

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060019.D
 Acq On : 18 Jul 2024 16:00
 Operator : MD/SY
 Sample : P3298-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:34:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:30:22 2024
 Response via : Initial Calibration

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

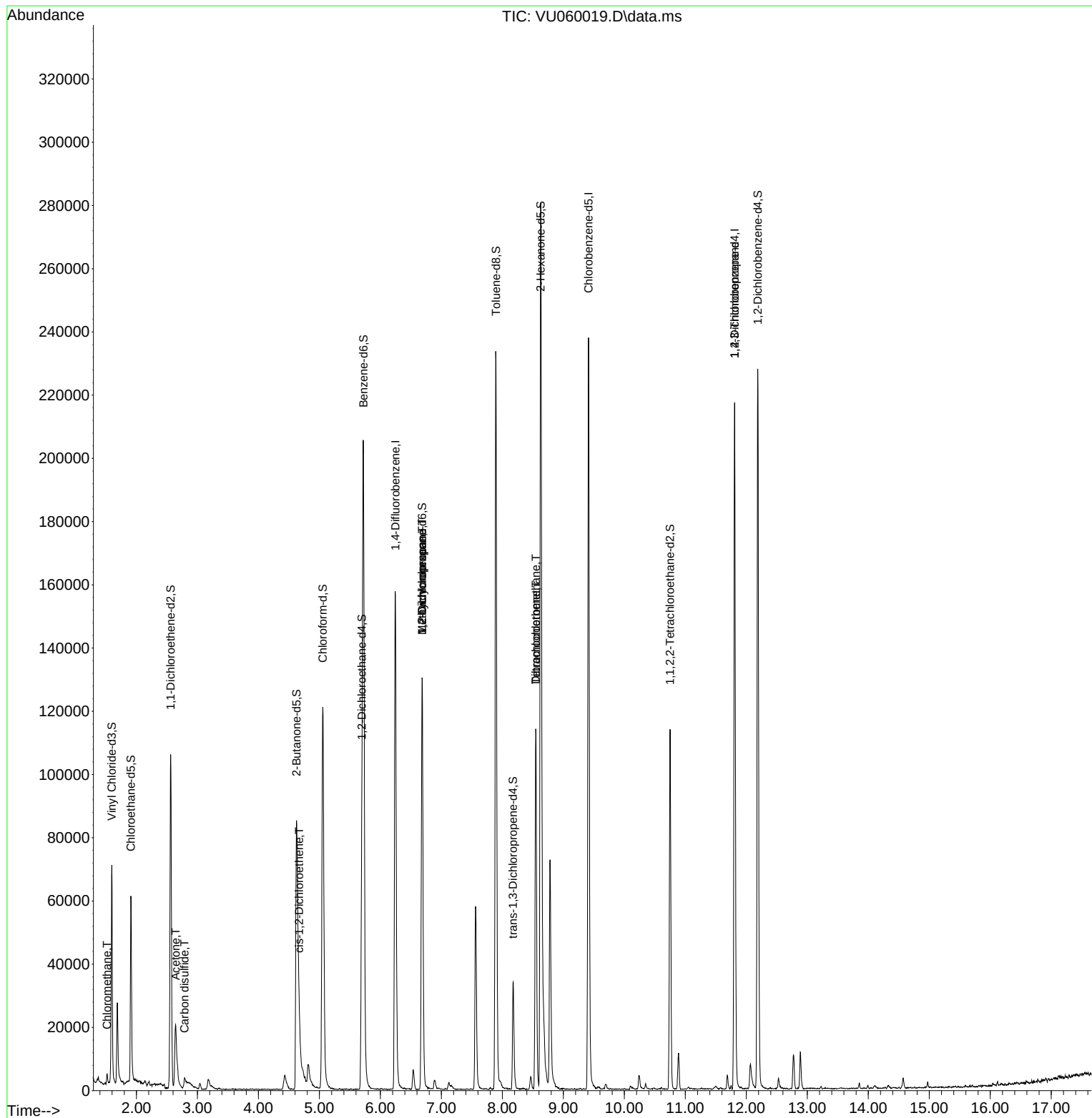
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	139508	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64414	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49196	5.068	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.908	69	45954	5.096	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.560	65	19467	5.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	4.624	46	135057	59.514	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.020%
24) Chloroform-d	5.055	84	102970	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	53240	5.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	5.721	84	203218	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.685	67	67614	5.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.894	98	168909	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.174	79	22357	5.272	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.627	63	104120	55.328	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.660%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	61142	5.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	68306	5.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.400%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2165	0.170	ug/L	97
13) Acetone	2.641	43	33872	22.564	ug/L	96
14) Carbon disulfide	2.788	76	3917	0.126	ug/L	100
22) cis-1,2-Dichloroethene	4.666	96	4258	0.343	ug/L	85
35) Methylcyclohexane	6.685	83	15914	0.950	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	6227	0.478	ug/L #	88
47) Tetrachloroethene	8.547	164	27978	2.647	ug/L	97
49) Dibromochloromethane	8.547	129	25283	2.297	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	7151	1.053	ug/L #	65

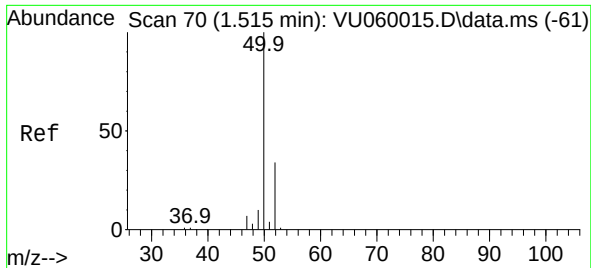
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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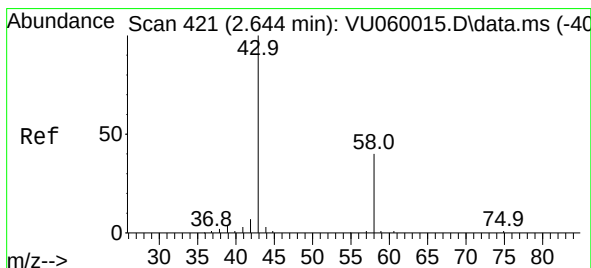
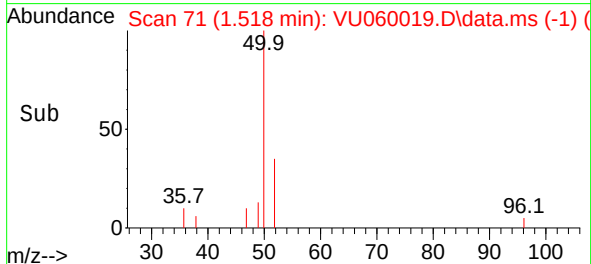
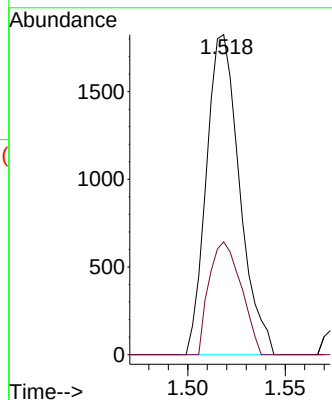
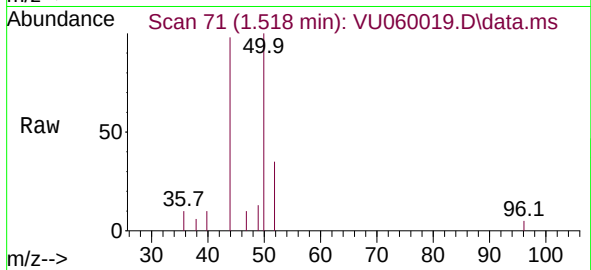




#3
Chloromethane
Concen: 0.170 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU060019.D
Acq: 18 Jul 2024 16:00

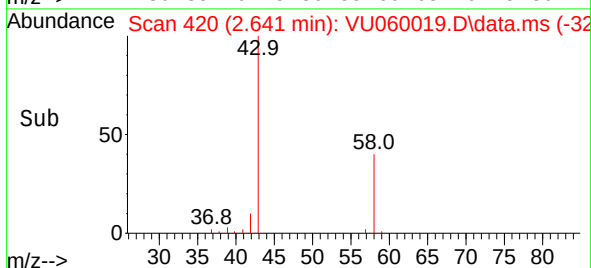
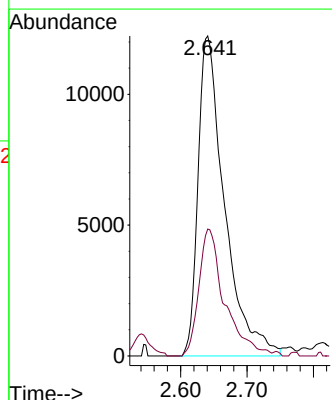
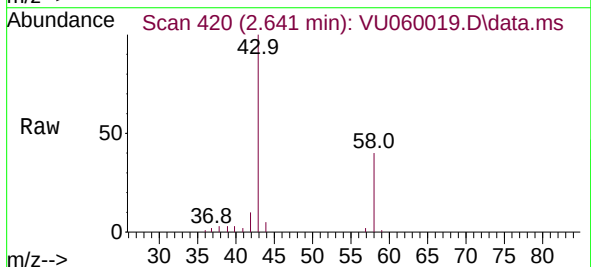
Instrument :
MSVOA_U
ClientSampleId :

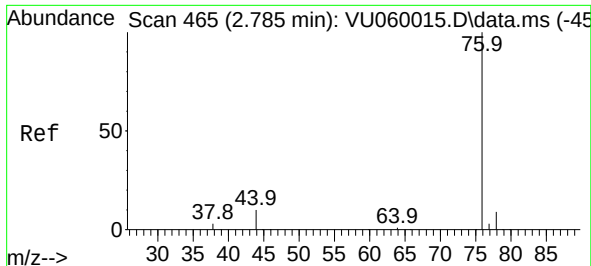
Tgt Ion: 50 Resp: 2165
Ion Ratio Lower Upper
50 100
52 35.2 23.4 43.4



#13
Acetone
Concen: 22.564 ug/L
RT: 2.641 min Scan# 420
Delta R.T. -0.003 min
Lab File: VU060019.D
Acq: 18 Jul 2024 16:00

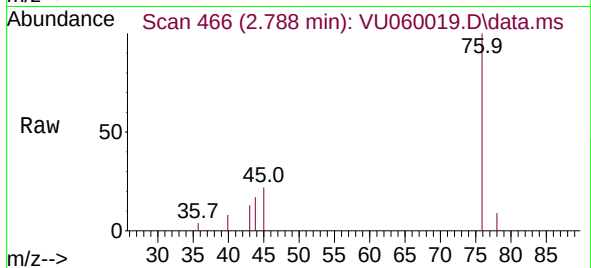
Tgt Ion: 43 Resp: 33872
Ion Ratio Lower Upper
43 100
58 38.6 0.0 82.2



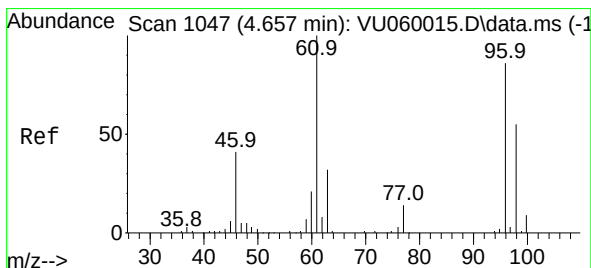
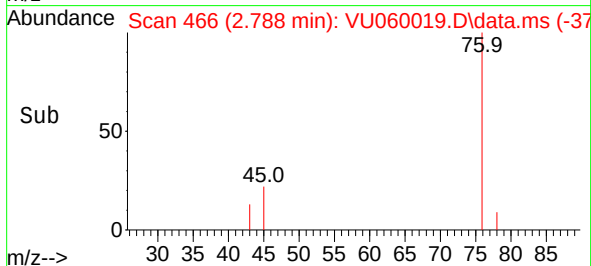
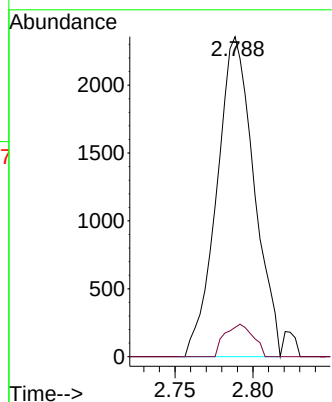


#14
Carbon disulfide
Concen: 0.126 ug/L
RT: 2.788 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU060019.D
Acq: 18 Jul 2024 16:00

Instrument :
MSVOA_U
ClientSampleId :

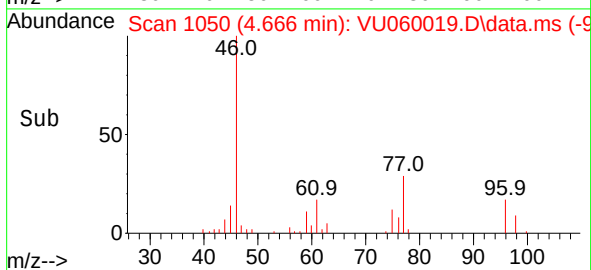
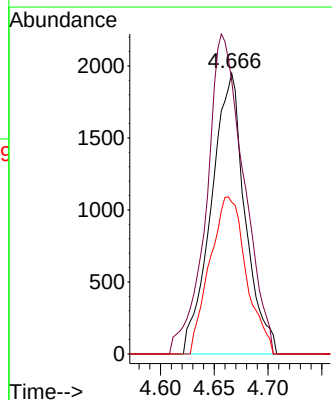
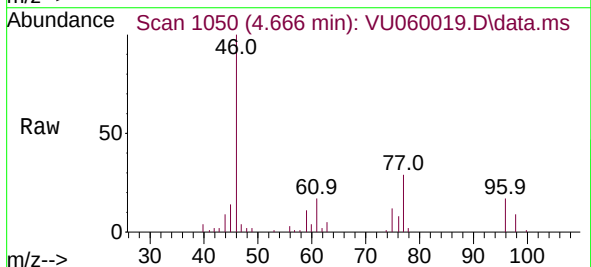


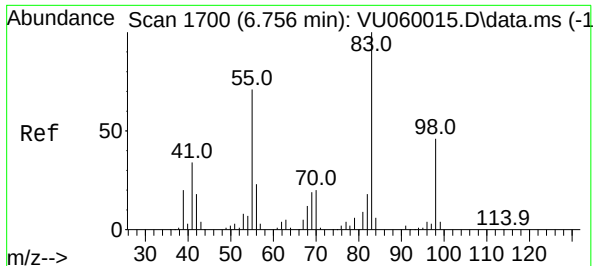
Tgt Ion: 76 Resp: 3917
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#22
cis-1,2-Dichloroethene
Concen: 0.343 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU060019.D
Acq: 18 Jul 2024 16:00

Tgt Ion: 96 Resp: 4258
Ion Ratio Lower Upper
96 100
61 97.4 80.2 148.9
98 54.1 44.7 83.1





#35

Methylcyclohexane

Concen: 0.950 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060019.D

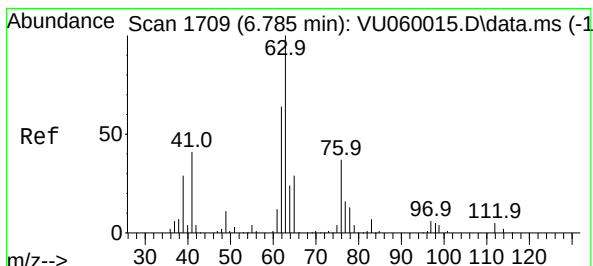
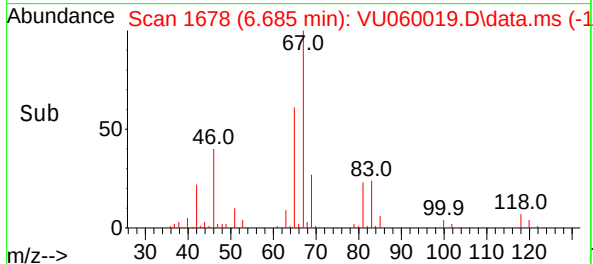
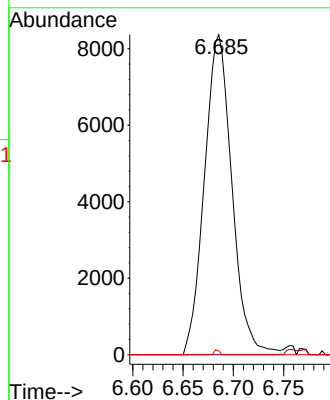
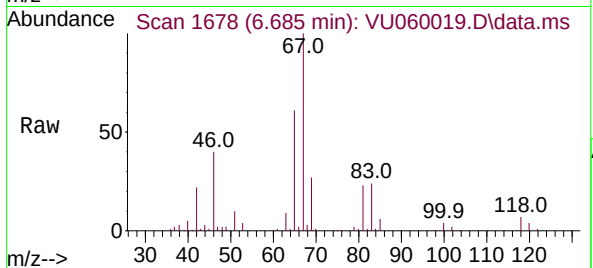
Acq: 18 Jul 2024 16:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	15914
Ion Ratio	Lower	Upper	
83	100		
55	0.7	56.7	85.1#
98	0.3	36.6	55.0#



#37

1,2-Dichloropropane

Concen: 0.478 ug/L

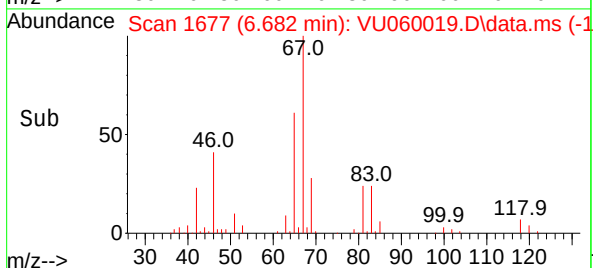
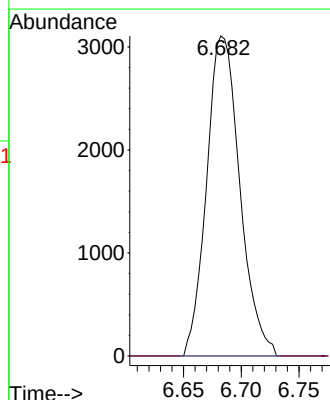
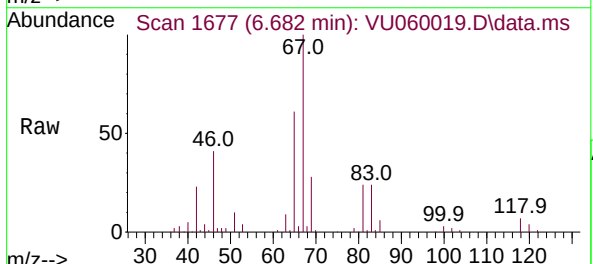
RT: 6.682 min Scan# 1677

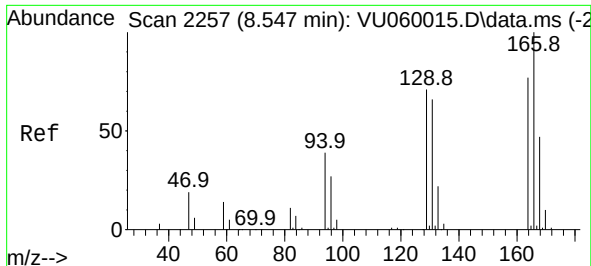
Delta R.T. -0.103 min

Lab File: VU060019.D

Acq: 18 Jul 2024 16:00

Tgt Ion:	63	Resp:	6227
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#





#47

Tetrachloroethene

Concen: 2.647 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

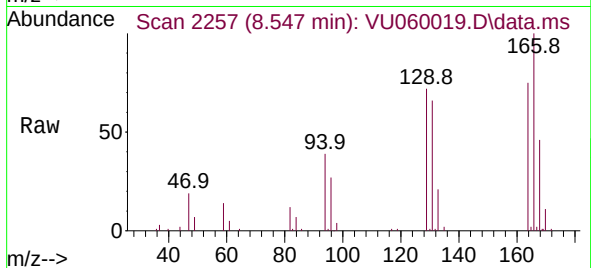
Lab File: VU060019.D

Acq: 18 Jul 2024 16:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 27978

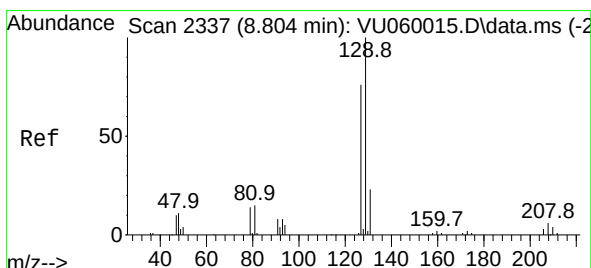
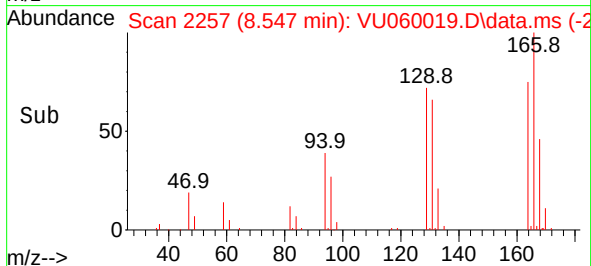
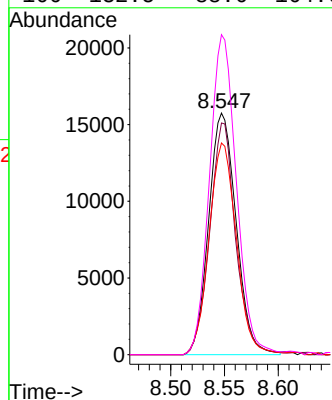
Ion Ratio Lower Upper

164 100

129 95.9 64.6 120.0

131 87.6 61.2 113.8

166 132.5 88.6 164.6



#49

Dibromochloromethane

Concen: 2.297 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU060019.D

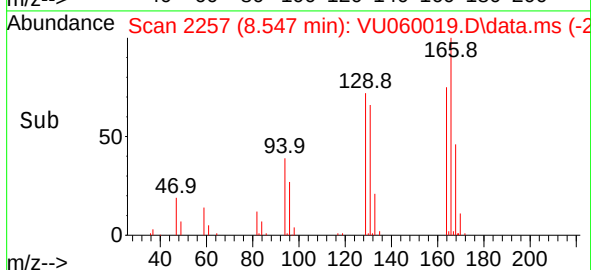
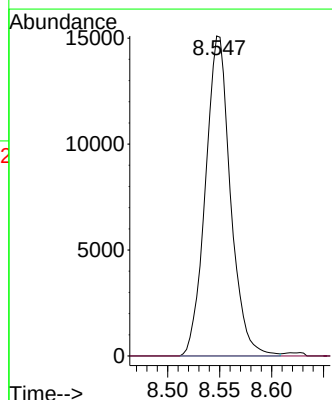
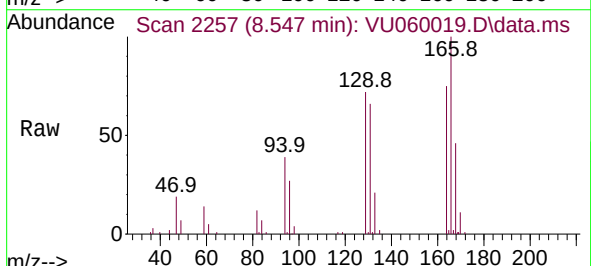
Acq: 18 Jul 2024 16:00

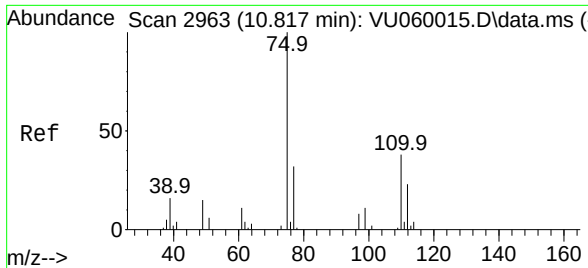
Tgt Ion:129 Resp: 25283

Ion Ratio Lower Upper

129 100

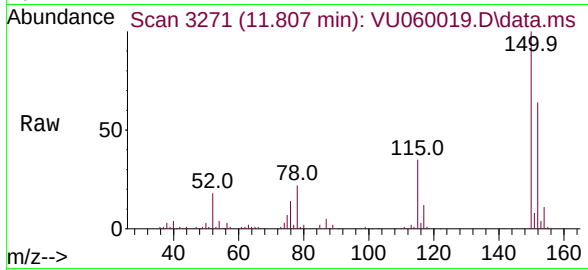
127 0.0 54.6 101.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.053 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU060019.D
 Acq: 18 Jul 2024 16:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7151
 Ion Ratio Lower Upper
 75 100
 110 0.0 30.8 46.2#
 77 32.2 26.2 39.2

