

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060067.D
 Acq On : 19 Jul 2024 17:54
 Operator : MD/SY
 Sample : P3298-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 01:42:12 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

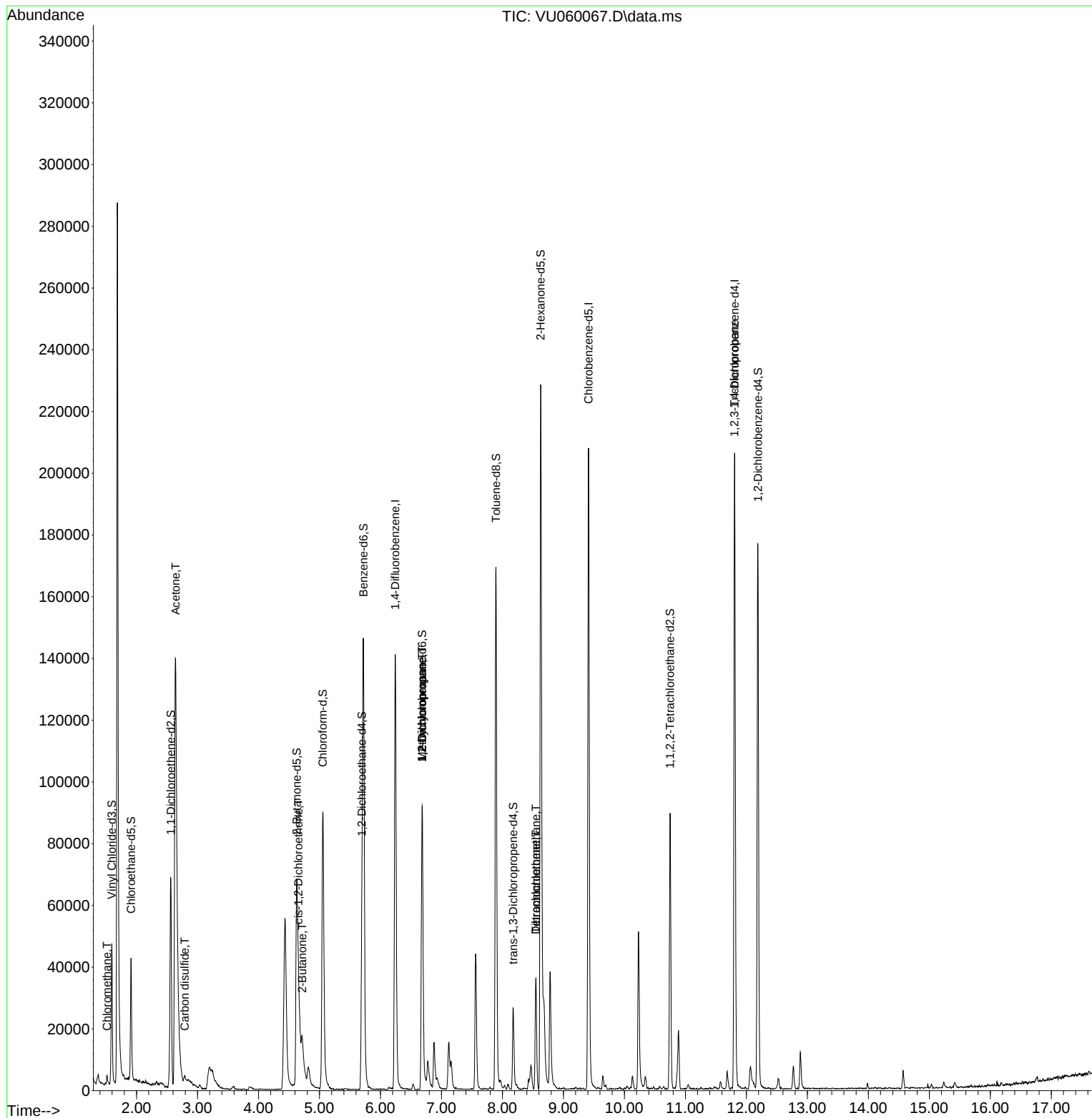
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	127968	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60588	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30576	3.478	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.911	69	31597	3.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.563	65	12753	3.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.628	46	110127	53.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.160%
24) Chloroform-d	5.055	84	75938	4.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.695	65	37866	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.721	84	146491	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.682	67	49876	4.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.894	98	121150	3.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.177	79	15793	4.247	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.627	63	84701	51.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.640%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	46847	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	53320	4.876	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	1907	0.165	ug/L	97
13) Acetone	2.641	43	260224	191.410	ug/L	95
14) Carbon disulfide	2.792	76	2966	0.106	ug/L	96
21) 2-Butanone	4.718	43	23497	10.918	ug/L	87
22) cis-1,2-Dichloroethene	4.657	96	3086	0.275	ug/L	90
35) Methylcyclohexane	6.685	83	11410	0.776	ug/L #	52
37) 1,2-Dichloropropane	6.685	63	4566	0.400	ug/L #	88
47) Tetrachloroethene	8.550	164	7823	0.844	ug/L	96
49) Dibromochloromethane	8.547	129	7719	0.800	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	6658	1.042	ug/L #	65

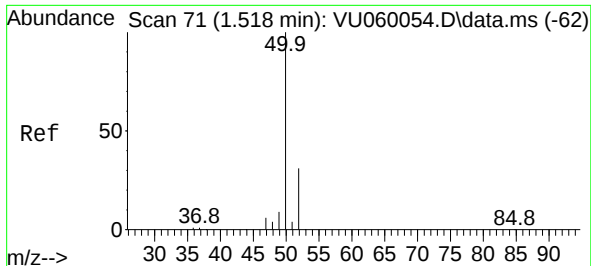
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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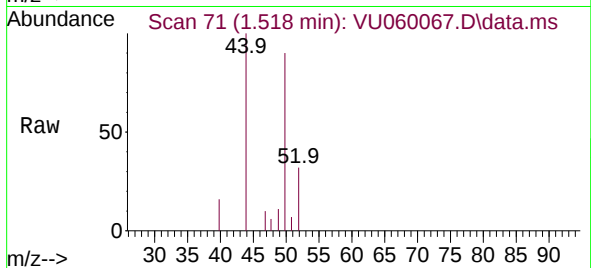
Quant Time: Jul 20 01:42:12 2024
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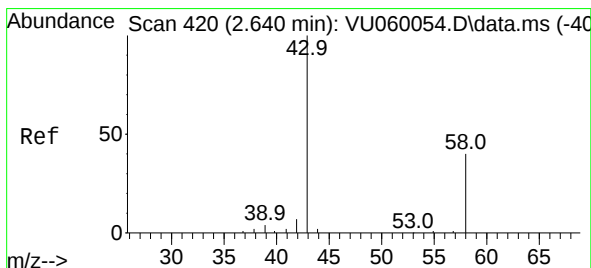
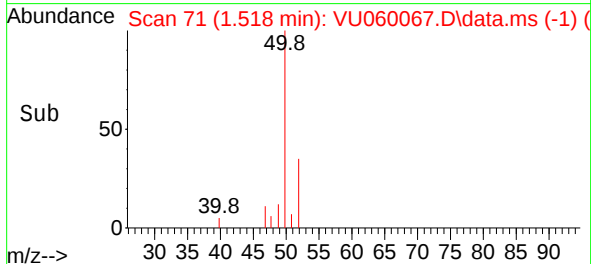
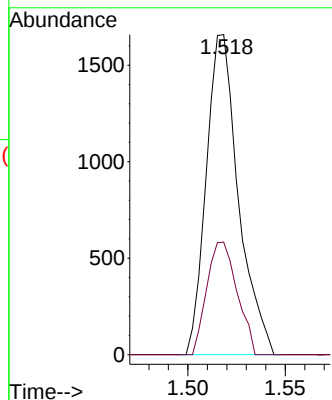


#3
Chloromethane
Concen: 0.165 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060067.D
Acq: 19 Jul 2024 17:54

Instrument :
MSVOA_U
ClientSampleId :

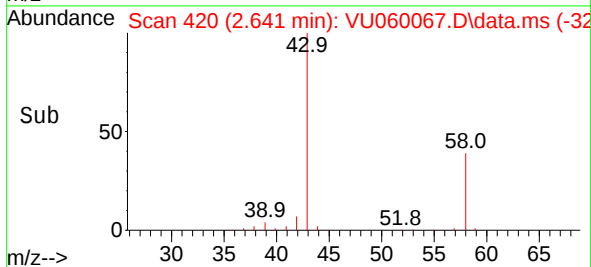
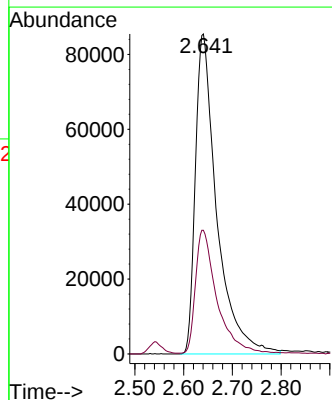
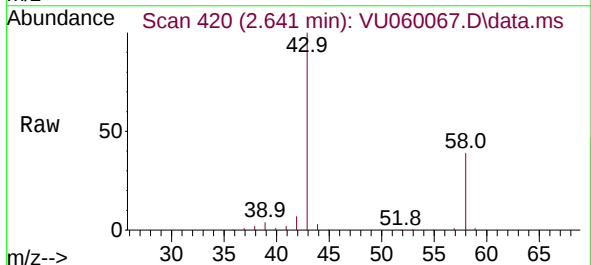


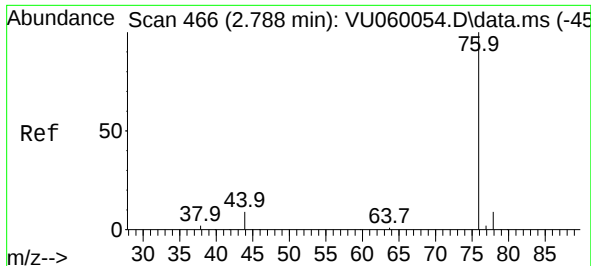
Tgt Ion: 50 Resp: 1907
Ion Ratio Lower Upper
50 100
52 35.2 23.4 43.4



#13
Acetone
Concen: 191.410 ug/L
RT: 2.641 min Scan# 420
Delta R.T. 0.000 min
Lab File: VU060067.D
Acq: 19 Jul 2024 17:54

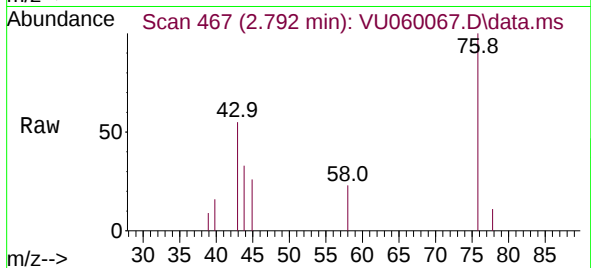
Tgt Ion: 43 Resp: 260224
Ion Ratio Lower Upper
43 100
58 38.0 0.0 82.2



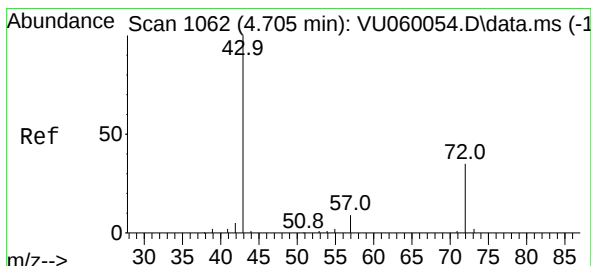
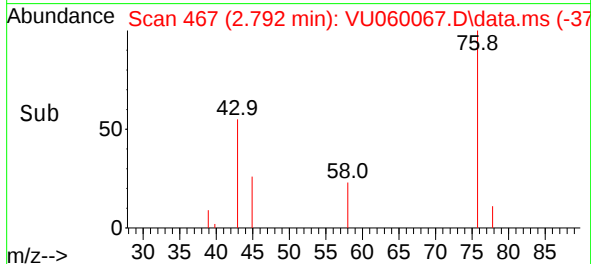
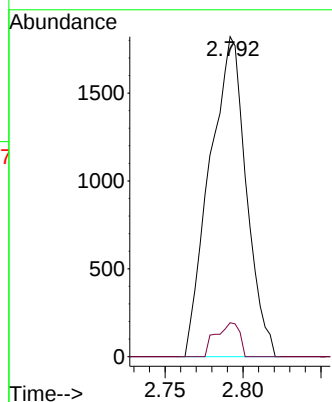


#14
Carbon disulfide
Concen: 0.106 ug/L
RT: 2.792 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU060067.D
Acq: 19 Jul 2024 17:54

Instrument :
MSVOA_U
ClientSampleId :

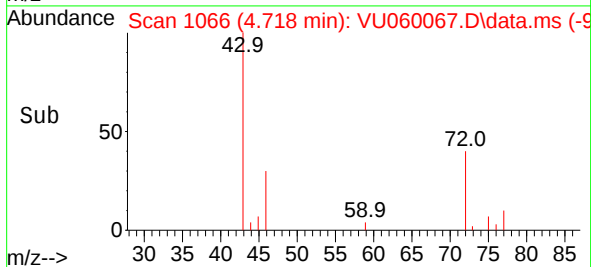
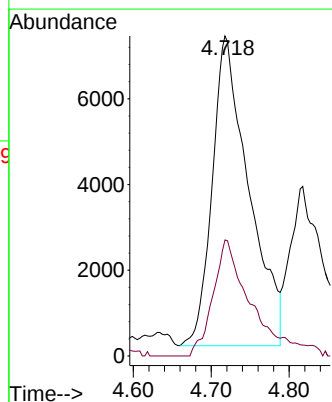
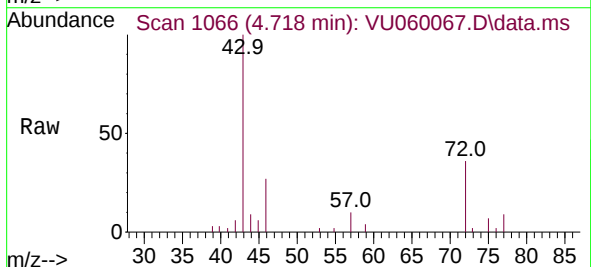


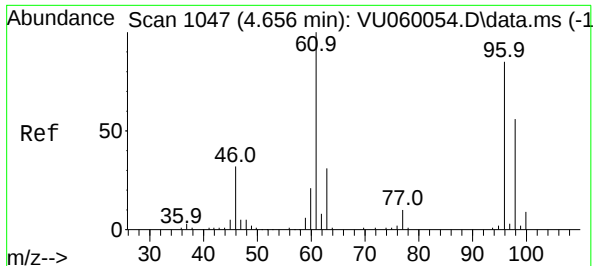
Tgt Ion: 76 Resp: 2966
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#21
2-Butanone
Concen: 10.918 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.013 min
Lab File: VU060067.D
Acq: 19 Jul 2024 17:54

Tgt Ion: 43 Resp: 23497
Ion Ratio Lower Upper
43 100
72 39.7 16.3 48.9





#22

cis-1,2-Dichloroethene

Concen: 0.275 ug/L

RT: 4.657 min Scan# 1

Delta R.T. 0.000 min

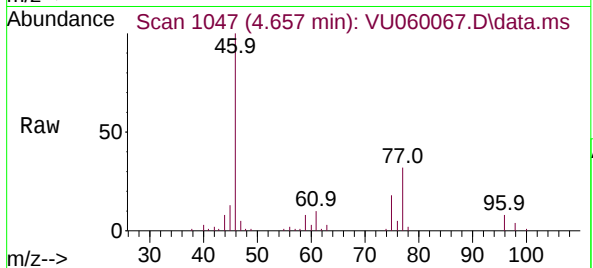
Lab File: VU060067.D

Acq: 19 Jul 2024 17:54

Instrument :

MSVOA_U

ClientSampleId :



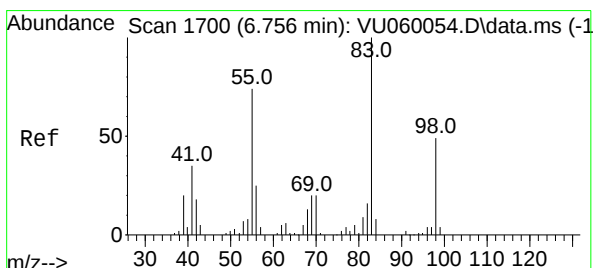
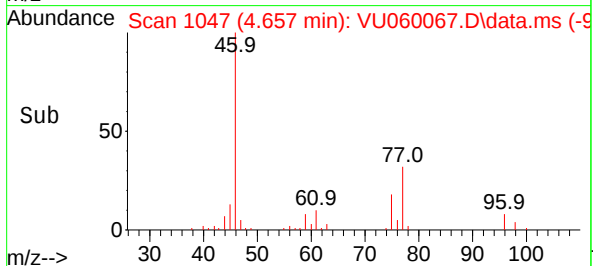
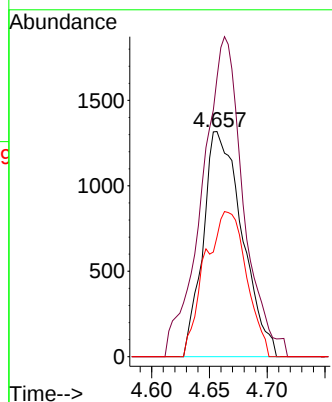
Tgt Ion: 96 Resp: 3086

Ion Ratio Lower Upper

96 100

61 123.8 80.2 148.9

98 53.3 44.7 83.1



#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU060067.D

Acq: 19 Jul 2024 17:54

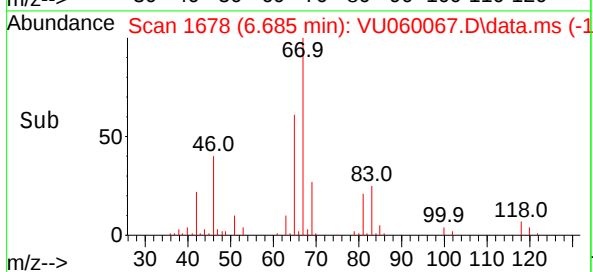
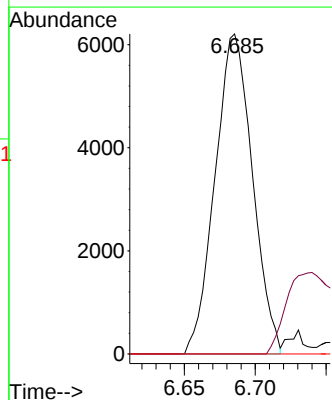
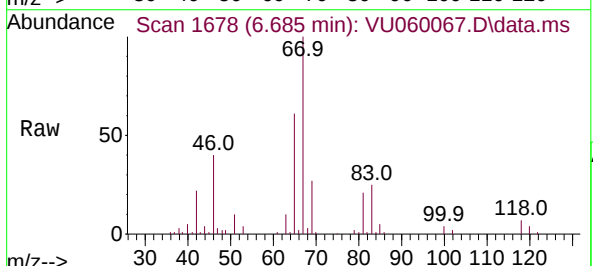
Tgt Ion: 83 Resp: 11410

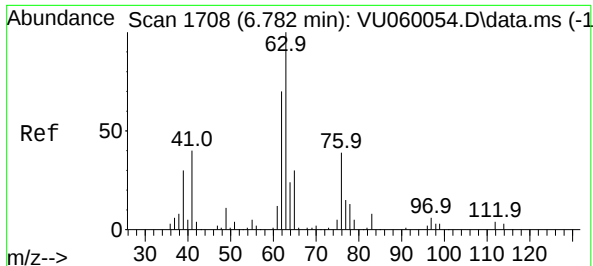
Ion Ratio Lower Upper

83 100

55 42.5 56.7 85.1#

98 0.0 36.6 55.0#

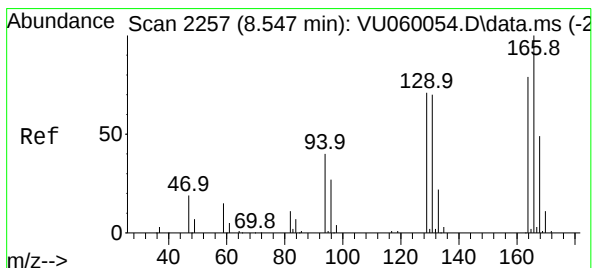
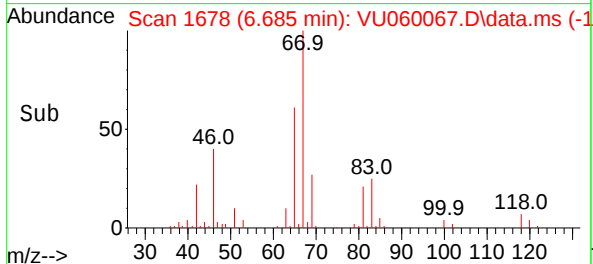
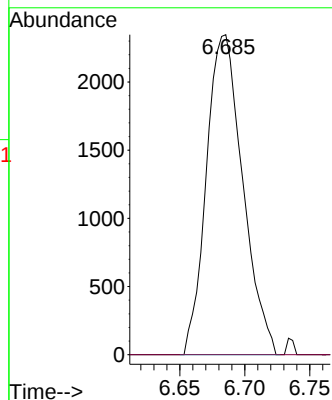
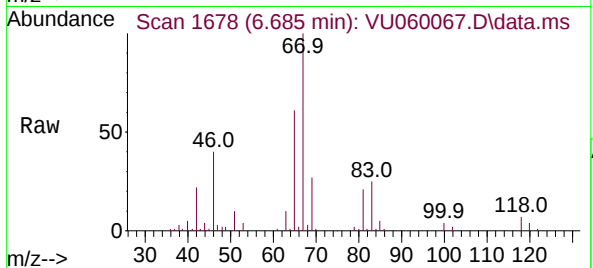




#37
1,2-Dichloropropane
Concen: 0.400 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060067.D
Acq: 19 Jul 2024 17:54

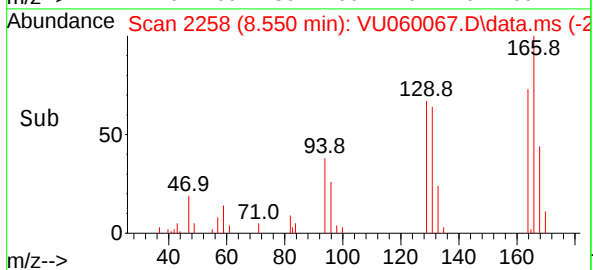
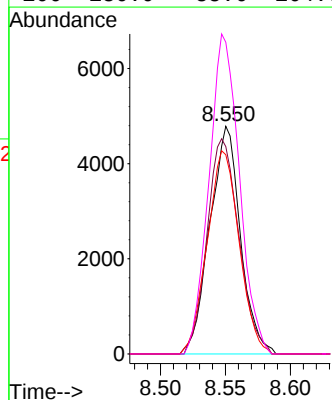
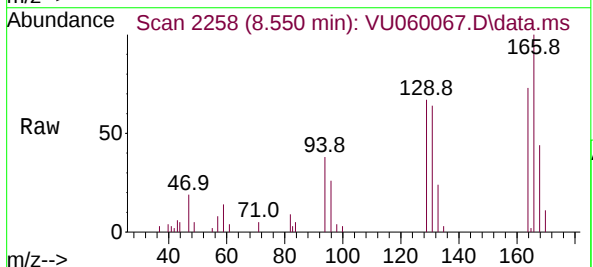
Instrument :
MSVOA_U
ClientSampleId :

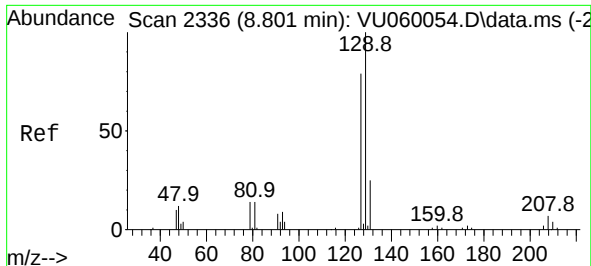
Tgt Ion: 63 Resp: 4566
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 0.844 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060067.D
Acq: 19 Jul 2024 17:54

Tgt Ion:164 Resp: 7823
Ion Ratio Lower Upper
164 100
129 91.1 64.6 120.0
131 87.5 61.2 113.8
166 136.9 88.6 164.6





#49

Dibromochloromethane

Concen: 0.800 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060067.D

Acq: 19 Jul 2024 17:54

Instrument :

MSVOA_U

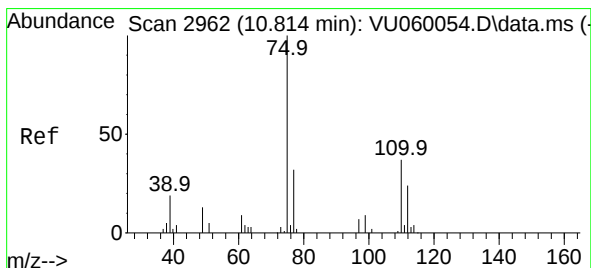
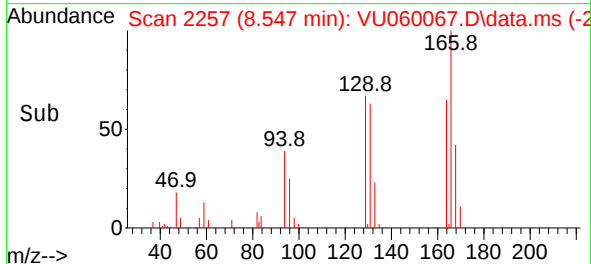
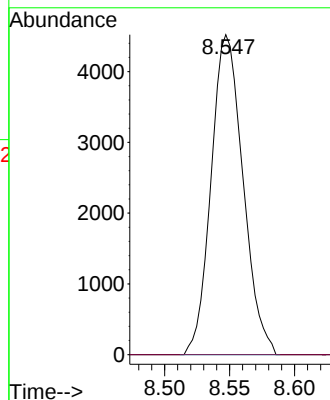
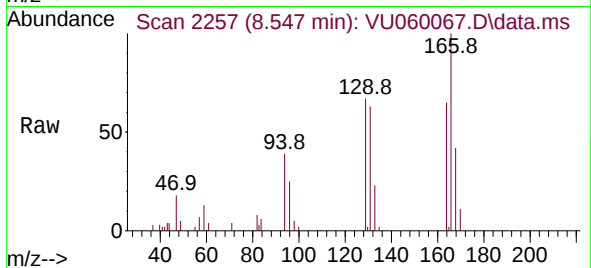
ClientSampleId :

Tgt Ion:129 Resp: 7719

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



#61

1,2,3-Trichloropropane

Concen: 1.042 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU060067.D

Acq: 19 Jul 2024 17:54

Tgt Ion: 75 Resp: 6658

Ion Ratio Lower Upper

75 100

110 0.3 30.8 46.2#

77 31.5 26.2 39.2

