

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061701.D
 Acq On : 15 Nov 2024 03:57
 Operator : MD/SY
 Sample : P4804-20
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:11:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

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

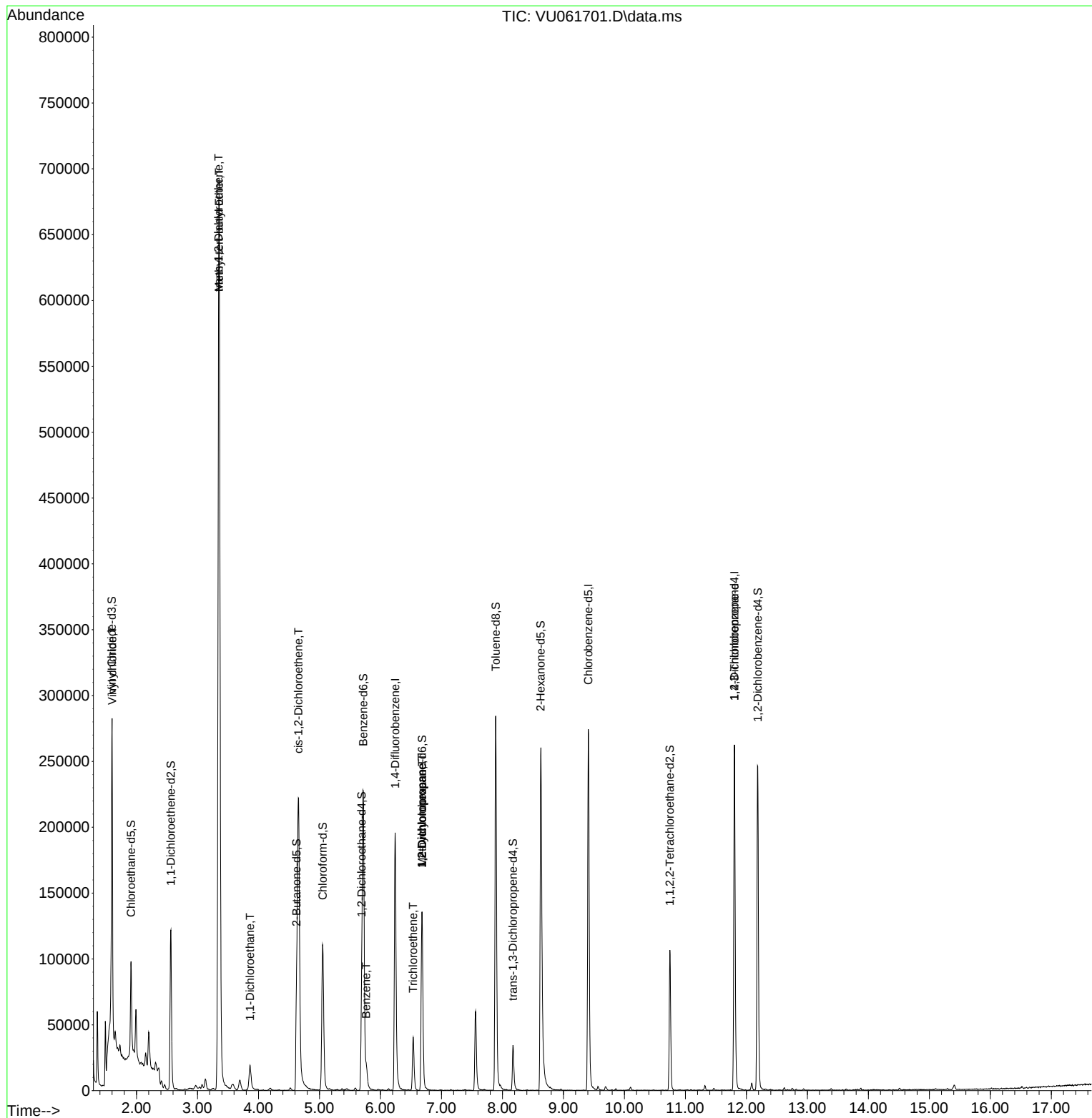
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172507	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	164374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49479	4.439	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.911	69	49430	5.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.563	65	22837	4.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.624	46	124911	52.800	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.600%
24) Chloroform-d	5.052	84	107990	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.692	65	55954	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.718	84	226586	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.682	67	67938	5.065	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.891	98	206182	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.174	79	21639	4.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.627	63	105257	53.918	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54094	5.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	70790	5.337	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	59851	4.663	ug/L #	16
17) Methyl tert-butyl Ether	3.354	73	726067	28.447	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	31044	2.718	ug/L	97
19) 1,1-Dichloroethane	3.862	63	22136	1.063	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	111403	8.648	ug/L	100
33) Benzene	5.766	78	15461	0.311	ug/L	100
34) Trichloroethene	6.537	95	14516	1.081	ug/L	96
35) Methylcyclohexane	6.682	83	16476	0.813	ug/L #	24
37) 1,2-Dichloropropane	6.679	63	7082	0.561	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	8728	1.244	ug/L #	65

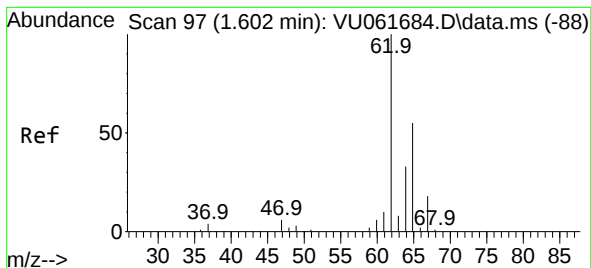
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.663 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061701.D

Acq: 15 Nov 2024 03:57

Instrument :

MSVOA_U

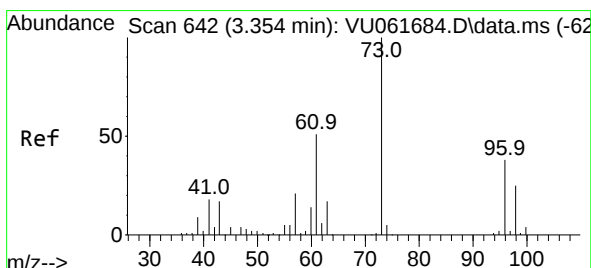
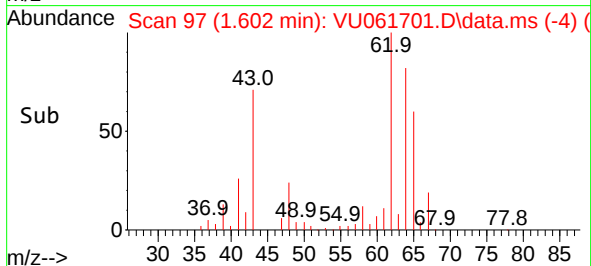
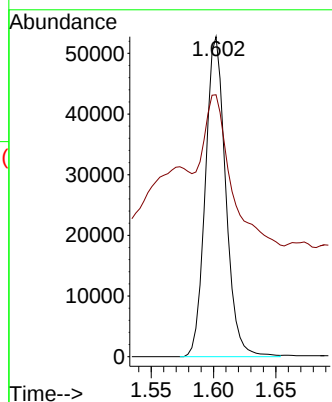
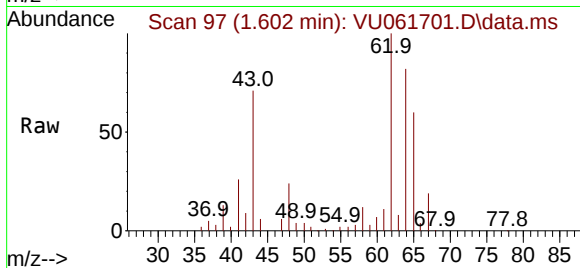
ClientSampleId :

Tgt Ion: 62 Resp: 59851

Ion Ratio Lower Upper

62 100

64 81.9 23.7 44.1#



#17

Methyl tert-butyl Ether

Concen: 28.447 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU061701.D

Acq: 15 Nov 2024 03:57

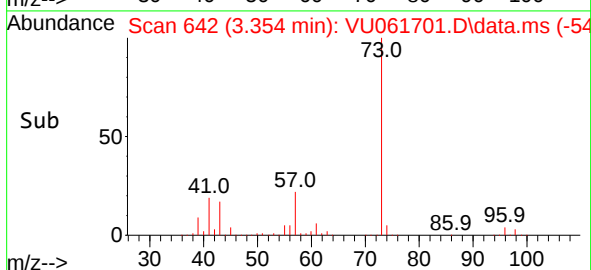
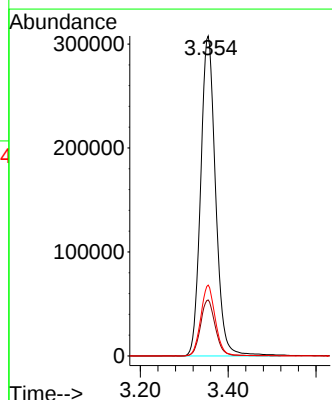
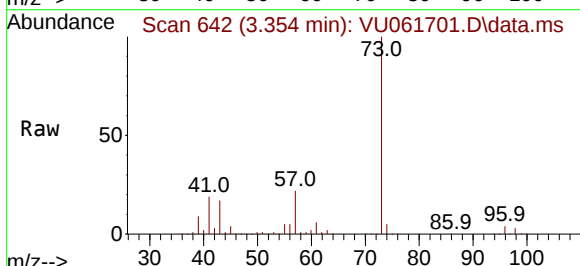
Tgt Ion: 73 Resp: 726067

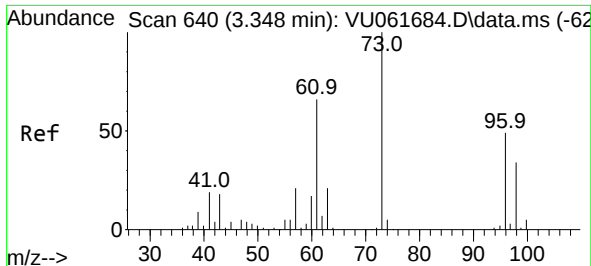
Ion Ratio Lower Upper

73 100

43 17.4 14.2 21.4

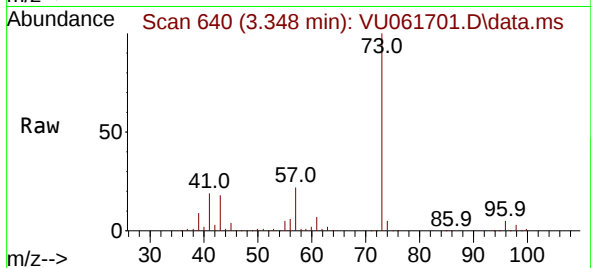
57 21.6 16.9 25.3





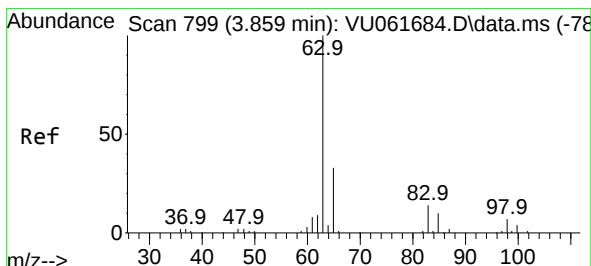
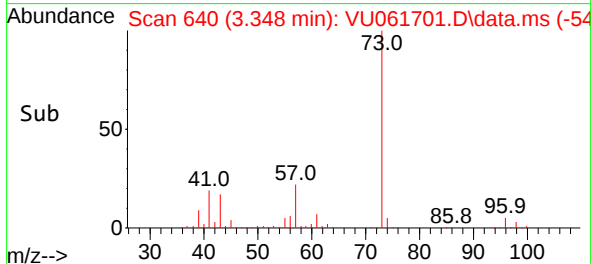
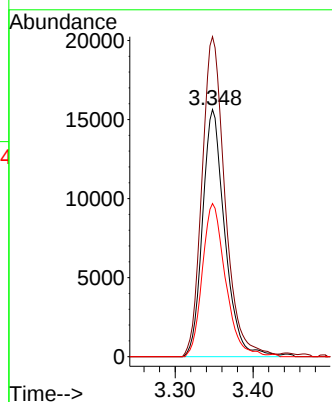
#18
 trans-1,2-Dichloroethene
 Concen: 2.718 ug/L
 RT: 3.348 min Scan# 640
 Delta R.T. 0.000 min
 Lab File: VU061701.D
 Acq: 15 Nov 2024 03:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 31044

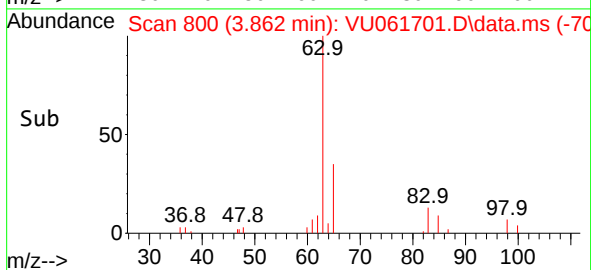
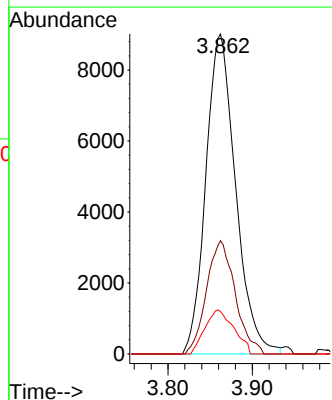
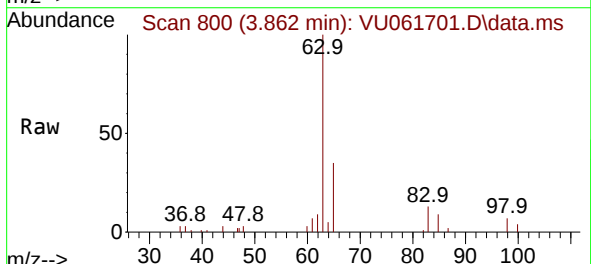
Ion	Ratio	Lower	Upper
96	100		
61	129.4	94.1	174.8
98	61.9	43.2	80.2

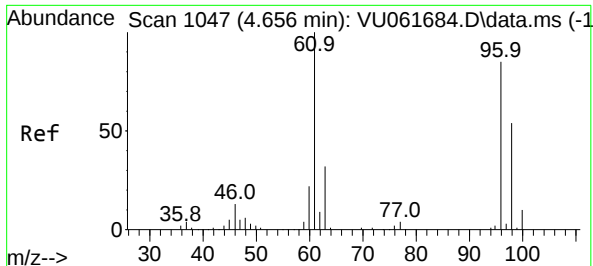


#19
 1,1-Dichloroethane
 Concen: 1.063 ug/L
 RT: 3.862 min Scan# 800
 Delta R.T. 0.003 min
 Lab File: VU061701.D
 Acq: 15 Nov 2024 03:57

Tgt Ion: 63 Resp: 22136

Ion	Ratio	Lower	Upper
63	100		
65	35.4	23.4	43.4
83	13.2	9.6	17.8

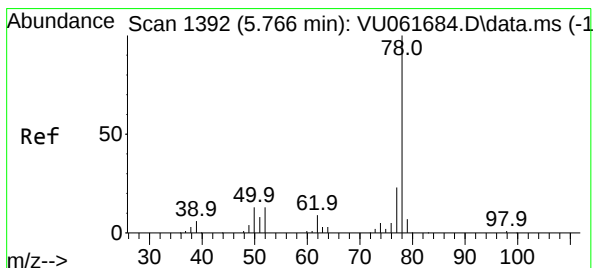
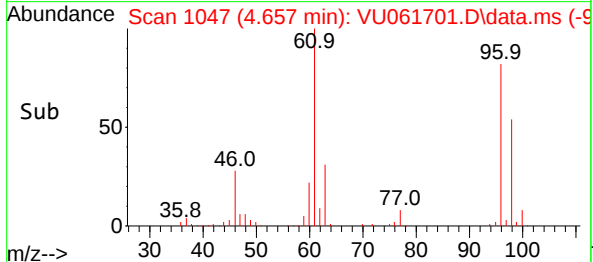
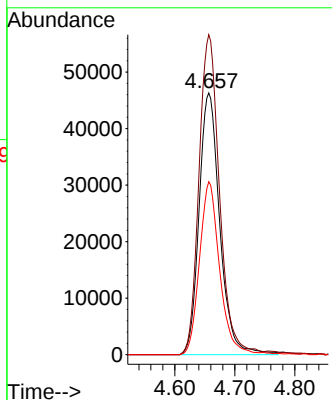
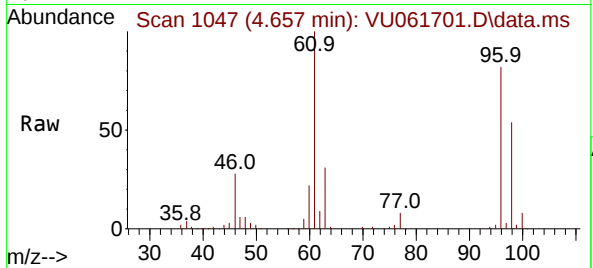




#22
 cis-1,2-Dichloroethene
 Concen: 8.648 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061701.D
 Acq: 15 Nov 2024 03:57

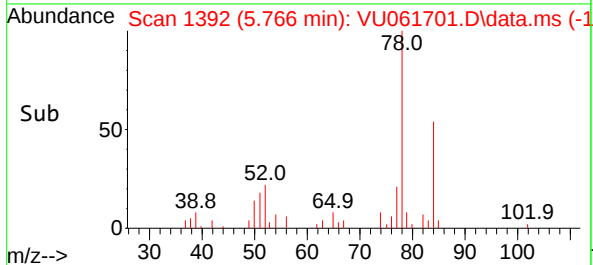
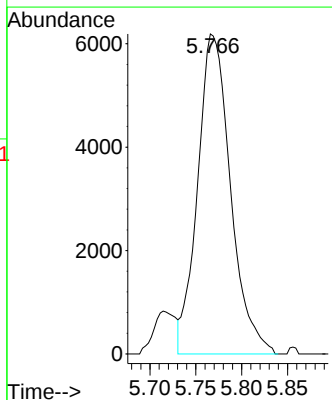
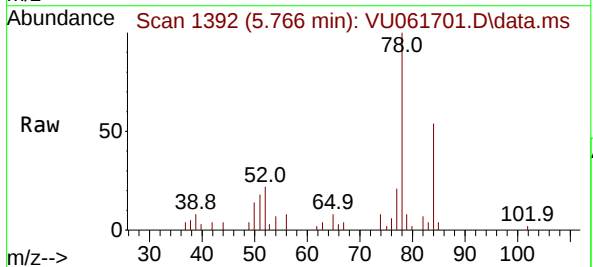
Instrument :
 MSVOA_U
 ClientSampleId :

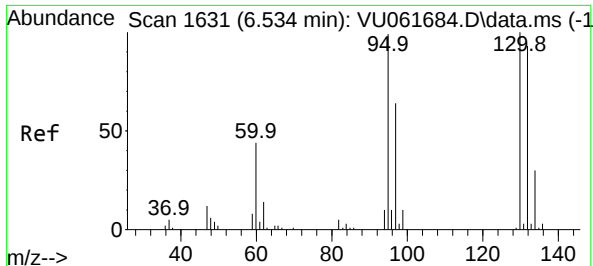
Tgt Ion: 96 Resp: 111403
 Ion Ratio Lower Upper
 96 100
 61 122.2 85.6 159.0
 98 66.1 45.6 84.8



#33
 Benzene
 Concen: 0.311 ug/L
 RT: 5.766 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VU061701.D
 Acq: 15 Nov 2024 03:57

Tgt Ion: 78 Resp: 15461





#34

Trichloroethene

Concen: 1.081 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061701.D

Acq: 15 Nov 2024 03:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 14516

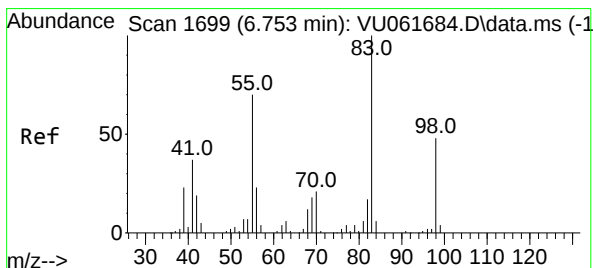
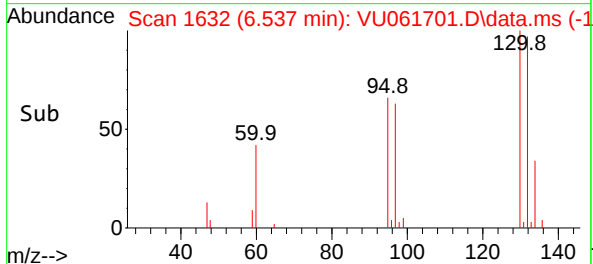
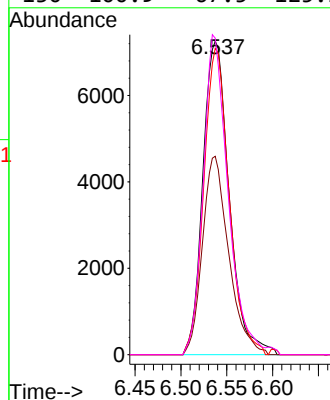
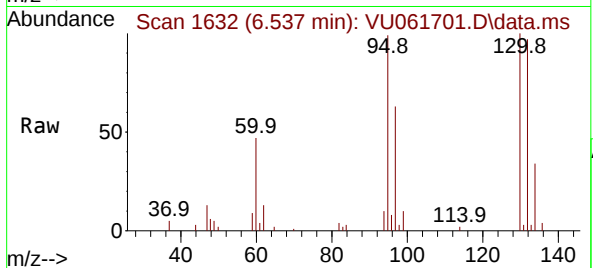
Ion Ratio Lower Upper

95 100

97 63.3 43.5 80.9

132 97.7 65.2 121.0

130 100.9 67.5 125.3



#35

Methylcyclohexane

Concen: 0.813 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061701.D

Acq: 15 Nov 2024 03:57

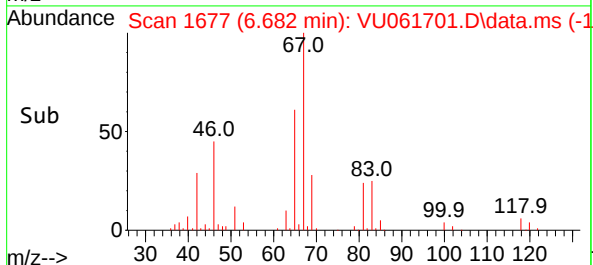
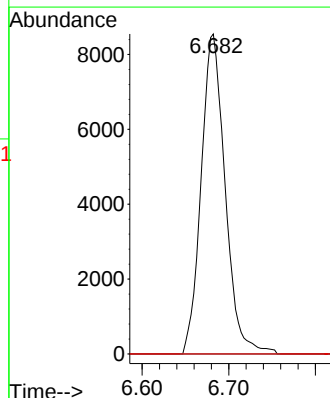
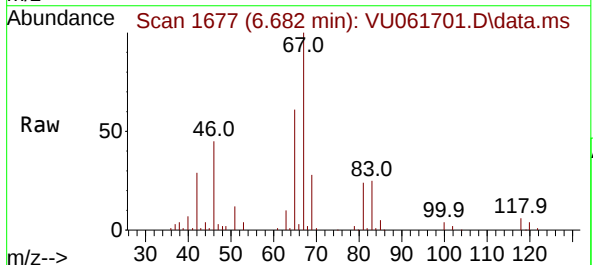
Tgt Ion: 83 Resp: 16476

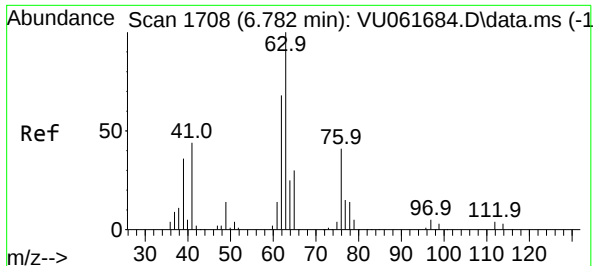
Ion Ratio Lower Upper

83 100

55 1.3 56.4 84.6#

98 4.5 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU061701.D

Acq: 15 Nov 2024 03:57

Instrument :

MSVOA_U

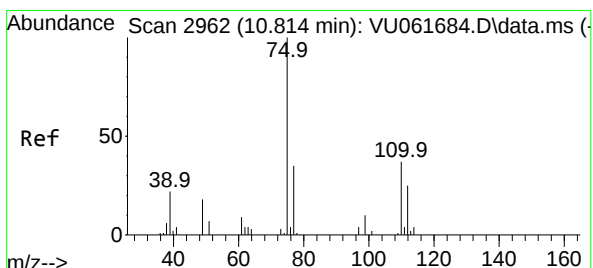
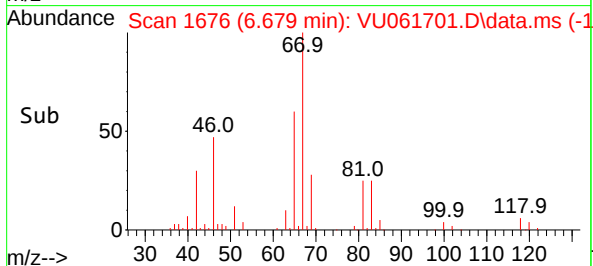
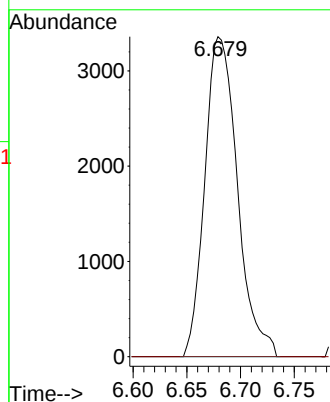
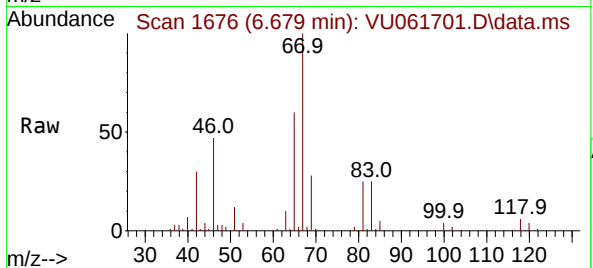
ClientSampleId :

Tgt Ion: 63 Resp: 7082

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 1.244 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061701.D

Acq: 15 Nov 2024 03:57

Tgt Ion: 75 Resp: 8728

Ion Ratio Lower Upper

75 100

110 1.0 31.3 46.9#

77 31.6 26.0 39.0

