

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058576.D
 Acq On : 10 Apr 2024 22:25
 Operator : MD/SY
 Sample : P2014-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 03:00:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 02:34:51 2024
 Response via : Initial Calibration

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

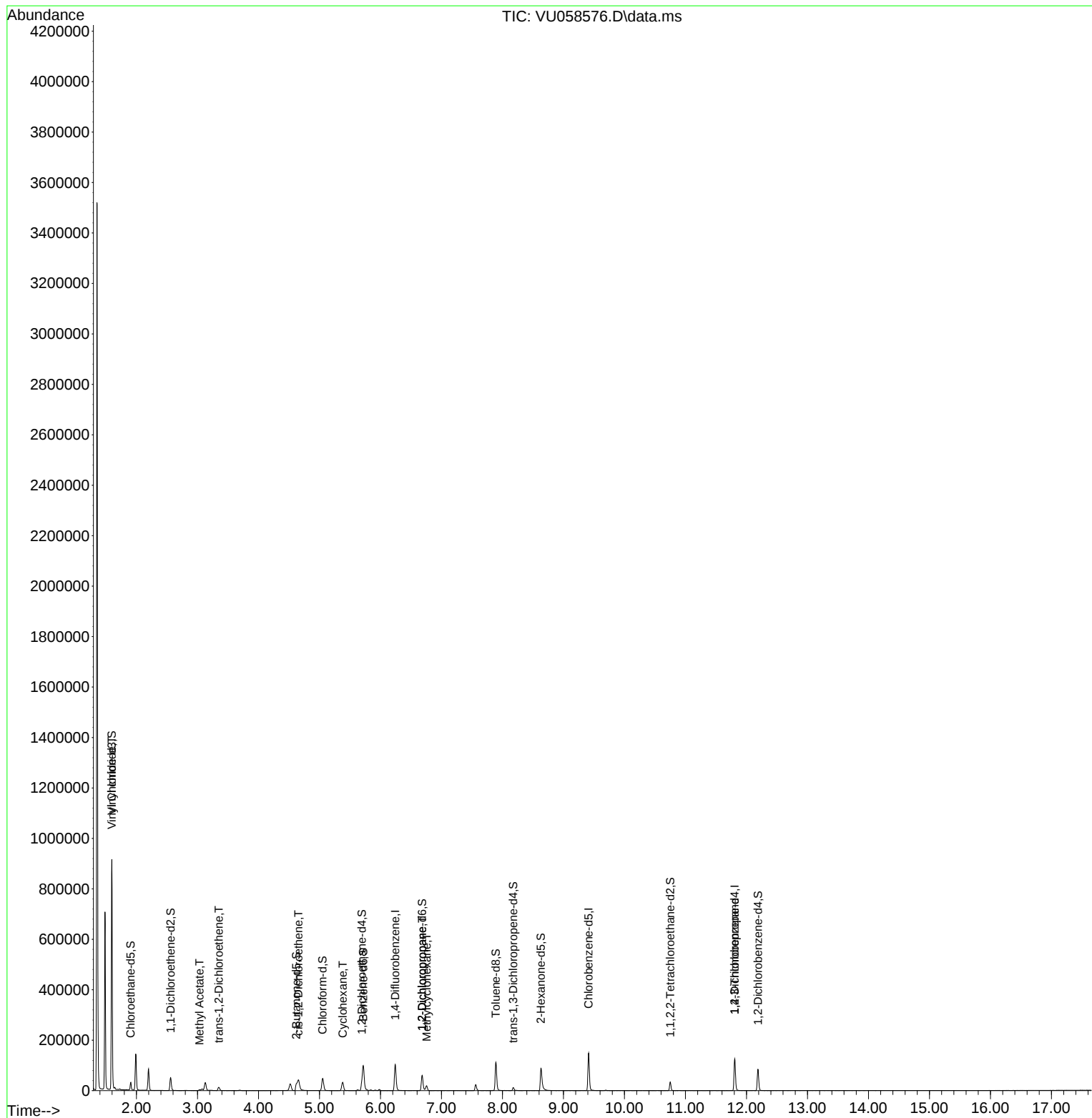
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80765	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	77817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24355	4.555	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.904	69	20594	4.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	10592	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.621	46	46388	41.166	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.340%
24) Chloroform-d	5.049	84	45758	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.695	65	22207	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.718	84	92006	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	28988	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.891	98	75831	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.177	79	7542	3.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.631	63	32326	38.429	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18253	3.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	21648	3.840	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.800%#
Target Compounds						Qvalue
5) Vinyl chloride	1.596	62	117838	14.321	ug/L	99
15) Methyl Acetate	3.033	43	1571	0.692	ug/L #	55
18) trans-1,2-Dichloroethene	3.348	96	3163	0.527	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	17933	2.662	ug/L	96
30) Cyclohexane	5.380	56	14846	1.347	ug/L	99
35) Methylcyclohexane	6.756	83	6788	0.634	ug/L	91
37) 1,2-Dichloropropane	6.682	63	3208	0.432	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4471	1.309	ug/L #	68

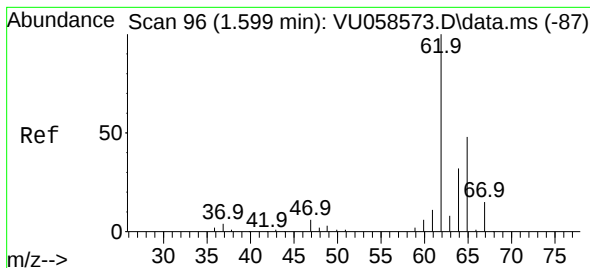
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 14.321 ug/L

RT: 1.596 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU058576.D

Acq: 10 Apr 2024 22:25

Instrument :

MSVOA_U

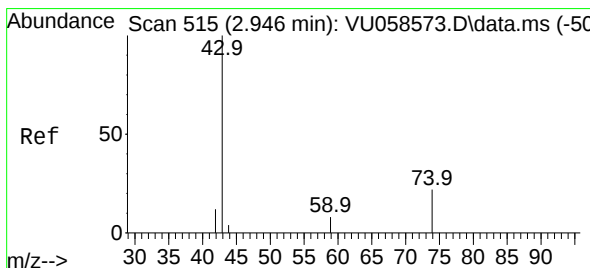
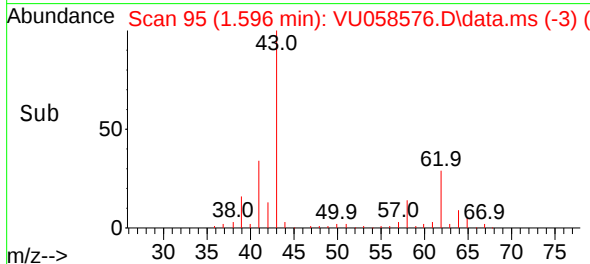
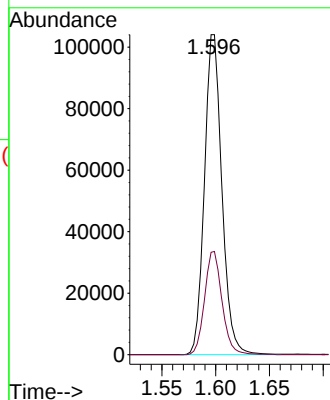
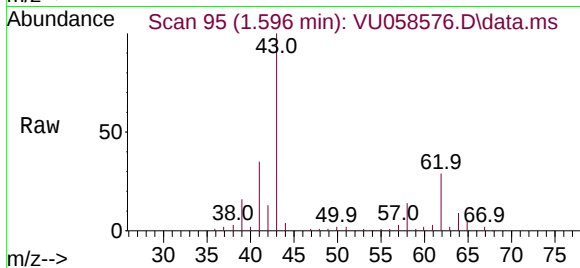
ClientSampleId :

Tgt Ion: 62 Resp: 117838

Ion Ratio Lower Upper

62 100

64 32.0 22.6 42.0



#15

Methyl Acetate

Concen: 0.692 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.087 min

Lab File: VU058576.D

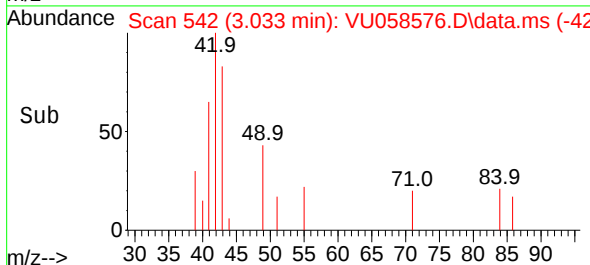
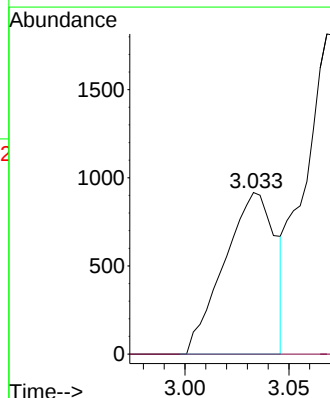
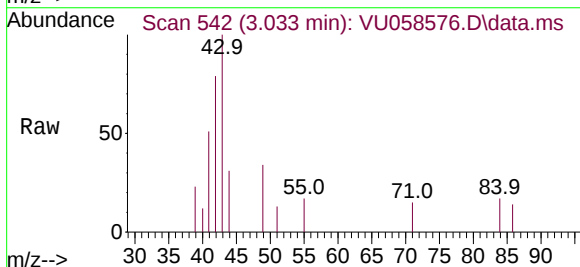
Acq: 10 Apr 2024 22:25

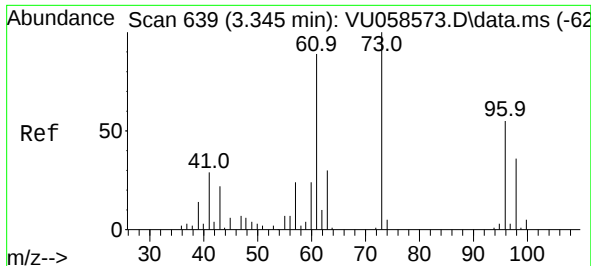
Tgt Ion: 43 Resp: 1571

Ion Ratio Lower Upper

43 100

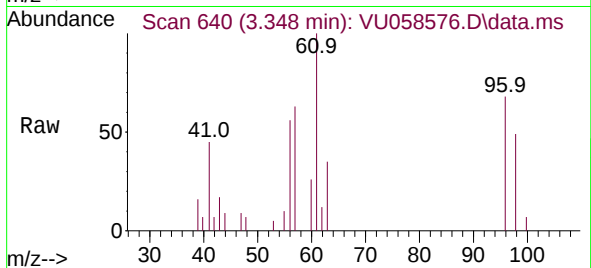
74 0.0 16.6 25.0#





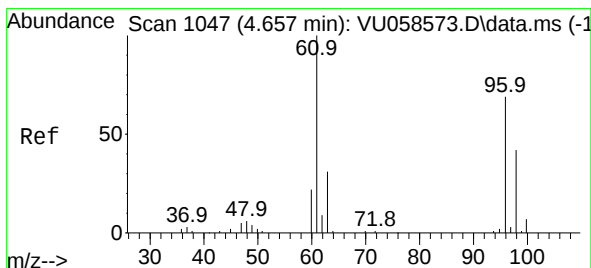
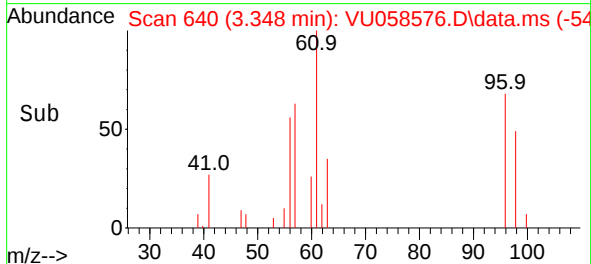
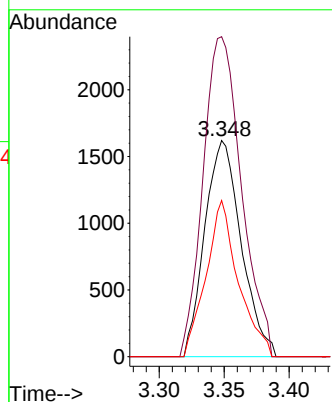
#18
trans-1,2-Dichloroethene
Concen: 0.527 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058576.D
Acq: 10 Apr 2024 22:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 3163

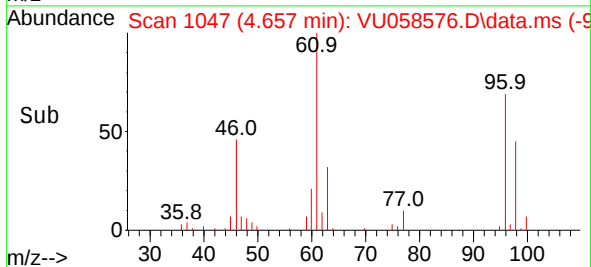
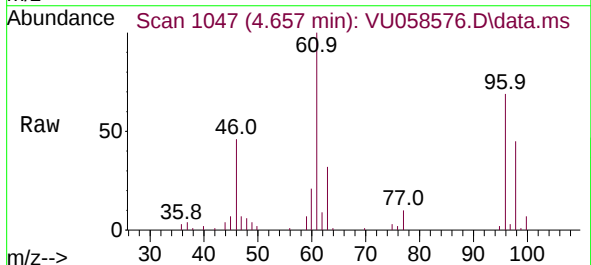
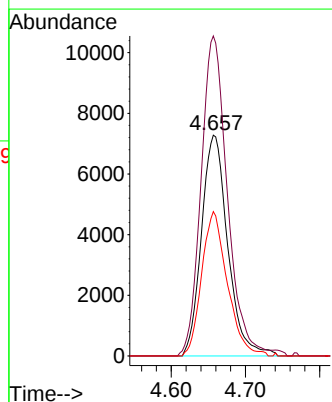
Ion	Ratio	Lower	Upper
96	100		
61	148.0	107.6	199.8
98	72.2	45.1	83.7

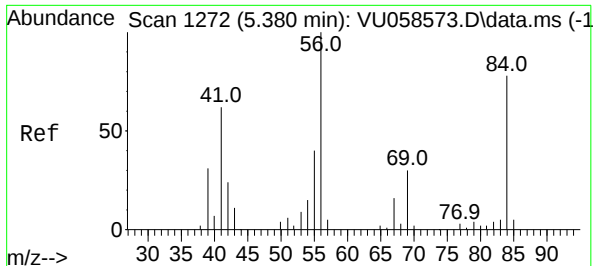


#22
cis-1,2-Dichloroethene
Concen: 2.662 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058576.D
Acq: 10 Apr 2024 22:25

Tgt Ion: 96 Resp: 17933

Ion	Ratio	Lower	Upper
96	100		
61	144.9	98.1	182.3
98	65.4	43.6	81.0





#30

Cyclohexane

Concen: 1.347 ug/L

RT: 5.380 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU058576.D

Acq: 10 Apr 2024 22:25

Instrument :

MSVOA_U

ClientSampleId :

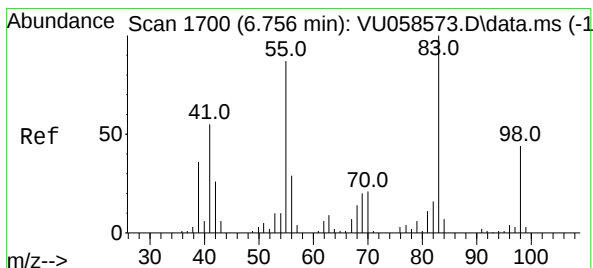
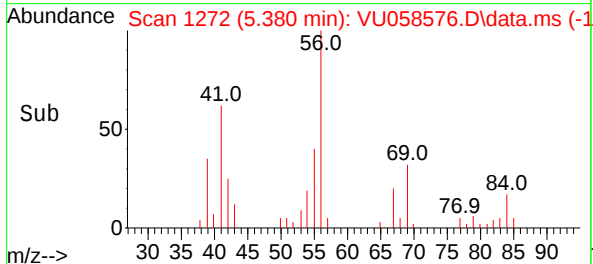
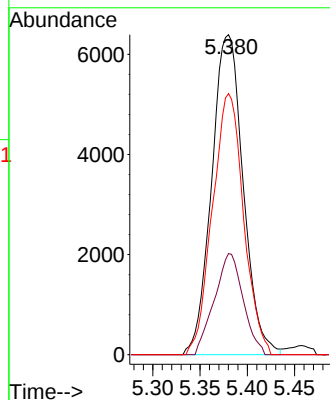
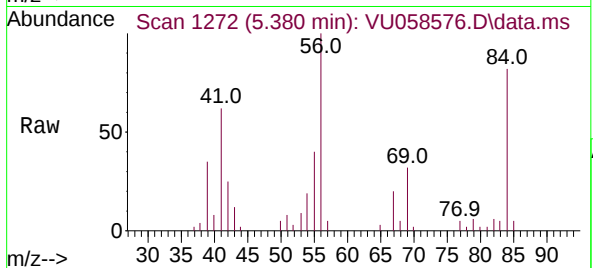
Tgt Ion: 56 Resp: 14846

Ion Ratio Lower Upper

56 100

69 28.8 23.2 34.8

84 80.3 63.3 94.9



#35

Methylcyclohexane

Concen: 0.634 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058576.D

Acq: 10 Apr 2024 22:25

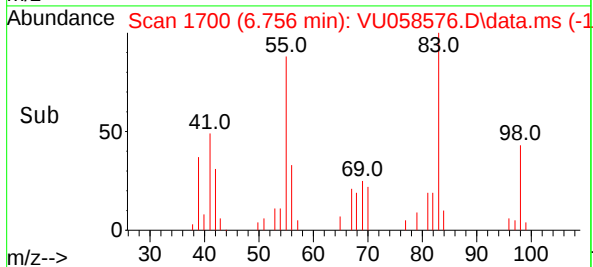
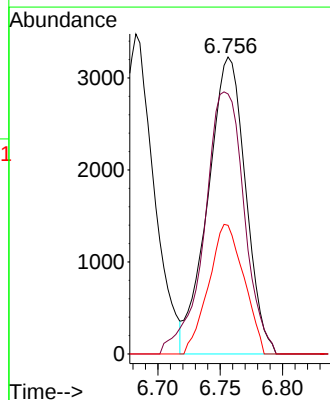
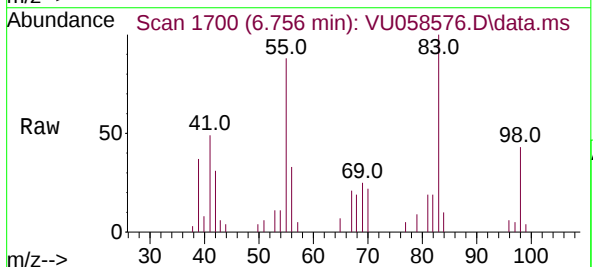
Tgt Ion: 83 Resp: 6788

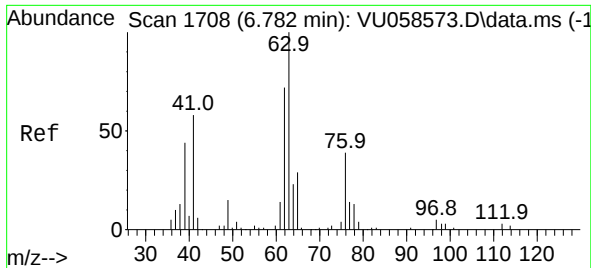
Ion Ratio Lower Upper

83 100

55 93.1 66.2 99.4

98 40.8 34.6 52.0

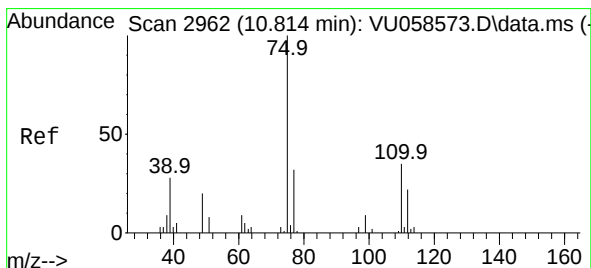
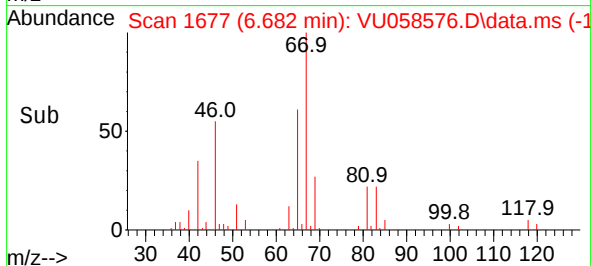
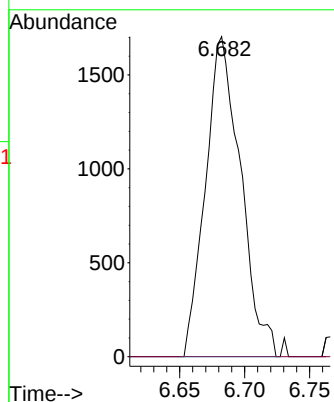
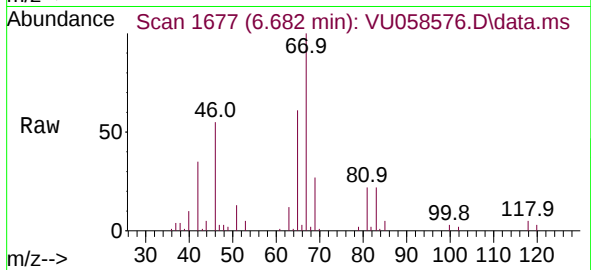




#37
1,2-Dichloropropane
Concen: 0.432 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058576.D
Acq: 10 Apr 2024 22:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3208
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.309 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU058576.D
Acq: 10 Apr 2024 22:25

Tgt Ion: 75 Resp: 4471
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 34.8 25.1 37.7

