

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
 Data File : VU058318.D
 Acq On : 01 Apr 2024 17:04
 Operator : MD/SY
 Sample : P1912-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 02:28:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 02 02:24:47 2024
 Response via : Initial Calibration

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

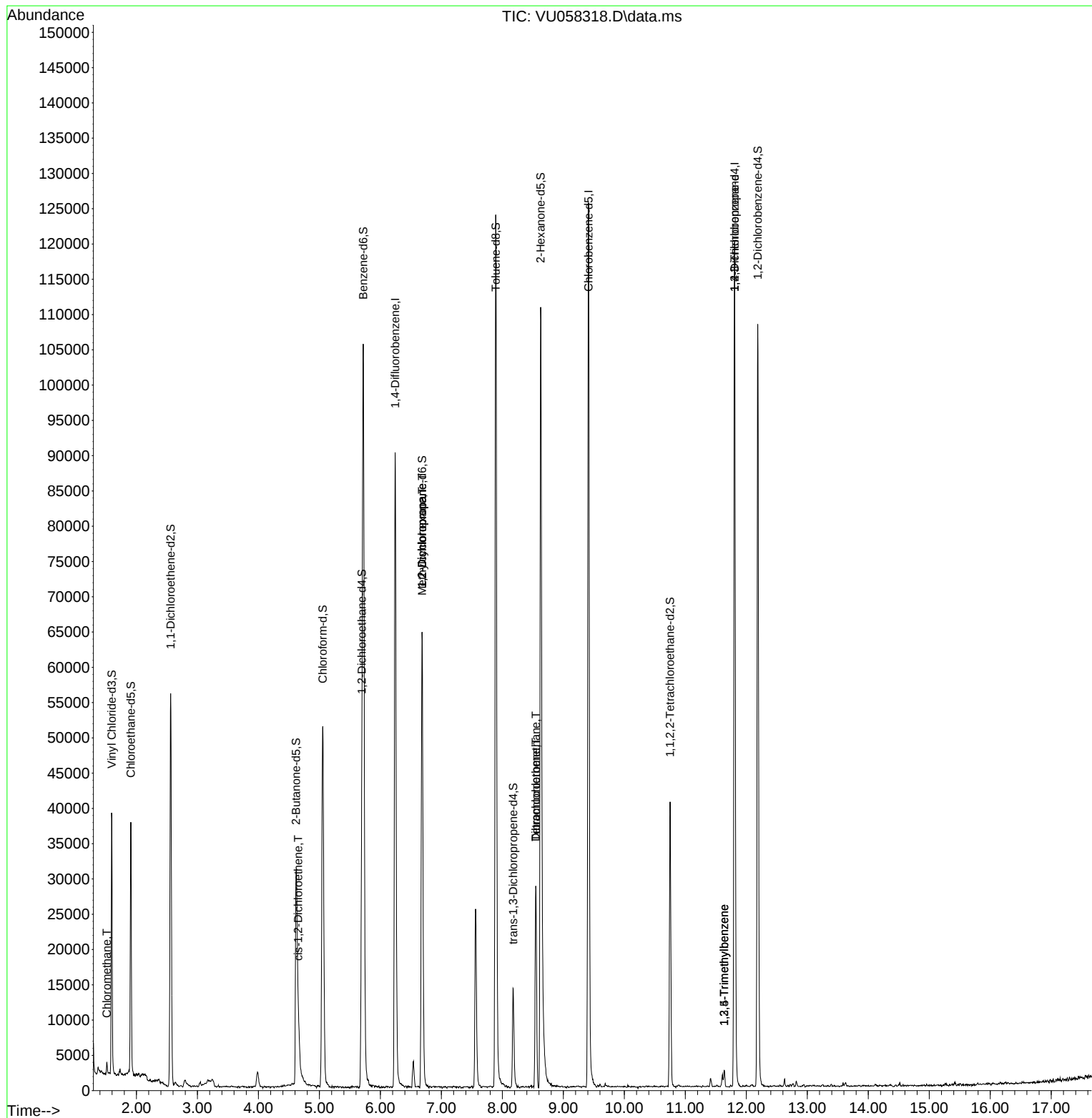
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72208	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31693	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25507	4.180	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.907	69	24077	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.560	65	10943	4.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.618	46	52067	48.029	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.060%
24) Chloroform-d	5.052	84	50504	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	25026	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.718	84	98998	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	31228	4.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.891	98	84842	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.177	79	8945	4.184	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.627	63	39259	45.343	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20332	4.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	28143	4.769	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1110	0.293	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	600	0.128	ug/L	93
35) Methylcyclohexane	6.685	83	7048	1.060	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3455	0.676	ug/L #	90
47) Tetrachloroethene	8.547	164	6164	1.929	ug/L	95
49) Dibromochloromethane	8.547	129	6150	1.745	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4249	1.601	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.637	105	1986	0.124	ug/L #	30
63) 1,2,4-Trimethylbenzene	11.637	105	1986	0.125	ug/L #	31

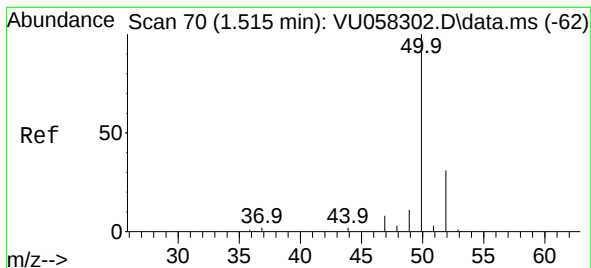
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.293 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU058318.D

Acq: 01 Apr 2024 17:04

Instrument :

MSVOA_U

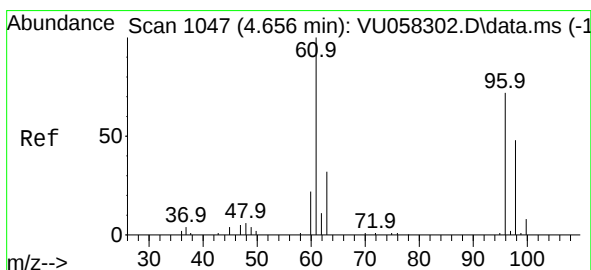
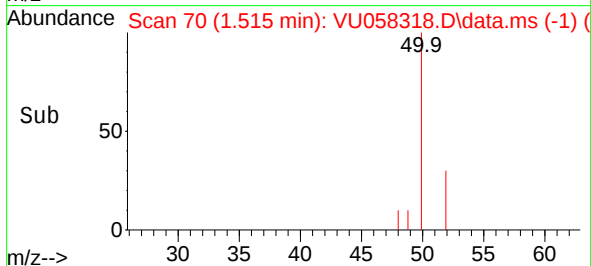
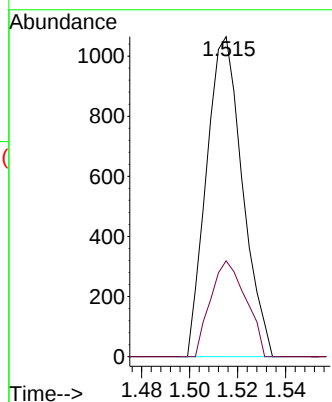
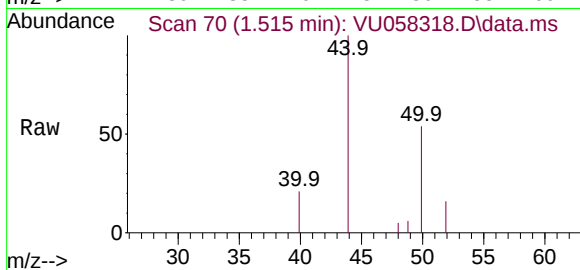
ClientSampleId :

Tgt Ion: 50 Resp: 1110

Ion Ratio Lower Upper

50 100

52 30.0 24.2 45.0



#22

cis-1,2-Dichloroethene

Concen: 0.128 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU058318.D

Acq: 01 Apr 2024 17:04

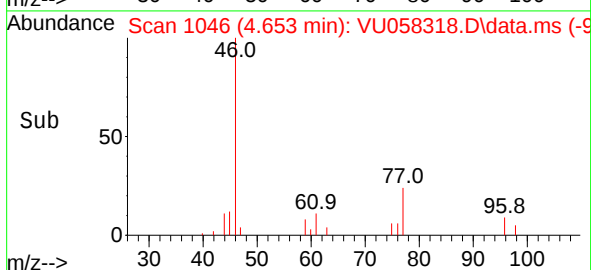
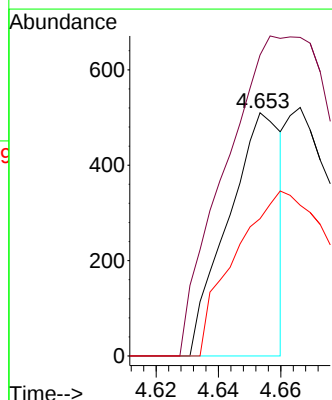
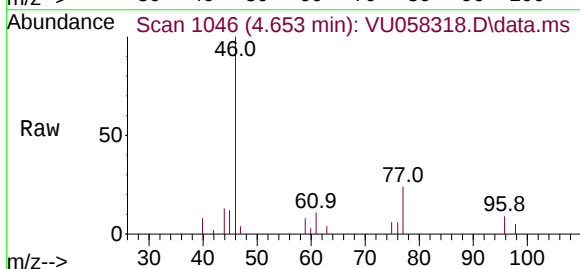
Tgt Ion: 96 Resp: 600

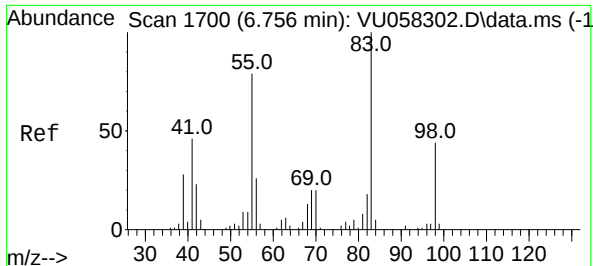
Ion Ratio Lower Upper

96 100

61 123.7 92.8 172.4

98 56.5 43.2 80.2

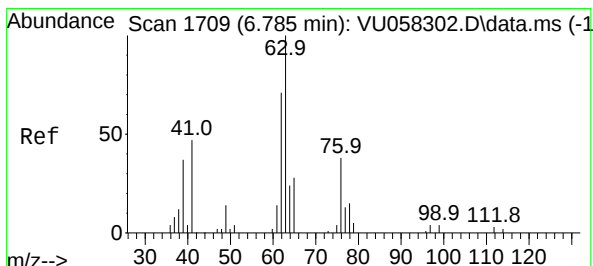
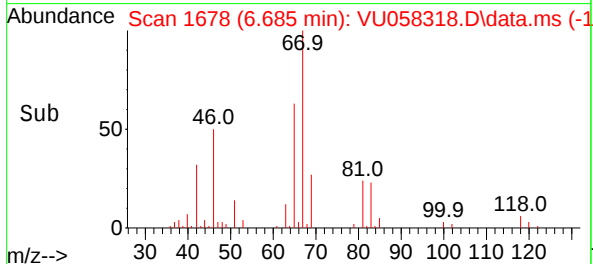
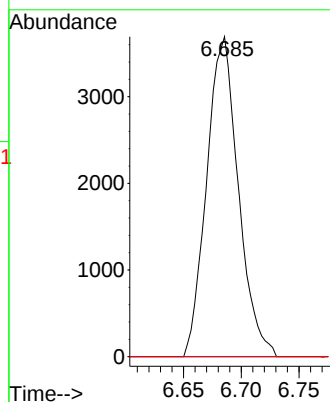
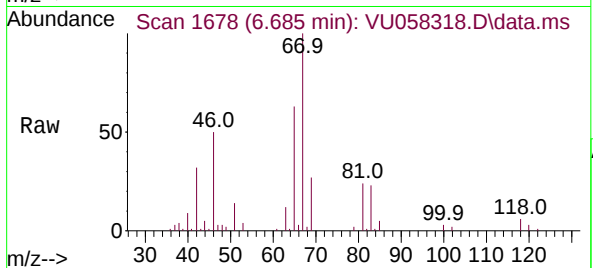




#35
Methylcyclohexane
Concen: 1.060 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058318.D
Acq: 01 Apr 2024 17:04

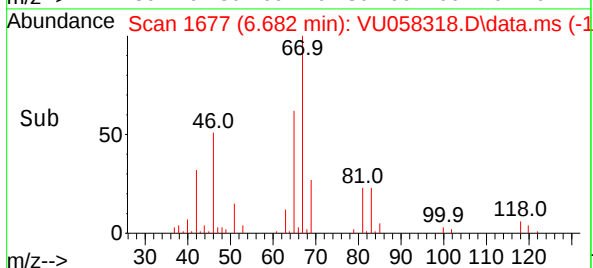
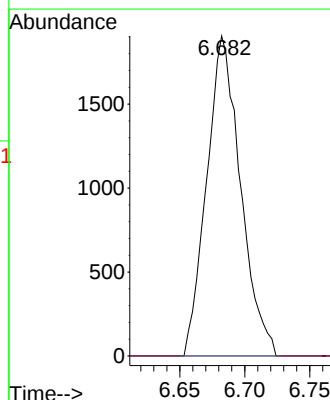
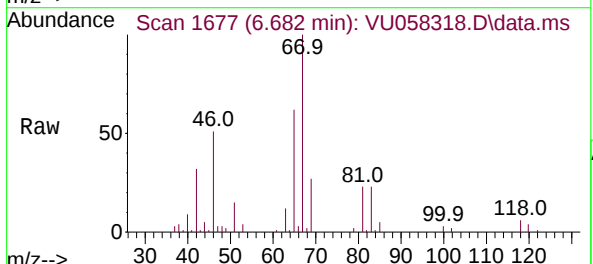
Instrument :
MSVOA_U
ClientSampleId :

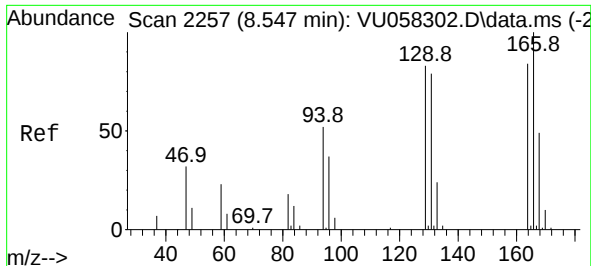
Tgt Ion: 83 Resp: 7048
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.676 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU058318.D
Acq: 01 Apr 2024 17:04

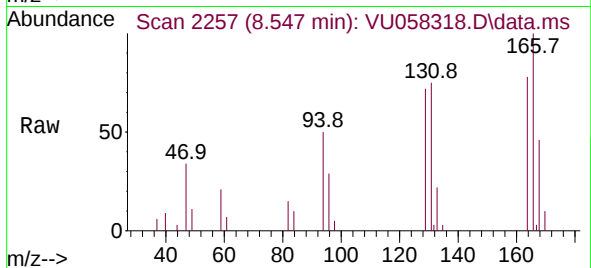
Tgt Ion: 63 Resp: 3455
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



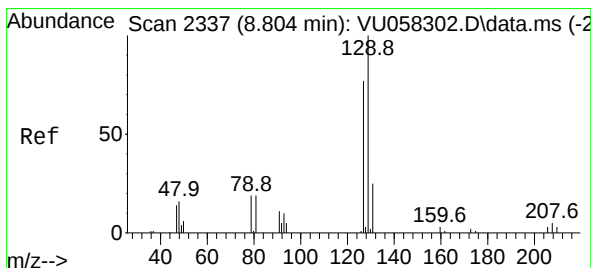
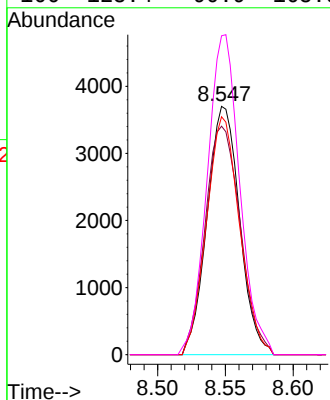
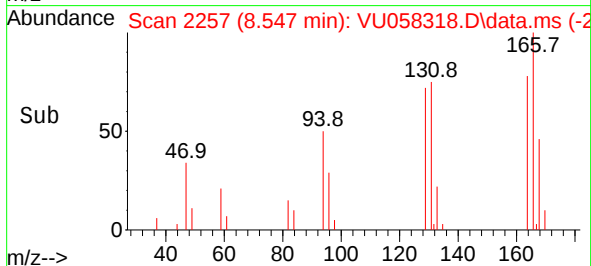


#47
Tetrachloroethene
Concen: 1.929 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058318.D
Acq: 01 Apr 2024 17:04

Instrument :
MSVOA_U
ClientSampleId :

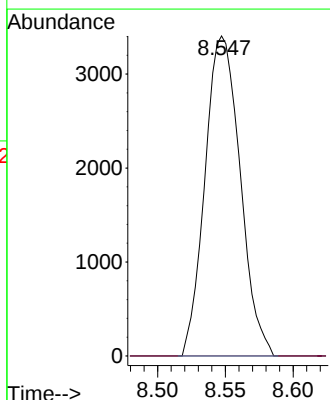
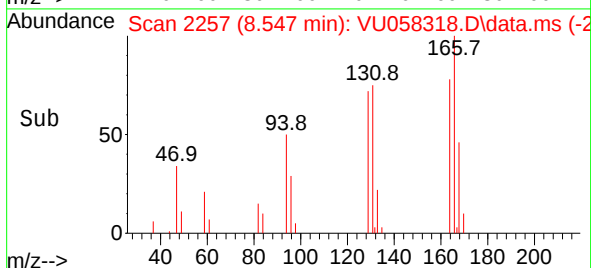
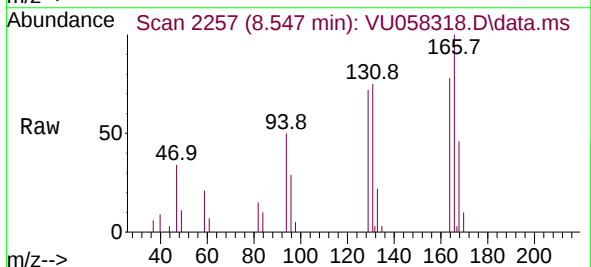


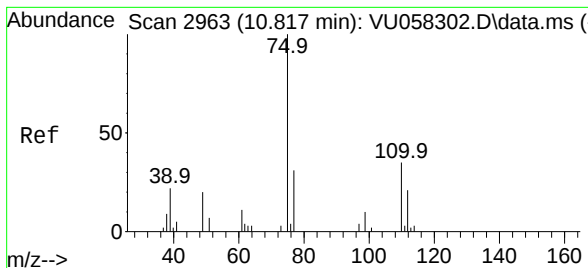
Tgt Ion:164 Resp: 6164
Ion Ratio Lower Upper
164 100
129 92.0 71.3 132.3
131 95.8 70.8 131.4
166 128.4 90.9 168.9



#49
Dibromochloromethane
Concen: 1.745 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU058318.D
Acq: 01 Apr 2024 17:04

Tgt Ion:129 Resp: 6150
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 1.601 ug/L

RT: 11.807 min Scan# 3218

Delta R.T. 0.991 min

Lab File: VU058318.D

Acq: 01 Apr 2024 17:04

Instrument :

MSVOA_U

ClientSampleId :

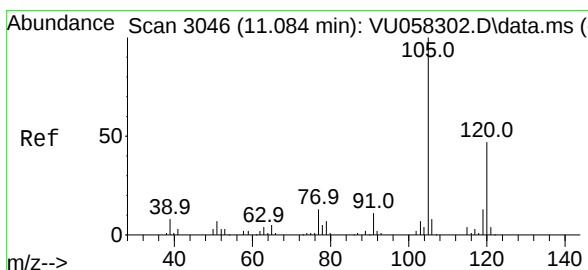
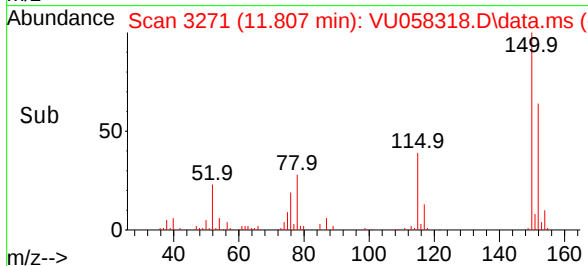
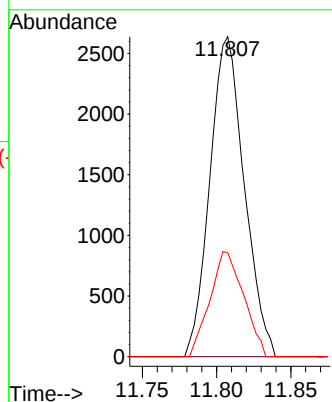
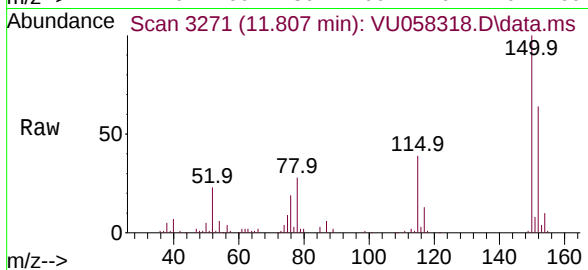
Tgt Ion: 75 Resp: 4249

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 32.2 25.1 37.7



#62

1,3,5-Trimethylbenzene

Concen: 0.124 ug/L

RT: 11.637 min Scan# 3218

Delta R.T. 0.553 min

Lab File: VU058318.D

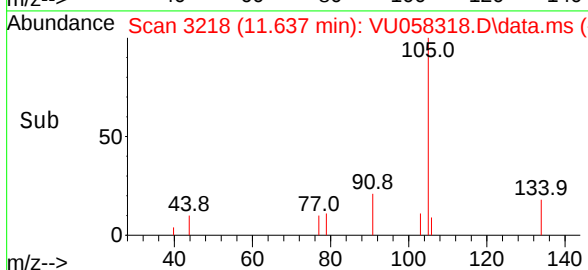
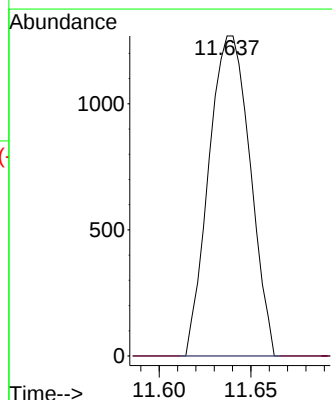
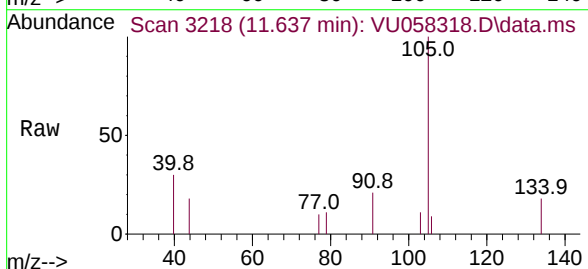
Acq: 01 Apr 2024 17:04

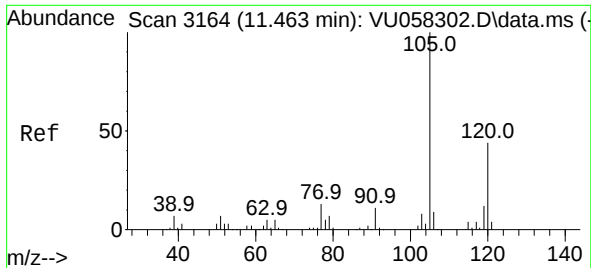
Tgt Ion:105 Resp: 1986

Ion Ratio Lower Upper

105 100

120 0.0 36.7 55.1#





#63

1,2,4-Trimethylbenzene

Concen: 0.125 ug/L

RT: 11.637 min Scan# 3164

Delta R.T. 0.174 min

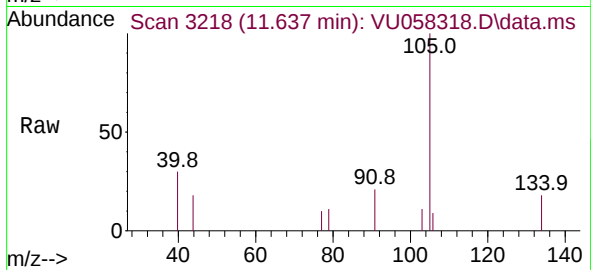
Lab File: VU058318.D

Acq: 01 Apr 2024 17:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:105 Resp: 1986

Ion Ratio Lower Upper

105 100

120 0.0 35.9 53.9#

