

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061952.D
 Acq On : 22 Nov 2024 06:09
 Operator : MD/SY
 Sample : P4904-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG421

Quant Time: Nov 22 07:37:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 00:07:48 2024
 Response via : Initial Calibration

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

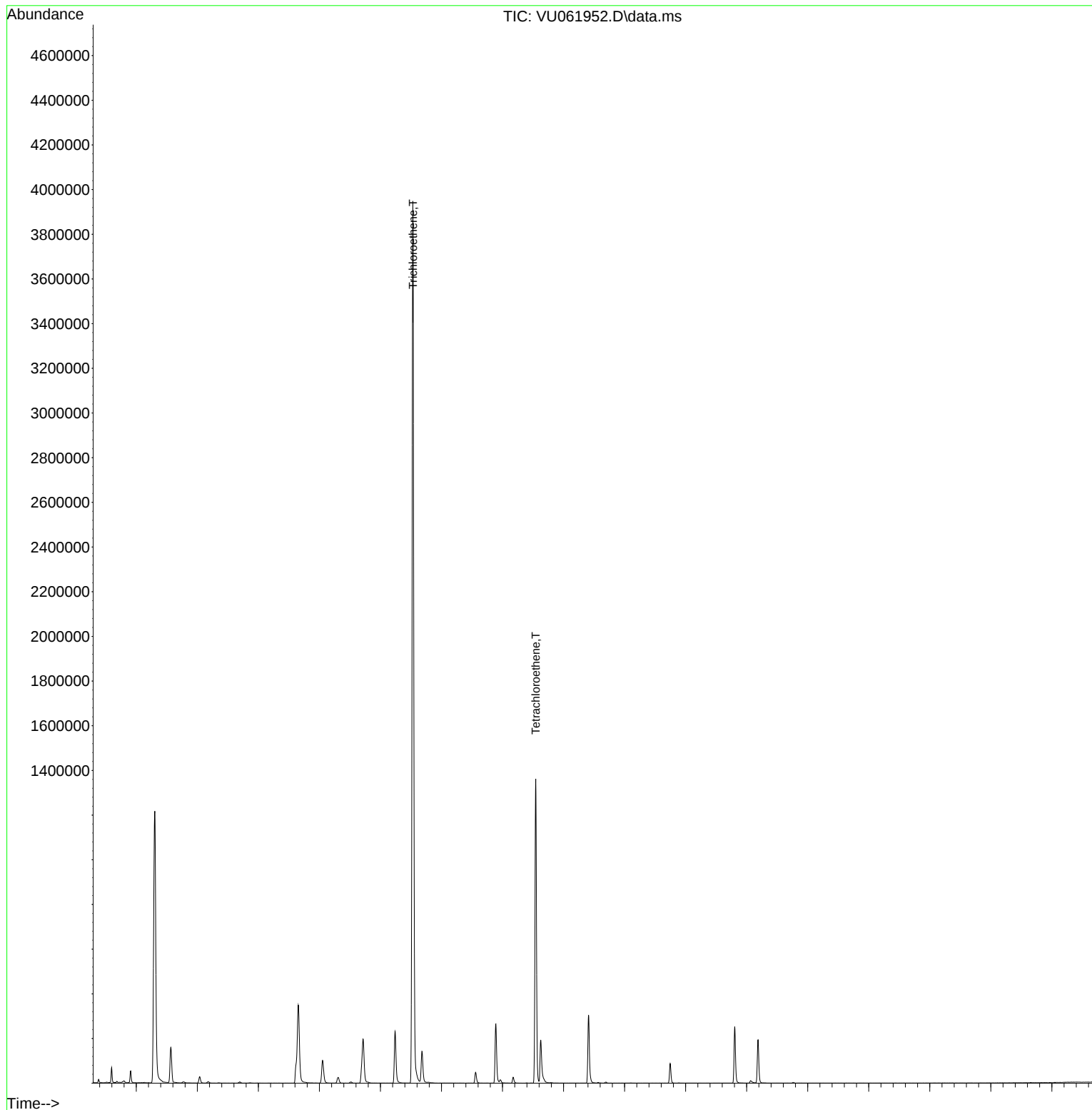
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	190839	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	172990	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46435	4.960	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.908	69	38669	4.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.560	65	20974	5.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.200%
20) 2-Butanone-d5	4.618	46	106287	36.157	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.320%
24) Chloroform-d	5.052	84	96928	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.692	65	48860	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.718	84	191015	5.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.400%
36) 1,2-Dichloropropane-d6	6.679	67	71107	6.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.200%
41) Toluene-d8	7.891	98	186869	6.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	133.000%#
43) trans-1,3-Dichloroprop...	8.174	79	16837	3.971	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.624	63	68645	35.472	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44729	3.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	53085	5.304	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	7748	0.464	ug/L	95
12) 1,1-Dichloroethene	2.573	96	26390	2.062	ug/L #	61
16) Methylene chloride	3.039	84	14144	0.920	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	181723	11.935	ug/L	99
25) Chloroform	5.078	83	5628	0.204	ug/L	92
29) 1,1,1-Trichloroethane	5.306	97	19338	0.970	ug/L	99
31) Carbon tetrachloride	5.518	117	4041	0.239	ug/L	99
34) Trichloroethene	6.531	95	1423319	102.080	ug/L	99
42) Toluene	7.965	91	11383	0.208	ug/L	98
47) Tetrachloroethene	8.544	164	302007	29.781	ug/L	97

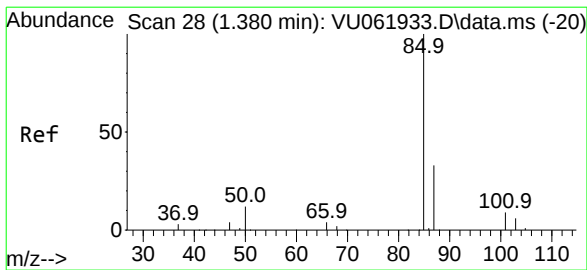
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
Data File : VU061952.D
Acq On : 22 Nov 2024 06:09
Operator : MD/SY
Sample : P4904-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG421

Quant Time: Nov 22 07:37:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 00:07:48 2024
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.464 ug/L

RT: 1.383 min Scan# 29

Delta R.T. 0.003 min

Lab File: VU061952.D

Acq: 22 Nov 2024 06:09

Instrument :

MSVOA_U

ClientSampleId :

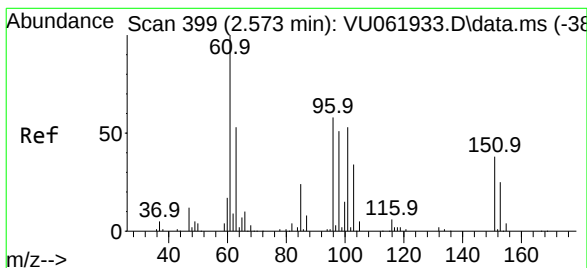
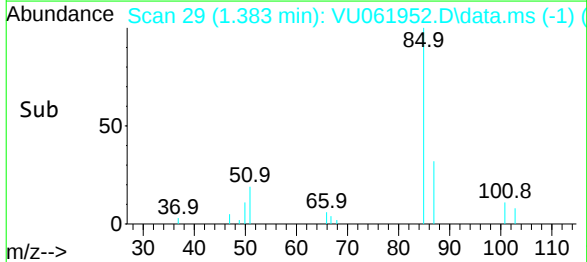
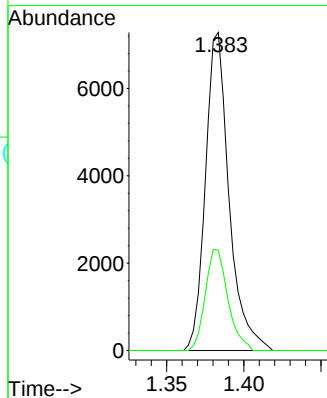
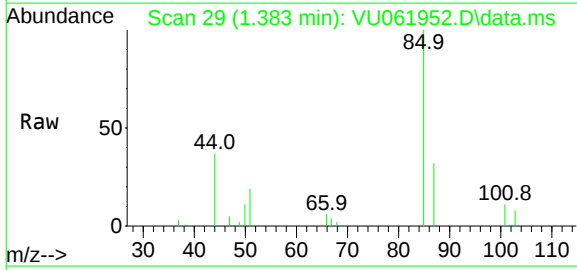
BG421

Tgt Ion: 85 Resp: 7748

Ion Ratio Lower Upper

85 100

87 30.4 26.6 40.0



#12

1,1-Dichloroethene

Concen: 2.062 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU061952.D

Acq: 22 Nov 2024 06:09

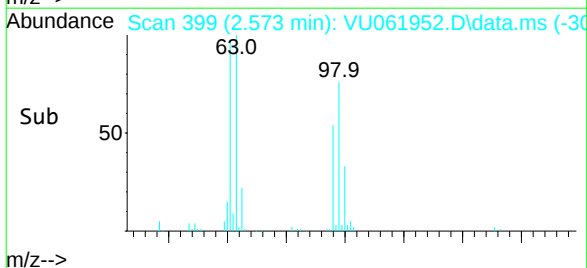
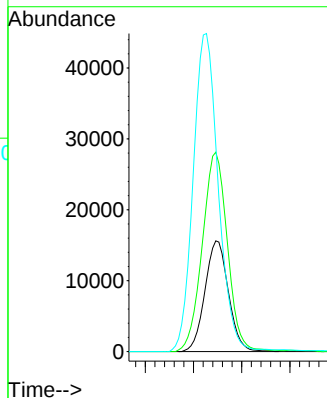
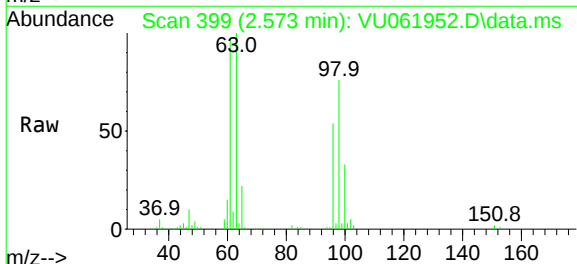
Tgt Ion: 96 Resp: 26390

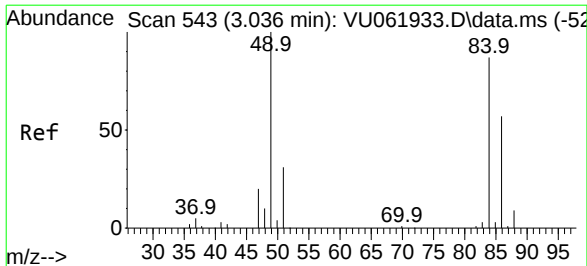
Ion Ratio Lower Upper

96 100

61 180.1 119.6 222.2

63 186.6 65.0 120.6#





#16

Methylene chloride

Concen: 0.920 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

Lab File: VU061952.D

Acq: 22 Nov 2024 06:09

Instrument :

MSVOA_U

ClientSampleId :

BG421

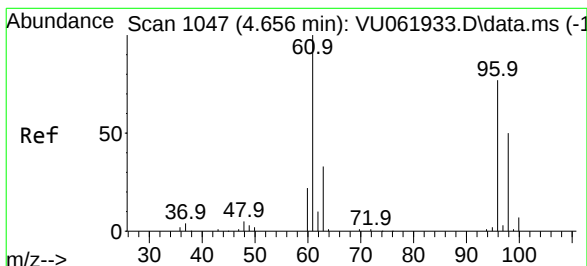
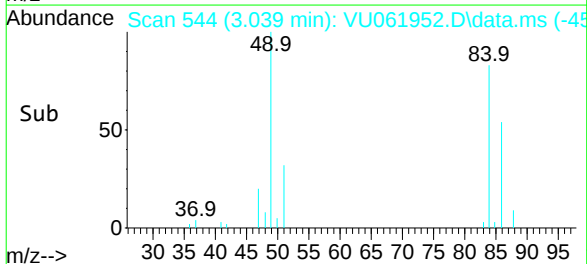
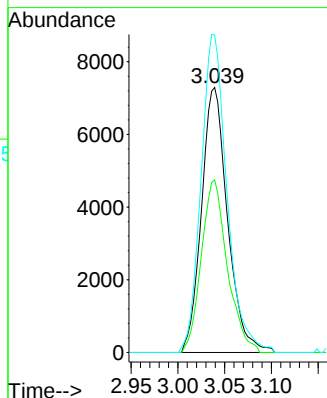
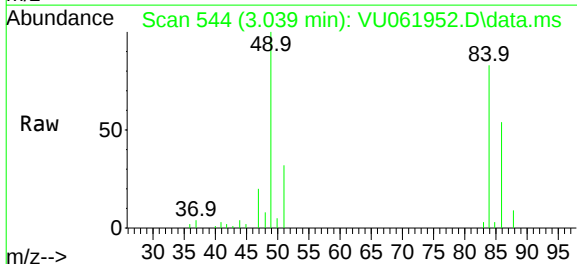
Tgt Ion: 84 Resp: 14144

Ion Ratio Lower Upper

84 100

86 65.2 43.5 80.7

49 119.8 81.9 152.1



#22

cis-1,2-Dichloroethene

Concen: 11.935 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU061952.D

Acq: 22 Nov 2024 06:09

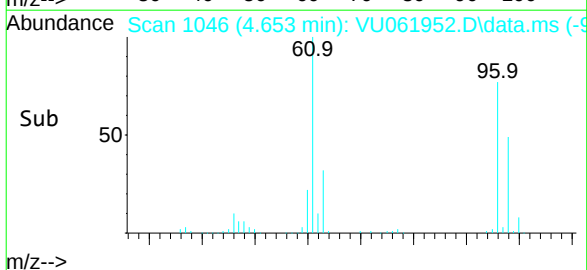
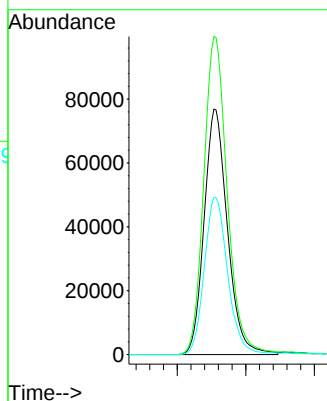
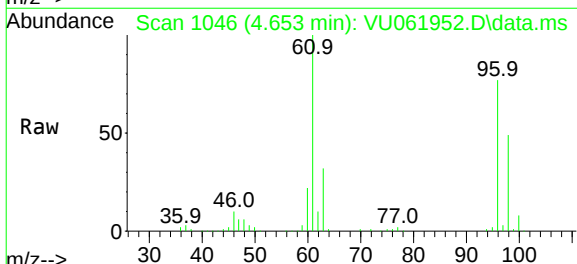
Tgt Ion: 96 Resp: 181723

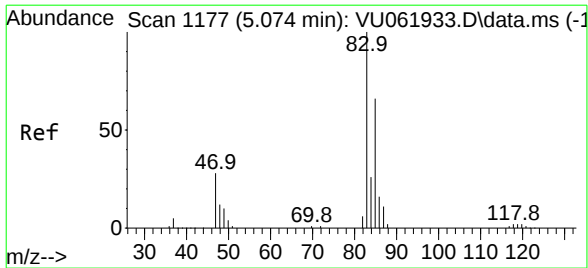
Ion Ratio Lower Upper

96 100

61 129.6 92.0 170.8

98 64.0 44.5 82.7

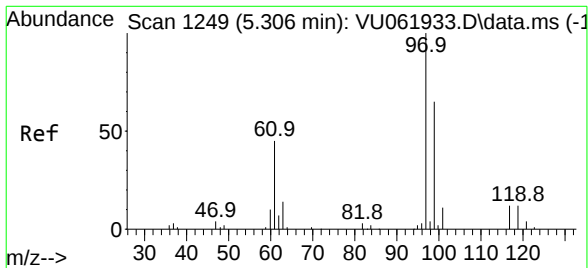
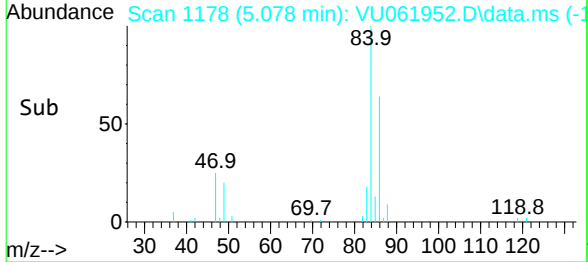
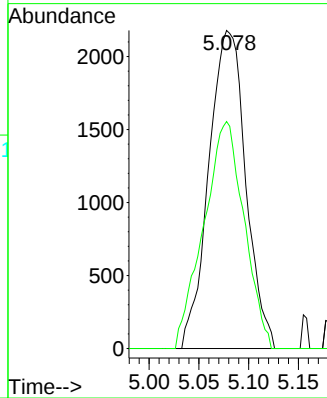
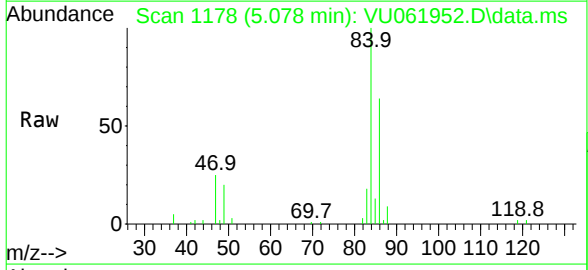




#25
Chloroform
Concen: 0.204 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU061952.D
Acq: 22 Nov 2024 06:09

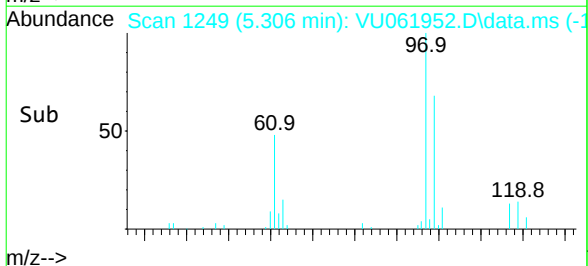
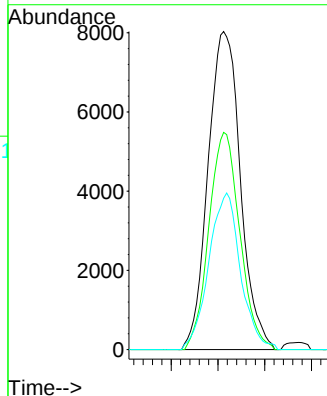
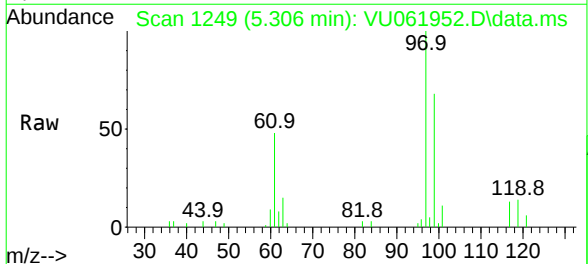
Instrument :
MSVOA_U
ClientSampleId :
BG421

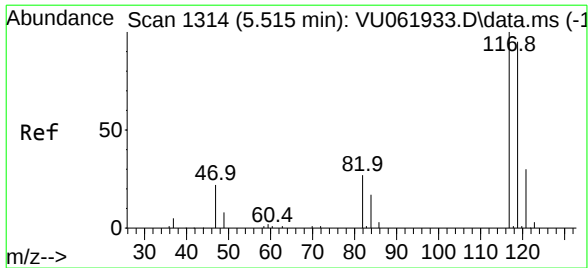
Tgt Ion: 83 Resp: 5628
Ion Ratio Lower Upper
83 100
85 71.4 45.4 84.2



#29
1,1,1-Trichloroethane
Concen: 0.970 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061952.D
Acq: 22 Nov 2024 06:09

Tgt Ion: 97 Resp: 19338
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 48.0 37.8 56.6

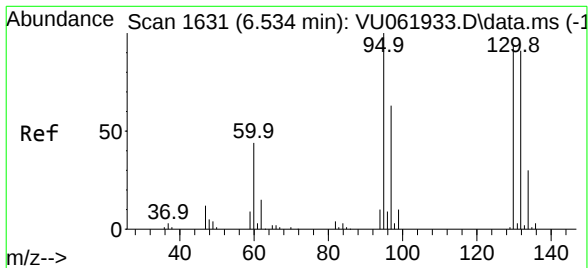
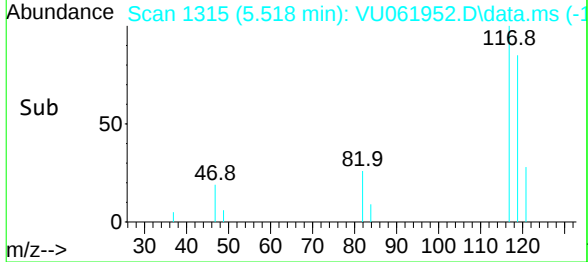
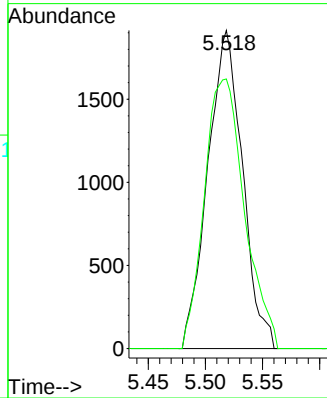
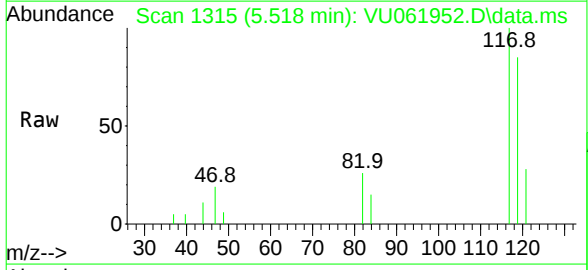




#31
Carbon tetrachloride
Concen: 0.239 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU061952.D
Acq: 22 Nov 2024 06:09

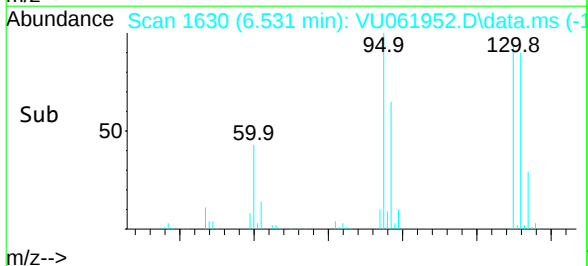
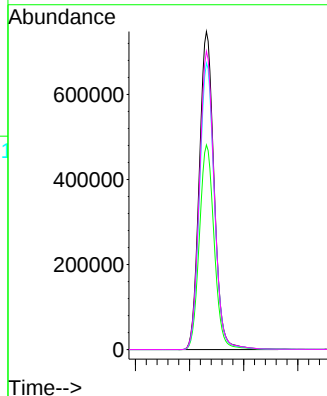
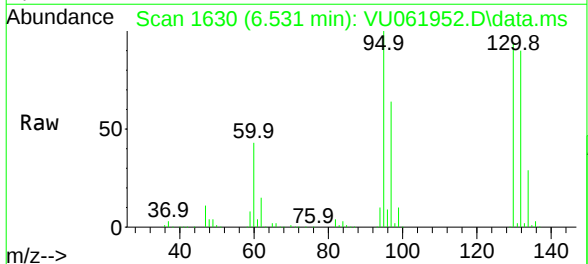
Instrument :
MSVOA_U
ClientSampleId :
BG421

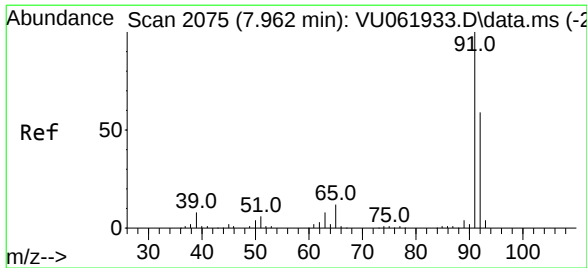
Tgt Ion:117 Resp: 4041
Ion Ratio Lower Upper
117 100
119 98.0 77.5 116.3



#34
Trichloroethene
Concen: 102.080 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU061952.D
Acq: 22 Nov 2024 06:09

Tgt Ion: 95 Resp: 1423319
Ion Ratio Lower Upper
95 100
97 64.3 45.9 85.3
132 90.1 63.8 118.4
130 93.8 65.5 121.7





#42

Toluene

Concen: 0.208 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061952.D

Acq: 22 Nov 2024 06:09

Instrument :

MSVOA_U

ClientSampleId :

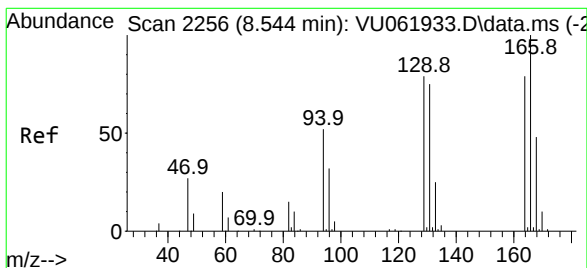
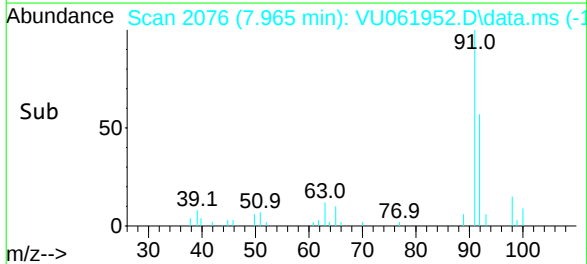
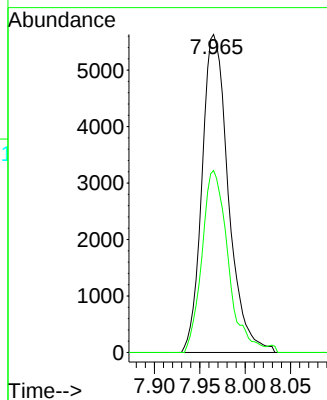
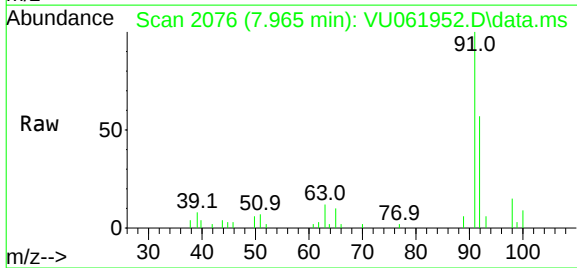
BG421

Tgt Ion: 91 Resp: 11383

Ion Ratio Lower Upper

91 100

92 57.2 39.0 72.4



#47

Tetrachloroethene

Concen: 29.781 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061952.D

Acq: 22 Nov 2024 06:09

Tgt Ion: 164 Resp: 302007

Ion Ratio Lower Upper

164 100

129 101.3 73.2 136.0

131 98.5 72.3 134.3

166 127.3 90.2 167.4

