

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
 Data File : VU055375.D
 Acq On : 18 Sep 2023 16:49
 Operator : MD/SY
 Sample : 04350-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 01:16:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 19 01:12:51 2023
 Response via : Initial Calibration

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

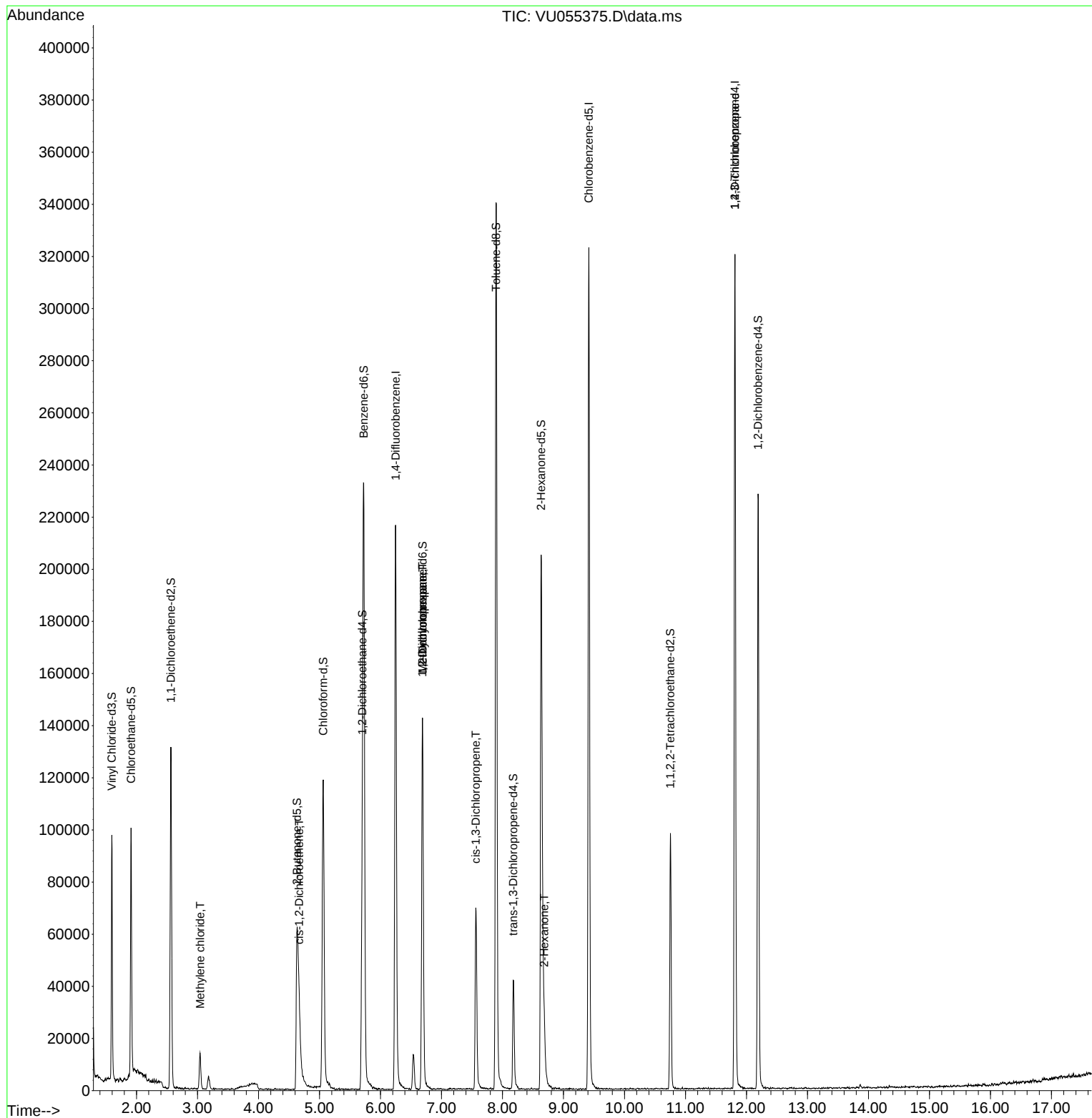
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	172241	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174378	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	79863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	64488	6.514	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 130.200%#		
7) Chloroethane-d5	1.911	69	64959	5.813	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.200%		
11) 1,1-Dichloroethene-d2	2.563	65	25478	7.115	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 142.400%#		
20) 2-Butanone-d5	4.631	46	113794	41.567	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 83.140%		
24) Chloroform-d	5.062	84	110021	4.976	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.600%		
26) 1,2-Dichloroethane-d4	5.701	65	58475	5.241	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.800%		
32) Benzene-d6	5.724	84	219265	5.999	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 120.000%		
36) 1,2-Dichloropropane-d6	6.689	67	67613	5.429	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.600%		
41) Toluene-d8	7.894	98	237912	7.549	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 151.000%#		
43) trans-1,3-Dichloroprop...	8.177	79	25561	5.784	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 115.600%		
46) 2-Hexanone-d5	8.634	63	63270	39.349	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 78.700%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	48553	4.483	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 89.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	56691	5.512	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.200%		
Target Compounds						
						Qvalue
16) Methylene chloride	3.042	84	6299	0.349	ug/L	86
22) cis-1,2-Dichloroethene	4.666	96	4751	0.305	ug/L	92
35) Methylcyclohexane	6.689	83	15811	0.662	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	7949	0.524	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	2359	0.115	ug/L #	79
48) 2-Hexanone	8.685	43	14154	2.611	ug/L #	70
61) 1,2,3-Trichloropropane	11.810	75	10847	1.402	ug/L #	64

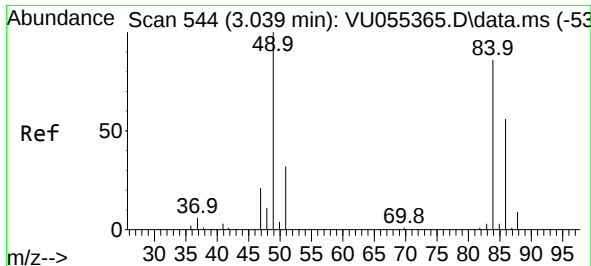
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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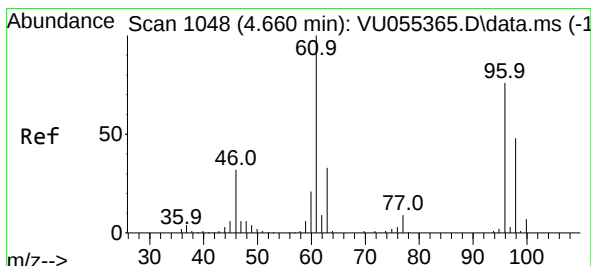
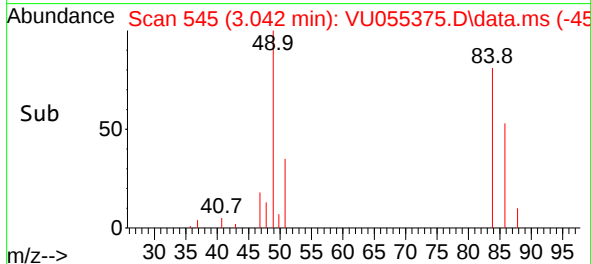
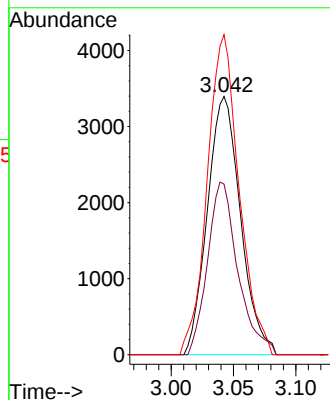
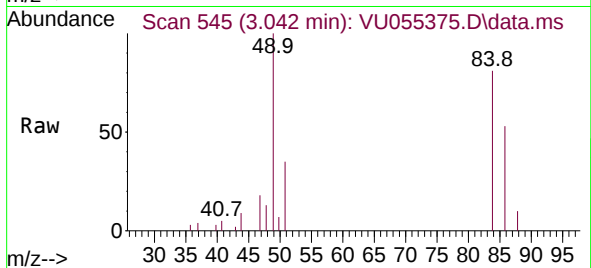




#16
Methylene chloride
Concen: 0.349 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055375.D
Acq: 18 Sep 2023 16:49

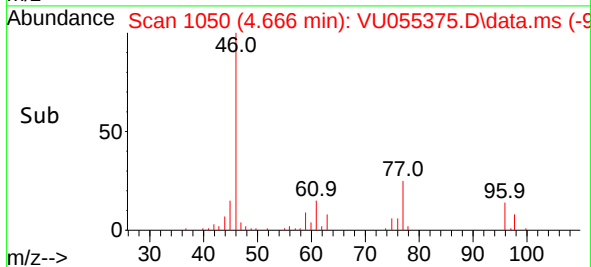
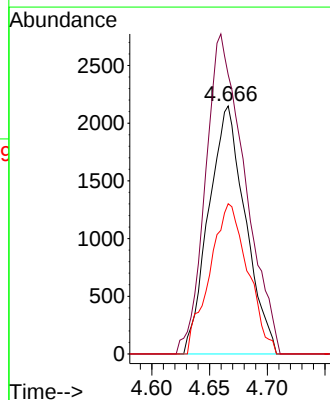
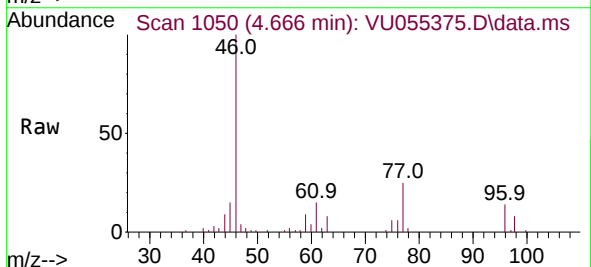
Instrument :
MSVOA_U
ClientSampleId :

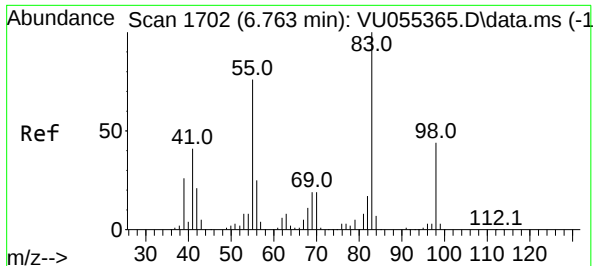
Tgt Ion: 84 Resp: 6299
Ion Ratio Lower Upper
84 100
86 66.1 42.4 78.8
49 133.0 79.9 148.3



#22
cis-1,2-Dichloroethene
Concen: 0.305 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU055375.D
Acq: 18 Sep 2023 16:49

Tgt Ion: 96 Resp: 4751
Ion Ratio Lower Upper
96 100
61 112.6 88.1 163.7
98 60.6 43.5 80.7

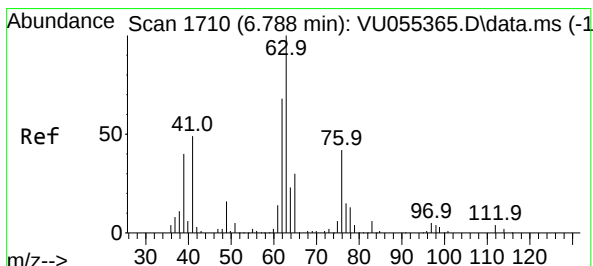
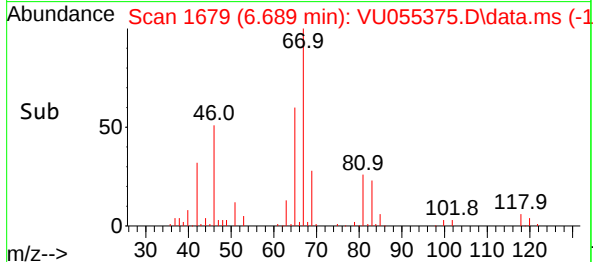
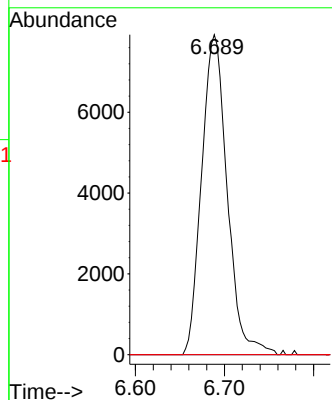
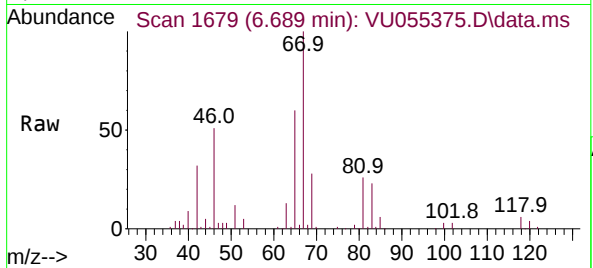




#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055375.D
Acq: 18 Sep 2023 16:49

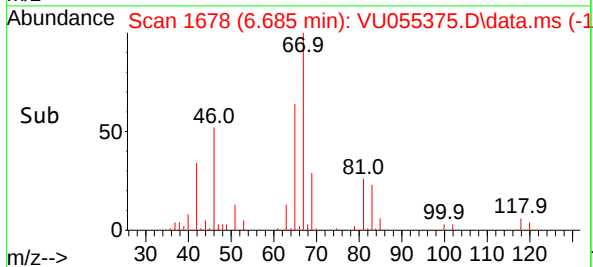
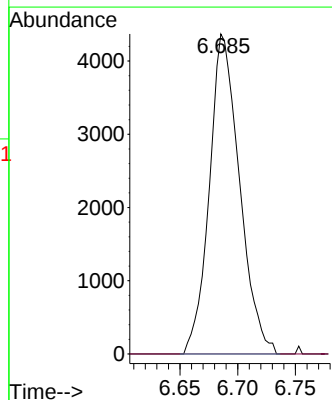
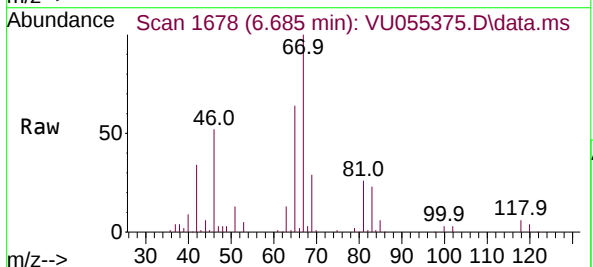
Instrument :
MSVOA_U
ClientSampleId :

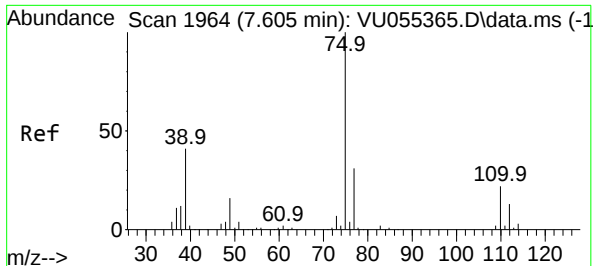
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.7	88.1#
98	0.7	36.3	54.5#



#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055375.D
Acq: 18 Sep 2023 16:49

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU055375.D

Acq: 18 Sep 2023 16:49

Instrument :

MSVOA_U

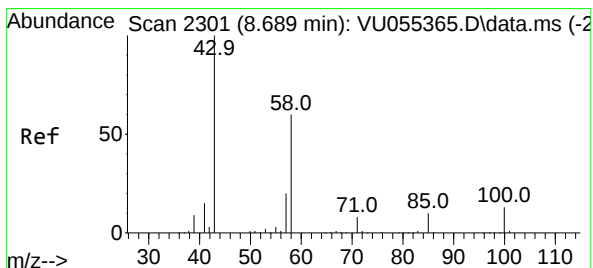
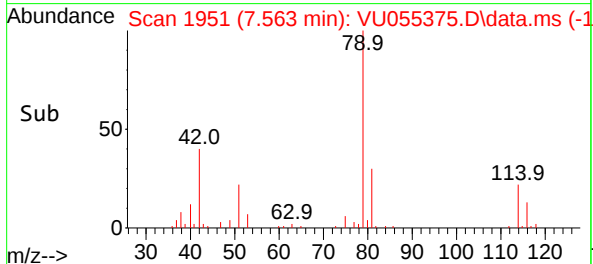
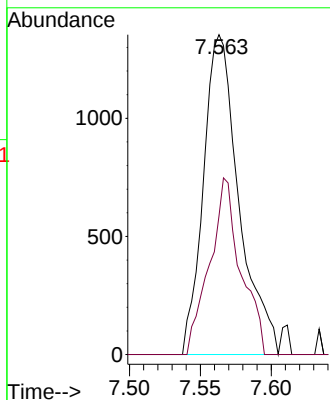
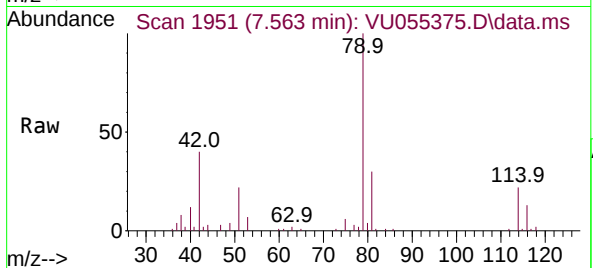
ClientSampleId :

Tgt Ion: 75 Resp: 2359

Ion Ratio Lower Upper

75 100

77 43.4 22.1 41.1#



#48

2-Hexanone

Concen: 2.611 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. -0.003 min

Lab File: VU055375.D

Acq: 18 Sep 2023 16:49

Tgt Ion: 43 Resp: 14154

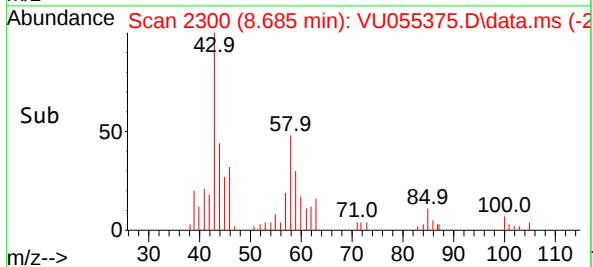
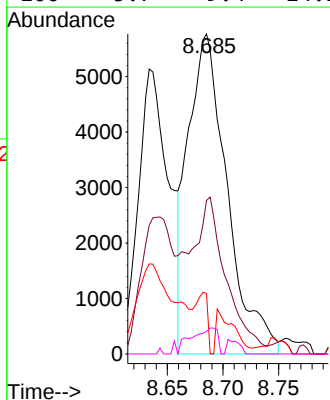
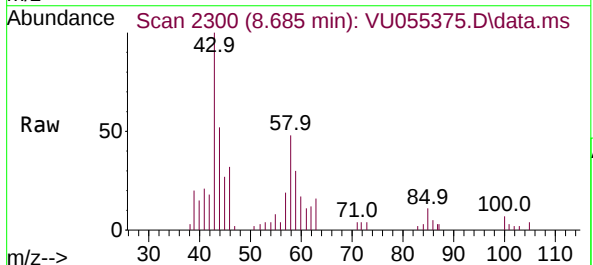
Ion Ratio Lower Upper

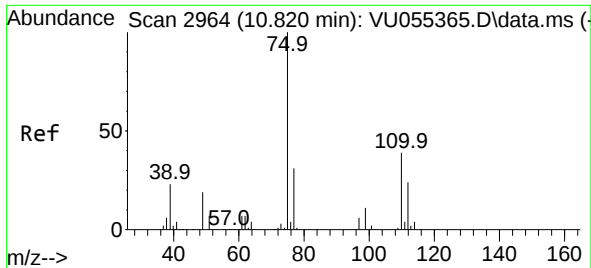
43 100

58 35.4 47.8 71.6#

57 5.6 15.4 23.2#

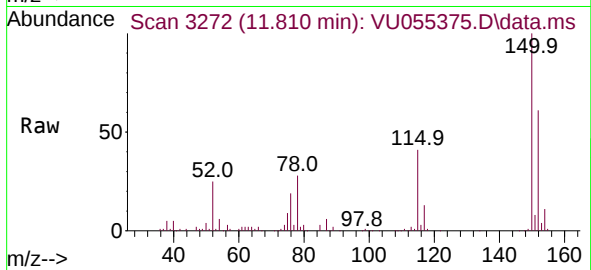
100 5.7 9.4 14.2#





#61
1,2,3-Trichloropropane
Concen: 1.402 ug/L
RT: 11.810 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055375.D
Acq: 18 Sep 2023 16:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	10847
Ion	Ratio	Lower	Upper
75	100		
110	2.0	31.4	47.2#
77	36.0	26.0	39.0

