

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041783.D
 Acq On : 23 Dec 2020 15:25
 Operator : SY/MD
 Sample : L5185-07DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S5DL

Quant Time: Dec 24 01:11:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124839	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53865	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36645	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.92	69	39644	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.58	63	54787	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.67	46	130990	46.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.44%
24) Chloroform-d	5.08	84	75199	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.72	65	43963	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.75	84	142905	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.70	67	48561	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.91	98	117928	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	8.19	79	18845	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.64	63	114822	42.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44981	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	43649	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

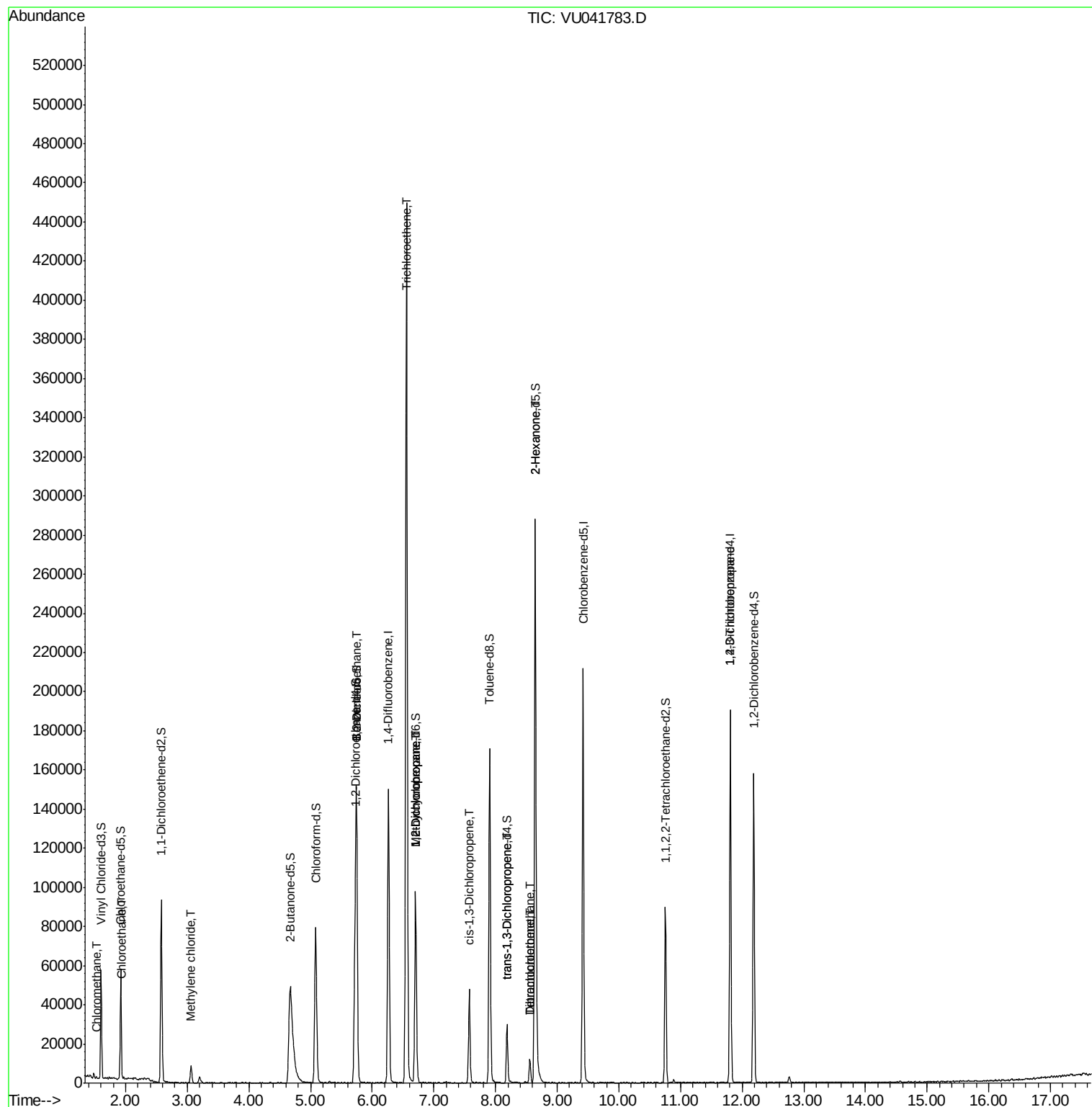
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	805	0.078	ug/L #	81
8) Chloroethane	1.94	64	538	0.070	ug/L #	44
16) Methylene chloride	3.06	84	4636	0.458	ug/L	97
27) 1,2-Dichloroethane	5.74	62	525	0.047	ug/L #	73
34) Trichloroethene	6.56	95	158477	15.983	ug/L	96
35) Methylcyclohexane	6.70	83	11477	0.716	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5368	0.532	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1158	0.077	ug/L #	78
44) trans-1,3-Dichloropropene	8.18	75	736	0.055	ug/L #	78
47) Tetrachloroethene	8.56	164	3104	0.447	ug/L	87
48) 2-Hexanone	8.64	43	12516	2.395	ug/L #	67
49) Dibromochloromethane	8.56	129	3258	0.380	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	5433	0.717	ug/L	91

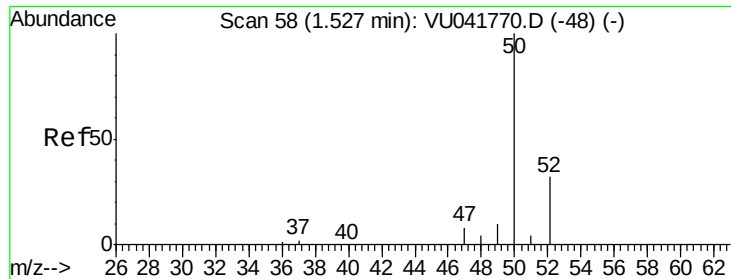
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.078 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041783.D

Acq: 23 Dec 2020 15:25

Instrument :

MSVOA_U

ClientSampleId :

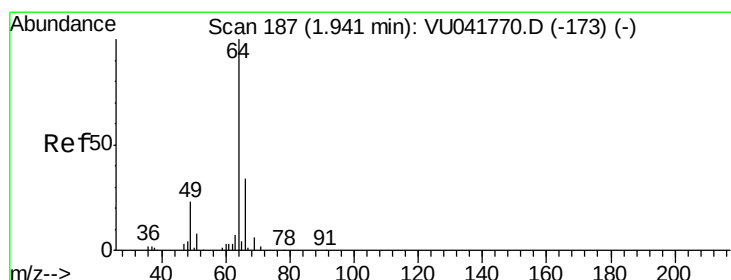
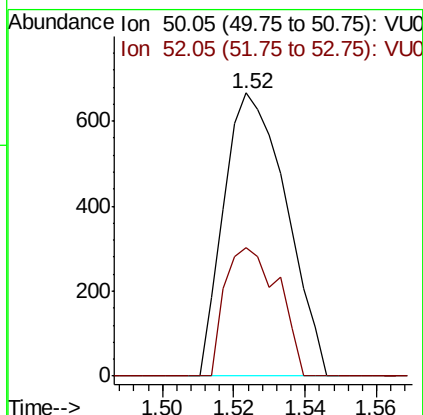
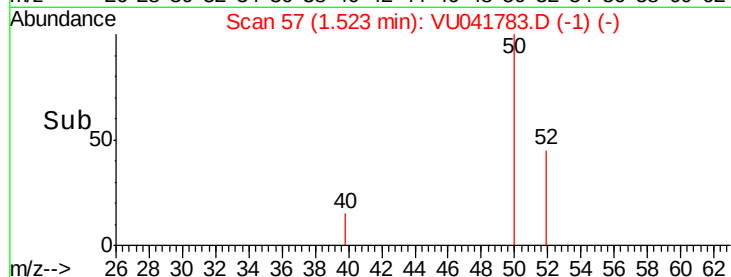
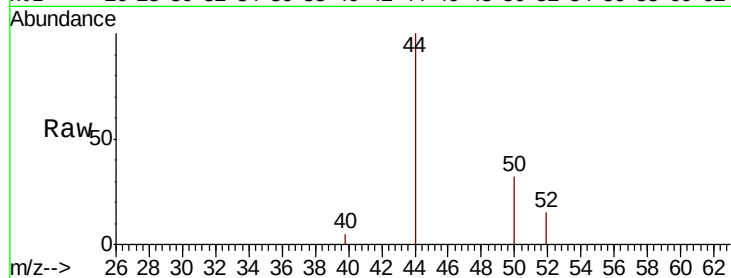
BG4S5DL

Tot Ion: 50 Resp: 805

Ion Ratio Lower Upper

50 100

52 45.3 24.1 44.8#



#8

Chloroethane

Concen: 0.070 ug/L

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU041783.D

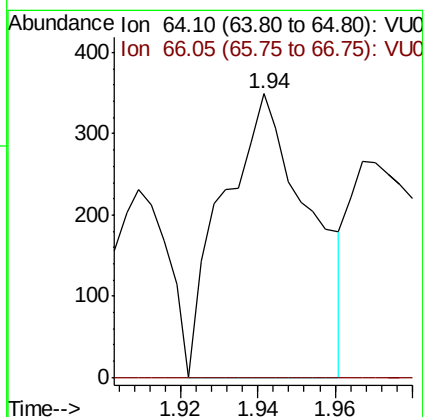
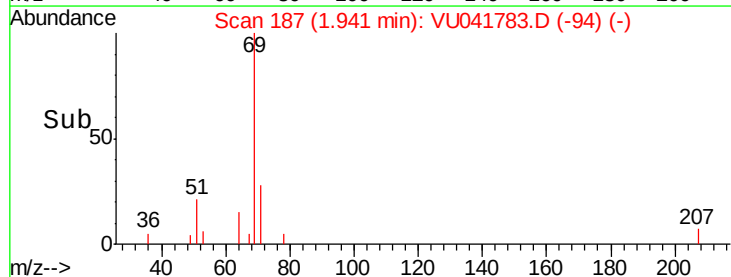
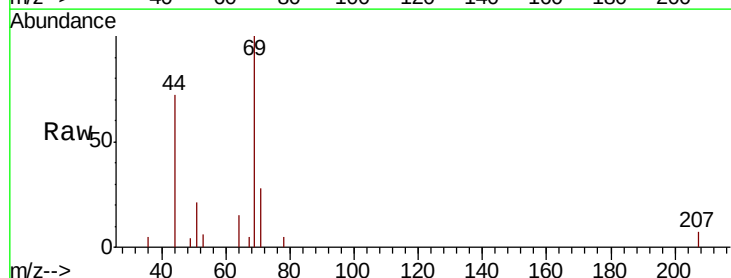
Acq: 23 Dec 2020 15:25

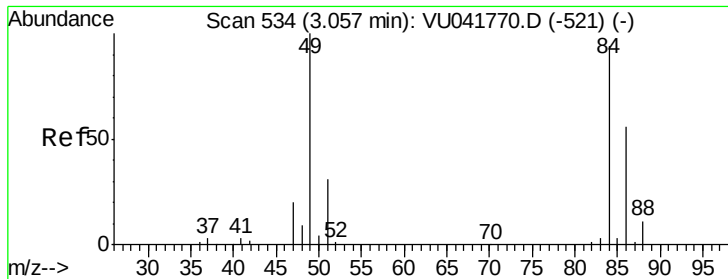
Tgt Ion: 64 Resp: 538

Ion Ratio Lower Upper

64 100

66 0.0 21.6 40.0#

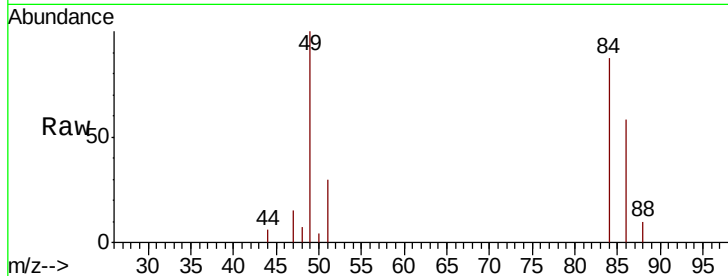




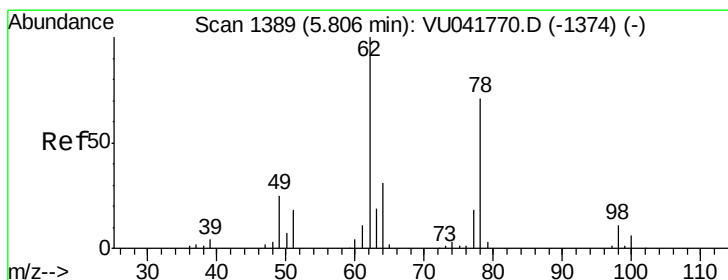
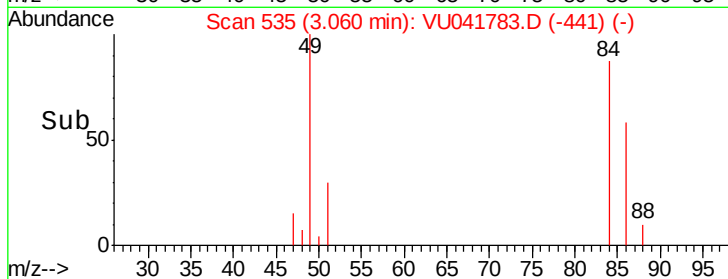
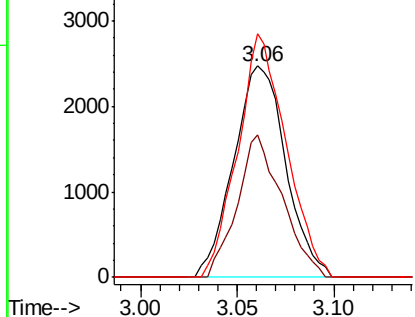
#16
Methylene chloride
Concen: 0.458 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041783.D
Acq: 23 Dec 2020 15:25

Instrument :
MSVOA_U
ClientSampleId :
BG4S5DL

Tot Ion: 84 Resp: 4636
Ion Ratio Lower Upper
84 100
86 67.3 45.1 83.7
49 115.1 83.1 154.3

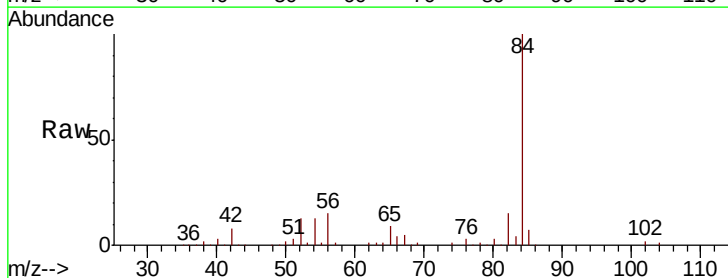


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

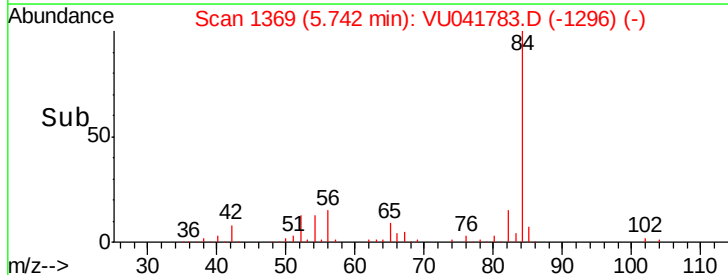
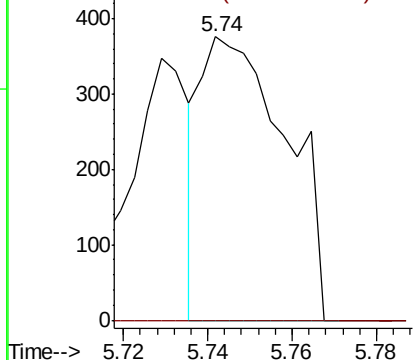


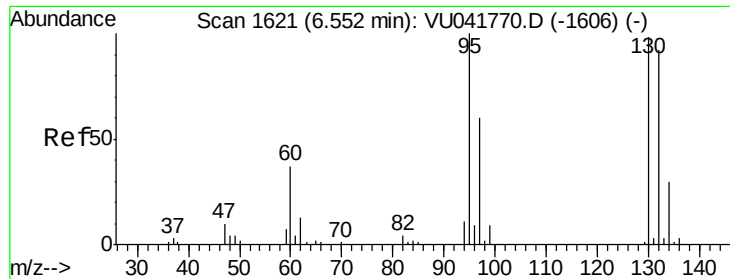
#27
1,2-Dichloroethane
Concen: 0.047 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041783.D
Acq: 23 Dec 2020 15:25

Tgt Ion: 62 Resp: 525
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0





#34

Trichloroethene

Concen: 15.983 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041783.D

Acq: 23 Dec 2020 15:25

Instrument :

MSVOA_U

ClientSampleId :

BG4S5DL

Tot Ion: 95 Resp: 158477

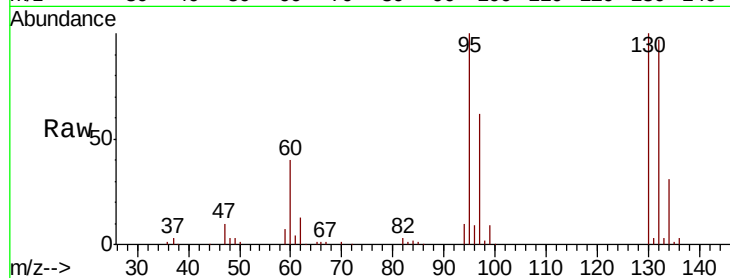
Ion Ratio Lower Upper

95 100

97 62.5 43.9 81.5

132 96.6 63.1 117.3

130 99.9 67.4 125.2

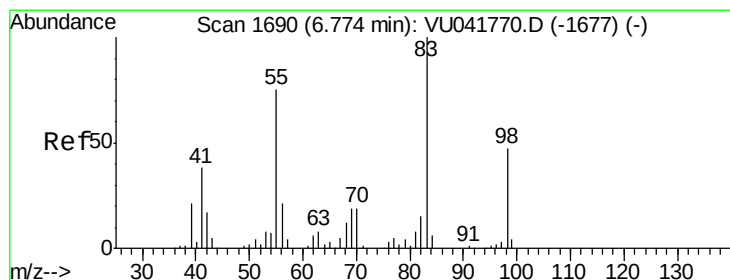
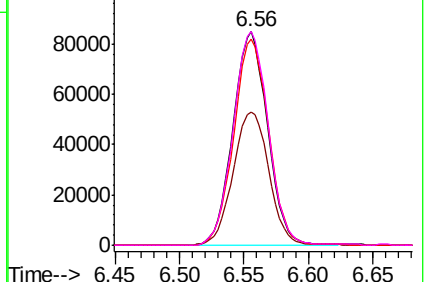
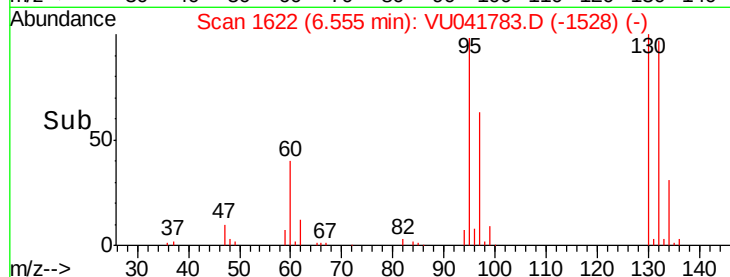


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.716 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041783.D

Acq: 23 Dec 2020 15:25

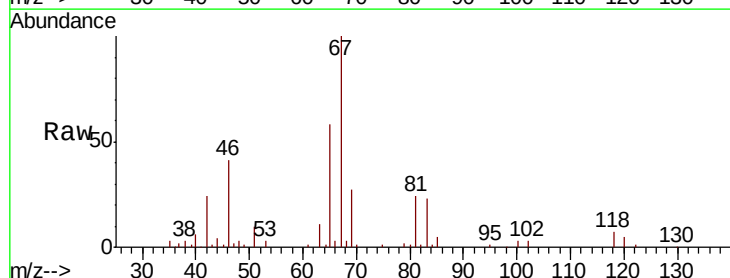
Tgt Ion: 83 Resp: 11477

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

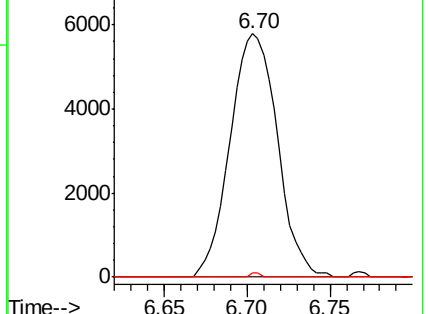
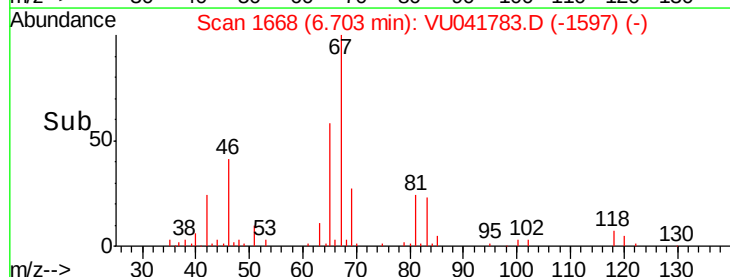
98 0.0 36.6 54.8#

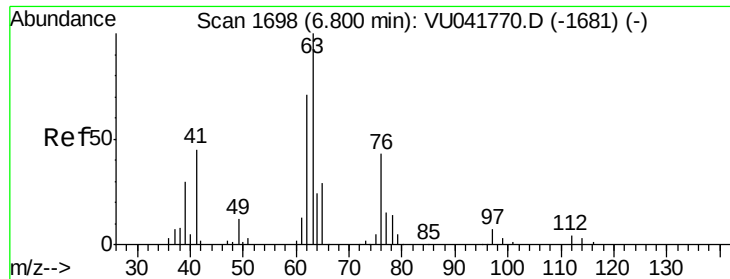


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

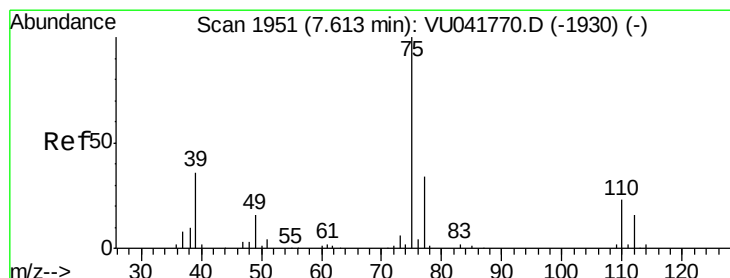
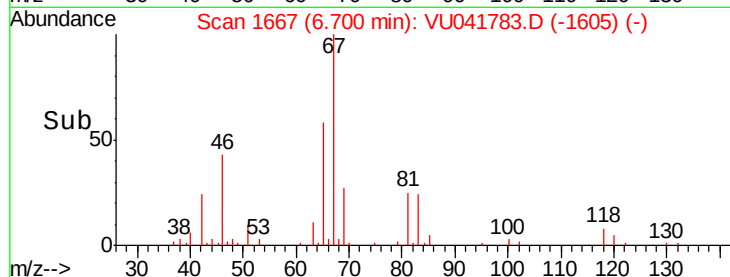
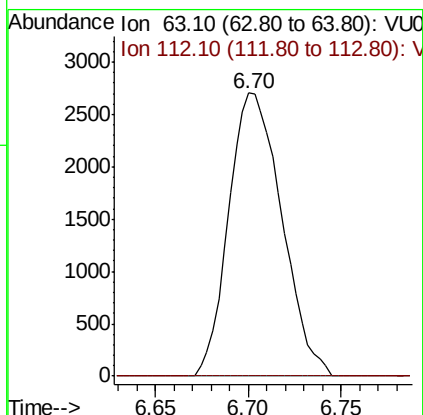
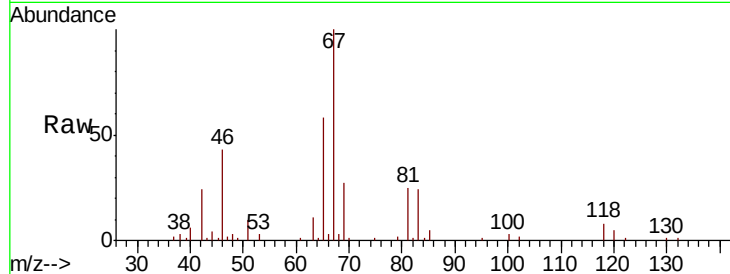




#37
 1,2-Dichloropropane
 Concen: 0.532 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041783.D
 Acq: 23 Dec 2020 15:25

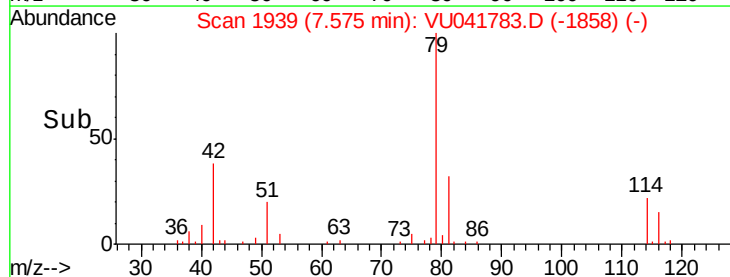
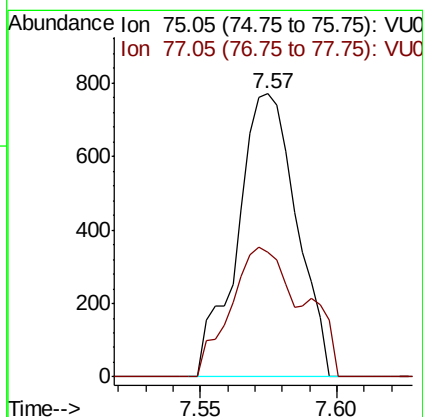
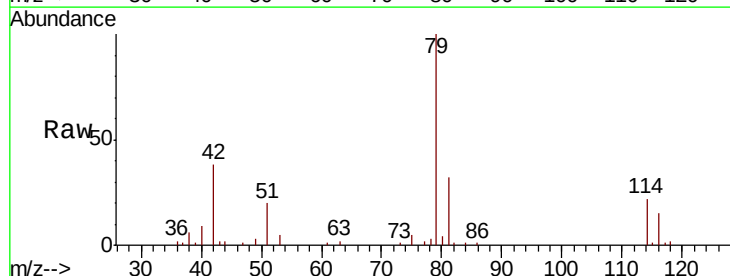
Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S5DL

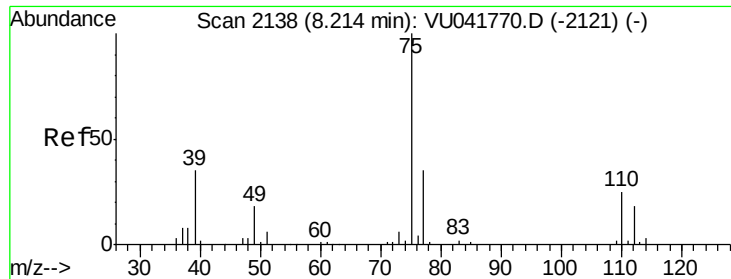
Tot Ion: 63 Resp: 5368
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041783.D
 Acq: 23 Dec 2020 15:25

Tgt Ion: 75 Resp: 1158
 Ion Ratio Lower Upper
 75 100
 77 43.8 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.055 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041783.D

Acq: 23 Dec 2020 15:25

Instrument :

MSVOA_U

ClientSampleId :

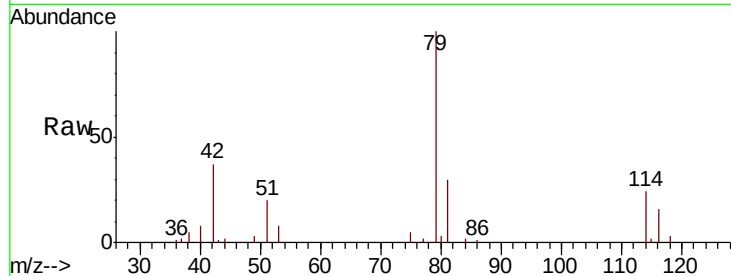
BG4S5DL

Tot Ion: 75 Resp: 736

Ion Ratio Lower Upper

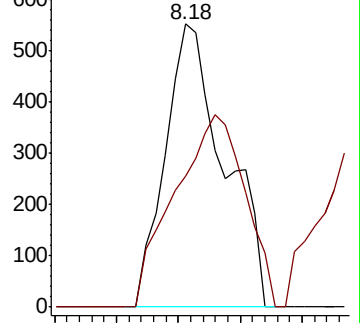
75 100

77 46.4 23.8 44.2#

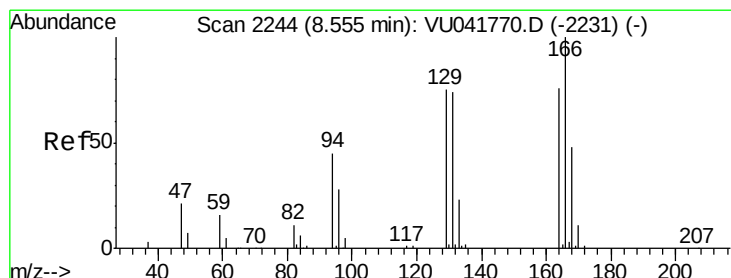
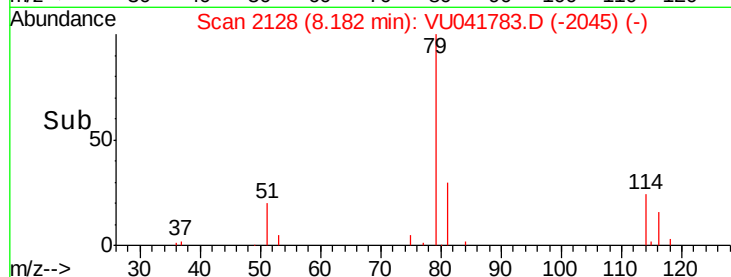


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time--> 8.14 8.16 8.18 8.20 8.22



#47

Tetrachloroethene

Concen: 0.447 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041783.D

Acq: 23 Dec 2020 15:25

Tgt Ion:164 Resp: 3104

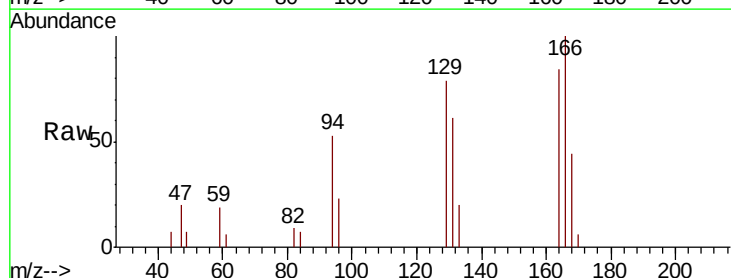
Ion Ratio Lower Upper

164 100

129 94.3 72.2 134.0

131 73.0 66.9 124.3

166 119.1 89.6 166.4

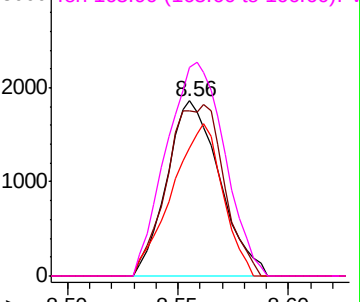


Abundance Ion 163.90 (163.60 to 164.60): V

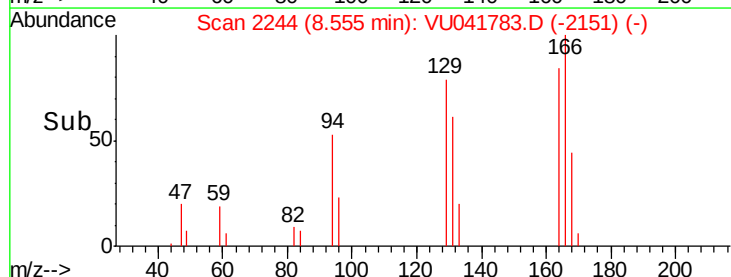
Ion 128.95 (128.65 to 129.65): V

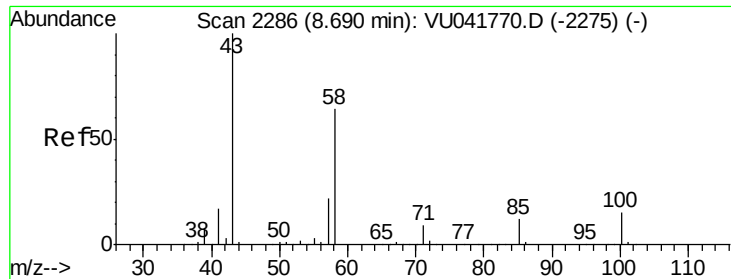
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Time--> 8.50 8.55 8.60

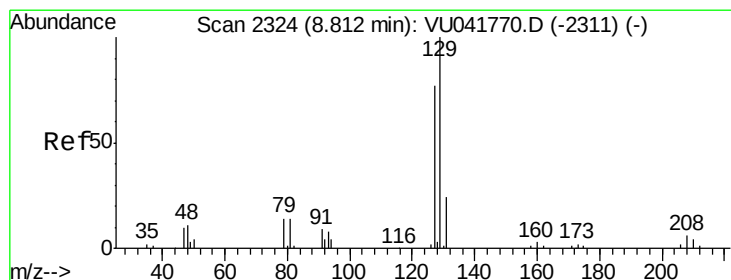
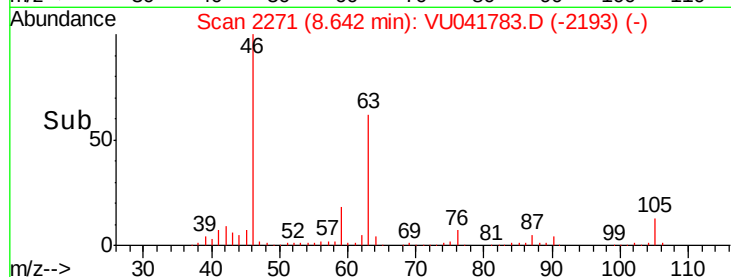
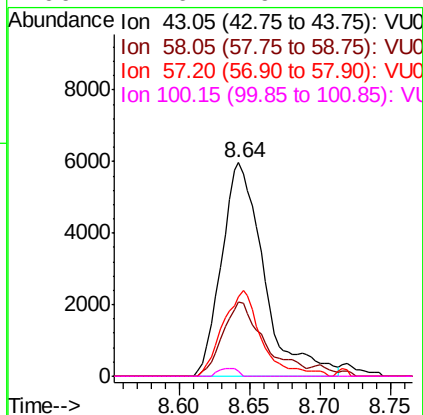
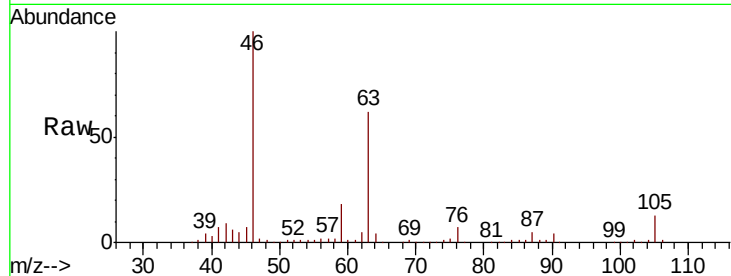




#48
2-Hexanone
Concen: 2.395 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041783.D
Acq: 23 Dec 2020 15:25

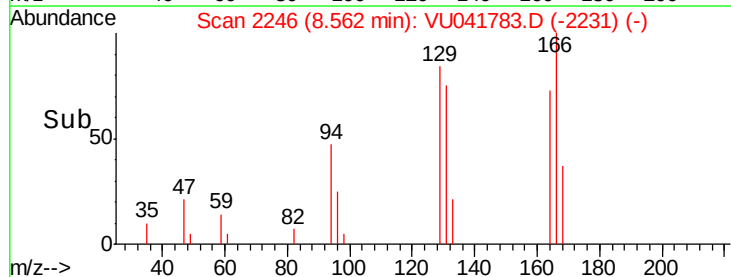
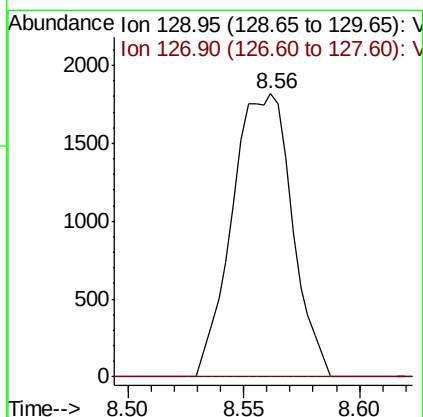
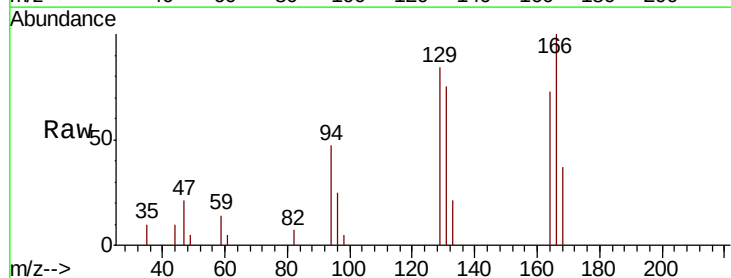
Instrument :
MSVOA_U
ClientSampleId :
BG4S5DL

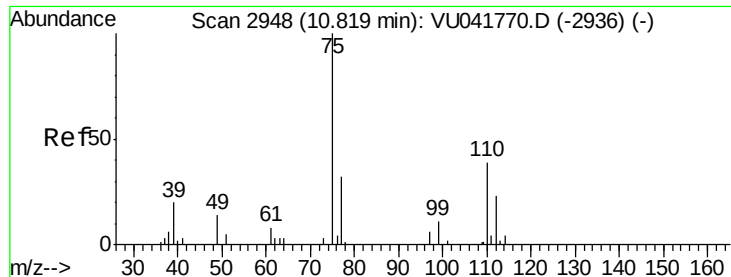
Tot Ion	Ratio	Lower	Upper
43	100		
58	33.9	47.9	71.9#
57	36.6	16.5	24.7#
100	1.6	9.4	14.2#



#49
Dibromochloromethane
Concen: 0.380 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. -0.25 min
Lab File: VU041783.D
Acq: 23 Dec 2020 15:25

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#59

1,2,3-Trichloropropane

Concen: 0.717 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041783.D

Acq: 23 Dec 2020 15:25

Instrument :

MSVOA_U

ClientSampleId :

BG4S5DL

Tot Ion: 75 Resp: 5433

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.2

