

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058345.D
 Acq On : 02 Apr 2024 18:31
 Operator : MD/SY
 Sample : P1912-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

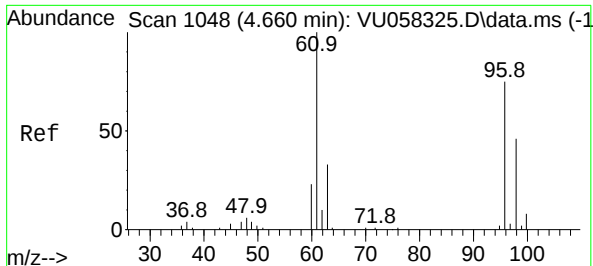
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 02:05:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

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

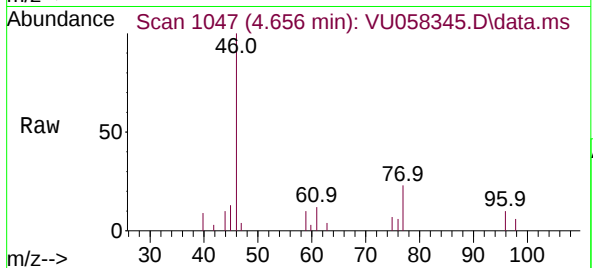
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72944	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32225	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21424	3.476	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.907	69	21409	4.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.560	65	9574	3.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.618	46	55019	50.240	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.480%
24) Chloroform-d	5.052	84	46948	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.692	65	24271	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.718	84	96273	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.682	67	31065	4.522	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.891	98	79433	3.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.177	79	8592	3.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.627	63	40535	45.471	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.940%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20810	4.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27093	4.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.656	96	1288	0.273	ug/L	86
35) Methylcyclohexane	6.682	83	6786	0.991	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3114	0.591	ug/L #	90
47) Tetrachloroethene	8.550	164	6053	1.840	ug/L	94
49) Dibromochloromethane	8.544	129	5965	1.644	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4300	1.593	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.637	105	1918	0.118	ug/L #	30
63) 1,2,4-Trimethylbenzene	11.637	105	1918	0.119	ug/L #	31

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

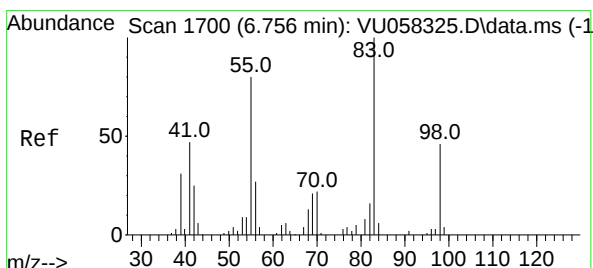
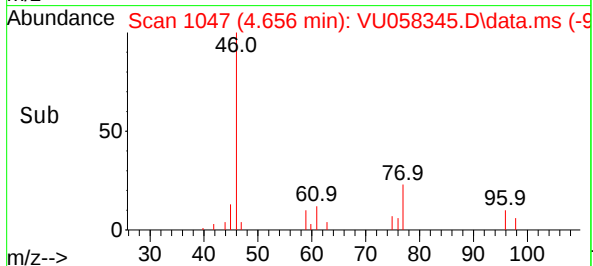
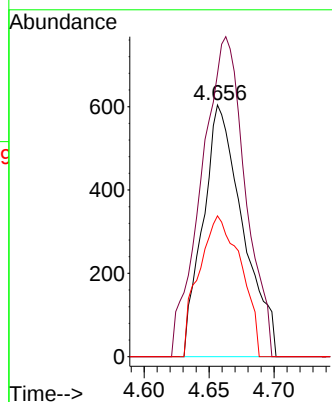


#22
 cis-1,2-Dichloroethene
 Concen: 0.273 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU058345.D
 Acq: 02 Apr 2024 18:31

Instrument :
 MSVOA_U
 ClientSampleId :

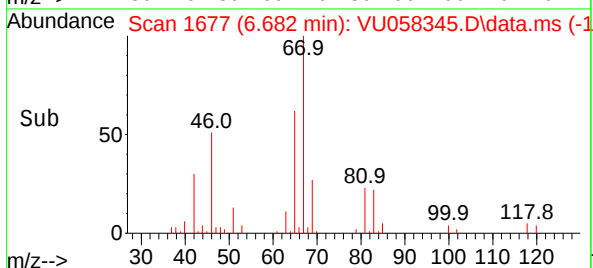
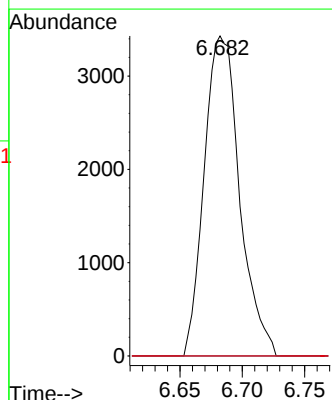
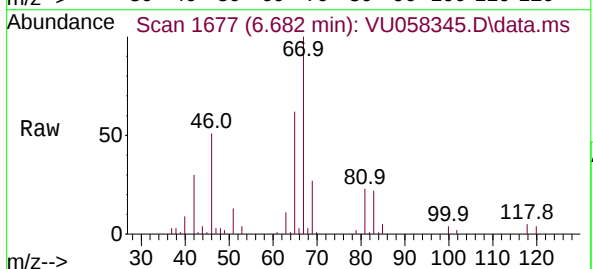


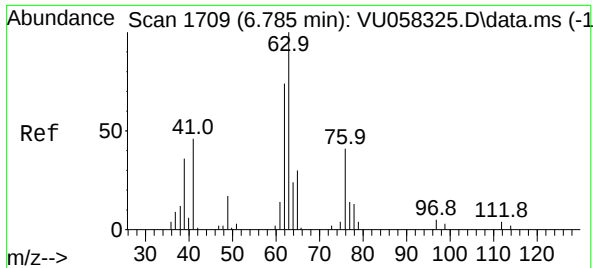
Tgt Ion: 96 Resp: 1288
 Ion Ratio Lower Upper
 96 100
 61 112.4 92.8 172.4
 98 56.0 43.2 80.2



#35
 Methylcyclohexane
 Concen: 0.991 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU058345.D
 Acq: 02 Apr 2024 18:31

Tgt Ion: 83 Resp: 6786
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.7 94.1#
 98 0.0 37.3 55.9#

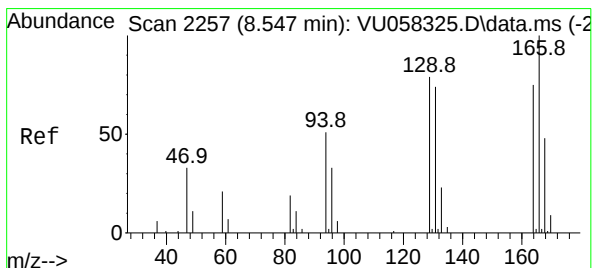
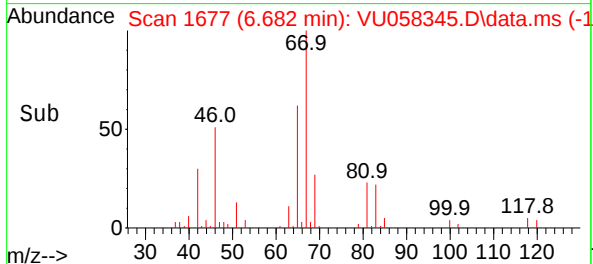
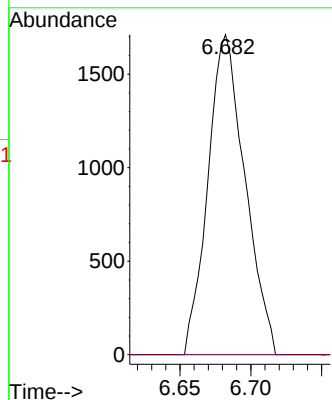
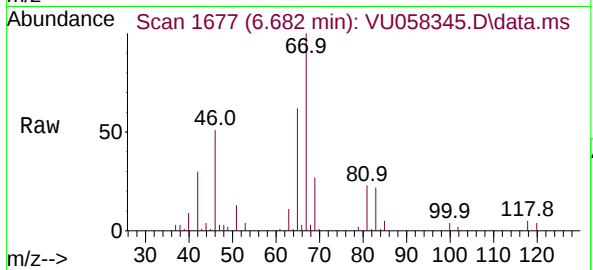




#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058345.D
Acq: 02 Apr 2024 18:31

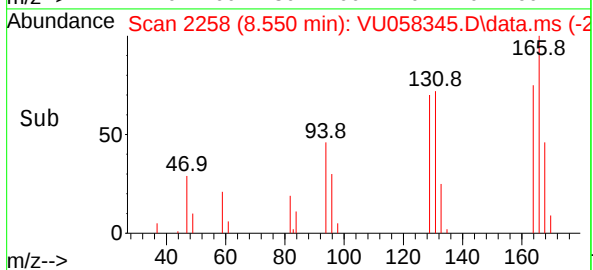
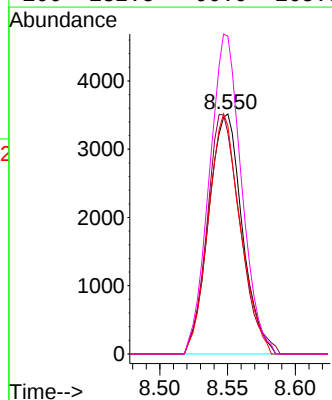
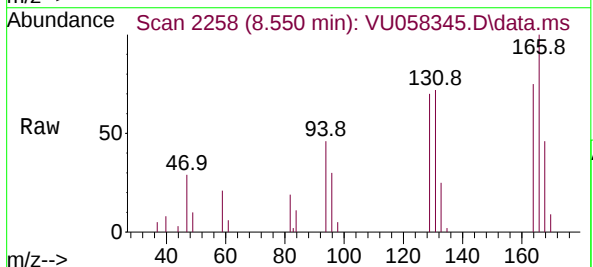
Instrument :
MSVOA_U
ClientSampleId :

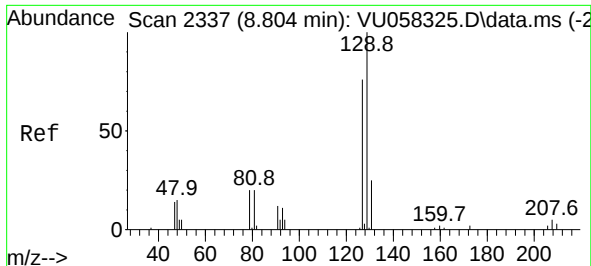
Tgt Ion: 63 Resp: 3114
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 1.840 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058345.D
Acq: 02 Apr 2024 18:31

Tgt Ion:164 Resp: 6053
Ion Ratio Lower Upper
164 100
129 92.1 71.3 132.3
131 95.1 70.8 131.4
166 132.5 90.9 168.9





#49

Dibromochloromethane

Concen: 1.644 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU058345.D

Acq: 02 Apr 2024 18:31

Instrument :

MSVOA_U

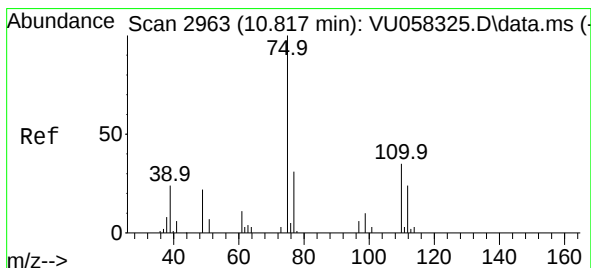
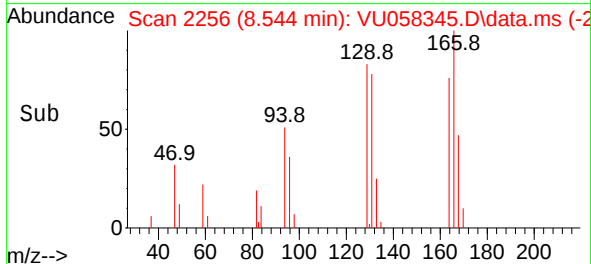
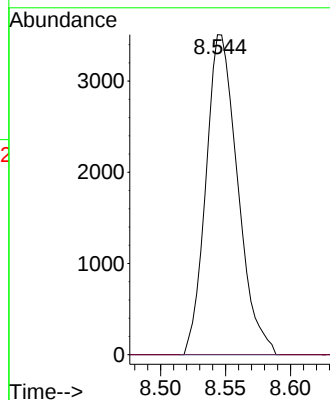
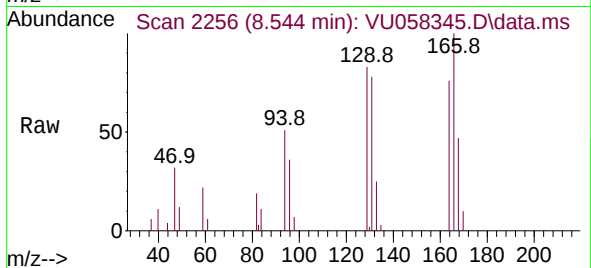
ClientSampleId :

Tgt Ion:129 Resp: 5965

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.593 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058345.D

Acq: 02 Apr 2024 18:31

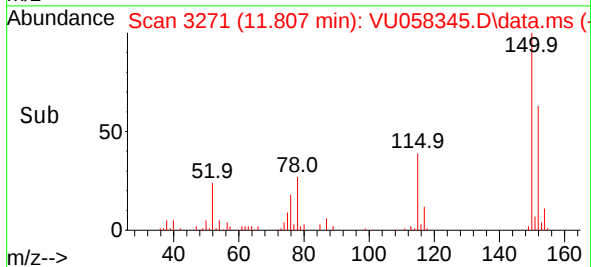
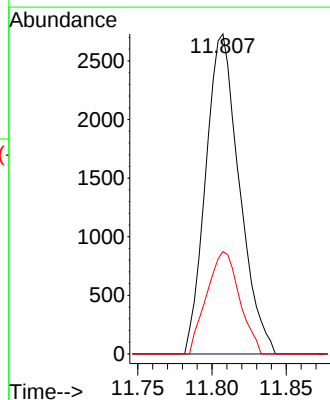
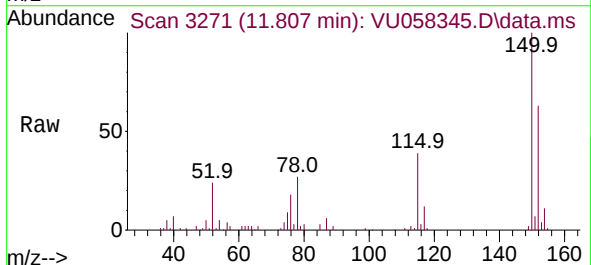
Tgt Ion: 75 Resp: 4300

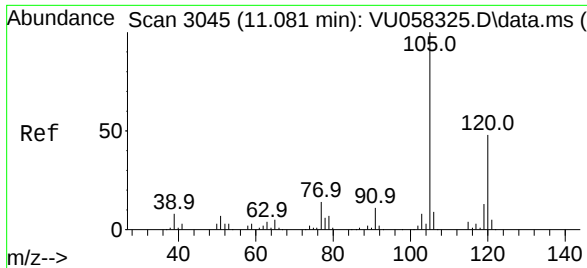
Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 31.2 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 0.118 ug/L

RT: 11.637 min Scan# 3218

Delta R.T. 0.556 min

Lab File: VU058345.D

Acq: 02 Apr 2024 18:31

Instrument :

MSVOA_U

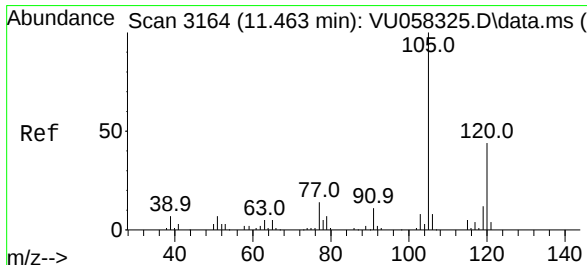
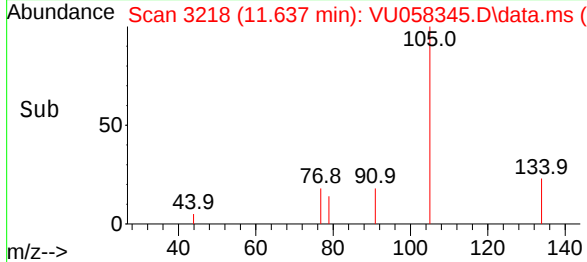
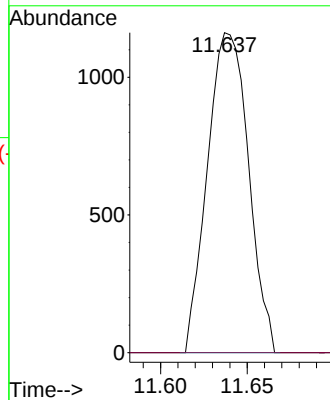
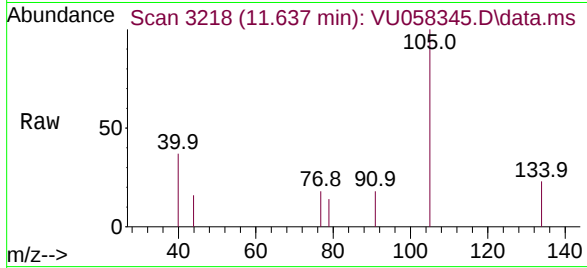
ClientSampleId :

Tgt Ion:105 Resp: 1918

Ion Ratio Lower Upper

105 100

120 0.0 36.7 55.1#



#63

1,2,4-Trimethylbenzene

Concen: 0.119 ug/L

RT: 11.637 min Scan# 3218

Delta R.T. 0.174 min

Lab File: VU058345.D

Acq: 02 Apr 2024 18:31

Tgt Ion:105 Resp: 1918

Ion Ratio Lower Upper

105 100

120 0.0 35.9 53.9#

