

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057751.D
 Acq On : 30 Jan 2024 18:11
 Operator : MD/SY
 Sample : P1239-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 22:39:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 22:31:02 2024
 Response via : Initial Calibration

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

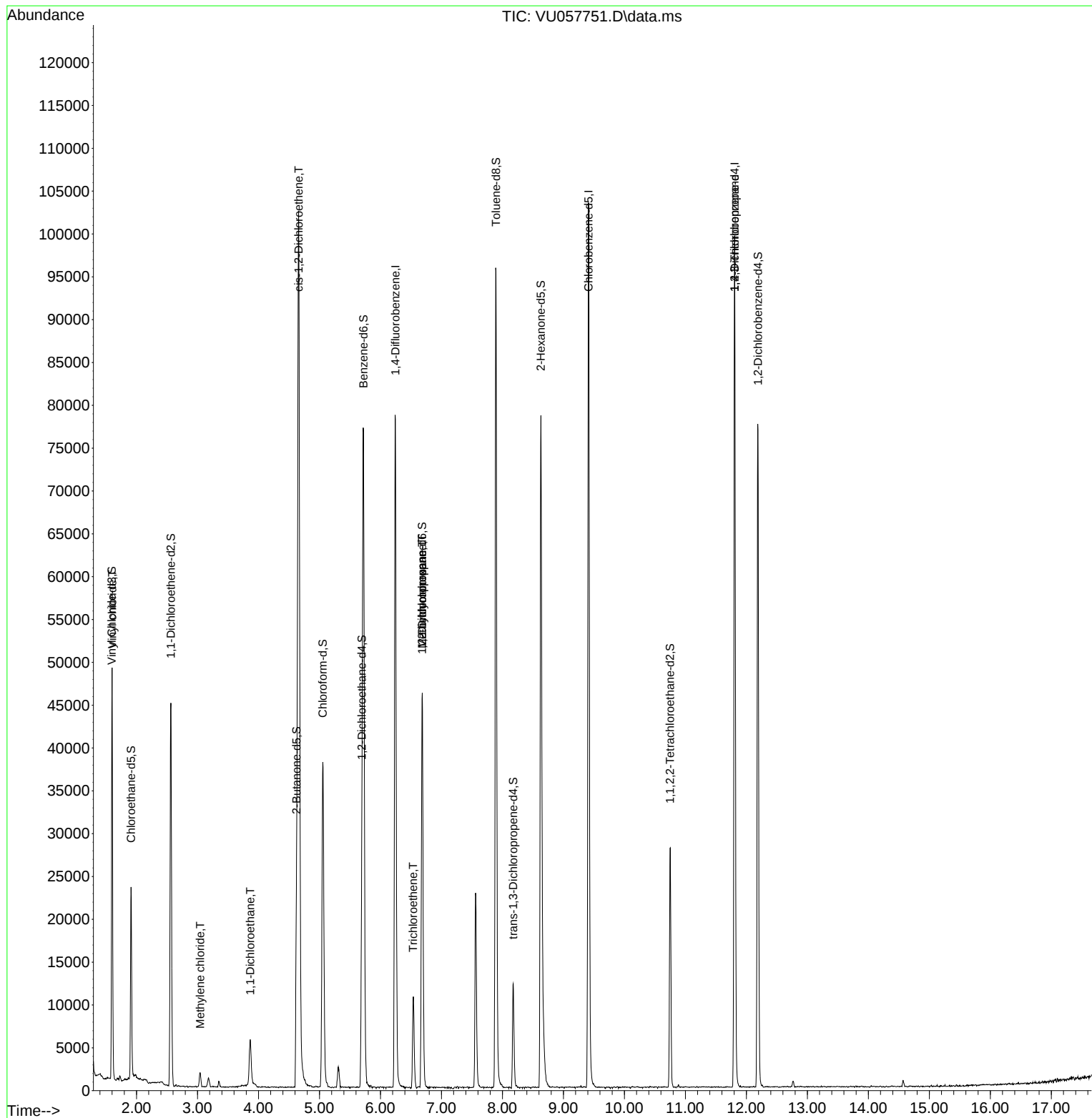
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	64144	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18086	5.118	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.400%	
7) Chloroethane-d5	1.911	69	16333	5.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 110.400%	
11) 1,1-Dichloroethene-d2	2.563	65	8466	5.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 101.800%	
20) 2-Butanone-d5	4.624	46	35621	53.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 106.860%	
24) Chloroform-d	5.055	84	35531	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 99.000%	
26) 1,2-Dichloroethane-d4	5.695	65	18393	5.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.800%	
32) Benzene-d6	5.721	84	72862	5.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.200%	
36) 1,2-Dichloropropane-d6	6.682	67	22290	5.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 108.800%	
41) Toluene-d8	7.894	98	66078	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.400%	
43) trans-1,3-Dichloroprop...	8.177	79	7744	4.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 94.800%	
46) 2-Hexanone-d5	8.631	63	27469	52.691	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 105.380%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	14208	5.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 103.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	20266	5.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 111.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	17334	2.995	ug/L	96
16) Methylene chloride	3.042	84	900	0.180	ug/L	98
19) 1,1-Dichloroethane	3.866	63	6661	0.735	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	51151	9.690	ug/L	97
34) Trichloroethene	6.537	95	4026	0.735	ug/L	95
35) Methylcyclohexane	6.685	83	5232	0.591	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	2448	0.492	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	3388	1.307	ug/L #	65

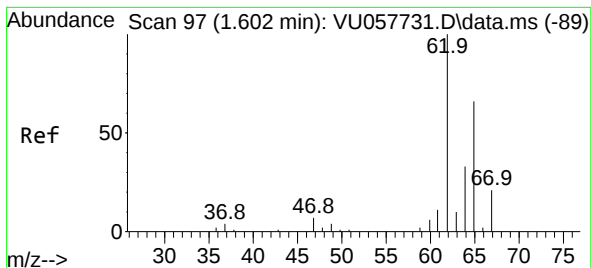
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.995 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057751.D

Acq: 30 Jan 2024 18:11

Instrument :

MSVOA_U

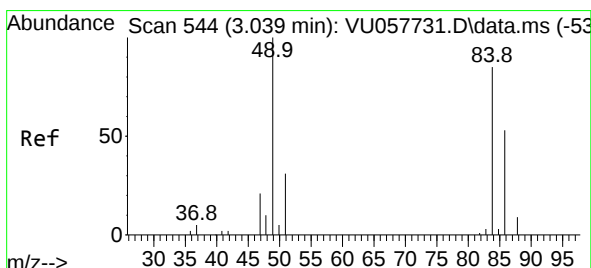
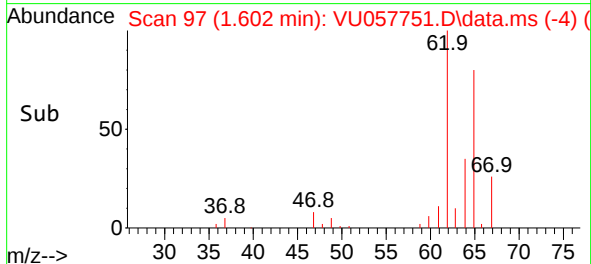
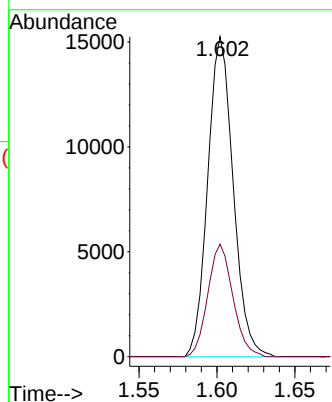
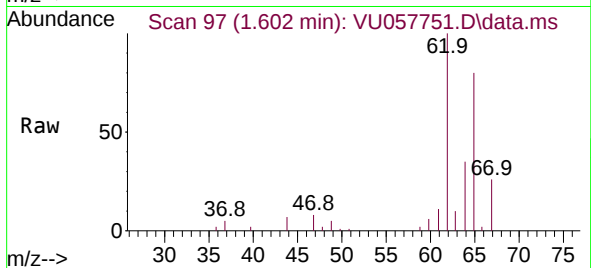
ClientSampleId :

Tgt Ion: 62 Resp: 17334

Ion Ratio Lower Upper

62 100

64 35.1 22.8 42.4



#16

Methylene chloride

Concen: 0.180 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU057751.D

Acq: 30 Jan 2024 18:11

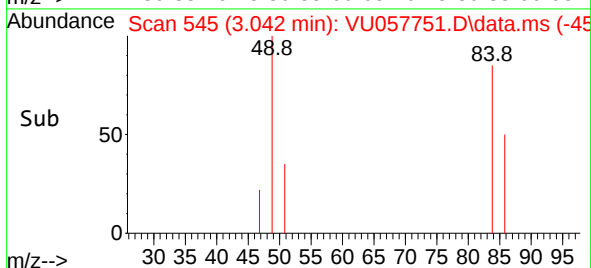
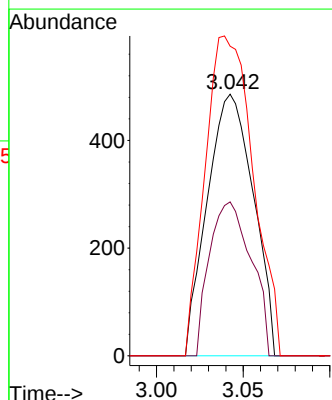
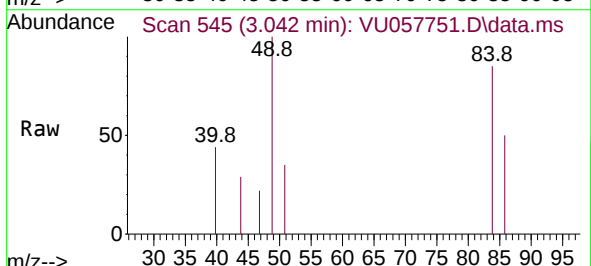
Tgt Ion: 84 Resp: 900

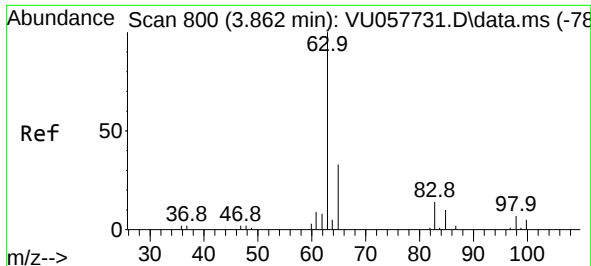
Ion Ratio Lower Upper

84 100

86 58.8 43.5 80.9

49 118.3 82.5 153.1





#19

1,1-Dichloroethane

Concen: 0.735 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU057751.D

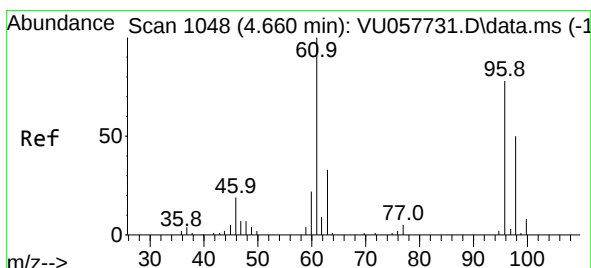
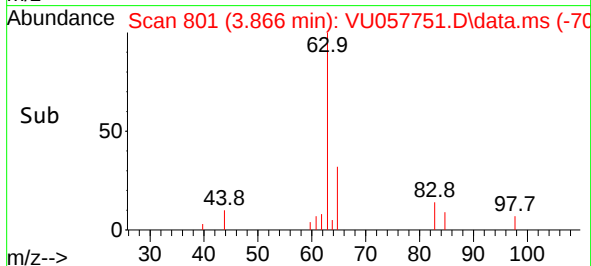
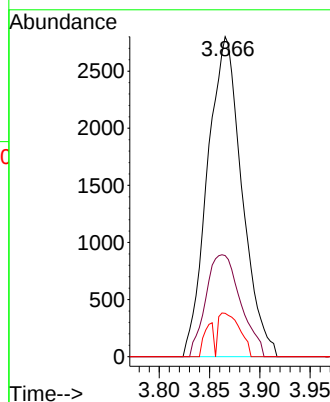
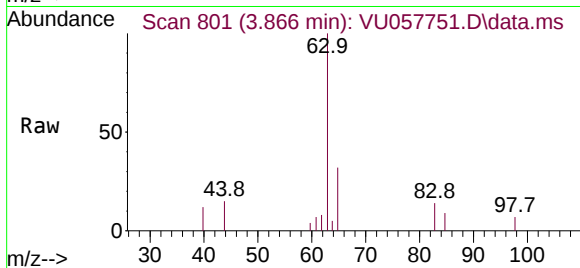
Acq: 30 Jan 2024 18:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 6661
Ion Ratio	Lower Upper
63	100
65	30.1 23.0 42.8
83	12.9 9.7 17.9



#22

cis-1,2-Dichloroethene

Concen: 9.690 ug/L

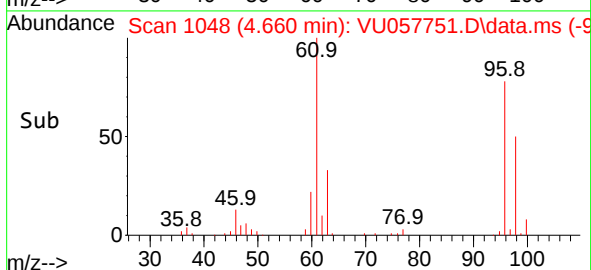
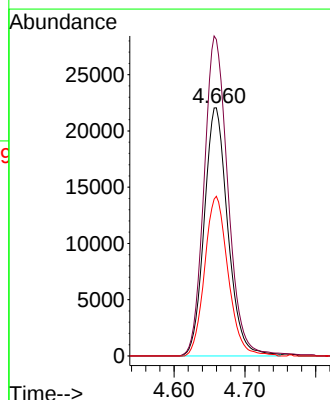
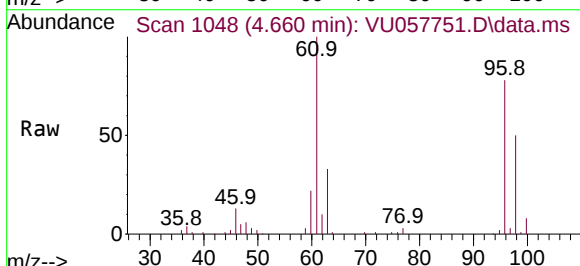
RT: 4.660 min Scan# 1048

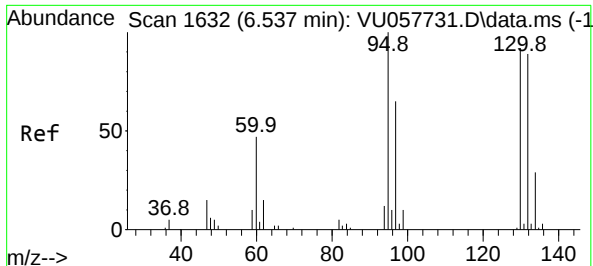
Delta R.T. -0.000 min

Lab File: VU057751.D

Acq: 30 Jan 2024 18:11

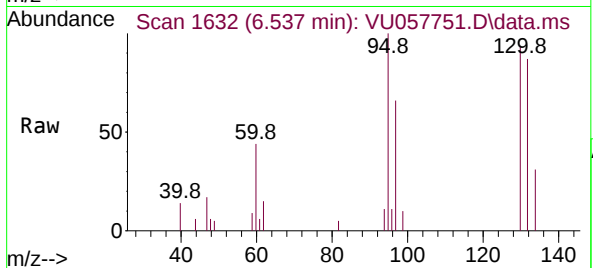
Tgt Ion: 96	Resp: 51151
Ion Ratio	Lower Upper
96	100
61	127.5 92.7 172.1
98	64.3 44.9 83.5





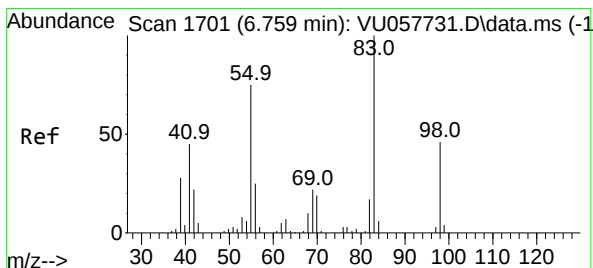
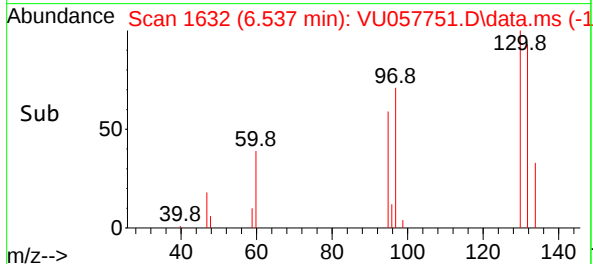
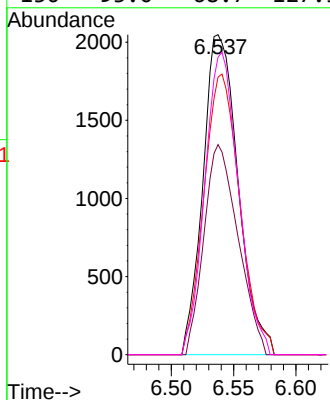
#34
Trichloroethene
Concen: 0.735 ug/L
RT: 6.537 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU057751.D
Acq: 30 Jan 2024 18:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 4026

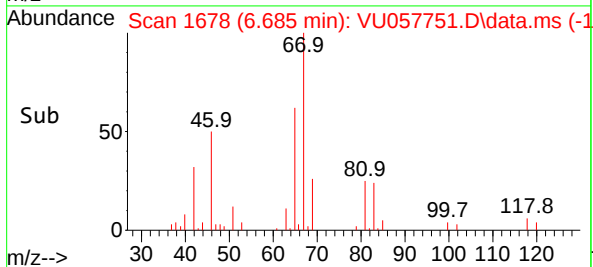
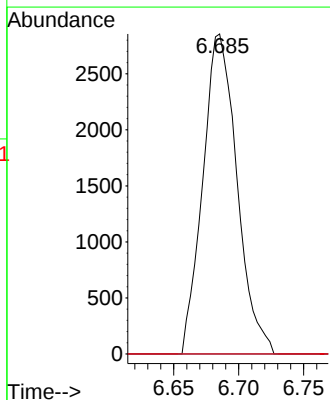
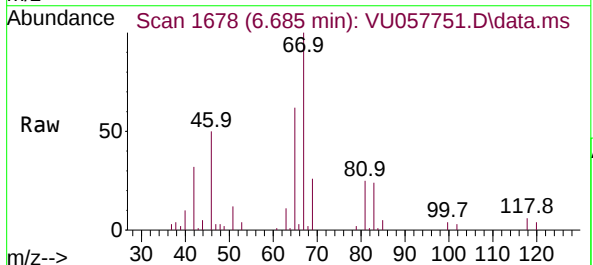
Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.1	85.5
132	86.8	66.1	122.8
130	93.0	68.7	127.5

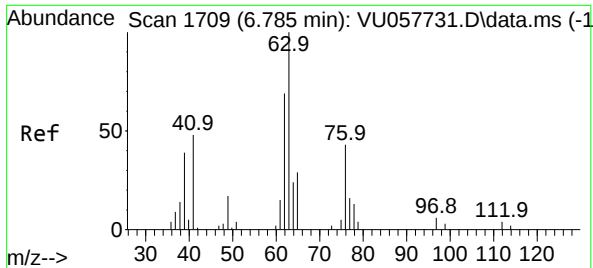


#35
Methylcyclohexane
Concen: 0.591 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057751.D
Acq: 30 Jan 2024 18:11

Tgt Ion: 83 Resp: 5232

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.4	92.0#
98	6.1	38.2	57.4#

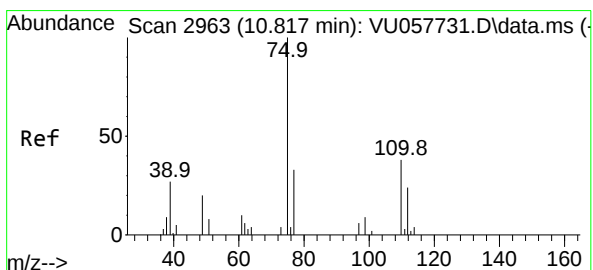
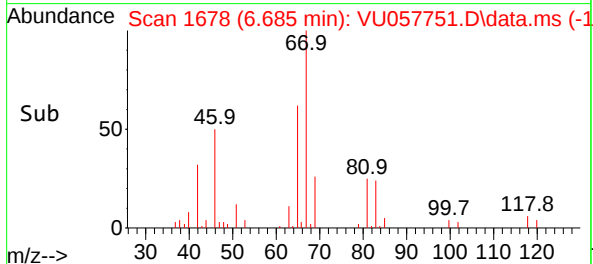
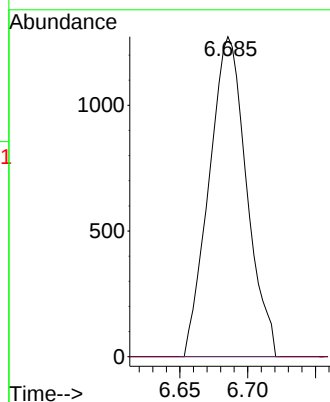
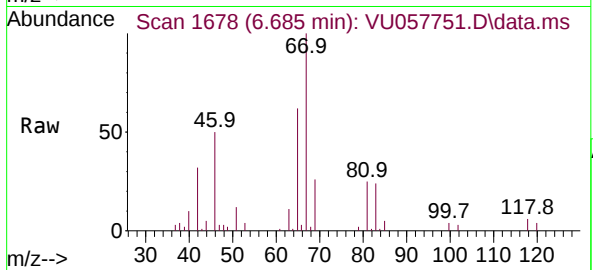




#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057751.D
Acq: 30 Jan 2024 18:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2448
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.307 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057751.D
Acq: 30 Jan 2024 18:11

Tgt Ion: 75 Resp: 3388
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 30.5 25.5 38.3

