

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101520\
 Data File : VU040715.D
 Acq On : 15 Oct 2020 13:13
 Operator : SY/MD
 Sample : L4401-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG193

Quant Time: Oct 16 04:31:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 04:23:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117047	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125355	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	43447	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.92	69	39028	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	69618	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.66	46	177324	57.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.28%
24) Chloroform-d	5.08	84	90388	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.72	65	55777	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.74	84	166640	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	56555	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	134456	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.19	79	21543	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	124230	50.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51746	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	57325	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

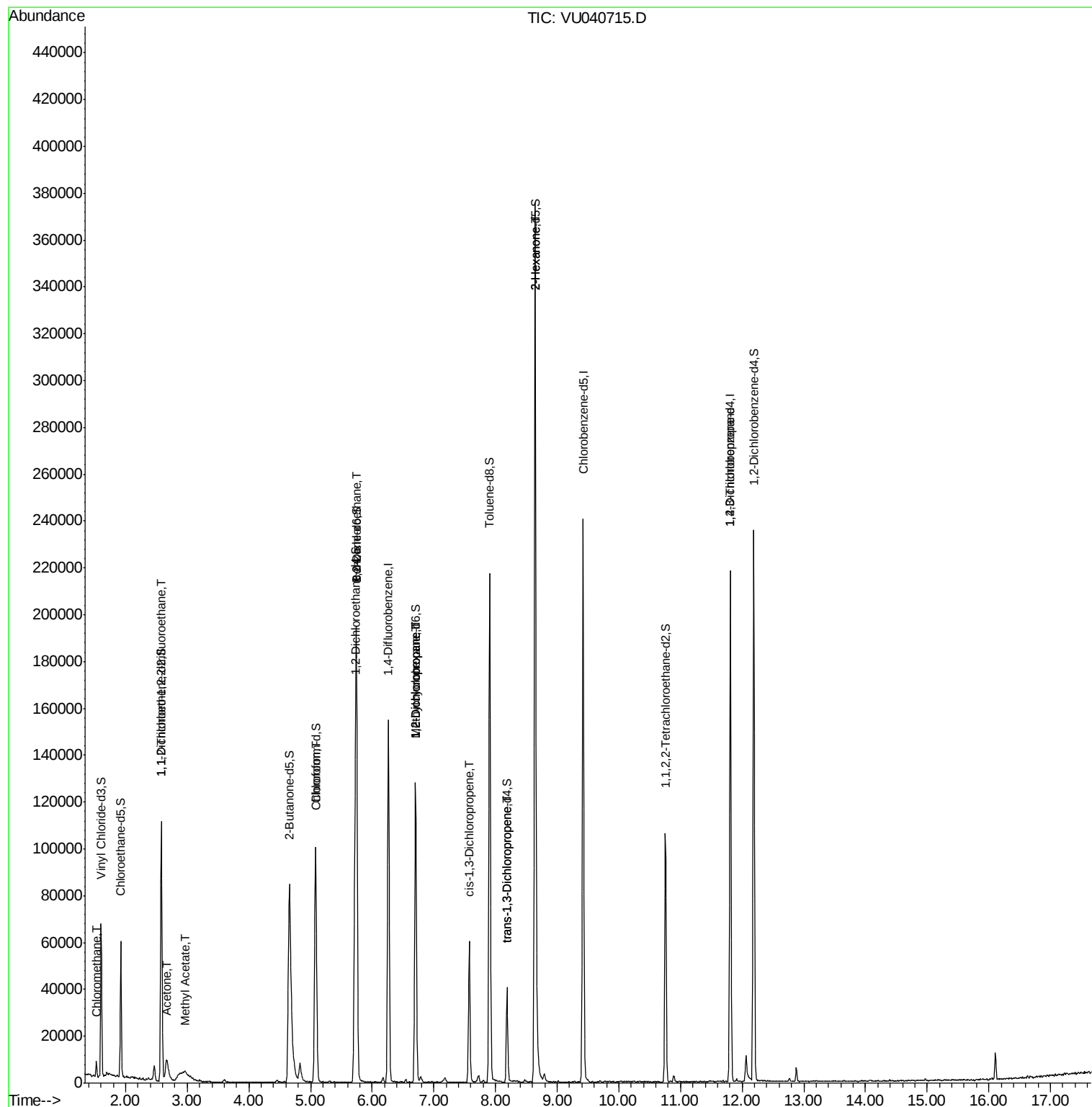
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	4580	0.462	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	490	0.050	ug/L #	20
13) Acetone	2.66	43	23073	9.591	ug/L	94
15) Methyl Acetate	2.96	43	635	0.116	ug/L #	56
25) Chloroform	5.10	83	1166	0.063	ug/L	95
27) 1,2-Dichloroethane	5.74	62	1044	0.080	ug/L #	77
35) Methylcyclohexane	6.70	83	13471	0.910	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	6683	0.596	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1557	0.102	ug/L #	66
44) trans-1,3-Dichloropropene	8.18	75	1227	0.087	ug/L #	59
48) 2-Hexanone	8.64	43	17073	2.563	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7275	0.883	ug/L	91

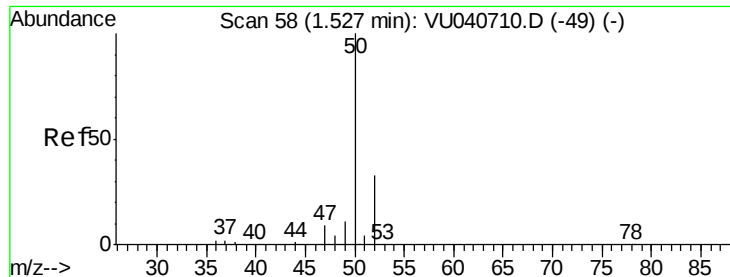
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 16 04:23:22 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.462 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040715.D

Acq: 15 Oct 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

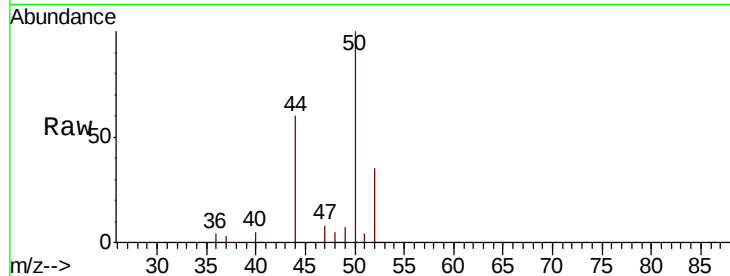
BG193

Tot Ion: 50 Resp: 4580

Ion Ratio Lower Upper

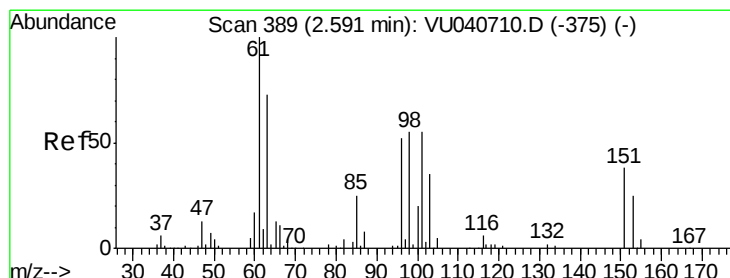
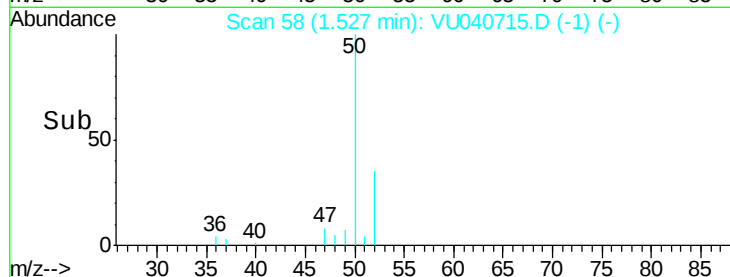
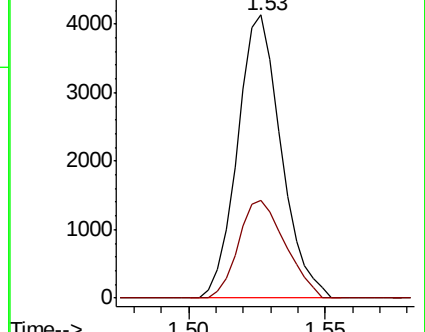
50 100

52 34.7 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040715.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040715.D (-1) (-)



#10

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

Concen: 0.050 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU040715.D

Acq: 15 Oct 2020 13:13

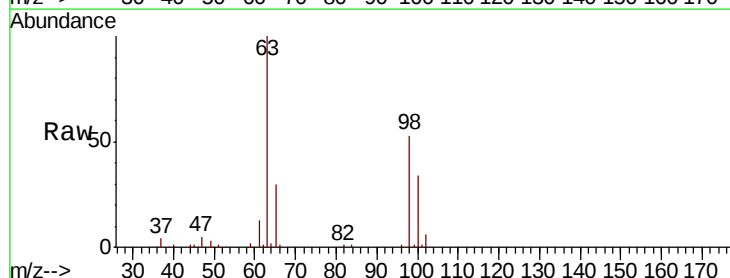
Tgt Ion: 101 Resp: 490

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

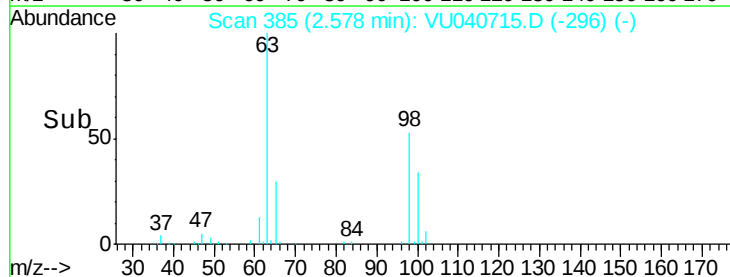
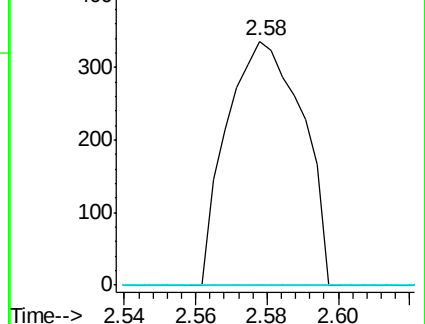
151 0.0 58.0 87.0#

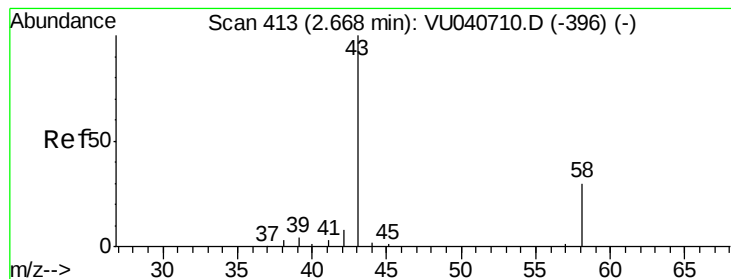


Abundance Ion 101.00 (100.70 to 101.70): VU040715.D (-296) (-)

Ion 85.00 (84.70 to 85.70): VU040715.D (-296) (-)

Ion 151.00 (150.70 to 151.70): VU040715.D (-296) (-)





#13

Acetone

Concen: 9.591 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU040715.D

Acq: 15 Oct 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

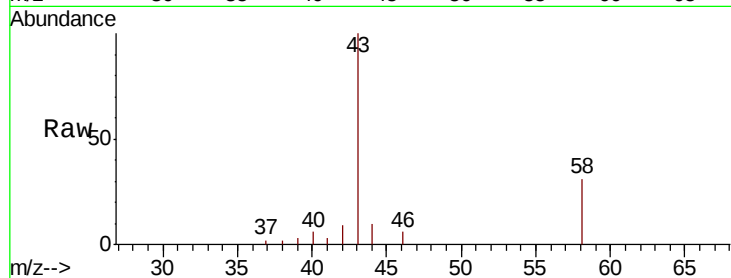
BG193

Tot Ion: 43 Resp: 23073

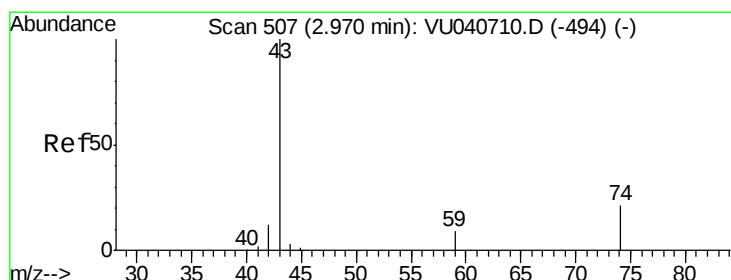
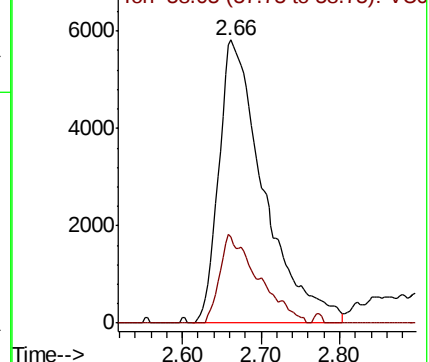
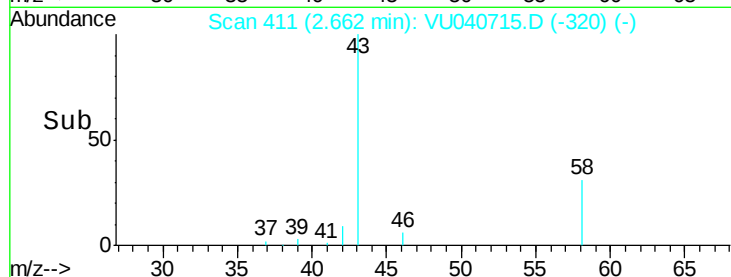
Ion Ratio Lower Upper

43 100

58 26.8 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040715.D (-320) (-)



#15

Methyl Acetate

Concen: 0.116 ug/L

RT: 2.96 min Scan# 505

Delta R.T. -0.01 min

Lab File: VU040715.D

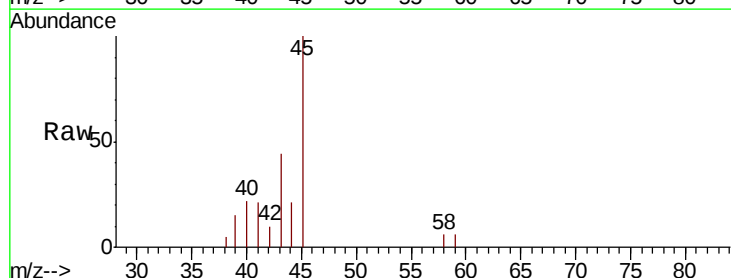
Acq: 15 Oct 2020 13:13

Tgt Ion: 43 Resp: 635

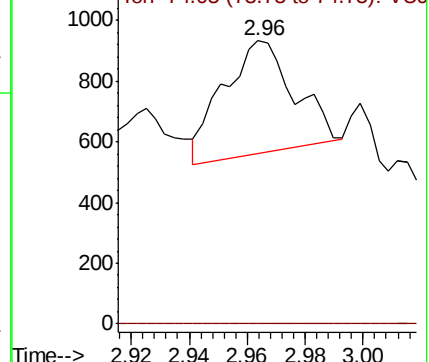
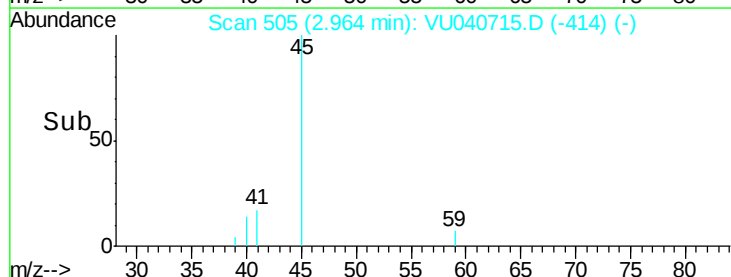
Ion Ratio Lower Upper

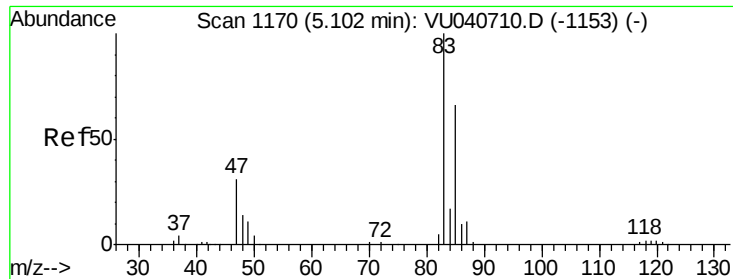
43 100

74 0.0 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VU040715.D (-414) (-)

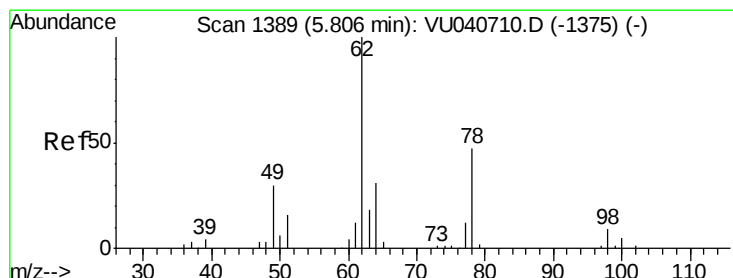
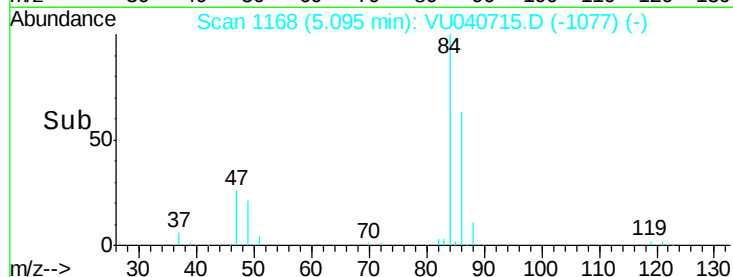
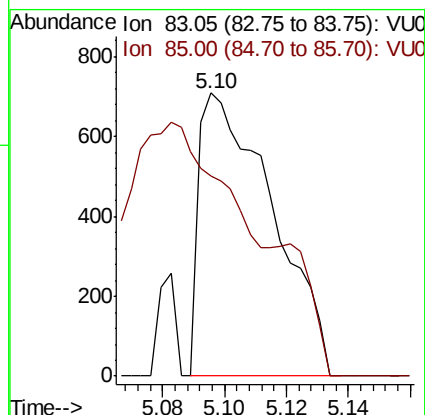
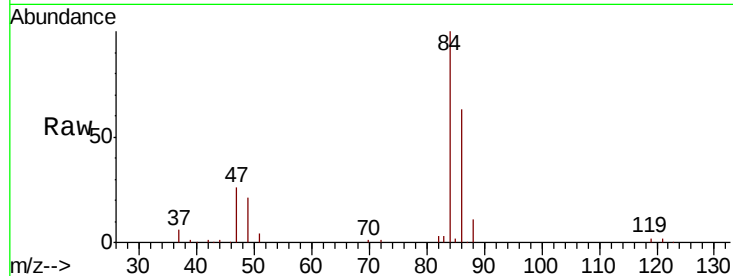




#25
Chloroform
Concen: 0.063 ug/L
RT: 5.10 min Scan# 1168
Delta R.T. -0.01 min
Lab File: VU040715.D
Acq: 15 Oct 2020 13:13

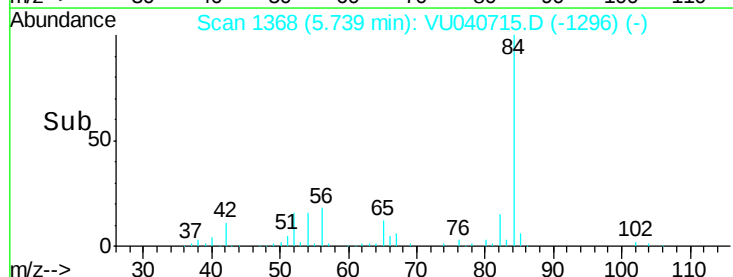
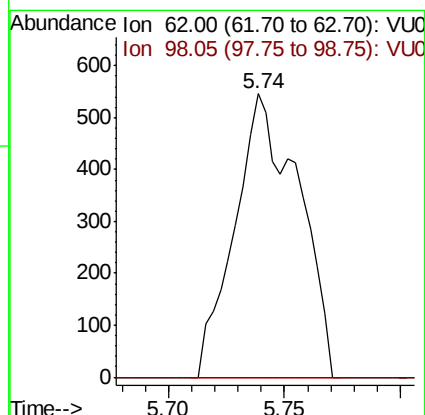
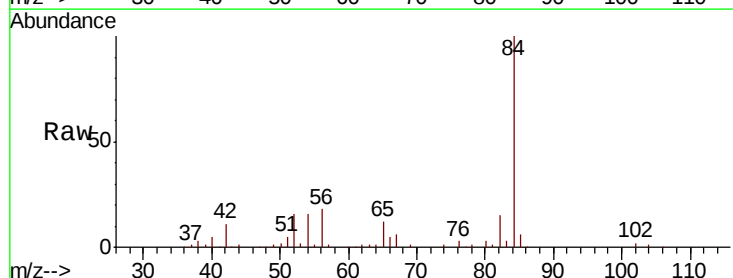
Instrument :
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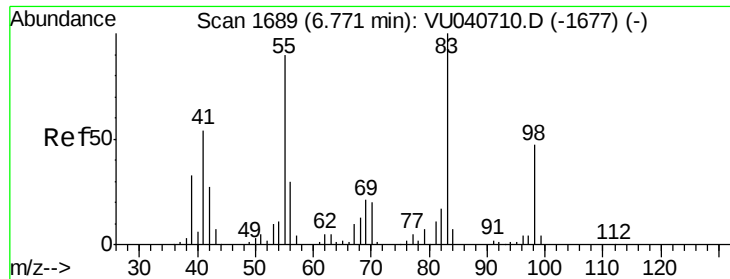
Tot Ion: 83 Resp: 1166
Ion Ratio Lower Upper
83 100
85 70.8 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.080 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU040715.D
Acq: 15 Oct 2020 13:13

Tgt Ion: 62 Resp: 1044
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

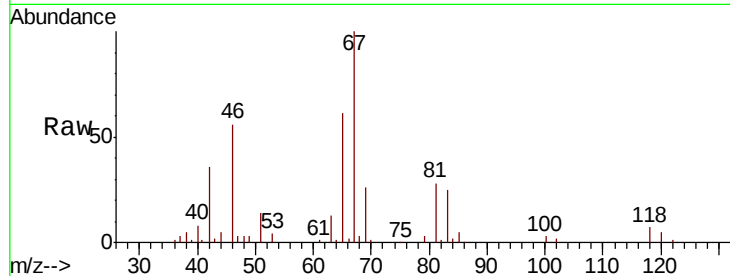




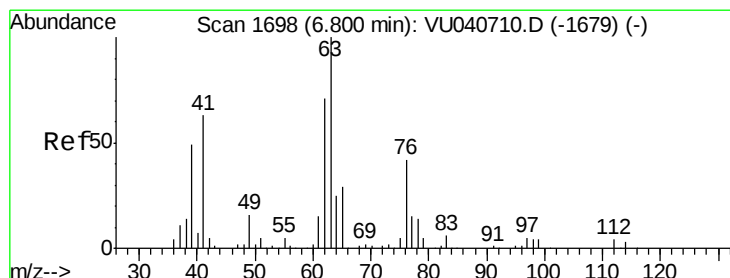
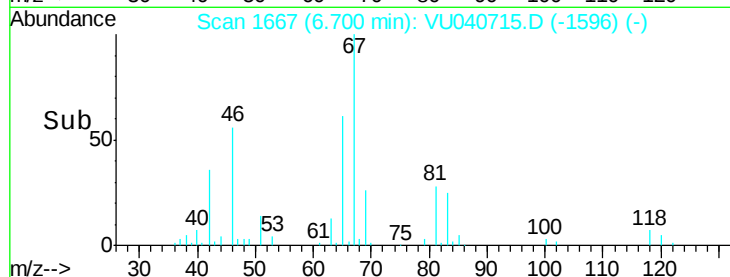
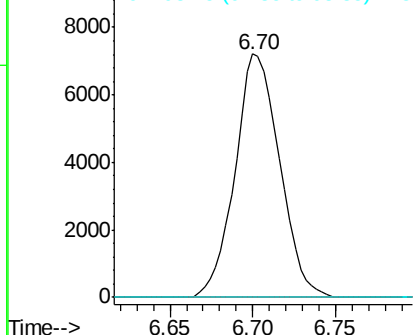
#35
Methvlcvclohexane
Concen: 0.910 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040715.D
Acq: 15 Oct 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
BG193

Tot Ion: 83 Resp: 13471
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 2.1 38.4 57.6#

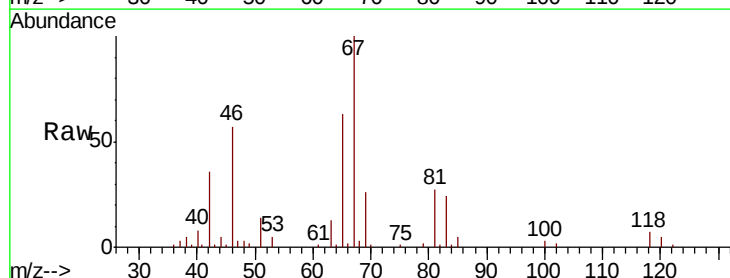


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

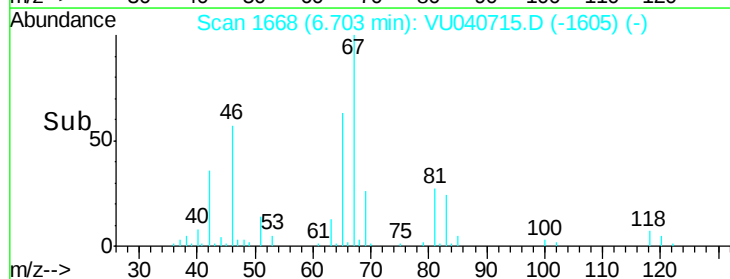
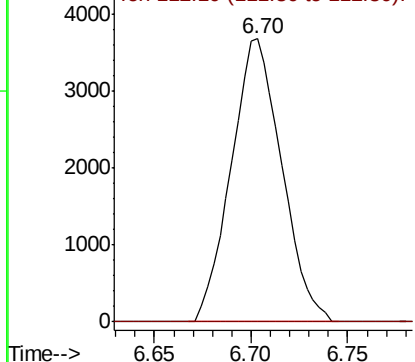


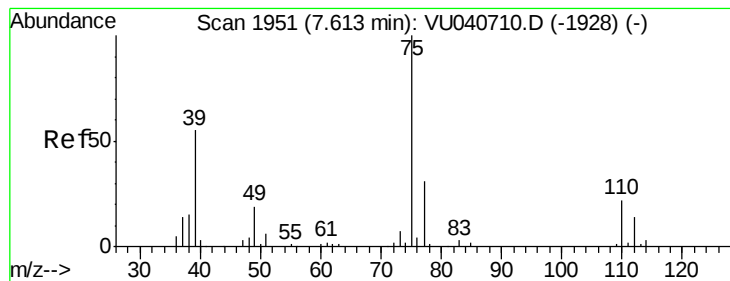
#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040715.D
Acq: 15 Oct 2020 13:13

Tgt Ion: 63 Resp: 6683
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



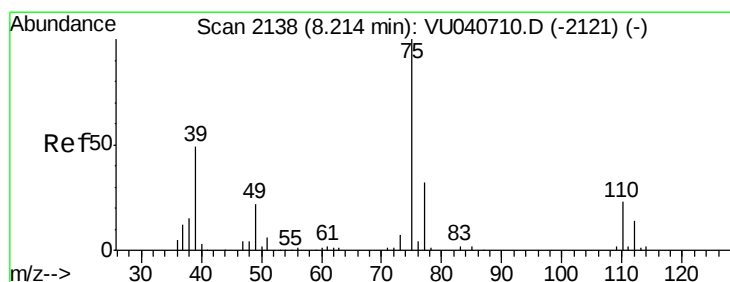
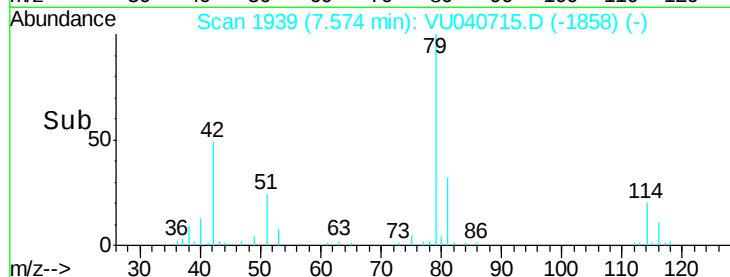
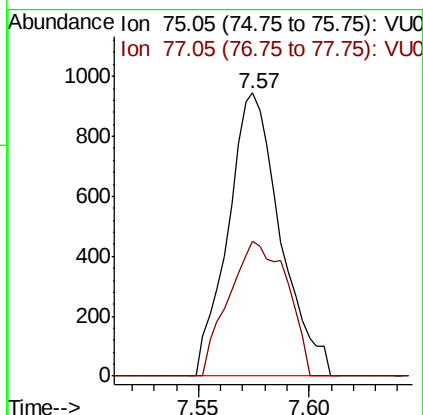
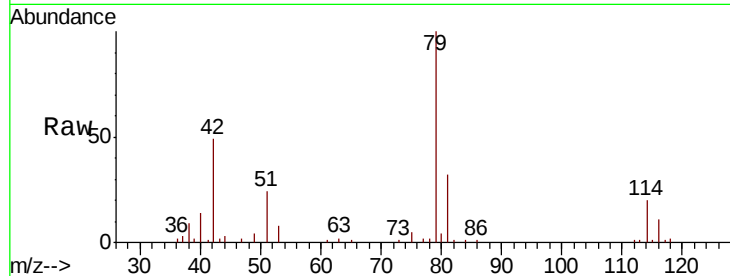


#39

cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040715.D
Acq: 15 Oct 2020 13:13

Instrument :
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ClientSampled :
BG193

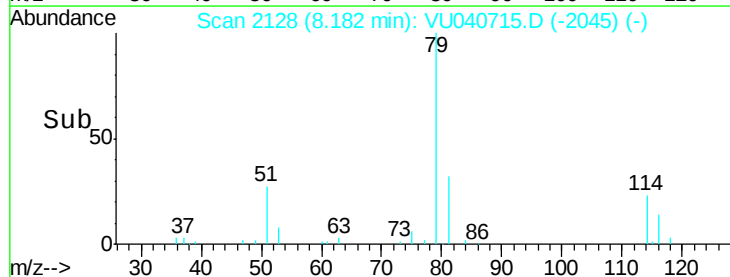
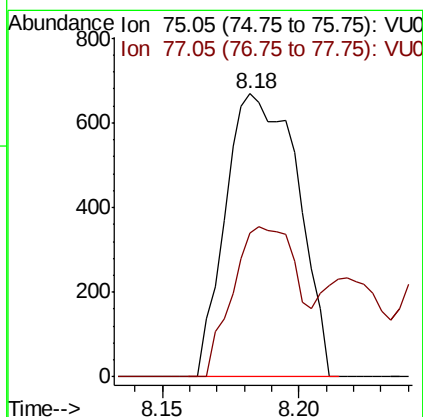
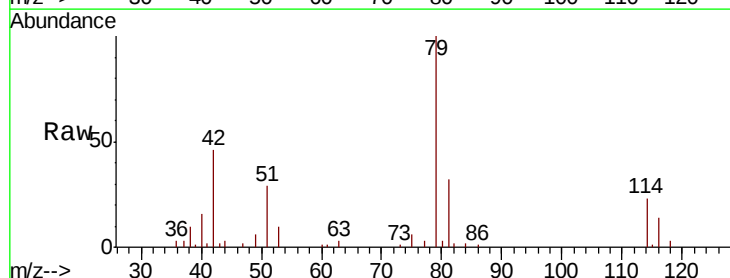
Tot Ion: 75 Resp: 1557
Ion Ratio Lower Upper
75 100
77 47.6 20.5 38.1#

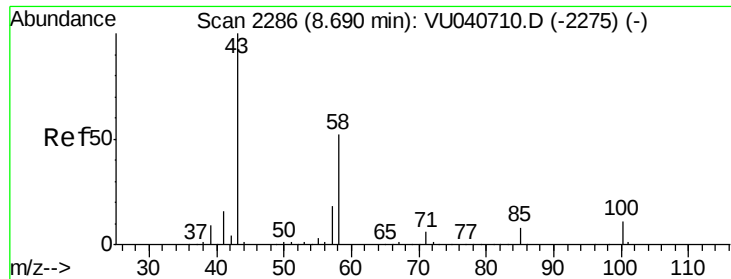


#44

trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040715.D
Acq: 15 Oct 2020 13:13

Tgt Ion: 75 Resp: 1227
Ion Ratio Lower Upper
75 100
77 50.9 20.4 38.0#

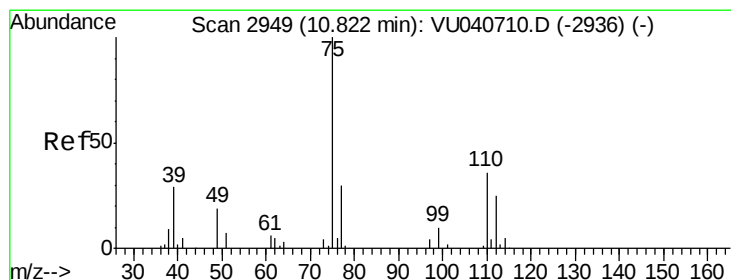
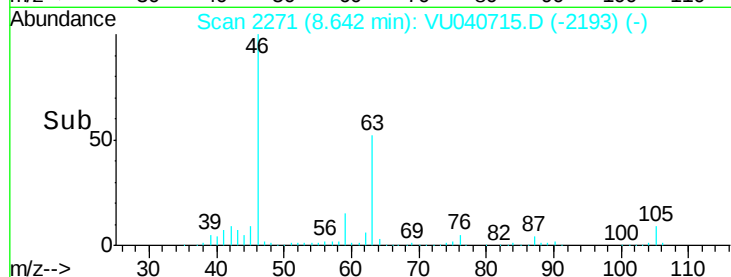
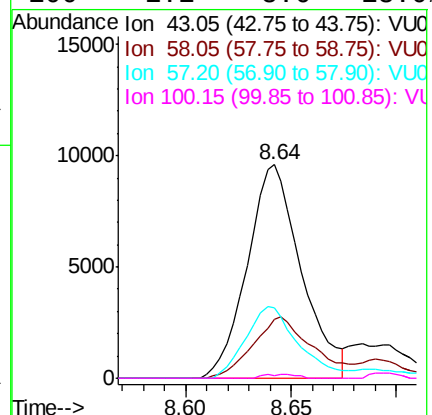
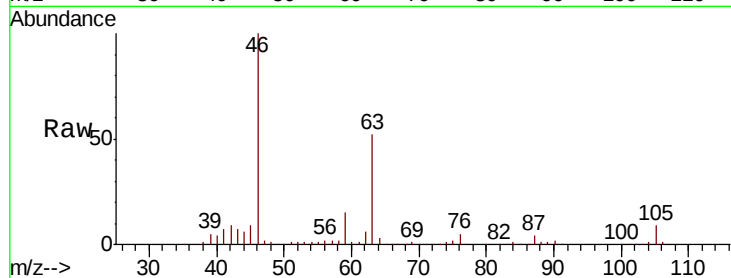




#48
 2-Hexanone
 Concen: 2.563 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040715.D
 Acq: 15 Oct 2020 13:13

Instrument :
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 ClientSampleId :
 BG193

Tot Ion: 43 Resp: 17073
 Ion Ratio Lower Upper
 43 100
 58 32.1 41.0 61.6#
 57 33.0 14.4 21.6#
 100 1.1 8.6 13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.883 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU040715.D
 Acq: 15 Oct 2020 13:13

Tgt Ion: 75 Resp: 7275
 Ion Ratio Lower Upper
 75 100
 77 37.9 26.4 39.6

