

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022224\
 Data File : VU057935.D
 Acq On : 22 Feb 2024 19:24
 Operator : MD/SY
 Sample : P1567-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 23 00:06:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 23 00:03:12 2024
 Response via : Initial Calibration

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

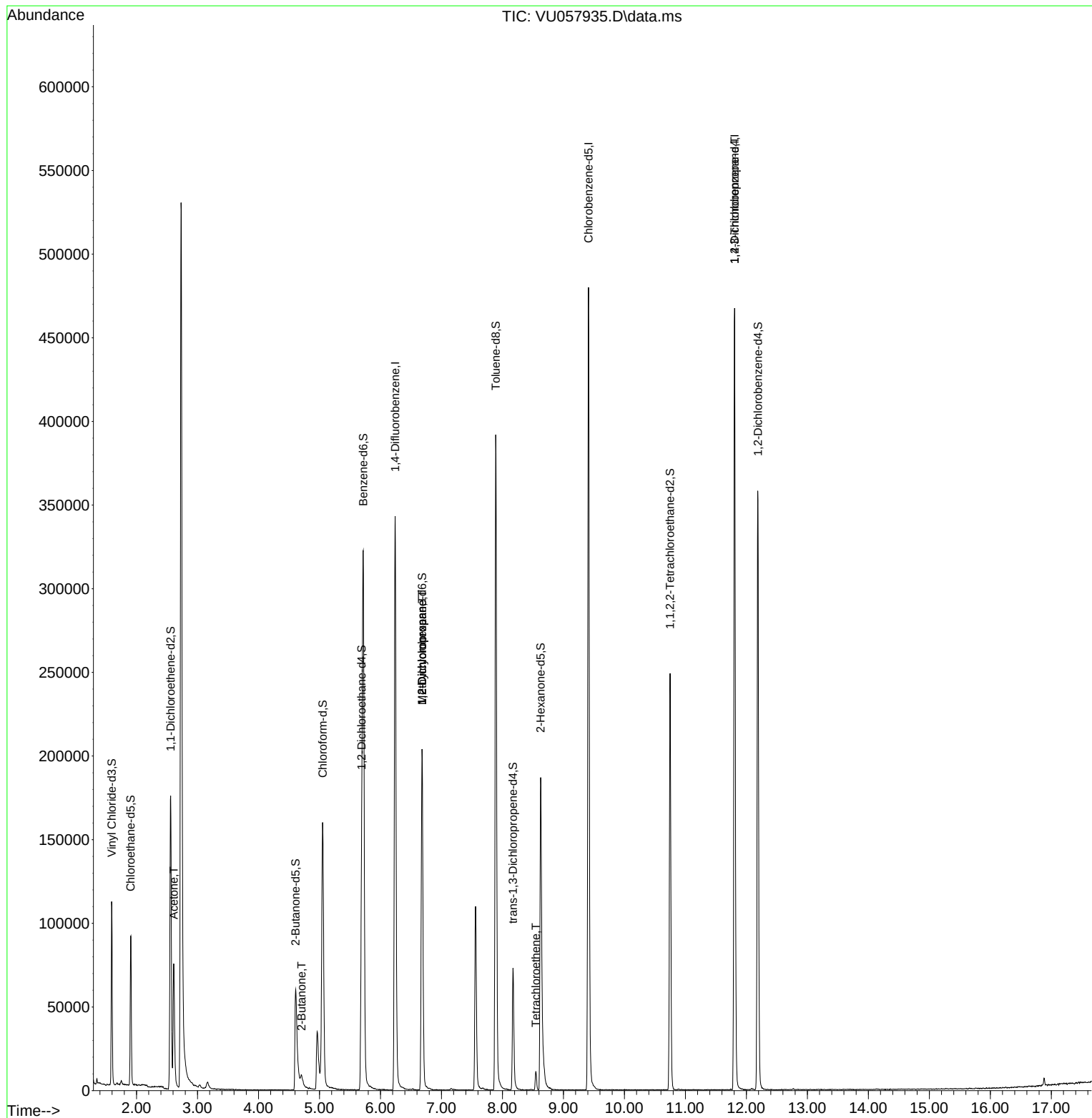
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	273674	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	262651	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	77696	39.214	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.420%
7) Chloroethane-d5	1.904	69	63069	43.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.140%
11) 1,1-Dichloroethene-d2	2.560	63	110557	29.941	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.880%#
21) 2-Butanone-d5	4.608	46	95552	126.927	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.930%
24) Chloroform-d	5.052	84	149074	44.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.740%
26) 1,2-Dichloroethane-d4	5.692	65	98517	46.777	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
32) Benzene-d6	5.718	84	301336	45.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.560%
36) 1,2-Dichloropropane-d6	6.682	67	100112	47.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.200%
41) Toluene-d8	7.891	98	263160	44.167	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.340%
43) trans-1,3-Dichloroprop...	8.174	79	43183	42.666	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.340%
47) 2-Hexanone-d5	8.627	63	66251	81.083	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.080%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	124340	42.396	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	89638	46.957	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.920%
Target Compounds						
					Qvalue	
13) Acetone	2.612	43	83596	59.975	ug/L	97
22) 2-Butanone	4.708	43	10669	6.318	ug/L	91
35) Methylcyclohexane	6.682	83	22547	5.893	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	11173	4.322	ug/L #	89
46) Tetrachloroethene	8.547	164	2391	1.475	ug/L	95
60) 1,2,3-Trichloropropane	11.807	75	15924	5.830	ug/L #	68

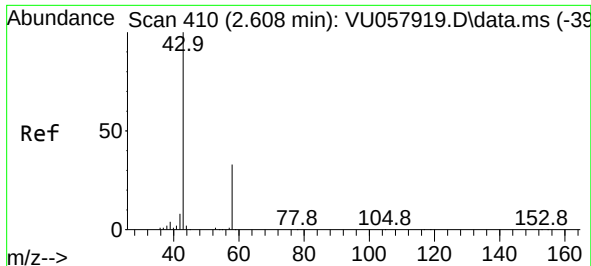
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 23 00:03:12 2024
Response via : Initial Calibration





#13

Acetone

Concen: 59.975 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU057935.D

Acq: 22 Feb 2024 19:24

Instrument :

MSVOA_U

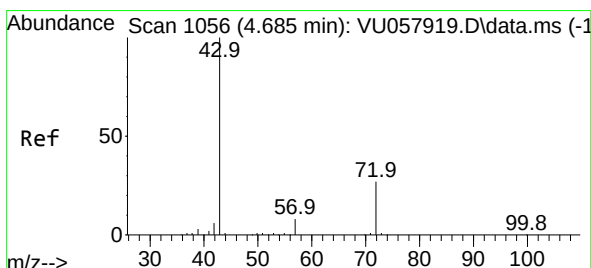
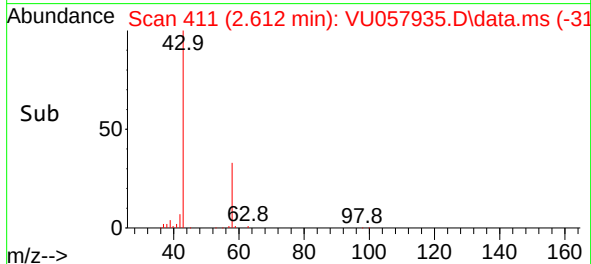
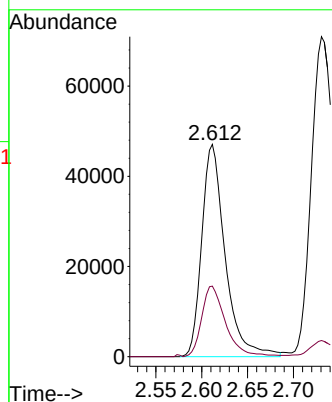
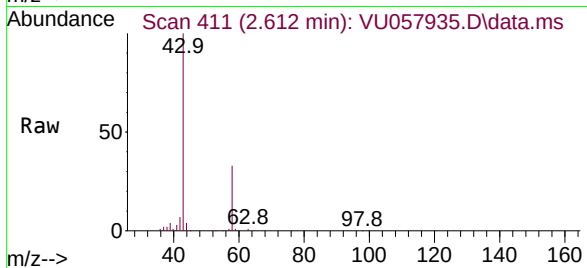
ClientSampleId :

Tgt Ion: 43 Resp: 83596

Ion Ratio Lower Upper

43 100

58 33.6 0.0 64.2



#22

2-Butanone

Concen: 6.318 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.023 min

Lab File: VU057935.D

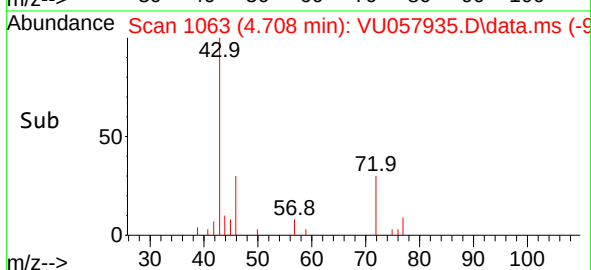
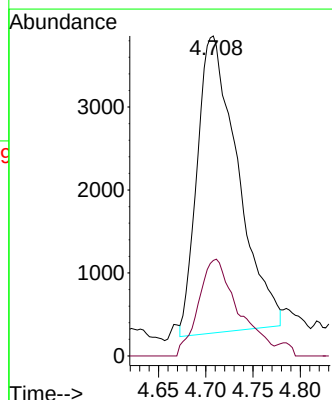
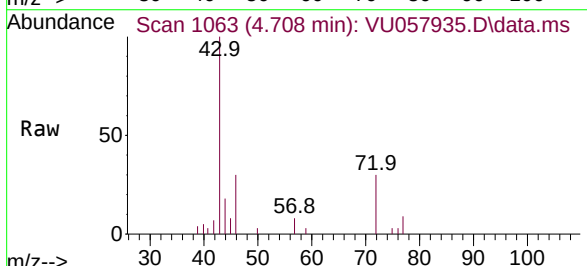
Acq: 22 Feb 2024 19:24

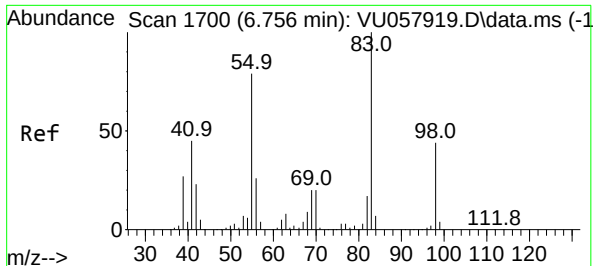
Tgt Ion: 43 Resp: 10669

Ion Ratio Lower Upper

43 100

72 32.2 13.8 41.3





#35

Methylcyclohexane

Concen: 5.893 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU057935.D

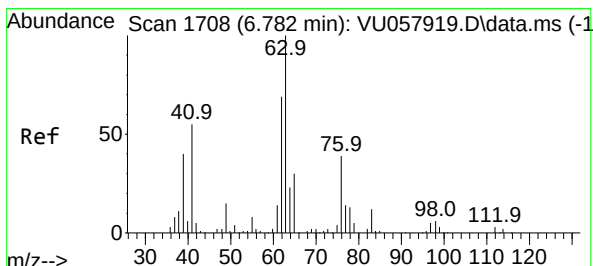
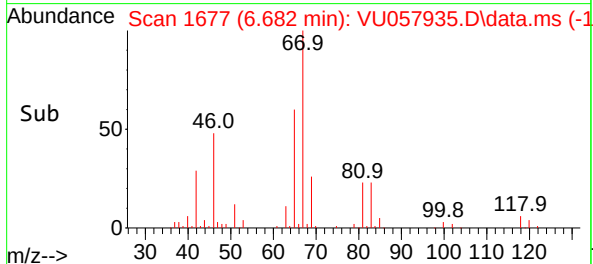
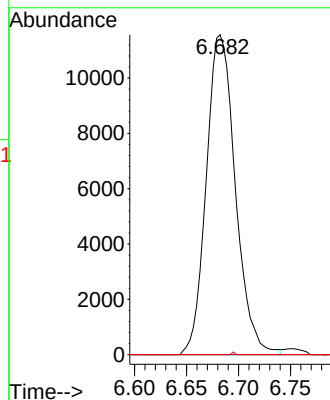
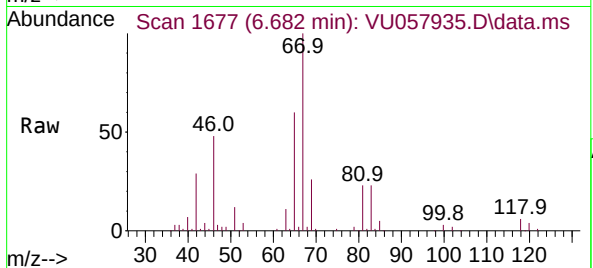
Acq: 22 Feb 2024 19:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	22547
Ion Ratio	Lower	Upper	
83	100		
55	0.0	62.7	94.1#
98	0.2	36.3	54.5#



#37

1,2-Dichloropropane

Concen: 4.322 ug/L

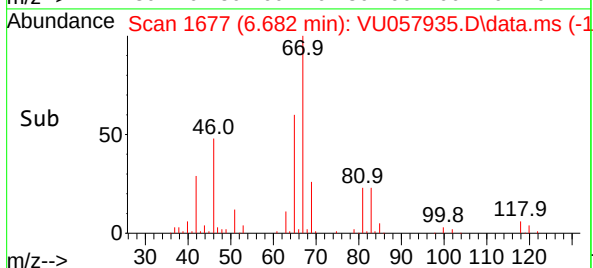
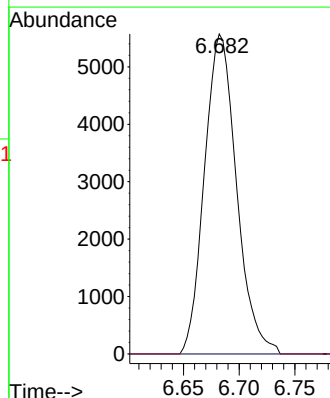
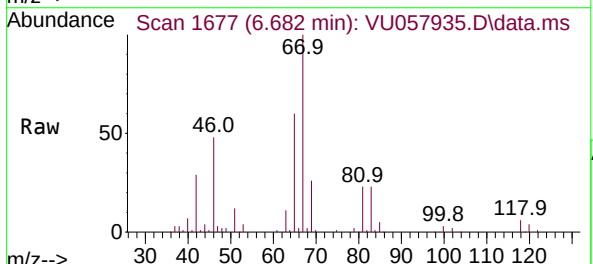
RT: 6.682 min Scan# 1677

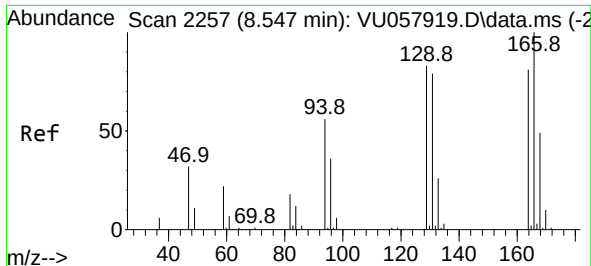
Delta R.T. -0.100 min

Lab File: VU057935.D

Acq: 22 Feb 2024 19:24

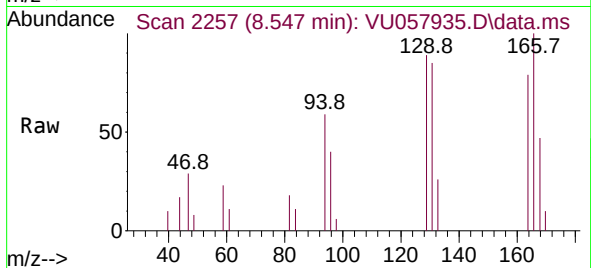
Tgt Ion:	63	Resp:	11173
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.9	4.3#



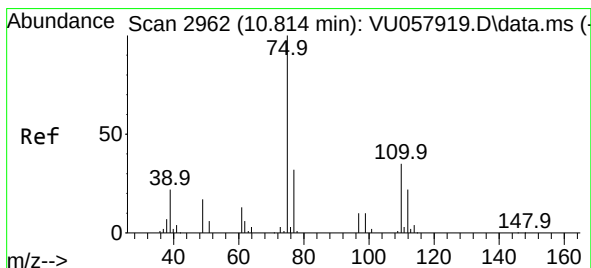
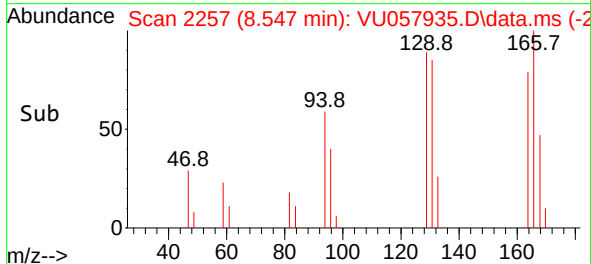
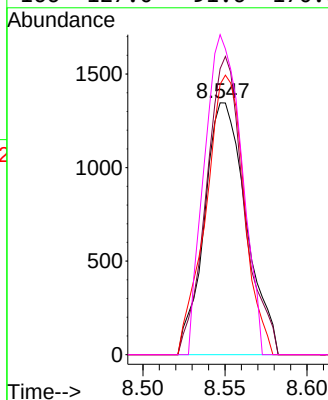


#46
Tetrachloroethene
Concen: 1.475 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057935.D
Acq: 22 Feb 2024 19:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	164	Resp:	2391
Ion	Ratio	Lower	Upper
164	100		
129	113.5	74.1	137.7
131	107.4	72.0	133.6
166	127.0	91.6	170.0



#60
1,2,3-Trichloropropane
Concen: 5.830 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU057935.D
Acq: 22 Feb 2024 19:24

Tgt Ion:	75	Resp:	15924
Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.9	38.9
110	0.9	28.3	42.5

