

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058165.D
 Acq On : 19 Mar 2024 21:04
 Operator : MD/SY
 Sample : P1796-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 20 05:23:37 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)

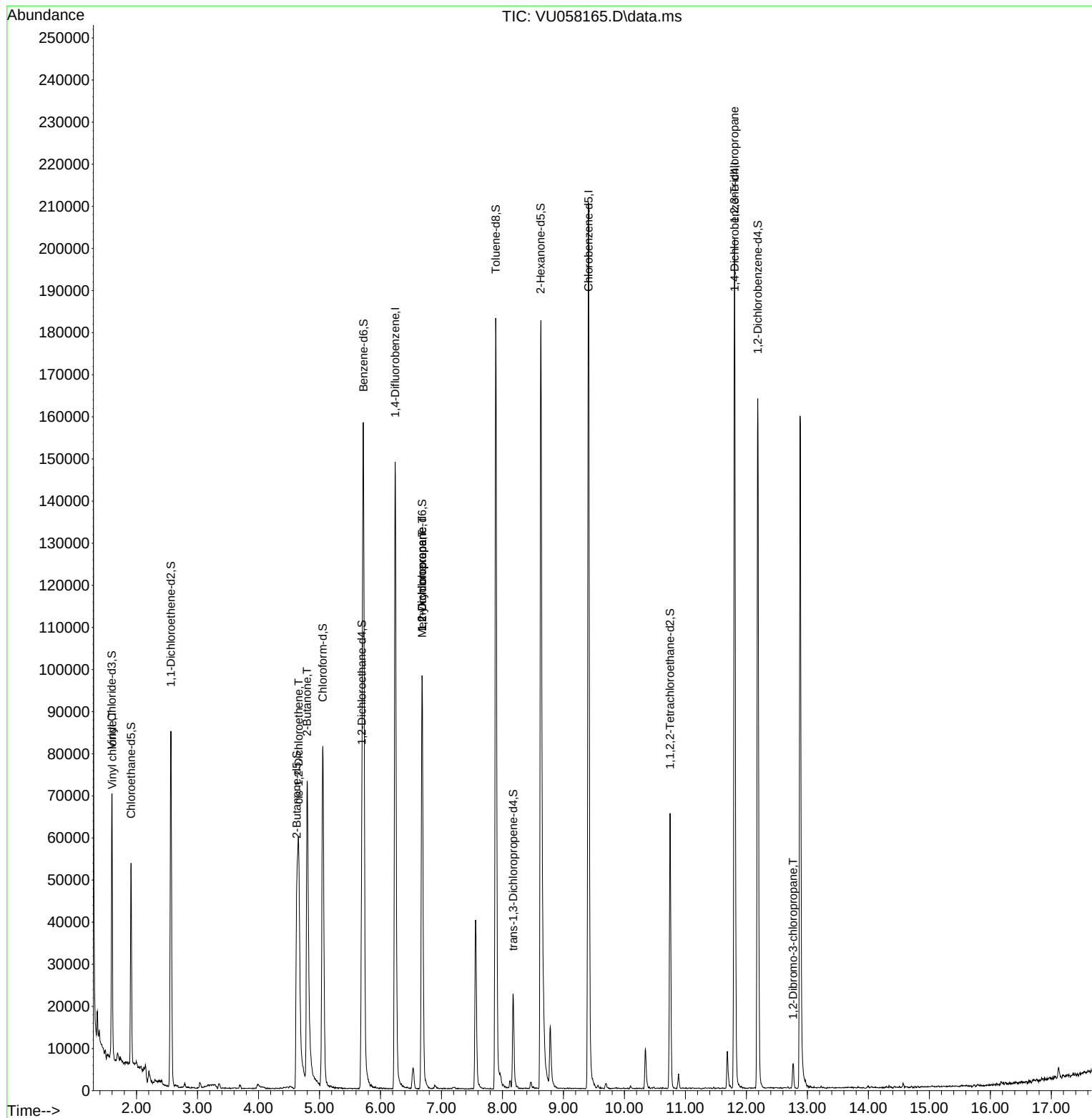
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	121098	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	118616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52161	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35713	4.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.911	69	33078	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	16383	4.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.628	46	91561	63.780	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.560%
24) Chloroform-d	5.055	84	77798	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	38128	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.721	84	153955	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	50236	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.891	98	128128	4.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.177	79	14083	3.897	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.627	63	67492	55.628	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	33171	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	42881	4.992	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	8014	0.868	ug/L	99
21) 2-Butanone	4.798	43	110991	65.932	ug/L #	49
22) cis-1,2-Dichloroethene	4.660	96	19864	2.269	ug/L	96
35) Methylcyclohexane	6.685	83	11045	0.752	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5067	0.540	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	7196	1.684	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.765	75	171	0.202	ug/L #	7

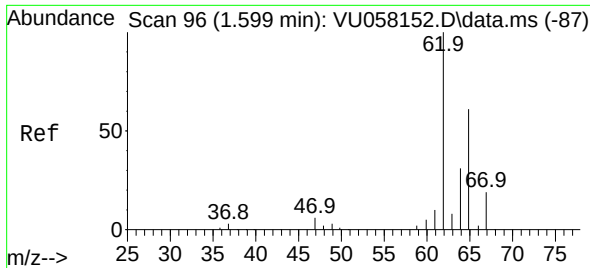
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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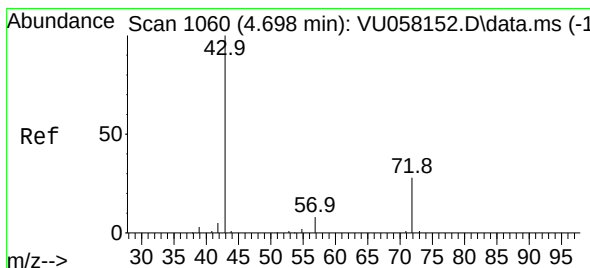
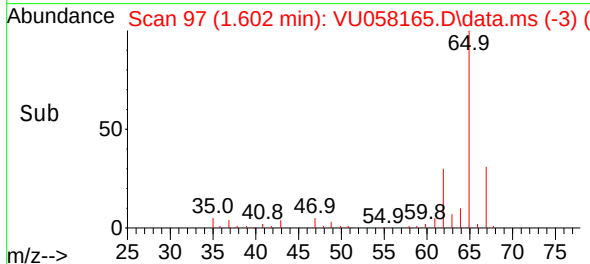
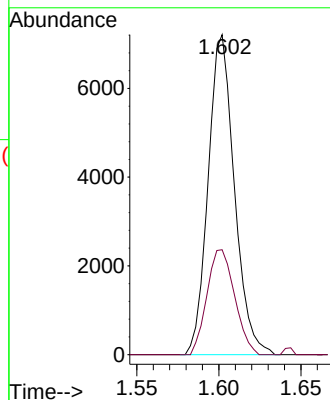
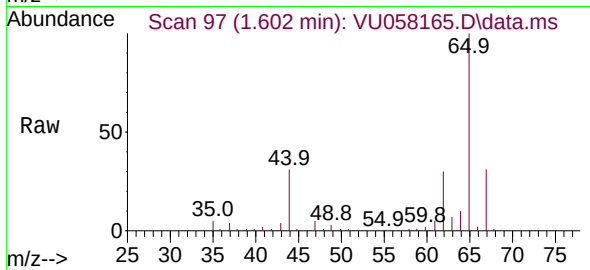




#5
Vinyl chloride
Concen: 0.868 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU058165.D
Acq: 19 Mar 2024 21:04

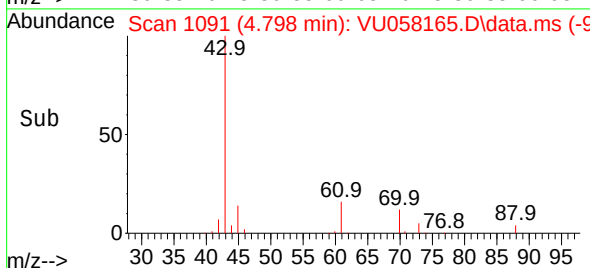
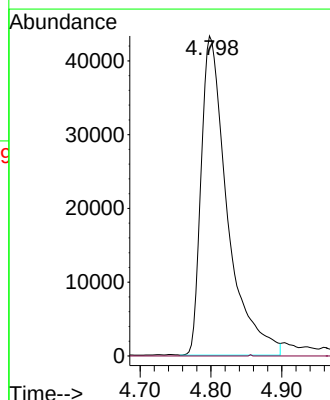
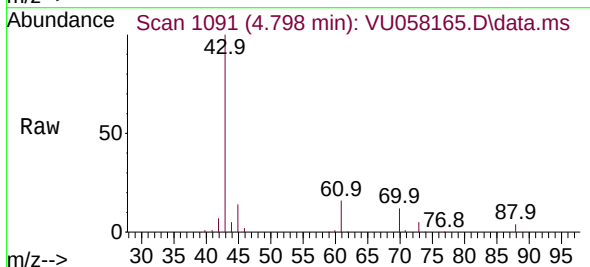
Instrument :
MSVOA_U
ClientSampleId :

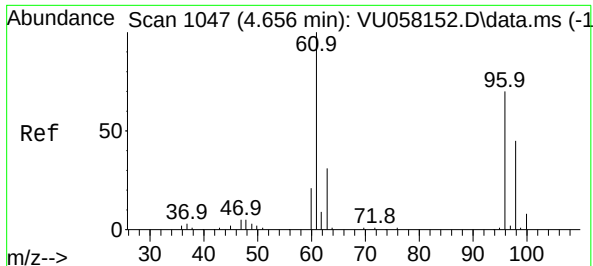
Tgt Ion: 62 Resp: 8014
Ion Ratio Lower Upper
62 100
64 32.8 22.5 41.7



#21
2-Butanone
Concen: 65.932 ug/L
RT: 4.798 min Scan# 1091
Delta R.T. 0.100 min
Lab File: VU058165.D
Acq: 19 Mar 2024 21:04

Tgt Ion: 43 Resp: 110991
Ion Ratio Lower Upper
43 100
72 0.0 13.0 39.0#





#22

cis-1,2-Dichloroethene

Concen: 2.269 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058165.D

Acq: 19 Mar 2024 21:04

Instrument :

MSVOA_U

ClientSampleId :

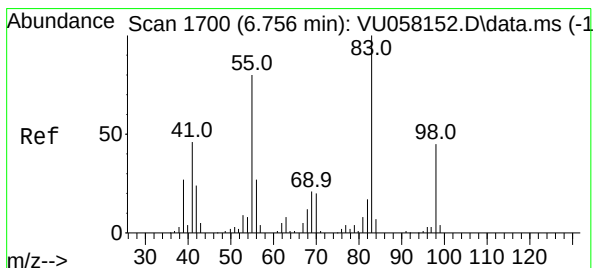
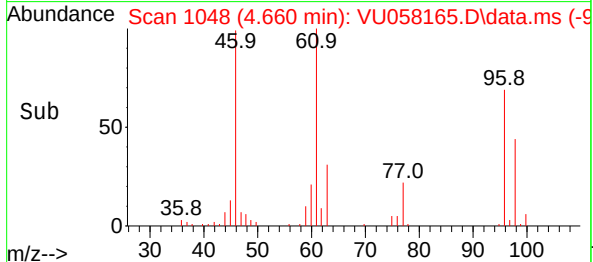
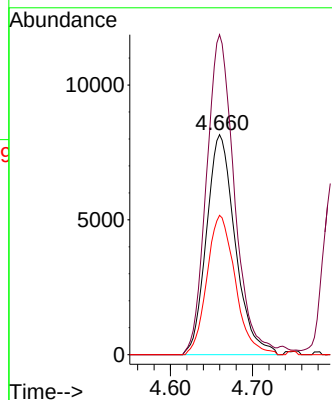
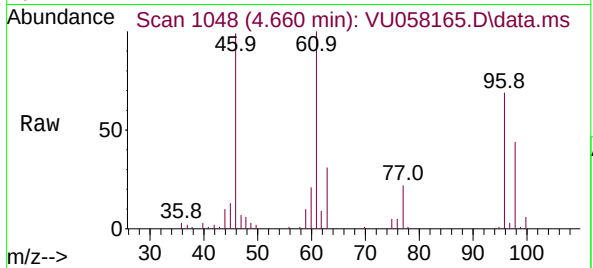
Tgt Ion: 96 Resp: 19864

Ion Ratio Lower Upper

96 100

61 145.5 97.2 180.4

98 63.3 45.5 84.5



#35

Methylcyclohexane

Concen: 0.752 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU058165.D

Acq: 19 Mar 2024 21:04

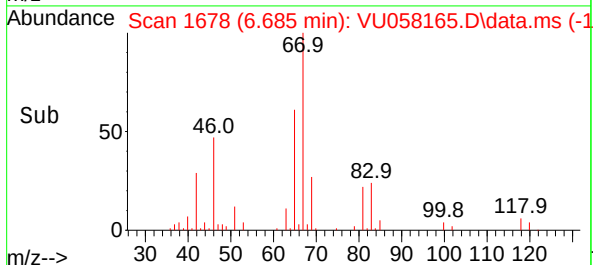
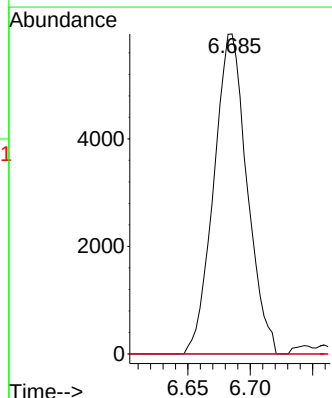
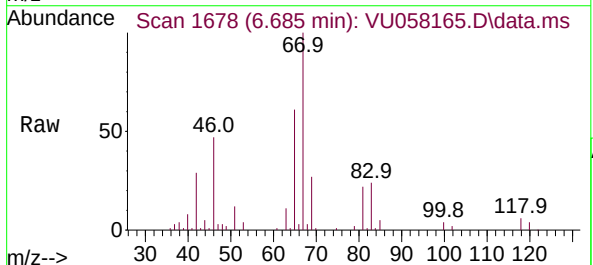
Tgt Ion: 83 Resp: 11045

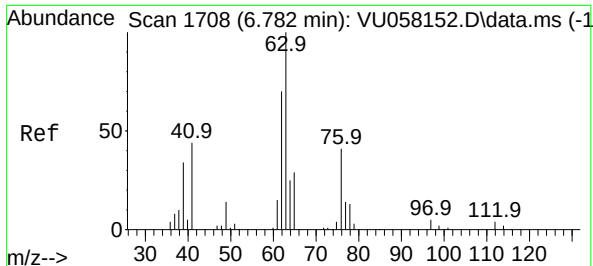
Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 0.6 36.2 54.4#

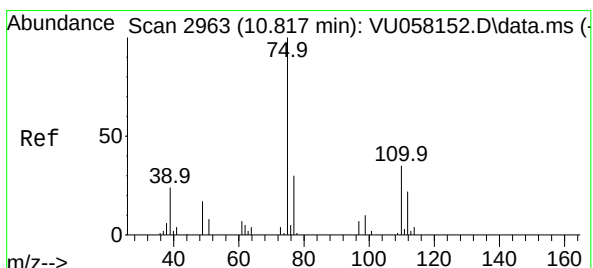
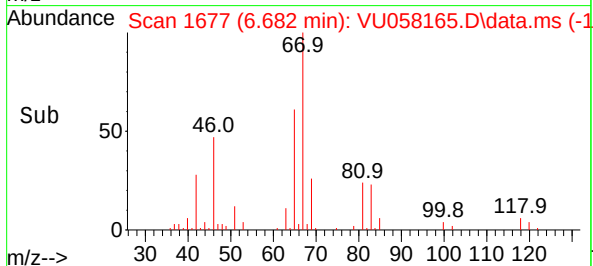
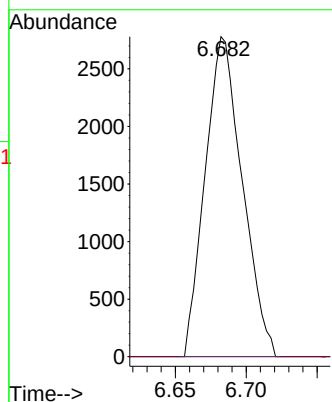
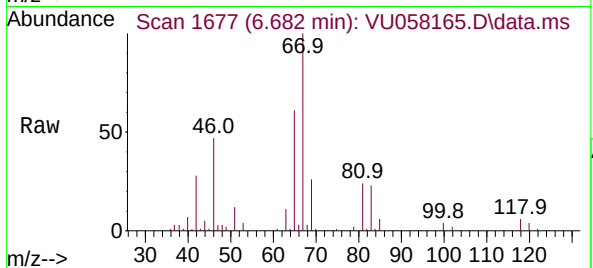




#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058165.D
Acq: 19 Mar 2024 21:04

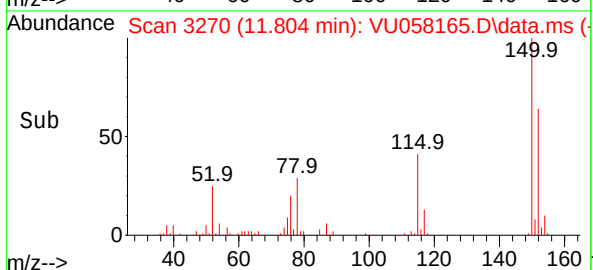
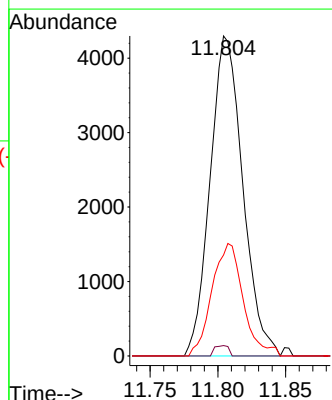
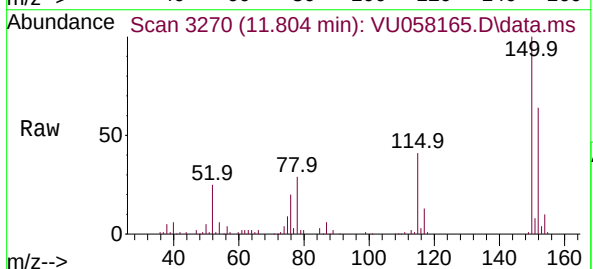
Instrument :
MSVOA_U
ClientSampleId :

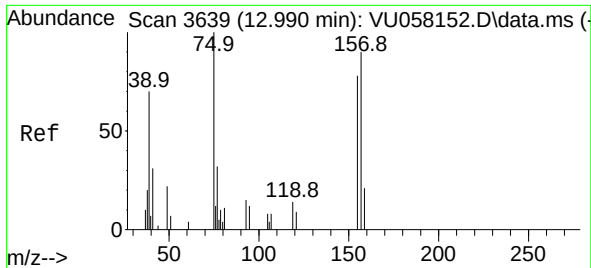
Tgt Ion: 63 Resp: 5067
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.684 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU058165.D
Acq: 19 Mar 2024 21:04

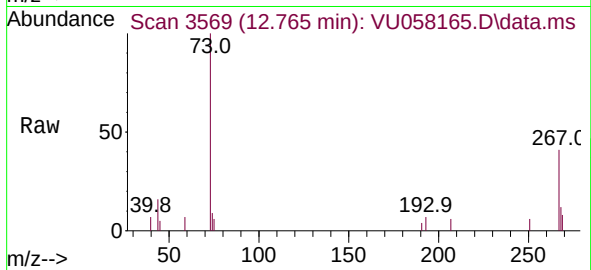
Tgt Ion: 75 Resp: 7196
Ion Ratio Lower Upper
75 100
110 1.4 28.0 42.0#
77 33.6 24.7 37.1





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.202 ug/L
 RT: 12.765 min Scan# 3569
 Delta R.T. -0.225 min
 Lab File: VU058165.D
 Acq: 19 Mar 2024 21:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 171
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.0 91.6#
 157 0.0 74.6 112.0#

