

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058571.D
 Acq On : 10 Apr 2024 19:40
 Operator : MD/SY
 Sample : P2013-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:34:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

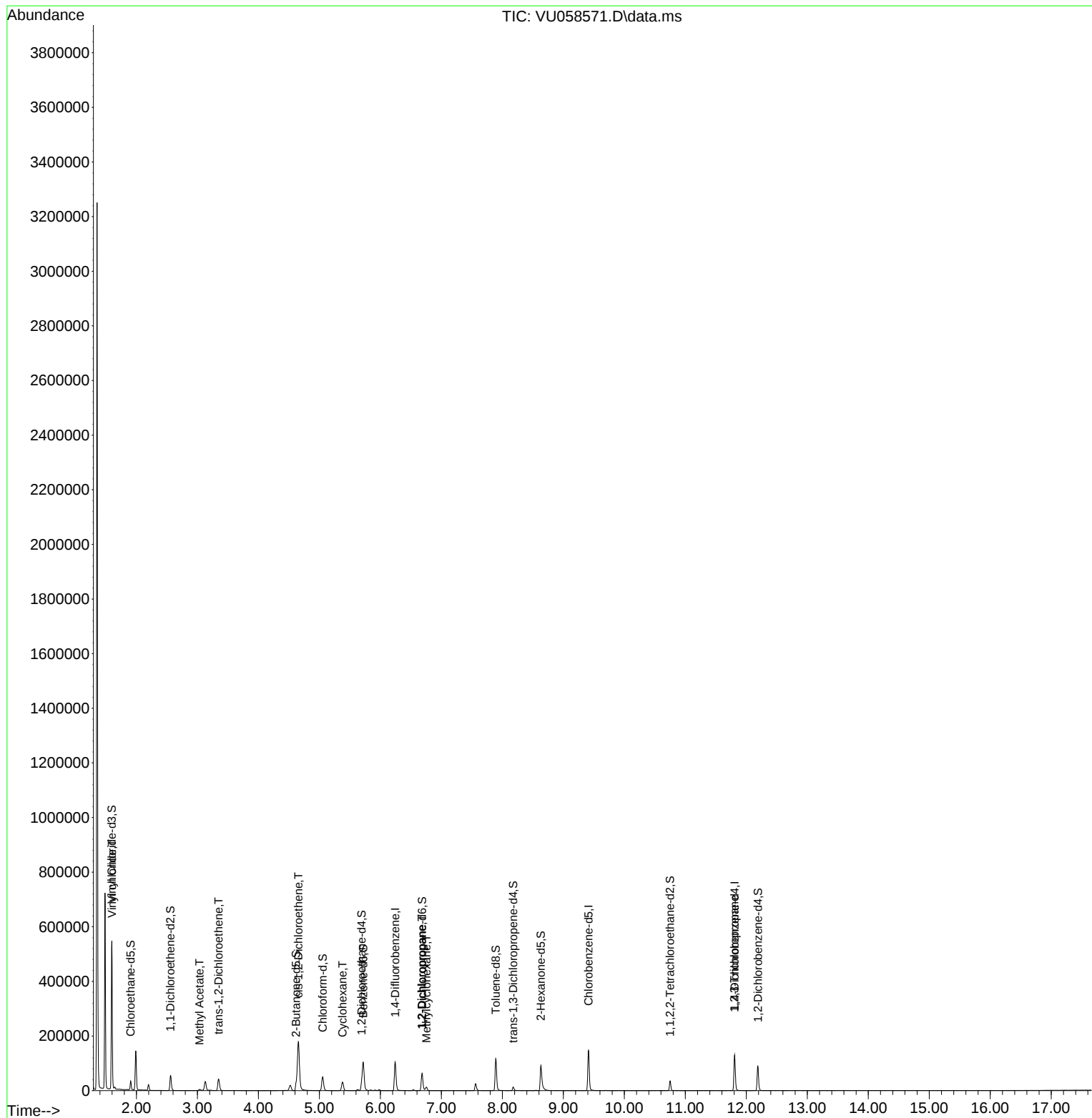
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81045	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33598	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23963	4.466	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	89.400%		
7) Chloroethane-d5	1.904	69	21136	4.533	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	90.600%		
11) 1,1-Dichloroethene-d2	2.557	65	10537	4.339	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	86.800%		
20) 2-Butanone-d5	4.618	46	45595	40.322	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	80.640%		
24) Chloroform-d	5.052	84	47097	4.397	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.000%		
26) 1,2-Dichloroethane-d4	5.692	65	22628	4.527	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	90.600%		
32) Benzene-d6	5.718	84	95858	4.525	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.400%		
36) 1,2-Dichloropropane-d6	6.682	67	29525	4.444	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	88.800%		
41) Toluene-d8	7.891	98	77486	4.125	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.400%		
43) trans-1,3-Dichloroprop...	8.177	79	8247	3.999	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	80.000%		
46) 2-Hexanone-d5	8.631	63	32045	37.675	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	75.340%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17844	3.805	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	76.000%		
66) 1,2-Dichlorobenzene-d4	12.190	152	23317	4.121	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	82.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	43720	5.295	ug/L	99
15) Methyl Acetate	3.033	43	2332	1.024	ug/L #	55
18) trans-1,2-Dichloroethene	3.345	96	14793	2.457	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	86324	12.770	ug/L	96
30) Cyclohexane	5.377	56	14783	1.327	ug/L	99
35) Methylcyclohexane	6.753	83	4882	0.451	ug/L	94
37) 1,2-Dichloropropane	6.679	63	3195	0.426	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4937	1.440	ug/L #	70

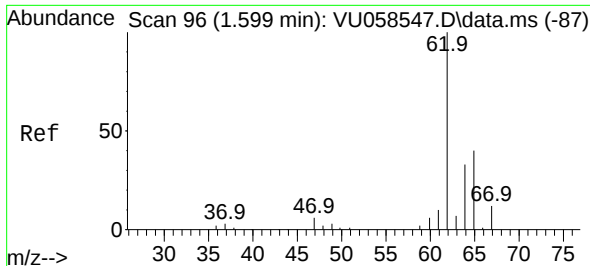
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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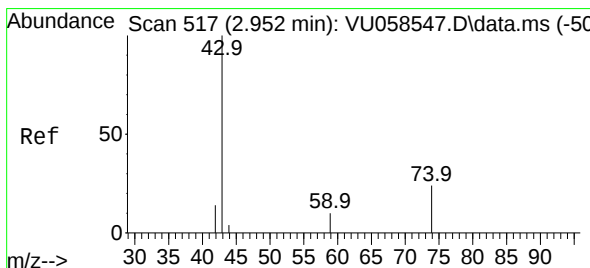
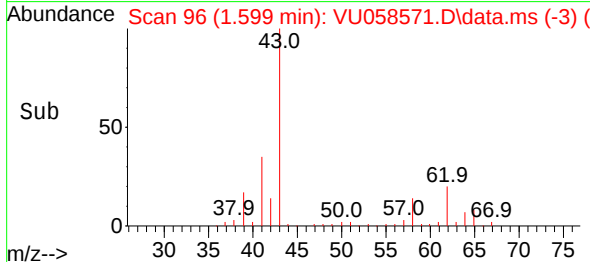
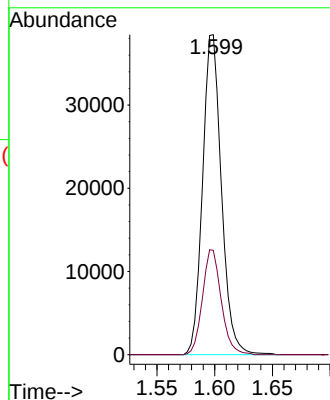
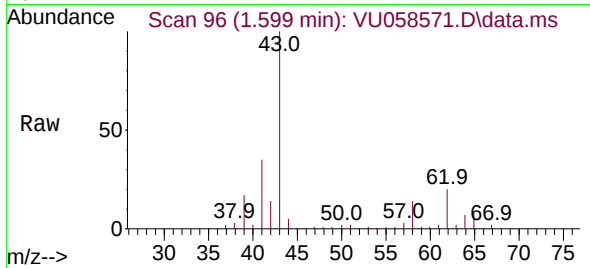




#5
 Vinyl chloride
 Concen: 5.295 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058571.D
 Acq: 10 Apr 2024 19:40

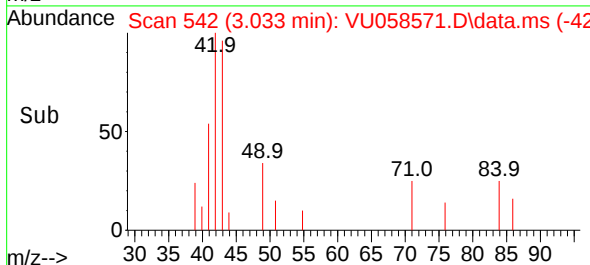
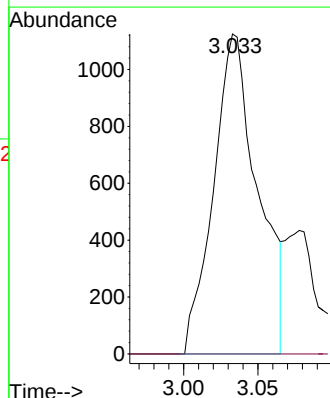
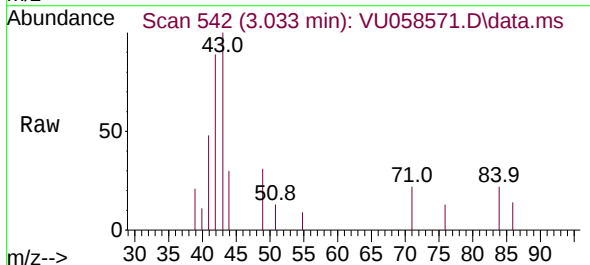
Instrument :
 MSVOA_U
 ClientSampleId :

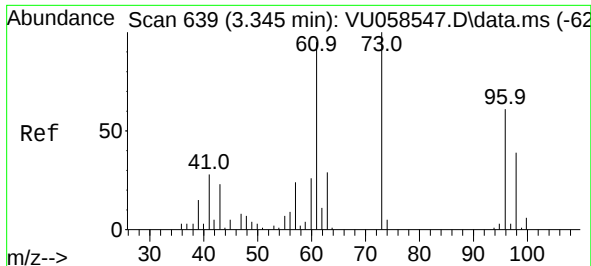
Tgt Ion: 62 Resp: 43720
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.6 42.0



#15
 Methyl Acetate
 Concen: 1.024 ug/L
 RT: 3.033 min Scan# 542
 Delta R.T. 0.080 min
 Lab File: VU058571.D
 Acq: 10 Apr 2024 19:40

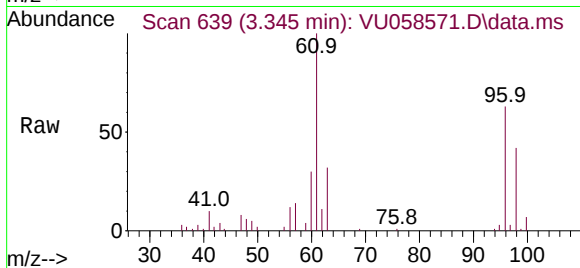
Tgt Ion: 43 Resp: 2332
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.6 25.0#



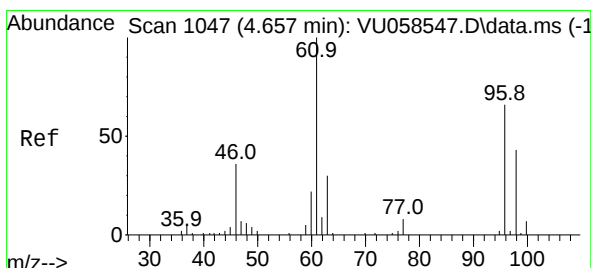
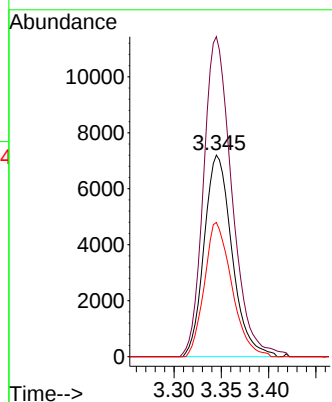
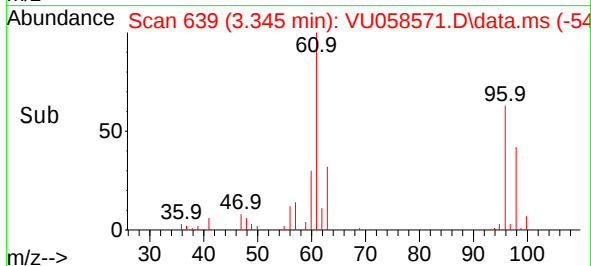


#18
trans-1,2-Dichloroethene
Concen: 2.457 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058571.D
Acq: 10 Apr 2024 19:40

Instrument :
MSVOA_U
ClientSampleId :

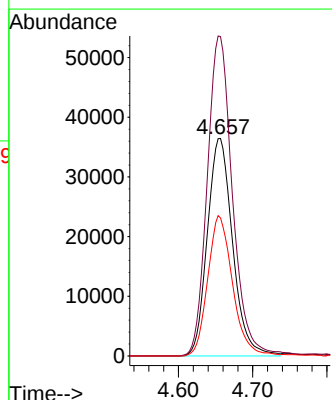
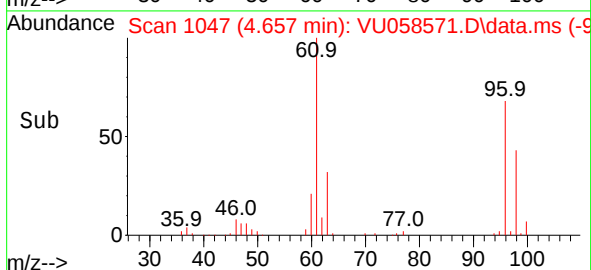
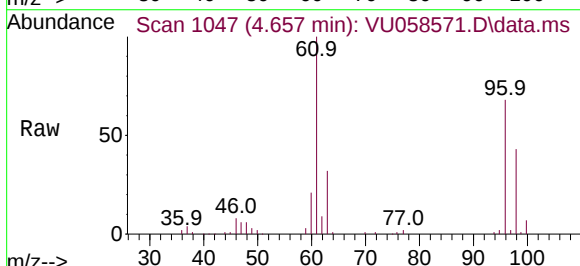


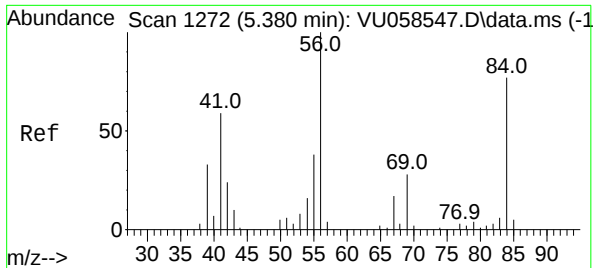
Tgt Ion: 96 Resp: 14793
Ion Ratio Lower Upper
96 100
61 158.7 107.6 199.8
98 66.6 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 12.770 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058571.D
Acq: 10 Apr 2024 19:40

Tgt Ion: 96 Resp: 86324
Ion Ratio Lower Upper
96 100
61 146.9 98.1 182.3
98 63.5 43.6 81.0





#30

Cyclohexane

Concen: 1.327 ug/L

RT: 5.377 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU058571.D

Acq: 10 Apr 2024 19:40

Instrument :

MSVOA_U

ClientSampleId :

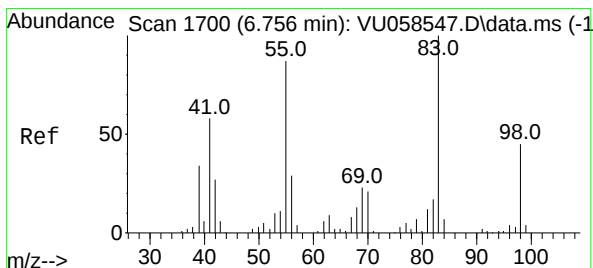
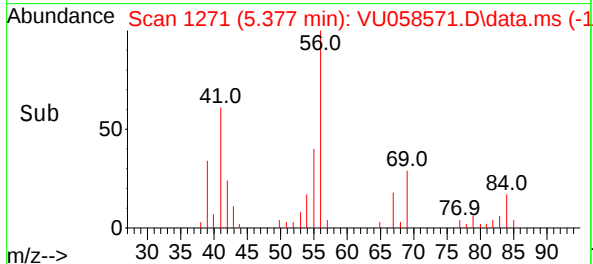
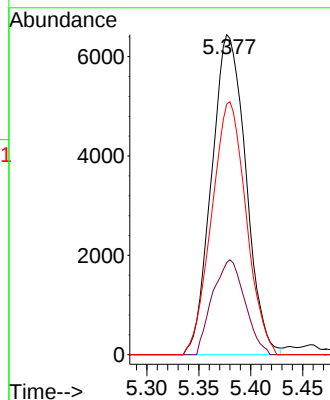
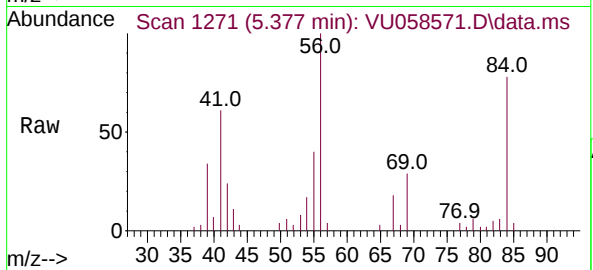
Tgt Ion: 56 Resp: 14783

Ion Ratio Lower Upper

56 100

69 28.0 23.2 34.8

84 79.5 63.3 94.9



#35

Methylcyclohexane

Concen: 0.451 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU058571.D

Acq: 10 Apr 2024 19:40

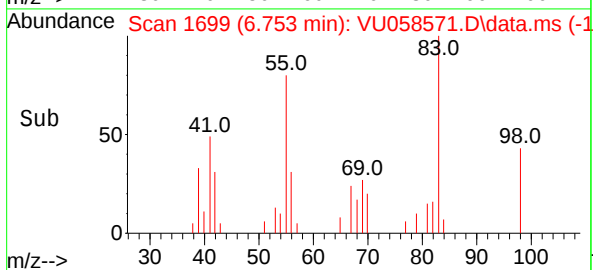
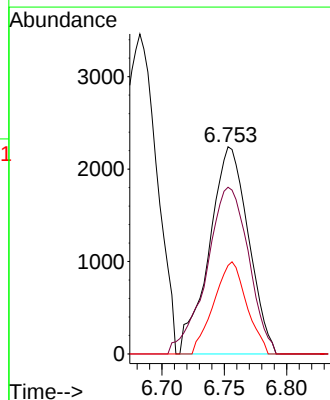
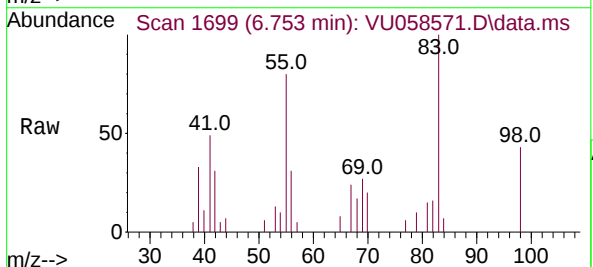
Tgt Ion: 83 Resp: 4882

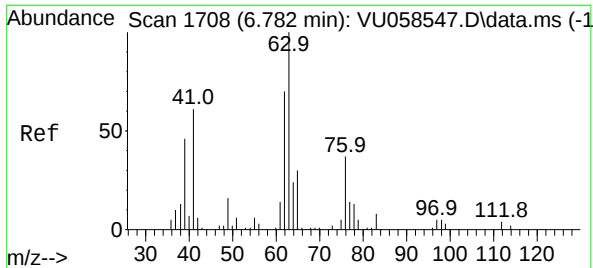
Ion Ratio Lower Upper

83 100

55 86.3 66.2 99.4

98 37.4 34.6 52.0

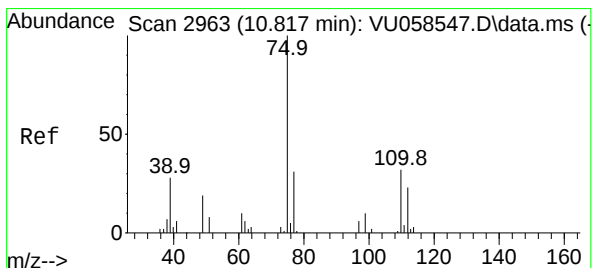
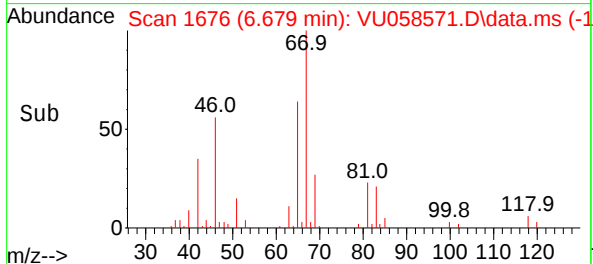
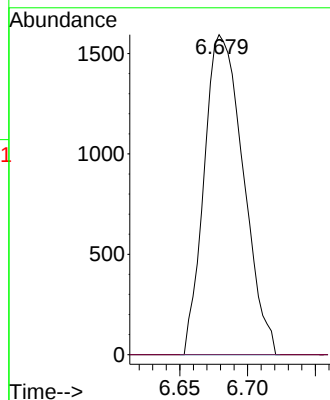
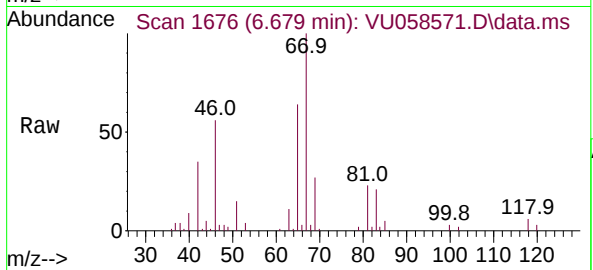




#37
1,2-Dichloropropane
Concen: 0.426 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058571.D
Acq: 10 Apr 2024 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3195
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.440 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU058571.D
Acq: 10 Apr 2024 19:40

Tgt Ion: 75 Resp: 4937
Ion Ratio Lower Upper
75 100
110 0.4 25.8 38.6#
77 32.4 25.1 37.7

