

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
 Data File : VU061719.D
 Acq On : 15 Nov 2024 14:34
 Operator : MD/SY
 Sample : P4800-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 22:21:38 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	174044	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	163571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71304	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46089	4.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.908	69	51847	5.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.000%
11) 1,1-Dichloroethene-d2	2.560	65	20955	4.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.624	46	115378	48.340	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.680%
24) Chloroform-d	5.052	84	101795	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.692	65	52205	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.718	84	214863	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.682	67	65544	4.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.891	98	193622	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	20829	4.237	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.627	63	98244	50.572	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50594	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	66778	5.258	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
5) Vinyl chloride	1.599	62	7791	0.602	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3502	0.311	ug/L #	85
13) Acetone	2.634	43	18014	11.979	ug/L	94
15) Methyl Acetate	3.036	43	4955	1.319	ug/L #	47
22) cis-1,2-Dichloroethene	4.660	96	9302	0.716	ug/L	95
30) Cyclohexane	5.380	56	1113	0.060	ug/L #	89
33) Benzene	5.769	78	22223	0.449	ug/L	100
34) Trichloroethene	6.534	95	57357	4.291	ug/L	97
35) Methylcyclohexane	6.682	83	15067	0.747	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	7109	0.566	ug/L #	89
47) Tetrachloroethene	8.544	164	67053	6.676	ug/L	94
49) Dibromochloromethane	8.544	129	66458	6.923	ug/L #	10
54) o-Xylene	10.097	106	2690	0.127	ug/L	87
61) 1,2,3-Trichloropropane	11.804	75	8977	1.336	ug/L #	66
63) 1,2,4-Trimethylbenzene	11.084	105	2305	0.060	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.023	75	150	0.128	ug/L #	3
71) Naphthalene	14.090	128	2503	0.142	ug/L #	93

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Quant Time: Nov 15 22:21:38 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 15 22:17:35 2024
Response via : Initial Calibration

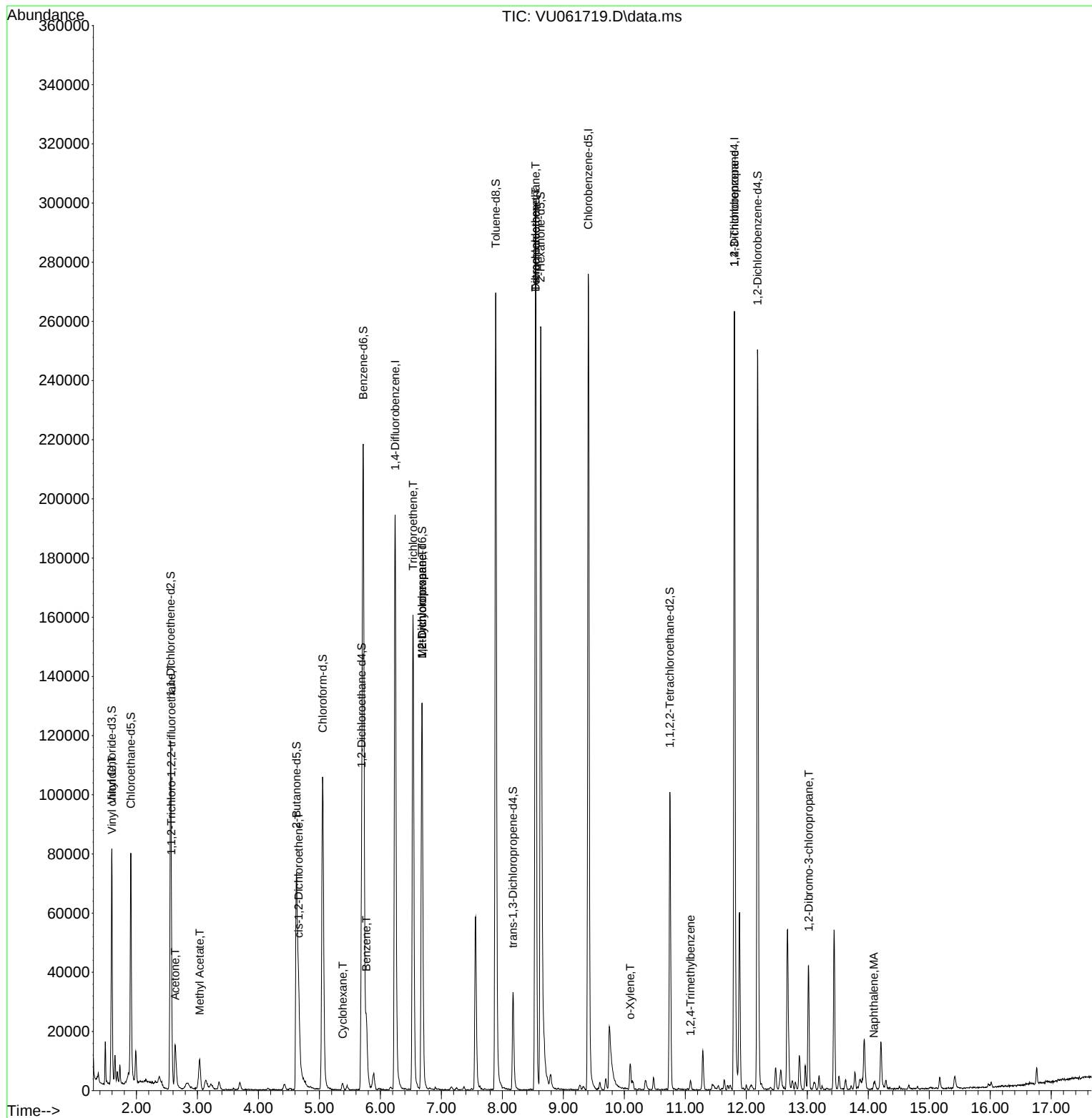
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

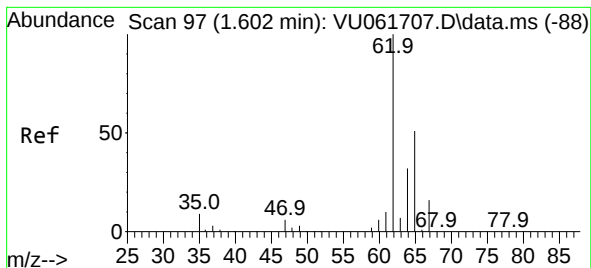
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#5

Vinyl chloride

Concen: 0.602 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU061719.D

Acq: 15 Nov 2024 14:34

Instrument :

MSVOA_U

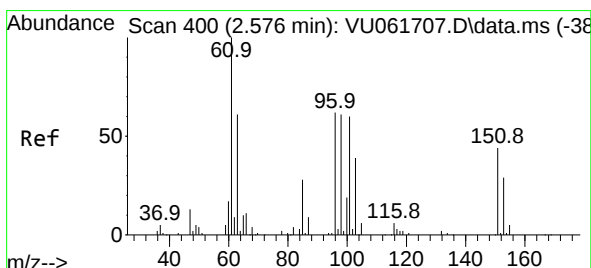
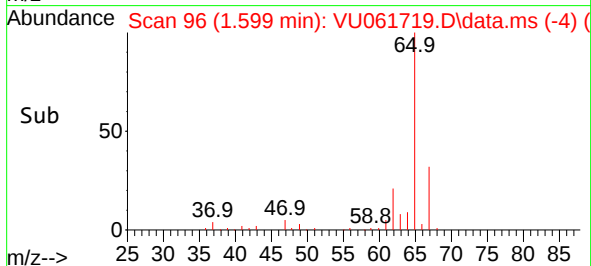
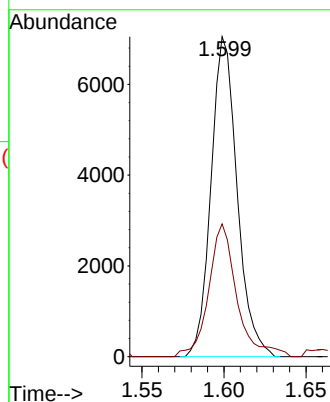
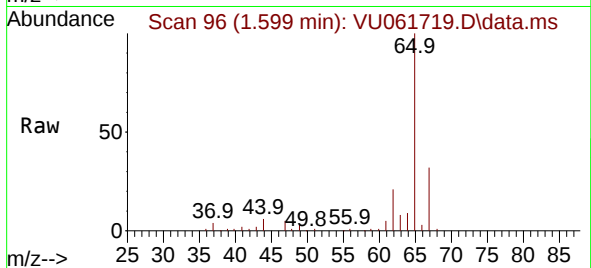
ClientSampleId :

Tgt Ion: 62 Resp: 7791

Ion Ratio Lower Upper

62 100

64 41.5 23.7 44.1



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.311 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU061719.D

Acq: 15 Nov 2024 14:34

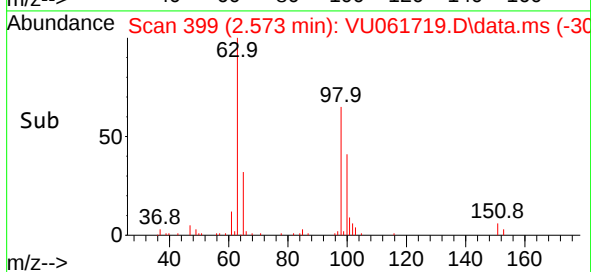
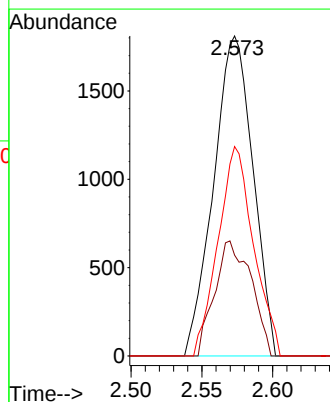
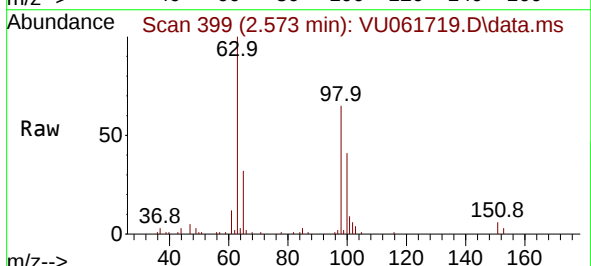
Tgt Ion: 101 Resp: 3502

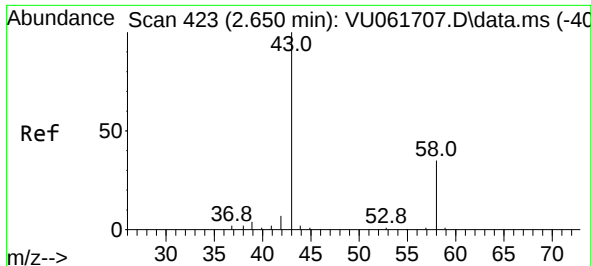
Ion Ratio Lower Upper

101 100

85 33.4 35.1 52.7#

151 59.1 56.9 85.3





#13

Acetone

Concen: 11.979 ug/L

RT: 2.634 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU061719.D

Acq: 15 Nov 2024 14:34

Instrument :

MSVOA_U

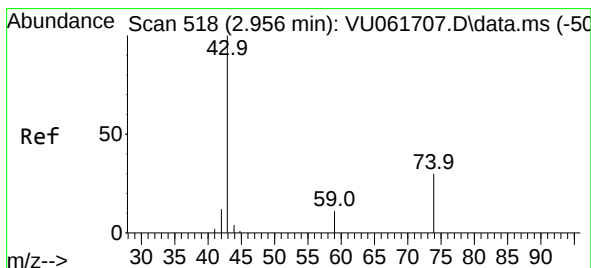
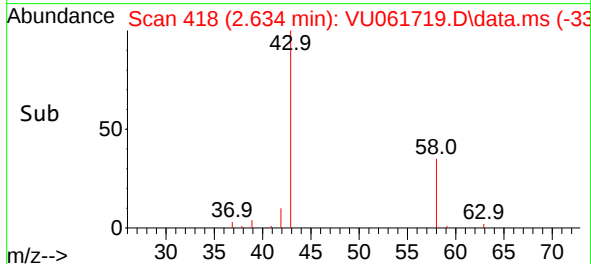
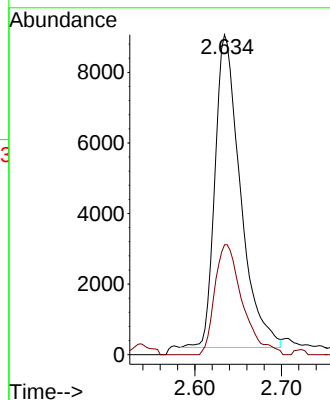
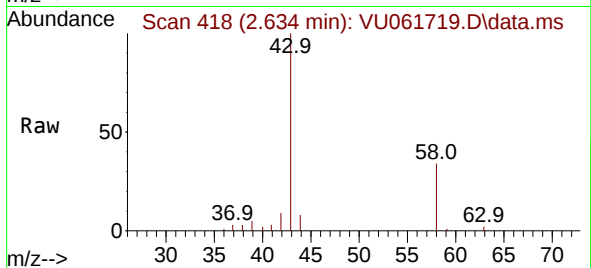
ClientSampleId :

Tgt Ion: 43 Resp: 18014

Ion Ratio Lower Upper

43 100

58 38.3 0.0 69.8



#15

Methyl Acetate

Concen: 1.319 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.080 min

Lab File: VU061719.D

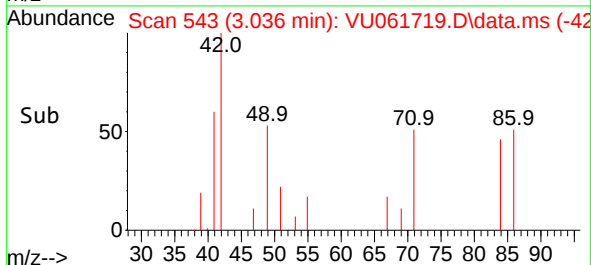
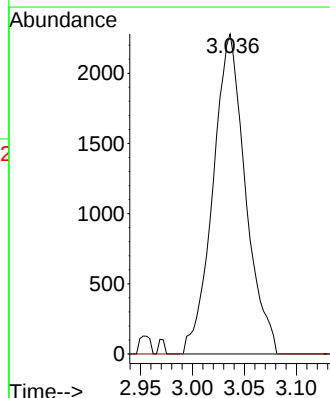
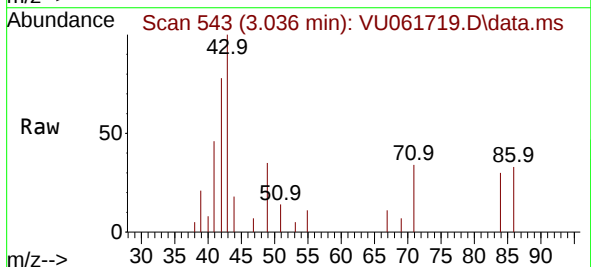
Acq: 15 Nov 2024 14:34

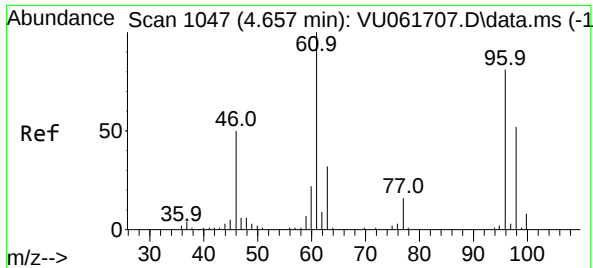
Tgt Ion: 43 Resp: 4955

Ion Ratio Lower Upper

43 100

74 0.0 22.5 33.7#





#22

cis-1,2-Dichloroethene

Concen: 0.716 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU061719.D

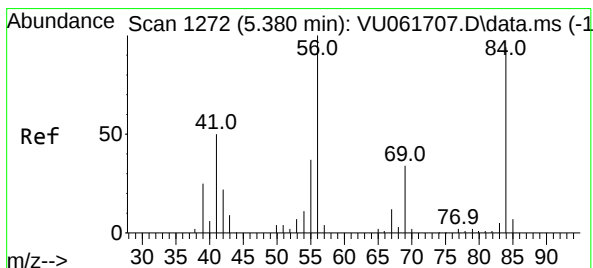
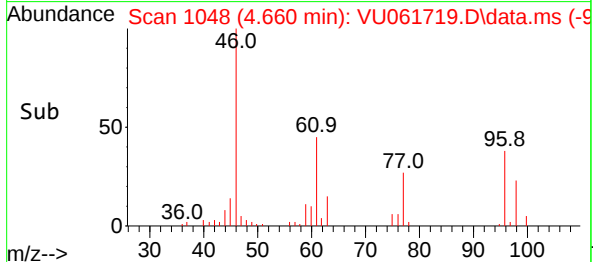
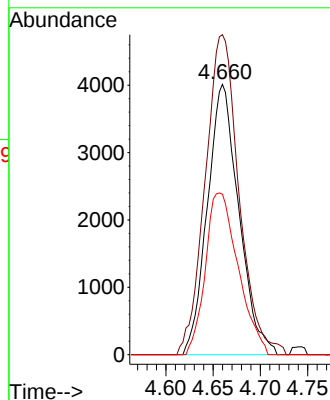
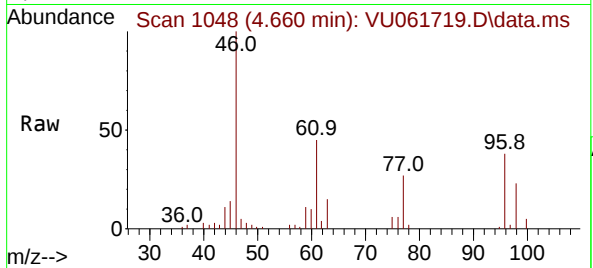
Acq: 15 Nov 2024 14:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	96	Resp:	9302
Ion	Ratio	Lower	Upper
96	100		
61	118.3	85.6	159.0
98	59.3	45.6	84.8



#30

Cyclohexane

Concen: 0.060 ug/L

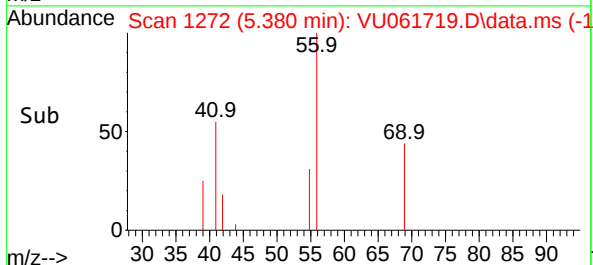
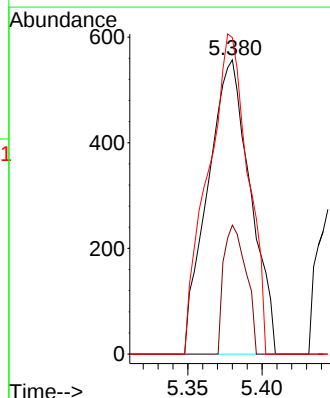
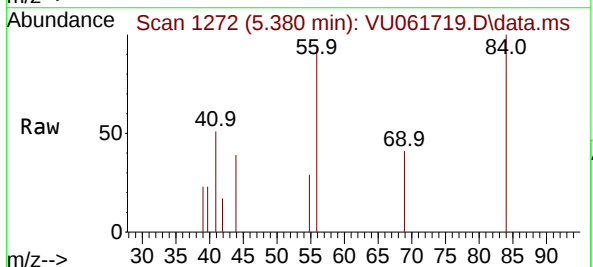
RT: 5.380 min Scan# 1272

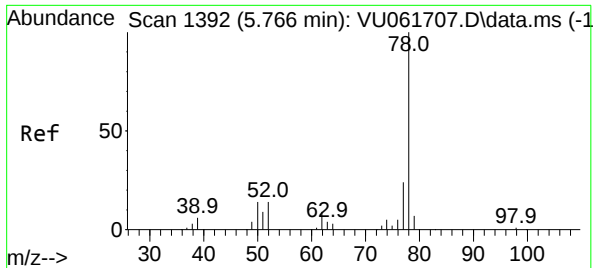
Delta R.T. 0.000 min

Lab File: VU061719.D

Acq: 15 Nov 2024 14:34

Tgt Ion:	56	Resp:	1113
Ion	Ratio	Lower	Upper
56	100		
69	22.9	25.6	38.4#
84	102.2	74.3	111.5

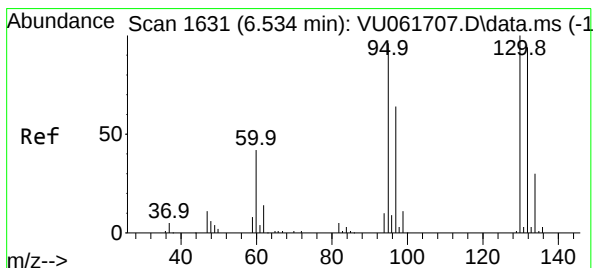
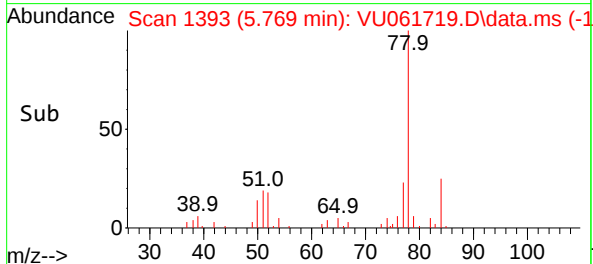
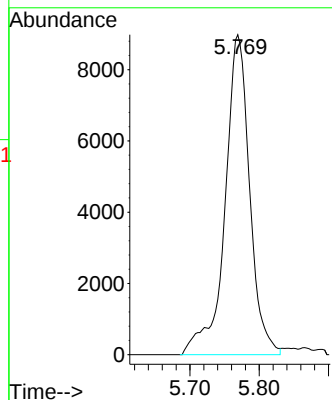
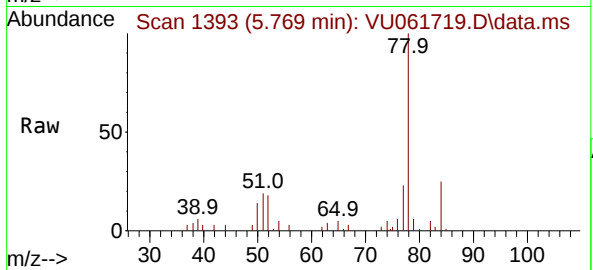




#33
Benzene
Concen: 0.449 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061719.D
Acq: 15 Nov 2024 14:34

Instrument :
MSVOA_U
ClientSampleId :

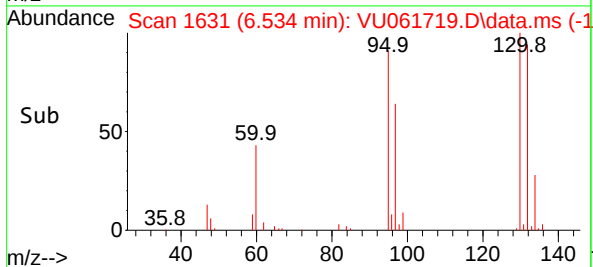
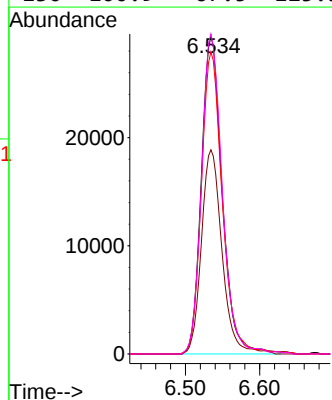
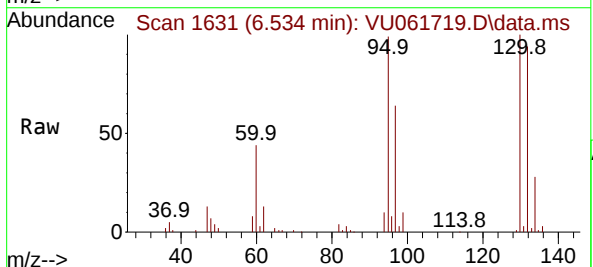
Tgt Ion: 78 Resp: 22223

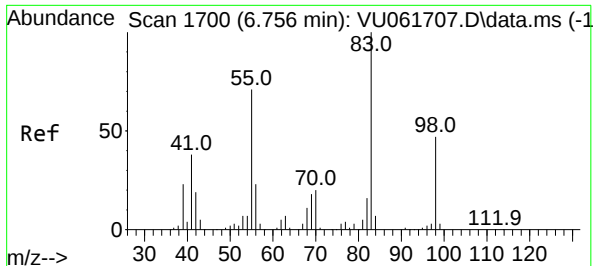


#34
Trichloroethene
Concen: 4.291 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061719.D
Acq: 15 Nov 2024 14:34

Tgt Ion: 95 Resp: 57357

Ion	Ratio	Lower	Upper
95	100		
97	64.4	43.5	80.9
132	95.3	65.2	121.0
130	100.9	67.5	125.3





#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU061719.D

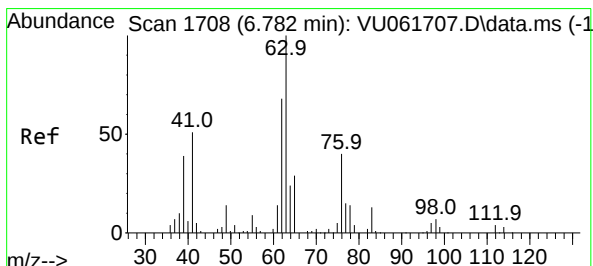
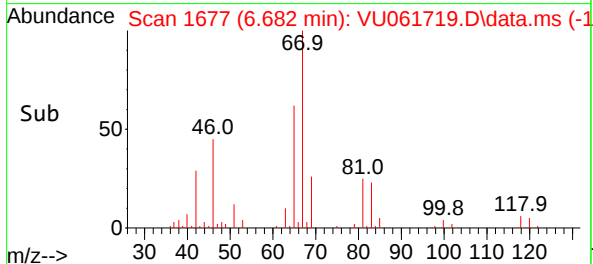
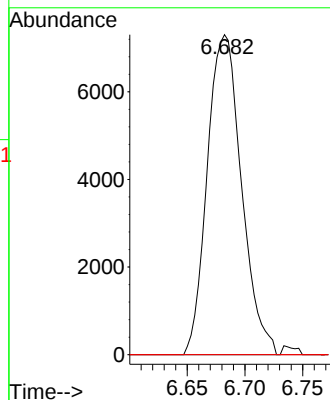
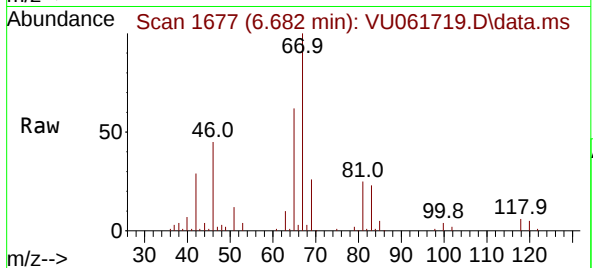
Acq: 15 Nov 2024 14:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 15067
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: 0.566 ug/L

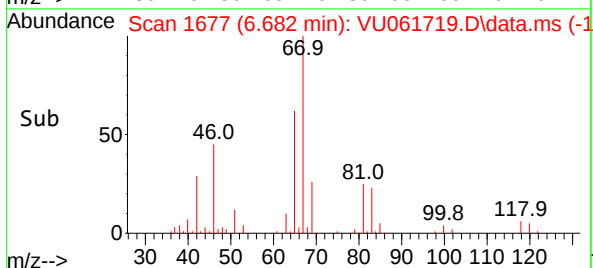
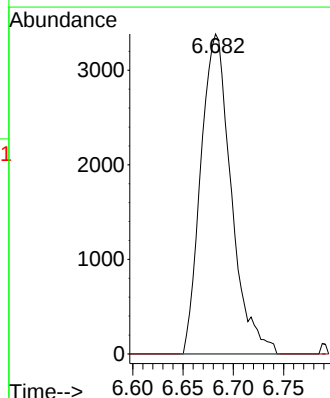
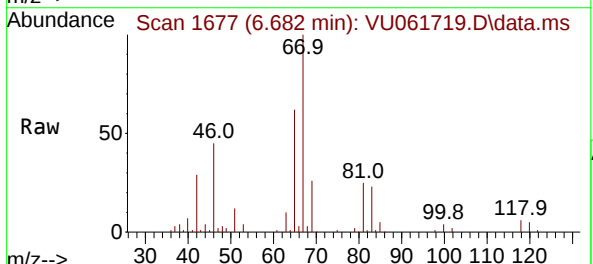
RT: 6.682 min Scan# 1677

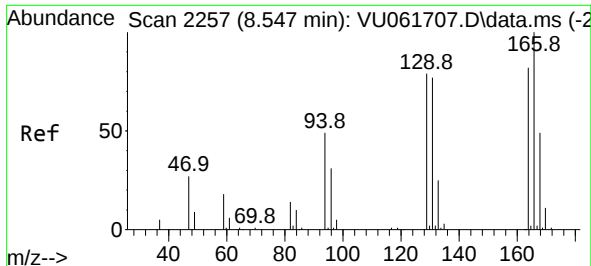
Delta R.T. -0.100 min

Lab File: VU061719.D

Acq: 15 Nov 2024 14:34

Tgt Ion: 63	Resp: 7109
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#





#47

Tetrachloroethene

Concen: 6.676 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU061719.D

Acq: 15 Nov 2024 14:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 67053

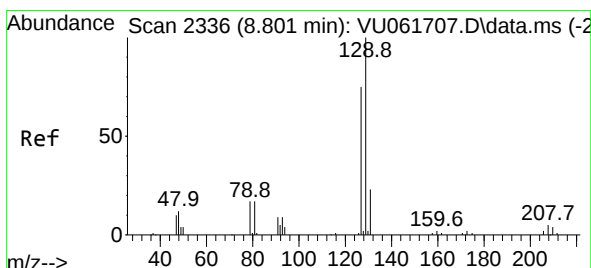
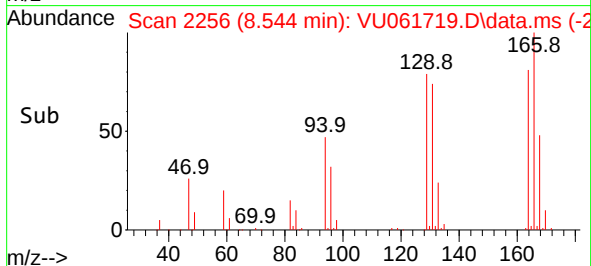
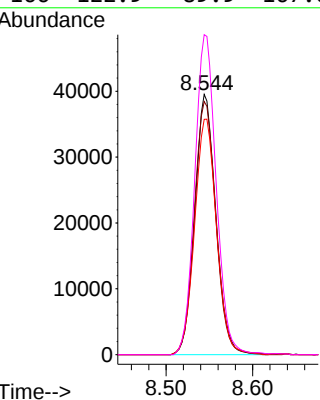
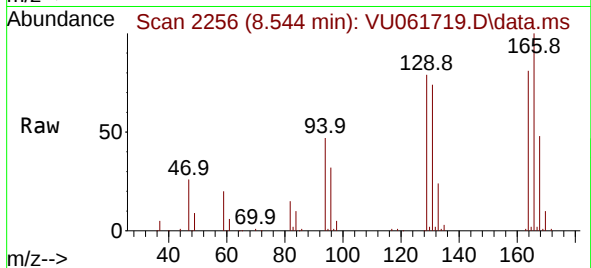
Ion Ratio Lower Upper

164 100

129 97.3 71.7 133.3

131 90.4 68.2 126.6

166 122.9 89.9 167.0



#49

Dibromochloromethane

Concen: 6.923 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061719.D

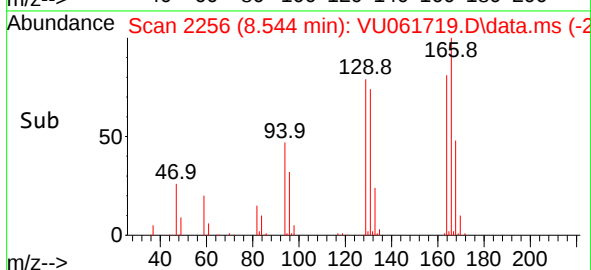
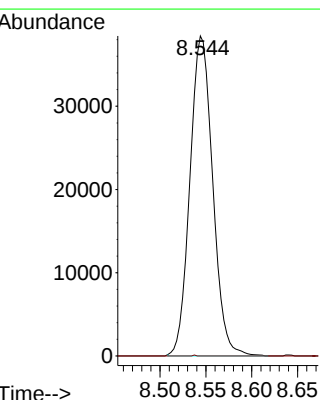
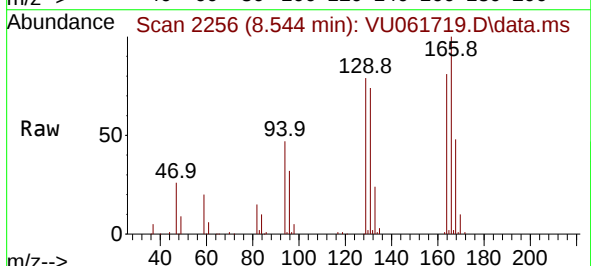
Acq: 15 Nov 2024 14:34

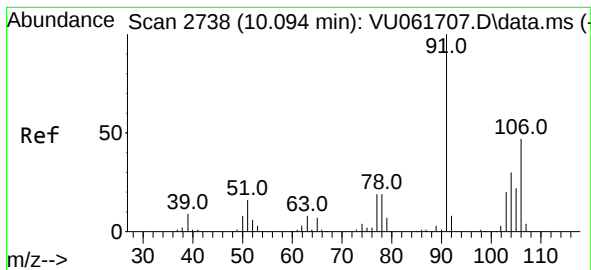
Tgt Ion:129 Resp: 66458

Ion Ratio Lower Upper

129 100

127 0.0 55.1 102.3#





#54

o-Xylene

Concen: 0.127 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061719.D

Acq: 15 Nov 2024 14:34

Instrument :

MSVOA_U

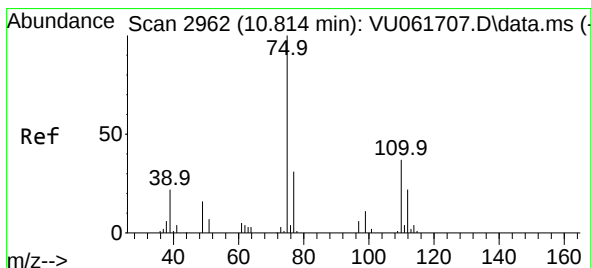
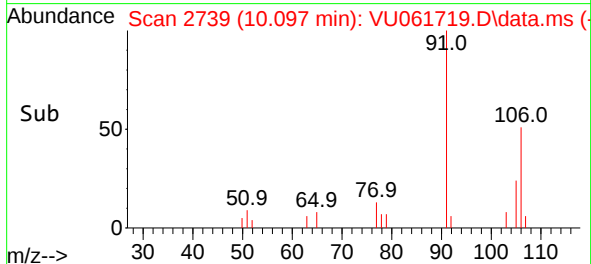
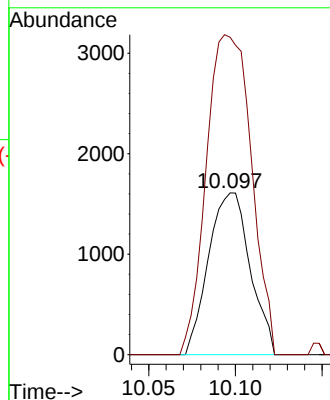
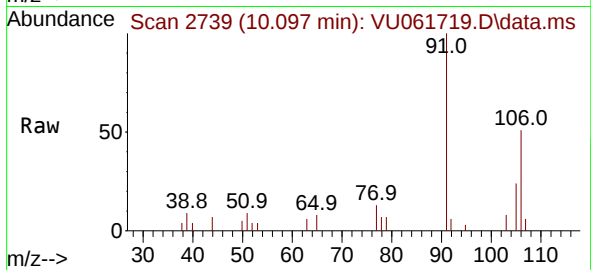
ClientSampleId :

Tgt Ion:106 Resp: 2690

Ion Ratio Lower Upper

106 100

91 196.2 151.3 280.9



#61

1,2,3-Trichloropropane

Concen: 1.336 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061719.D

Acq: 15 Nov 2024 14:34

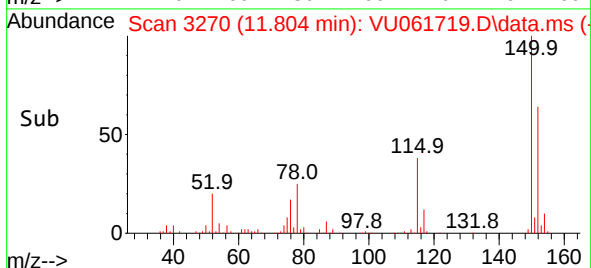
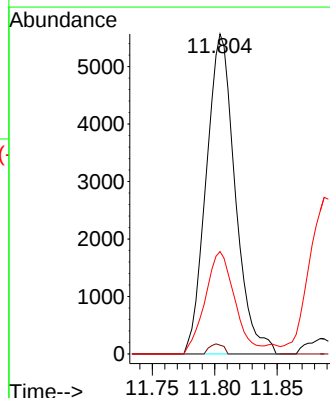
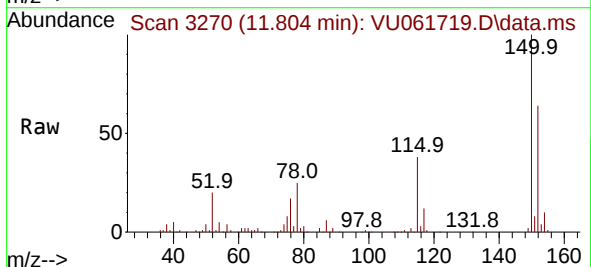
Tgt Ion: 75 Resp: 8977

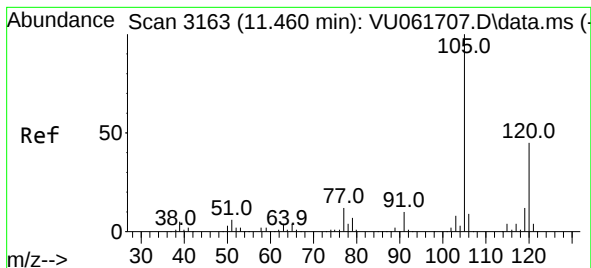
Ion Ratio Lower Upper

75 100

110 1.5 31.3 46.9#

77 33.0 26.0 39.0





#63

1,2,4-Trimethylbenzene

Concen: 0.060 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.376 min

Lab File: VU061719.D

Acq: 15 Nov 2024 14:34

Instrument :

MSVOA_U

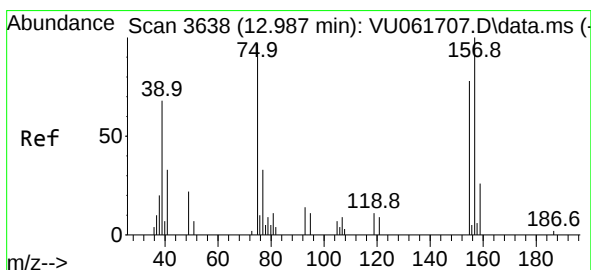
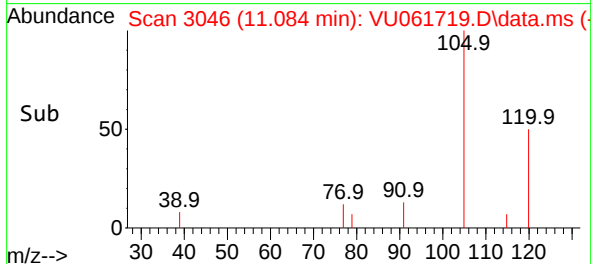
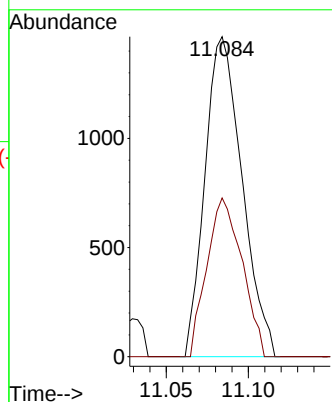
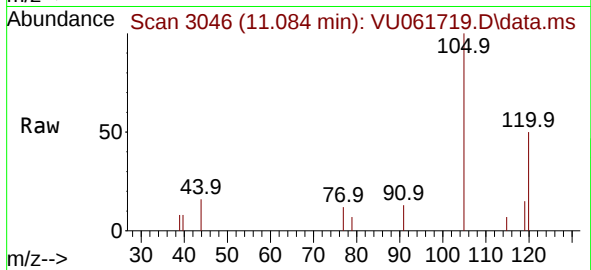
ClientSampleId :

Tgt Ion:105 Resp: 2305

Ion Ratio Lower Upper

105 100

120 46.8 36.3 54.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.128 ug/L

RT: 13.023 min Scan# 3649

Delta R.T. 0.035 min

Lab File: VU061719.D

Acq: 15 Nov 2024 14:34

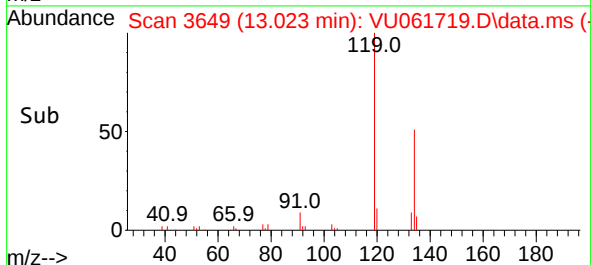
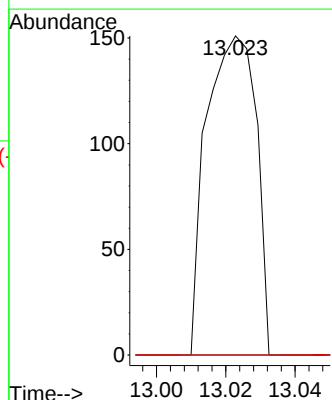
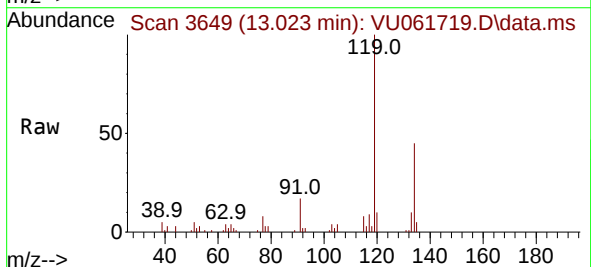
Tgt Ion: 75 Resp: 150

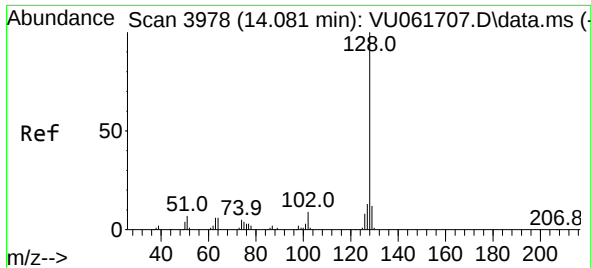
Ion Ratio Lower Upper

75 100

155 0.0 62.6 93.8#

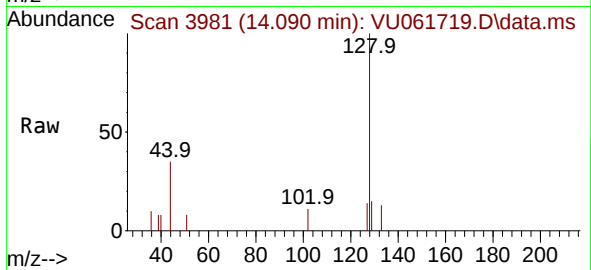
157 0.0 84.9 127.3#





#71
Naphthalene
Concen: 0.142 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU061719.D
Acq: 15 Nov 2024 14:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 2503
Ion Ratio Lower Upper
128 100
129 8.0 8.5 12.7#
127 10.3 10.4 15.6#

