

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055028.D
 Acq On : 31 Aug 2023 18:03
 Operator : MD/SY
 Sample : 04230-03DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 05:02:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 04:57:47 2023
 Response via : Initial Calibration

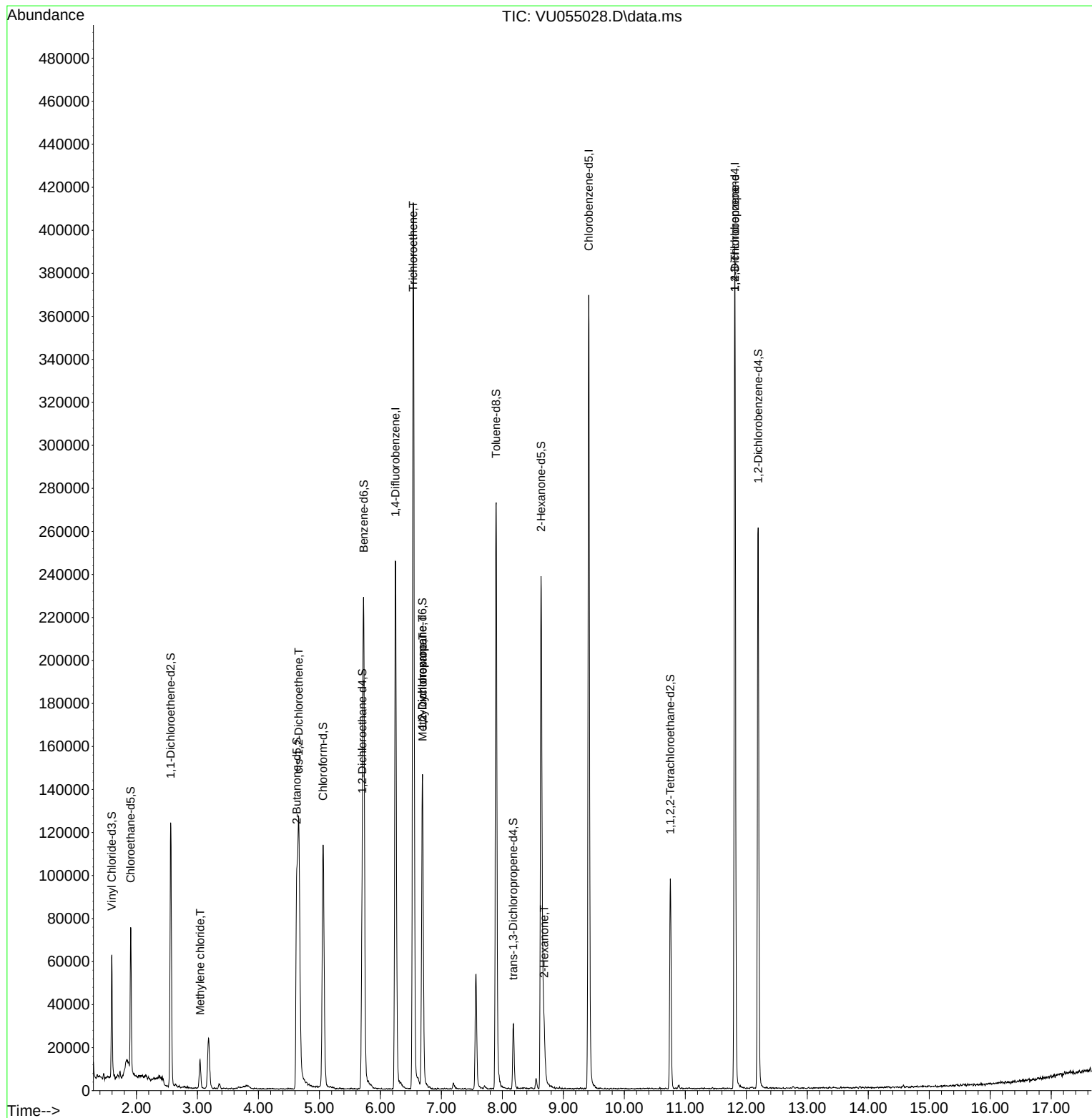
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	193034	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	99141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41176	6.759	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	135.200%	#
7) Chloroethane-d5	1.904	69	47243	6.002	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	120.000%	
11) 1,1-Dichloroethene-d2	2.560	65	23392	6.793	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	135.800%	#
20) 2-Butanone-d5	4.628	46	125040	38.021	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.040%	
24) Chloroform-d	5.059	84	105848	4.683	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.702	65	54082	4.497	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
32) Benzene-d6	5.724	84	213088	4.770	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.689	67	68386	4.353	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.898	98	187666	4.387	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	8.177	79	17628	3.409	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.200%	
46) 2-Hexanone-d5	8.634	63	78367	31.933	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	63.860%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	48323	3.587	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	71.800%	
66) 1,2-Dichlorobenzene-d4	12.193	152	64244	4.059	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	81.200%	
Target Compounds						Qvalue
16) Methylene chloride	3.043	84	4926	0.368	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	48421	4.264	ug/L	95
34) Trichloroethene	6.538	95	138875	10.689	ug/L	96
35) Methylcyclohexane	6.692	83	14731	0.766	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	7535	0.577	ug/L #	90
48) 2-Hexanone	8.685	43	14555	2.697	ug/L #	76
61) 1,2,3-Trichloropropane	11.811	75	13650	1.849	ug/L #	67

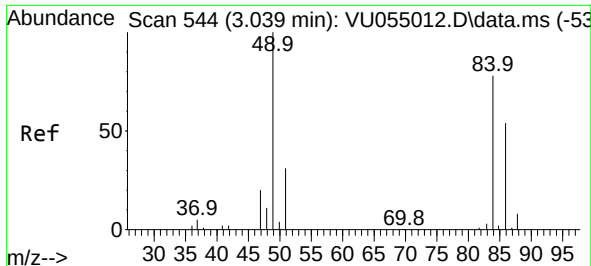
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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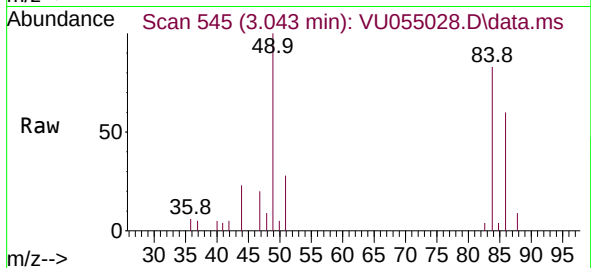
Quant Time: Sep 01 05:02:47 2023
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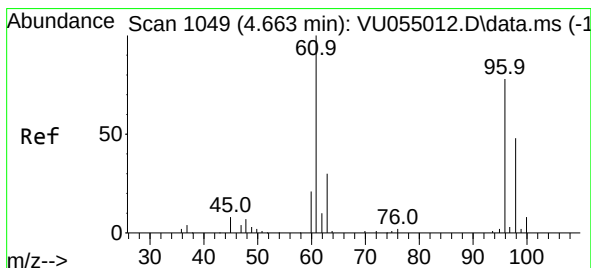
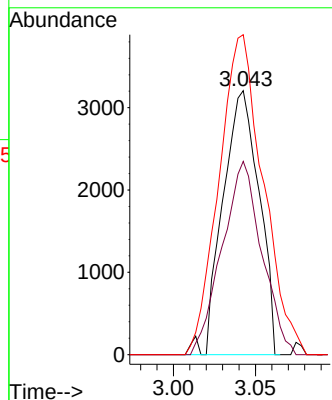
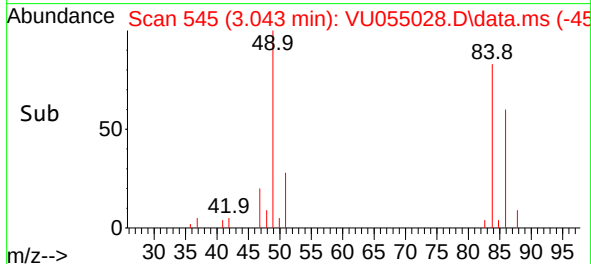


#16
Methylene chloride
Concen: 0.368 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055028.D
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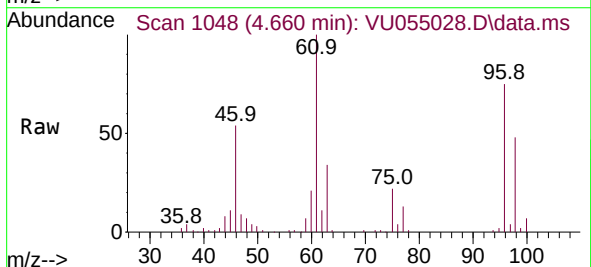
Instrument :
MSVOA_U
ClientSampleId :



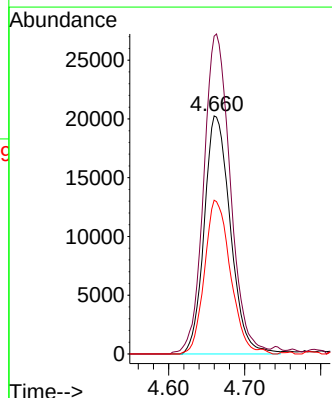
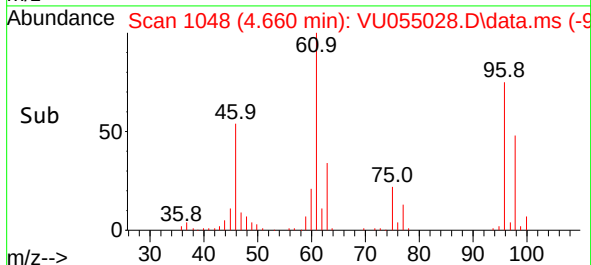
Tgt Ion: 84 Resp: 4926
Ion Ratio Lower Upper
84 100
86 73.2 45.1 83.7
49 121.2 89.5 166.3

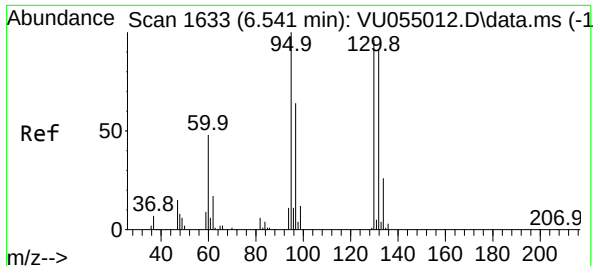


#22
cis-1,2-Dichloroethene
Concen: 4.264 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055028.D
Acq: 31 Aug 2023 18:03



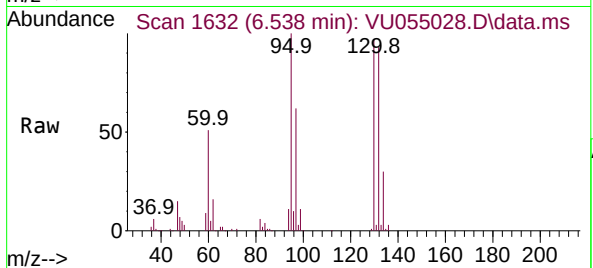
Tgt Ion: 96 Resp: 48421
Ion Ratio Lower Upper
96 100
61 133.5 88.4 164.2
98 64.6 44.0 81.6



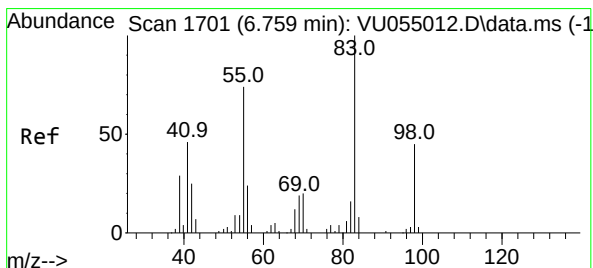
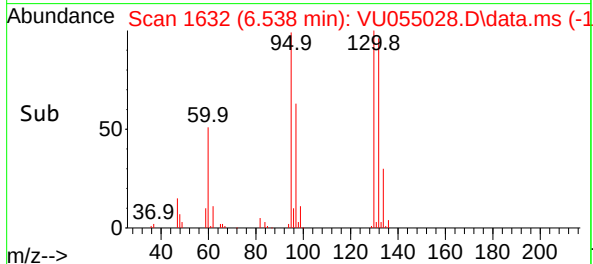
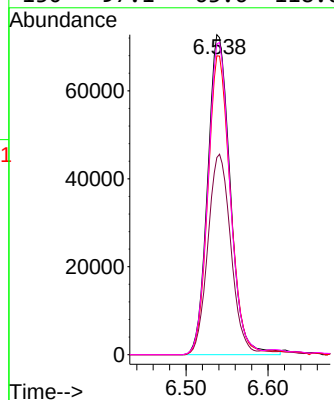


#34
Trichloroethene
Concen: 10.689 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055028.D
Acq: 31 Aug 2023 18:03

Instrument :
MSVOA_U
ClientSampleId :

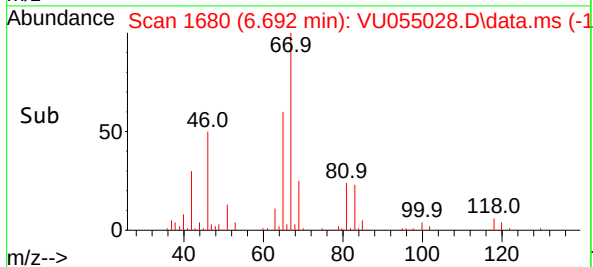
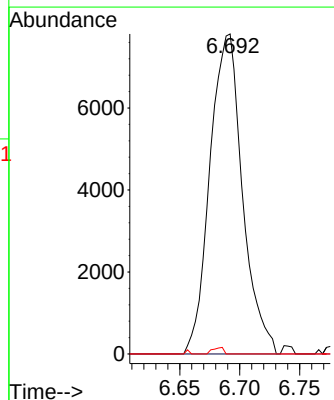
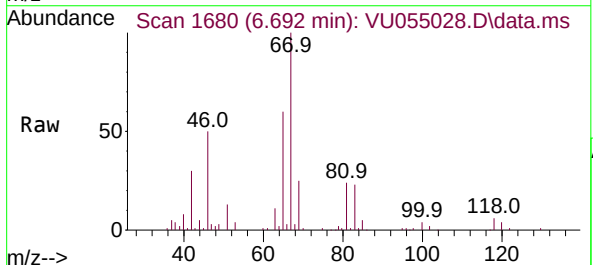


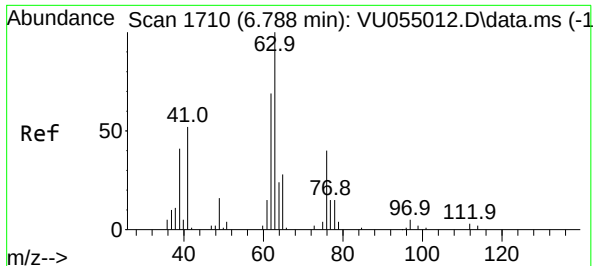
Tgt Ion: 95 Resp: 138875
Ion Ratio Lower Upper
95 100
97 61.6 44.1 81.9
132 93.4 63.6 118.2
130 97.1 63.6 118.0



#35
Methylcyclohexane
Concen: 0.766 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.067 min
Lab File: VU055028.D
Acq: 31 Aug 2023 18:03

Tgt Ion: 83 Resp: 14731
Ion Ratio Lower Upper
83 100
55 0.1 62.1 93.1#
98 0.0 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.577 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU055028.D

Acq: 31 Aug 2023 18:03

Instrument :

MSVOA_U

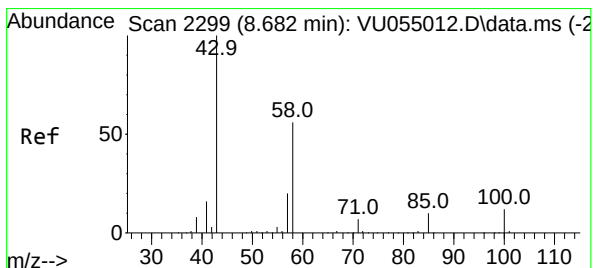
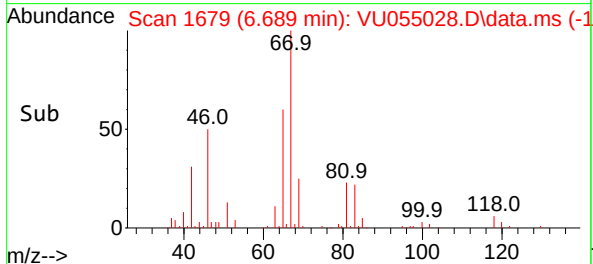
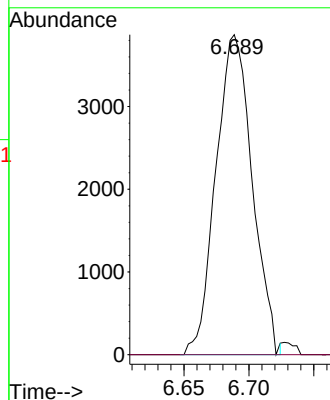
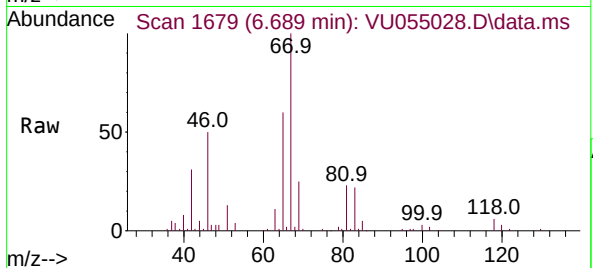
ClientSampleId :

Tgt Ion: 63 Resp: 7535

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#48

2-Hexanone

Concen: 2.697 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055028.D

Acq: 31 Aug 2023 18:03

Tgt Ion: 43 Resp: 14555

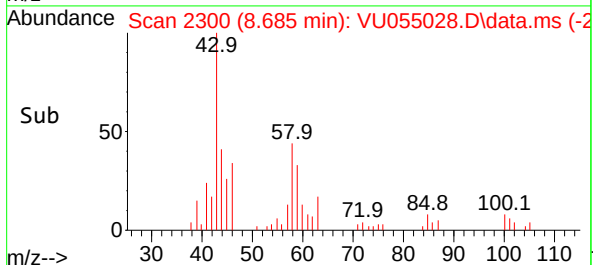
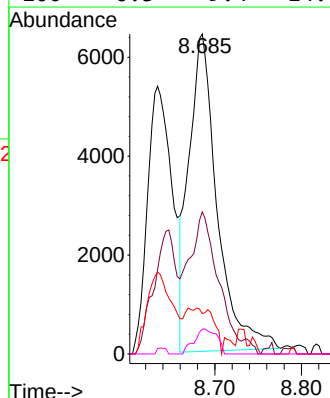
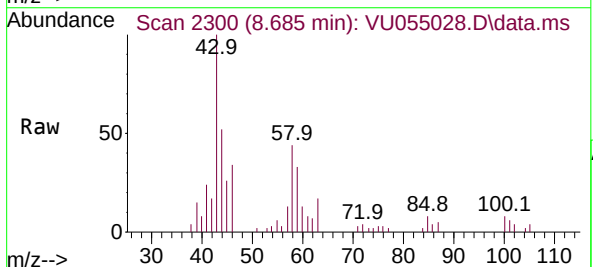
Ion Ratio Lower Upper

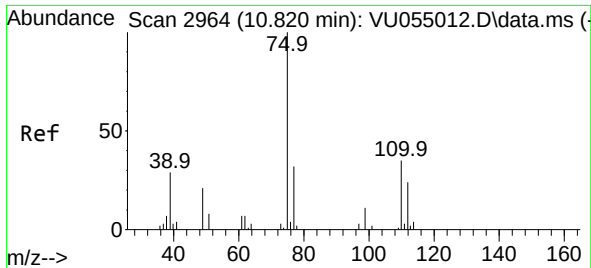
43 100

58 41.0 44.0 66.0#

57 0.9 15.9 23.9#

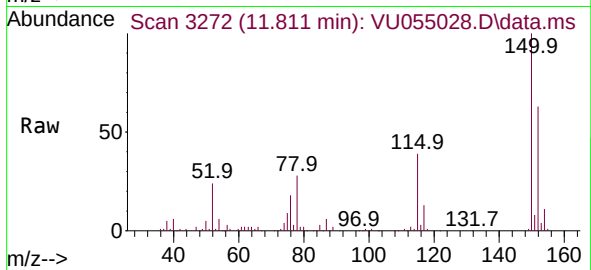
100 6.3 9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.849 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU055028.D
 Acq: 31 Aug 2023 18:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13650
 Ion Ratio Lower Upper
 75 100
 110 1.0 29.0 43.6#
 77 35.2 26.5 39.7

