

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057208.D
 Acq On : 22 Dec 2023 22:36
 Operator : MD/SY
 Sample : 05927-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 23 00:08:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

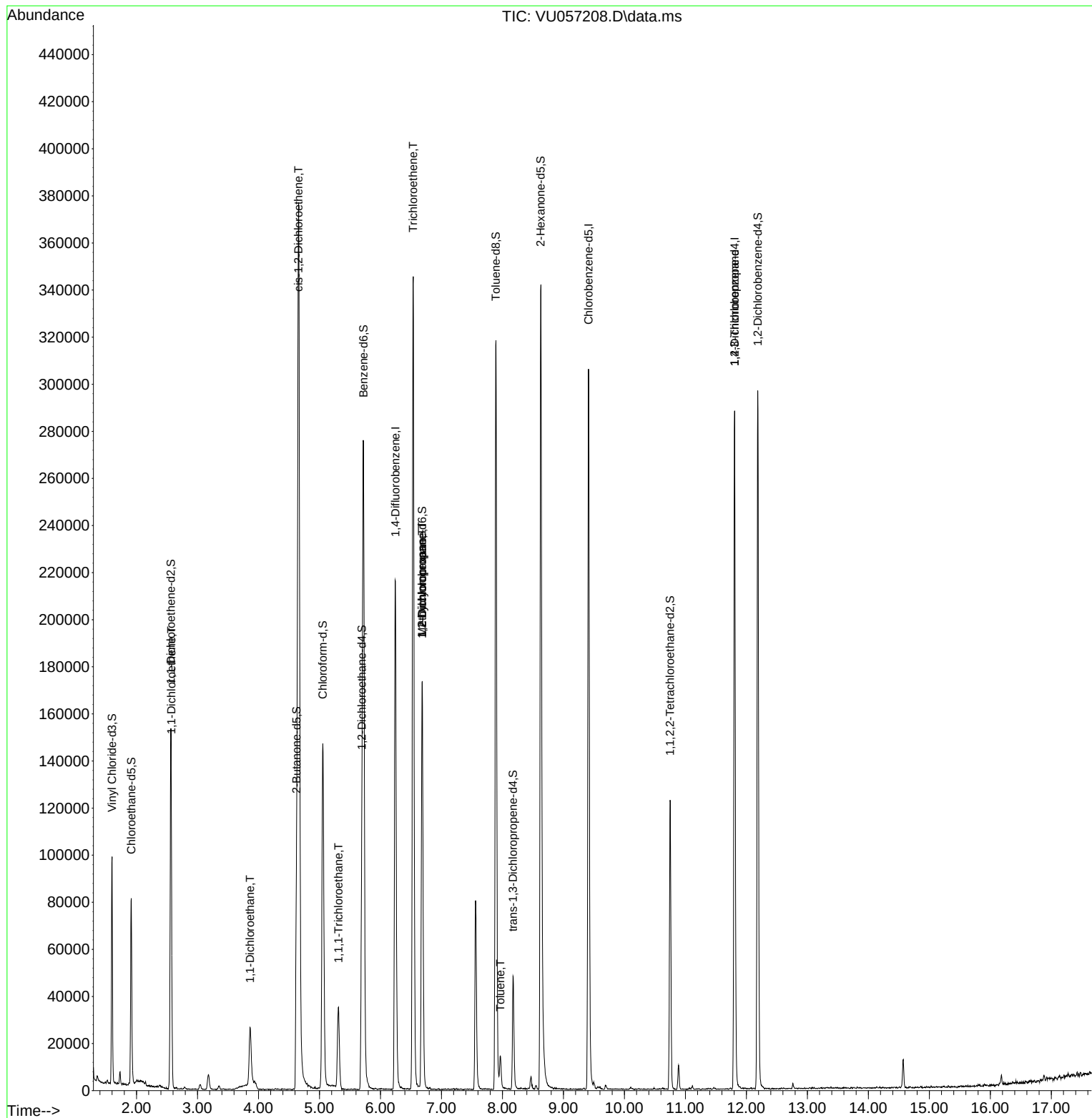
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	174501	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	174874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	67697	4.059	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.200%	
7) Chloroethane-d5	1.914	69	59850	4.359	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.563	65	29835	4.129	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.600%	
20) 2-Butanone-d5	4.624	46	138861	53.026	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.060%	
24) Chloroform-d	5.055	84	143859	4.466	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.695	65	72004	4.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.721	84	263454	4.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.682	67	84254	4.936	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.891	98	219924	4.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	8.174	79	29090	4.094	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.800%	
46) 2-Hexanone-d5	8.627	63	116932	48.337	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.680%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59296	4.882	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	77609	4.745	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.000%	
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	1457	0.112	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	28227	1.118	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	188568	13.459	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	25487	0.917	ug/L	97
34) Trichloroethene	6.537	95	123832	7.638	ug/L	98
35) Methylcyclohexane	6.685	83	20979	0.983	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9111	0.661	ug/L #	90
42) Toluene	7.965	91	10415	0.177	ug/L	98
61) 1,2,3-Trichloropropane	11.807	75	8606	1.215	ug/L #	65

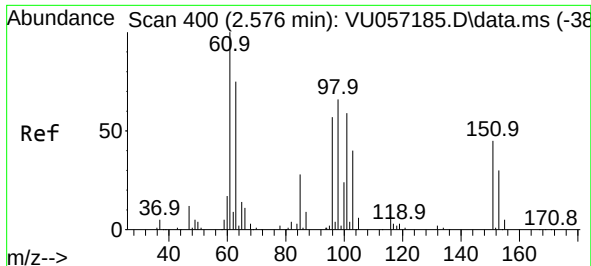
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.007 min

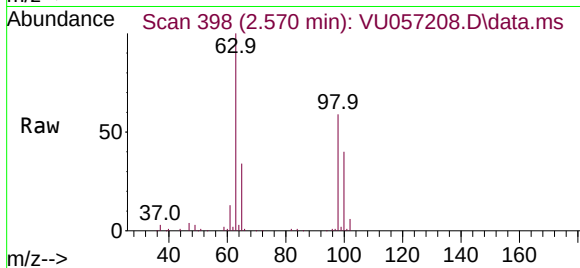
Lab File: VU057208.D

Acq: 22 Dec 2023 22:36

Instrument :

MSVOA_U

ClientSampleId :



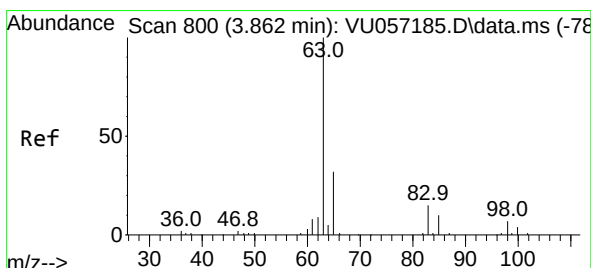
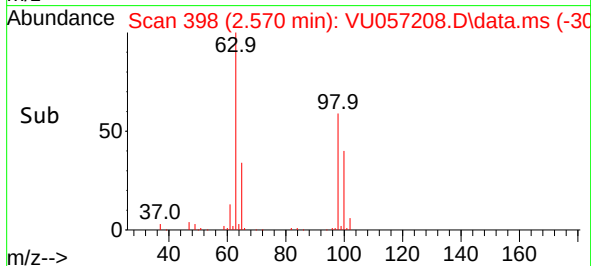
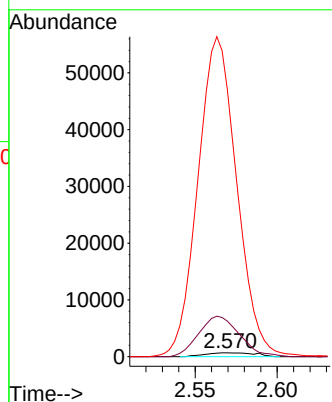
Tgt Ion: 96 Resp: 1457

Ion Ratio Lower Upper

96 100

61 914.5 119.6 222.0#

63 6871.3 96.2 178.8#



#19

1,1-Dichloroethane

Concen: 1.118 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU057208.D

Acq: 22 Dec 2023 22:36

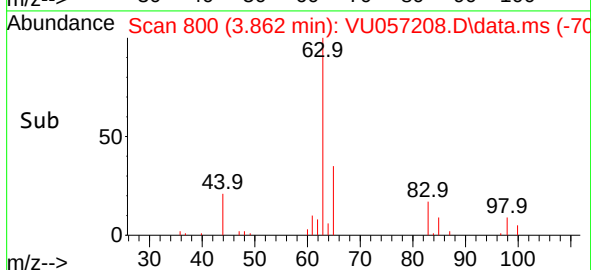
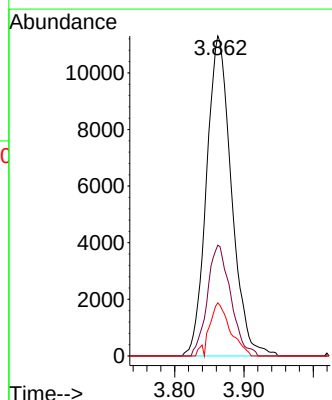
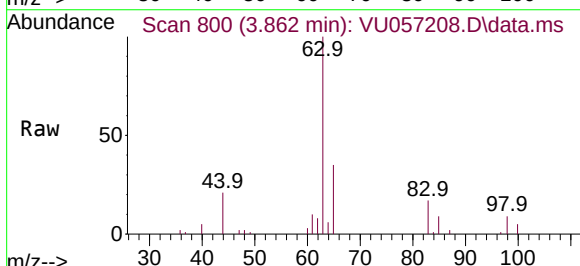
Tgt Ion: 63 Resp: 28227

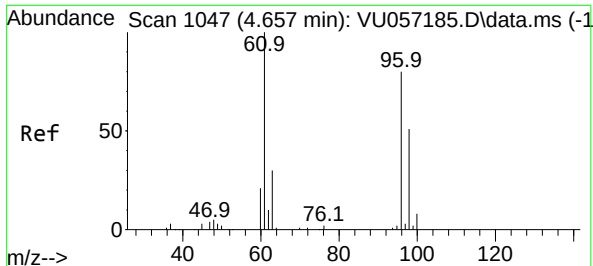
Ion Ratio Lower Upper

63 100

65 34.6 21.6 40.2

83 16.6 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 13.459 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU057208.D

Acq: 22 Dec 2023 22:36

Instrument :

MSVOA_U

ClientSampleId :

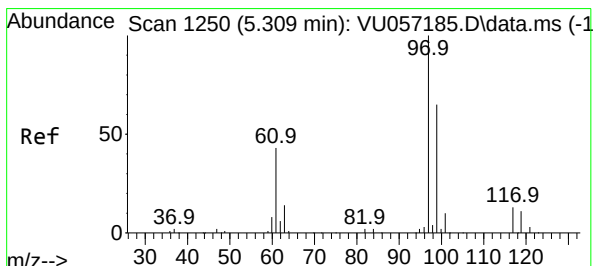
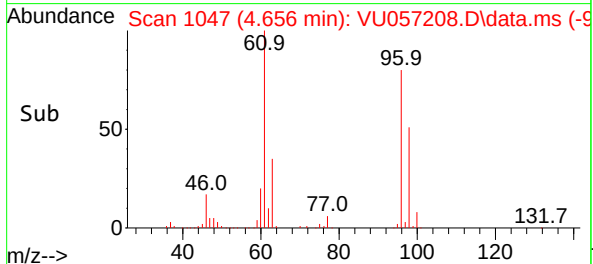
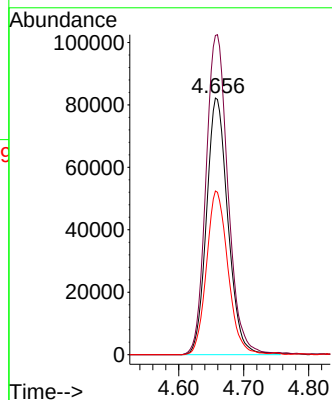
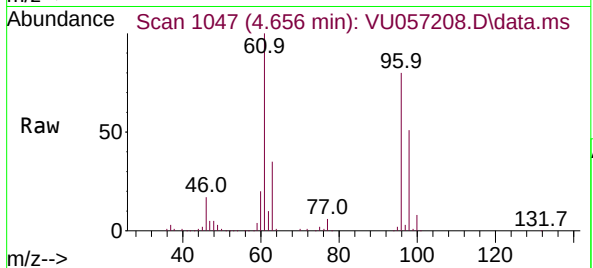
Tgt Ion: 96 Resp: 188568

Ion Ratio Lower Upper

96 100

61 124.4 86.8 161.2

98 63.8 45.5 84.5



#29

1,1,1-Trichloroethane

Concen: 0.917 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU057208.D

Acq: 22 Dec 2023 22:36

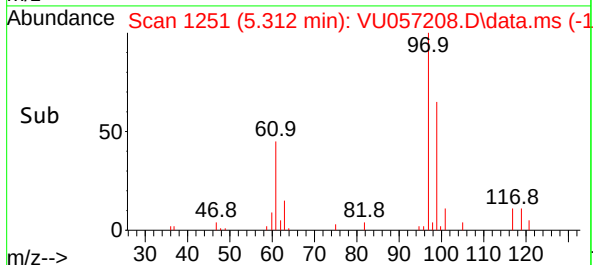
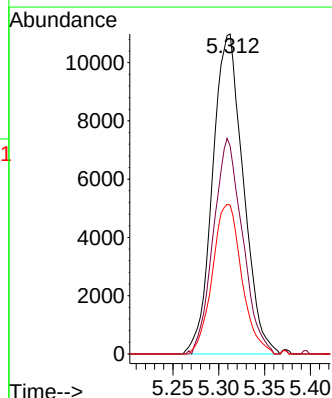
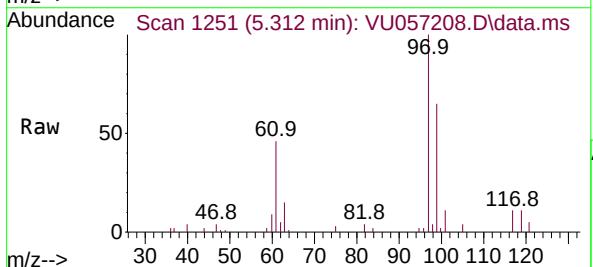
Tgt Ion: 97 Resp: 25487

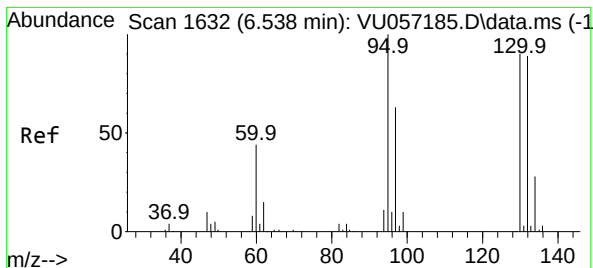
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 44.8 32.5 48.7





#34

Trichloroethene

Concen: 7.638 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057208.D

Acq: 22 Dec 2023 22:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 123832

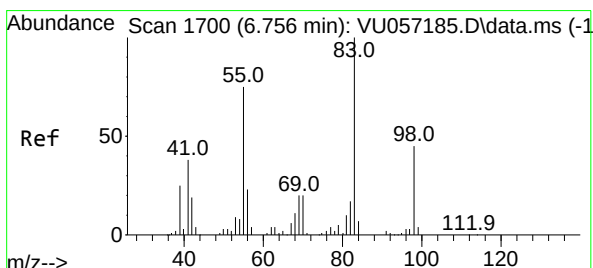
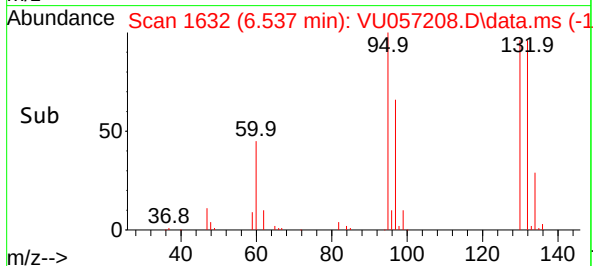
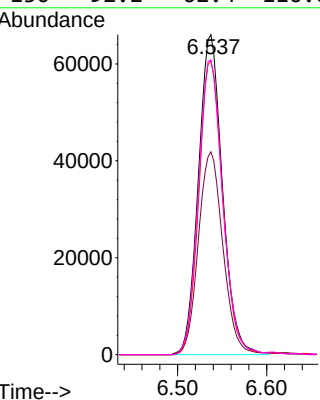
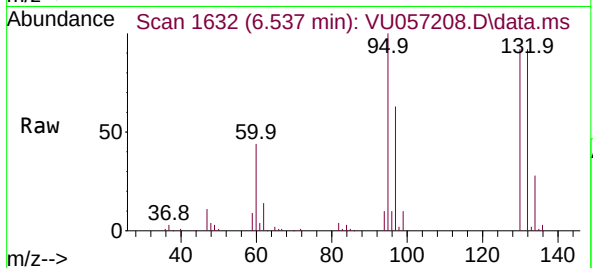
Ion Ratio Lower Upper

95 100

97 63.4 44.3 82.3

132 91.8 62.6 116.2

130 92.2 62.4 116.0



#35

Methylcyclohexane

Concen: 0.983 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU057208.D

Acq: 22 Dec 2023 22:36

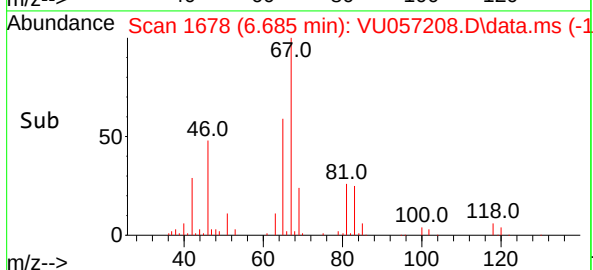
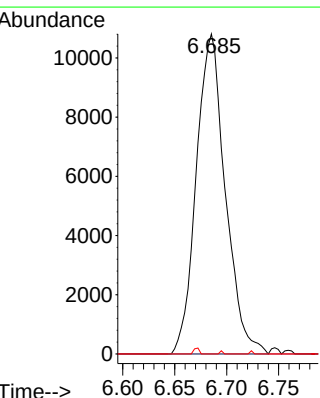
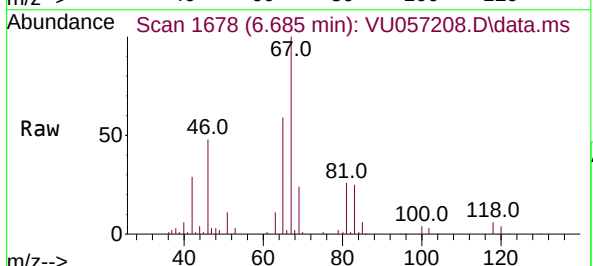
Tgt Ion: 83 Resp: 20979

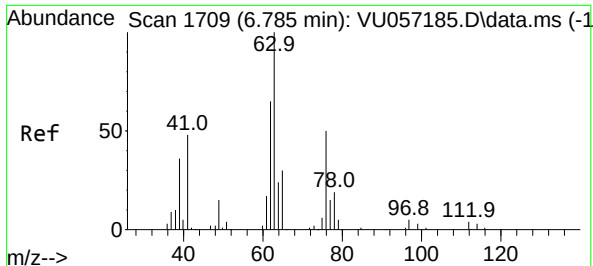
Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

98 0.8 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.661 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057208.D

Acq: 22 Dec 2023 22:36

Instrument :

MSVOA_U

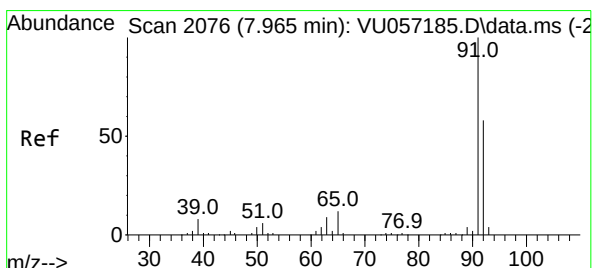
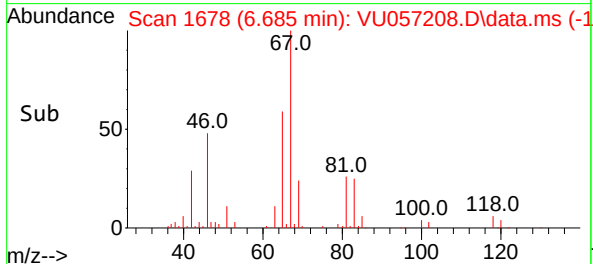
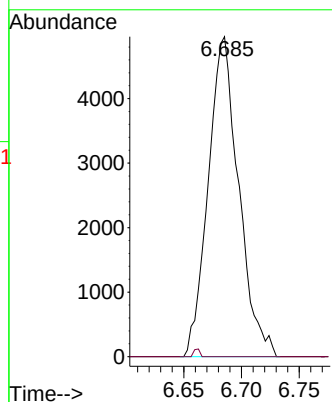
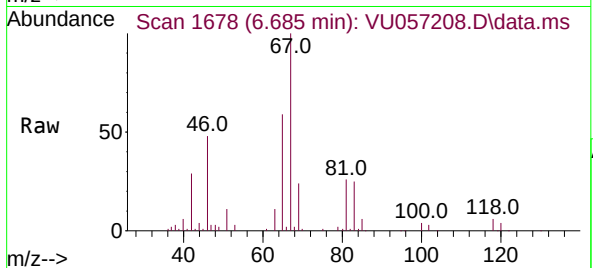
ClientSampleId :

Tgt Ion: 63 Resp: 9111

Ion Ratio Lower Upper

63 100

112 0.5 3.1 4.7#



#42

Toluene

Concen: 0.177 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU057208.D

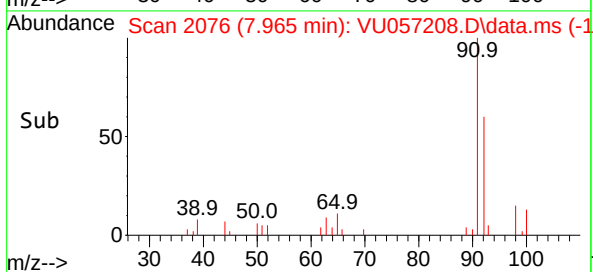
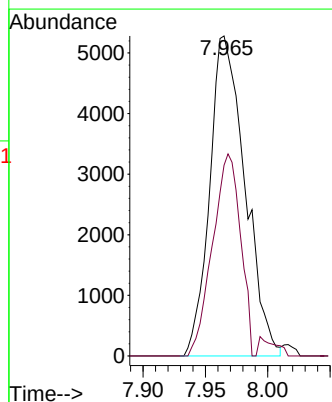
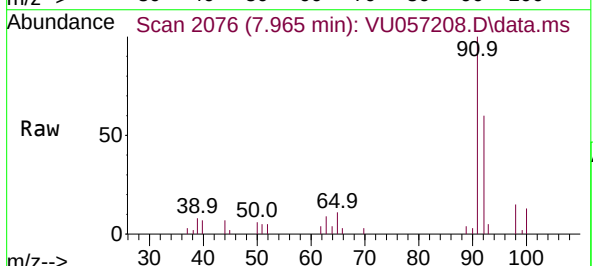
Acq: 22 Dec 2023 22:36

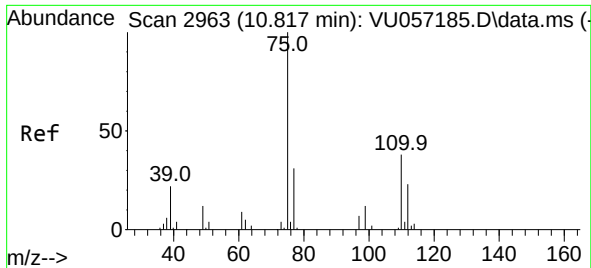
Tgt Ion: 91 Resp: 10415

Ion Ratio Lower Upper

91 100

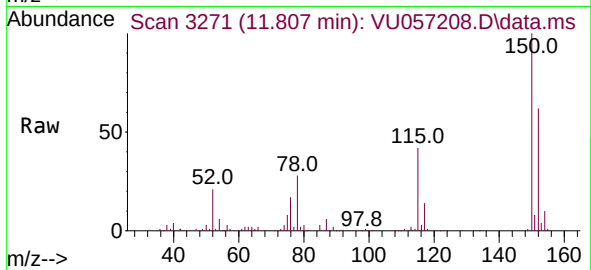
92 59.6 40.5 75.1





#61
 1,2,3-Trichloropropane
 Concen: 1.215 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057208.D
 Acq: 22 Dec 2023 22:36

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 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8606
 Ion Ratio Lower Upper
 75 100
 110 3.7 31.2 46.8#
 77 36.0 25.5 38.3

