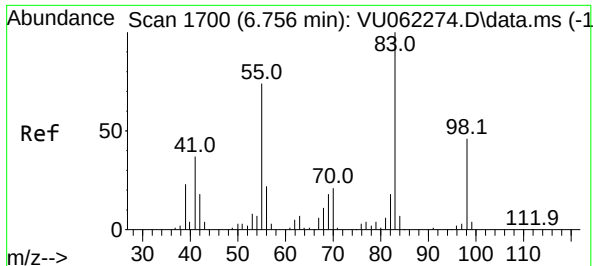
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95358	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22909	3.562	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.908	69	19725	4.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	11561	3.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.628	46	62191	50.452	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.900%
24) Chloroform-d	5.052	84	64380	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.692	65	33373	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.718	84	112438	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.683	67	34655	4.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	101525	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.174	79	14441	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.628	63	50004	49.306	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.620%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	27867	4.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	39087	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.750	83	952	0.079	ug/L #	56
37) 1,2-Dichloropropane	6.683	63	4070	0.582	ug/L #	87
42) Toluene	7.965	91	4139	0.134	ug/L	93
45) 1,1,2-Trichloroethane	8.544	97	3425	0.649	ug/L #	27
47) Tetrachloroethene	8.544	164	364848	58.085	ug/L	96
49) Dibromochloromethane	8.544	129	360148	56.458	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4437	1.108	ug/L #	67

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

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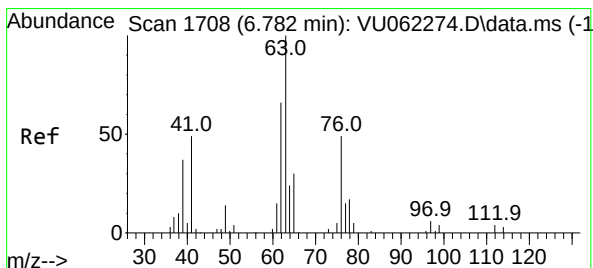
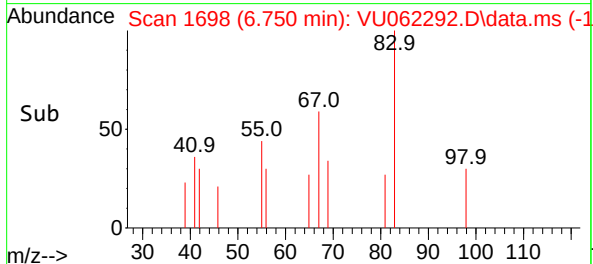
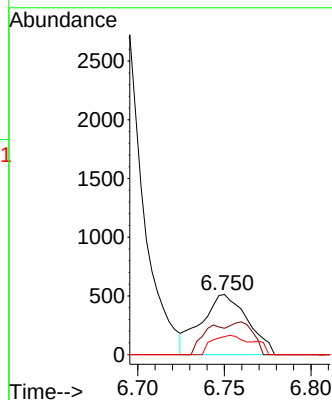
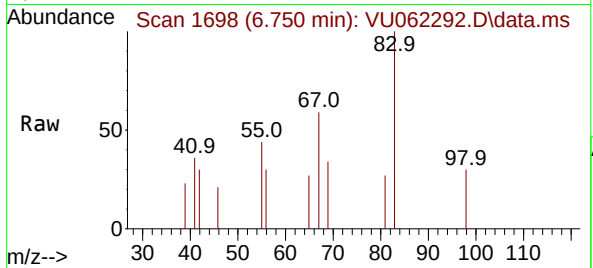




#35
Methylcyclohexane
Concen: 0.079 ug/L
RT: 6.750 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VU062292.D
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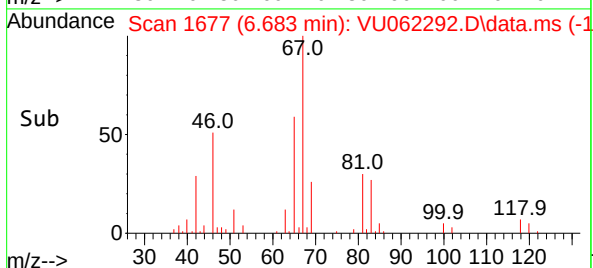
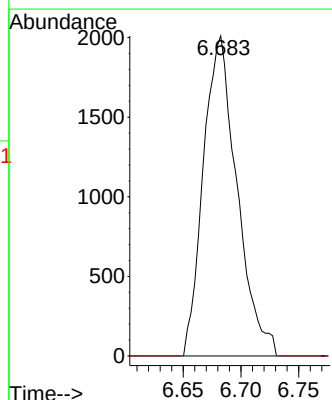
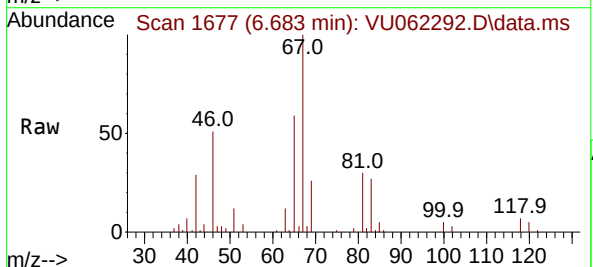
Instrument :
MSVOA_U
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E29S9

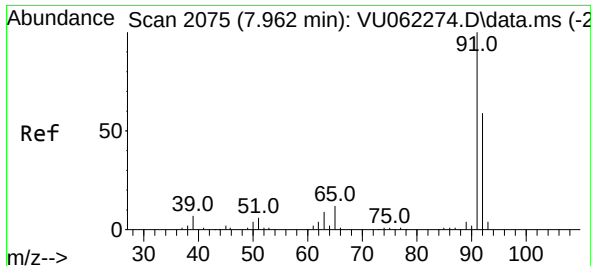
Tgt Ion: 83 Resp: 952
Ion Ratio Lower Upper
83 100
55 27.7 60.7 91.1#
98 28.6 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.683 min Scan# 1677
Delta R.T. -0.099 min
Lab File: VU062292.D
Acq: 12 Dec 2024 16:55

Tgt Ion: 63 Resp: 4070
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.134 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.004 min

Lab File: VU062292.D

Acq: 12 Dec 2024 16:55

Instrument :

MSVOA_U

ClientSampleId :

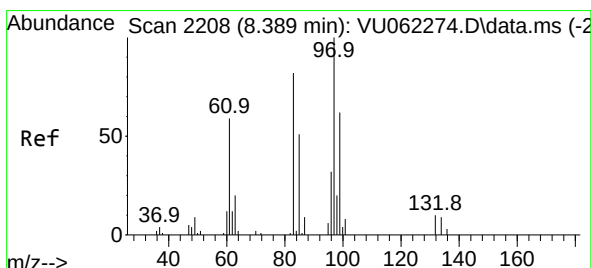
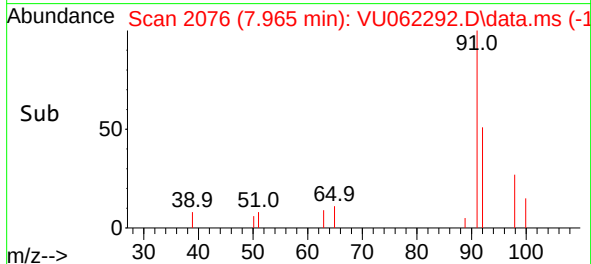
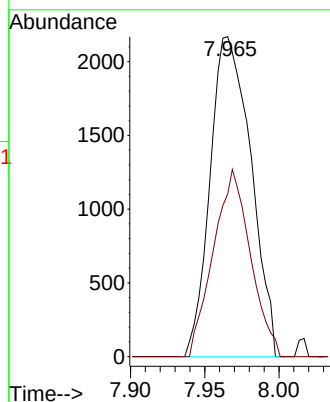
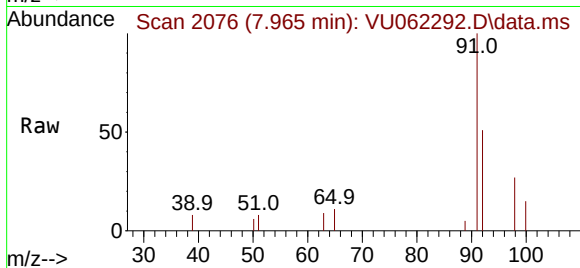
E29S9

Tgt Ion: 91 Resp: 4139

Ion Ratio Lower Upper

91 100

92 50.9 39.0 72.4



#45

1,1,2-Trichloroethane

Concen: 0.649 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.155 min

Lab File: VU062292.D

Acq: 12 Dec 2024 16:55

Tgt Ion: 97 Resp: 3425

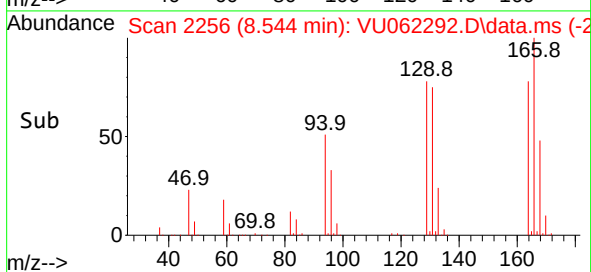
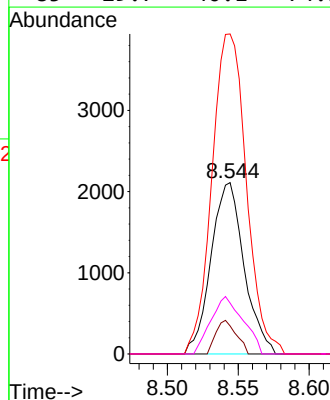
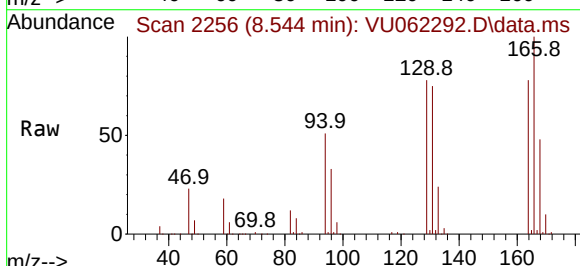
Ion Ratio Lower Upper

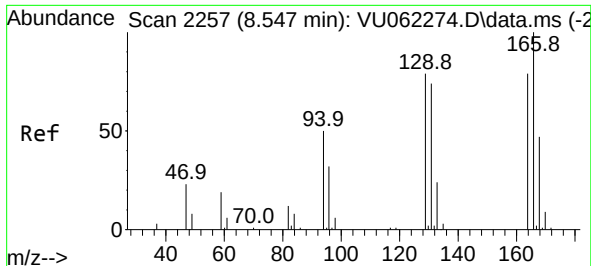
97 100

99 16.4 43.0 79.8#

83 186.7 61.7 114.5#

85 29.7 40.1 74.5#

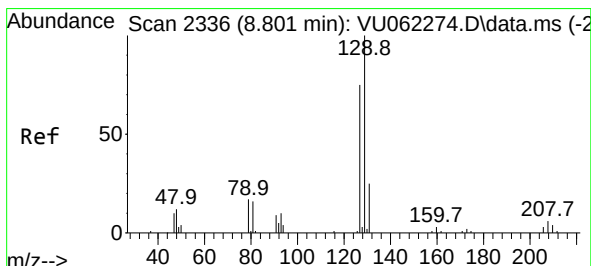
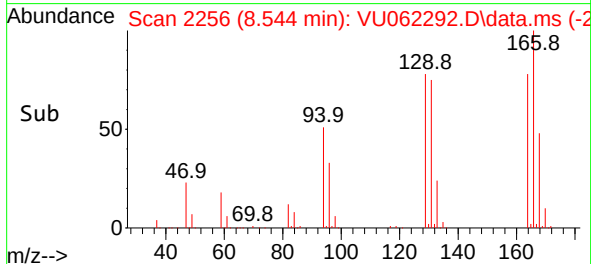
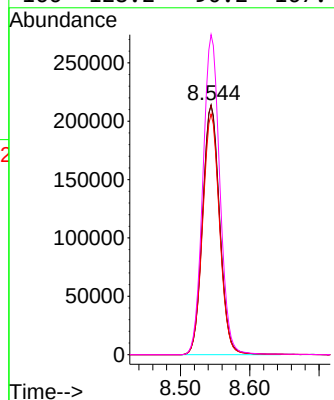
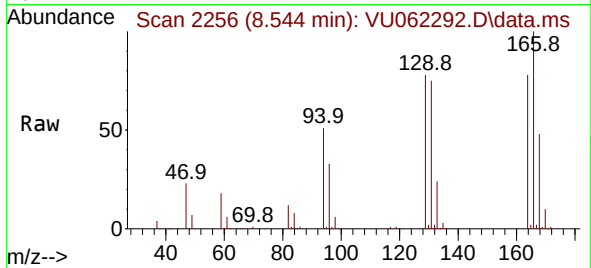




#47
Tetrachloroethene
Concen: 58.085 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062292.D
Acq: 12 Dec 2024 16:55

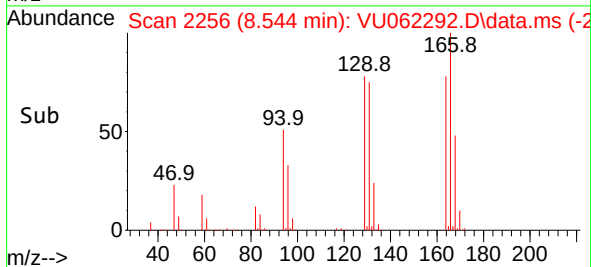
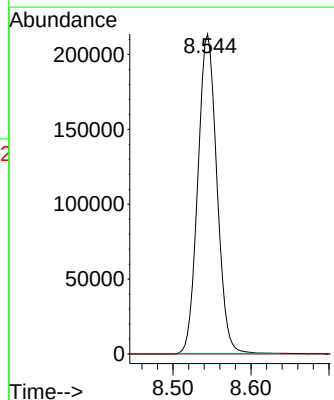
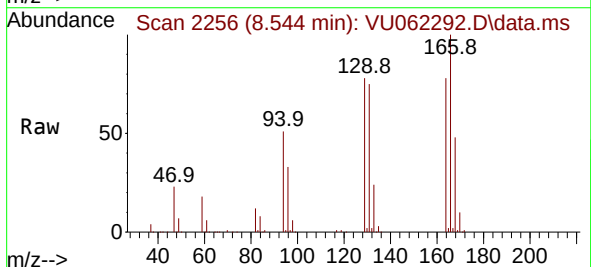
Instrument :
MSVOA_U
ClientSampleId :
E29S9

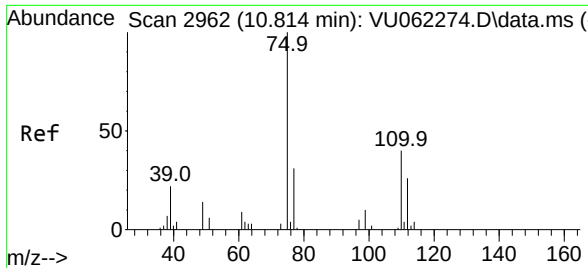
Tgt Ion:164 Resp: 364848
Ion Ratio Lower Upper
164 100
129 99.9 73.2 136.0
131 96.5 72.3 134.3
166 128.2 90.2 167.4



#49
Dibromochloromethane
Concen: 56.458 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU062292.D
Acq: 12 Dec 2024 16:55

Tgt Ion:129 Resp: 360148
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.108 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU062292.D
 Acq: 12 Dec 2024 16:55

Instrument :
 MSVOA_U
 ClientSampleId :
 E29S9

Tgt Ion:	75	Resp:	4437
Ion	Ratio	Lower	Upper
75	100		
110	0.9	28.9	43.3#
77	35.1	26.5	39.7

