

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055312.D
 Acq On : 14 Sep 2023 17:40
 Operator : MD/SY
 Sample : 04306-15 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 03:03:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

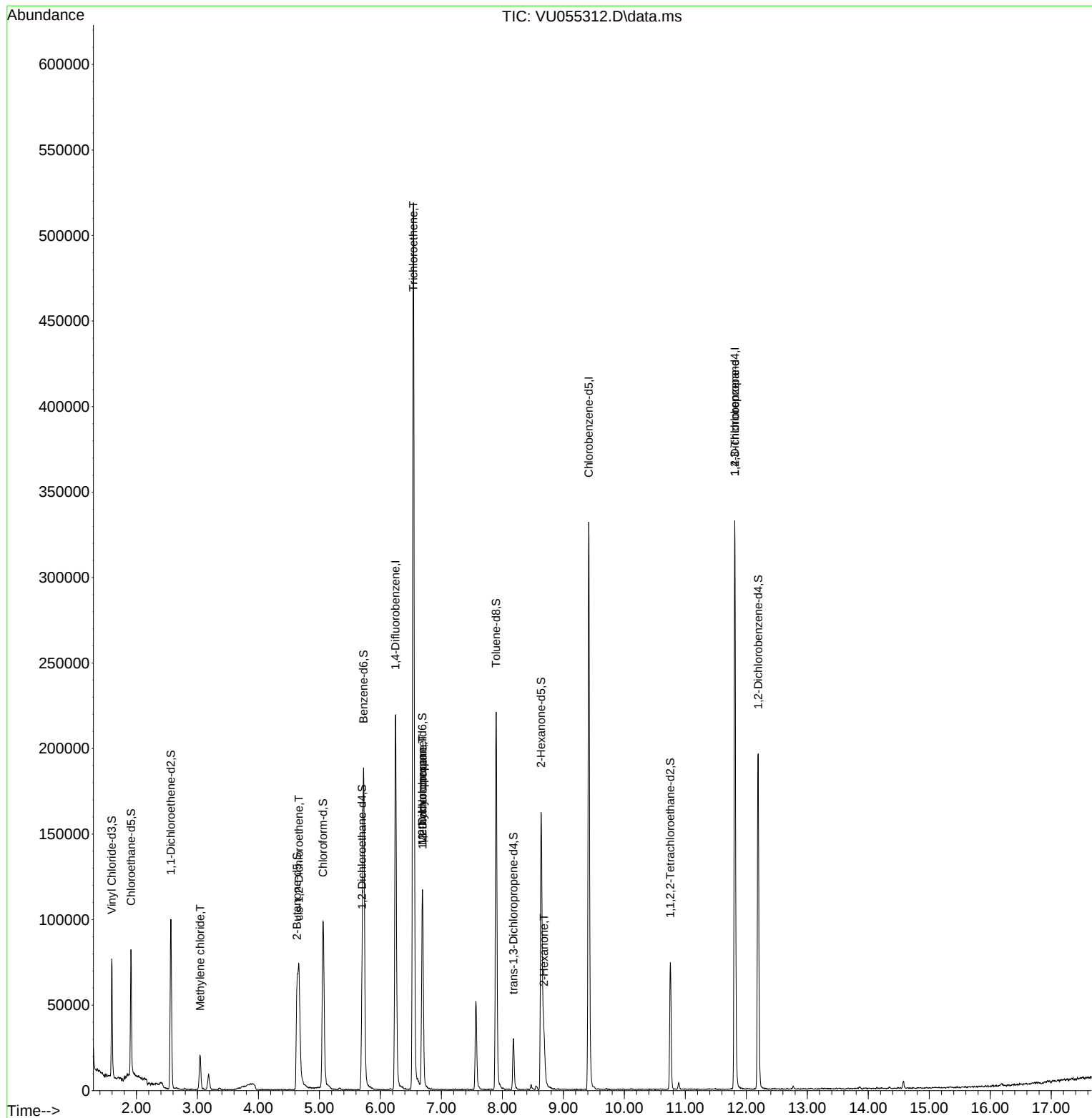
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	176521	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	182884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	85491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49191	5.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.000%
7) Chloroethane-d5	1.911	69	51541	5.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.563	65	18755	3.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.631	46	96133	40.042	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.080%
24) Chloroform-d	5.059	84	91432	4.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.698	65	47301	4.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.724	84	181111	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.689	67	55545	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.400%
41) Toluene-d8	7.898	98	154277	3.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	8.181	79	17523	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.634	63	53622	33.404	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.800%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	38453	3.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	51748	4.147	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	9805	0.786	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	24106	2.378	ug/L	93
34) Trichloroethene	6.541	95	179992	16.639	ug/L	98
35) Methylcyclohexane	6.689	83	13770	0.907	ug/L #	40
37) 1,2-Dichloropropane	6.692	63	6516	0.615	ug/L #	88
48) 2-Hexanone	8.682	43	15606	3.296	ug/L #	89
61) 1,2,3-Trichloropropane	11.811	75	11600	2.045	ug/L #	70

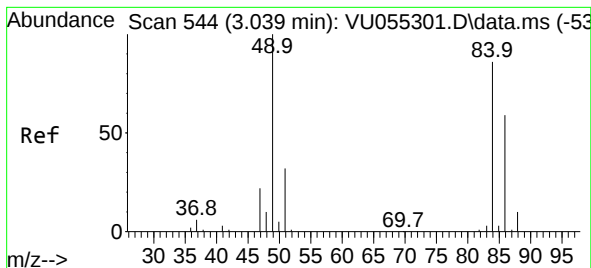
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.786 ug/L

RT: 3.043 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU055312.D

Acq: 14 Sep 2023 17:40

Instrument :

MSVOA_U

ClientSampleId :

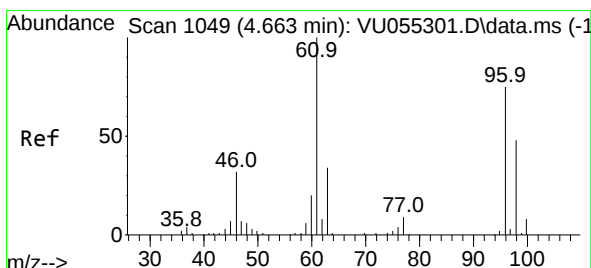
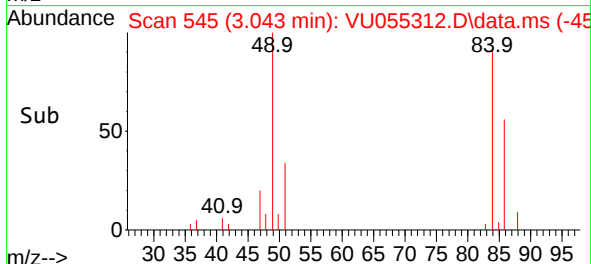
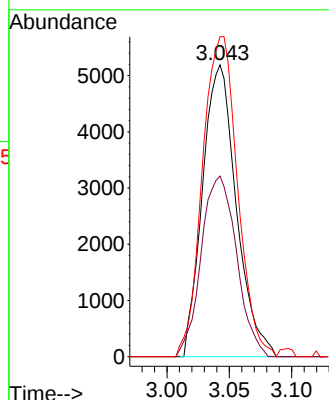
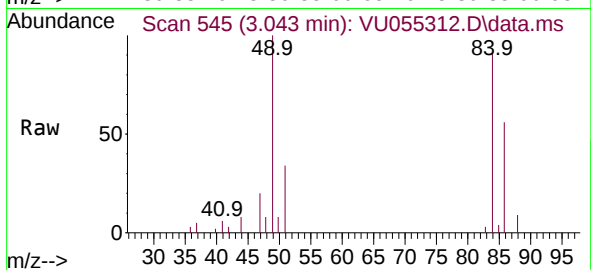
Tgt Ion: 84 Resp: 9805

Ion Ratio Lower Upper

84 100

86 61.9 43.4 80.6

49 118.2 87.7 162.9



#22

cis-1,2-Dichloroethene

Concen: 2.378 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055312.D

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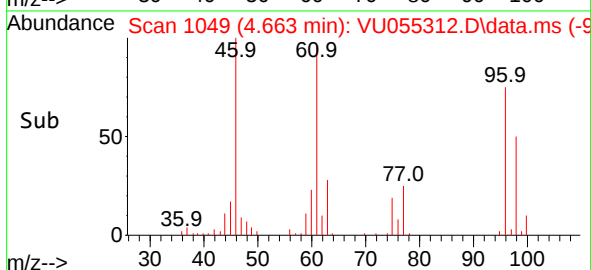
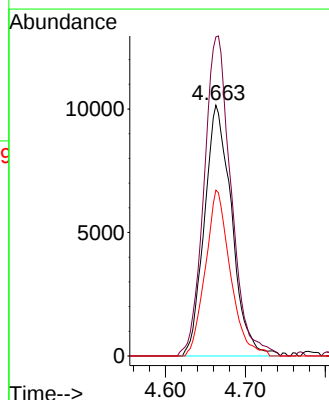
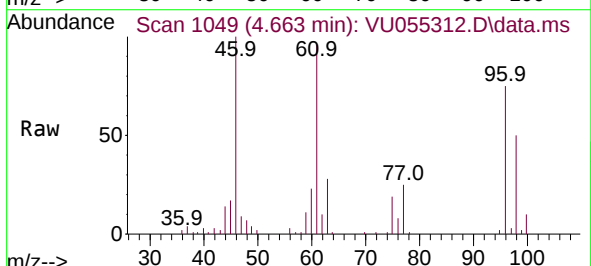
Tgt Ion: 96 Resp: 24106

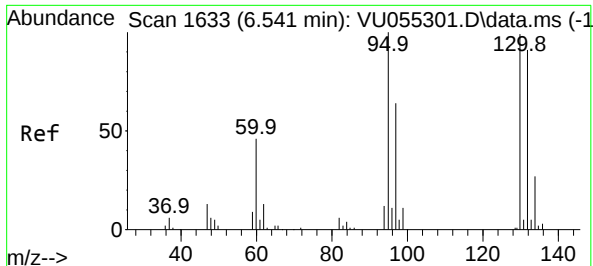
Ion Ratio Lower Upper

96 100

61 127.2 97.2 180.4

98 66.1 46.1 85.7

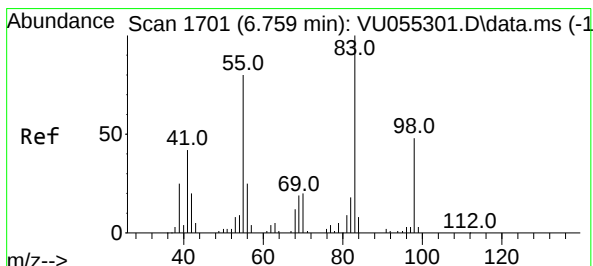
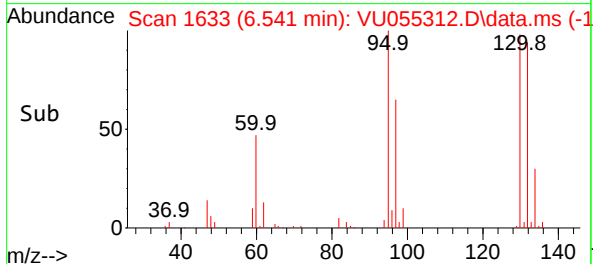
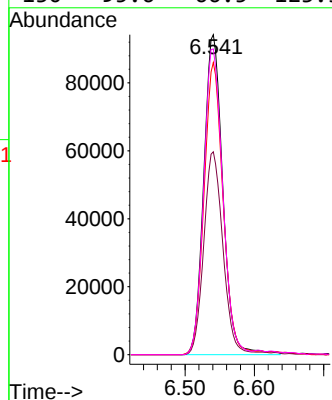
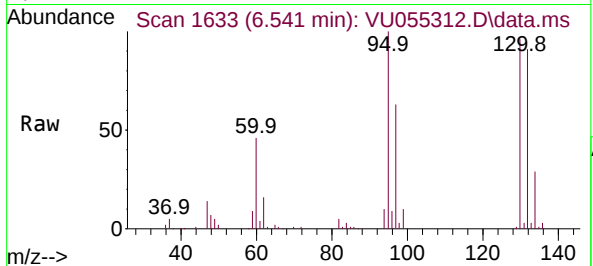




#34
Trichloroethene
Concen: 16.639 ug/L
RT: 6.541 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VU055312.D
Acq: 14 Sep 2023 17:40

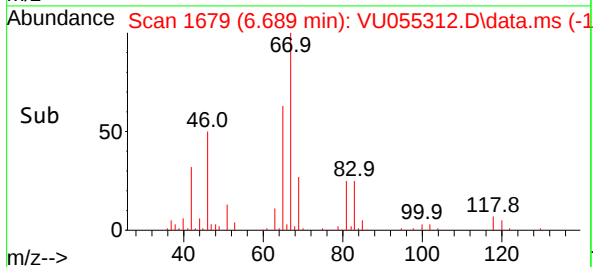
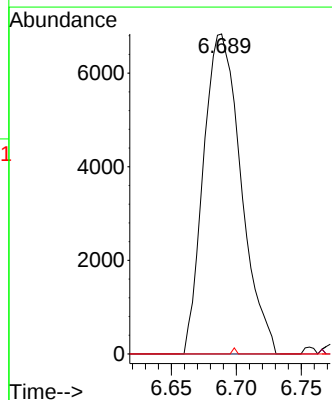
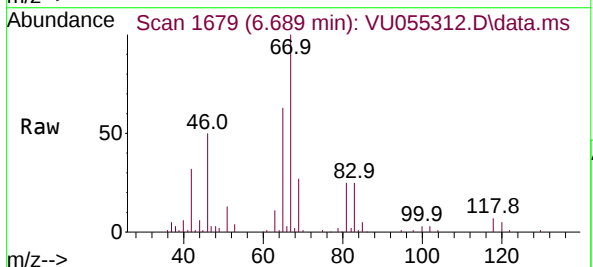
Instrument :
MSVOA_U
ClientSampleId :

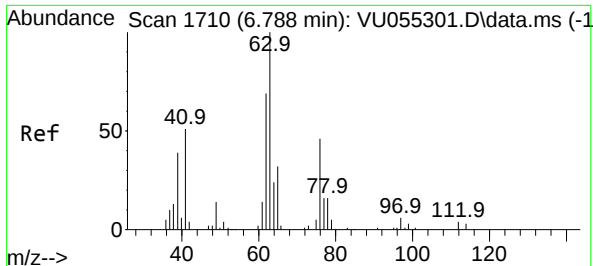
Tgt Ion: 95 Resp: 179992
Ion Ratio Lower Upper
95 100
97 63.4 44.7 83.1
132 91.3 66.6 123.6
130 95.6 66.5 123.5



#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055312.D
Acq: 14 Sep 2023 17:40

Tgt Ion: 83 Resp: 13770
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 36.6 35.3 52.9





#37

1,2-Dichloropropane

Concen: 0.615 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU055312.D

Acq: 14 Sep 2023 17:40

Instrument :

MSVOA_U

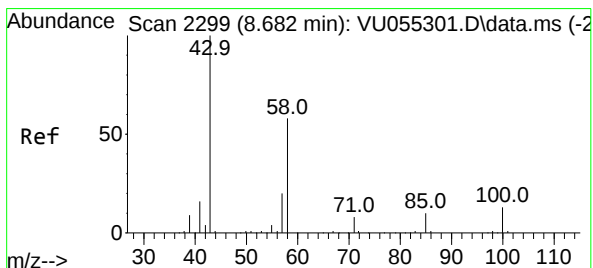
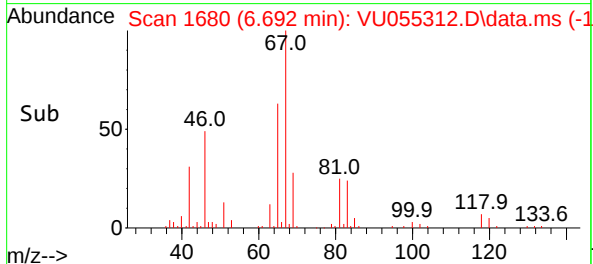
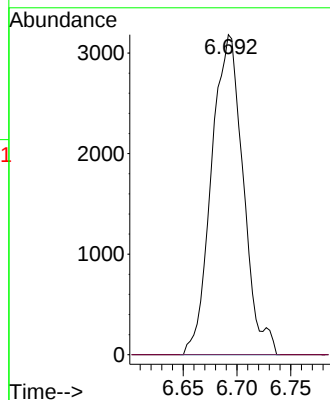
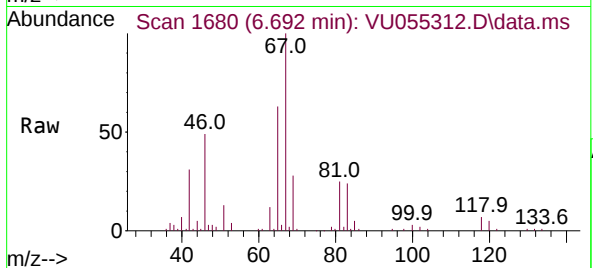
ClientSampleId :

Tgt Ion: 63 Resp: 6516

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#48

2-Hexanone

Concen: 3.296 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU055312.D

Acq: 14 Sep 2023 17:40

Tgt Ion: 43 Resp: 15606

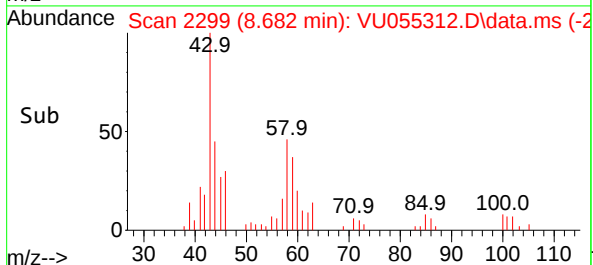
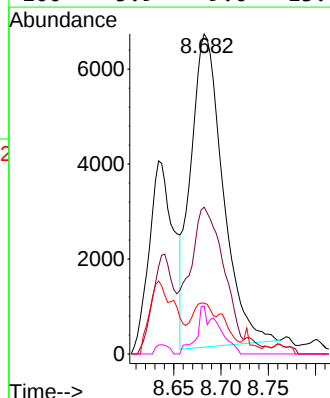
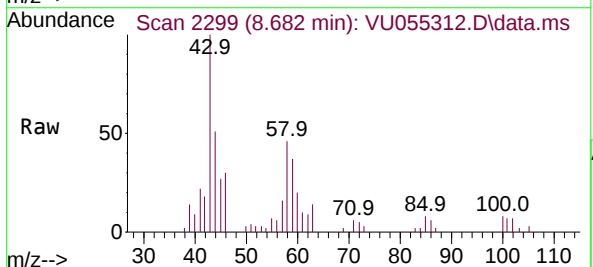
Ion Ratio Lower Upper

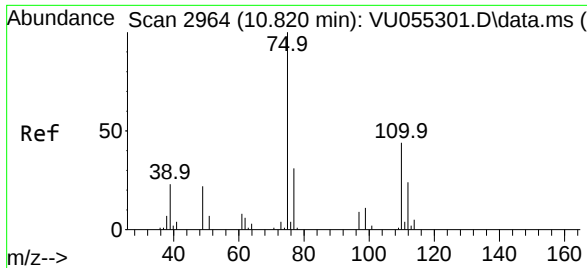
43 100

58 53.1 44.0 66.0

57 4.6 16.2 24.2#

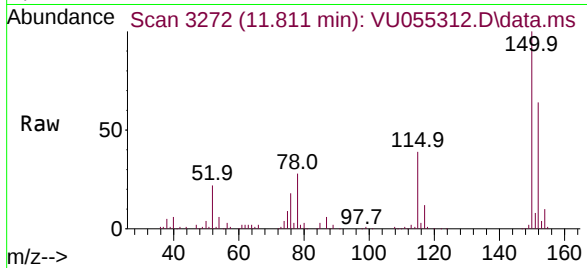
100 5.9 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.045 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU055312.D
 Acq: 14 Sep 2023 17:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	11600
Ion	Ratio	Lower	Upper
75	100		
110	1.4	28.2	42.2#
77	32.5	26.2	39.4

