

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054749.D
 Acq On : 03 Jul 2023 15:14
 Operator : MD/SY
 Sample : 03495-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

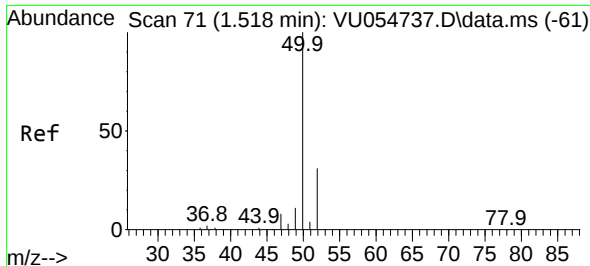
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FC2

Quant Time: Jul 05 04:43:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	270189	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	267075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	122454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	69475	4.040	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.907	69	66745	4.146	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.560	65	28512	3.713	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.624	46	257693	53.302	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.600%
24) Chloroform-d	5.058	84	148956	4.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.698	65	80451	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.724	84	273072	3.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	6.689	67	99573	4.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.897	98	228075	3.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.180	79	35552	4.123	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.631	63	176594	48.820	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.640%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85051	4.600	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	86686	4.197	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	7779	0.268	ug/L	95
34) Trichloroethene	6.541	95	8788	0.346	ug/L	92
35) Methylcyclohexane	6.689	83	21936	0.572	ug/L #	16
37) 1,2-Dichloropropane	6.689	63	10702	0.412	ug/L #	89
47) Tetrachloroethene	8.550	164	23866	1.228	ug/L	97
48) 2-Hexanone	8.685	43	9083	0.880	ug/L #	81
49) Dibromochloromethane	8.550	129	21768	1.256	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	15085	1.219	ug/L #	70

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



#3
Chloromethane
Concen: 0.268 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054749.D
Acq: 03 Jul 2023 15:14

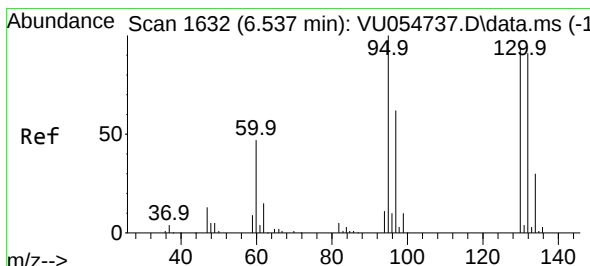
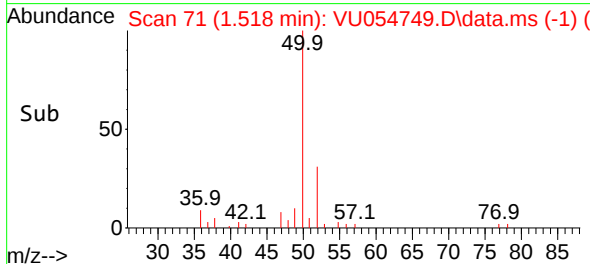
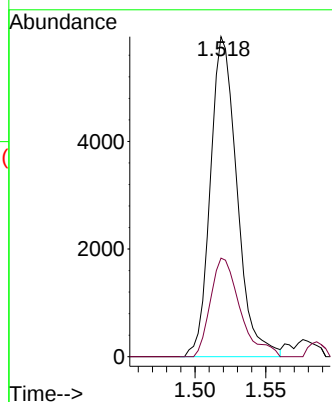
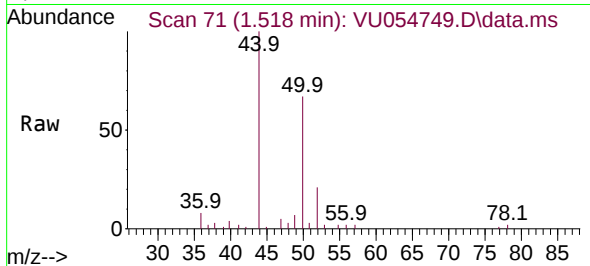
Instrument :

MSVOA_U

ClientSampleId :

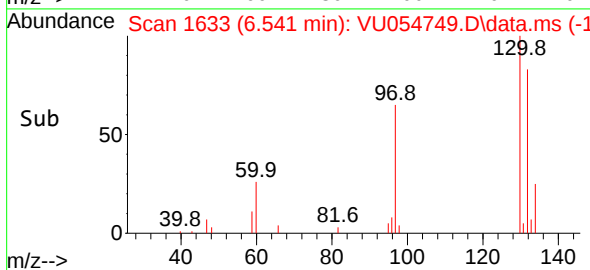
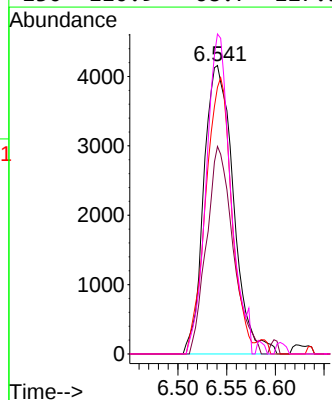
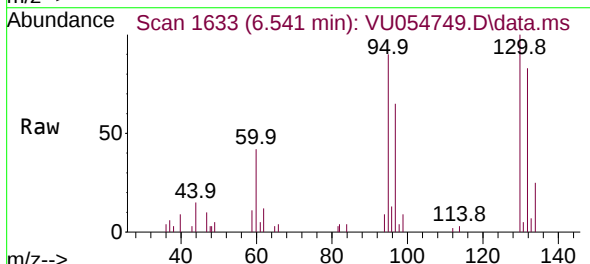
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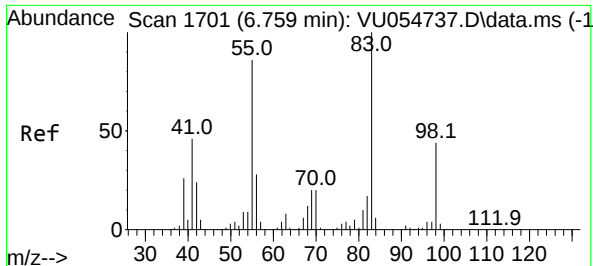
Tgt Ion: 50 Resp: 7779
Ion Ratio Lower Upper
50 100
52 30.8 23.4 43.4



#34
Trichloroethene
Concen: 0.346 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054749.D
Acq: 03 Jul 2023 15:14

Tgt Ion: 95 Resp: 8788
Ion Ratio Lower Upper
95 100
97 71.9 46.8 87.0
132 92.4 68.4 127.0
130 110.9 68.7 127.5





#35

Methylcyclohexane

Concen: 0.572 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054749.D

Acq: 03 Jul 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

H0FC2

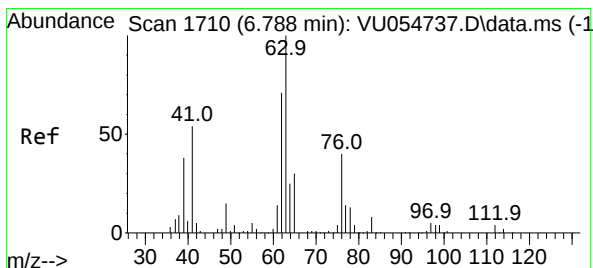
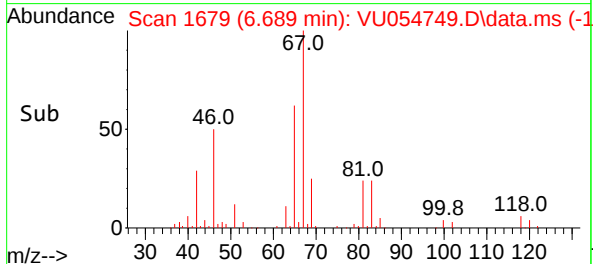
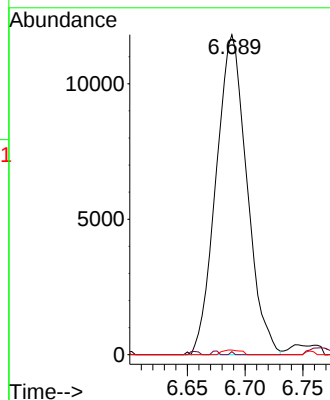
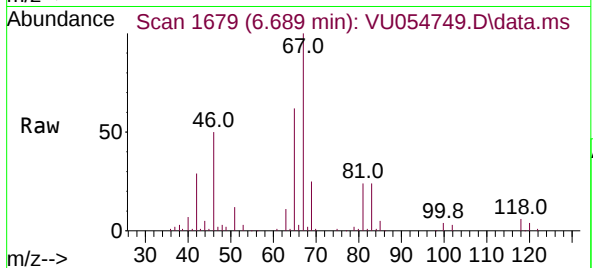
Tgt Ion: 83 Resp: 21936

Ion Ratio Lower Upper

83 100

55 0.1 67.1 100.7#

98 0.9 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.412 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU054749.D

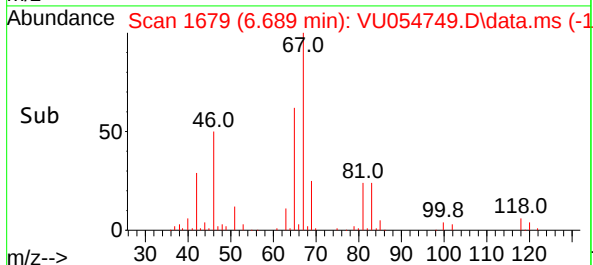
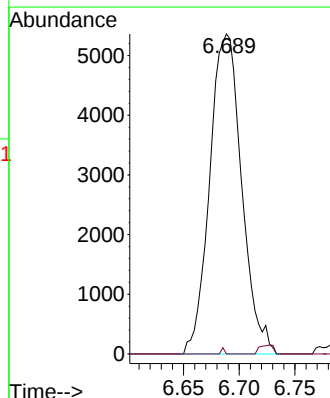
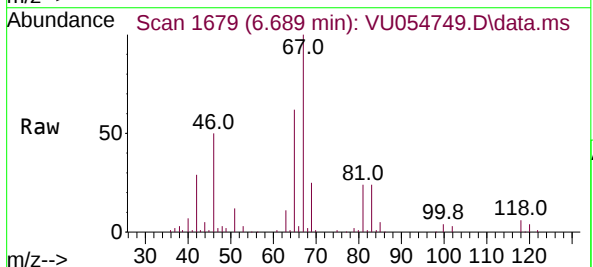
Acq: 03 Jul 2023 15:14

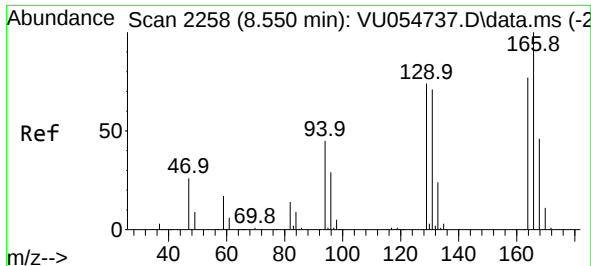
Tgt Ion: 63 Resp: 10702

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.6#

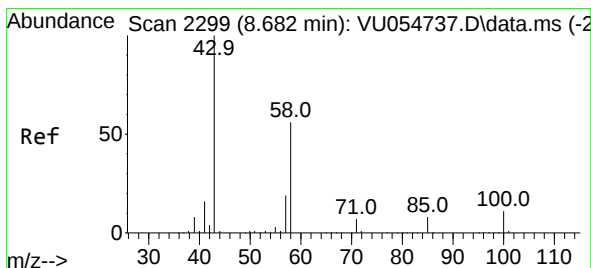
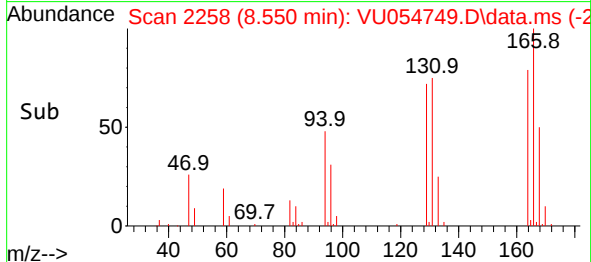
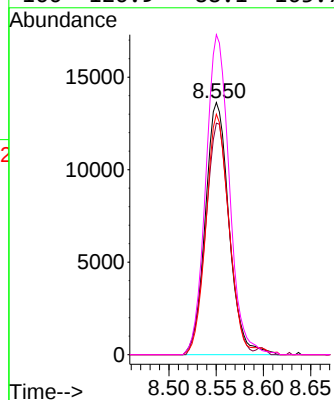
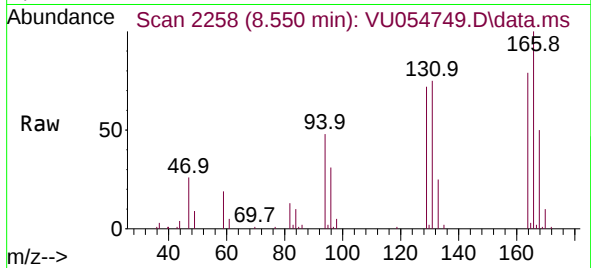




#47
Tetrachloroethene
Concen: 1.228 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054749.D
Acq: 03 Jul 2023 15:14

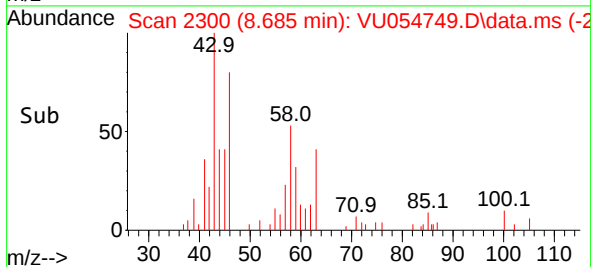
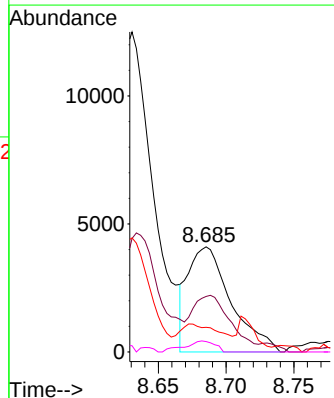
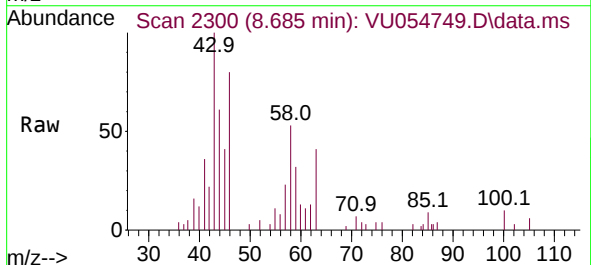
Instrument :
MSVOA_U
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H0FC2

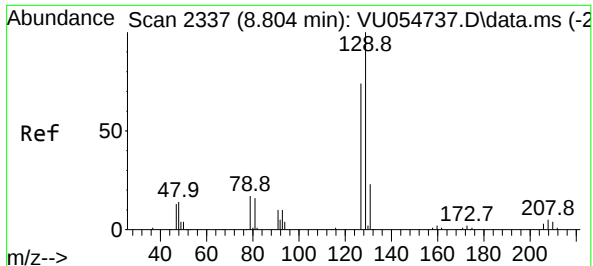
Tgt Ion:164 Resp: 23866
Ion Ratio Lower Upper
164 100
129 91.8 67.7 125.7
131 95.3 64.6 120.0
166 126.9 88.1 163.7



#48
2-Hexanone
Concen: 0.880 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU054749.D
Acq: 03 Jul 2023 15:14

Tgt Ion: 43 Resp: 9083
Ion Ratio Lower Upper
43 100
58 39.6 45.2 67.8#
57 25.7 15.8 23.6#
100 7.4 8.7 13.1#





#49

Dibromochloromethane

Concen: 1.256 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU054749.D

Acq: 03 Jul 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

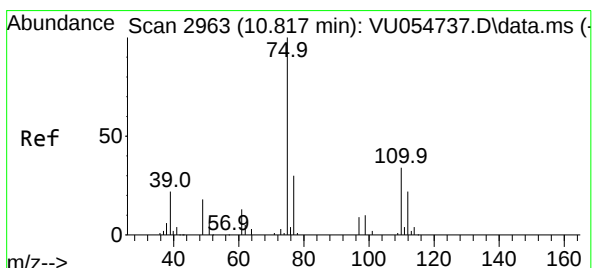
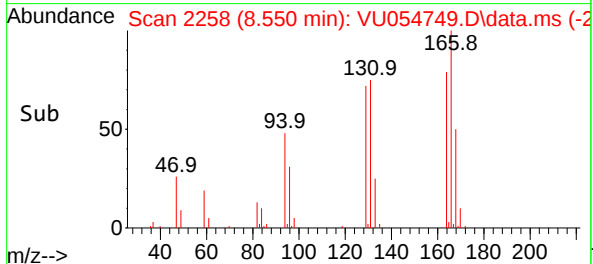
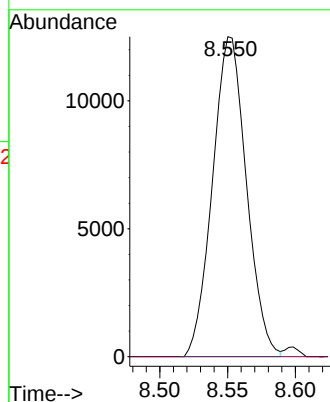
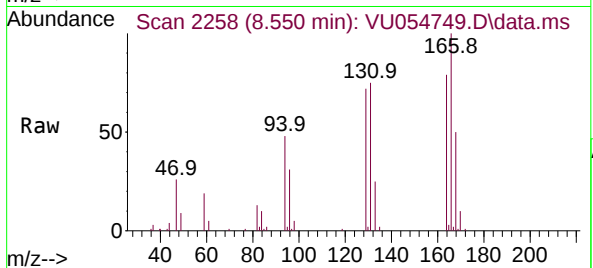
H0FC2

Tgt Ion:129 Resp: 21768

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.219 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU054749.D

Acq: 03 Jul 2023 15:14

Tgt Ion: 75 Resp: 15085

Ion Ratio Lower Upper

75 100

110 2.8 28.0 42.0#

77 33.4 25.4 38.2

