

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061748.D
 Acq On : 16 Nov 2024 16:36
 Operator : MD/SY
 Sample : P4804-23
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 00:22:25 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)

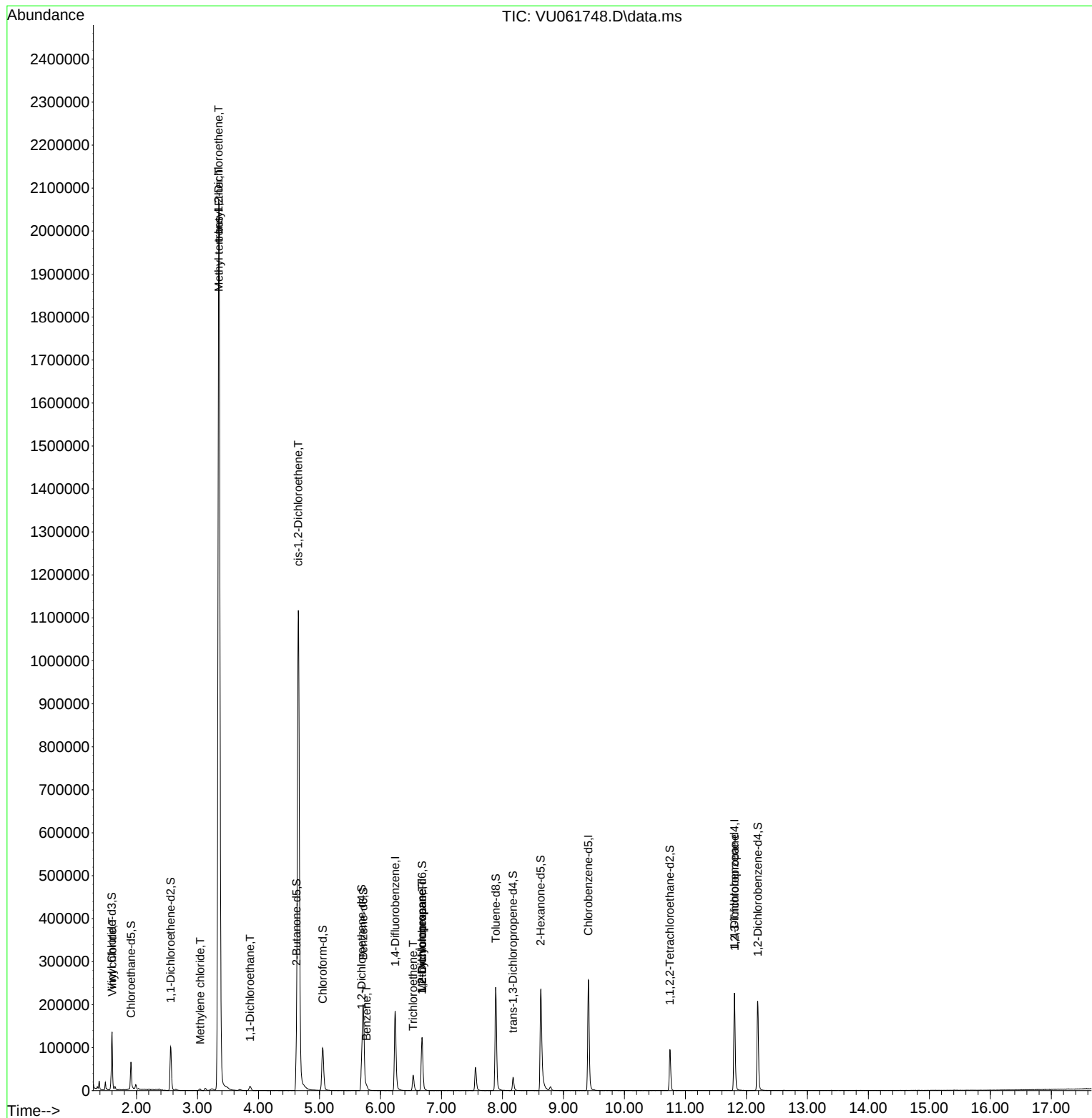
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161937	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	151759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	63202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40006	3.824	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.911	69	43759	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.560	65	18664	3.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.624	46	117275	52.808	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.620%
24) Chloroform-d	5.052	84	95528	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.692	65	49797	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.717	84	197816	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.682	67	61312	4.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.891	98	172521	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.174	79	18504	4.057	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.627	63	89257	49.522	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47886	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	58573	5.203	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	39159	3.250	ug/L	100
16) Methylene chloride	3.046	84	1704	0.151	ug/L	90
17) Methyl tert-butyl Ether	3.351	73	2125498	88.712	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	125333	11.689	ug/L	98
19) 1,1-Dichloroethane	3.862	63	12016	0.615	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	607639	50.249	ug/L	99
33) Benzene	5.775	78	9480	0.206	ug/L	100
34) Trichloroethene	6.534	95	12734	1.027	ug/L	98
35) Methylcyclohexane	6.682	83	13651	0.730	ug/L #	23
37) 1,2-Dichloropropane	6.679	63	6996	0.600	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	8106	1.361	ug/L #	66

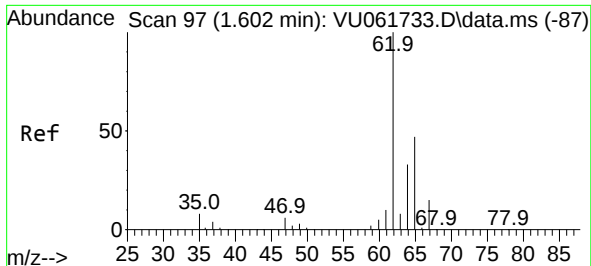
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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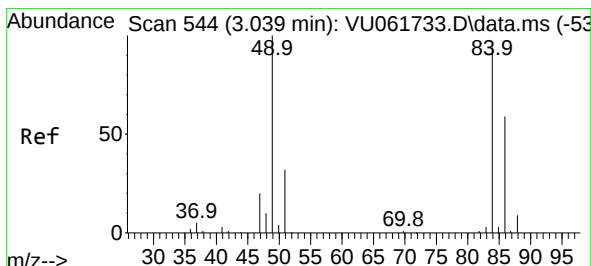
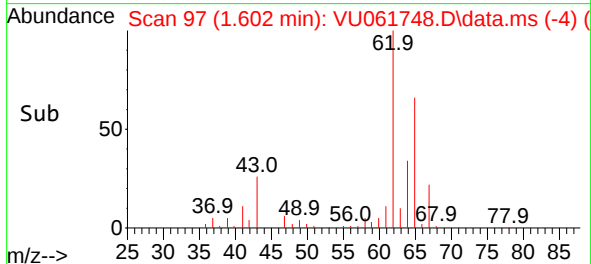
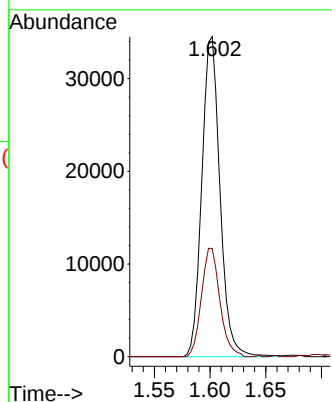
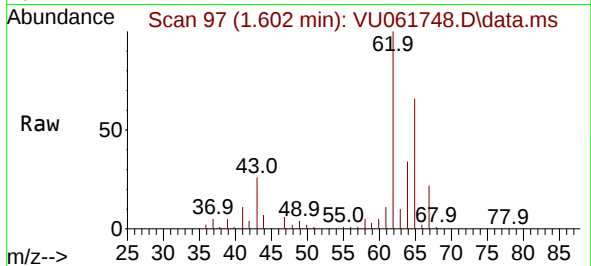




#5
 Vinyl chloride
 Concen: 3.250 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU061748.D
 Acq: 16 Nov 2024 16:36

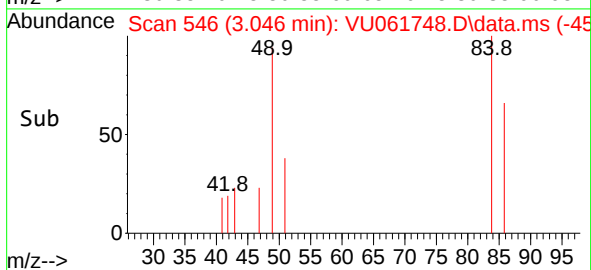
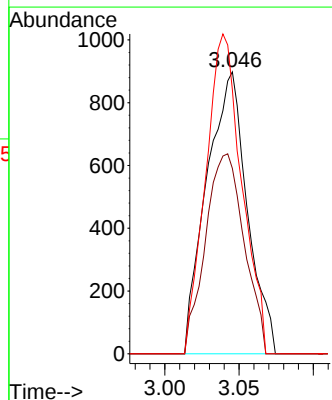
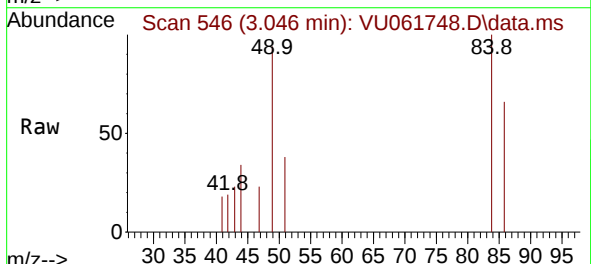
Instrument :
 MSVOA_U
 ClientSampleId :

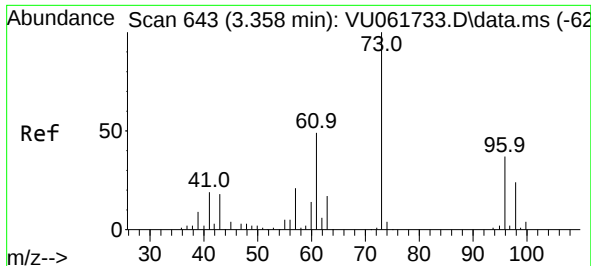
Tgt Ion: 62 Resp: 39159
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.7 44.1



#16
 Methylene chloride
 Concen: 0.151 ug/L
 RT: 3.046 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: VU061748.D
 Acq: 16 Nov 2024 16:36

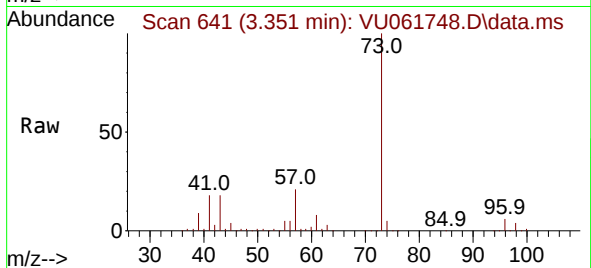
Tgt Ion: 84 Resp: 1704
 Ion Ratio Lower Upper
 84 100
 86 65.8 45.1 83.7
 49 93.8 76.3 141.7



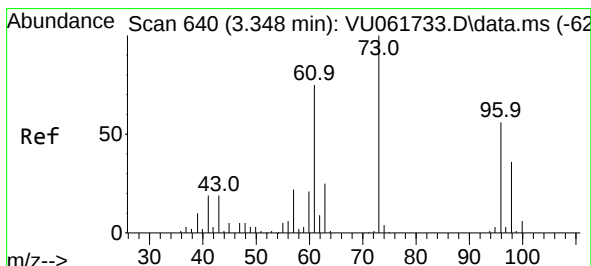
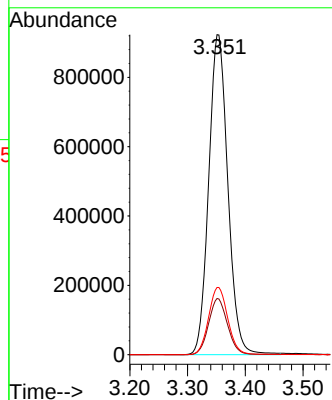
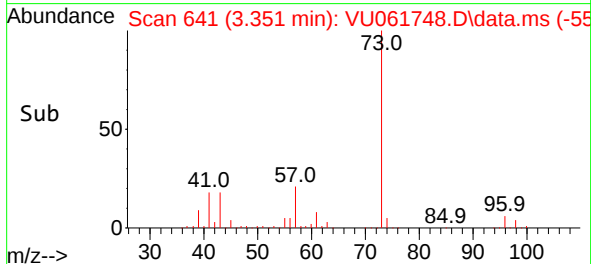


#17
Methyl tert-butyl Ether
Concen: 88.712 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.007 min
Lab File: VU061748.D
Acq: 16 Nov 2024 16:36

Instrument :
MSVOA_U
ClientSampleId :

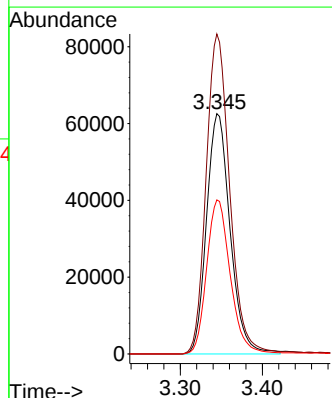
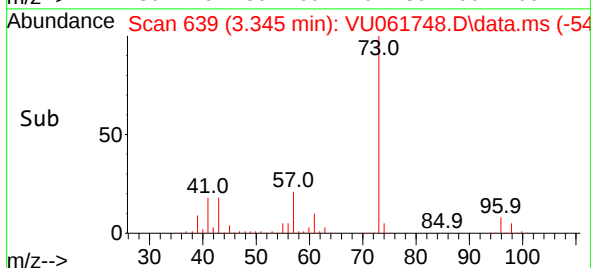
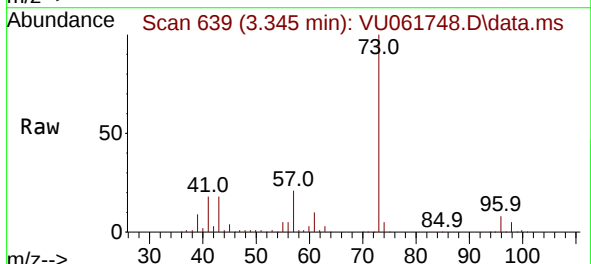


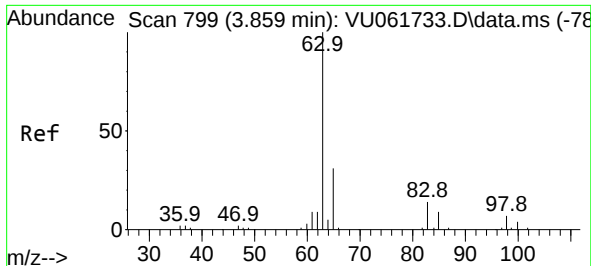
Tgt Ion: 73 Resp: 2125498
Ion Ratio Lower Upper
73 100
43 17.4 14.2 21.4
57 21.2 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 11.689 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061748.D
Acq: 16 Nov 2024 16:36

Tgt Ion: 96 Resp: 125333
Ion Ratio Lower Upper
96 100
61 133.2 94.1 174.8
98 64.1 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.615 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU061748.D

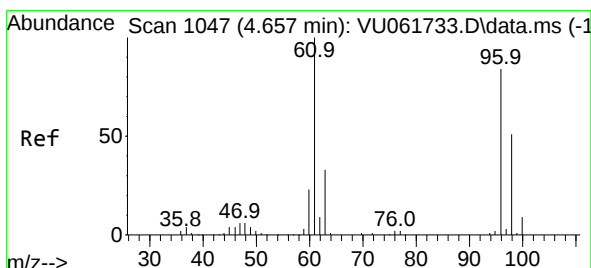
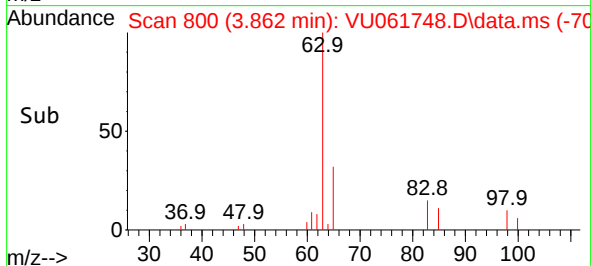
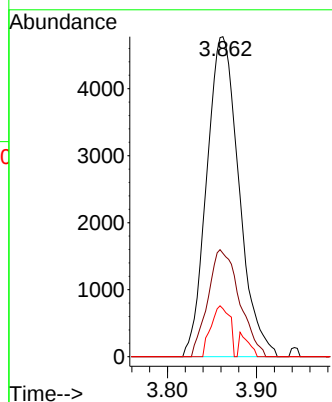
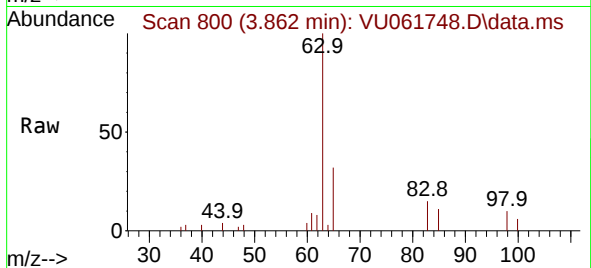
Acq: 16 Nov 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	12016
Ion Ratio	Lower	Upper	
63	100		
65	32.3	23.4	43.4
83	15.0	9.6	17.8



#22

cis-1,2-Dichloroethene

Concen: 50.249 ug/L

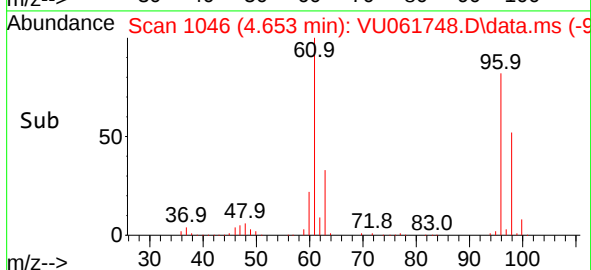
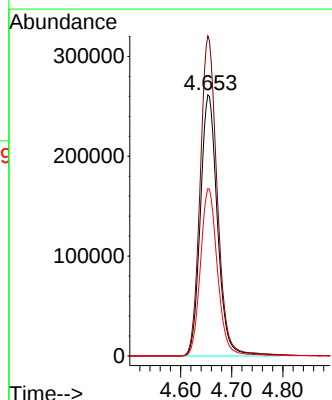
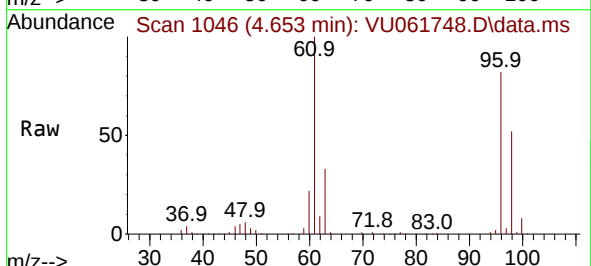
RT: 4.653 min Scan# 1046

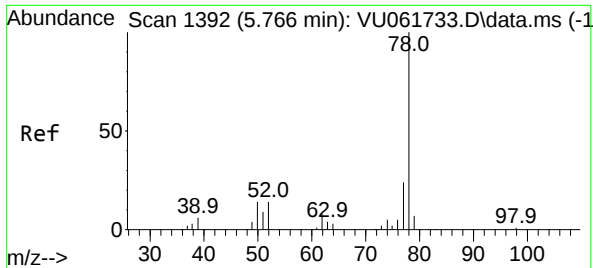
Delta R.T. -0.003 min

Lab File: VU061748.D

Acq: 16 Nov 2024 16:36

Tgt Ion:	96	Resp:	607639
Ion Ratio	Lower	Upper	
96	100		
61	122.6	85.6	159.0
98	64.1	45.6	84.8





#33

Benzene

Concen: 0.206 ug/L

RT: 5.775 min Scan# 11

Delta R.T. 0.009 min

Lab File: VU061748.D

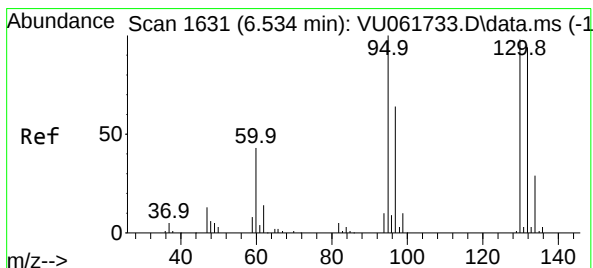
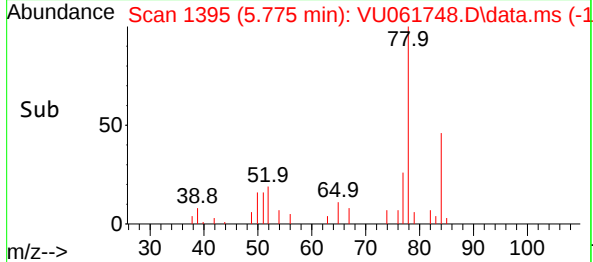
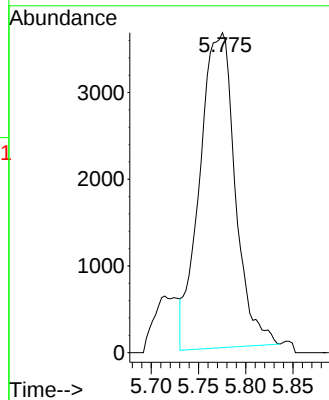
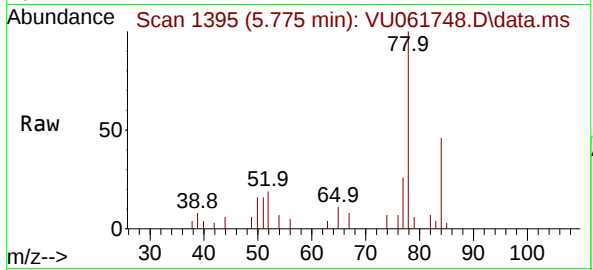
Acq: 16 Nov 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 9480



#34

Trichloroethene

Concen: 1.027 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VU061748.D

Acq: 16 Nov 2024 16:36

Tgt Ion: 95 Resp: 12734

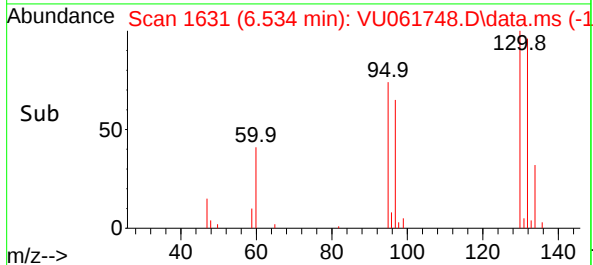
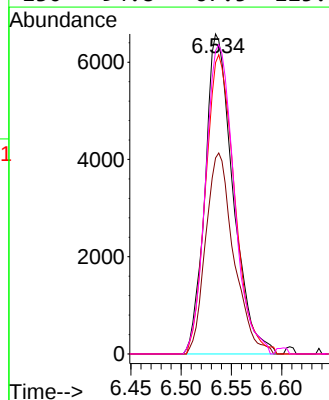
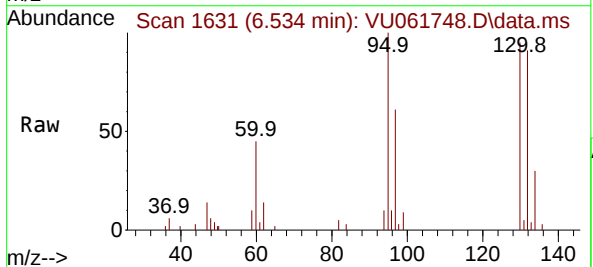
Ion Ratio Lower Upper

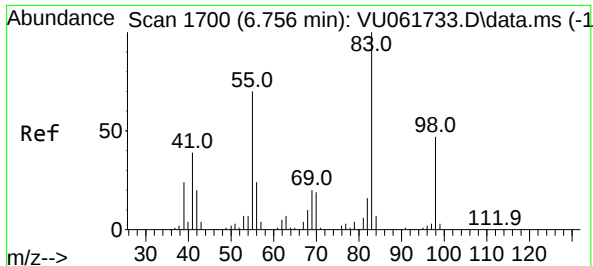
95 100

97 61.3 43.5 80.9

132 91.1 65.2 121.0

130 94.8 67.5 125.3





#35

Methylcyclohexane

Concen: 0.730 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061748.D

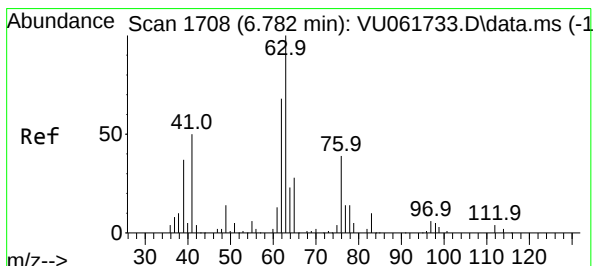
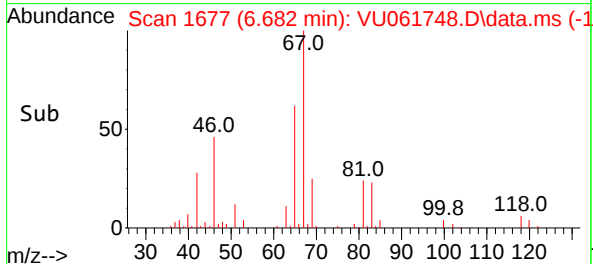
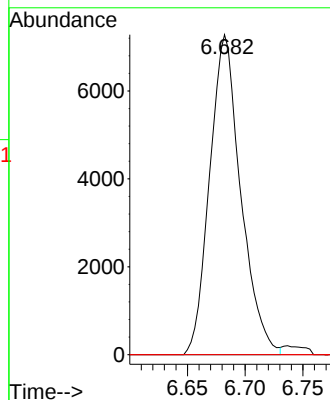
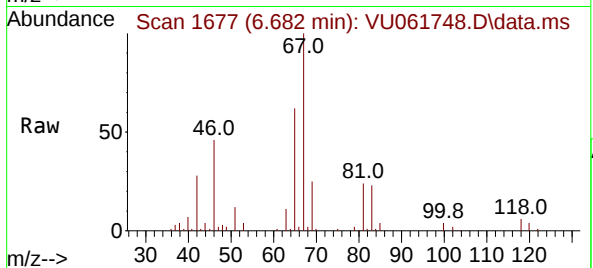
Acq: 16 Nov 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	13651
Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.4	84.6#
98	4.9	37.7	56.5#



#37

1,2-Dichloropropane

Concen: 0.600 ug/L

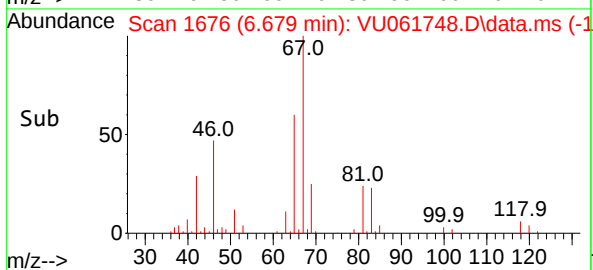
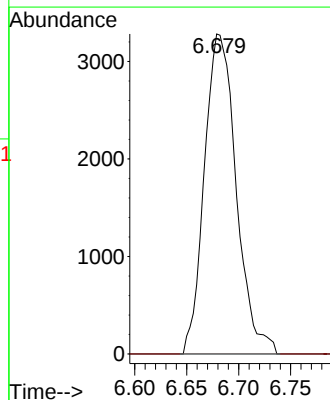
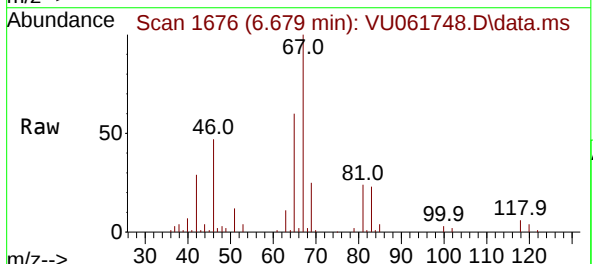
RT: 6.679 min Scan# 1676

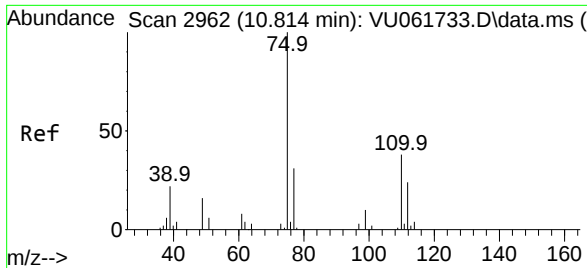
Delta R.T. -0.103 min

Lab File: VU061748.D

Acq: 16 Nov 2024 16:36

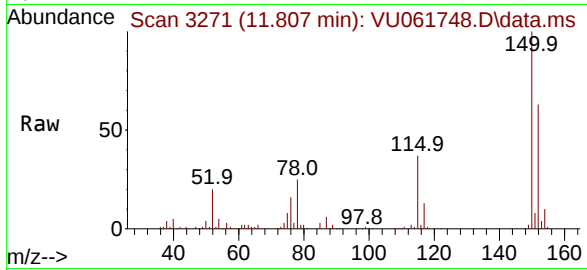
Tgt Ion:	63	Resp:	6996
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.361 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU061748.D
 Acq: 16 Nov 2024 16:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8106
 Ion Ratio Lower Upper
 75 100
 110 1.7 31.3 46.9#
 77 31.9 26.0 39.0

