

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062408.D
 Acq On : 18 Dec 2024 00:39
 Operator : MD/SY
 Sample : P5309-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

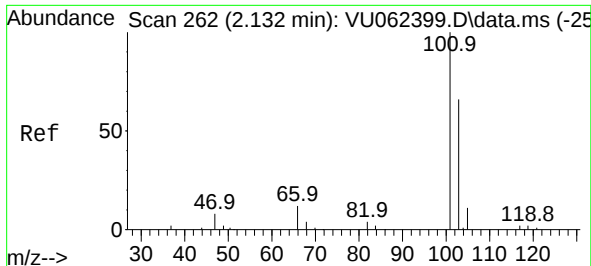
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:15:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 18 01:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	92735	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	88265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	42598	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26691	4.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.907	69	21741	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.560	65	13294	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.624	46	64223	53.574	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.140%
24) Chloroform-d	5.052	84	64585	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.692	65	37151	5.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.717	84	117509	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.682	67	34763	4.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.891	98	109540	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	14038	4.385	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.627	63	48147	49.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29117	5.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	41907	5.339	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.129	101	3073	0.250	ug/L	93
35) Methylcyclohexane	6.682	83	9162	0.798	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	4336	0.651	ug/L #	87
47) Tetrachloroethene	8.547	164	15346	2.565	ug/L	97
49) Dibromochloromethane	8.544	129	15767	2.595	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4187	1.063	ug/L #	66

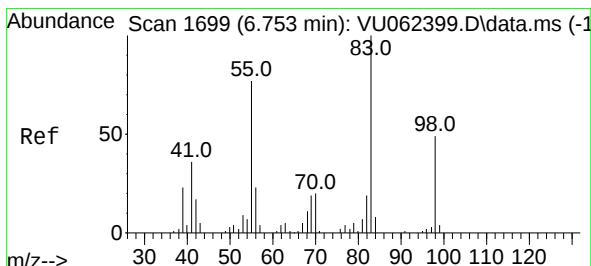
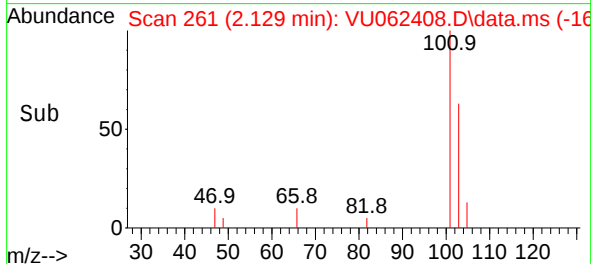
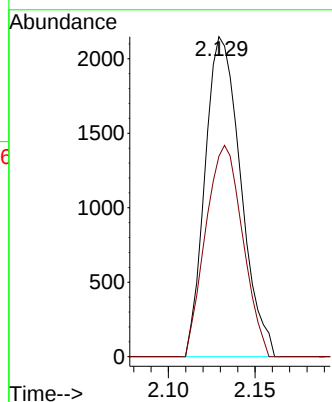
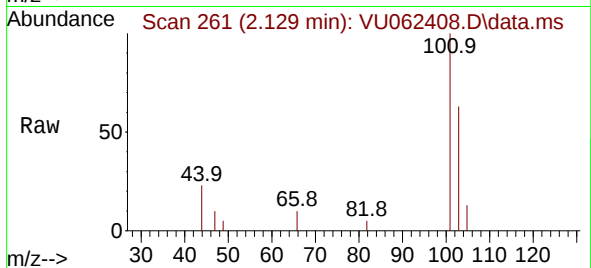
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
Trichlorofluoromethane
Concen: 0.250 ug/L
RT: 2.129 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU062408.D
Acq: 18 Dec 2024 00:39

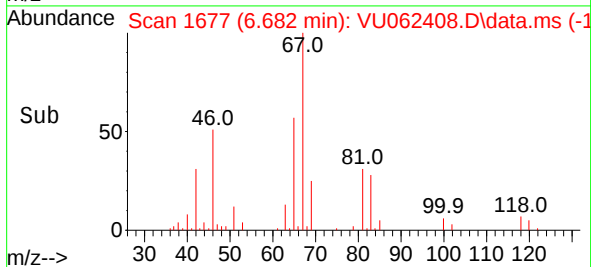
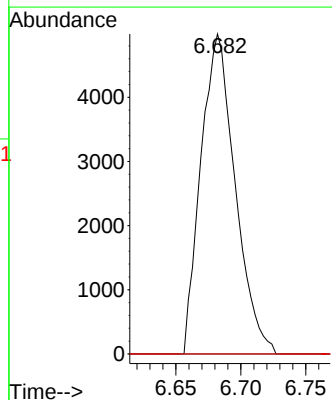
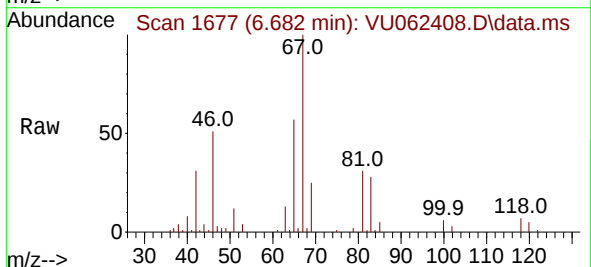
Instrument :
MSVOA_U
ClientSampleId :

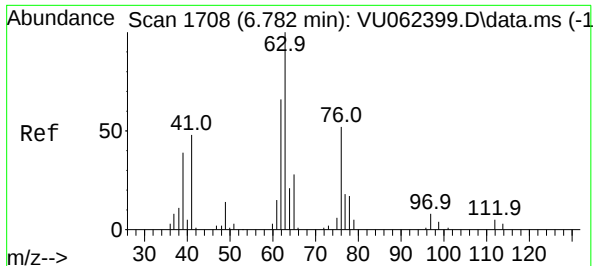
Tgt Ion:101 Resp: 3073
Ion Ratio Lower Upper
101 100
103 68.6 50.6 75.8



#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062408.D
Acq: 18 Dec 2024 00:39

Tgt Ion: 83 Resp: 9162
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.2 34.8 52.2#

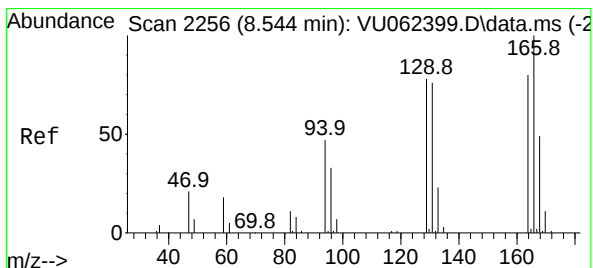
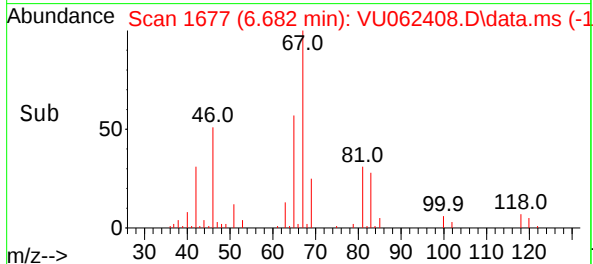
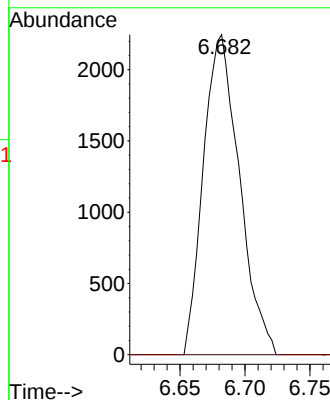
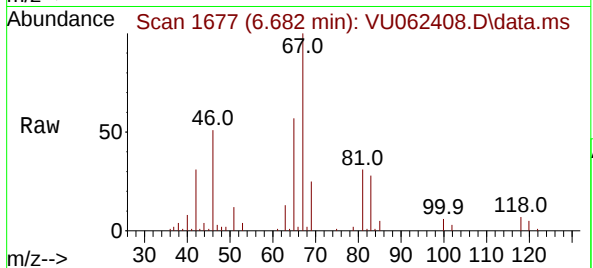




#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062408.D
Acq: 18 Dec 2024 00:39

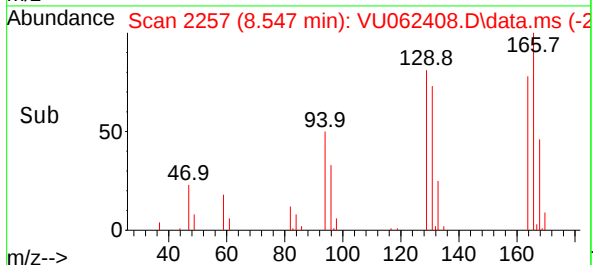
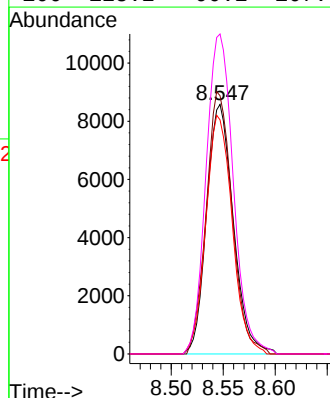
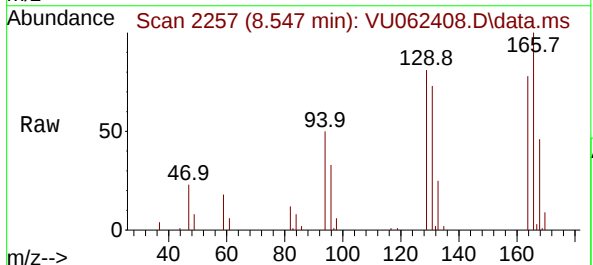
Instrument :
MSVOA_U
ClientSampleId :

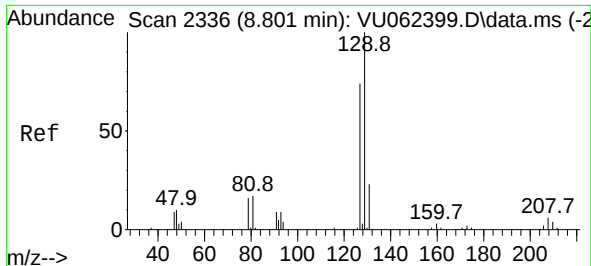
Tgt Ion: 63 Resp: 4336
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 2.565 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062408.D
Acq: 18 Dec 2024 00:39

Tgt Ion:164 Resp: 15346
Ion Ratio Lower Upper
164 100
129 103.5 73.2 136.0
131 93.8 72.3 134.3
166 128.2 90.2 167.4





#49

Dibromochloromethane

Concen: 2.595 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU062408.D

Acq: 18 Dec 2024 00:39

Instrument :

MSVOA_U

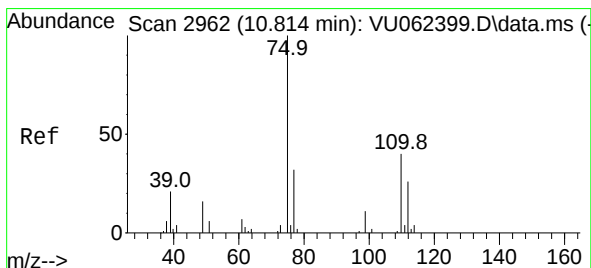
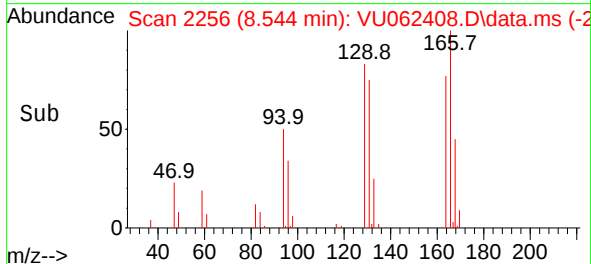
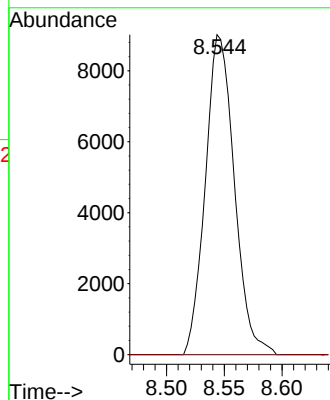
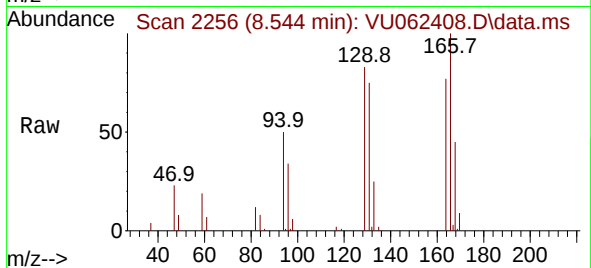
ClientSampleId :

Tgt Ion:129 Resp: 15767

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.063 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062408.D

Acq: 18 Dec 2024 00:39

Tgt Ion: 75 Resp: 4187

Ion Ratio Lower Upper

75 100

110 1.0 28.9 43.3#

77 36.7 26.5 39.7

