

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061775.D
 Acq On : 17 Nov 2024 04:39
 Operator : MD/SY
 Sample : P4827-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 04:24:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 04:15:29 2024
 Response via : Initial Calibration

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

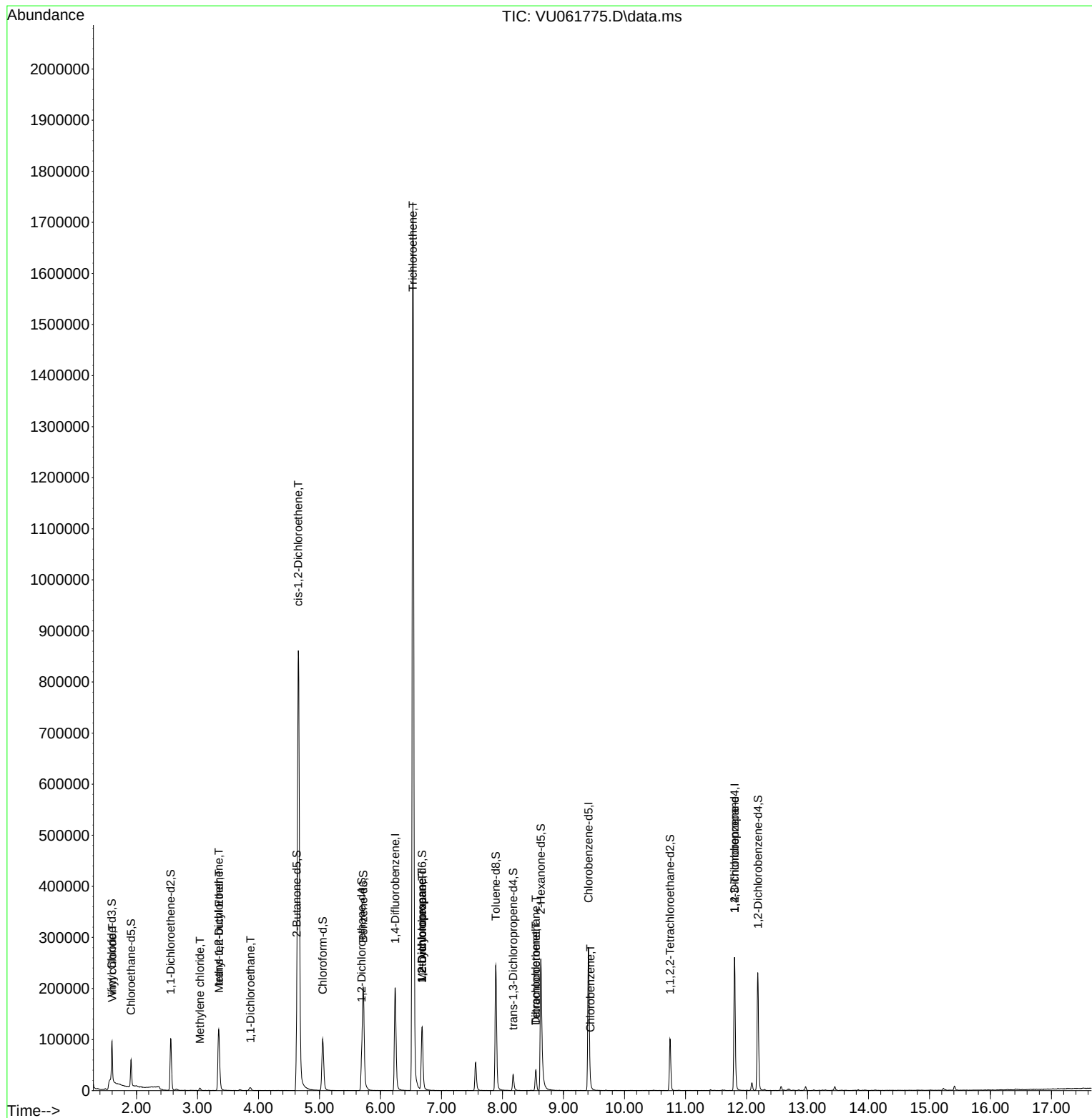
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	176502	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	165519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38737	3.397	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.911	69	38922	3.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.560	65	18779	3.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.628	46	120213	49.664	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.320%
24) Chloroform-d	5.052	84	98191	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.692	65	49511	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.718	84	199914	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	61666	4.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.891	98	178112	4.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.174	79	18898	3.799	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.627	63	102740	52.264	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.520%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50871	4.778	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	63393	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	18668	1.421	ug/L #	1
16) Methylene chloride	3.039	84	2221	0.181	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	6991	0.268	ug/L #	90
18) trans-1,2-Dichloroethene	3.348	96	51166	4.378	ug/L	97
19) 1,1-Dichloroethane	3.869	63	7706	0.362	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	460817	34.963	ug/L	99
34) Trichloroethene	6.531	95	597280	44.157	ug/L	97
35) Methylcyclohexane	6.682	83	14121	0.692	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	6451	0.508	ug/L #	89
47) Tetrachloroethene	8.547	164	9096	0.895	ug/L	93
49) Dibromochloromethane	8.547	129	8836	0.910	ug/L #	10
51) Chlorobenzene	9.441	112	4892	0.141	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	9036	1.280	ug/L #	63

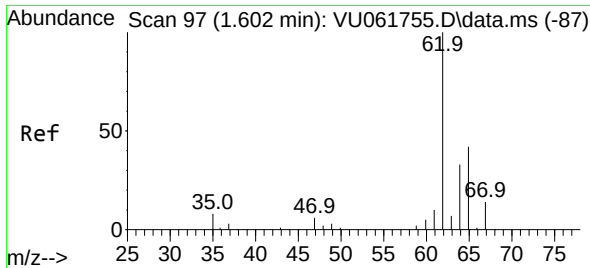
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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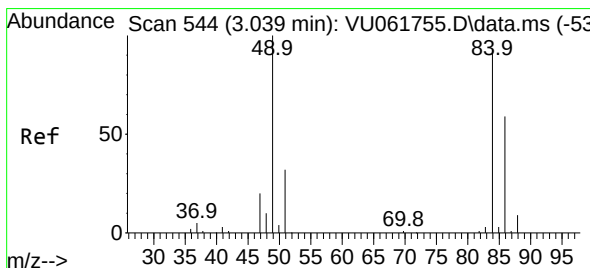
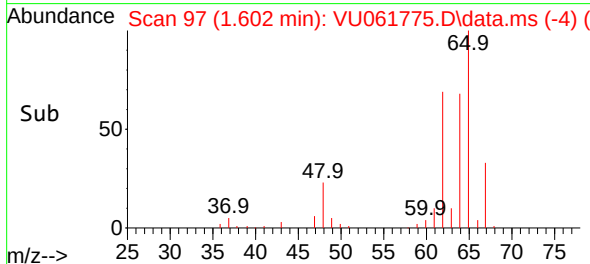
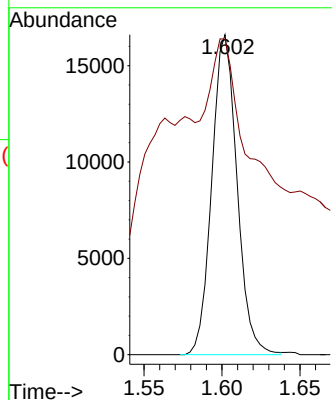
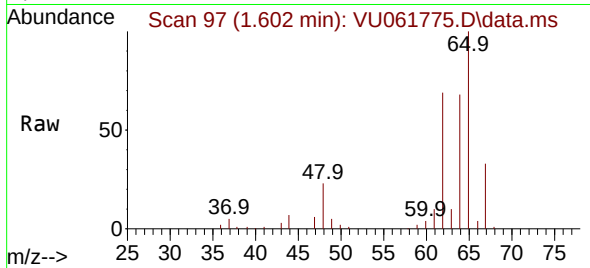




#5
 Vinyl chloride
 Concen: 1.421 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU061775.D
 Acq: 17 Nov 2024 04:39

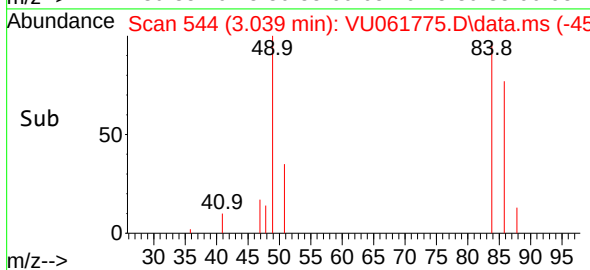
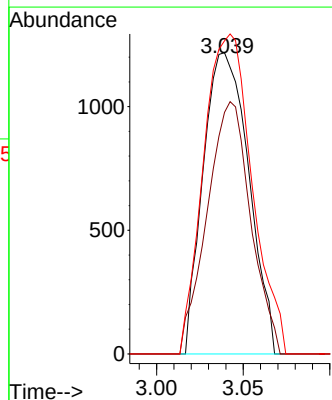
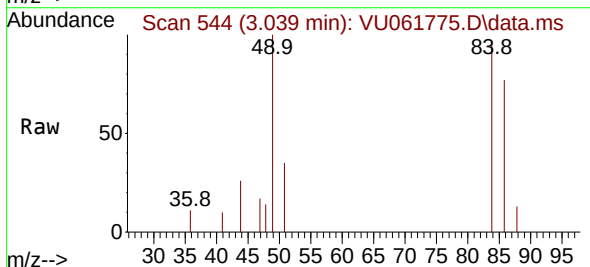
Instrument :
 MSVOA_U
 ClientSampleId :

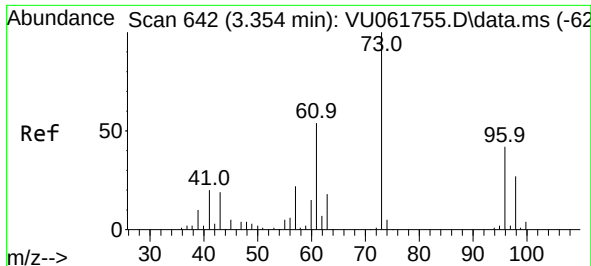
Tgt Ion: 62 Resp: 18668
 Ion Ratio Lower Upper
 62 100
 64 98.6 23.7 44.1#



#16
 Methylene chloride
 Concen: 0.181 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. -0.000 min
 Lab File: VU061775.D
 Acq: 17 Nov 2024 04:39

Tgt Ion: 84 Resp: 2221
 Ion Ratio Lower Upper
 84 100
 86 80.2 45.1 83.7
 49 103.9 76.3 141.7





#17

Methyl tert-butyl Ether

Concen: 0.268 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU061775.D

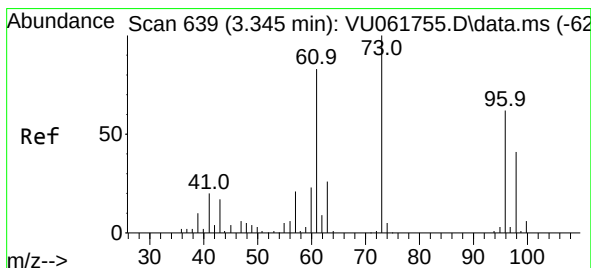
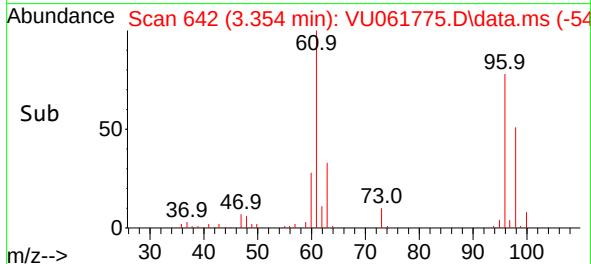
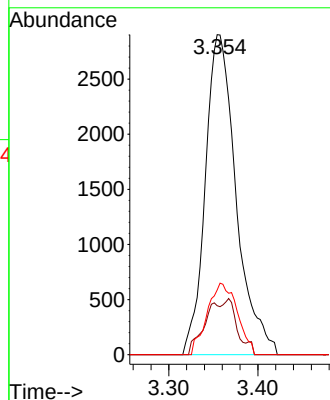
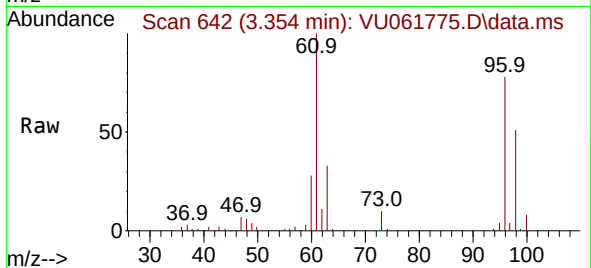
Acq: 17 Nov 2024 04:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	73	Resp:	6991
Ion	Ratio	Lower	Upper
73	100		
43	9.1	14.2	21.4#
57	21.7	16.9	25.3



#18

trans-1,2-Dichloroethene

Concen: 4.378 ug/L

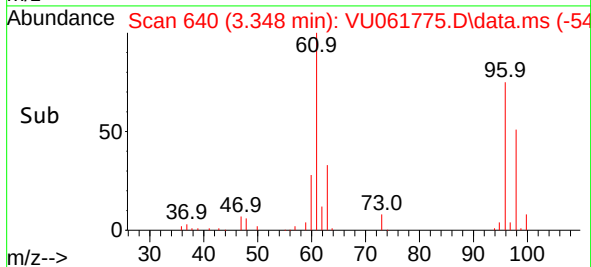
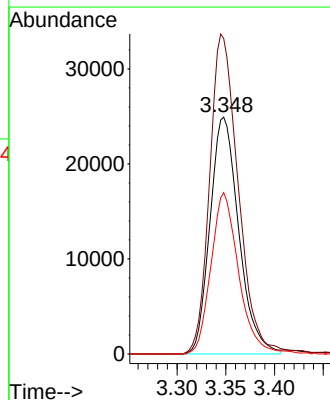
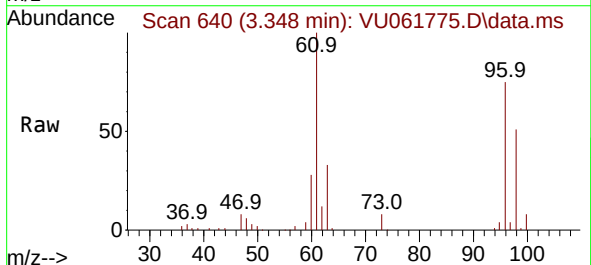
RT: 3.348 min Scan# 640

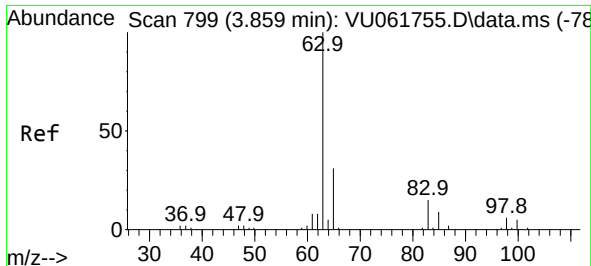
Delta R.T. 0.003 min

Lab File: VU061775.D

Acq: 17 Nov 2024 04:39

Tgt Ion:	96	Resp:	51166
Ion	Ratio	Lower	Upper
96	100		
61	133.2	94.1	174.8
98	68.1	43.2	80.2





#19

1,1-Dichloroethane

Concen: 0.362 ug/L

RT: 3.869 min Scan# 80

Delta R.T. 0.010 min

Lab File: VU061775.D

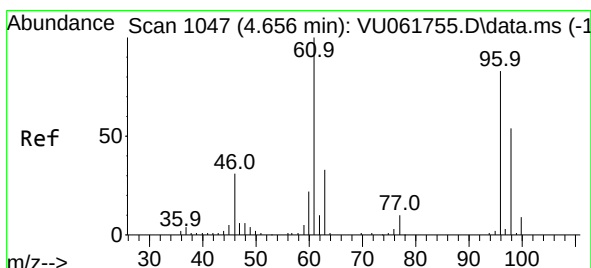
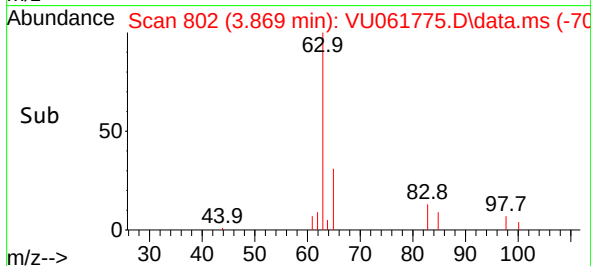
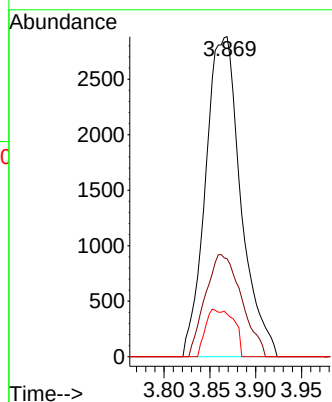
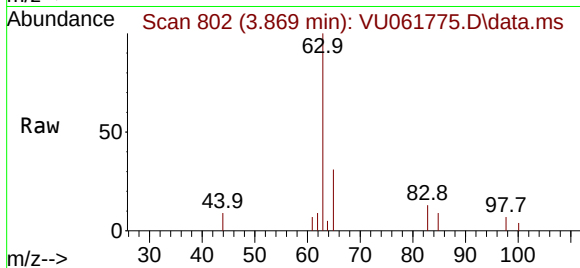
Acq: 17 Nov 2024 04:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	7706
Ion	Ratio	Lower	Upper
63	100		
65	29.0	23.4	43.4
83	12.6	9.6	17.8



#22

cis-1,2-Dichloroethene

Concen: 34.963 ug/L

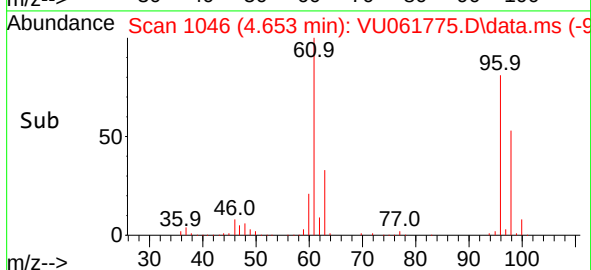
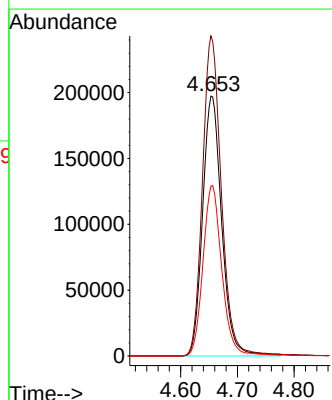
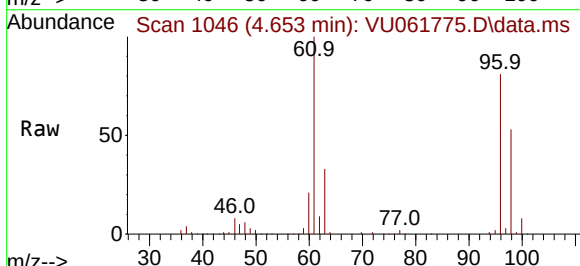
RT: 4.653 min Scan# 1046

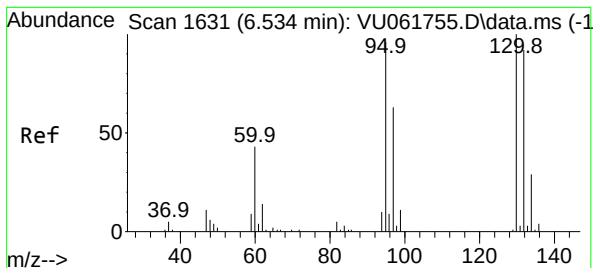
Delta R.T. -0.003 min

Lab File: VU061775.D

Acq: 17 Nov 2024 04:39

Tgt Ion:	96	Resp:	460817
Ion	Ratio	Lower	Upper
96	100		
61	123.2	85.6	159.0
98	65.3	45.6	84.8





#34

Trichloroethene

Concen: 44.157 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061775.D

Acq: 17 Nov 2024 04:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 597280

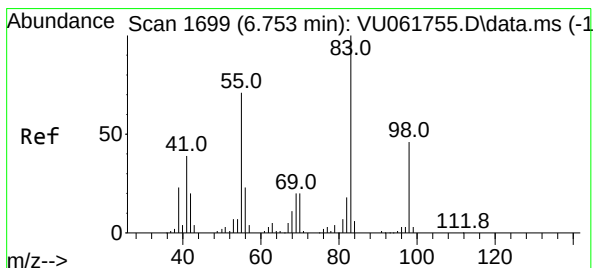
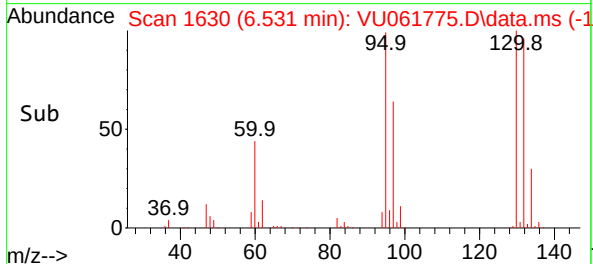
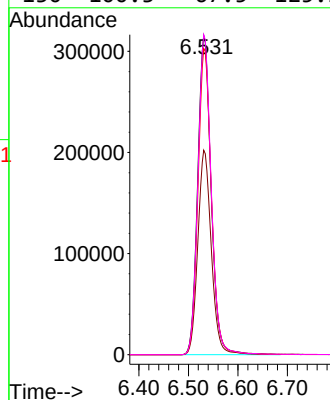
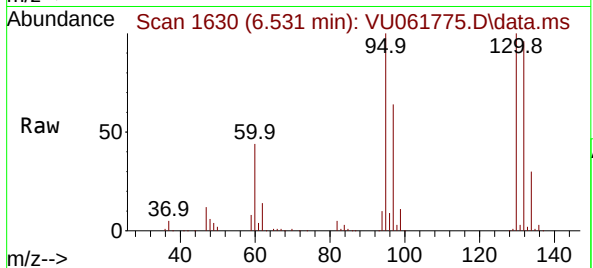
Ion Ratio Lower Upper

95 100

97 64.1 43.5 80.9

132 96.0 65.2 121.0

130 100.3 67.5 125.3



#35

Methylcyclohexane

Concen: 0.692 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061775.D

Acq: 17 Nov 2024 04:39

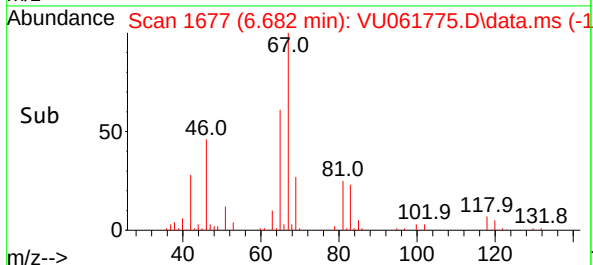
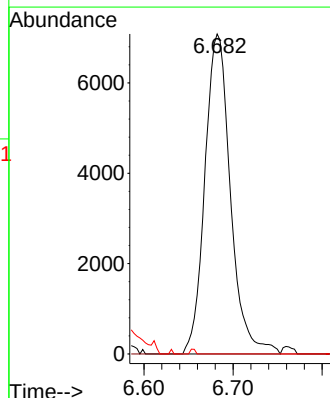
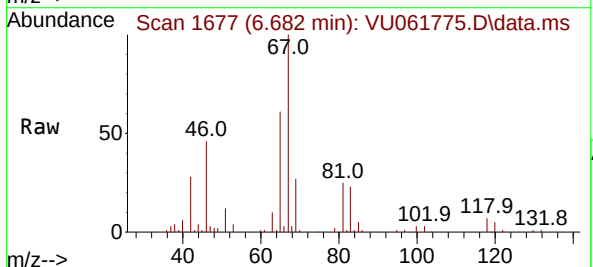
Tgt Ion: 83 Resp: 14121

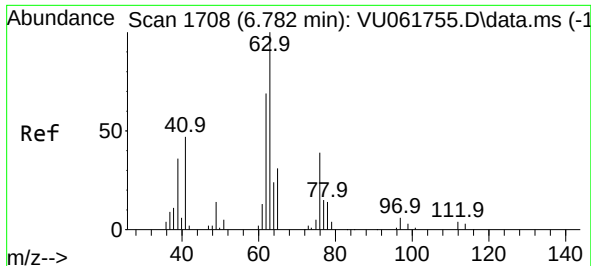
Ion Ratio Lower Upper

83 100

55 0.0 56.4 84.6#

98 0.0 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 0.508 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU061775.D

Acq: 17 Nov 2024 04:39

Instrument :

MSVOA_U

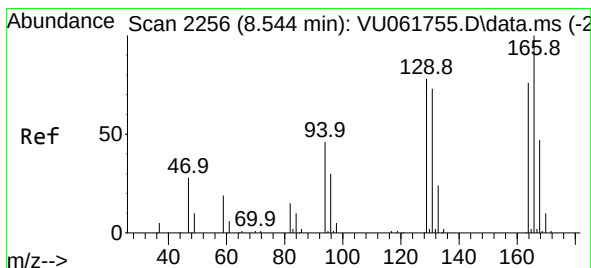
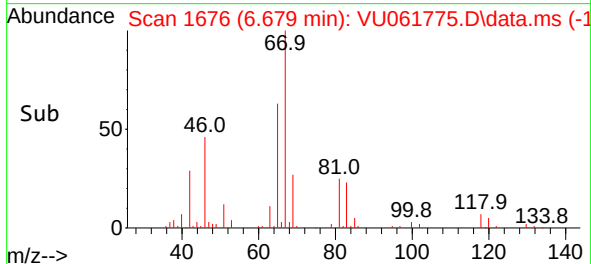
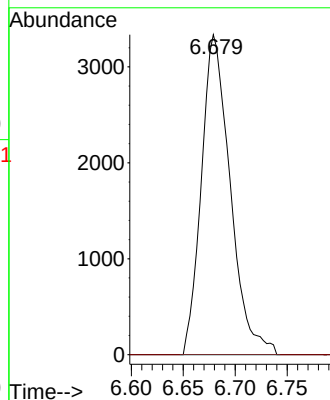
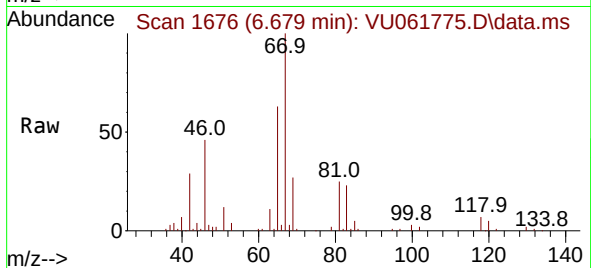
ClientSampleId :

Tgt Ion: 63 Resp: 6451

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#47

Tetrachloroethene

Concen: 0.895 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU061775.D

Acq: 17 Nov 2024 04:39

Tgt Ion: 164 Resp: 9096

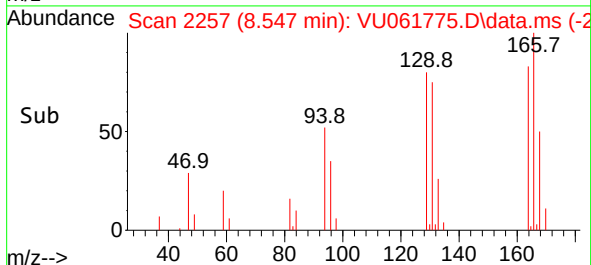
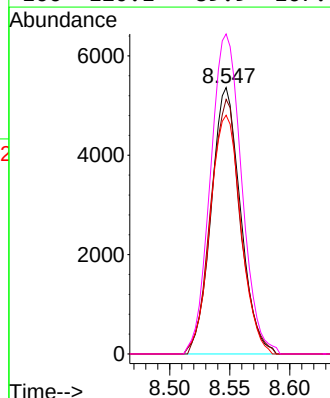
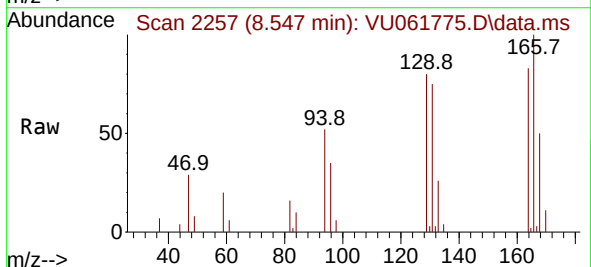
Ion Ratio Lower Upper

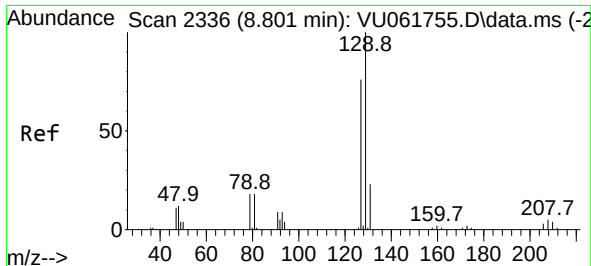
164 100

129 95.6 71.7 133.3

131 89.6 68.2 126.6

166 120.1 89.9 167.0





#49

Dibromochloromethane

Concen: 0.910 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU061775.D

Acq: 17 Nov 2024 04:39

Instrument :

MSVOA_U

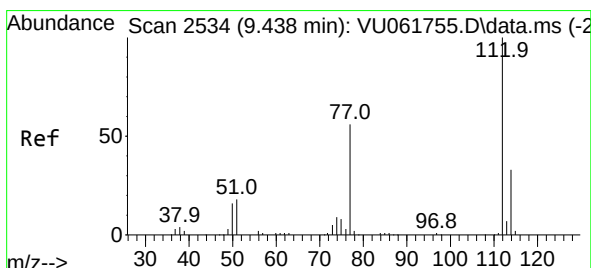
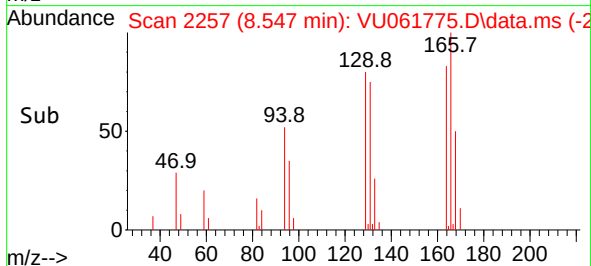
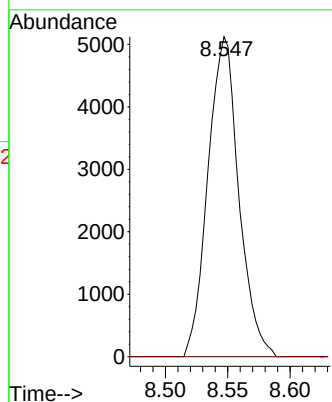
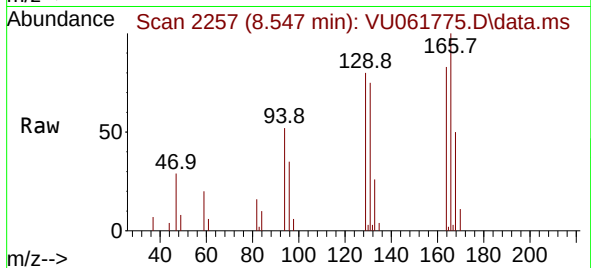
ClientSampleId :

Tgt Ion:129 Resp: 8836

Ion Ratio Lower Upper

129 100

127 0.0 55.1 102.3#



#51

Chlorobenzene

Concen: 0.141 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061775.D

Acq: 17 Nov 2024 04:39

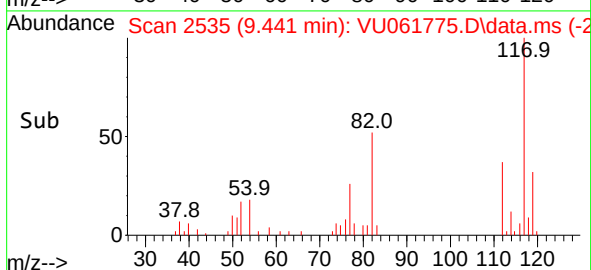
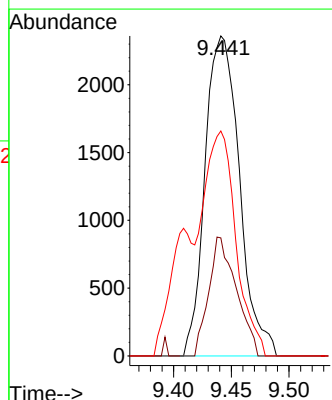
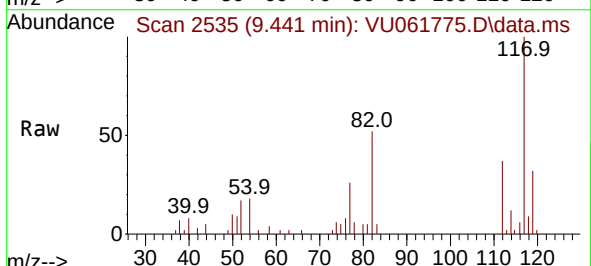
Tgt Ion:112 Resp: 4892

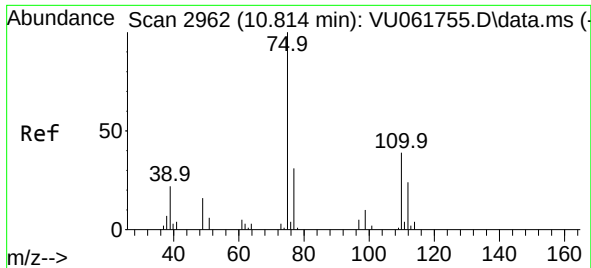
Ion Ratio Lower Upper

112 100

114 36.9 22.5 41.9

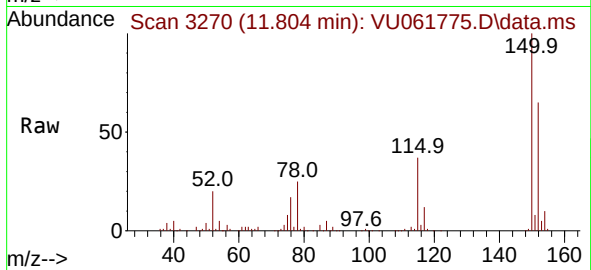
77 70.3 45.3 67.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.280 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU061775.D
 Acq: 17 Nov 2024 04:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9036
 Ion Ratio Lower Upper
 75 100
 110 1.3 31.3 46.9#
 77 28.4 26.0 39.0

