

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057172.D
 Acq On : 22 Dec 2023 06:55
 Operator : MD/SY
 Sample : 05912-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 07:46:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 01:33:10 2023
 Response via : Initial Calibration

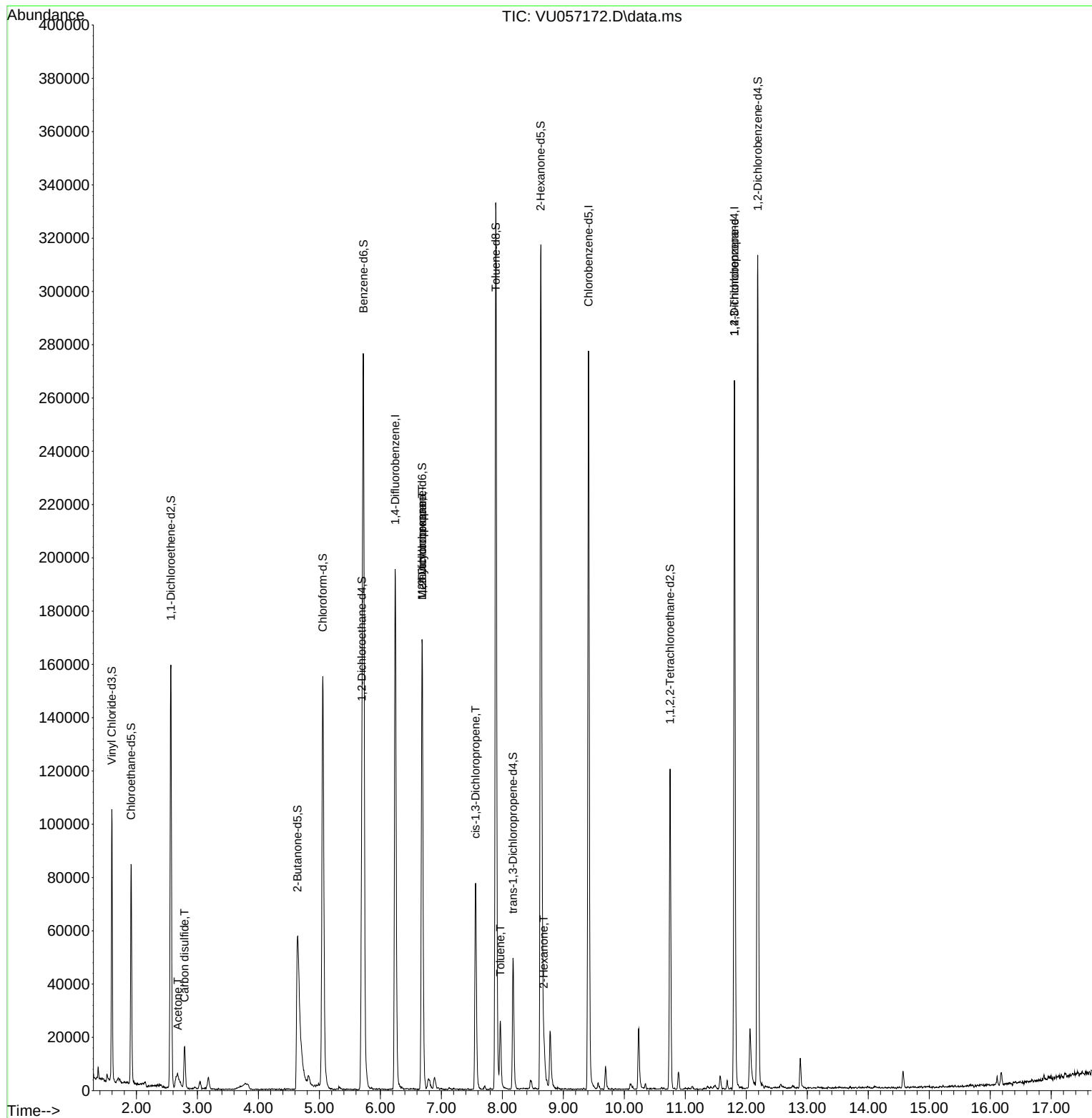
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156920	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	71516	4.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.911	69	60598	4.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.564	65	31253	4.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.641	46	130406	55.377	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.760%
24) Chloroform-d	5.055	84	147264	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.695	65	74159	5.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.721	84	265664	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.682	67	78260	5.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.891	98	226186	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.174	79	29653	4.613	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.628	63	112244	51.283	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.560%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	59283	5.395	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	78941	5.211	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
13) Acetone	2.676	43	14919	10.537	ug/L	47
14) Carbon disulfide	2.789	76	20941	0.567	ug/L	97
35) Methylcyclohexane	6.686	83	20911	1.083	ug/L #	19
37) 1,2-Dichloropropane	6.686	63	9488	0.760	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2121	0.113	ug/L #	63
42) Toluene	7.965	91	17787	0.335	ug/L	97
48) 2-Hexanone	8.679	43	6237	1.563	ug/L #	73
61) 1,2,3-Trichloropropane	11.804	75	7987	1.218	ug/L #	64

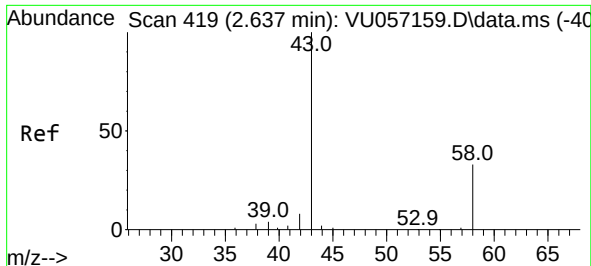
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.537 ug/L

RT: 2.676 min Scan# 419

Delta R.T. 0.039 min

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Instrument :

MSVOA_U

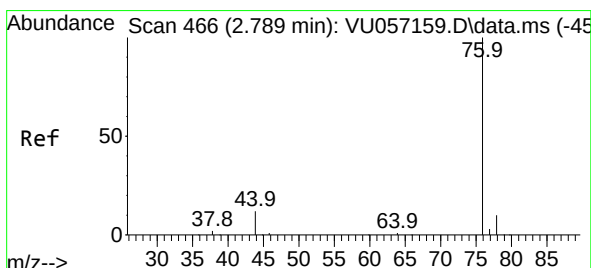
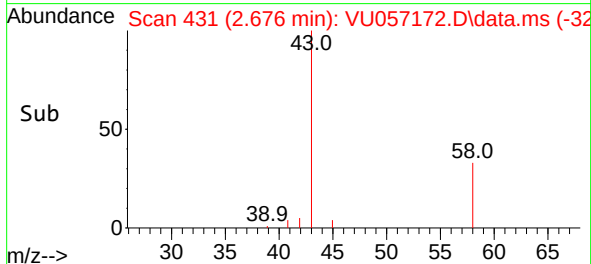
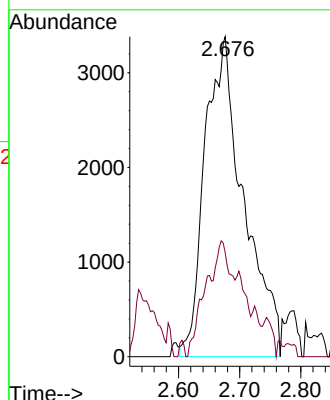
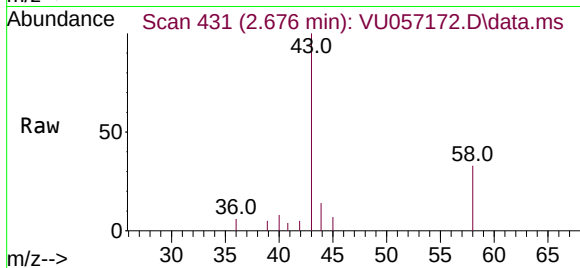
ClientSampleId :

Tgt Ion: 43 Resp: 14919

Ion Ratio Lower Upper

43 100

58 4.2 0.0 70.8



#14

Carbon disulfide

Concen: 0.567 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057172.D

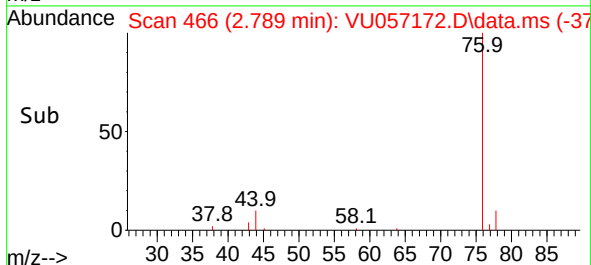
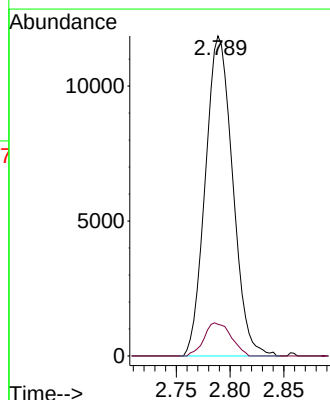
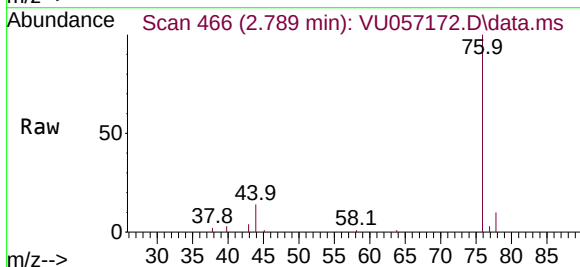
Acq: 22 Dec 2023 06:55

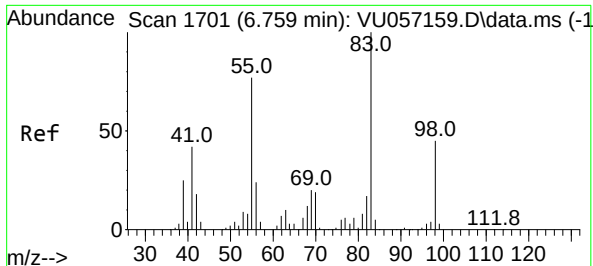
Tgt Ion: 76 Resp: 20941

Ion Ratio Lower Upper

76 100

78 9.9 7.1 10.7





#35

Methylcyclohexane

Concen: 1.083 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057172.D

Acq: 22 Dec 2023 06:55

Instrument :

MSVOA_U

ClientSampleId :

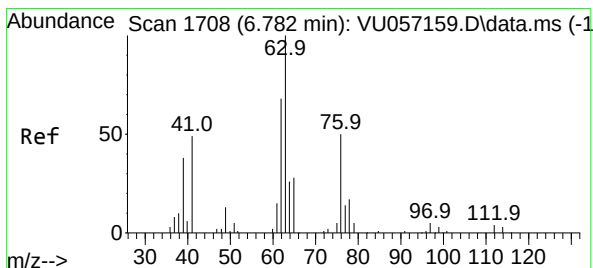
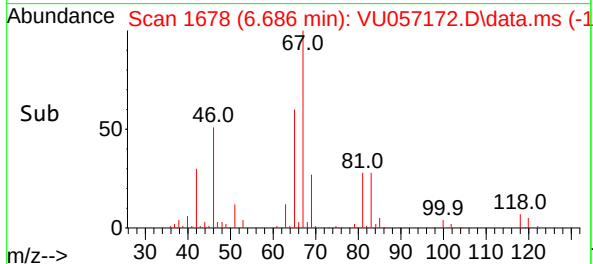
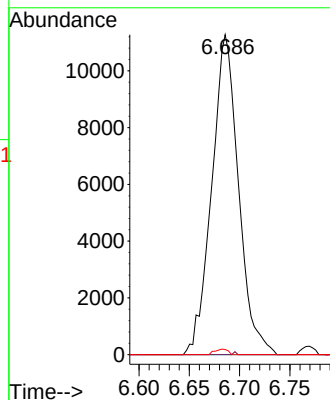
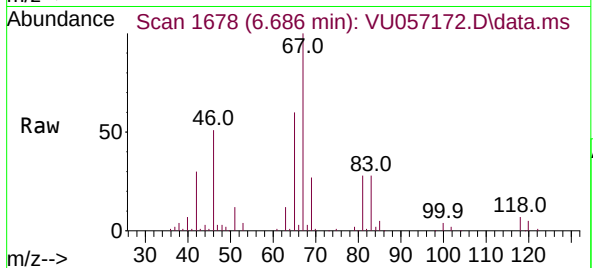
Tgt Ion: 83 Resp: 20911

Ion Ratio Lower Upper

83 100

55 0.1 61.3 91.9#

98 0.9 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.760 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU057172.D

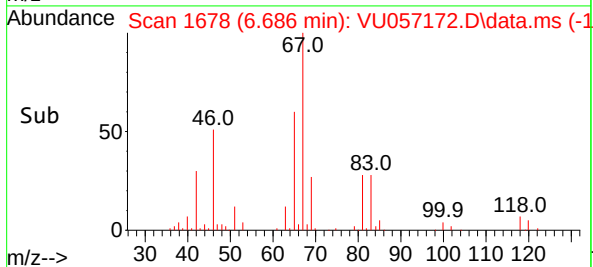
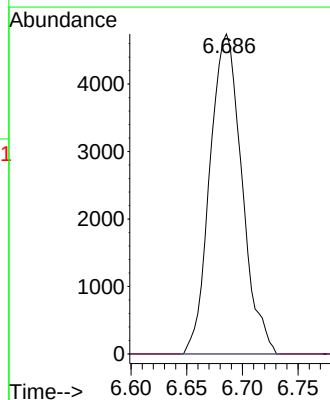
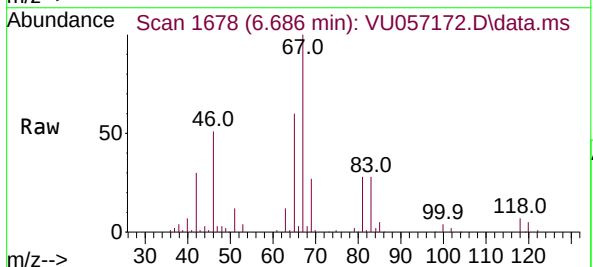
Acq: 22 Dec 2023 06:55

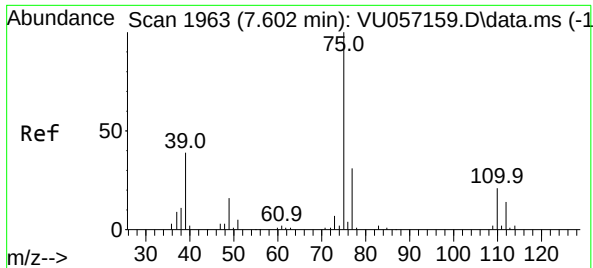
Tgt Ion: 63 Resp: 9488

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU057172.D

Acq: 22 Dec 2023 06:55

Instrument :

MSVOA_U

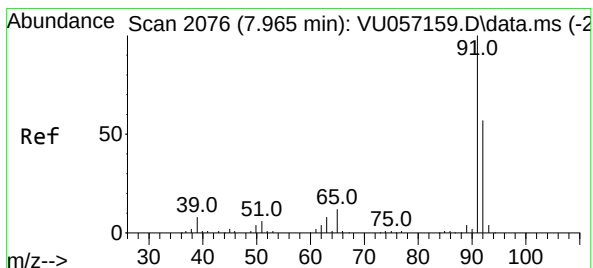
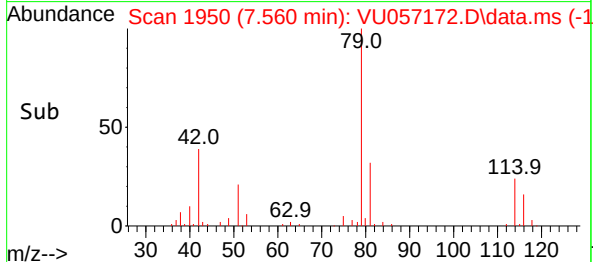
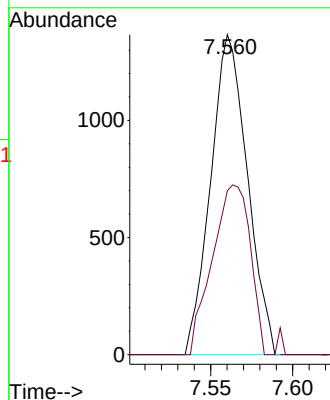
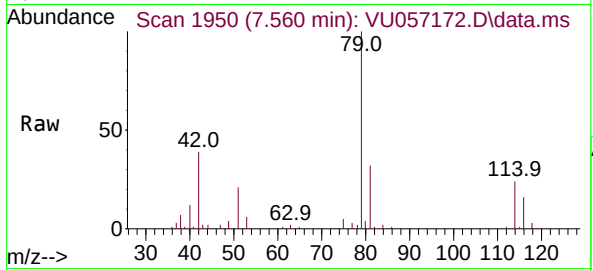
ClientSampleId :

Tgt Ion: 75 Resp: 2121

Ion Ratio Lower Upper

75 100

77 51.2 21.8 40.4#



#42

Toluene

Concen: 0.335 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057172.D

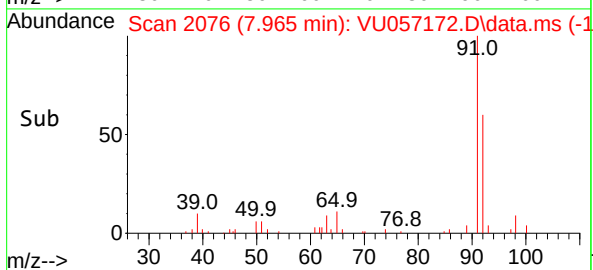
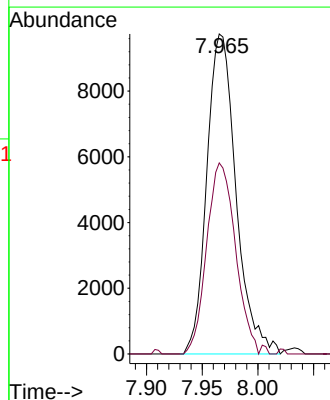
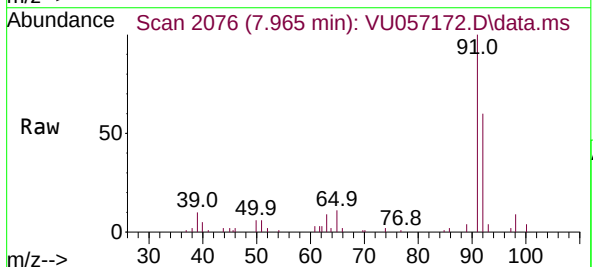
Acq: 22 Dec 2023 06:55

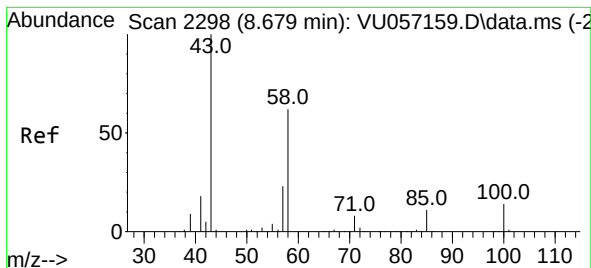
Tgt Ion: 91 Resp: 17787

Ion Ratio Lower Upper

91 100

92 59.7 40.5 75.1





#48

2-Hexanone

Concen: 1.563 ug/L

RT: 8.679 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057172.D

Acq: 22 Dec 2023 06:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 6237

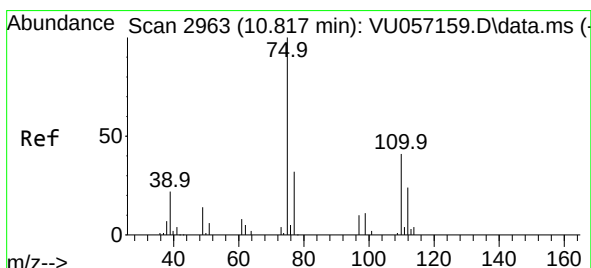
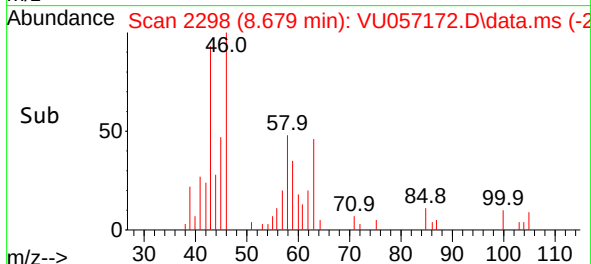
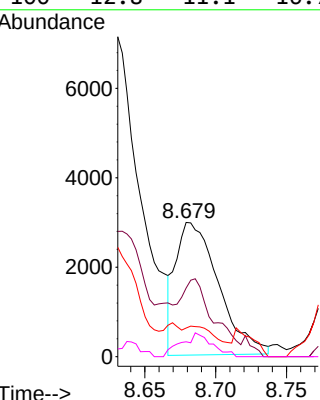
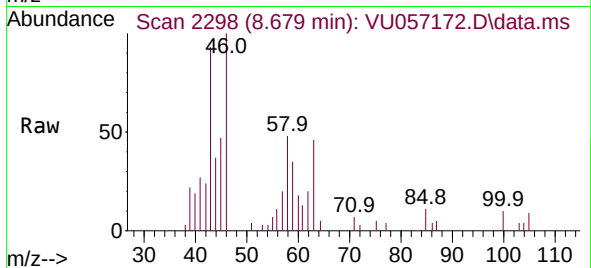
Ion Ratio Lower Upper

43 100

58 37.1 49.8 74.8#

57 9.9 18.5 27.7#

100 12.8 11.1 16.7



#61

1,2,3-Trichloropropane

Concen: 1.218 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU057172.D

Acq: 22 Dec 2023 06:55

Tgt Ion: 75 Resp: 7987

Ion Ratio Lower Upper

75 100

110 2.4 31.2 46.8#

77 35.7 25.5 38.3

