

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058508.D
 Acq On : 09 Apr 2024 12:36
 Operator : MD/SY
 Sample : P2013-05 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 01:13:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 01:12:33 2024
 Response via : Initial Calibration

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

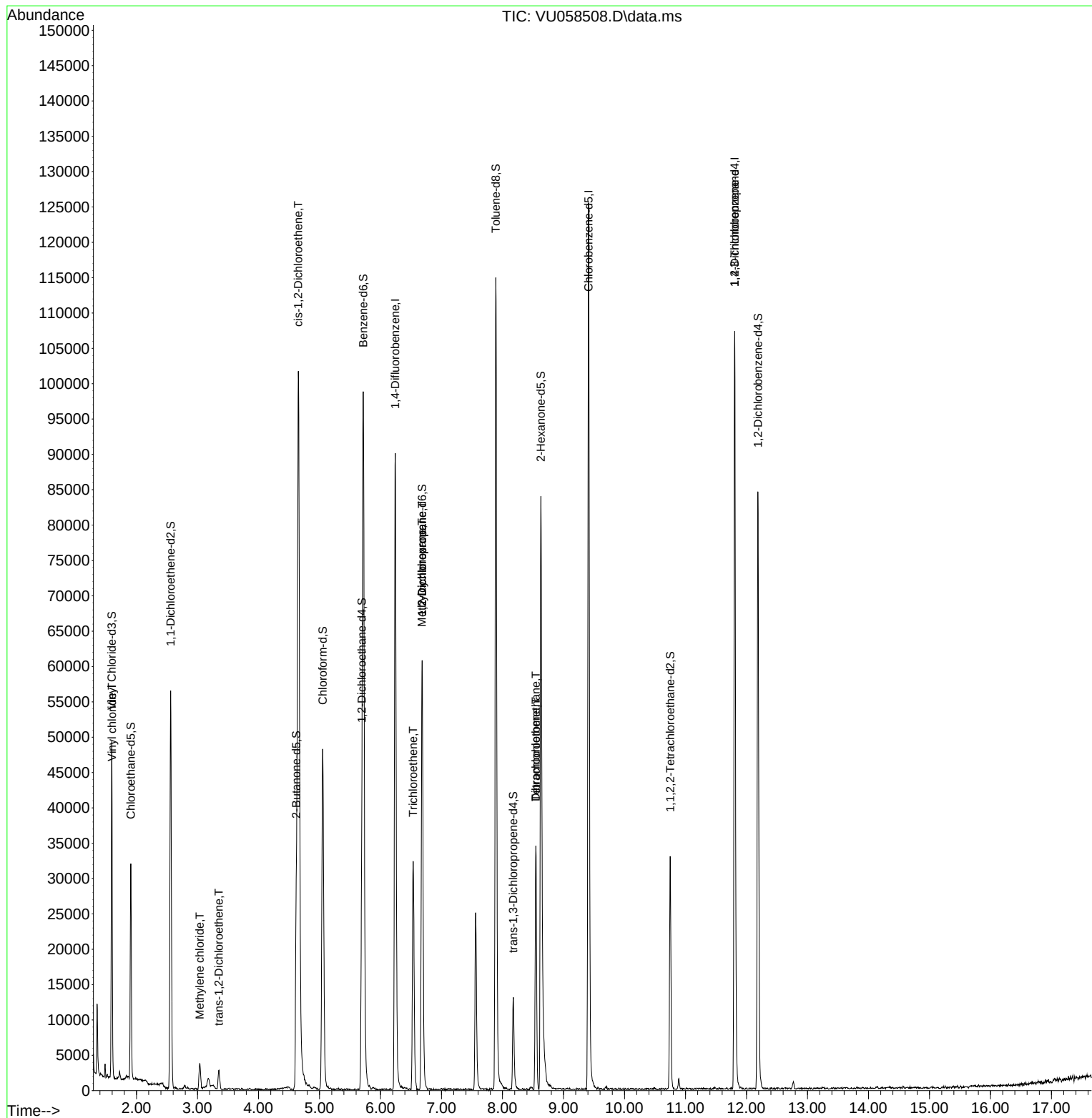
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69946	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66780	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24879	5.372	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.907	69	20969	5.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.560	65	11013	5.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	4.621	46	41859	42.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.780%
24) Chloroform-d	5.052	84	45145	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.695	65	22027	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.718	84	92099	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.682	67	29434	5.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.891	98	78126	4.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.177	79	8097	4.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.627	63	29579	40.975	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.960%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17114	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	21986	4.616	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	8110	1.138	ug/L	98
16) Methylene chloride	3.036	84	1637	0.249	ug/L	93
18) trans-1,2-Dichloroethene	3.351	96	1030	0.198	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	48580	8.327	ug/L	99
34) Trichloroethene	6.534	95	11813	1.936	ug/L	95
35) Methylcyclohexane	6.679	83	6051	0.658	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3112	0.489	ug/L #	90
47) Tetrachloroethene	8.547	164	7387	1.651	ug/L	97
49) Dibromochloromethane	8.547	129	7231	1.681	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4008	1.389	ug/L #	71

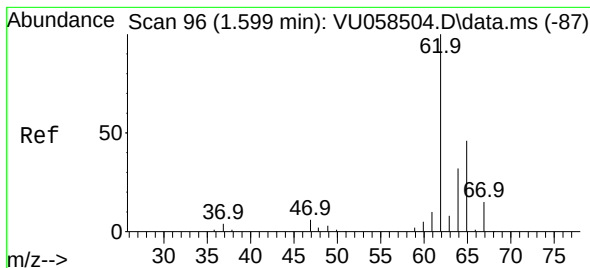
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.138 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU058508.D

Acq: 09 Apr 2024 12:36

Instrument :

MSVOA_U

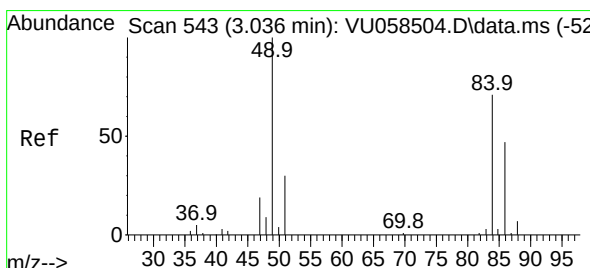
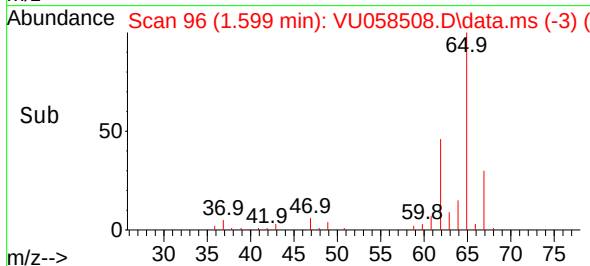
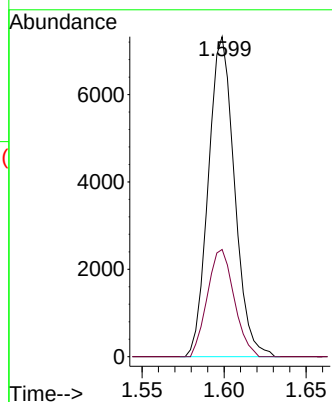
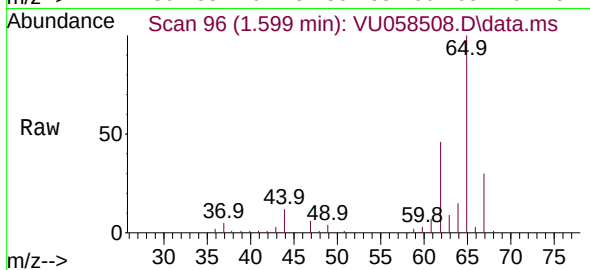
ClientSampleId :

Tgt Ion: 62 Resp: 8110

Ion Ratio Lower Upper

62 100

64 33.5 22.6 42.0



#16

Methylene chloride

Concen: 0.249 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058508.D

Acq: 09 Apr 2024 12:36

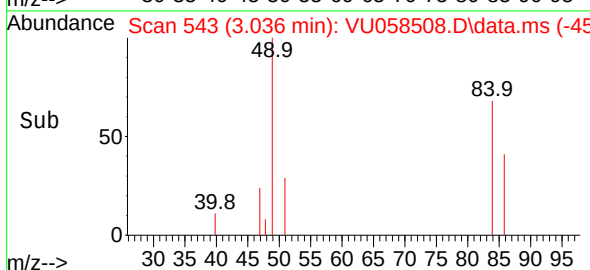
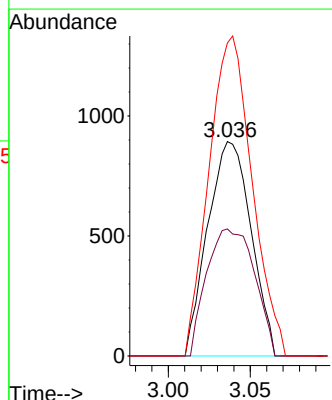
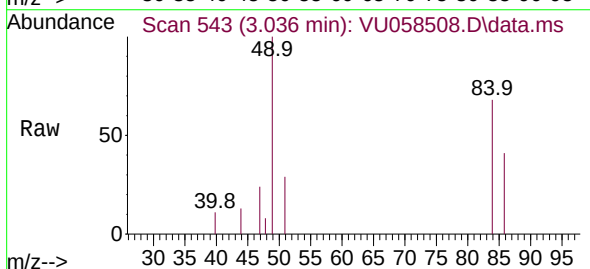
Tgt Ion: 84 Resp: 1637

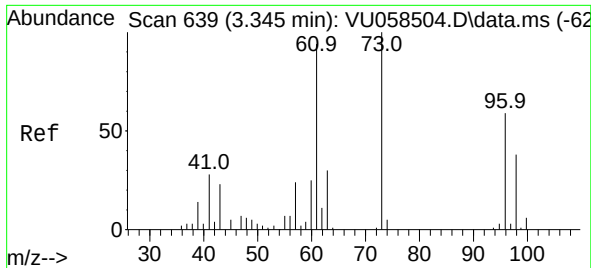
Ion Ratio Lower Upper

84 100

86 59.2 44.3 82.3

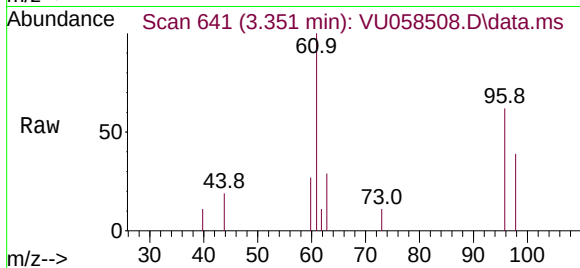
49 146.0 96.0 178.2



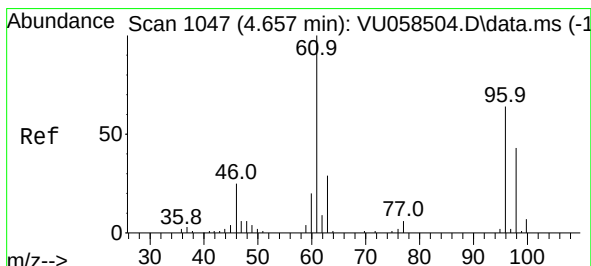
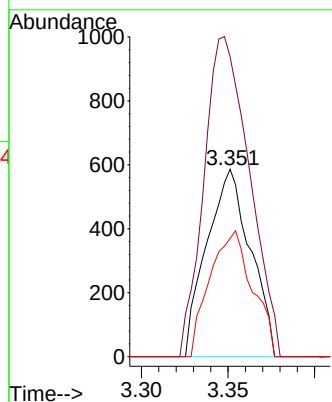
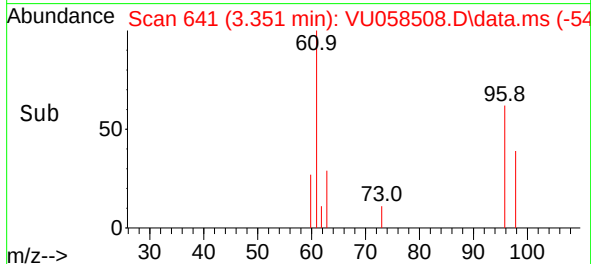


#18
trans-1,2-Dichloroethene
Concen: 0.198 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU058508.D
Acq: 09 Apr 2024 12:36

Instrument :
MSVOA_U
ClientSampleId :

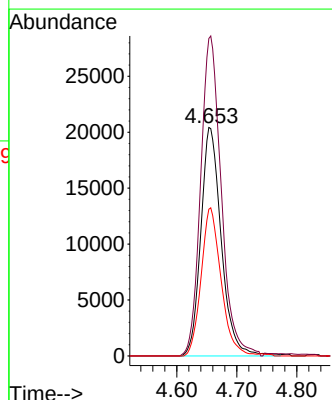
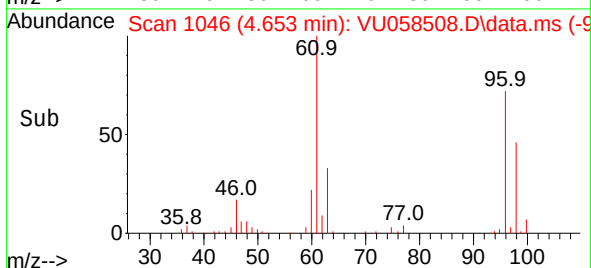
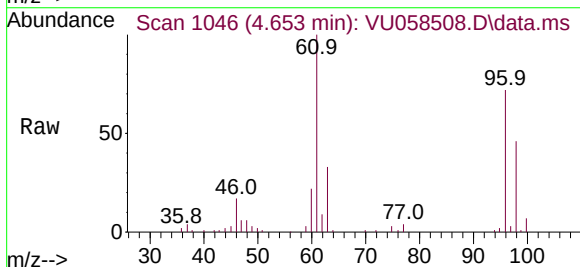


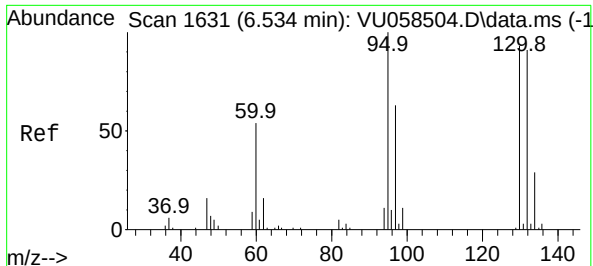
Tgt Ion: 96 Resp: 1030
Ion Ratio Lower Upper
96 100
61 160.1 107.6 199.8
98 63.1 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 8.327 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058508.D
Acq: 09 Apr 2024 12:36

Tgt Ion: 96 Resp: 48580
Ion Ratio Lower Upper
96 100
61 138.9 98.1 182.3
98 64.2 43.6 81.0





#34

Trichloroethene

Concen: 1.936 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

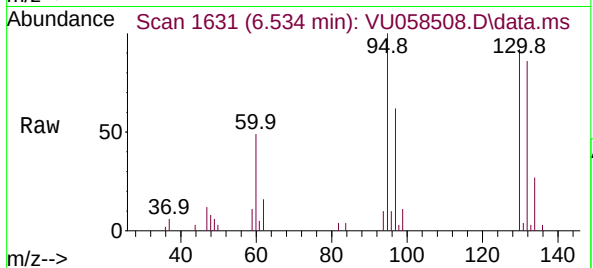
Lab File: VU058508.D

Acq: 09 Apr 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 11813

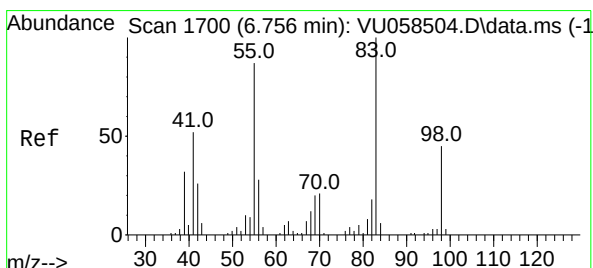
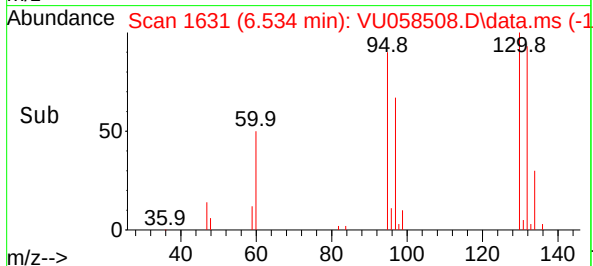
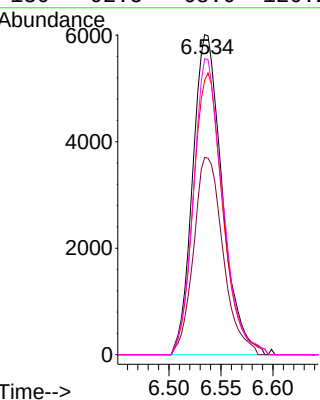
Ion Ratio Lower Upper

95 100

97 61.7 45.6 84.6

132 85.8 64.8 120.3

130 92.5 68.0 126.2



#35

Methylcyclohexane

Concen: 0.658 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.077 min

Lab File: VU058508.D

Acq: 09 Apr 2024 12:36

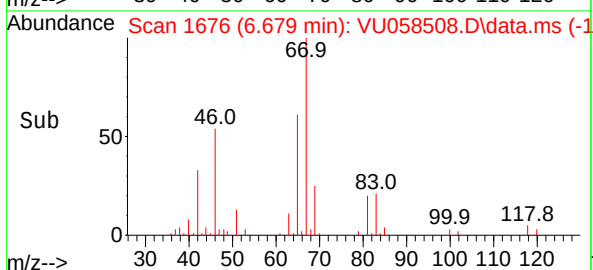
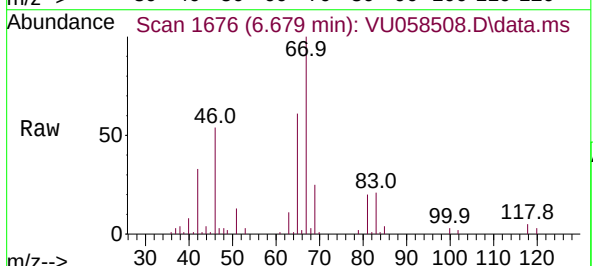
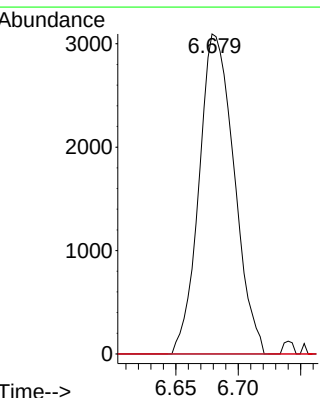
Tgt Ion: 83 Resp: 6051

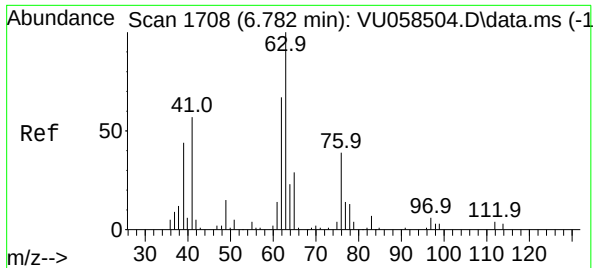
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

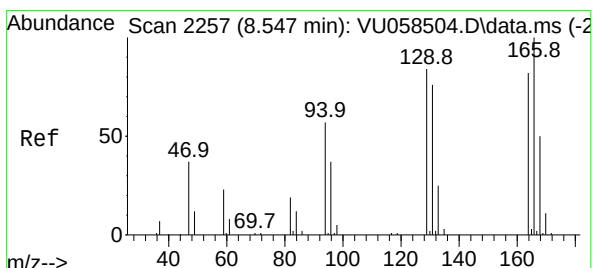
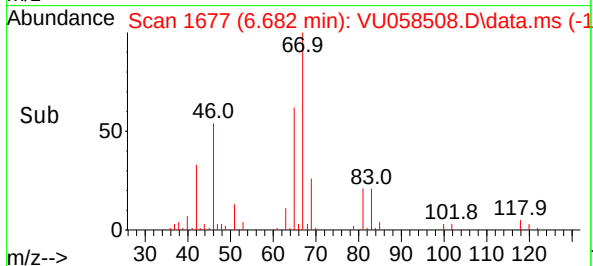
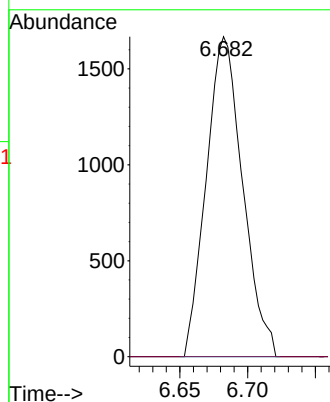
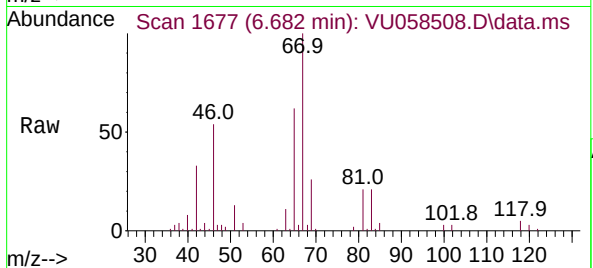




#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058508.D
Acq: 09 Apr 2024 12:36

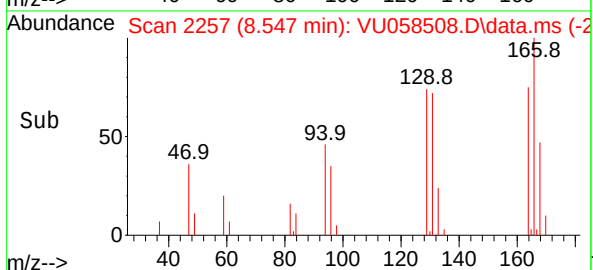
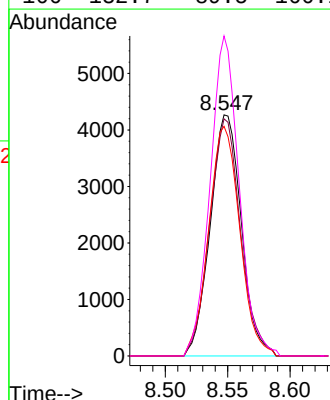
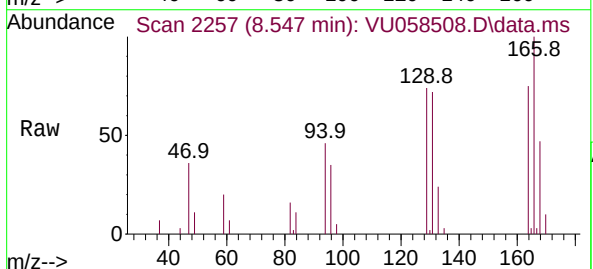
Instrument :
MSVOA_U
ClientSampleId :

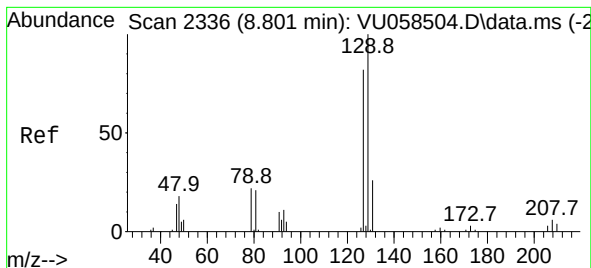
Tgt Ion: 63 Resp: 3112
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#47
Tetrachloroethene
Concen: 1.651 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058508.D
Acq: 09 Apr 2024 12:36

Tgt Ion:164 Resp: 7387
Ion Ratio Lower Upper
164 100
129 98.4 67.3 125.1
131 95.3 65.5 121.6
166 132.7 89.5 166.1





#49

Dibromochloromethane

Concen: 1.681 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058508.D

Acq: 09 Apr 2024 12:36

Instrument :

MSVOA_U

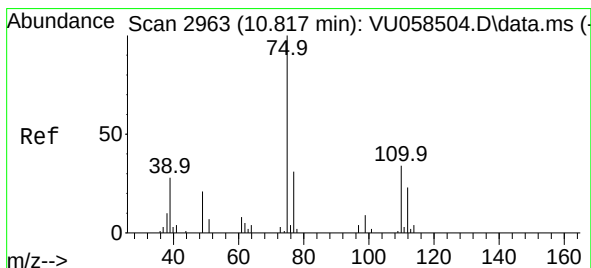
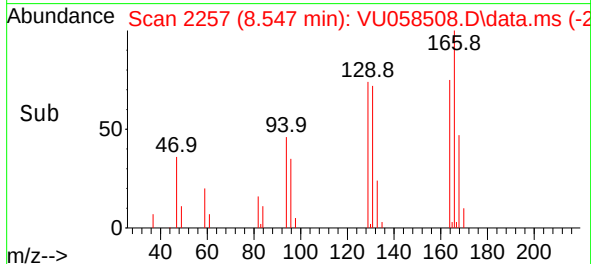
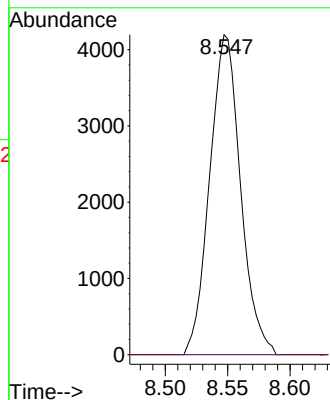
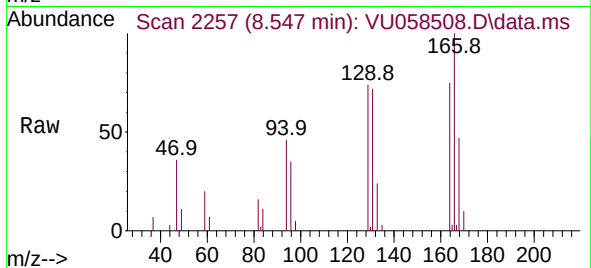
ClientSampleId :

Tgt Ion:129 Resp: 7231

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.389 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058508.D

Acq: 09 Apr 2024 12:36

Tgt Ion: 75 Resp: 4008

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 31.3 25.1 37.7

