

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
 Data File : VU055557.D
 Acq On : 27 Sep 2023 17:36
 Operator : MD/SY
 Sample : 04530-19DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 23:36:29 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)

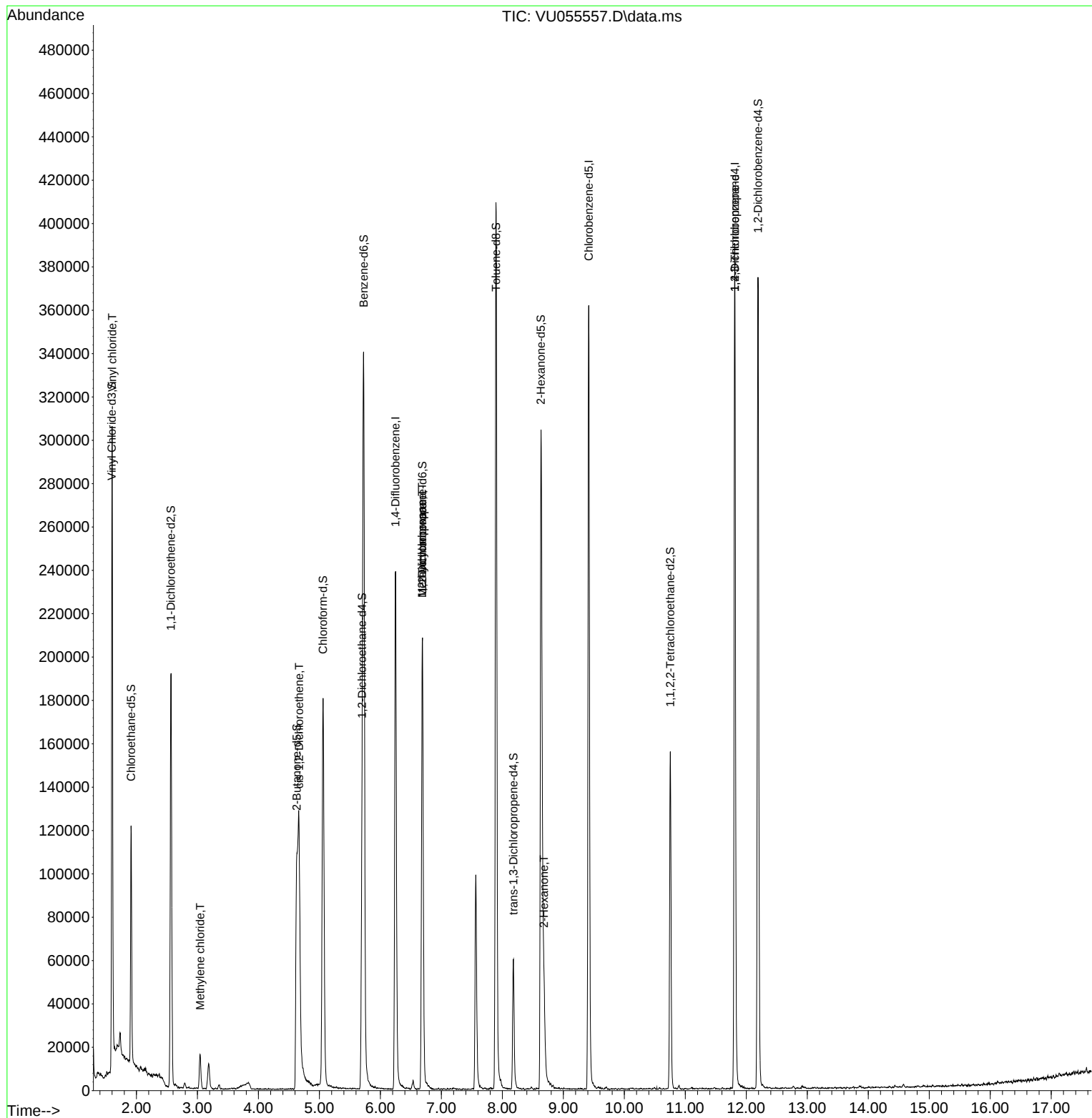
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	196853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	214140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	106464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89466	4.497	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.911	69	75436	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.563	65	35164	4.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.628	46	170894	47.555	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.100%
24) Chloroform-d	5.059	84	170984	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.698	65	82577	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.724	84	333101	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.689	67	103669	4.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.894	98	285016	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.181	79	35668	4.542	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.631	63	96378	40.345	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.680%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79208	4.723	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	101361	4.717	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	128829	7.083	ug/L	95
16) Methylene chloride	3.043	84	7852	0.476	ug/L	93
22) cis-1,2-Dichloroethene	4.666	96	47656	2.963	ug/L	93
35) Methylcyclohexane	6.686	83	23871	0.951	ug/L #	20
37) 1,2-Dichloropropane	6.686	63	10788	0.669	ug/L #	90
48) 2-Hexanone	8.682	43	21909	3.866	ug/L #	85
61) 1,2,3-Trichloropropane	11.811	75	12967	1.560	ug/L #	68

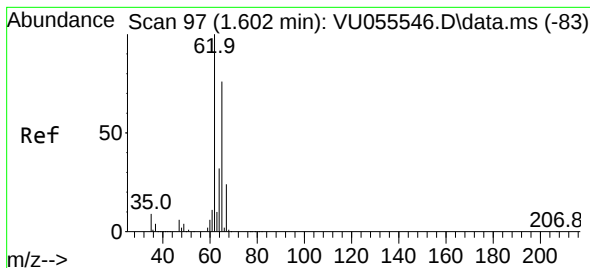
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.083 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

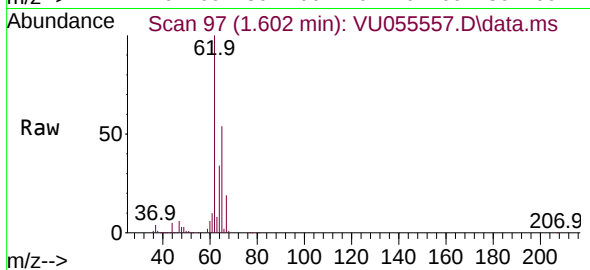
Lab File: VU055557.D

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Instrument :

MSVOA_U

ClientSampleId :

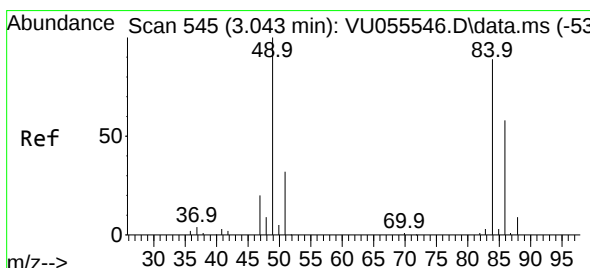
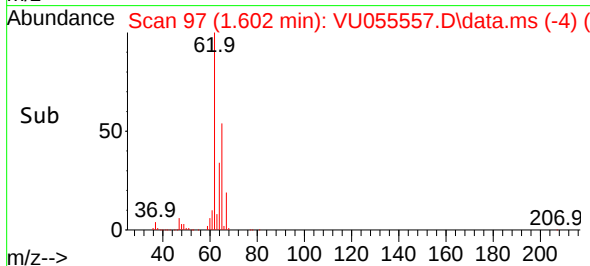
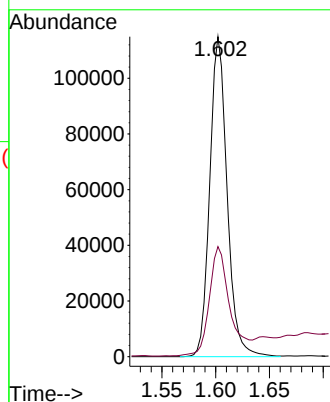


Tgt Ion: 62 Resp: 128829

Ion Ratio Lower Upper

62 100

64 34.4 22.3 41.5



#16

Methylene chloride

Concen: 0.476 ug/L

RT: 3.043 min Scan# 545

Delta R.T. -0.000 min

Lab File: VU055557.D

Acq: 27 Sep 2023 17:36

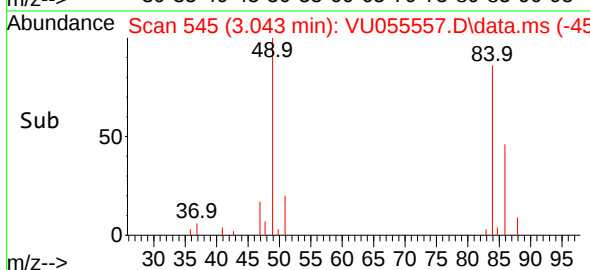
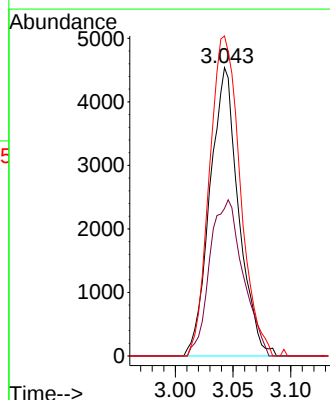
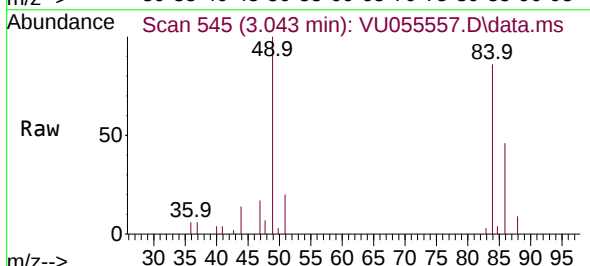
Tgt Ion: 84 Resp: 7852

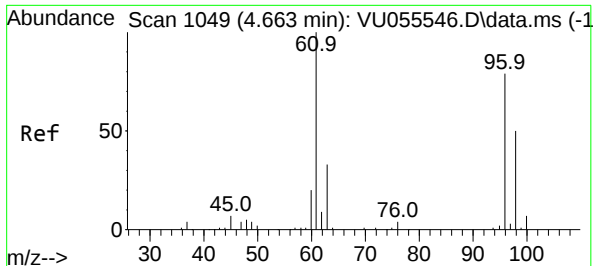
Ion Ratio Lower Upper

84 100

86 51.2 44.9 83.3

49 114.8 78.8 146.3





#22

cis-1,2-Dichloroethene

Concen: 2.963 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

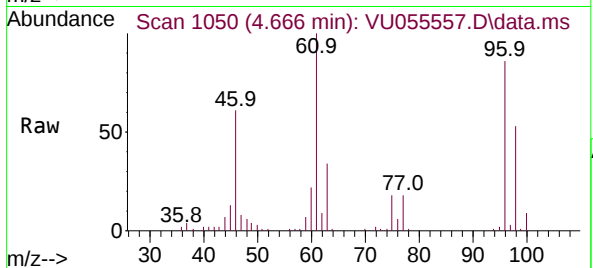
Lab File: VU055557.D

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Instrument :

MSVOA_U

ClientSampleId :



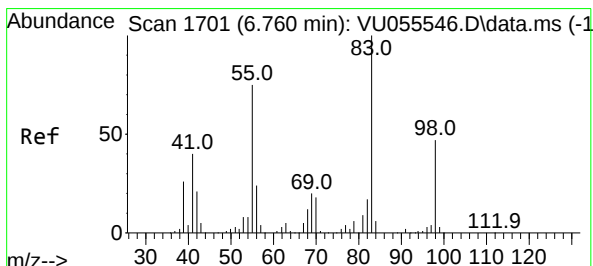
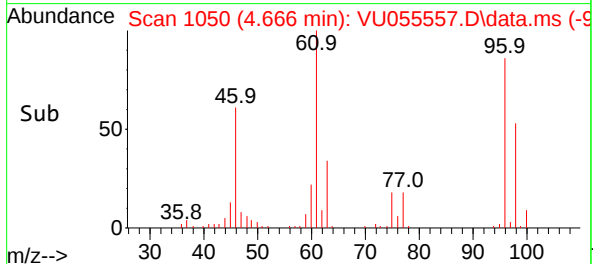
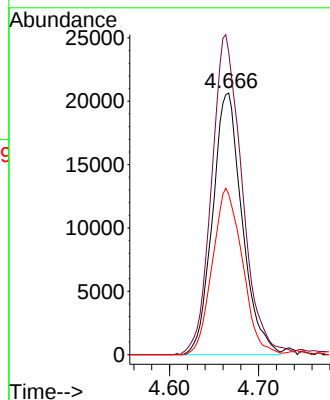
Tgt Ion: 96 Resp: 47656

Ion Ratio Lower Upper

96 100

61 115.7 87.8 163.2

98 61.4 44.4 82.4



#35

Methylcyclohexane

Concen: 0.951 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU055557.D

Acq: 27 Sep 2023 17:36

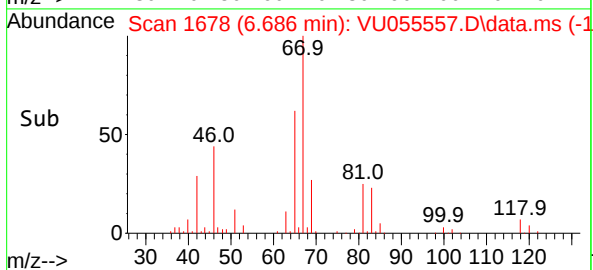
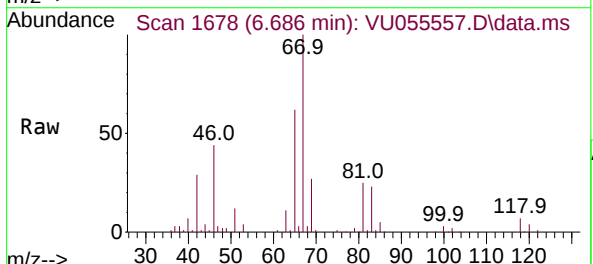
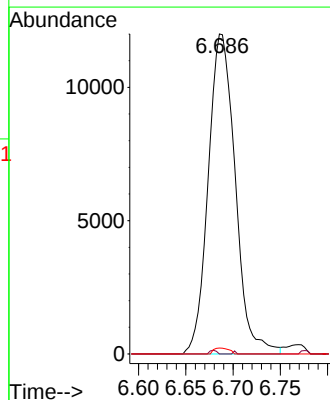
Tgt Ion: 83 Resp: 23871

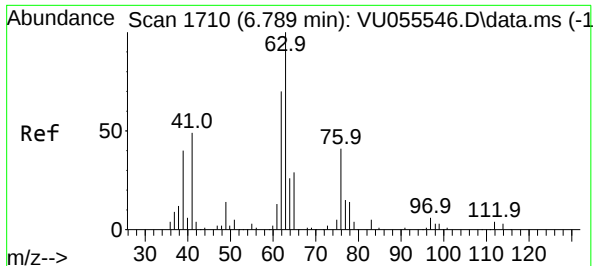
Ion Ratio Lower Upper

83 100

55 0.3 59.1 88.7#

98 1.0 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.669 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055557.D

Acq: 27 Sep 2023 17:36

Instrument :

MSVOA_U

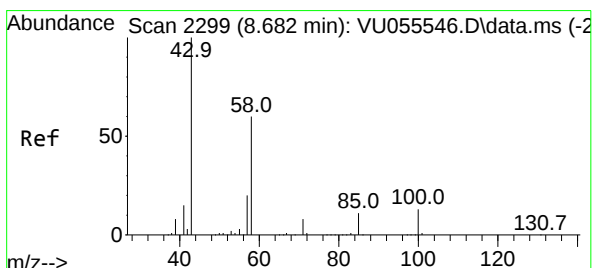
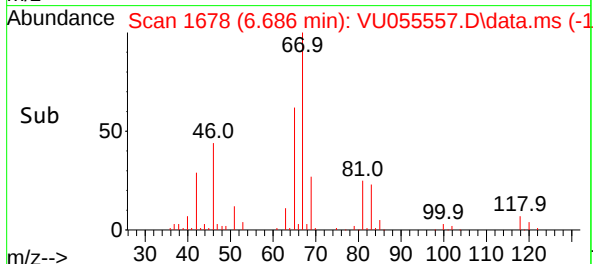
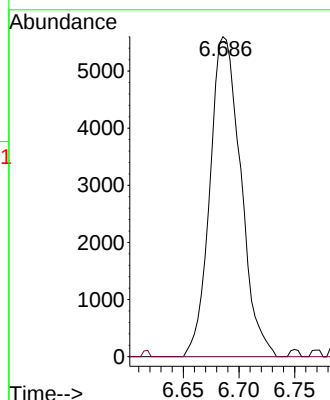
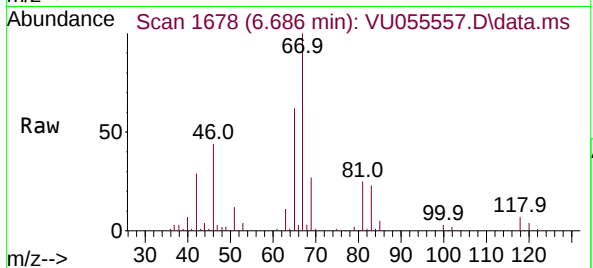
ClientSampleId :

Tgt Ion: 63 Resp: 10788

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#



#48

2-Hexanone

Concen: 3.866 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU055557.D

Acq: 27 Sep 2023 17:36

Tgt Ion: 43 Resp: 21909

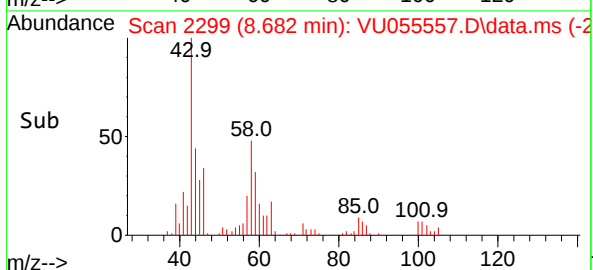
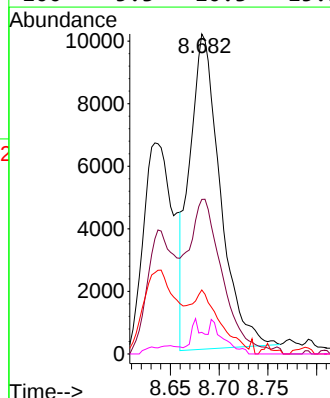
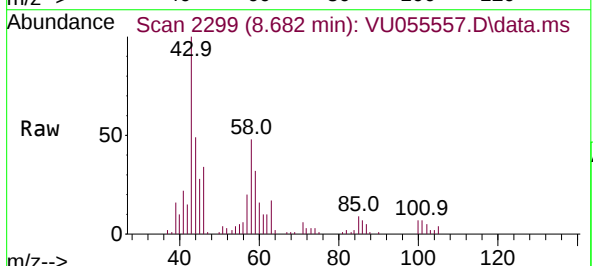
Ion Ratio Lower Upper

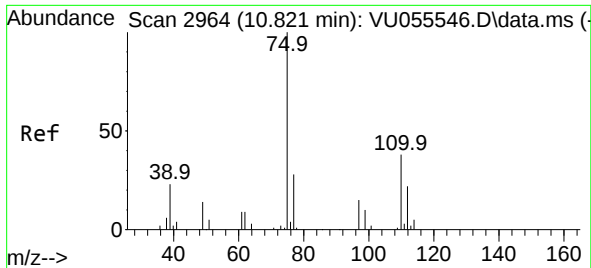
43 100

58 47.2 48.5 72.7#

57 18.1 17.0 25.4

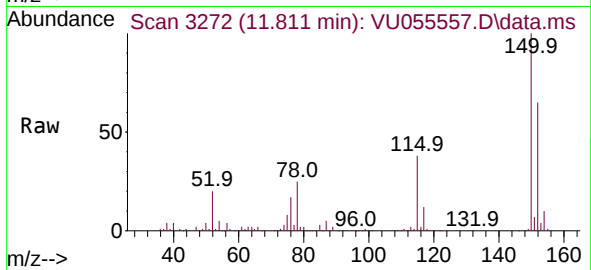
100 5.3 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.560 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055557.D
 Acq: 27 Sep 2023 17:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12967
 Ion Ratio Lower Upper
 75 100
 110 2.7 30.6 45.8#
 77 33.7 26.7 40.1

