

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061675.D
 Acq On : 14 Nov 2024 16:33
 Operator : MD/SY
 Sample : P4804-10DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:47:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

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

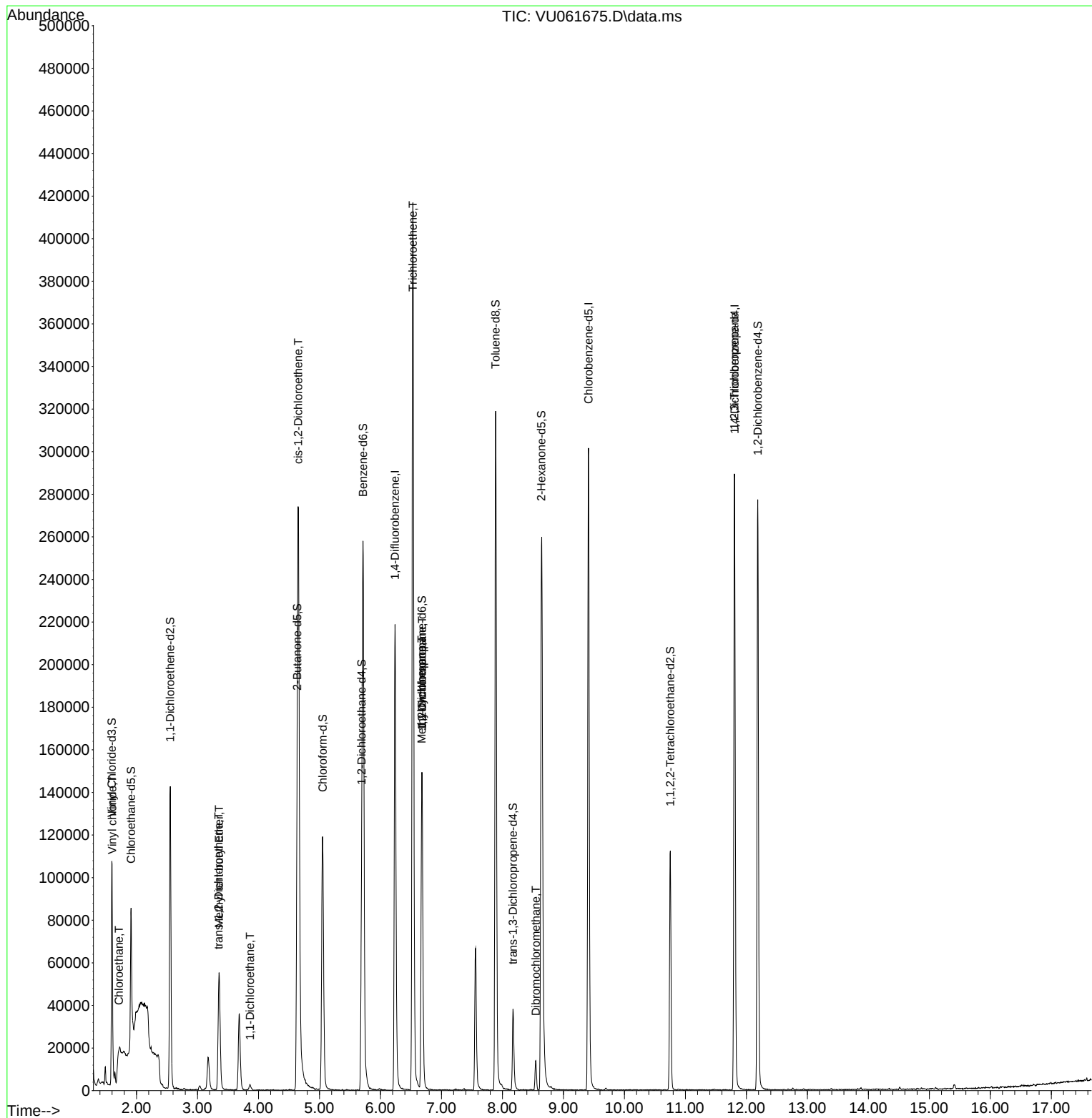
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	191085	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	181662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80699	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56157	4.549	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.000%	
7) Chloroethane-d5	1.911	69	53814	5.106	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.200%	
11) 1,1-Dichloroethene-d2	2.554	65	26341	4.755	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.200%	
20) 2-Butanone-d5	4.634	46	136188	51.970	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.940%	
24) Chloroform-d	5.052	84	115374	4.701	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.692	65	59792	5.077	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.714	84	251667	5.008	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
36) 1,2-Dichloropropane-d6	6.679	67	75182	5.072	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.888	98	229394	4.897	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
43) trans-1,3-Dichloroprop...	8.174	79	23516	4.307	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.200%	
46) 2-Hexanone-d5	8.640	63	115500	53.534	ug/L	0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.060%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	57323	4.906	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	75514	5.254	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	25723	1.809	ug/L	99
8) Chloroethane	1.711	64	35765	3.626	ug/L #	52
17) Methyl tert-butyl Ether	3.354	73	54572	1.930	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	5083	0.402	ug/L	85
19) 1,1-Dichloroethane	3.862	63	3512	0.152	ug/L #	91
22) cis-1,2-Dichloroethene	4.653	96	124530	8.727	ug/L	98
34) Trichloroethene	6.531	95	148317	9.991	ug/L	97
35) Methylcyclohexane	6.676	83	17272	0.771	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	7843	0.562	ug/L #	89
49) Dibromochloromethane	8.547	129	3191	0.299	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	9534	1.254	ug/L #	63

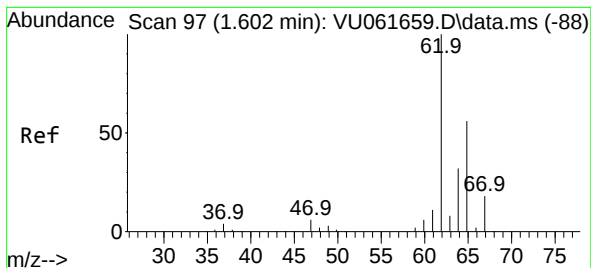
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.809 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061675.D

Acq: 14 Nov 2024 16:33

Instrument :

MSVOA_U

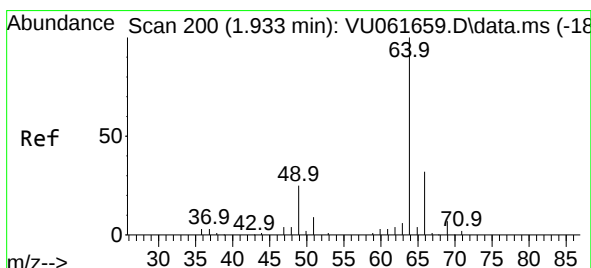
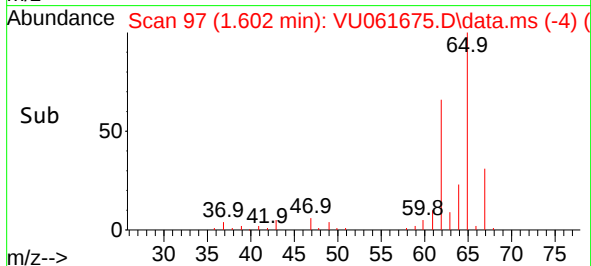
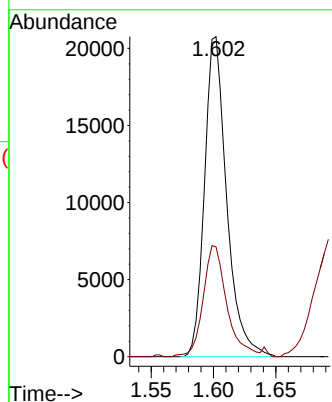
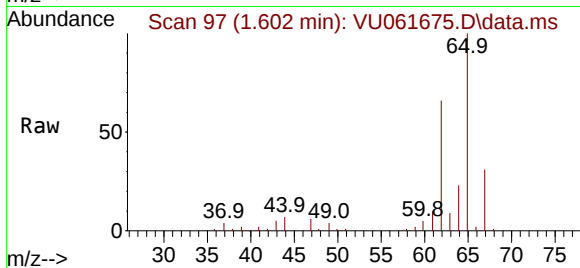
ClientSampleId :

Tgt Ion: 62 Resp: 25723

Ion Ratio Lower Upper

62 100

64 34.3 23.7 44.1



#8

Chloroethane

Concen: 3.626 ug/L

RT: 1.711 min Scan# 131

Delta R.T. -0.222 min

Lab File: VU061675.D

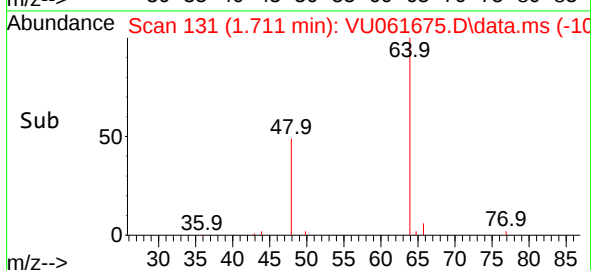
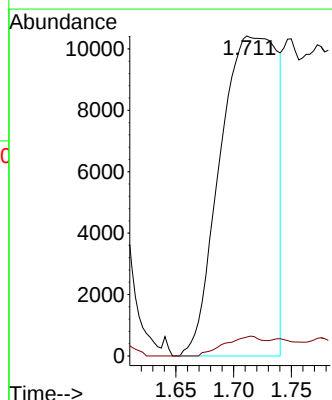
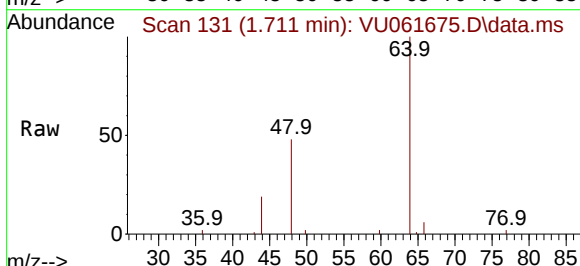
Acq: 14 Nov 2024 16:33

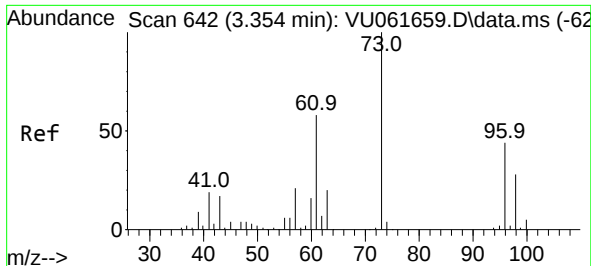
Tgt Ion: 64 Resp: 35765

Ion Ratio Lower Upper

64 100

66 5.8 23.1 42.9#





#17

Methyl tert-butyl Ether

Concen: 1.930 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU061675.D

Acq: 14 Nov 2024 16:33

Instrument :

MSVOA_U

ClientSampleId :

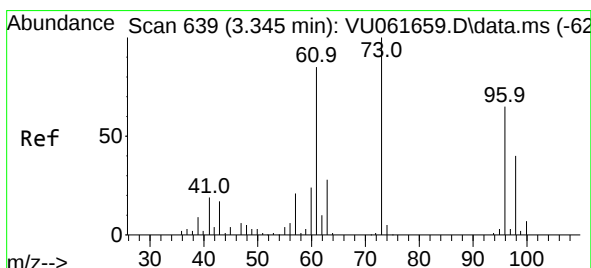
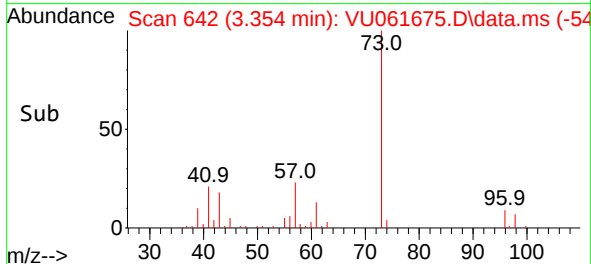
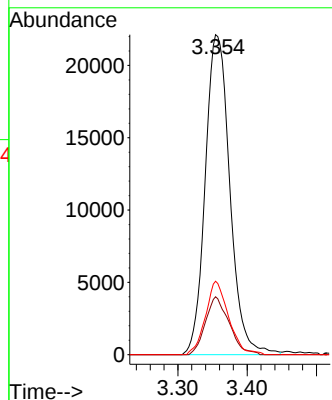
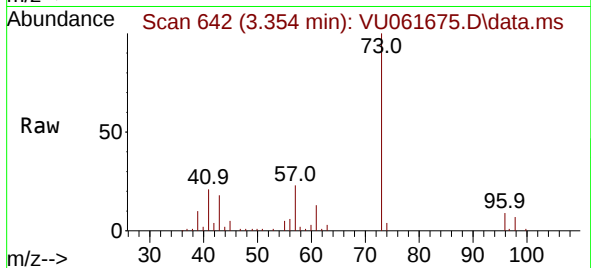
Tgt Ion: 73 Resp: 54572

Ion Ratio Lower Upper

73 100

43 17.4 14.2 21.4

57 21.5 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 0.402 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU061675.D

Acq: 14 Nov 2024 16:33

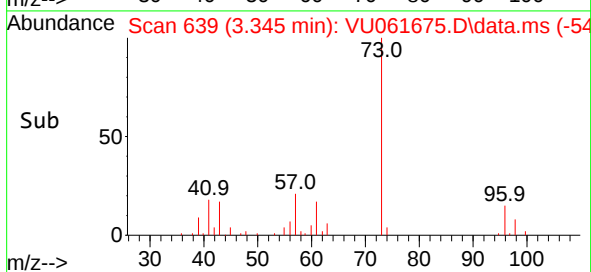
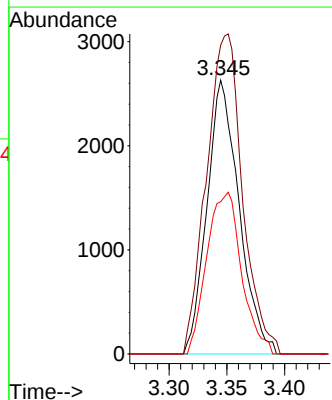
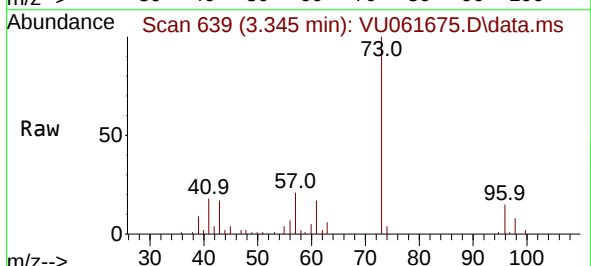
Tgt Ion: 96 Resp: 5083

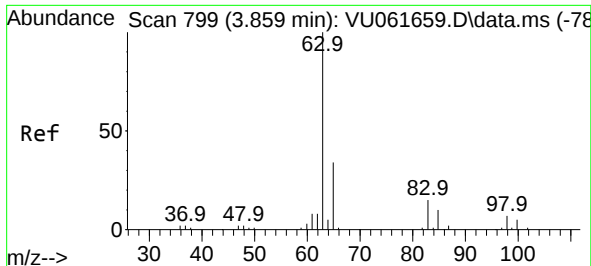
Ion Ratio Lower Upper

96 100

61 112.8 94.1 174.8

98 55.6 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.152 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU061675.D

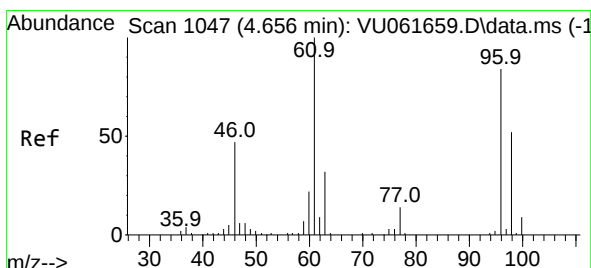
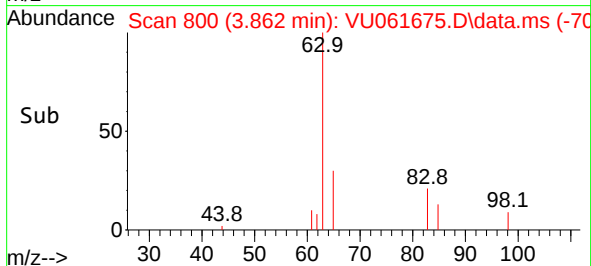
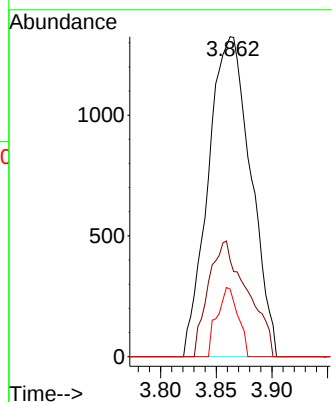
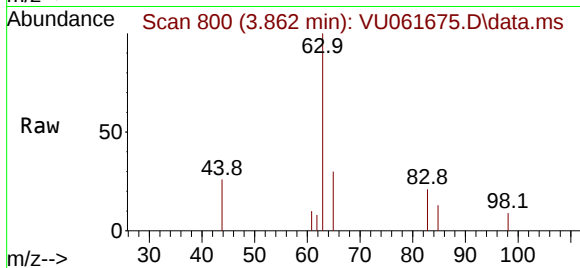
Acq: 14 Nov 2024 16:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 3512
Ion Ratio	Lower Upper
63	100
65	30.1 23.4 43.4
83	21.1 9.6 17.8#



#22

cis-1,2-Dichloroethene

Concen: 8.727 ug/L

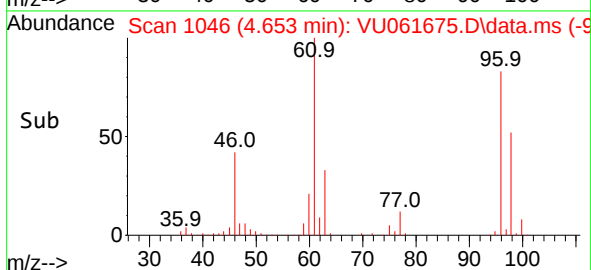
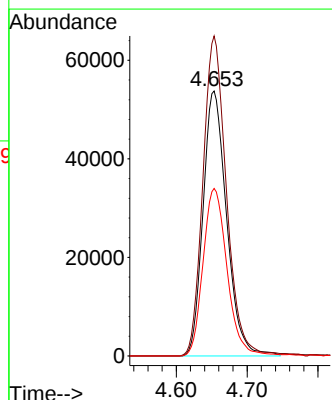
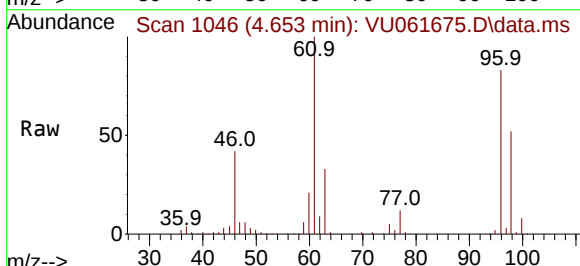
RT: 4.653 min Scan# 1046

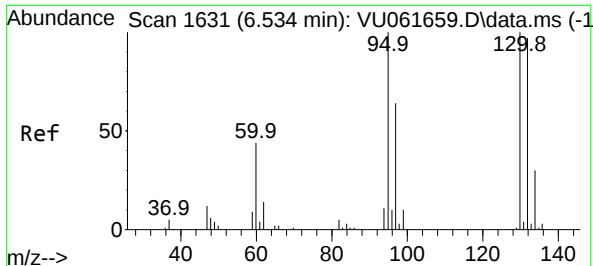
Delta R.T. -0.003 min

Lab File: VU061675.D

Acq: 14 Nov 2024 16:33

Tgt Ion: 96	Resp: 124530
Ion Ratio	Lower Upper
96	100
61	120.8 85.6 159.0
98	63.2 45.6 84.8





#34

Trichloroethene

Concen: 9.991 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061675.D

Acq: 14 Nov 2024 16:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 148317

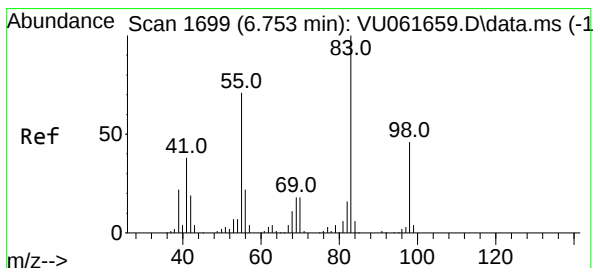
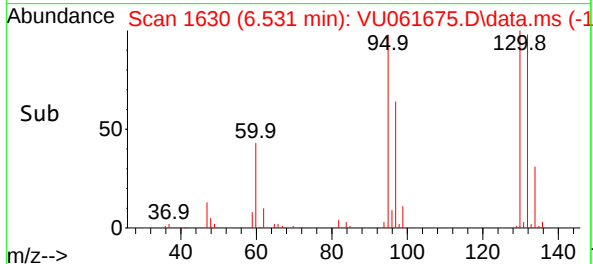
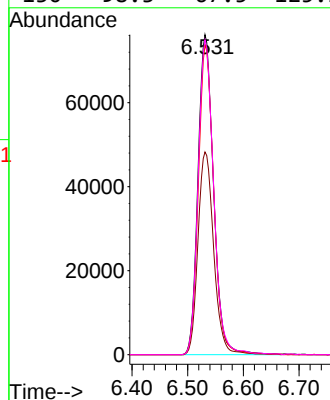
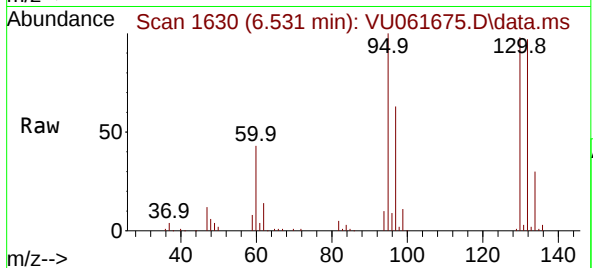
Ion Ratio Lower Upper

95 100

97 63.3 43.5 80.9

132 96.8 65.2 121.0

130 98.3 67.5 125.3



#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.077 min

Lab File: VU061675.D

Acq: 14 Nov 2024 16:33

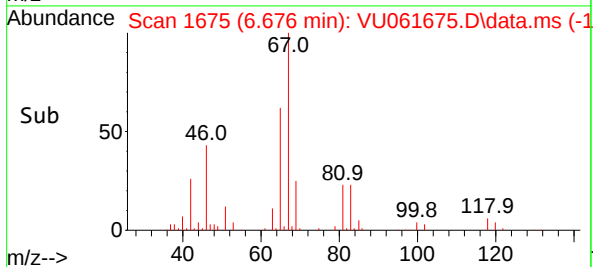
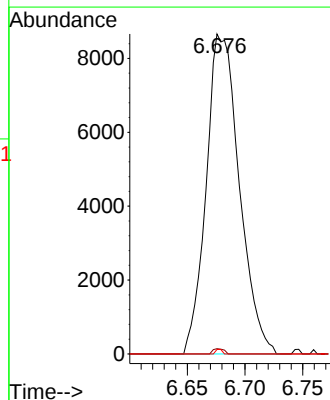
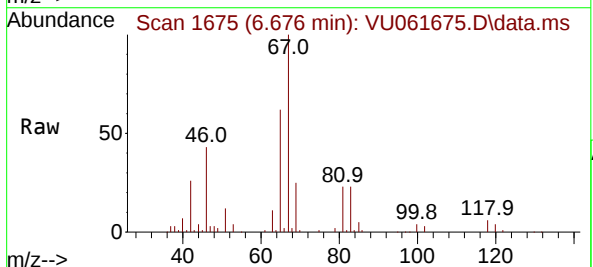
Tgt Ion: 83 Resp: 17272

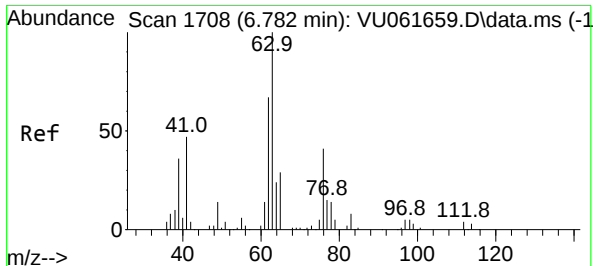
Ion Ratio Lower Upper

83 100

55 0.6 56.4 84.6#

98 0.0 37.7 56.5#

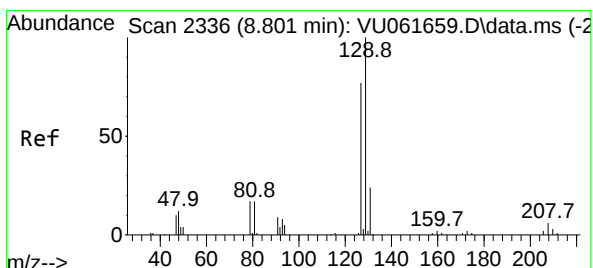
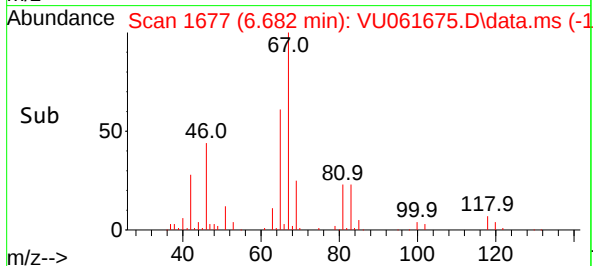
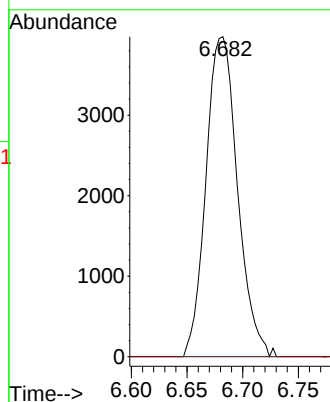
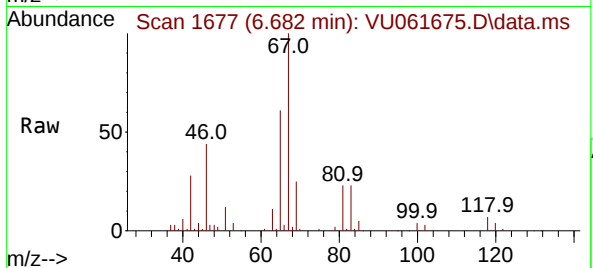




#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061675.D
Acq: 14 Nov 2024 16:33

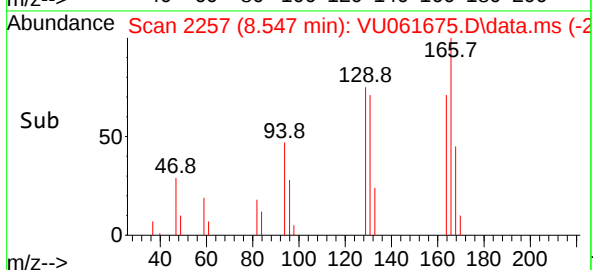
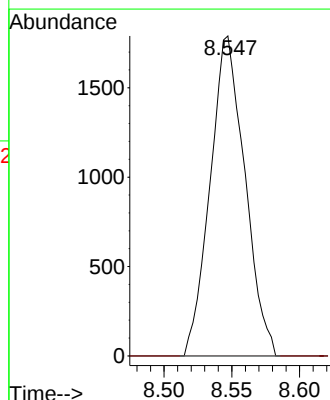
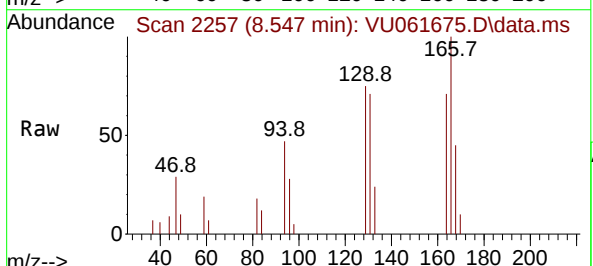
Instrument :
MSVOA_U
ClientSampleId :

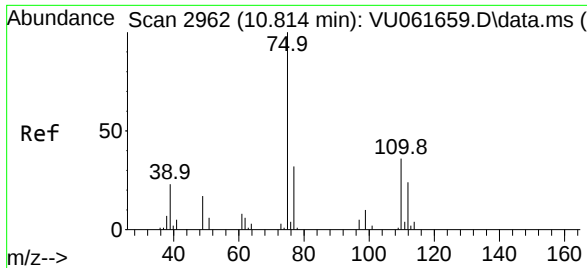
Tgt Ion: 63 Resp: 7843
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#49
Dibromochloromethane
Concen: 0.299 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU061675.D
Acq: 14 Nov 2024 16:33

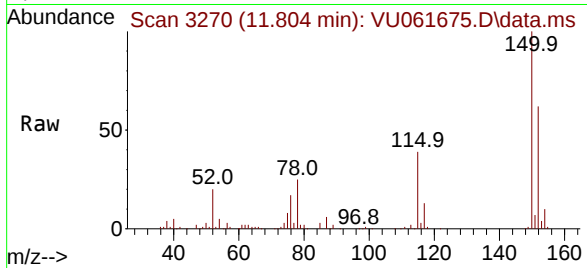
Tgt Ion: 129 Resp: 3191
Ion Ratio Lower Upper
129 100
127 0.0 55.1 102.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.254 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU061675.D
 Acq: 14 Nov 2024 16:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9534
 Ion Ratio Lower Upper
 75 100
 110 0.6 31.3 46.9#
 77 35.1 26.0 39.0

