

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055461.D
 Acq On : 22 Sep 2023 15:50
 Operator : MD/SY
 Sample : 04555-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 01:11:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

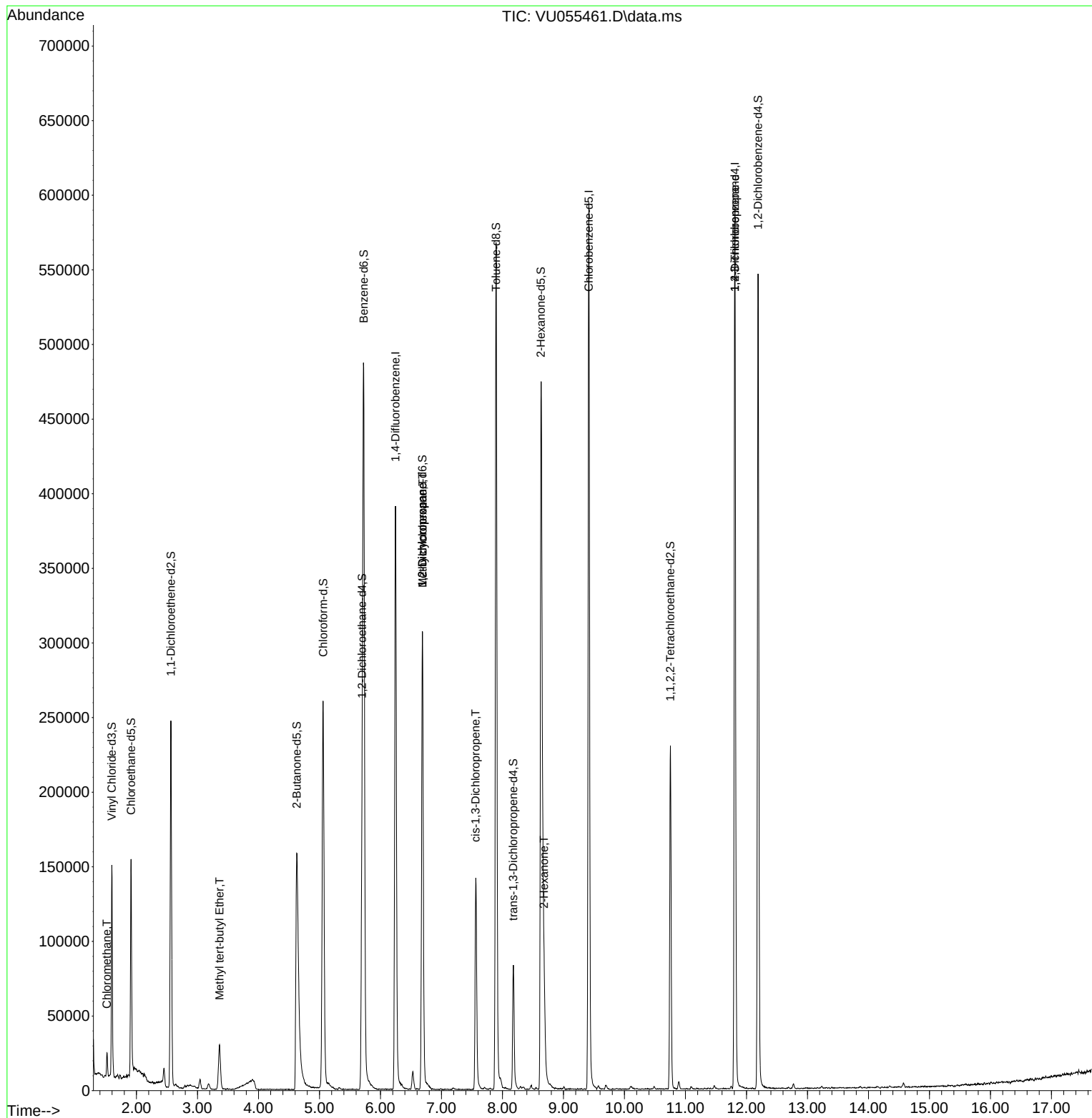
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	327010	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	338185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	159746	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99312	3.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.911	69	101808	3.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	2.563	65	46058	3.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.628	46	291149	48.771	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.540%
24) Chloroform-d	5.059	84	247736	4.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.698	65	127078	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.724	84	468194	3.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.686	67	146720	4.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.894	98	389644	3.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	8.177	79	49969	4.029	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.631	63	147847	39.189	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.380%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	113096	4.270	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	145374	4.509	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
3) Chloromethane	1.515	50	11113	0.397	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	33749	0.680	ug/L	96
35) Methylcyclohexane	6.689	83	36087	0.910	ug/L #	20
37) 1,2-Dichloropropane	6.686	63	15892	0.624	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	4300	0.127	ug/L	87
48) 2-Hexanone	8.682	43	45300	5.062	ug/L #	83
61) 1,2,3-Trichloropropane	11.811	75	18842	1.511	ug/L #	67

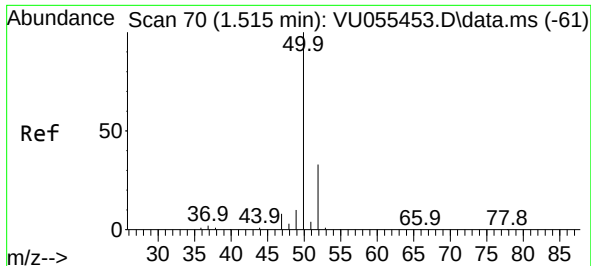
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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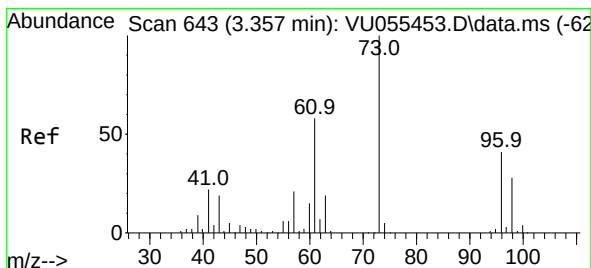
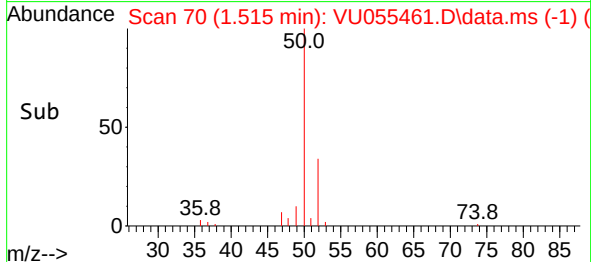
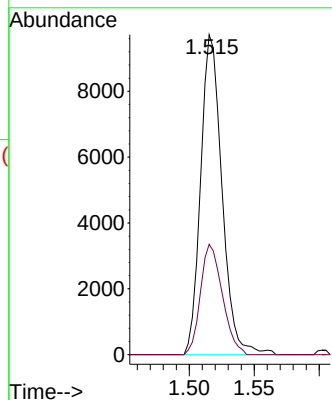
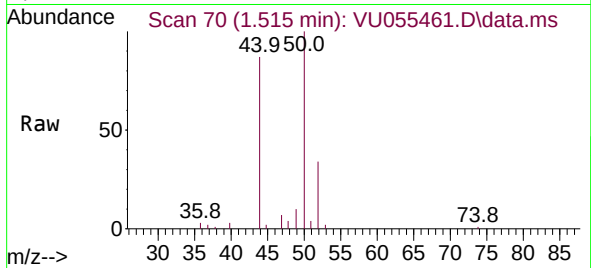




#3
Chloromethane
Concen: 0.397 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055461.D
Acq: 22 Sep 2023 15:50

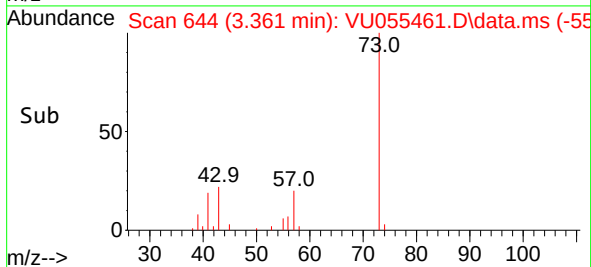
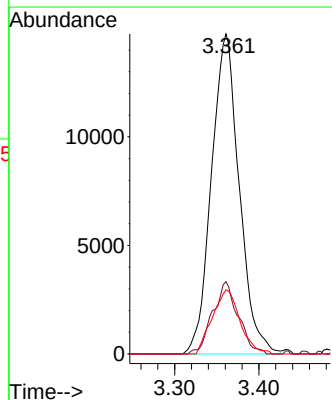
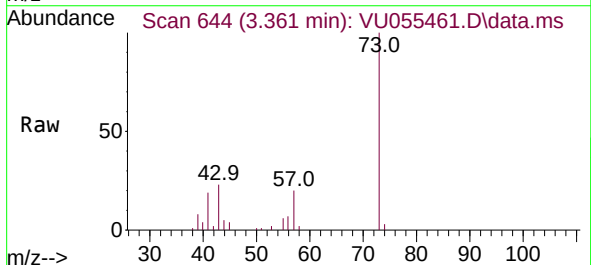
Instrument :
MSVOA_U
ClientSampleId :

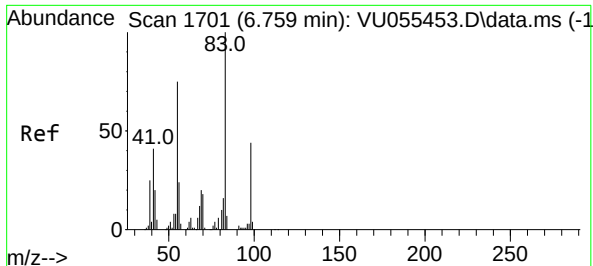
Tgt Ion: 50 Resp: 11113
Ion Ratio Lower Upper
50 100
52 34.5 22.9 42.5



#17
Methyl tert-butyl Ether
Concen: 0.680 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055461.D
Acq: 22 Sep 2023 15:50

Tgt Ion: 73 Resp: 33749
Ion Ratio Lower Upper
73 100
43 20.8 14.9 22.3
57 20.0 17.3 25.9





#35

Methylcyclohexane

Concen: 0.910 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.070 min

Lab File: VU055461.D

Acq: 22 Sep 2023 15:50

Instrument :

MSVOA_U

ClientSampleId :

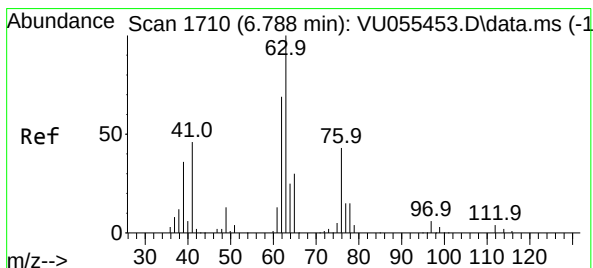
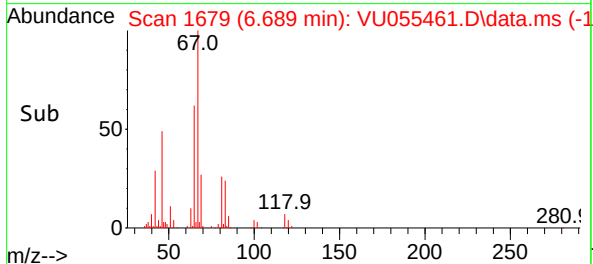
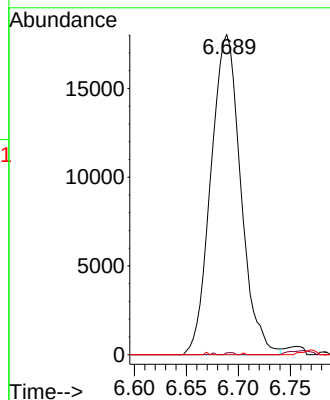
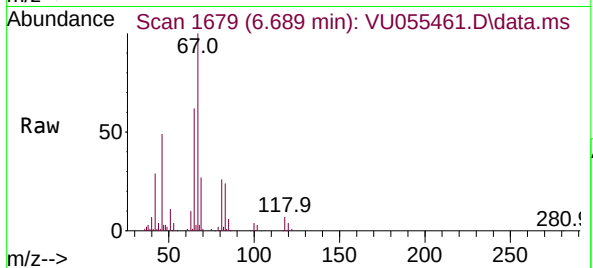
Tgt Ion: 83 Resp: 36087

Ion Ratio Lower Upper

83 100

55 0.2 59.1 88.7#

98 0.1 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU055461.D

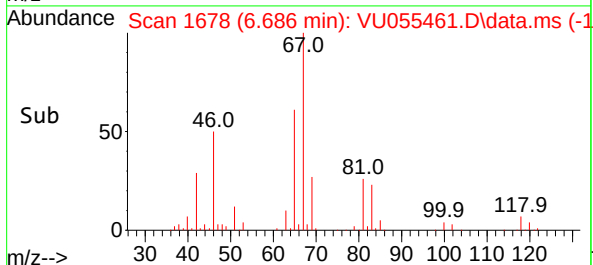
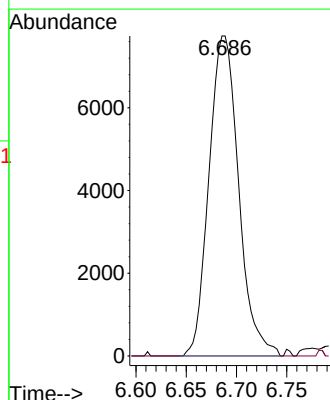
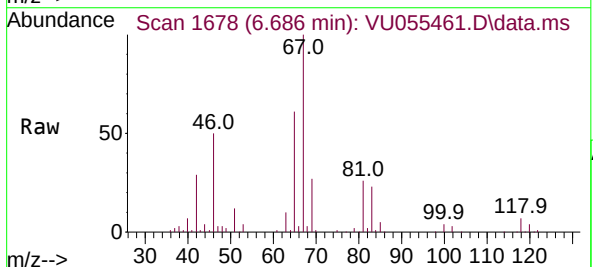
Acq: 22 Sep 2023 15:50

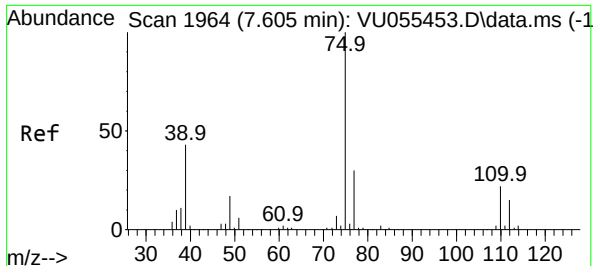
Tgt Ion: 63 Resp: 15892

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.560 min Scan# 1964

Delta R.T. -0.045 min

Lab File: VU055461.D

Acq: 22 Sep 2023 15:50

Instrument :

MSVOA_U

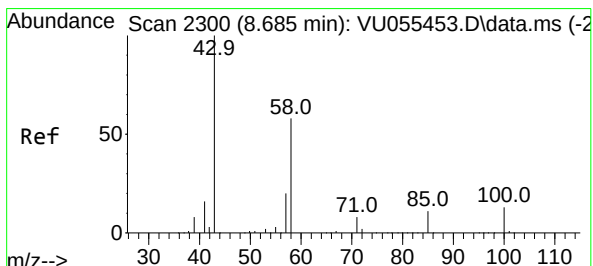
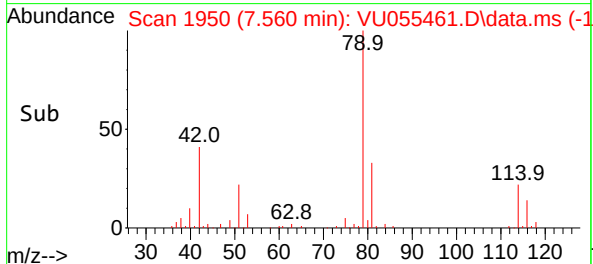
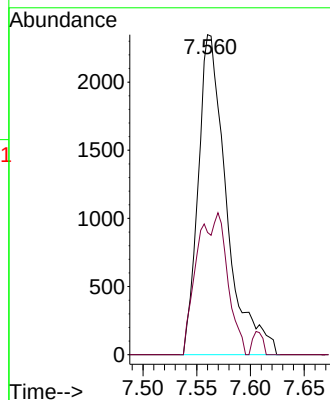
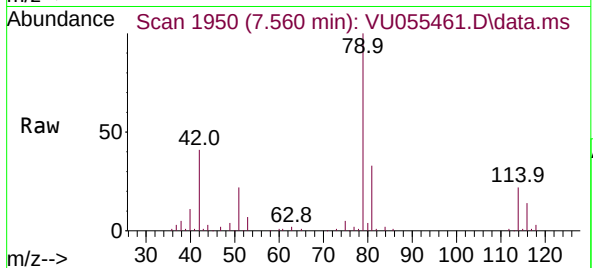
ClientSampleId :

Tgt Ion: 75 Resp: 4300

Ion Ratio Lower Upper

75 100

77 38.2 21.6 40.2



#48

2-Hexanone

Concen: 5.062 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.003 min

Lab File: VU055461.D

Acq: 22 Sep 2023 15:50

Tgt Ion: 43 Resp: 45300

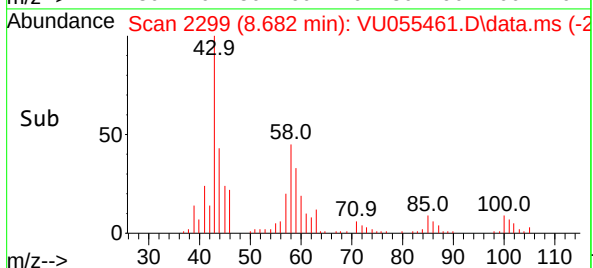
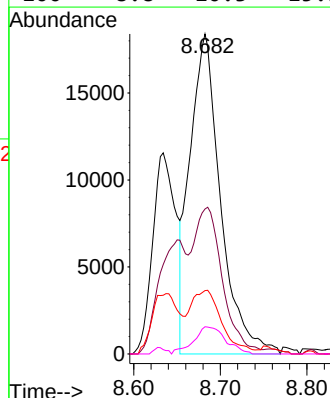
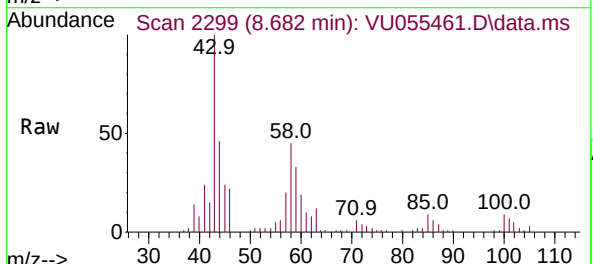
Ion Ratio Lower Upper

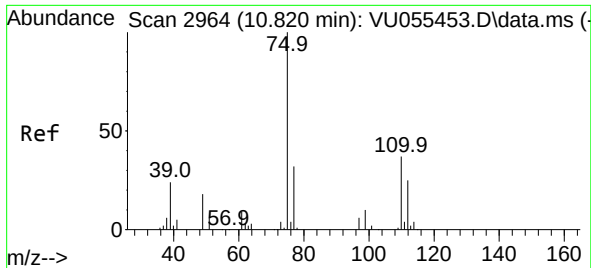
43 100

58 43.3 48.5 72.7#

57 20.0 17.0 25.4

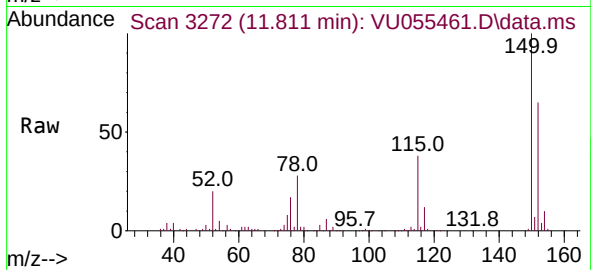
100 8.8 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.511 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU055461.D
 Acq: 22 Sep 2023 15:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 18842
 Ion Ratio Lower Upper
 75 100
 110 1.4 30.6 45.8#
 77 33.1 26.7 40.1

