

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057349.D
 Acq On : 28 Dec 2023 21:35
 Operator : MD/SY
 Sample : 05998-07DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 29 00:06:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

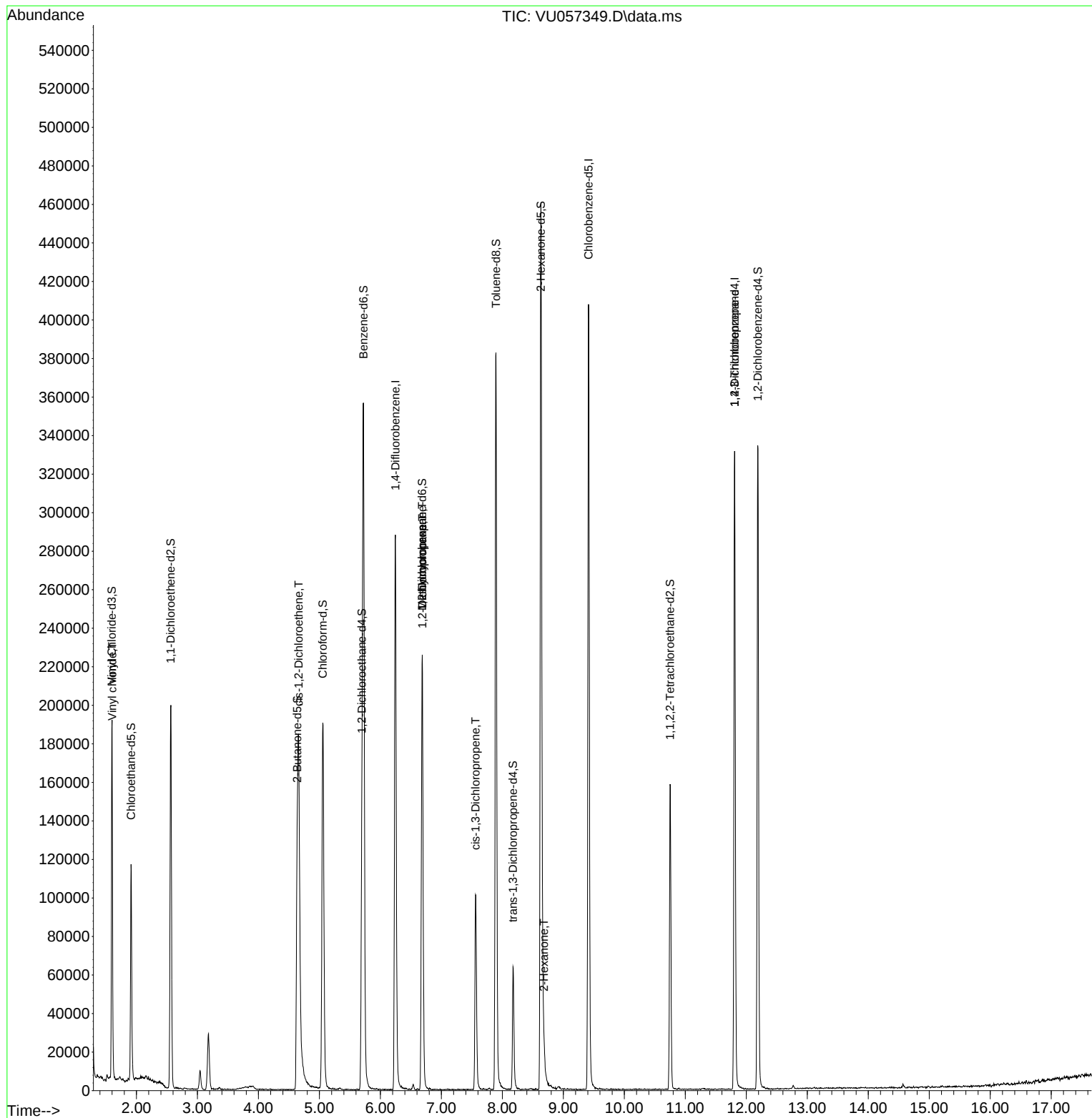
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	228121	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	234805	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95073	4.848	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.911	69	86734	5.506	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.200%
11) 1,1-Dichloroethene-d2	2.560	65	38773	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.634	46	216448	48.730	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.460%
24) Chloroform-d	5.055	84	185009	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.695	65	92425	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.721	84	334014	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.685	67	109760	5.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.894	98	259394	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.174	79	38626	4.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.631	63	158697	41.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81239	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	87746	5.417	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	47583	2.499	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	56247	3.289	ug/L	98
35) Methylcyclohexane	6.685	83	25087	1.066	ug/L #	17
37) 1,2-Dichloropropane	6.689	63	12103	0.643	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	2854	0.111	ug/L	83
48) 2-Hexanone	8.682	43	4704	0.665	ug/L #	75
61) 1,2,3-Trichloropropane	11.807	75	10588	1.140	ug/L #	66

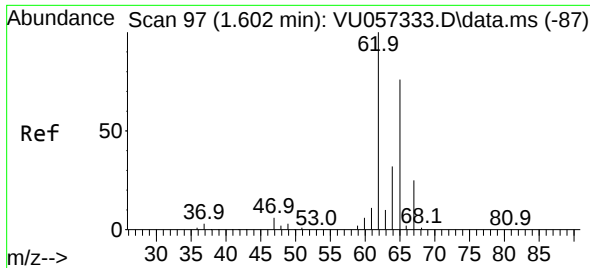
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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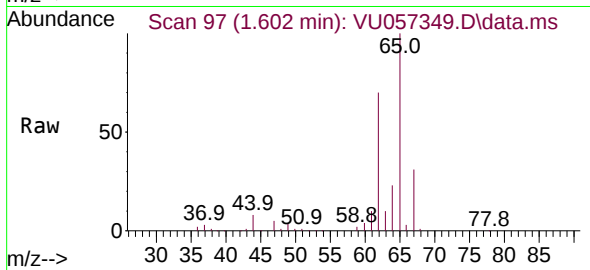
Quant Time: Dec 29 00:06:11 2023
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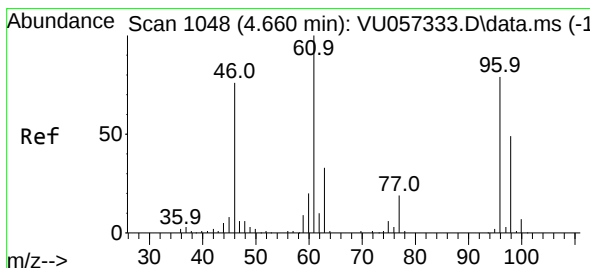
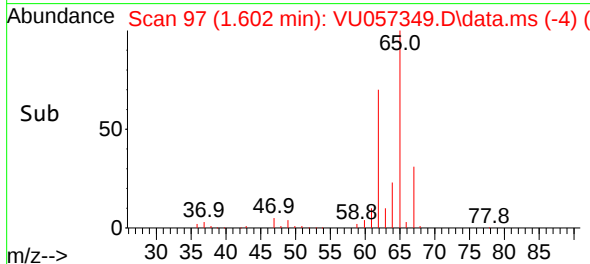
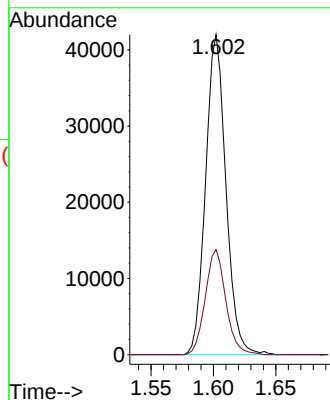


#5
 Vinyl chloride
 Concen: 2.499 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057349.D
 Acq: 28 Dec 2023 21:35

Instrument :
 MSVOA_U
 ClientSampleId :

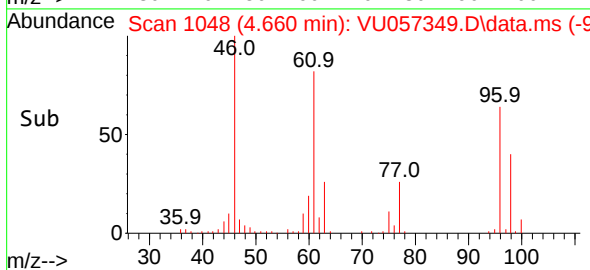
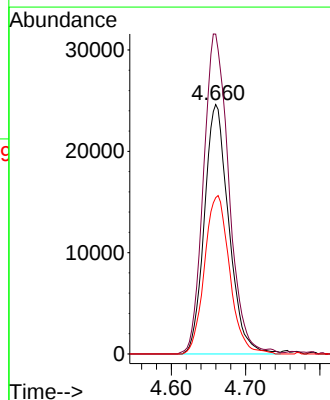
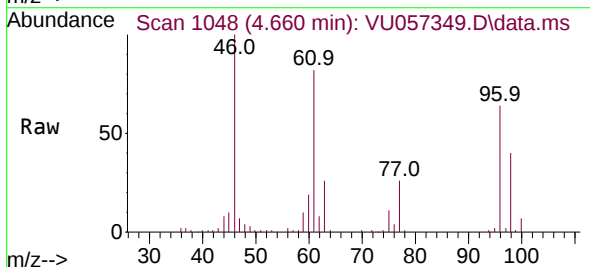


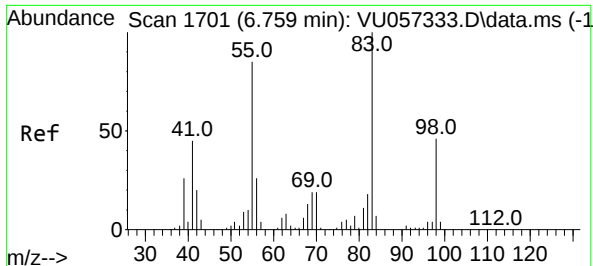
Tgt Ion: 62 Resp: 47583
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.8 42.4



#22
 cis-1,2-Dichloroethene
 Concen: 3.289 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057349.D
 Acq: 28 Dec 2023 21:35

Tgt Ion: 96 Resp: 56247
 Ion Ratio Lower Upper
 96 100
 61 128.2 91.1 169.3
 98 62.7 42.6 79.0

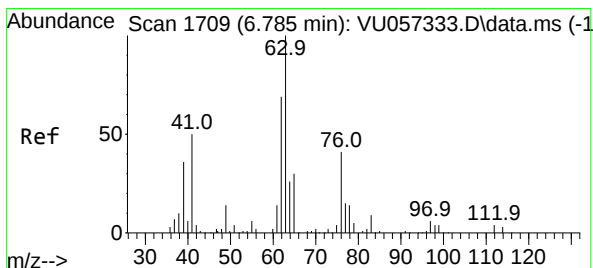
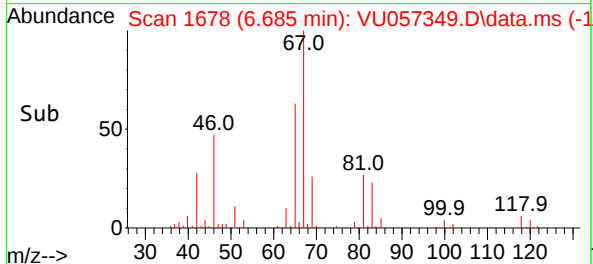
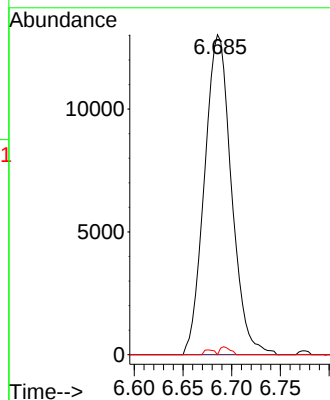
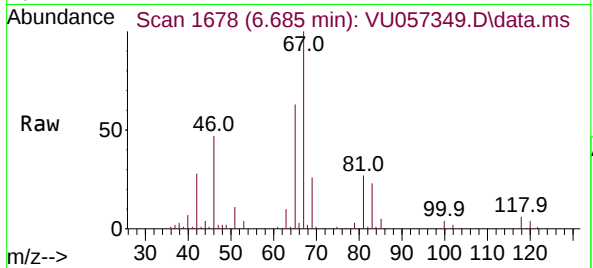




#35
Methylcyclohexane
Concen: 1.066 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057349.D
Acq: 28 Dec 2023 21:35

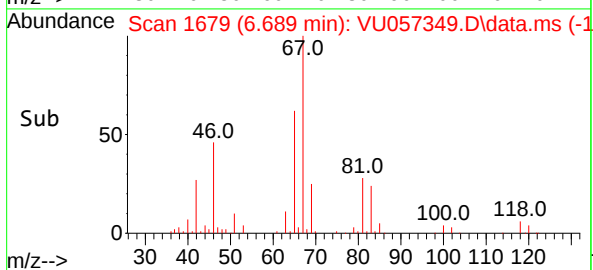
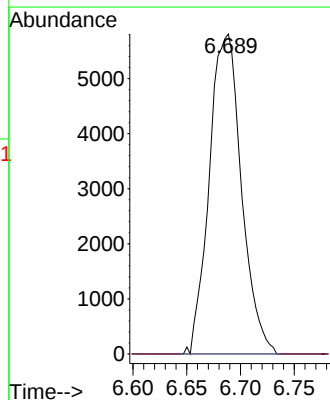
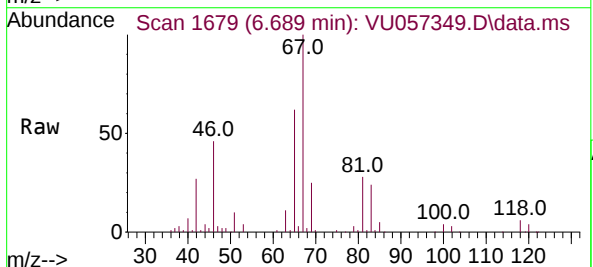
Instrument :
MSVOA_U
ClientSampleId :

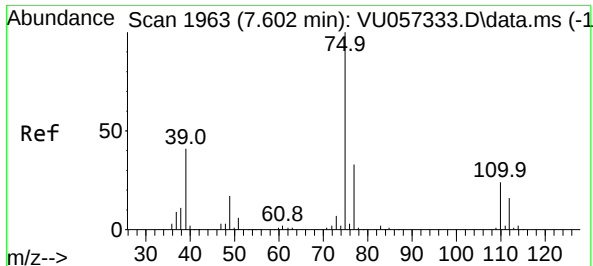
Tgt Ion: 83 Resp: 25087
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.2#
98 0.9 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU057349.D
Acq: 28 Dec 2023 21:35

Tgt Ion: 63 Resp: 12103
Ion Ratio Lower Upper
63 100
112 0.3 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU057349.D

Acq: 28 Dec 2023 21:35

Instrument :

MSVOA_U

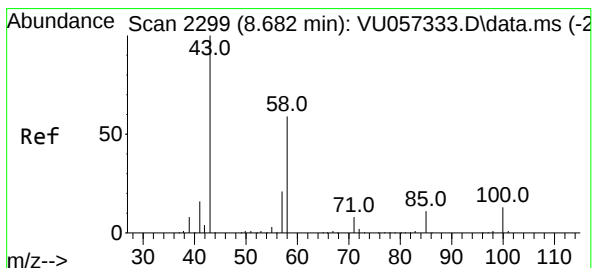
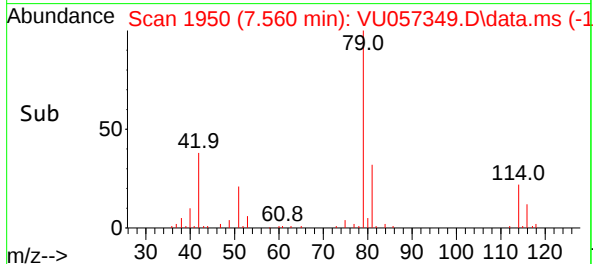
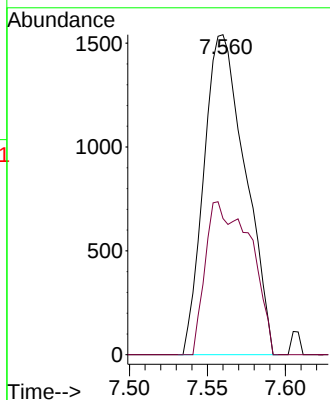
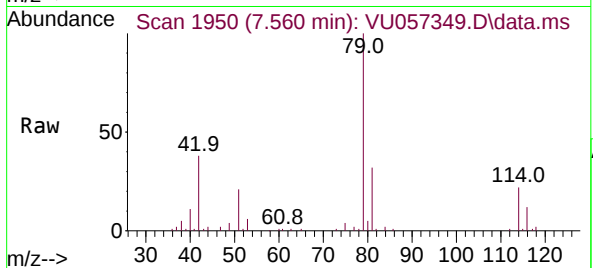
ClientSampleId :

Tgt Ion: 75 Resp: 2854

Ion Ratio Lower Upper

75 100

77 42.6 23.0 42.8



#48

2-Hexanone

Concen: 0.665 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU057349.D

Acq: 28 Dec 2023 21:35

Tgt Ion: 43 Resp: 4704

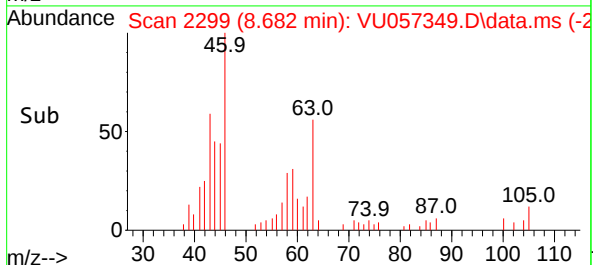
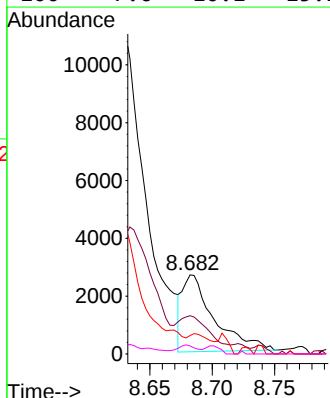
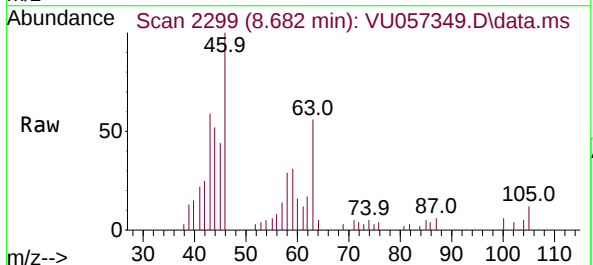
Ion Ratio Lower Upper

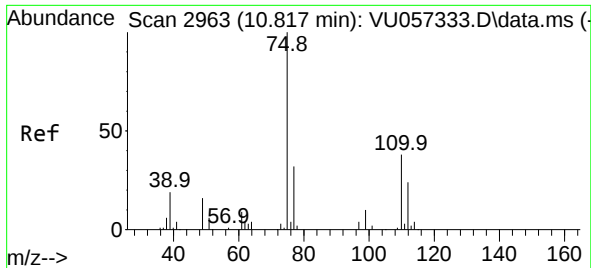
43 100

58 35.2 48.4 72.6#

57 16.7 17.4 26.2#

100 7.6 10.1 15.1#





#61

1,2,3-Trichloropropane

Concen: 1.140 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

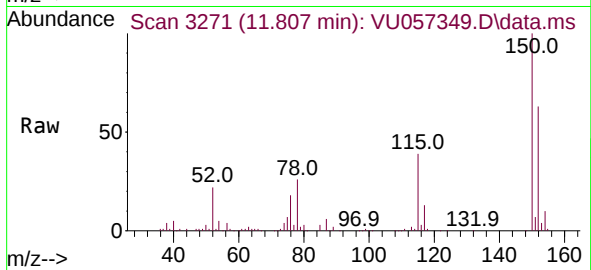
Lab File: VU057349.D

Acq: 28 Dec 2023 21:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 10588

Ion Ratio Lower Upper

75 100

110 2.1 29.0 43.6#

77 35.9 25.4 38.2

