

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058411.D
 Acq On : 05 Apr 2024 11:41
 Operator : MD/SY
 Sample : P1925-19DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:34:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

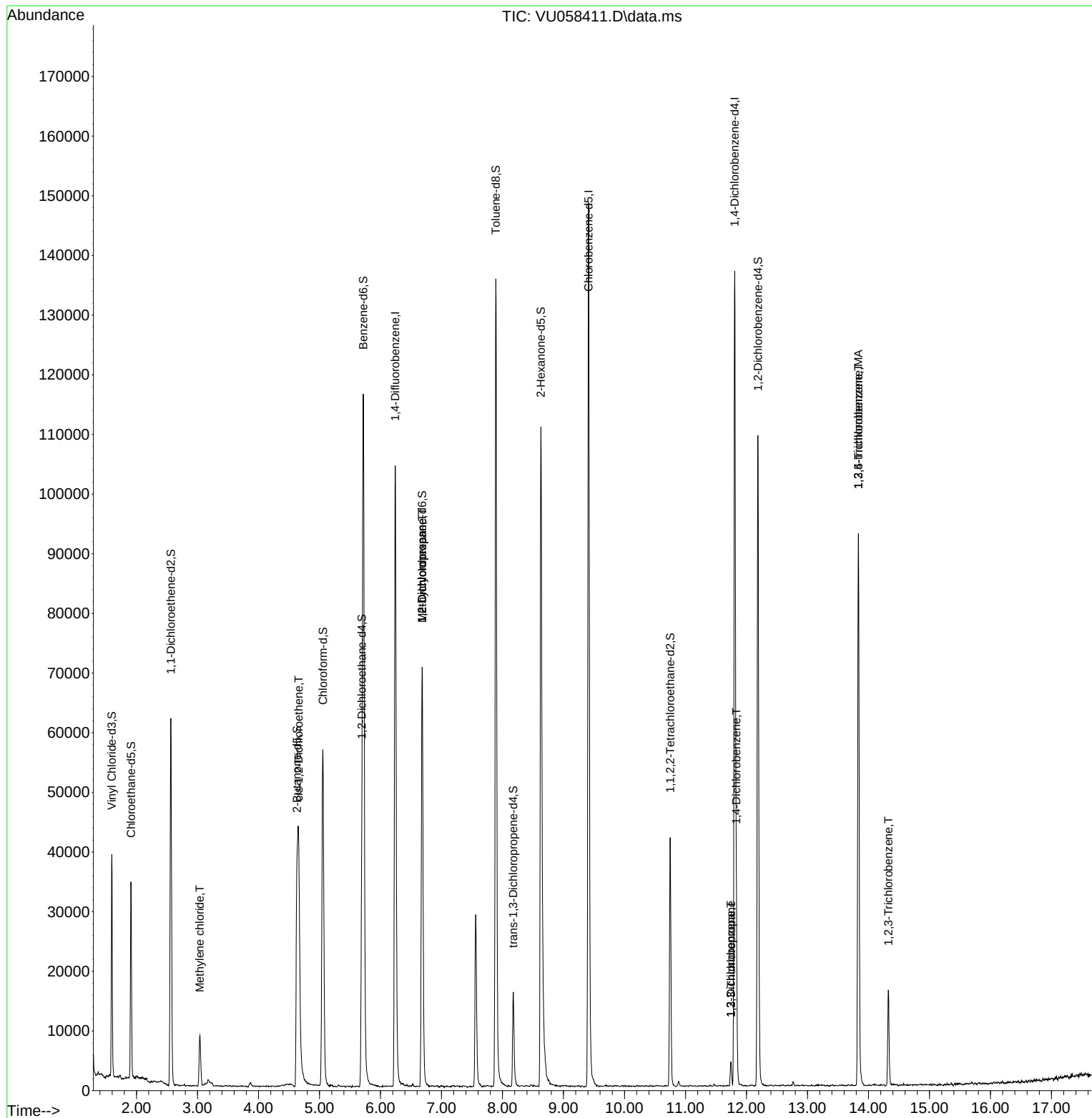
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	82914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79719	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26093	4.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.911	69	23176	4.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.563	65	11890	4.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	4.631	46	56623	48.946	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.900%
24) Chloroform-d	5.055	84	53034	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.695	65	26472	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.717	84	108465	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.682	67	34063	5.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.891	98	89952	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.177	79	9915	4.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.627	63	39341	45.653	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.300%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21255	4.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	28775	4.790	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	3784	0.485	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	14297	2.067	ug/L	87
35) Methylcyclohexane	6.682	83	6669	0.608	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	3668	0.482	ug/L #	90
61) 1,2,3-Trichloropropane	11.746	75	729	0.200	ug/L #	43
64) 1,3-Dichlorobenzene	11.743	146	2085	0.164	ug/L	92
65) 1,4-Dichlorobenzene	11.833	146	10935	0.885	ug/L	96
69) 1,3,5-Trichlorobenzene	13.836	180	29520	3.147	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	29520	4.081	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	5201	0.871	ug/L	98

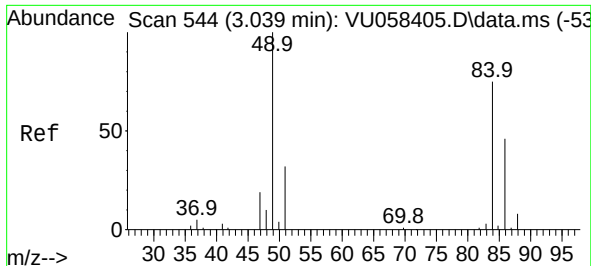
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058411.D
Acq On : 05 Apr 2024 11:41
Operator : MD/SY
Sample : P1925-19DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

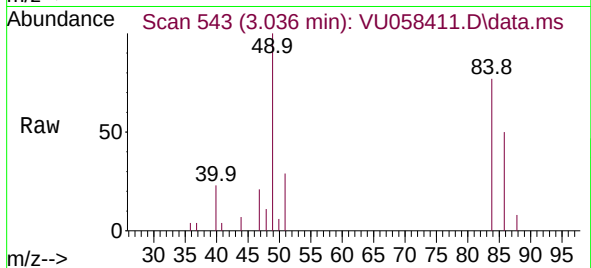
Quant Time: Apr 05 23:34:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 23:33:02 2024
Response via : Initial Calibration



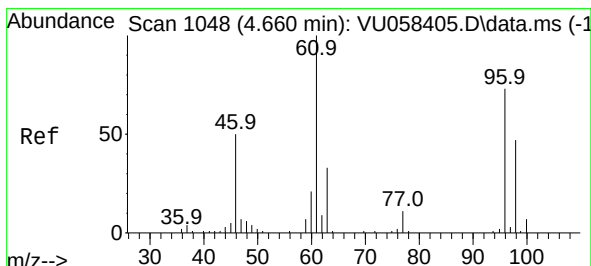
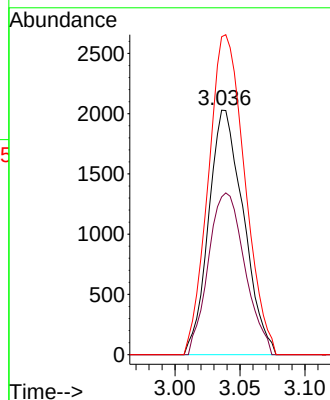
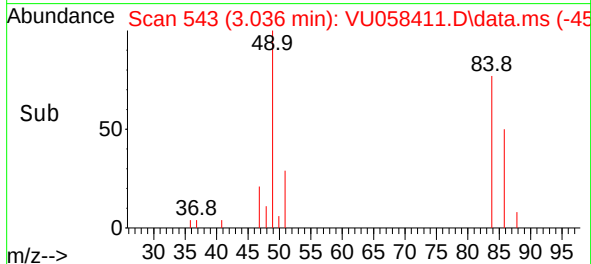


#16
Methylene chloride
Concen: 0.485 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU058411.D
Acq: 05 Apr 2024 11:41

Instrument :
MSVOA_U
ClientSampleId :

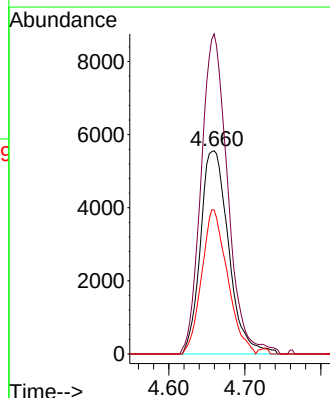
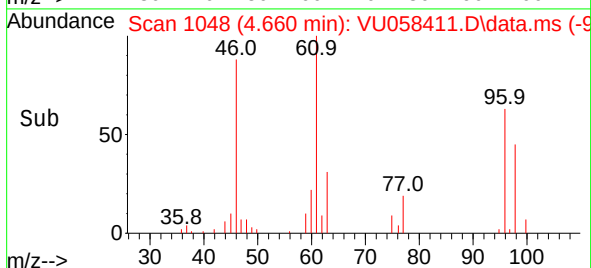
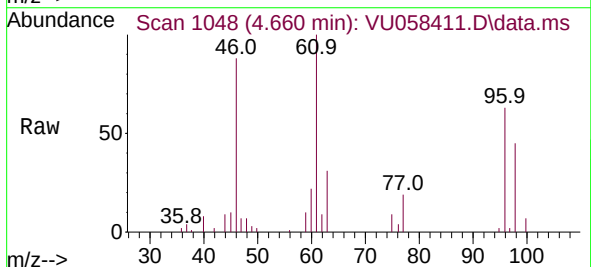


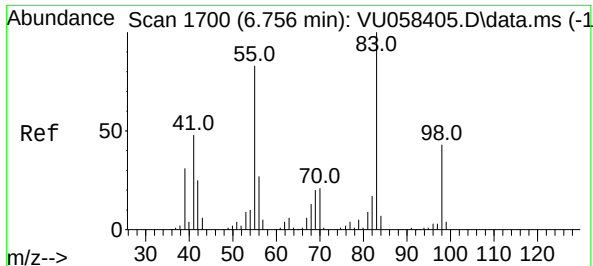
Tgt Ion: 84 Resp: 3784
Ion Ratio Lower Upper
84 100
86 64.5 44.3 82.3
49 130.1 96.0 178.2



#22
cis-1,2-Dichloroethene
Concen: 2.067 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU058411.D
Acq: 05 Apr 2024 11:41

Tgt Ion: 96 Resp: 14297
Ion Ratio Lower Upper
96 100
61 157.5 98.1 182.3
98 70.9 43.6 81.0





#35

Methylcyclohexane

Concen: 0.608 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058411.D

Acq: 05 Apr 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :

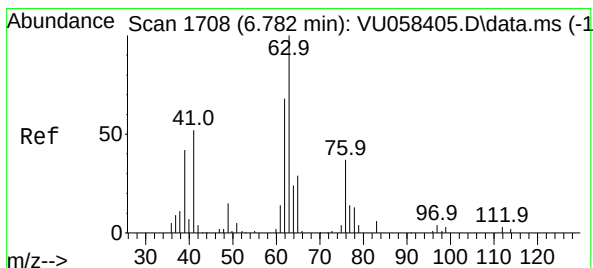
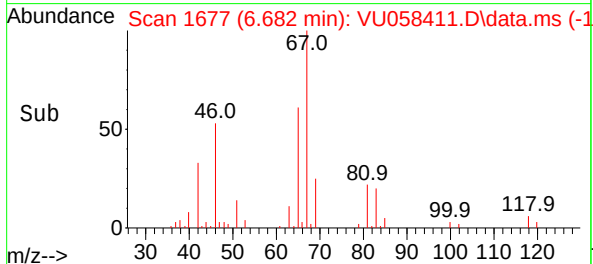
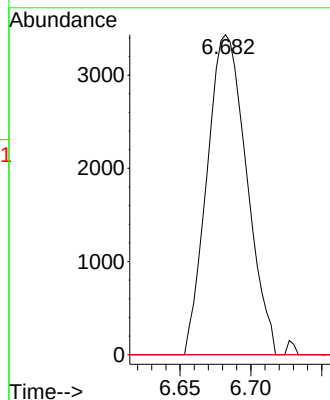
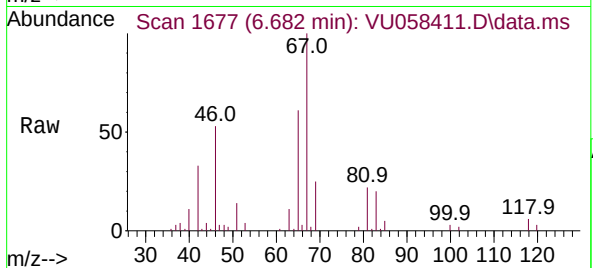
Tgt Ion: 83 Resp: 6669

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.3 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.482 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058411.D

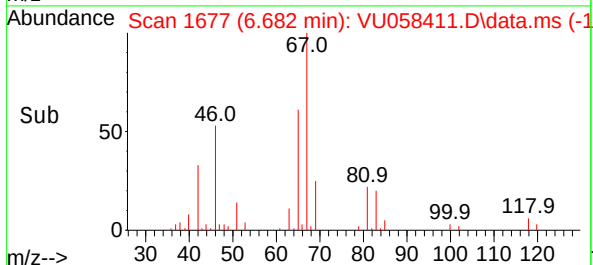
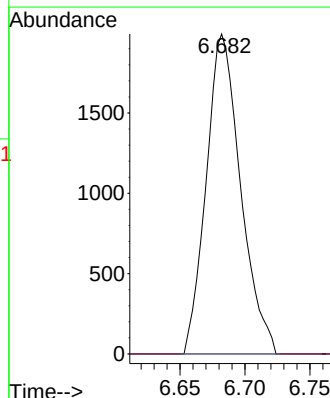
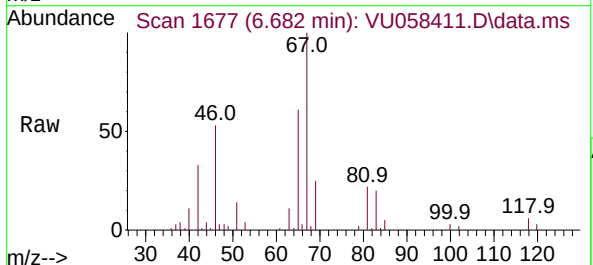
Acq: 05 Apr 2024 11:41

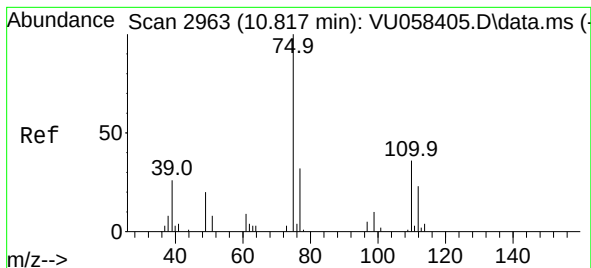
Tgt Ion: 63 Resp: 3668

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#61

1,2,3-Trichloropropane

Concen: 0.200 ug/L

RT: 11.746 min Scan# 31

Delta R.T. 0.929 min

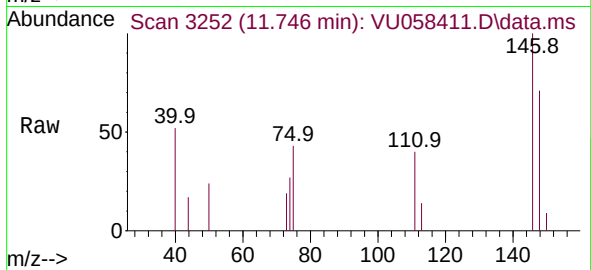
Lab File: VU058411.D

Acq: 05 Apr 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :



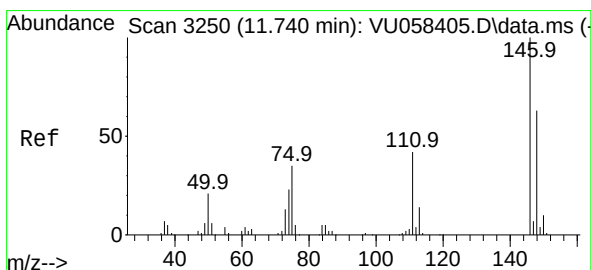
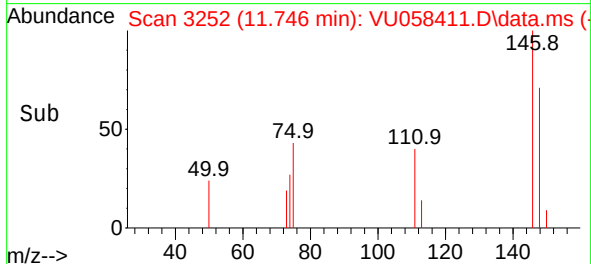
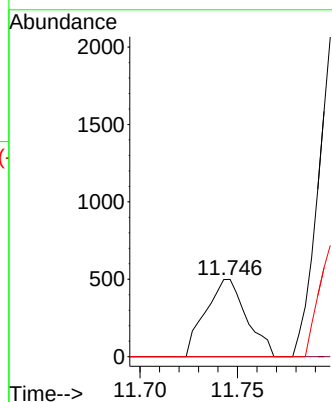
Tgt Ion: 75 Resp: 729

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 0.0 25.1 37.7#



#64

1,3-Dichlorobenzene

Concen: 0.164 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VU058411.D

Acq: 05 Apr 2024 11:41

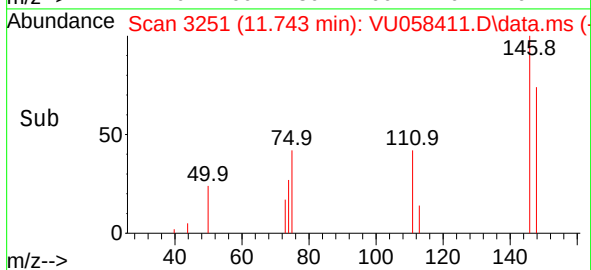
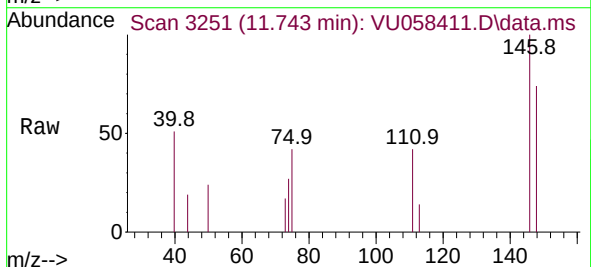
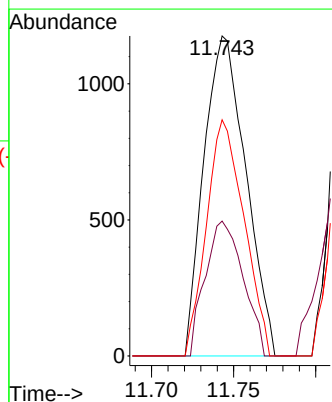
Tgt Ion: 146 Resp: 2085

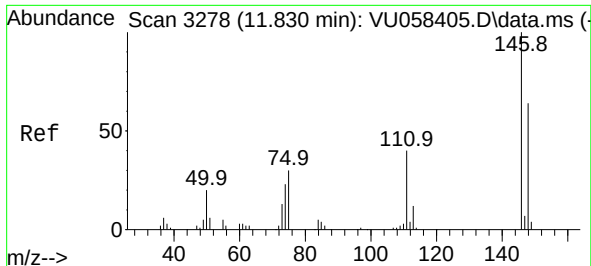
Ion Ratio Lower Upper

146 100

111 42.2 28.8 53.4

148 73.8 44.9 83.3





#65

1,4-Dichlorobenzene

Concen: 0.885 ug/L

RT: 11.833 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU058411.D

Acq: 05 Apr 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :

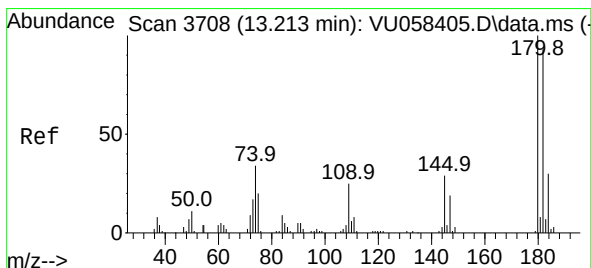
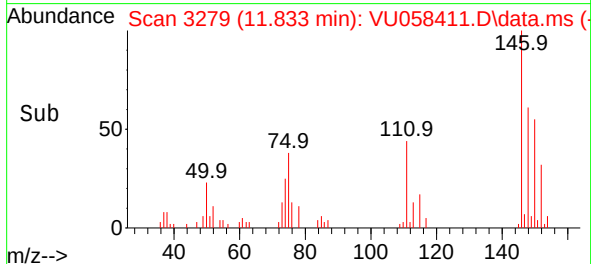
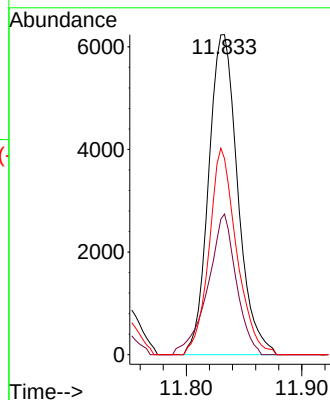
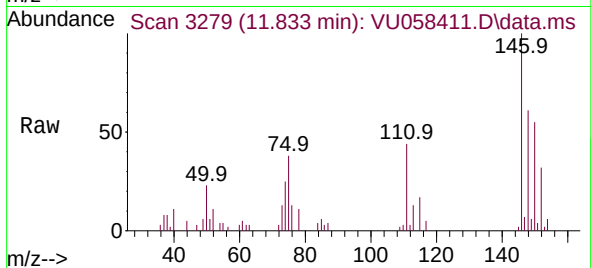
Tgt Ion:146 Resp: 10935

Ion Ratio Lower Upper

146 100

111 44.0 28.8 53.6

148 61.2 45.3 84.1



#69

1,3,5-Trichlorobenzene

Concen: 3.147 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.624 min

Lab File: VU058411.D

Acq: 05 Apr 2024 11:41

Tgt Ion:180 Resp: 29520

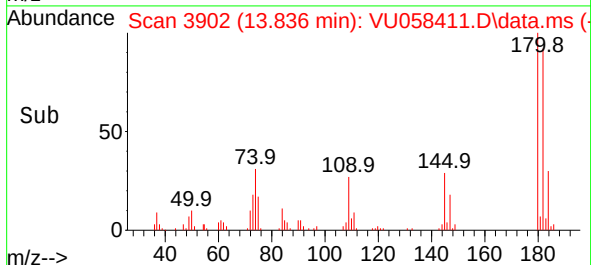
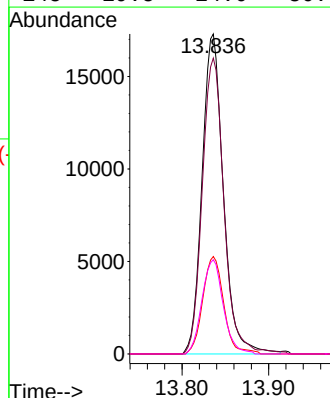
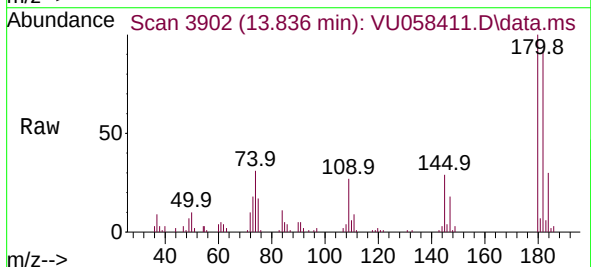
Ion Ratio Lower Upper

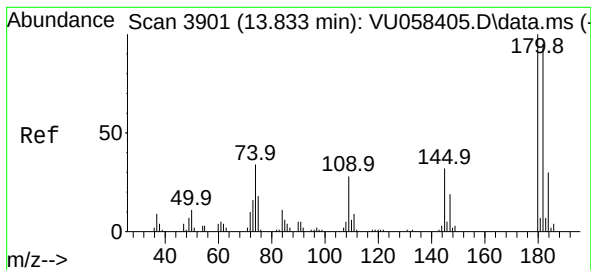
180 100

182 94.3 75.7 113.5

184 30.0 24.3 36.5

145 29.5 24.0 36.0





#70

1,2,4-trichlorobenzene

Concen: 4.081 ug/L

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

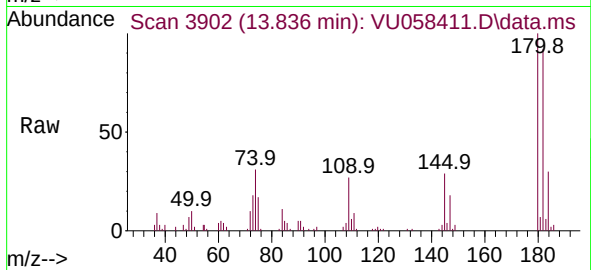
Lab File: VU058411.D

Acq: 05 Apr 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :



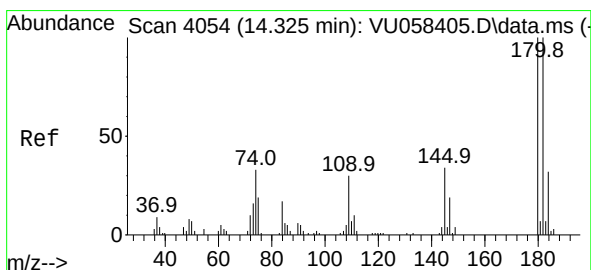
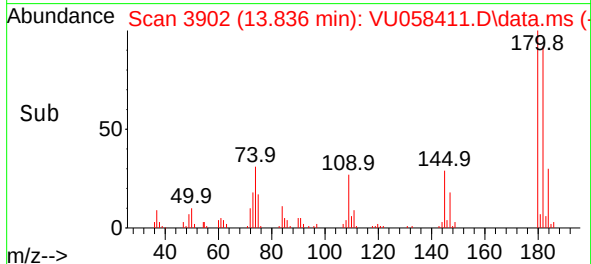
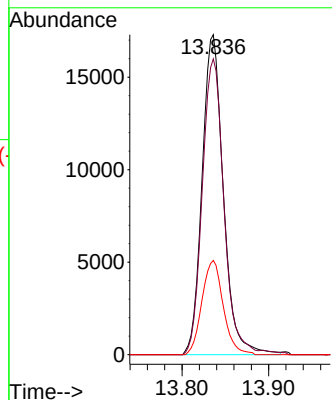
Tgt Ion:180 Resp: 29520

Ion Ratio Lower Upper

180 100

182 94.3 74.4 111.6

145 29.5 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 0.871 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU058411.D

Acq: 05 Apr 2024 11:41

Tgt Ion:180 Resp: 5201

Ion Ratio Lower Upper

180 100

182 94.3 75.9 113.9

145 33.9 25.2 37.8

