

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
 Data File : VU061718.D
 Acq On : 15 Nov 2024 14:09
 Operator : MD/SY
 Sample : P4800-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 22:21:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 22:17:35 2024
 Response via : Initial Calibration

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

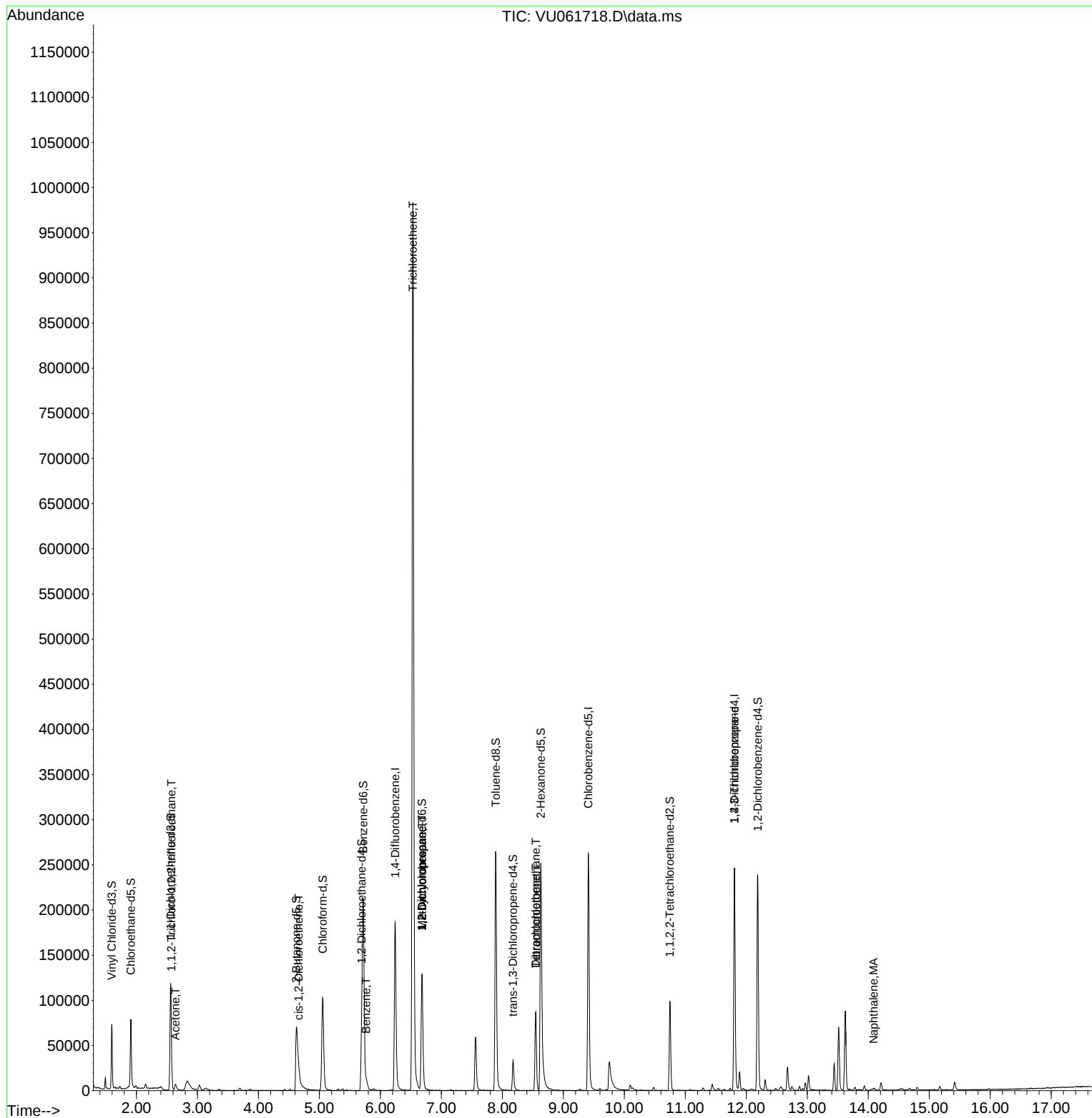
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	153434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67465	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46111	4.392	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.908	69	50488	5.633	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	112.600%	
11) 1,1-Dichloroethene-d2	2.560	65	21025	4.464	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.200%	
20) 2-Butanone-d5	4.621	46	114316	51.304	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.600%	
24) Chloroform-d	5.052	84	98710	4.731	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.692	65	51930	5.186	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	5.718	84	210425	4.957	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.679	67	65013	5.193	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.800%	
41) Toluene-d8	7.891	98	188389	4.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	8.174	79	20537	4.453	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.631	63	97124	53.299	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.600%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49693	5.035	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	64873	5.399	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3062	0.291	ug/L #	77
13) Acetone	2.637	43	8245	5.873	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	4925	0.406	ug/L	94
33) Benzene	5.766	78	7351	0.158	ug/L	100
34) Trichloroethene	6.531	95	339474	27.074	ug/L	98
35) Methylcyclohexane	6.682	83	14656	0.775	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	6711	0.570	ug/L #	89
47) Tetrachloroethene	8.547	164	19607	2.081	ug/L	96
49) Dibromochloromethane	8.547	129	19695	2.187	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	8353	1.314	ug/L #	64
71) Naphthalene	14.087	128	2754	0.165	ug/L #	79

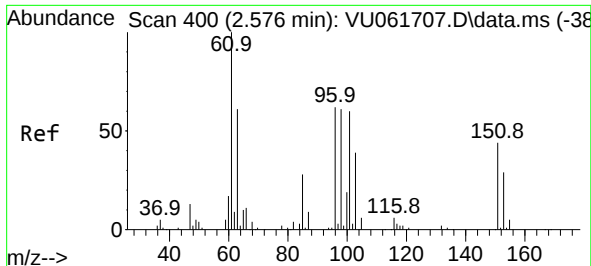
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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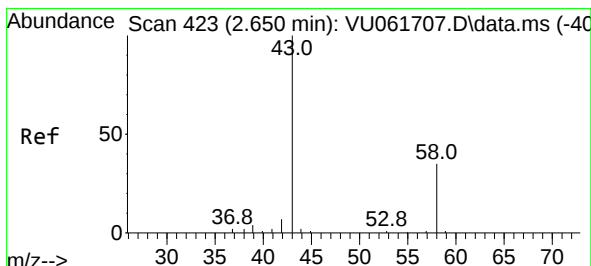
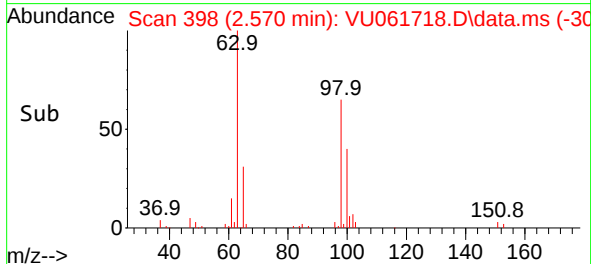
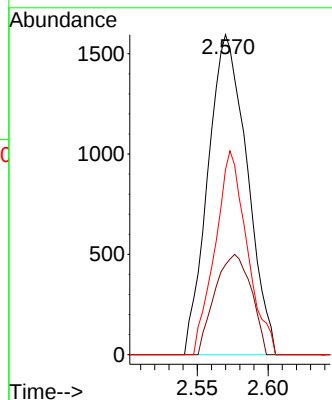
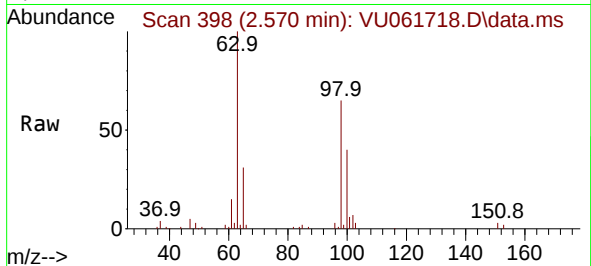




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.291 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.006 min
 Lab File: VU061718.D
 Acq: 15 Nov 2024 14:09

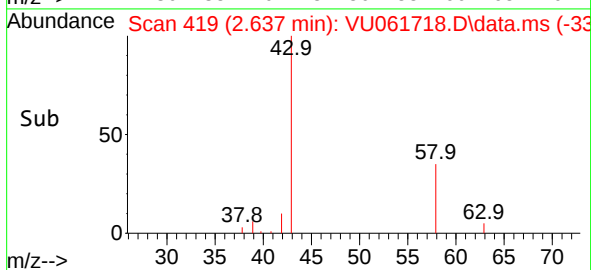
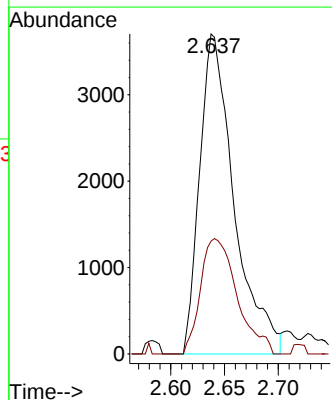
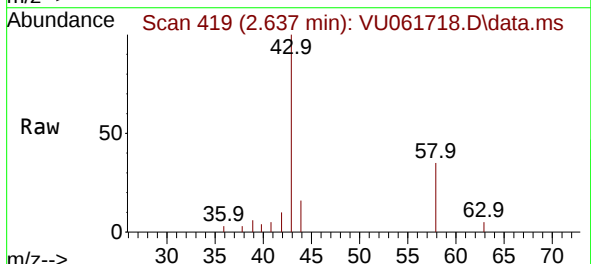
Instrument :
 MSVOA_U
 ClientSampleId :

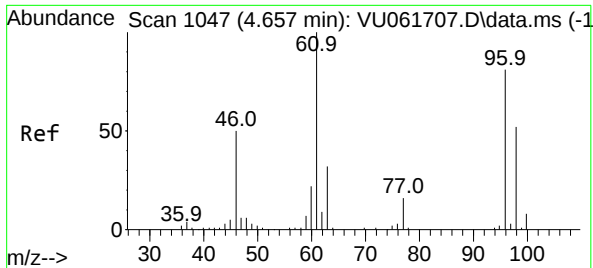
Tgt Ion:101 Resp: 3062
 Ion Ratio Lower Upper
 101 100
 85 29.1 35.1 52.7#
 151 52.2 56.9 85.3#



#13
 Acetone
 Concen: 5.873 ug/L
 RT: 2.637 min Scan# 419
 Delta R.T. -0.013 min
 Lab File: VU061718.D
 Acq: 15 Nov 2024 14:09

Tgt Ion: 43 Resp: 8245
 Ion Ratio Lower Upper
 43 100
 58 38.3 0.0 69.8





#22

cis-1,2-Dichloroethene

Concen: 0.406 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU061718.D

Acq: 15 Nov 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :

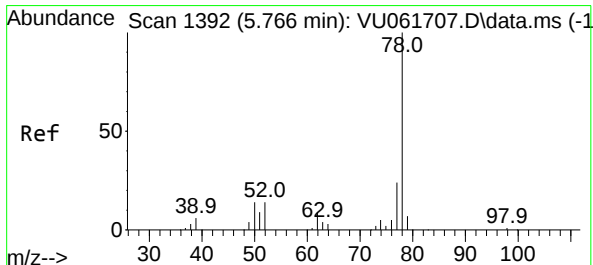
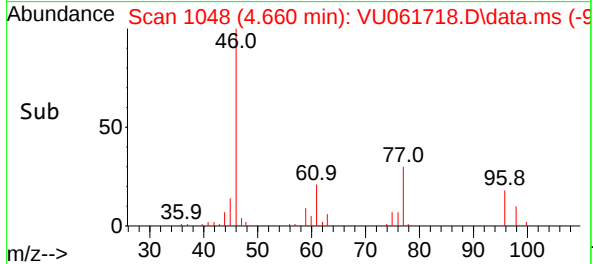
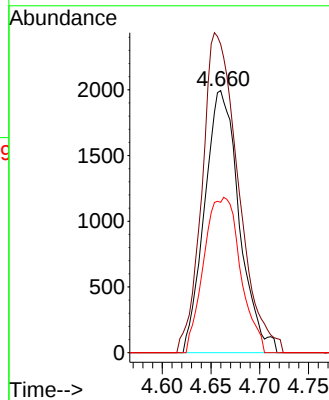
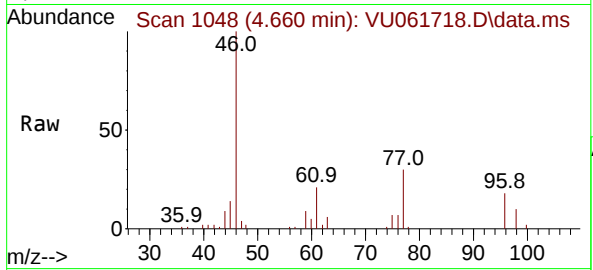
Tgt Ion: 96 Resp: 4925

Ion Ratio Lower Upper

96 100

61 117.7 85.6 159.0

98 57.4 45.6 84.8



#33

Benzene

Concen: 0.158 ug/L

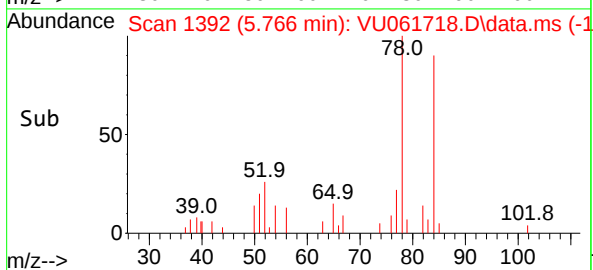
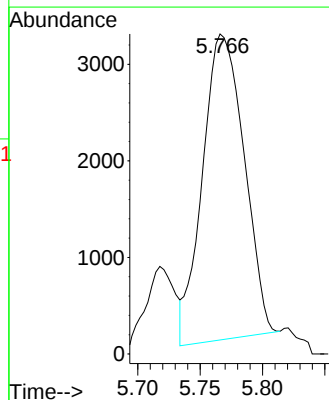
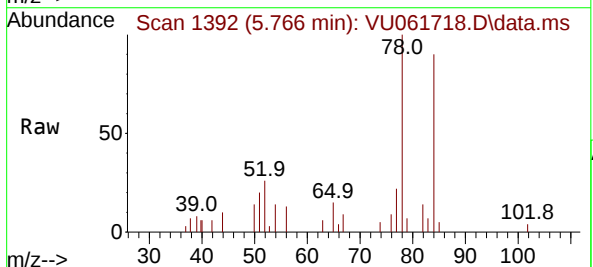
RT: 5.766 min Scan# 1392

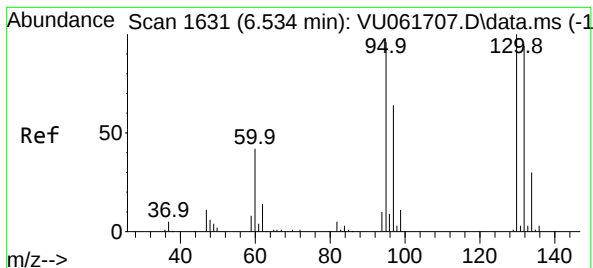
Delta R.T. 0.000 min

Lab File: VU061718.D

Acq: 15 Nov 2024 14:09

Tgt Ion: 78 Resp: 7351





#34

Trichloroethene

Concen: 27.074 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061718.D

Acq: 15 Nov 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 339474

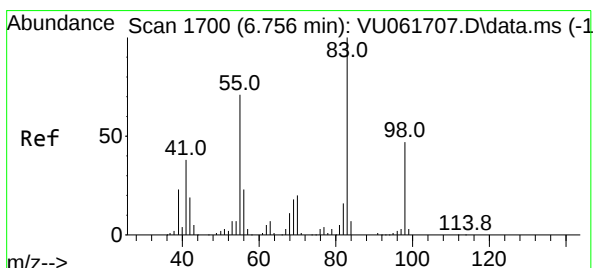
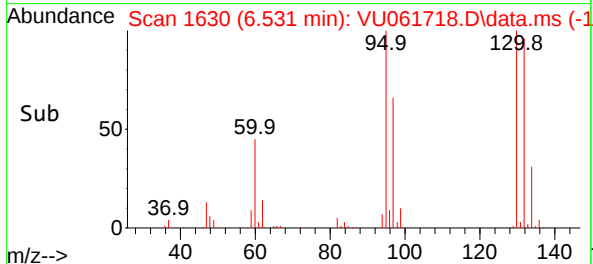
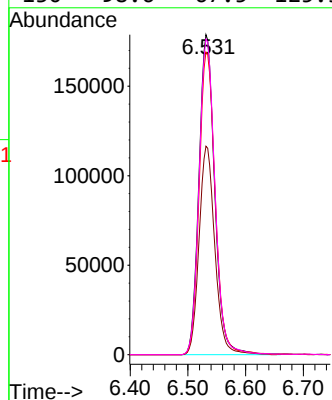
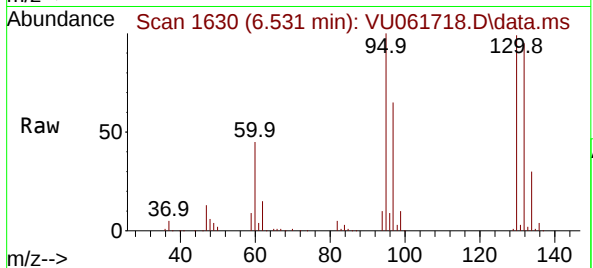
Ion Ratio Lower Upper

95 100

97 65.2 43.5 80.9

132 94.6 65.2 121.0

130 98.6 67.5 125.3



#35

Methylcyclohexane

Concen: 0.775 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU061718.D

Acq: 15 Nov 2024 14:09

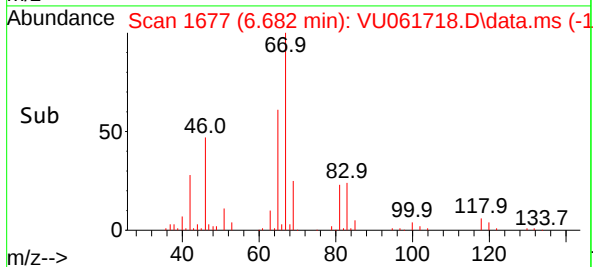
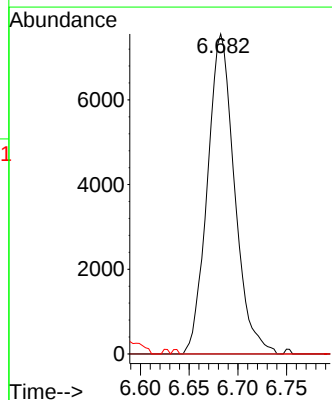
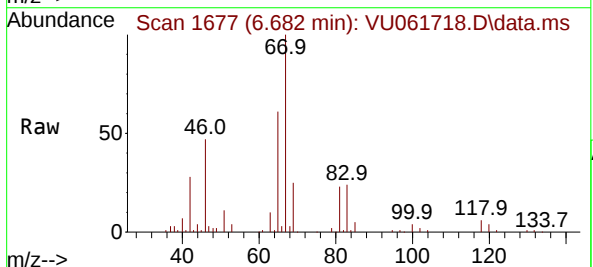
Tgt Ion: 83 Resp: 14656

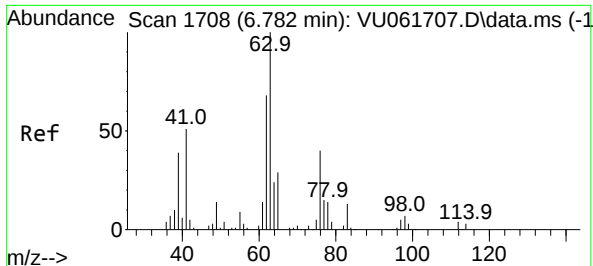
Ion Ratio Lower Upper

83 100

55 0.0 56.4 84.6#

98 0.0 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU061718.D

Acq: 15 Nov 2024 14:09

Instrument :

MSVOA_U

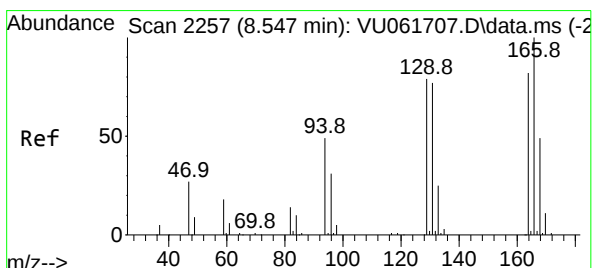
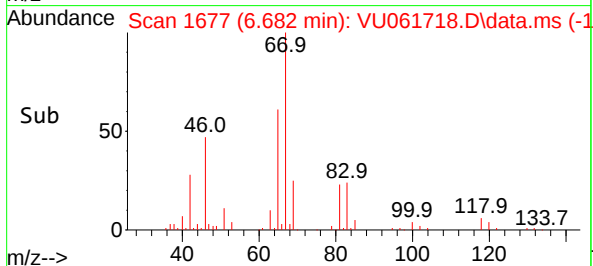
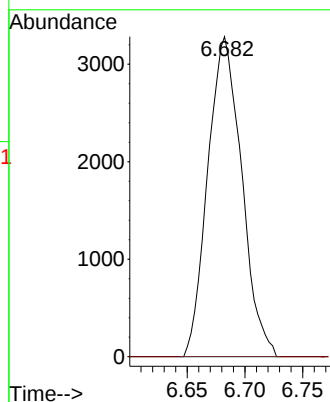
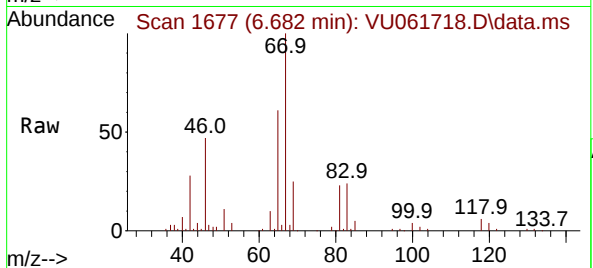
ClientSampleId :

Tgt Ion: 63 Resp: 6711

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#47

Tetrachloroethene

Concen: 2.081 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU061718.D

Acq: 15 Nov 2024 14:09

Tgt Ion: 164 Resp: 19607

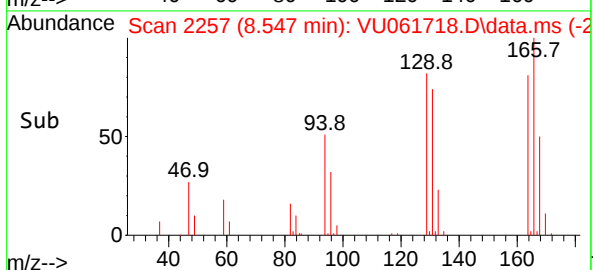
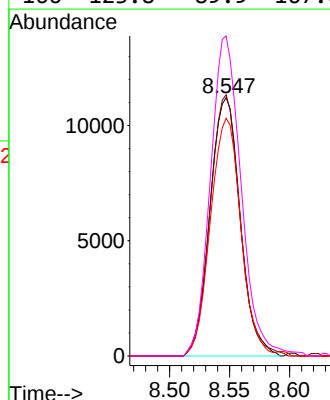
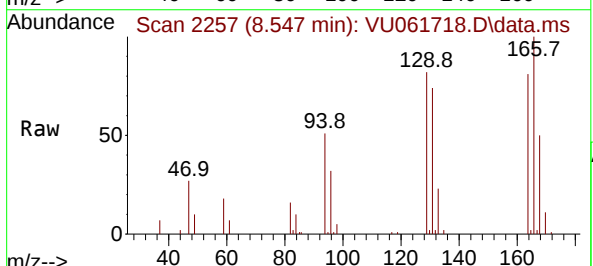
Ion Ratio Lower Upper

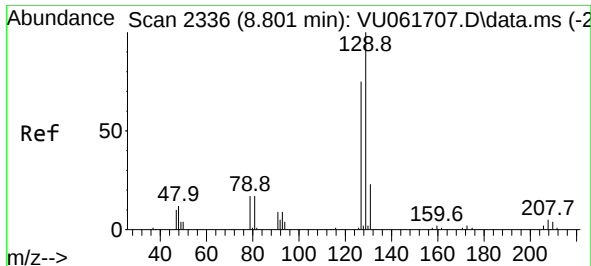
164 100

129 101.0 71.7 133.3

131 91.9 68.2 126.6

166 123.8 89.9 167.0





#49

Dibromochloromethane

Concen: 2.187 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU061718.D

Acq: 15 Nov 2024 14:09

Instrument :

MSVOA_U

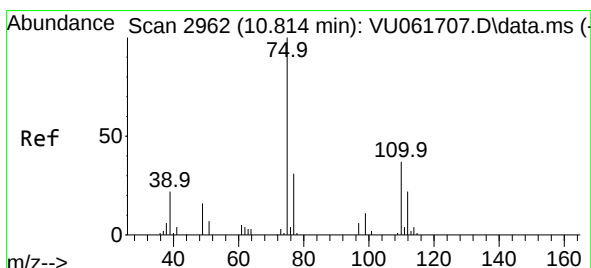
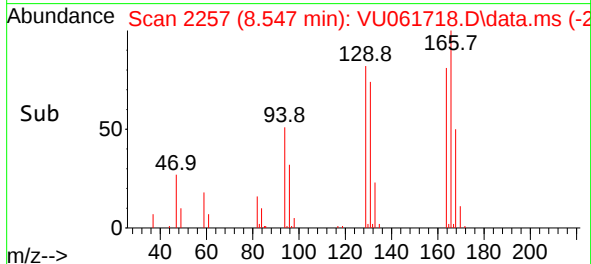
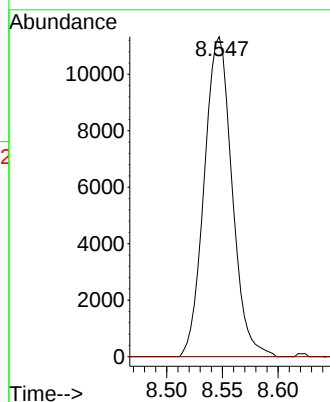
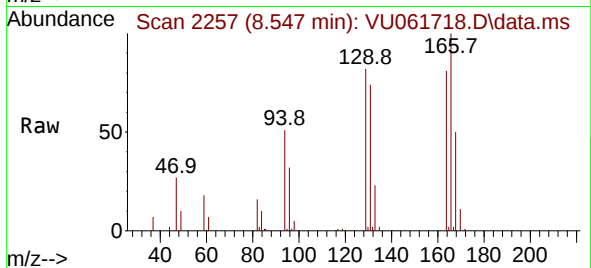
ClientSampleId :

Tgt Ion:129 Resp: 19695

Ion Ratio Lower Upper

129 100

127 0.0 55.1 102.3#



#61

1,2,3-Trichloropropane

Concen: 1.314 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061718.D

Acq: 15 Nov 2024 14:09

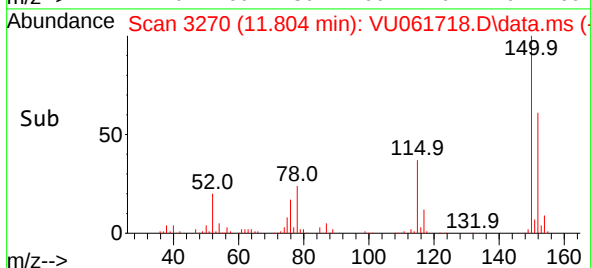
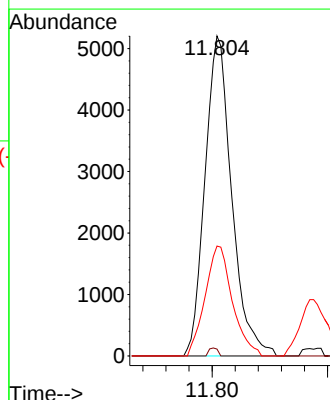
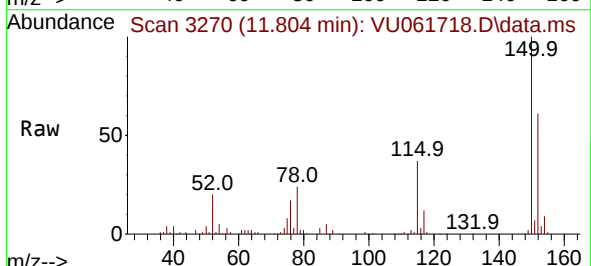
Tgt Ion: 75 Resp: 8353

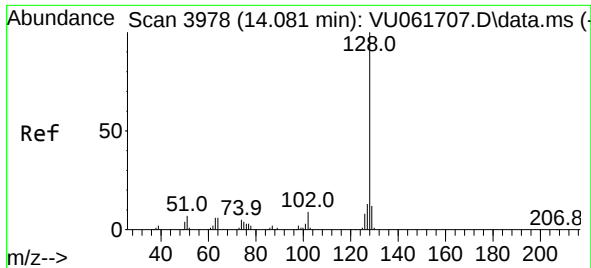
Ion Ratio Lower Upper

75 100

110 0.8 31.3 46.9#

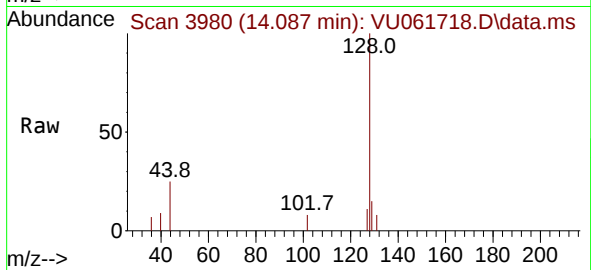
77 35.0 26.0 39.0





#71
Naphthalene
Concen: 0.165 ug/L
RT: 14.087 min Scan# 3978
Delta R.T. 0.007 min
Lab File: VU061718.D
Acq: 15 Nov 2024 14:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 2754
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 6.6 10.4 15.6#

