

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055584.D
 Acq On : 28 Sep 2023 17:37
 Operator : MD/SY
 Sample : 04579-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 29 02:14:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

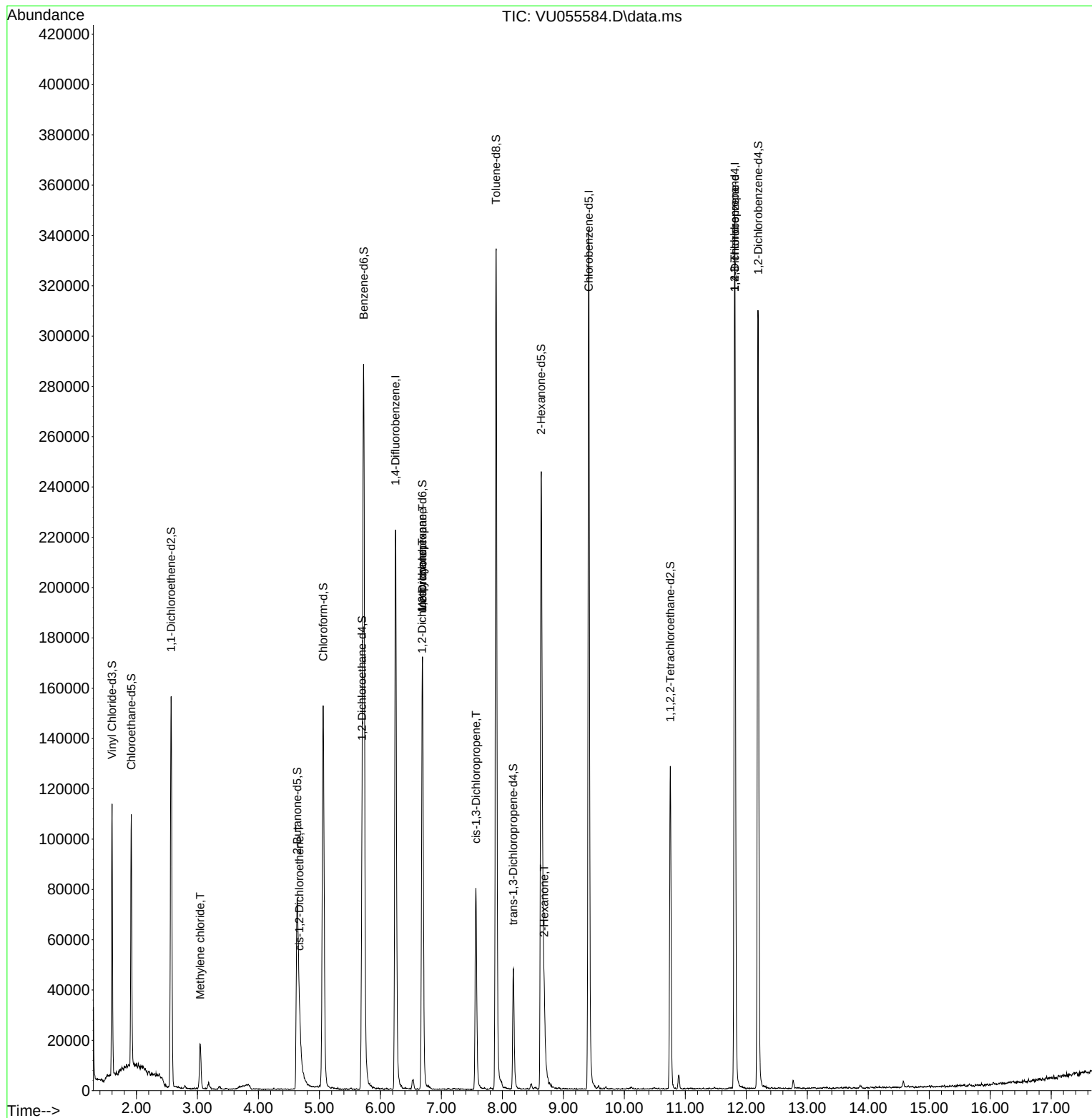
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188046	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197164	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	96006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73894	3.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.914	69	68916	4.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.567	65	30142	3.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.634	46	148568	43.278	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.560%
24) Chloroform-d	5.062	84	145326	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.698	65	70122	4.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.724	84	283822	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.689	67	86545	4.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.898	98	233880	3.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.177	79	28751	3.976	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.634	63	84030	38.205	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	64785	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	85212	4.398	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	9136	0.580	ug/L	99
22) cis-1,2-Dichloroethene	4.669	96	1943	0.126	ug/L	96
35) Methylcyclohexane	6.689	83	20312	0.878	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	9203	0.620	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	2441	0.123	ug/L #	80
48) 2-Hexanone	8.685	43	14677	2.813	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	12125	1.618	ug/L #	67

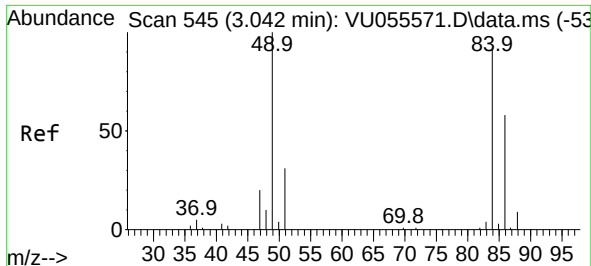
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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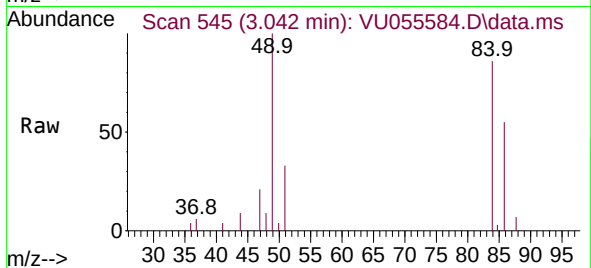
Quant Time: Sep 29 02:14:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
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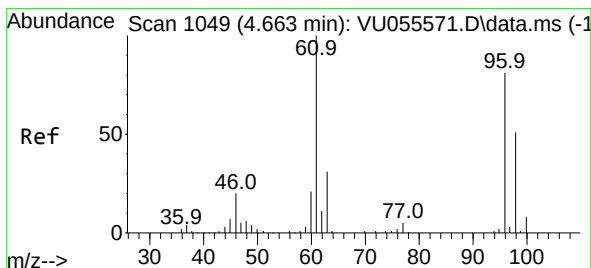
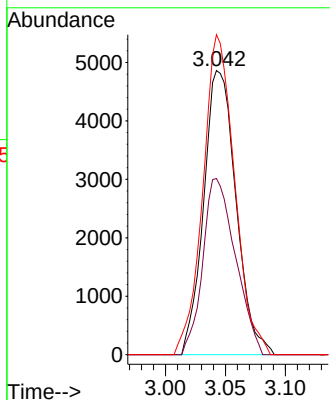
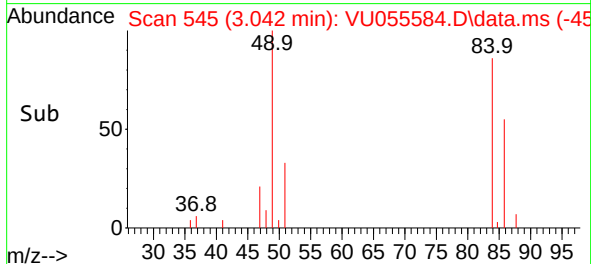


#16
Methylene chloride
Concen: 0.580 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU055584.D
Acq: 28 Sep 2023 17:37

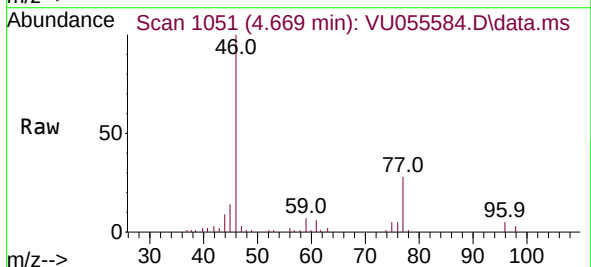
Instrument :
MSVOA_U
ClientSampleId :



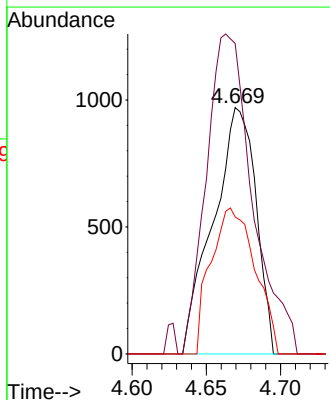
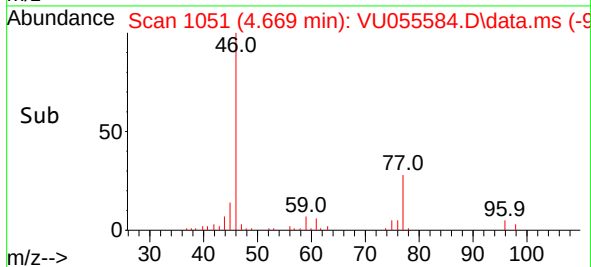
Tgt Ion: 84 Resp: 9136
Ion Ratio Lower Upper
84 100
86 62.0 44.9 83.3
49 112.6 78.8 146.3

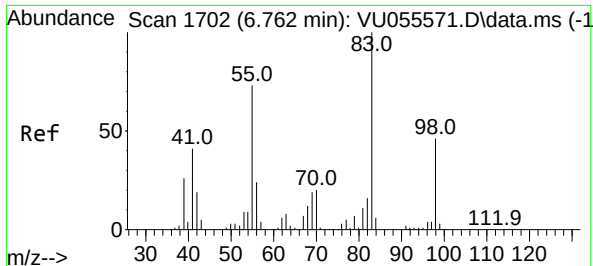


#22
cis-1,2-Dichloroethene
Concen: 0.126 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU055584.D
Acq: 28 Sep 2023 17:37



Tgt Ion: 96 Resp: 1943
Ion Ratio Lower Upper
96 100
61 126.1 87.8 163.2
98 55.6 44.4 82.4





#35

Methylcyclohexane

Concen: 0.878 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055584.D

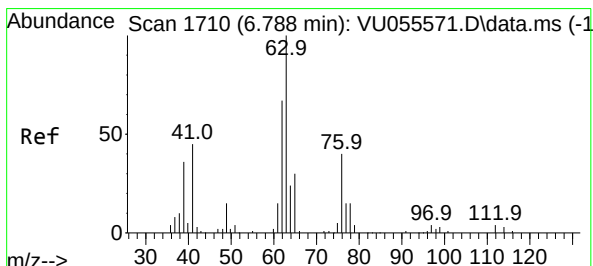
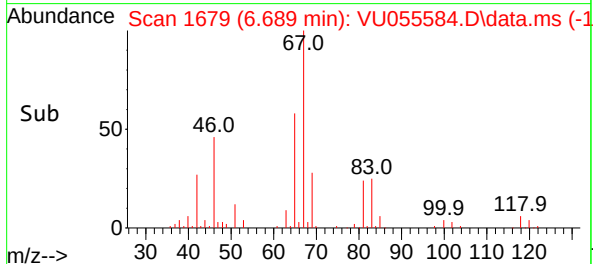
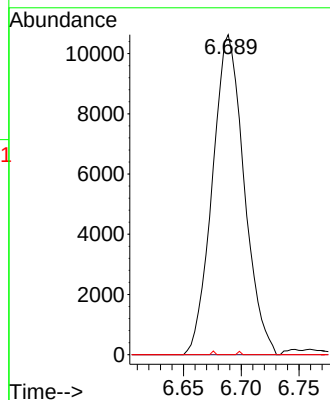
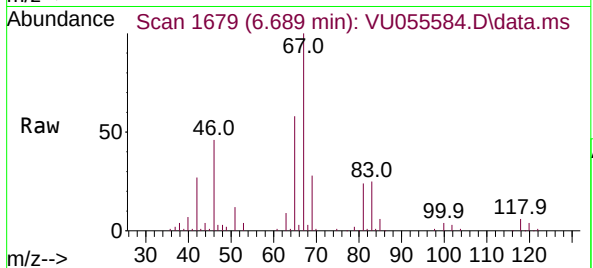
Acq: 28 Sep 2023 17:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 20312
Ion Ratio	Lower Upper
83	100
55	0.0 59.1 88.7#
98	0.1 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.620 ug/L

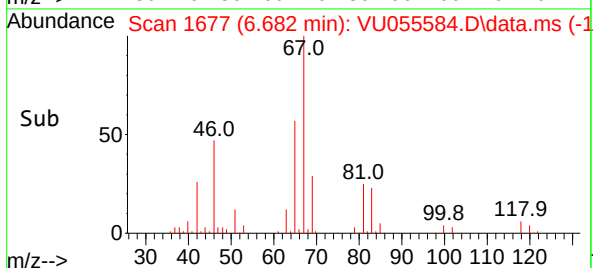
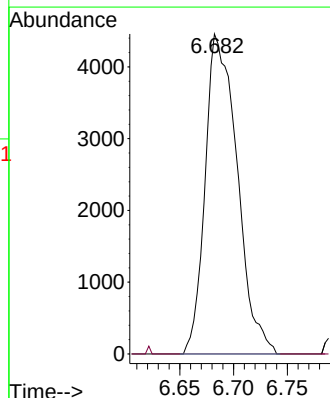
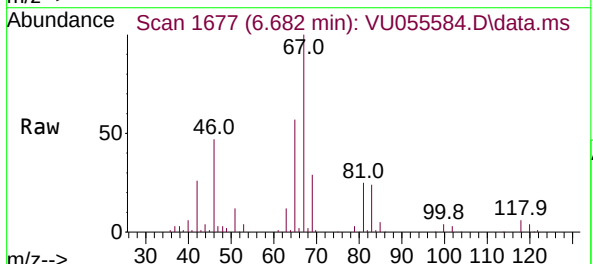
RT: 6.682 min Scan# 1677

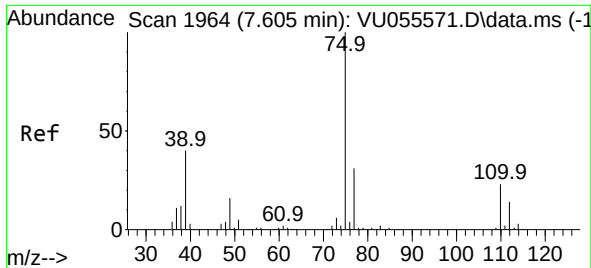
Delta R.T. -0.106 min

Lab File: VU055584.D

Acq: 28 Sep 2023 17:37

Tgt Ion: 63	Resp: 9203
Ion Ratio	Lower Upper
63	100
112	0.2 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 7.566 min Scan# 1964

Delta R.T. -0.039 min

Lab File: VU055584.D

Acq: 28 Sep 2023 17:37

Instrument :

MSVOA_U

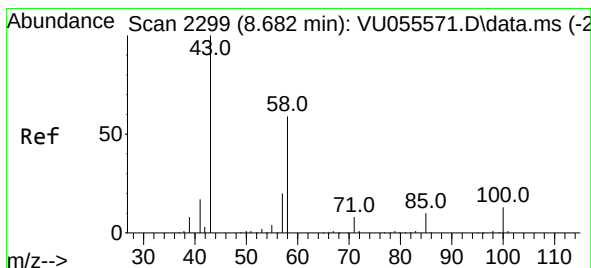
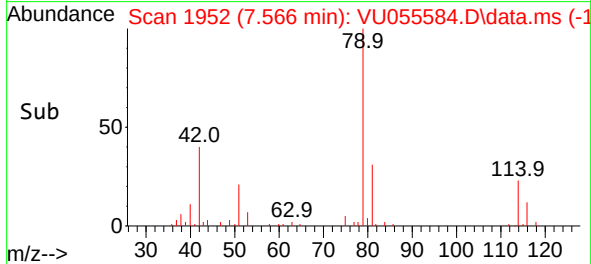
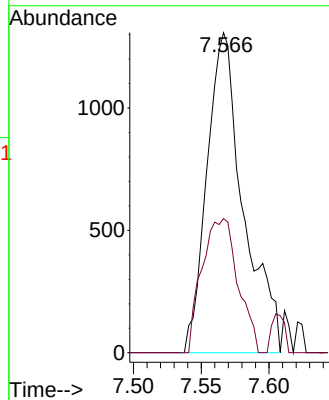
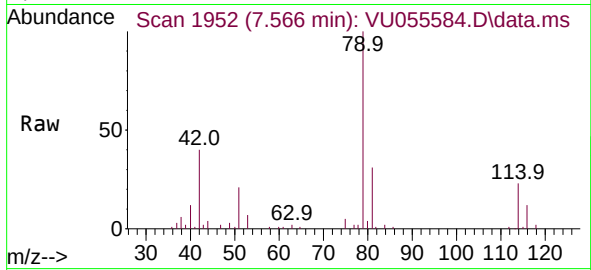
ClientSampleId :

Tgt Ion: 75 Resp: 2441

Ion Ratio Lower Upper

75 100

77 41.9 21.6 40.2#



#48

2-Hexanone

Concen: 2.813 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055584.D

Acq: 28 Sep 2023 17:37

Tgt Ion: 43 Resp: 14677

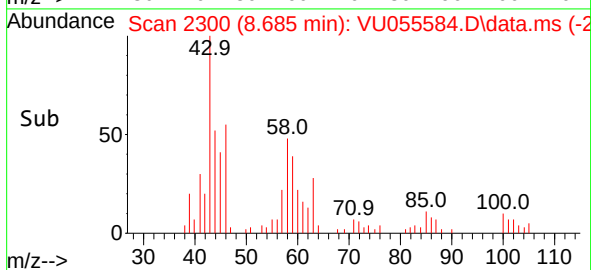
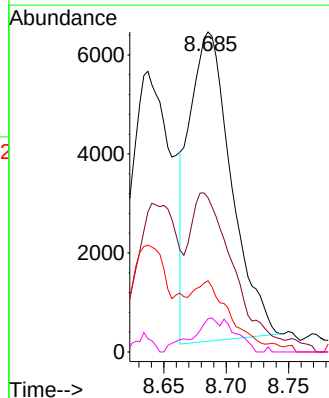
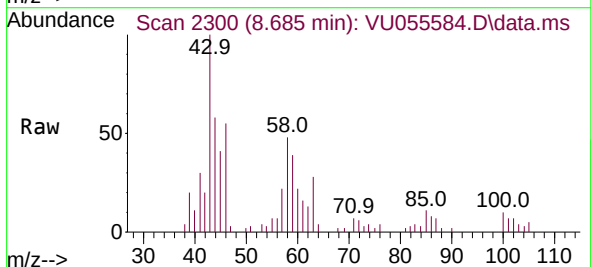
Ion Ratio Lower Upper

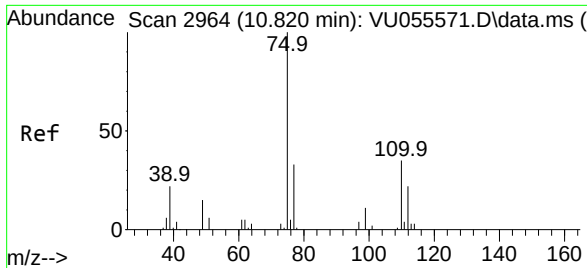
43 100

58 47.3 48.5 72.7#

57 21.4 17.0 25.4

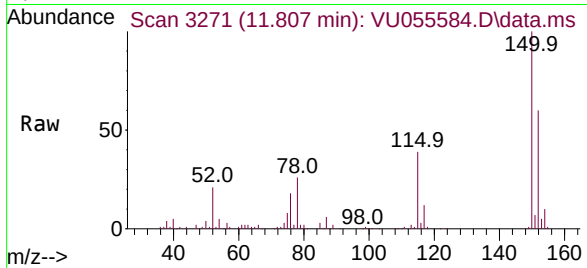
100 10.9 10.3 15.5





#61
 1,2,3-Trichloropropane
 Concen: 1.618 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055584.D
 Acq: 28 Sep 2023 17:37

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.1	30.6	45.8#
77	31.7	26.7	40.1

