

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041749.D
 Acq On : 22 Dec 2020 18:25
 Operator : SY/MD
 Sample : L5161-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB231

Quant Time: Dec 23 05:09:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127697	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54731	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34783	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.92	69	39979	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	62382	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.66	46	161561	56.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.68%
24) Chloroform-d	5.08	84	83959	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	49395	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	158943	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	53446	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.90	98	133465	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	21203	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	143282	51.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53162	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	51883	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

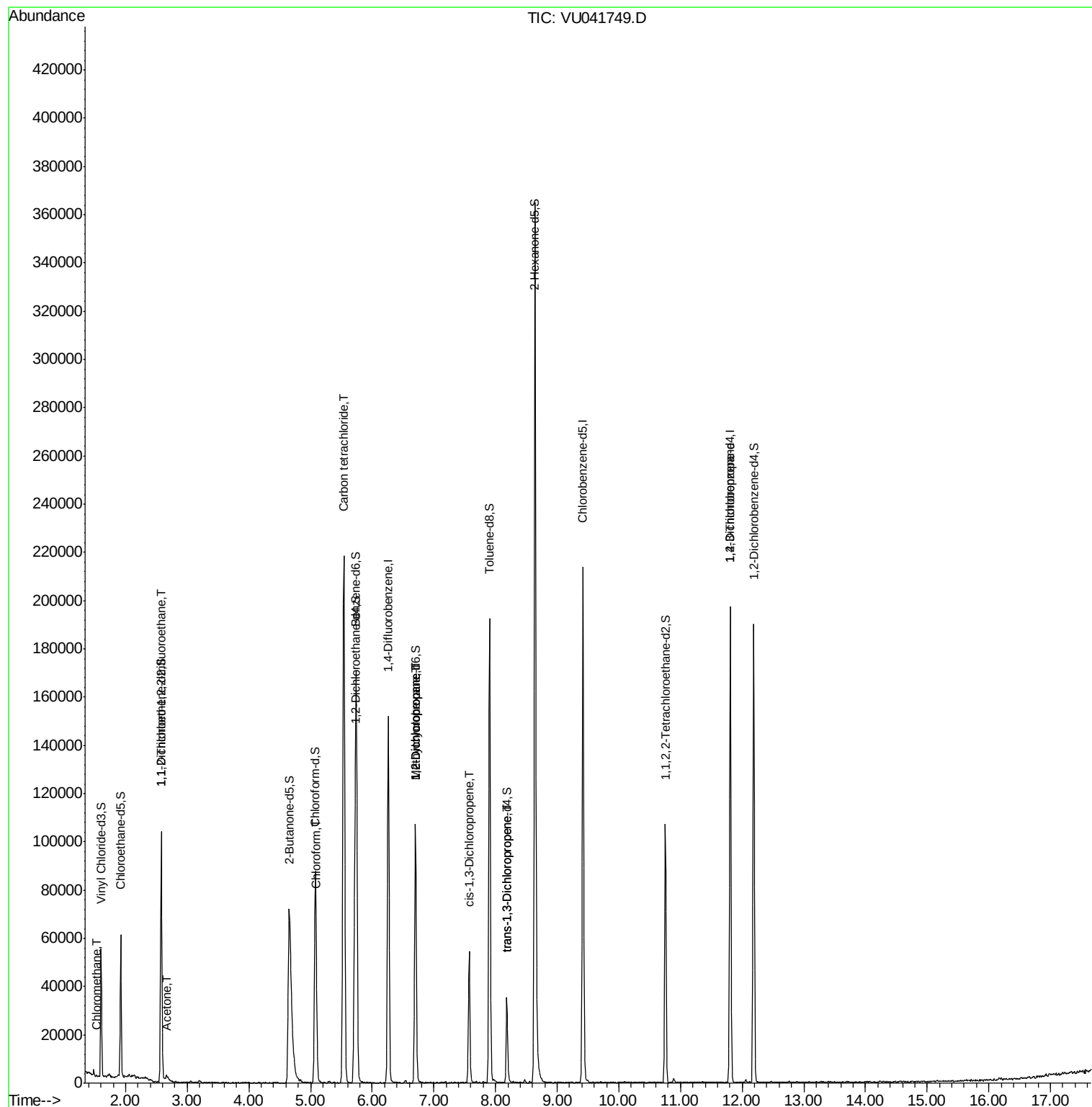
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	479	0.046	ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	730	0.083	ug/L #	22
13) Acetone	2.66	43	2294	1.258	ug/L	85
25) Chloroform	5.10	83	2631	0.156	ug/L	99
31) Carbon tetrachloride	5.54	117	154122	12.343	ug/L	99
35) Methylcyclohexane	6.70	83	12600	0.771	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5357	0.521	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1323	0.087	ug/L #	48
44) trans-1,3-Dichloropropene	8.18	75	1062	0.078	ug/L #	46
59) 1,2,3-Trichloropropane	11.81	75	5709	0.739	ug/L	91

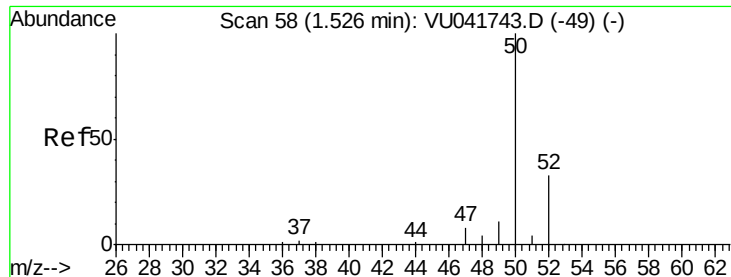
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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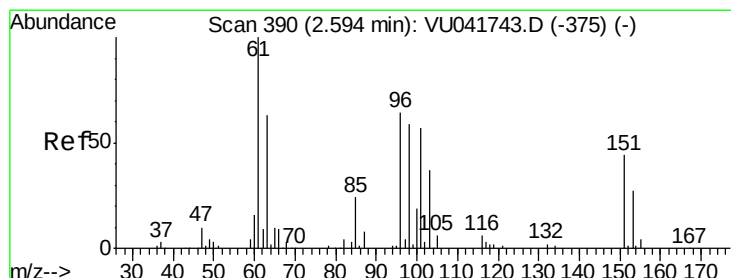
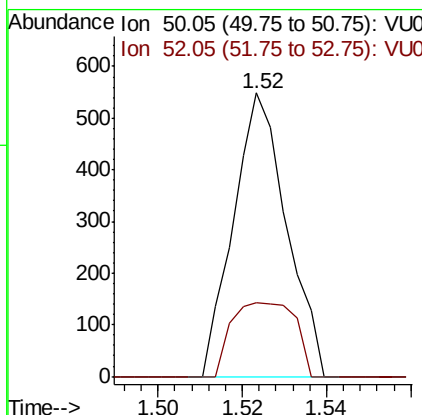
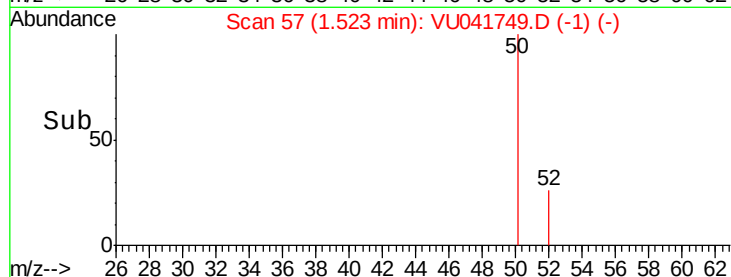
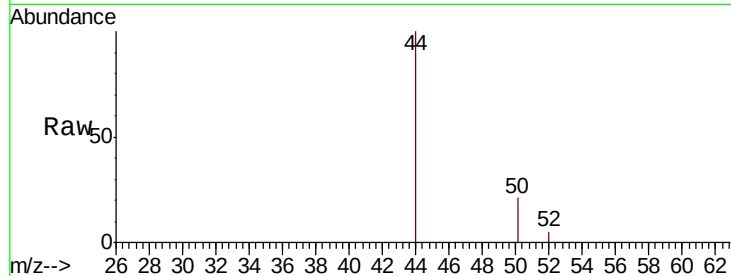




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041749.D
Acq: 22 Dec 2020 18:25

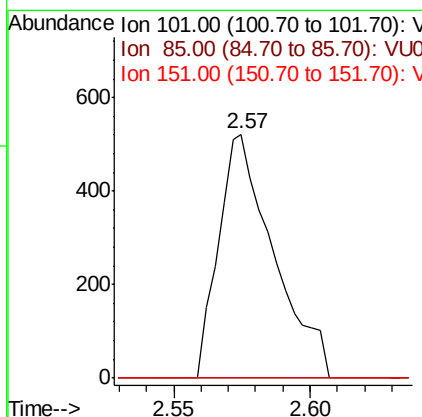
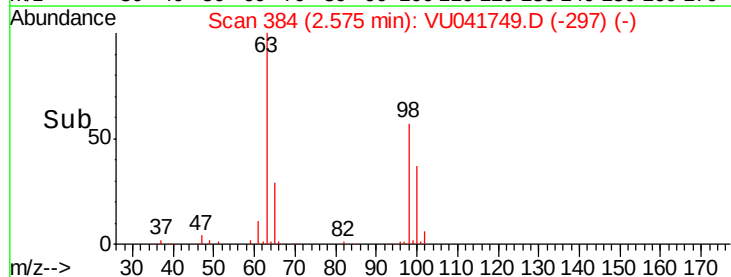
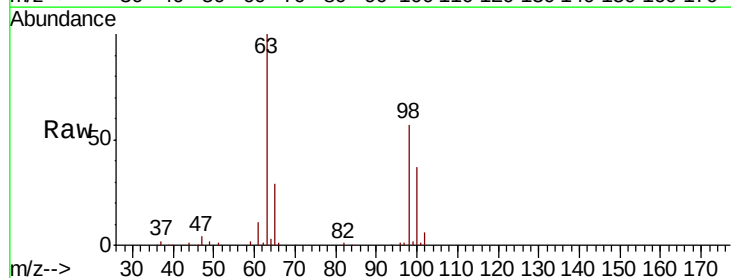
Instrument :
MSVOA_U
ClientSampleId :
GB231

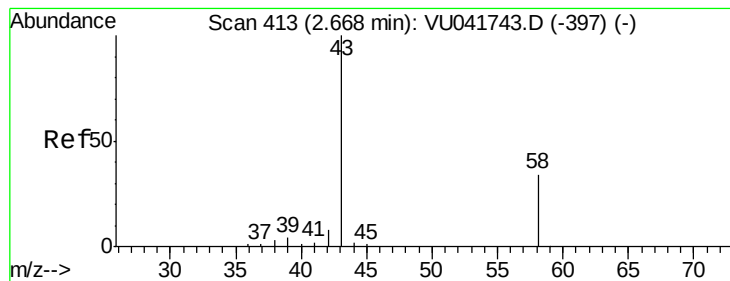
Tot Ion: 50 Resp: 479
Ion Ratio Lower Upper
50 100
52 26.1 24.1 44.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.083 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041749.D
Acq: 22 Dec 2020 18:25

Tgt Ion: 101 Resp: 730
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 56.2 84.4#





#13

Acetone

Concen: 1.258 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU041749.D

Acq: 22 Dec 2020 18:25

Instrument :

MSVOA_U

ClientSampled :

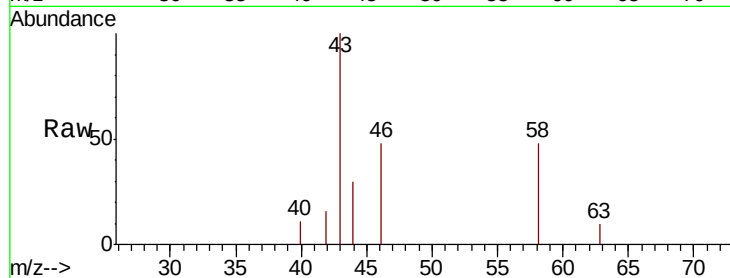
GB231

Tot Ion: 43 Resp: 2294

Ion Ratio Lower Upper

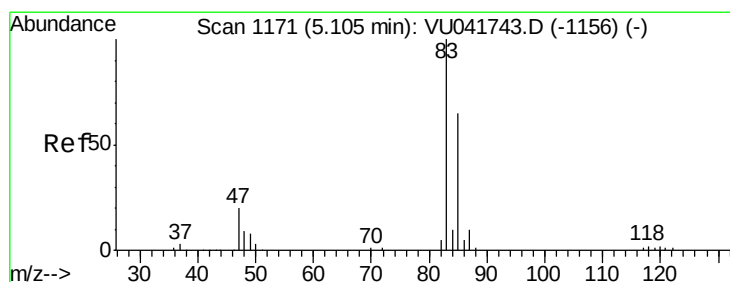
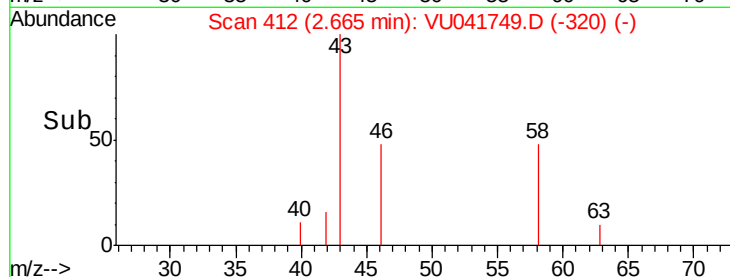
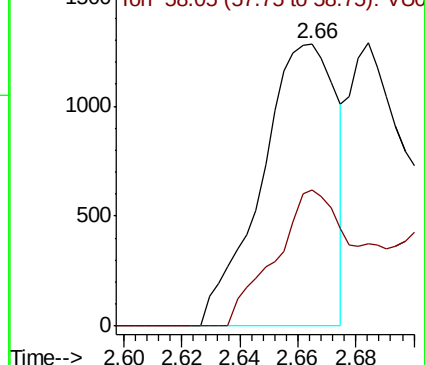
43 100

58 45.5 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041743.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU041743.D (-397) (-)



#25

Chloroform

Concen: 0.156 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU041749.D

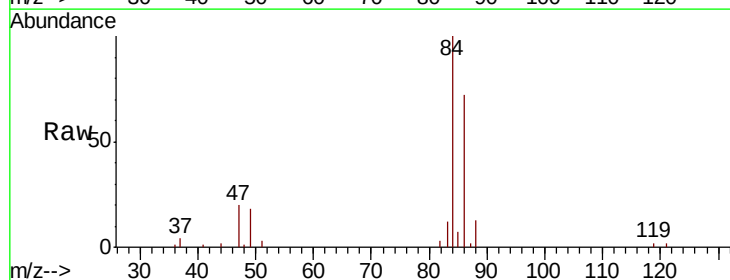
Acq: 22 Dec 2020 18:25

Tgt Ion: 83 Resp: 2631

Ion Ratio Lower Upper

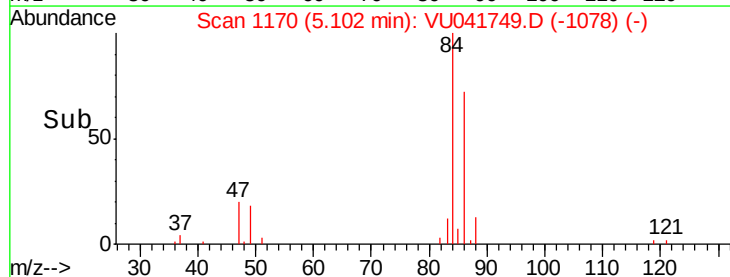
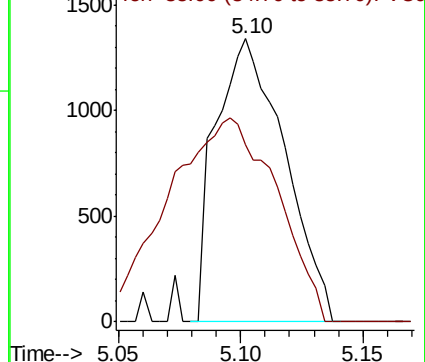
83 100

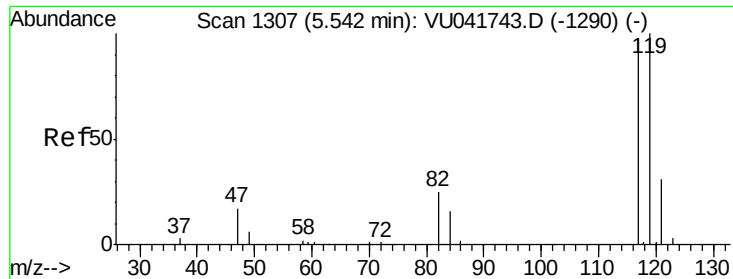
85 62.4 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU041743.D (-1156) (-)

Ion 85.00 (84.70 to 85.70): VU041743.D (-1156) (-)

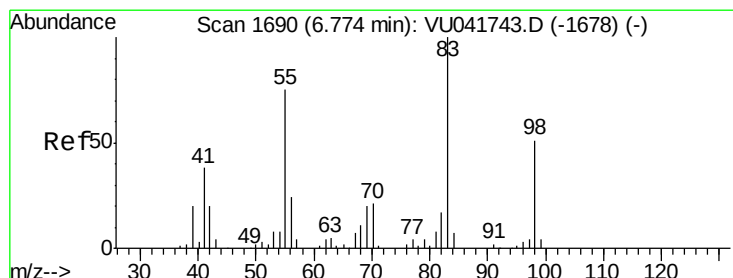
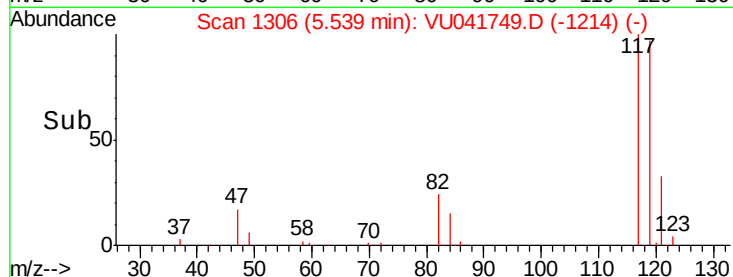
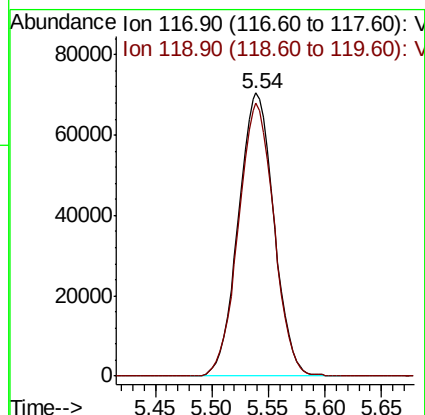
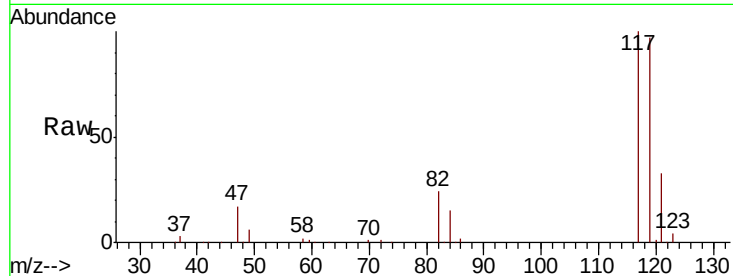




#31
Carbon tetrachloride
Concen: 12.343 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041749.D
Acq: 22 Dec 2020 18:25

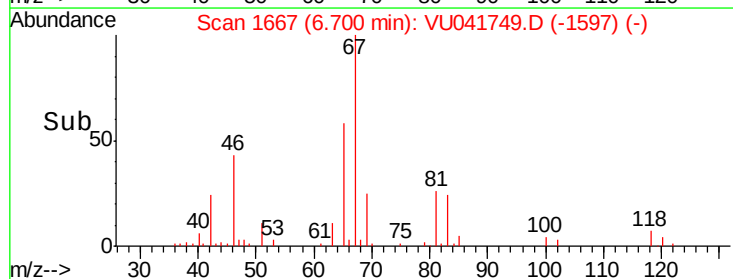
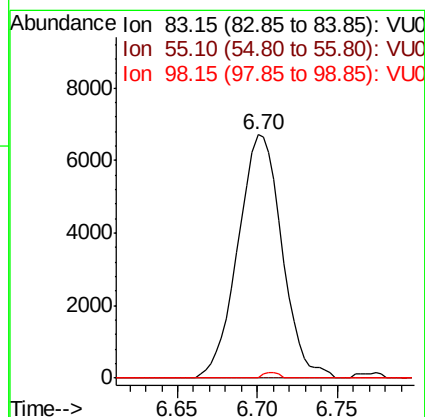
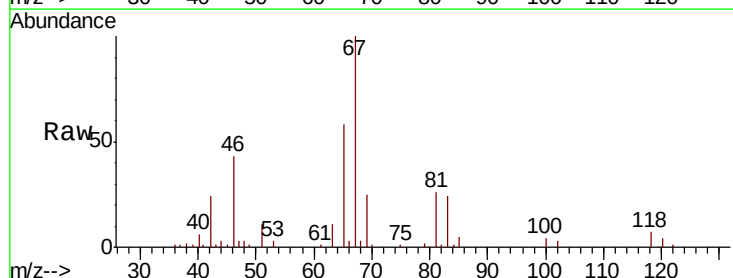
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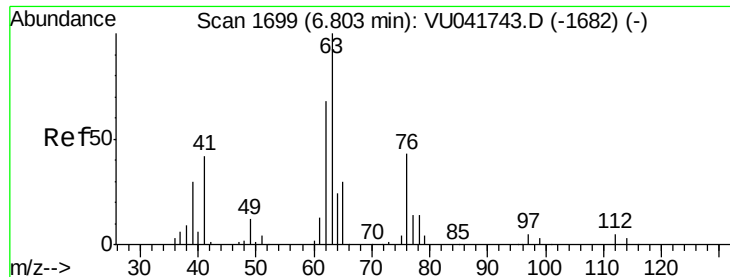
Tot Ion:117 Resp: 154122
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.2



#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041749.D
Acq: 22 Dec 2020 18:25

Tgt Ion: 83 Resp: 12600
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.9 36.6 54.8#

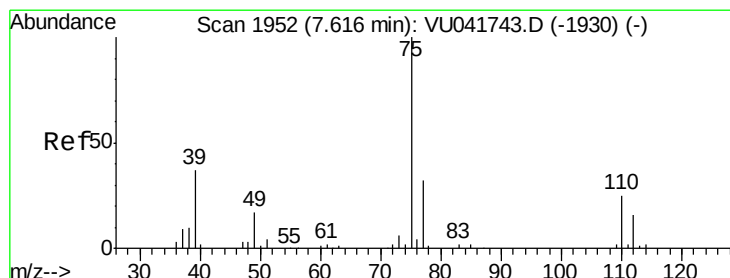
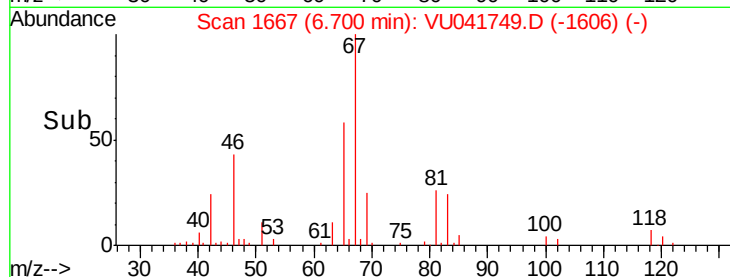
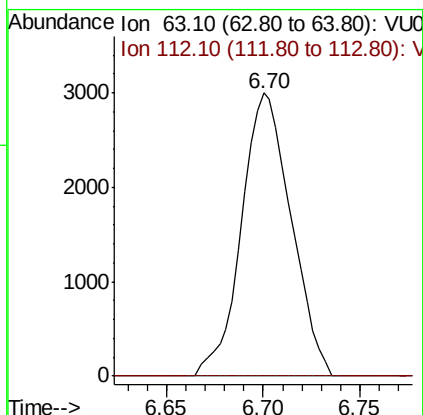
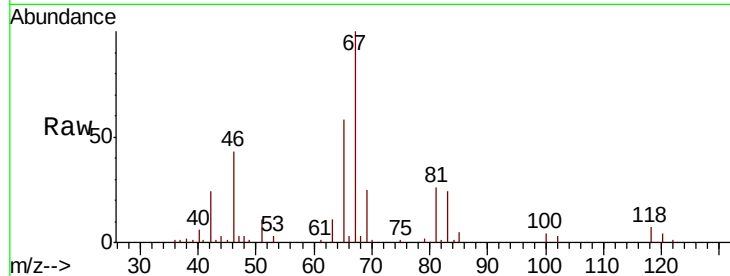




#37
 1,2-Dichloropropane
 Concen: 0.521 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041749.D
 Acq: 22 Dec 2020 18:25

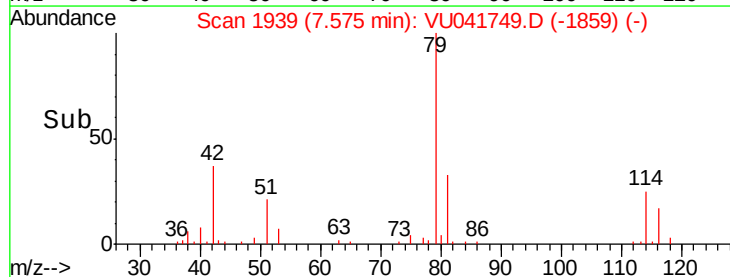
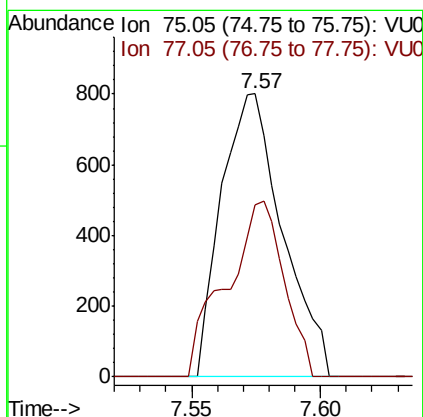
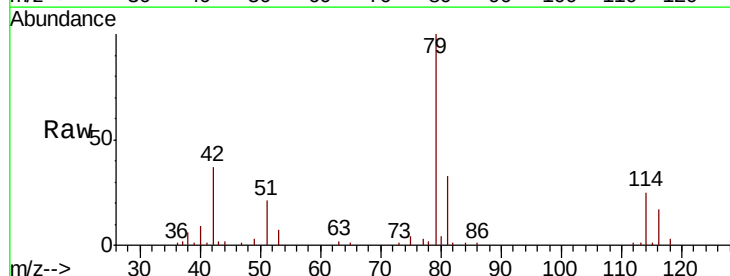
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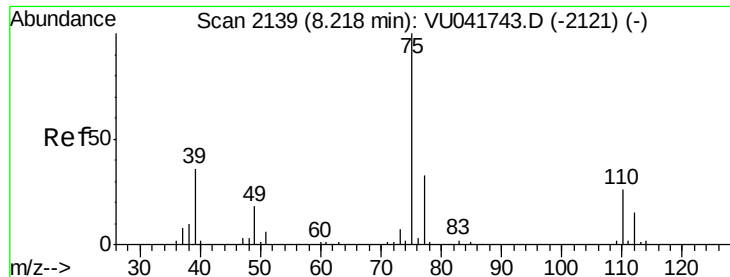
Tot Ion: 63 Resp: 5357
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041749.D
 Acq: 22 Dec 2020 18:25

Tgt Ion: 75 Resp: 1323
 Ion Ratio Lower Upper
 75 100
 77 60.5 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.04 min

Lab File: VU041749.D

Acq: 22 Dec 2020 18:25

Instrument :

MSVOA_U

ClientSampleId :

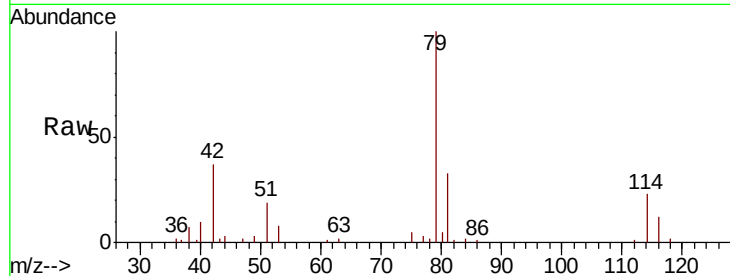
GB231

Tot Ion: 75 Resp: 1062

Ion Ratio Lower Upper

75 100

77 65.2 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

600

400

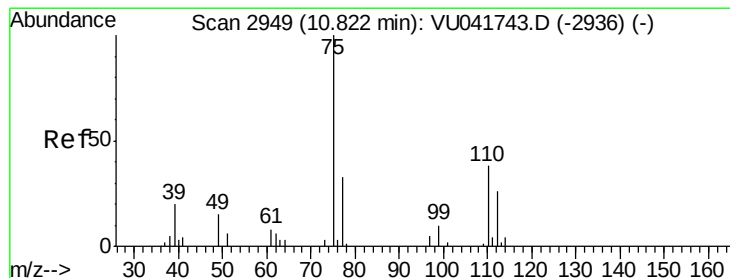
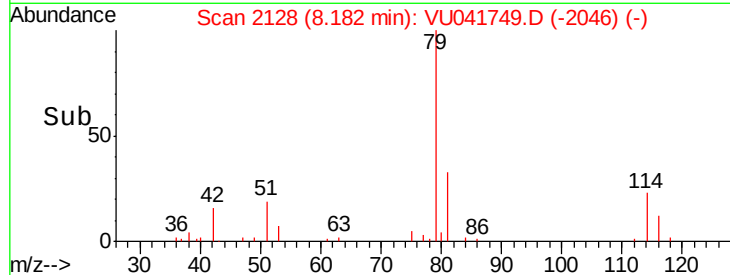
200

0

8.15 8.20

8.18

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.739 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041749.D

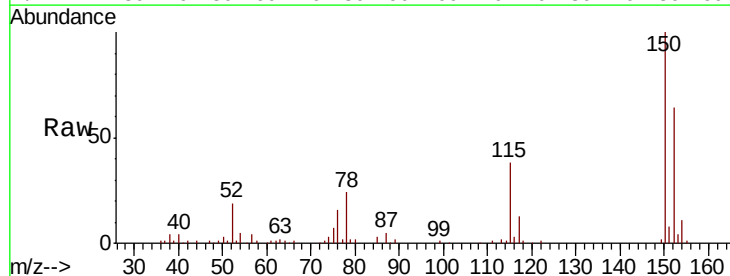
Acq: 22 Dec 2020 18:25

Tgt Ion: 75 Resp: 5709

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

4000

3000

2000

1000

0

11.75 11.80 11.85

11.81

Time-->

