

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061751.D
 Acq On : 16 Nov 2024 17:49
 Operator : MD/SY
 Sample : P4804-21DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 00:23:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:17:37 2024
 Response via : Initial Calibration

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

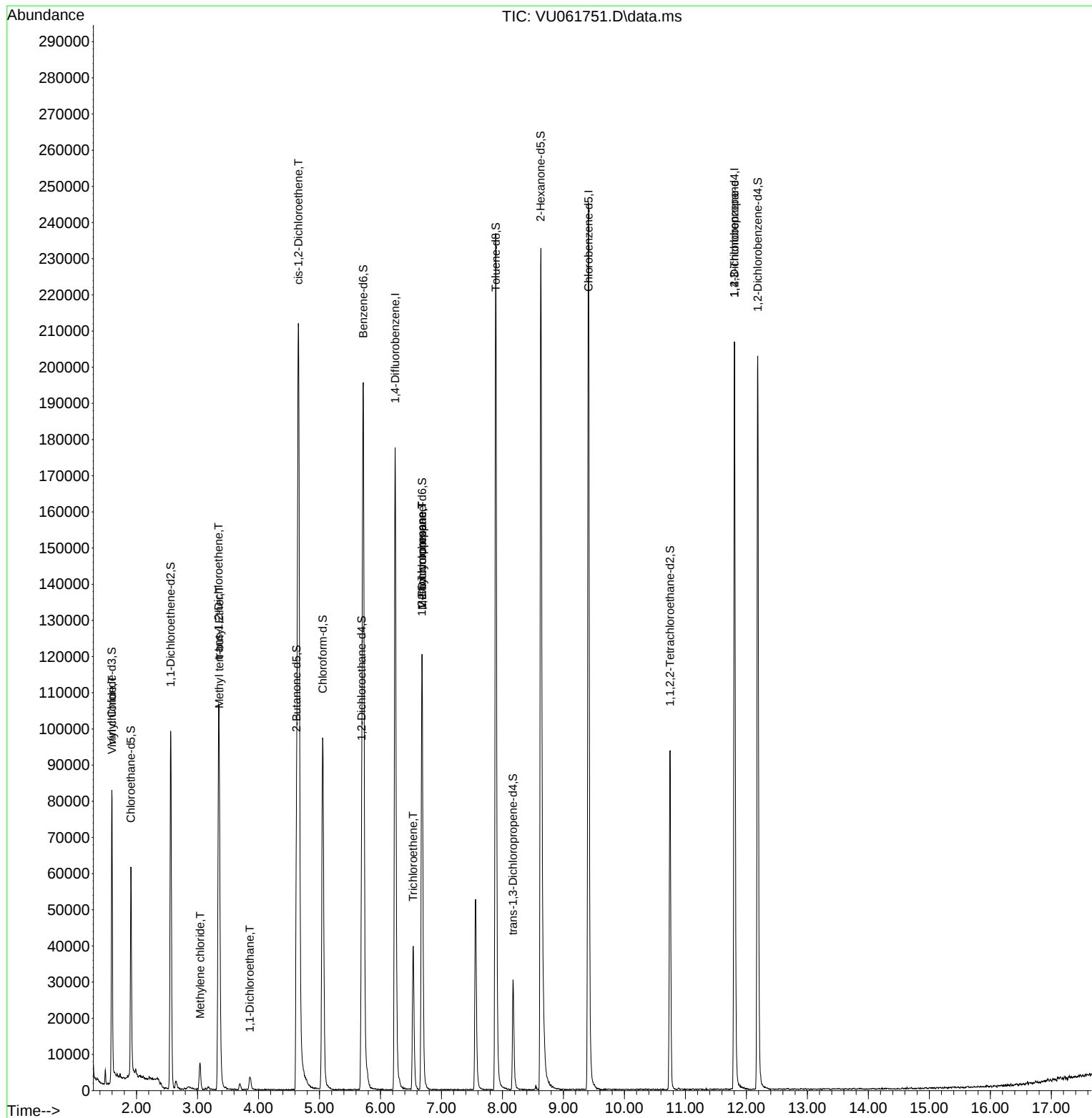
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156697	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39657	3.917	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.400%	
7) Chloroethane-d5	1.907	69	41531	4.805	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.560	65	18004	3.963	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.200%	
20) 2-Butanone-d5	4.624	46	112100	52.166	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.340%	
24) Chloroform-d	5.052	84	95715	4.756	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.692	65	49389	5.114	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.718	84	192273	4.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.682	67	60474	5.100	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.891	98	166777	4.450	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	8.174	79	18763	4.296	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.000%	
46) 2-Hexanone-d5	8.627	63	90681	52.539	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.080%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48538	5.192	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	57142	5.448	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.000%	
Target Compounds						
5) Vinyl chloride	1.599	62	15965	1.369	ug/L #	81
16) Methylene chloride	3.042	84	3712	0.341	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	47026	2.028	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	31775	3.062	ug/L	98
19) 1,1-Dichloroethane	3.859	63	4677	0.247	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	107282	9.168	ug/L	98
34) Trichloroethene	6.537	95	14303	1.204	ug/L	95
35) Methylcyclohexane	6.682	83	13758	0.768	ug/L #	23
37) 1,2-Dichloropropane	6.679	63	6336	0.568	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	7317	1.319	ug/L #	65

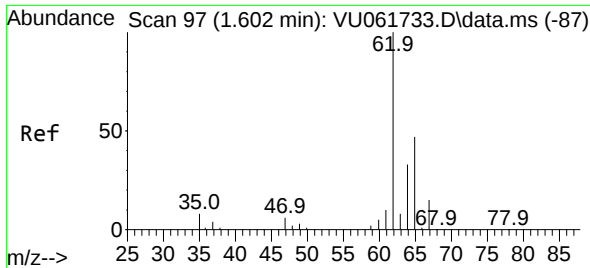
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 00:17:37 2024
Response via : Initial Calibration

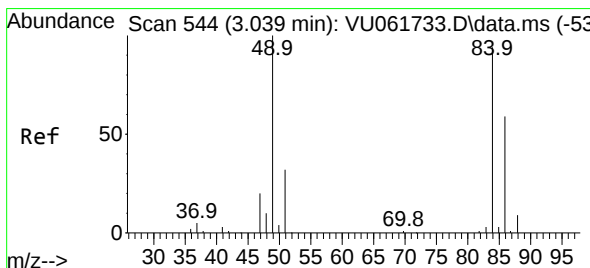
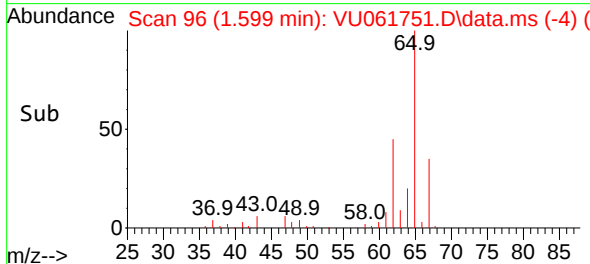
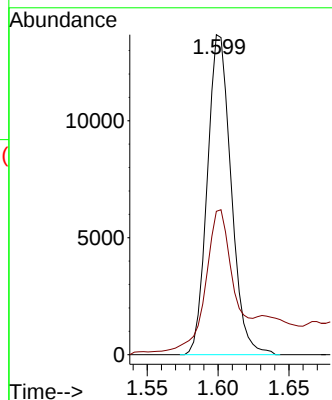
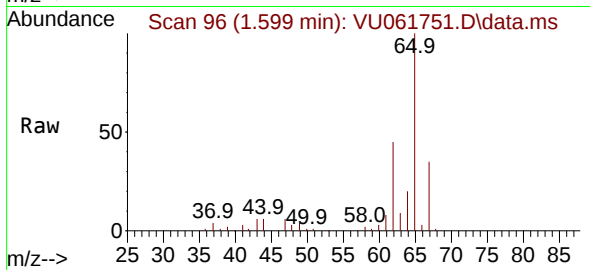




#5
 Vinyl chloride
 Concen: 1.369 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU061751.D
 Acq: 16 Nov 2024 17:49

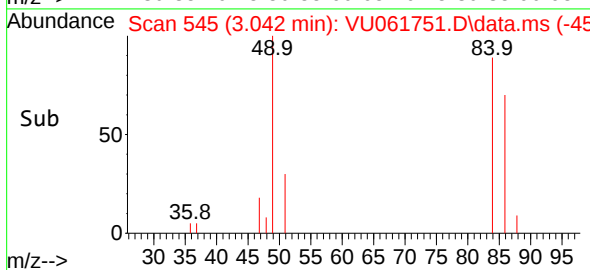
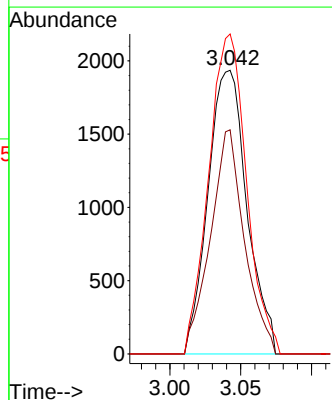
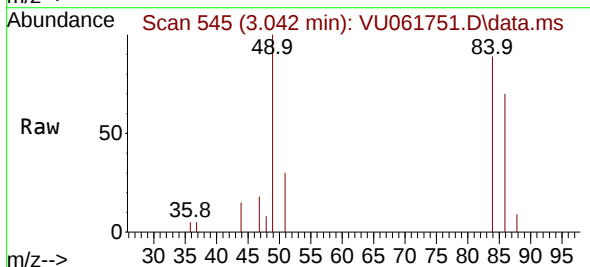
Instrument :
 MSVOA_U
 ClientSampleId :

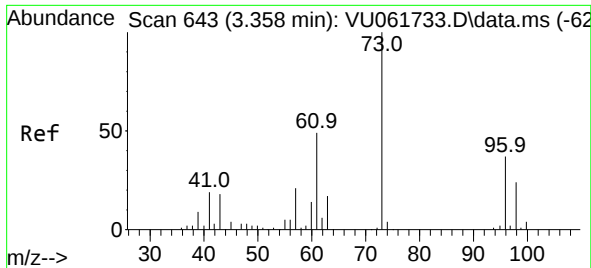
Tgt Ion: 62 Resp: 15965
 Ion Ratio Lower Upper
 62 100
 64 44.8 23.7 44.1#



#16
 Methylene chloride
 Concen: 0.341 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU061751.D
 Acq: 16 Nov 2024 17:49

Tgt Ion: 84 Resp: 3712
 Ion Ratio Lower Upper
 84 100
 86 79.0 45.1 83.7
 49 112.8 76.3 141.7

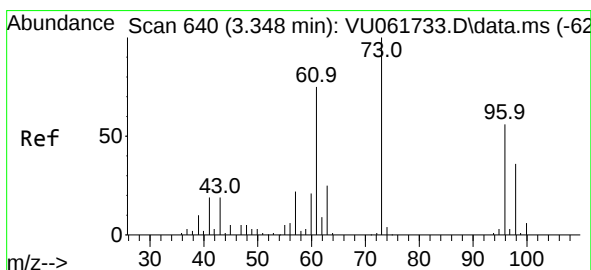
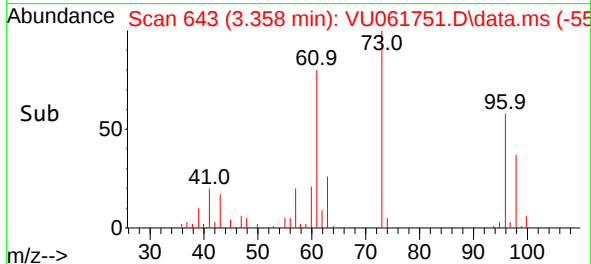
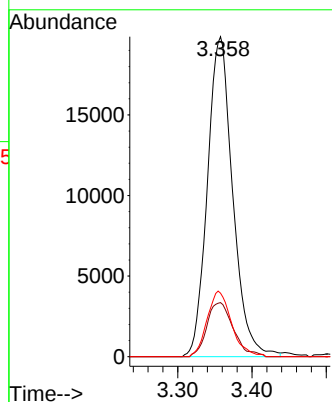
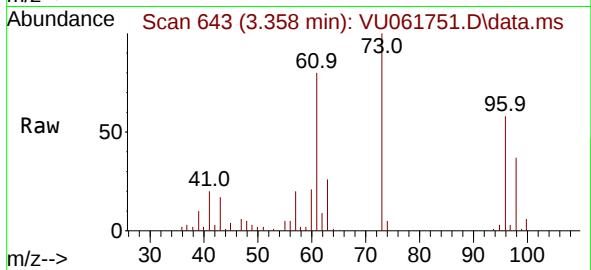




#17
Methyl tert-butyl Ether
Concen: 2.028 ug/L
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU061751.D
Acq: 16 Nov 2024 17:49

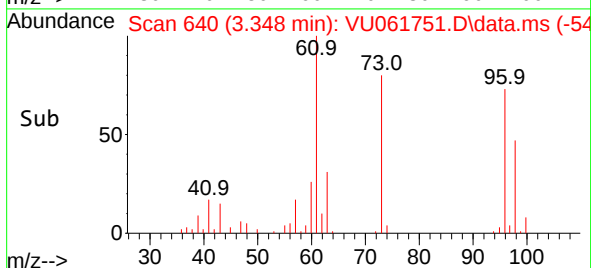
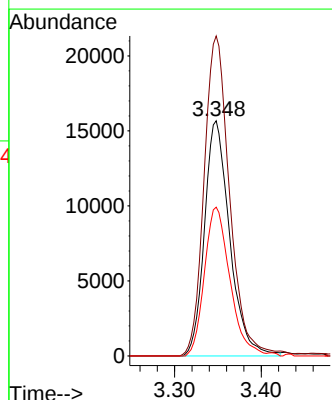
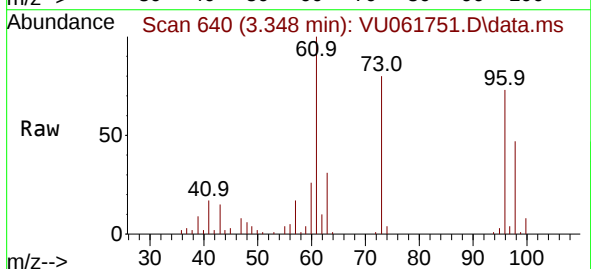
Instrument :
MSVOA_U
ClientSampleId :

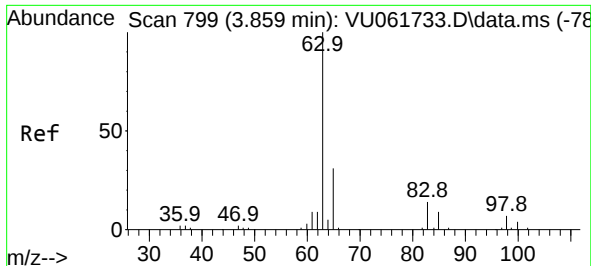
Tgt Ion: 73	Resp: 47026
Ion Ratio	Lower Upper
73 100	
43 17.6	14.2 21.4
57 19.8	16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 3.062 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU061751.D
Acq: 16 Nov 2024 17:49

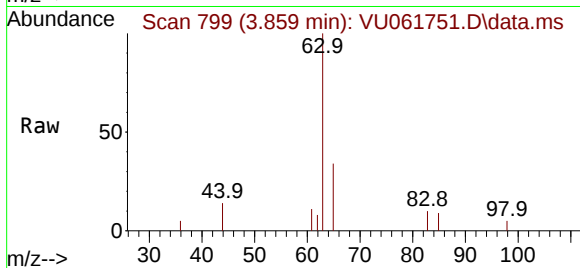
Tgt Ion: 96	Resp: 31775
Ion Ratio	Lower Upper
96 100	
61 136.1	94.1 174.8
98 63.3	43.2 80.2



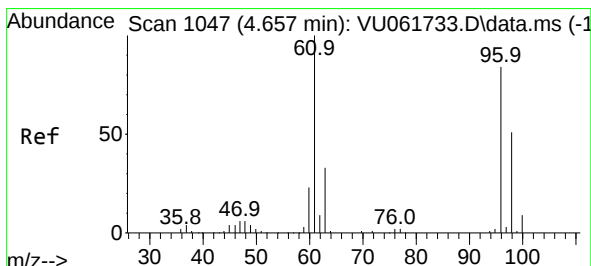
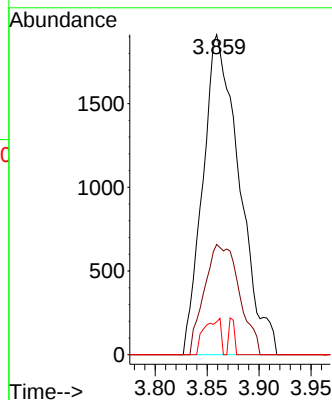
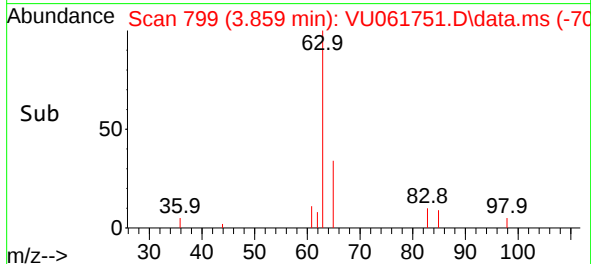


#19
1,1-Dichloroethane
Concen: 0.247 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061751.D
Acq: 16 Nov 2024 17:49

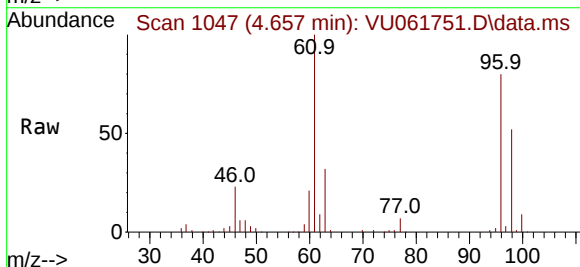
Instrument :
MSVOA_U
ClientSampleId :



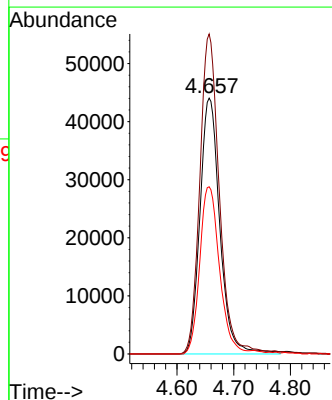
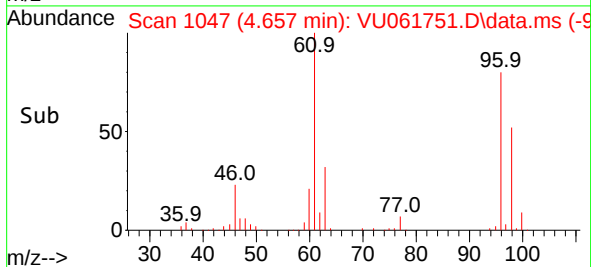
Tgt Ion:	63	Resp:	4677
Ion	Ratio	Lower	Upper
63	100		
65	34.5	23.4	43.4
83	10.3	9.6	17.8

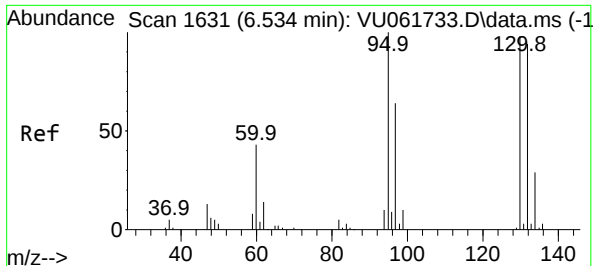


#22
cis-1,2-Dichloroethene
Concen: 9.168 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061751.D
Acq: 16 Nov 2024 17:49



Tgt Ion:	96	Resp:	107282
Ion	Ratio	Lower	Upper
96	100		
61	125.1	85.6	159.0
98	65.4	45.6	84.8





#34

Trichloroethene

Concen: 1.204 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061751.D

Acq: 16 Nov 2024 17:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 14303

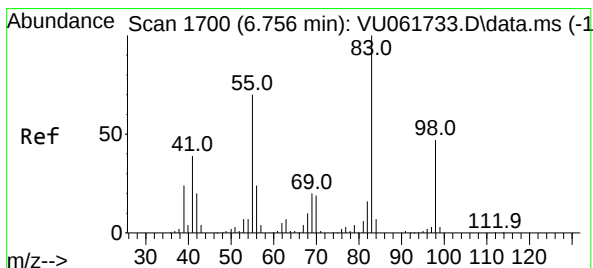
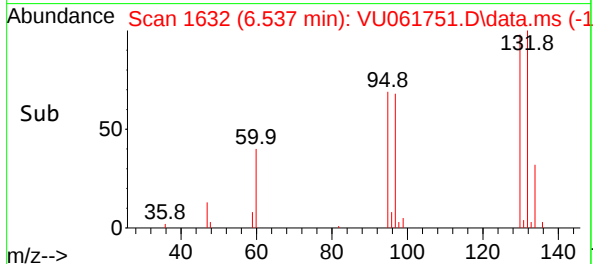
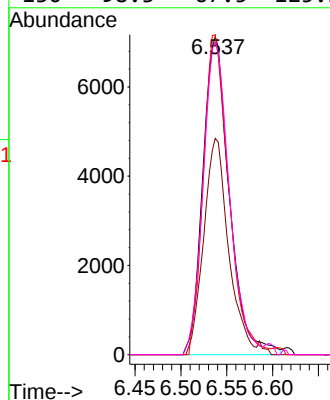
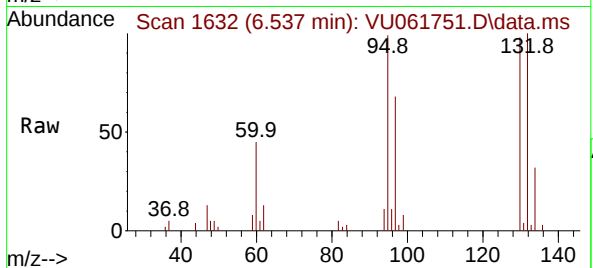
Ion Ratio Lower Upper

95 100

97 68.0 43.5 80.9

132 100.6 65.2 121.0

130 98.3 67.5 125.3



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU061751.D

Acq: 16 Nov 2024 17:49

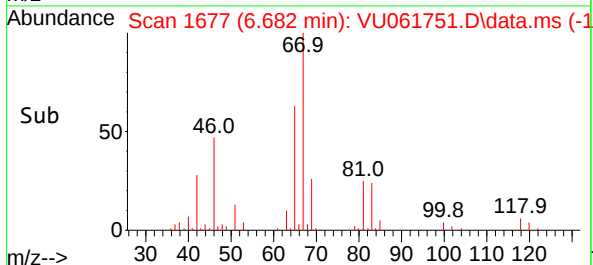
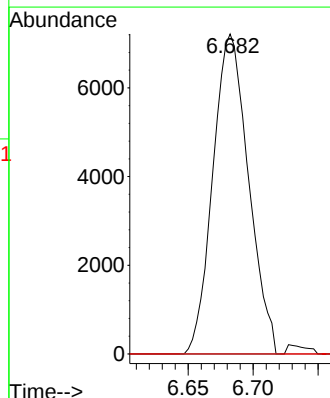
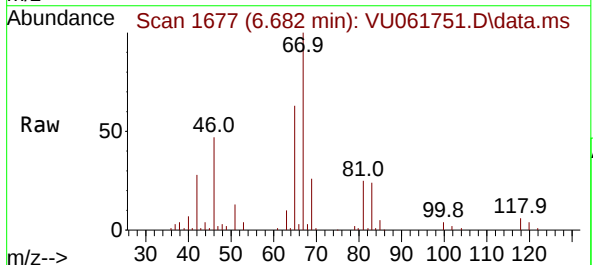
Tgt Ion: 83 Resp: 13758

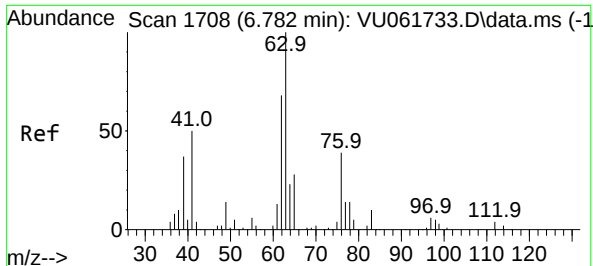
Ion Ratio Lower Upper

83 100

55 0.0 56.4 84.6#

98 4.6 37.7 56.5#

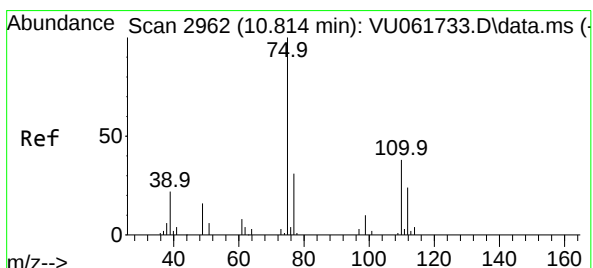
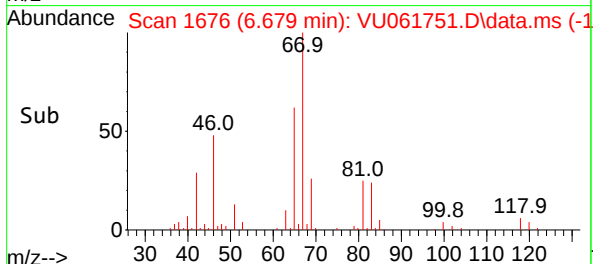
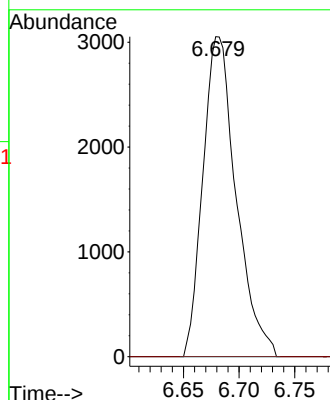
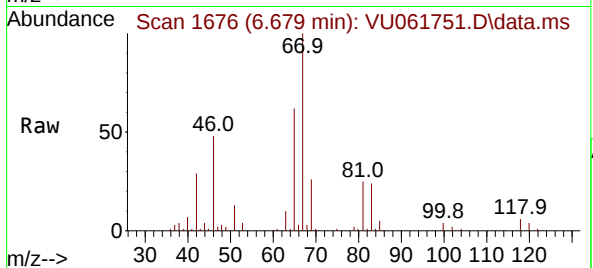




#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.679 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU061751.D
Acq: 16 Nov 2024 17:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6336
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.319 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061751.D
Acq: 16 Nov 2024 17:49

Tgt Ion: 75 Resp: 7317
Ion Ratio Lower Upper
75 100
110 1.0 31.3 46.9#
77 33.8 26.0 39.0

