

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058166.D
 Acq On : 19 Mar 2024 21:28
 Operator : MD/SY
 Sample : P1796-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 20 05:23:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 20 05:19:57 2024
 Response via : Initial Calibration

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

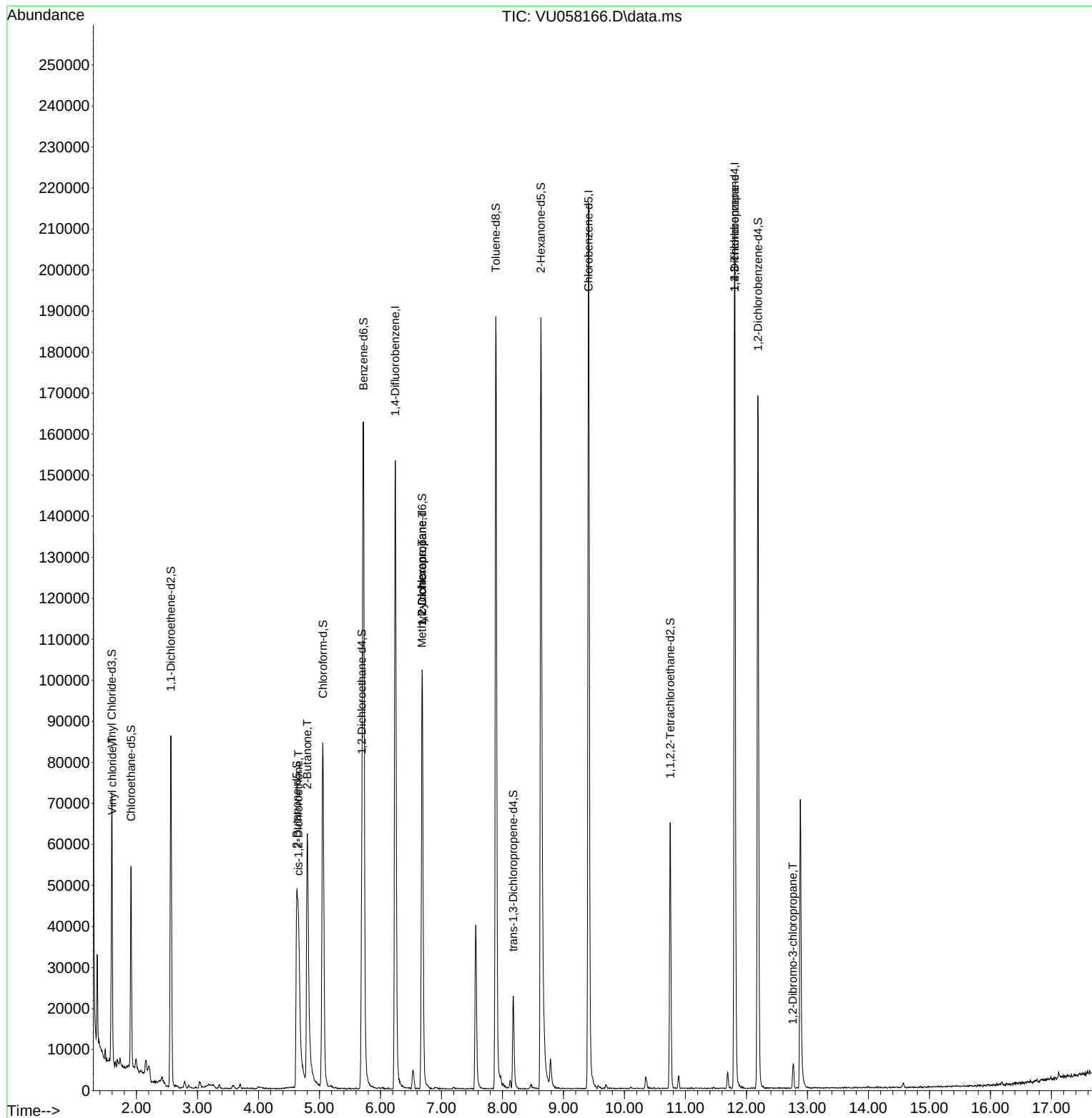
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126222	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	122928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	55136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36475	4.016	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.911	69	33334	4.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.563	65	16974	4.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.628	46	91122	60.897	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.800%
24) Chloroform-d	5.055	84	79579	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	38830	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	153969	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.682	67	49473	4.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	130176	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	14268	3.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.631	63	71064	56.518	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	33817	5.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	43682	4.811	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	4125	0.429	ug/L	89
21) 2-Butanone	4.801	43	100438	57.241	ug/L #	49
22) cis-1,2-Dichloroethene	4.657	96	10367	1.136	ug/L	98
35) Methylcyclohexane	6.679	83	10898	0.716	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5448	0.560	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	7763	1.719	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.759	75	151	0.169	ug/L #	7

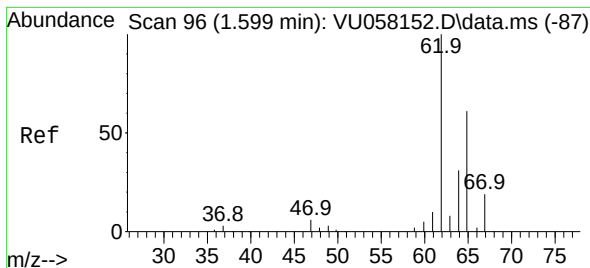
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.429 ug/L

RT: 1.602 min Scan# 9

Delta R.T. 0.003 min

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MSVOA_U

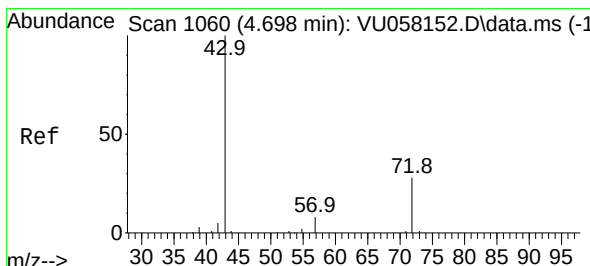
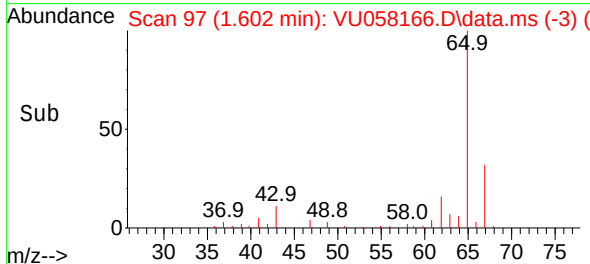
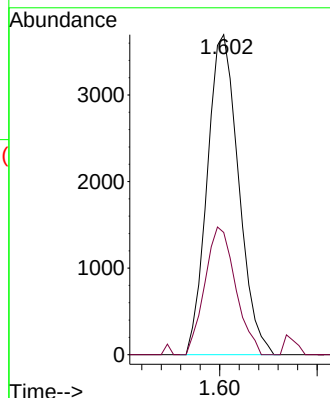
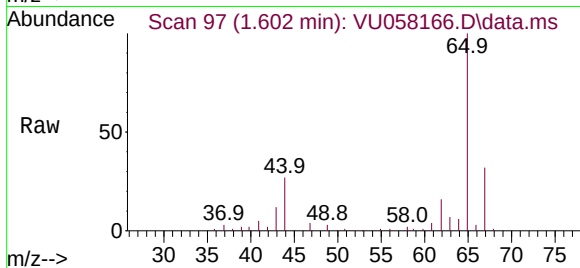
ClientSampleId :

Tgt Ion: 62 Resp: 4125

Ion Ratio Lower Upper

62 100

64 38.2 22.5 41.7



#21

2-Butanone

Concen: 57.241 ug/L

RT: 4.801 min Scan# 1092

Delta R.T. 0.103 min

Lab File: VU058166.D

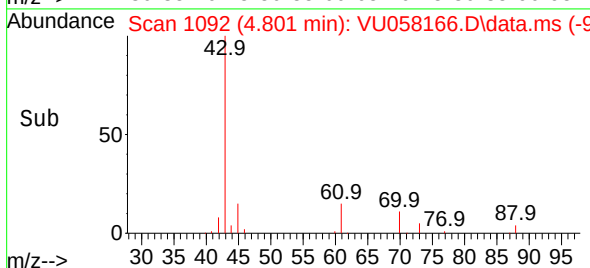
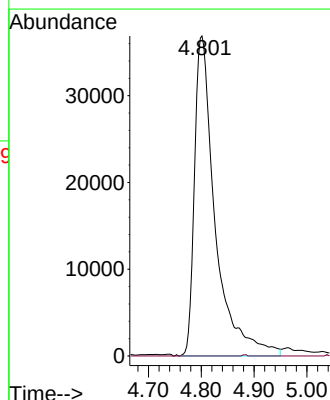
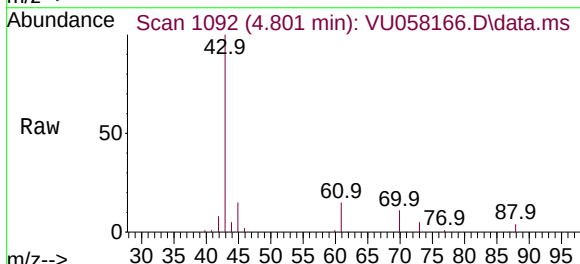
Acq: 19 Mar 2024 21:28

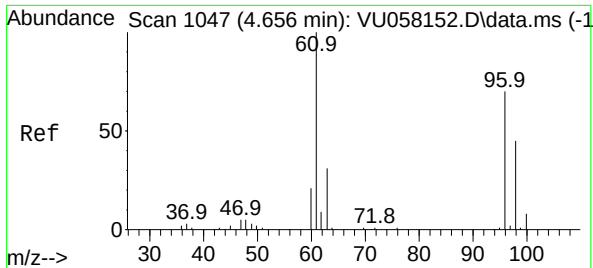
Tgt Ion: 43 Resp: 100438

Ion Ratio Lower Upper

43 100

72 0.1 13.0 39.0#





#22

cis-1,2-Dichloroethene

Concen: 1.136 ug/L

RT: 4.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058166.D

Acq: 19 Mar 2024 21:28

Instrument :

MSVOA_U

ClientSampleId :

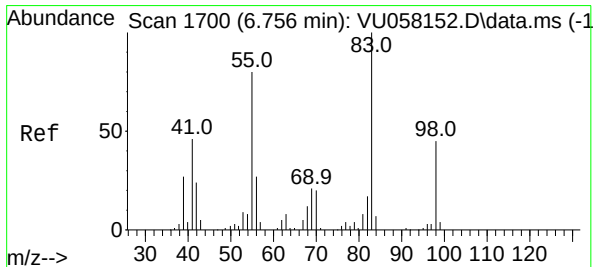
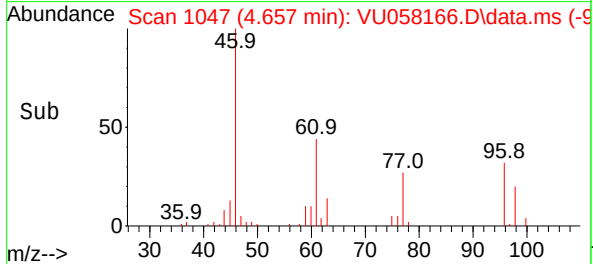
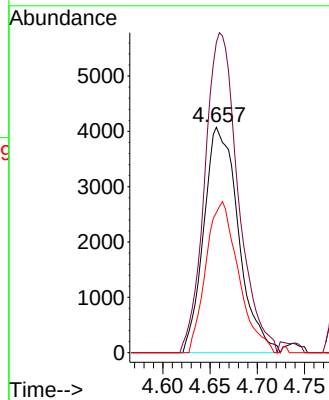
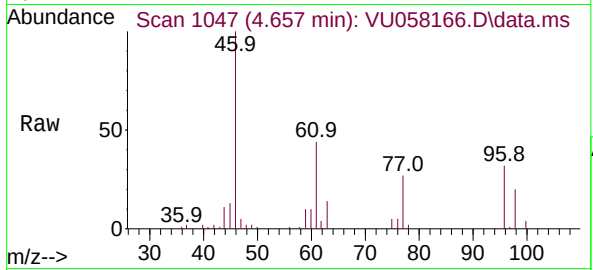
Tgt Ion: 96 Resp: 10367

Ion Ratio Lower Upper

96 100

61 137.6 97.2 180.4

98 62.0 45.5 84.5



#35

Methylcyclohexane

Concen: 0.716 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.077 min

Lab File: VU058166.D

Acq: 19 Mar 2024 21:28

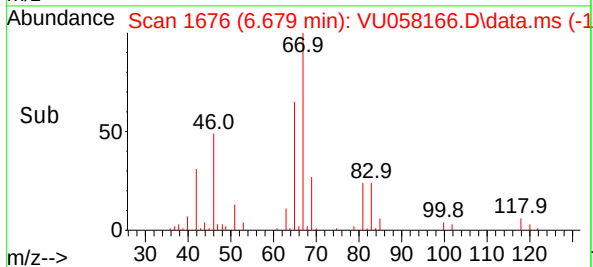
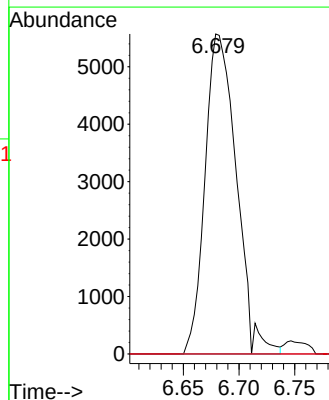
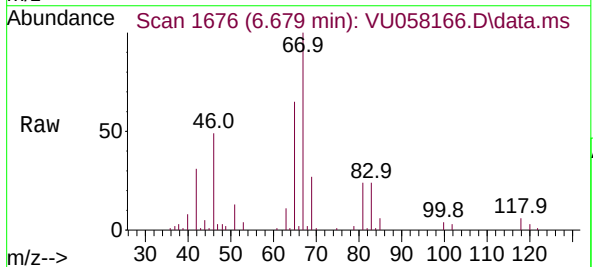
Tgt Ion: 83 Resp: 10898

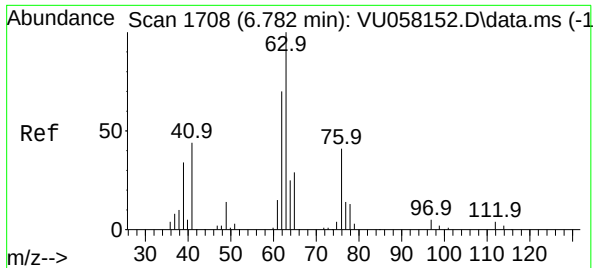
Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 1.6 36.2 54.4#

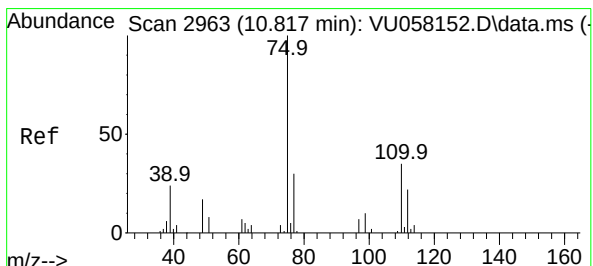
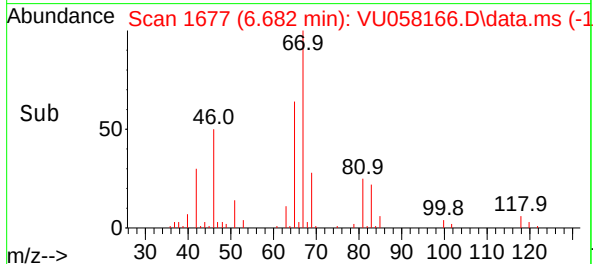
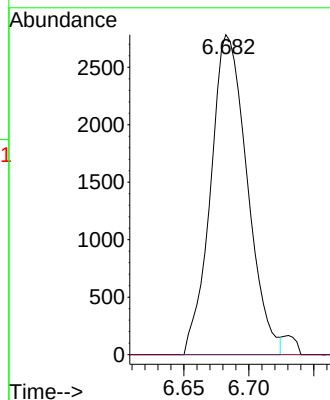
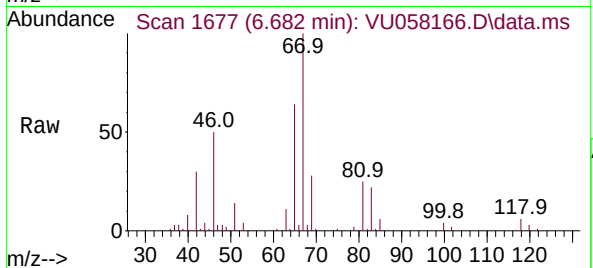




#37
1,2-Dichloropropane
Concen: 0.560 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU058166.D
Acq: 19 Mar 2024 21:28

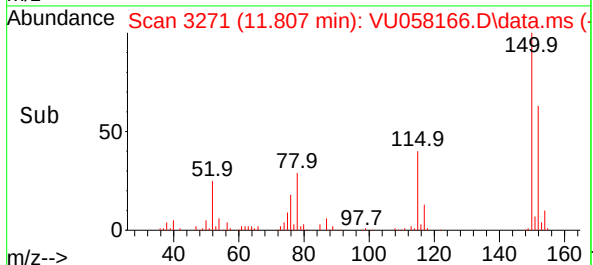
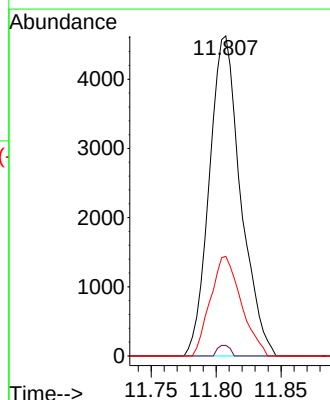
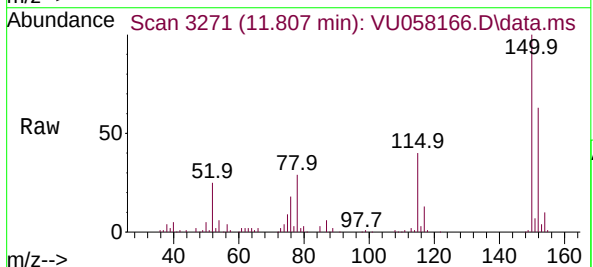
Instrument :
MSVOA_U
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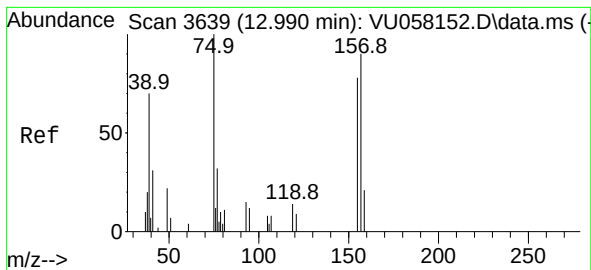
Tgt Ion: 63 Resp: 5448
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.719 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU058166.D
Acq: 19 Mar 2024 21:28

Tgt Ion: 75 Resp: 7763
Ion Ratio Lower Upper
75 100
110 1.3 28.0 42.0#
77 30.5 24.7 37.1





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.169 ug/L
 RT: 12.759 min Scan# 3567
 Delta R.T. -0.231 min
 Lab File: VU058166.D
 Acq: 19 Mar 2024 21:28

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 151
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.0 91.6#
 157 0.0 74.6 112.0#

