

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060065.D
 Acq On : 19 Jul 2024 17:06
 Operator : MD/SY
 Sample : P3298-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 01:41:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

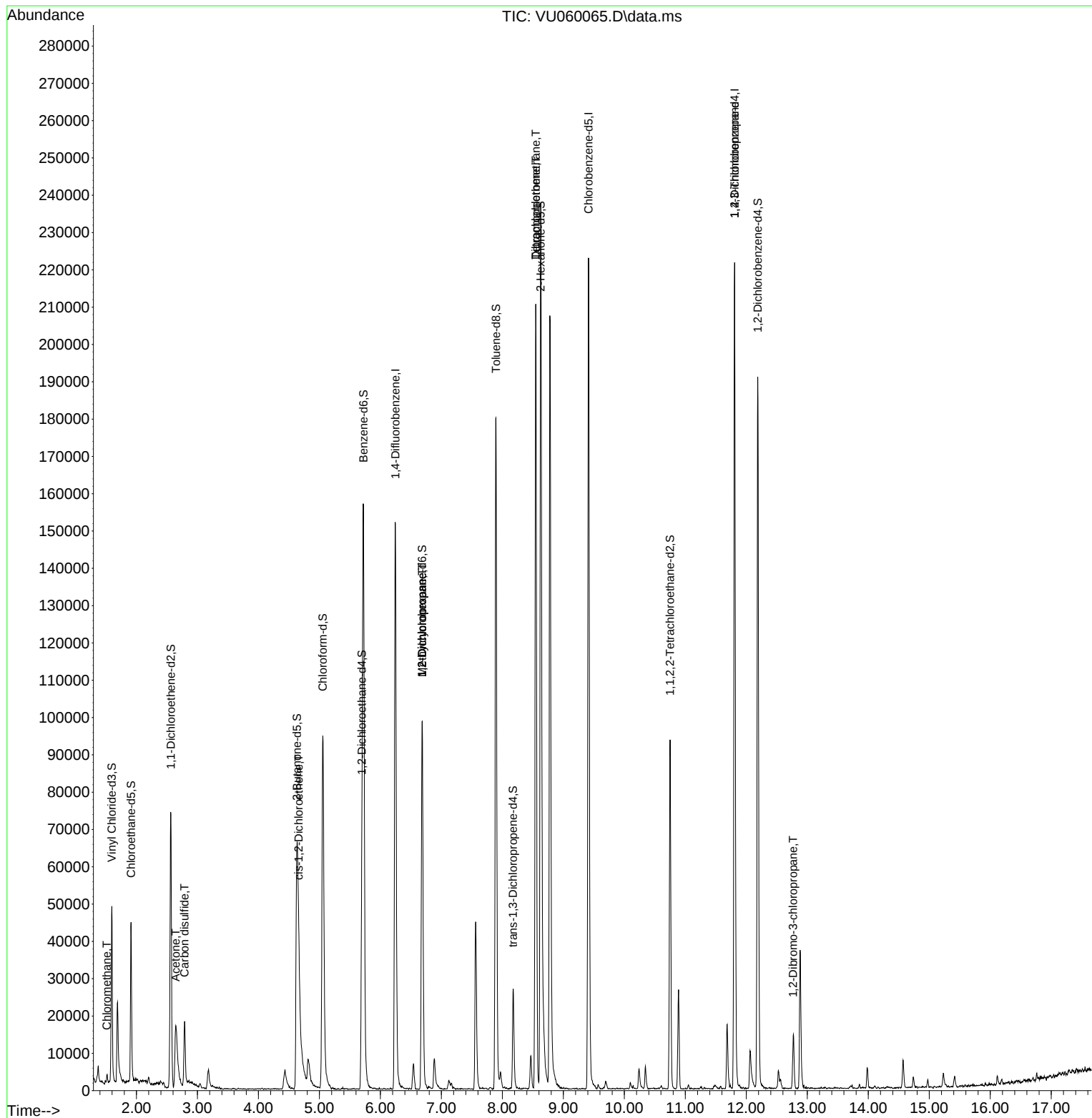
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	135863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	138774	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32521	3.440	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.911	69	32917	3.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.563	65	13438	3.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.631	46	112558	50.931	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.860%
24) Chloroform-d	5.055	84	80969	4.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.695	65	40339	4.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.721	84	157934	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.682	67	52942	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.894	98	131331	3.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.174	79	17226	4.271	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.627	63	88938	49.696	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49476	4.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	56880	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1646	0.133	ug/L	98
13) Acetone	2.644	43	34987	23.932	ug/L	95
14) Carbon disulfide	2.789	76	23722	0.786	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	7240	0.599	ug/L	97
35) Methylcyclohexane	6.685	83	11700	0.734	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	5122	0.414	ug/L #	88
47) Tetrachloroethene	8.547	164	51317	5.105	ug/L	98
49) Dibromochloromethane	8.547	129	45559	4.352	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	7045	1.028	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.766	75	135	0.101	ug/L #	1

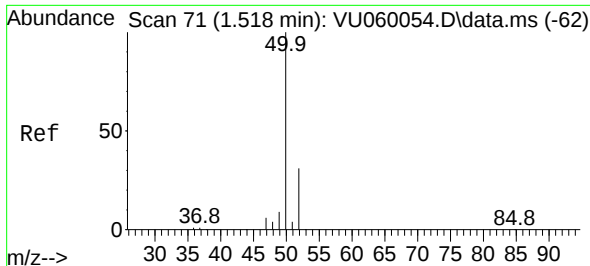
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 20 01:41:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 20 01:37:26 2024
Response via : Initial Calibration

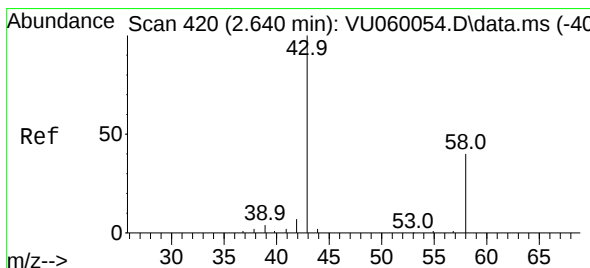
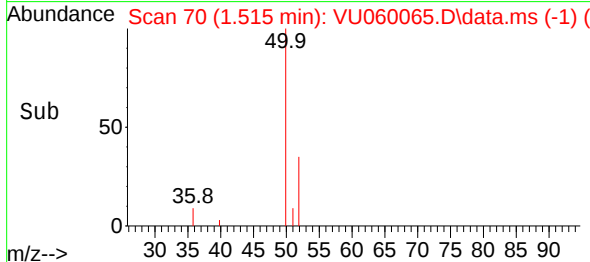
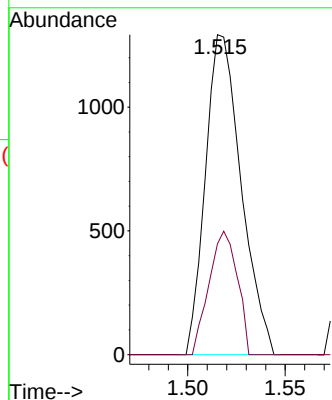
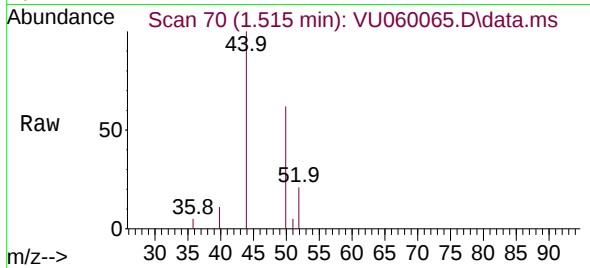




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060065.D
Acq: 19 Jul 2024 17:06

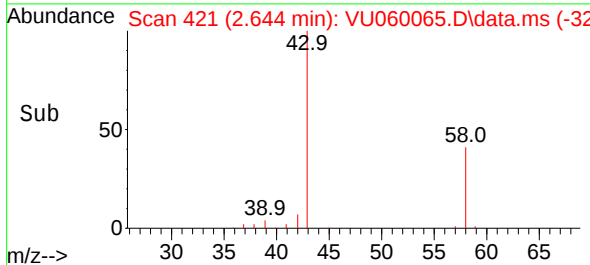
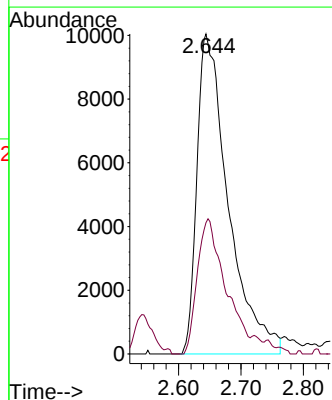
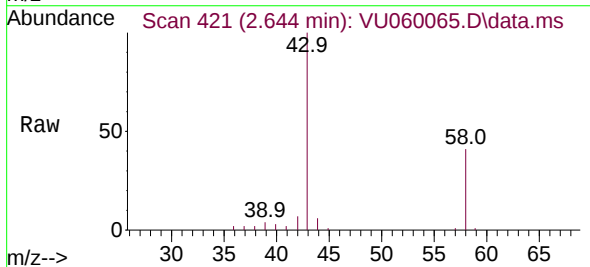
Instrument :
MSVOA_U
ClientSampleId :

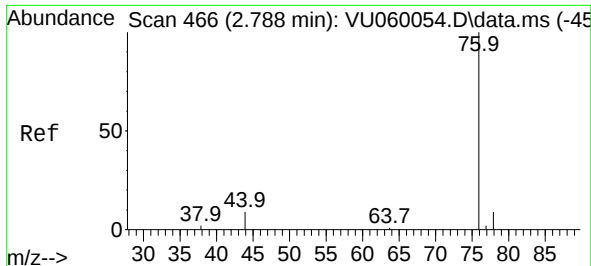
Tgt Ion: 50 Resp: 1646
Ion Ratio Lower Upper
50 100
52 34.6 23.4 43.4



#13
Acetone
Concen: 23.932 ug/L
RT: 2.644 min Scan# 421
Delta R.T. 0.003 min
Lab File: VU060065.D
Acq: 19 Jul 2024 17:06

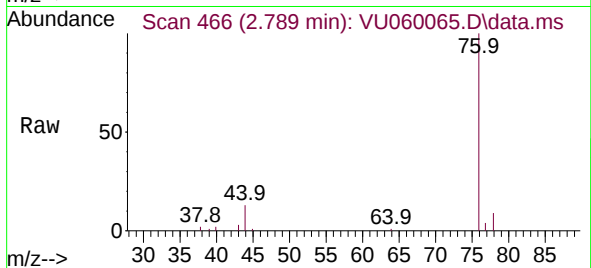
Tgt Ion: 43 Resp: 34987
Ion Ratio Lower Upper
43 100
58 38.1 0.0 82.2



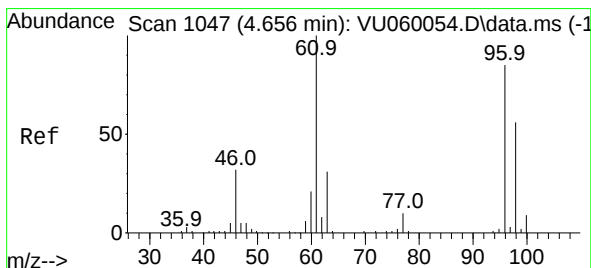
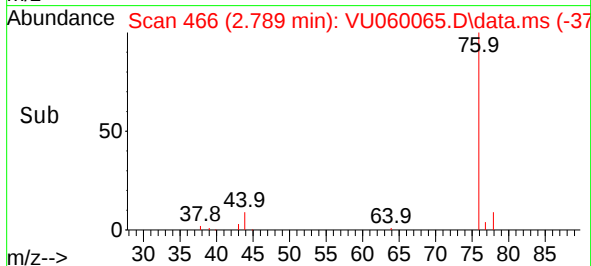
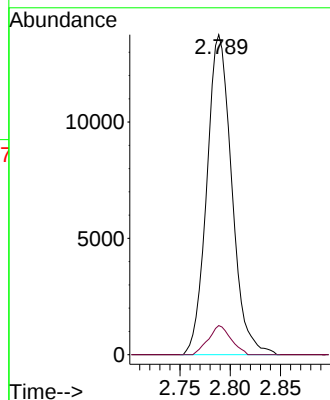


#14
Carbon disulfide
Concen: 0.786 ug/L
RT: 2.789 min Scan# 40
Delta R.T. 0.000 min
Lab File: VU060065.D
Acq: 19 Jul 2024 17:06

Instrument :
MSVOA_U
ClientSampleId :

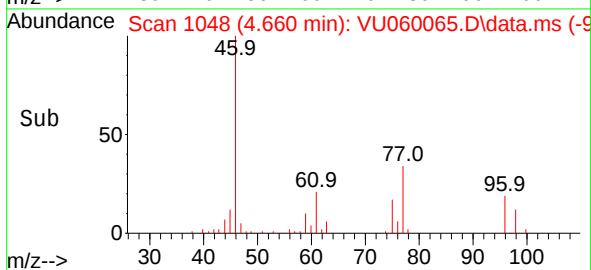
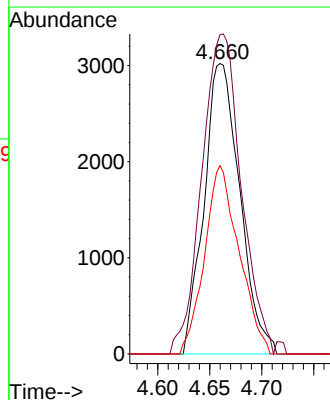
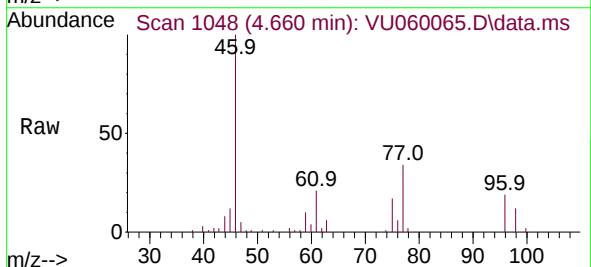


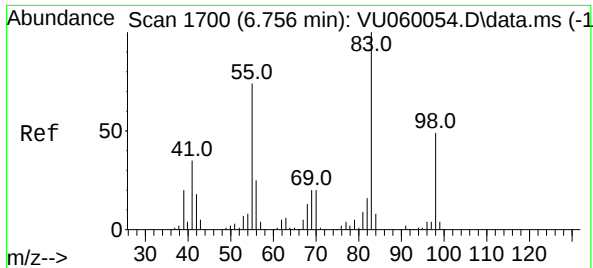
Tgt Ion: 76 Resp: 23722
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#22
cis-1,2-Dichloroethene
Concen: 0.599 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060065.D
Acq: 19 Jul 2024 17:06

Tgt Ion: 96 Resp: 7240
Ion Ratio Lower Upper
96 100
61 110.0 80.2 148.9
98 64.8 44.7 83.1

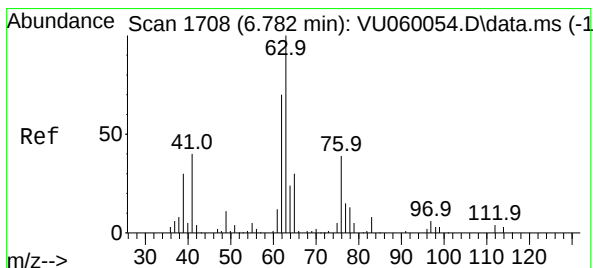
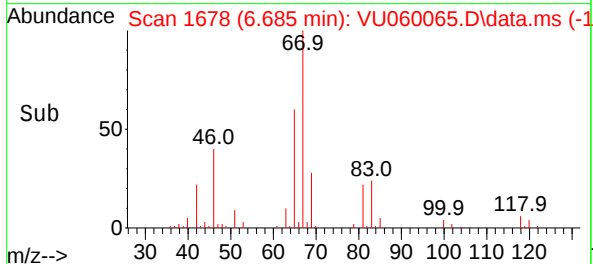
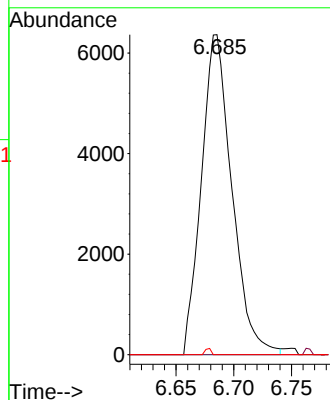
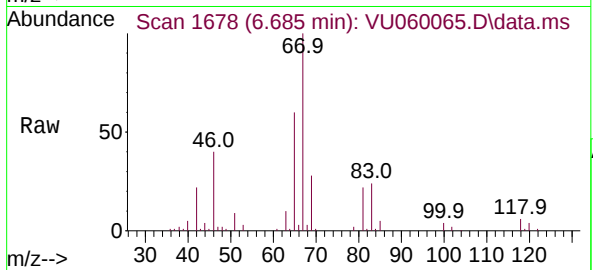




#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060065.D
Acq: 19 Jul 2024 17:06

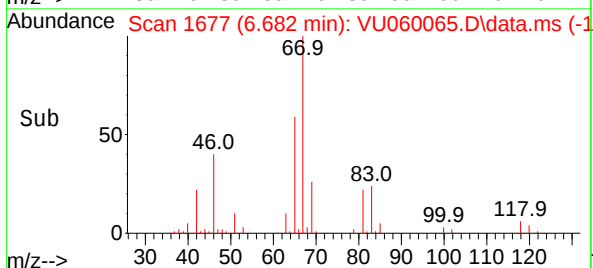
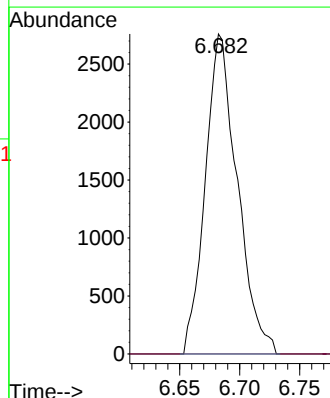
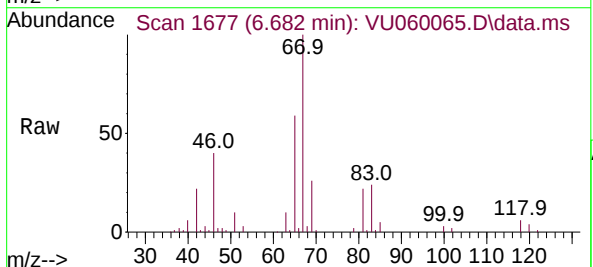
Instrument :
MSVOA_U
ClientSampleId :

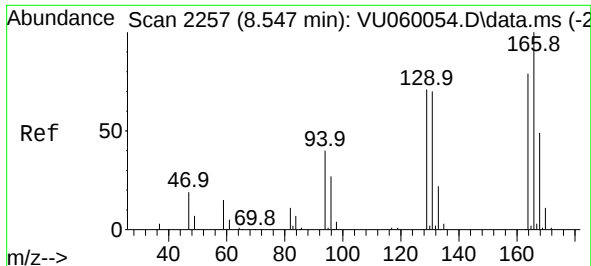
Tgt Ion: 83 Resp: 11700
Ion Ratio Lower Upper
83 100
55 0.4 56.7 85.1#
98 0.4 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.414 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.099 min
Lab File: VU060065.D
Acq: 19 Jul 2024 17:06

Tgt Ion: 63 Resp: 5122
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 5.105 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

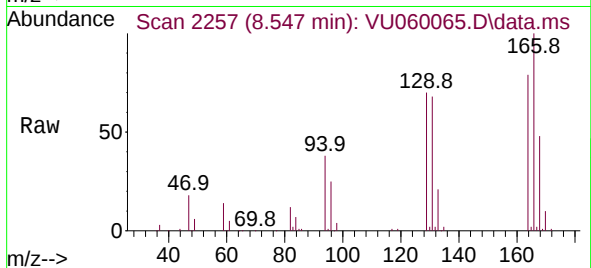
Lab File: VU060065.D

Acq: 19 Jul 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 51317

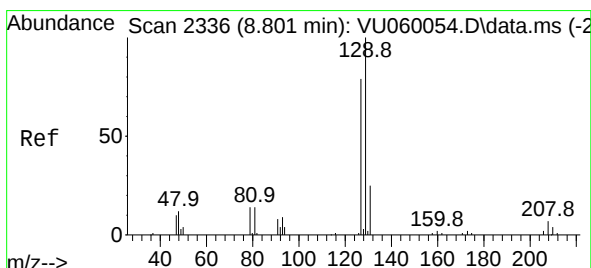
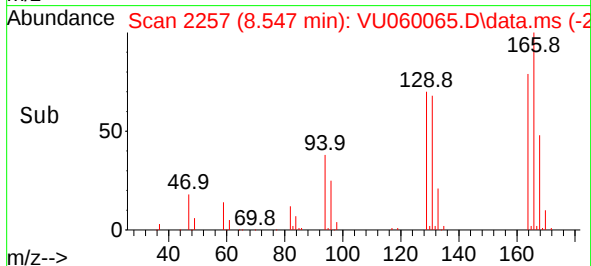
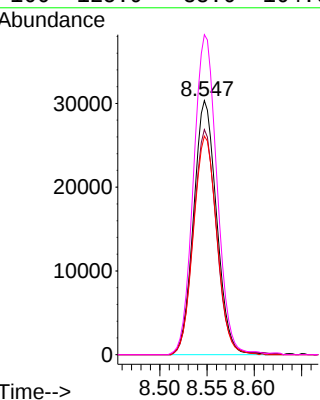
Ion Ratio Lower Upper

164 100

129 88.6 64.6 120.0

131 86.0 61.2 113.8

166 125.9 88.6 164.6



#49

Dibromochloromethane

Concen: 4.352 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060065.D

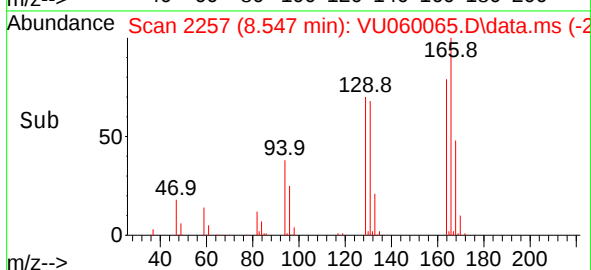
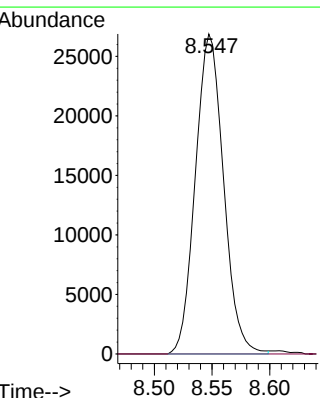
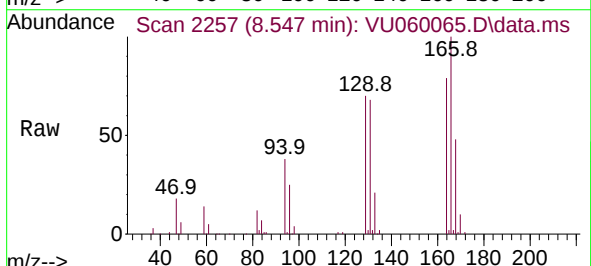
Acq: 19 Jul 2024 17:06

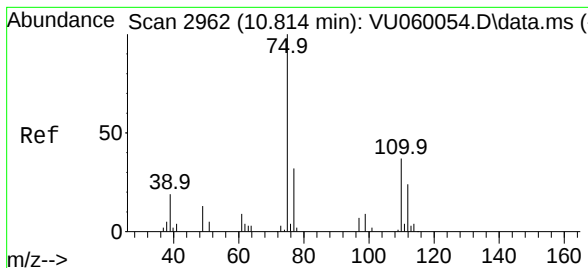
Tgt Ion:129 Resp: 45559

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#





#61

1,2,3-Trichloropropane

Concen: 1.028 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.994 min

Lab File: VU060065.D

Acq: 19 Jul 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :

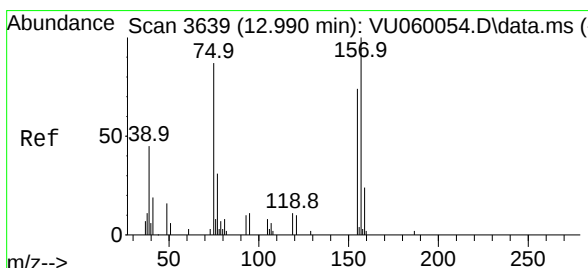
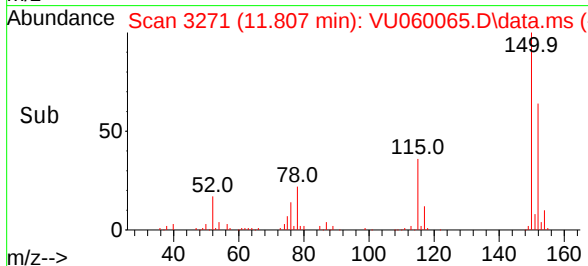
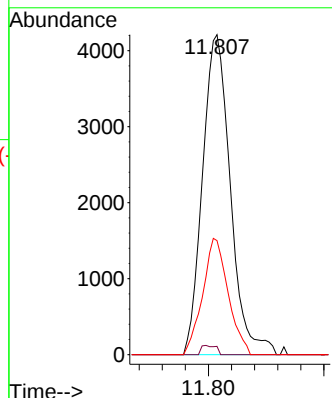
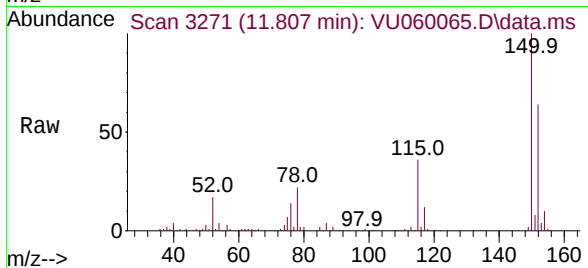
Tgt Ion: 75 Resp: 7045

Ion Ratio Lower Upper

75 100

110 1.5 30.8 46.2#

77 33.3 26.2 39.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.101 ug/L

RT: 12.766 min Scan# 3569

Delta R.T. -0.225 min

Lab File: VU060065.D

Acq: 19 Jul 2024 17:06

Tgt Ion: 75 Resp: 135

Ion Ratio Lower Upper

75 100

155 0.0 70.6 105.8#

157 0.0 99.4 149.2#

