

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041591.D
 Acq On : 13 Dec 2020 01:12
 Operator : SY/MD
 Sample : L5060-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B13

Quant Time: Dec 13 11:30:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131963	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130537	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62438	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33356	3.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.60%
7) Chloroethane-d5	1.92	69	32721	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.58	63	55239	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.65	46	147544	49.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.58%
24) Chloroform-d	5.08	84	81901	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	48627	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.74	84	161994	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.70	67	53936	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.91	98	144563	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	21819	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.64	63	122896	42.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50855	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	57764	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

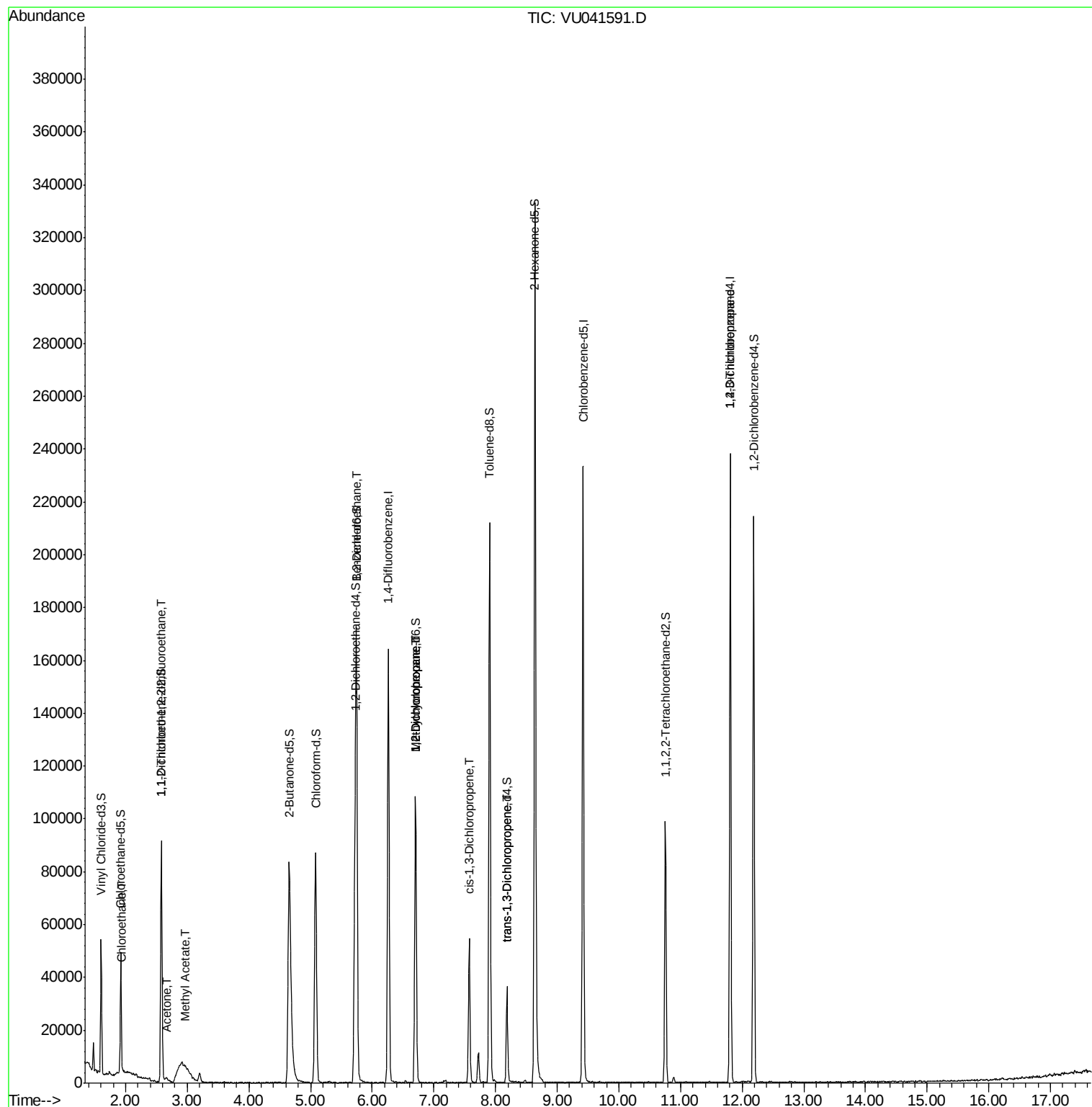
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	451	0.055	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	481	0.053	ug/L #	22
13) Acetone	2.66	43	2758	1.463	ug/L	87
15) Methyl Acetate	2.98	43	1429	0.292	ug/L #	51
27) 1,2-Dichloroethane	5.75	62	893	0.076	ug/L #	73
35) Methylcyclohexane	6.70	83	12021	0.709	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5547	0.519	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1297	0.082	ug/L #	63
44) trans-1,3-Dichloropropene	8.19	75	898	0.063	ug/L	84
59) 1,2,3-Trichloropropane	11.81	75	7187	0.896	ug/L	96

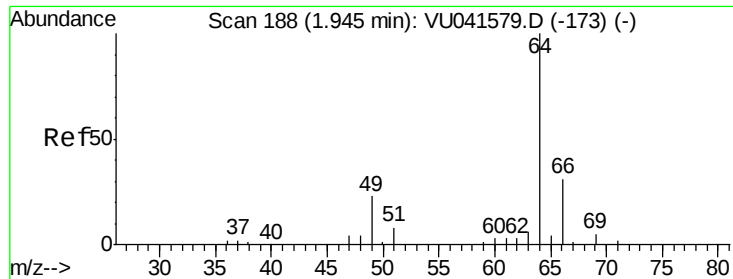
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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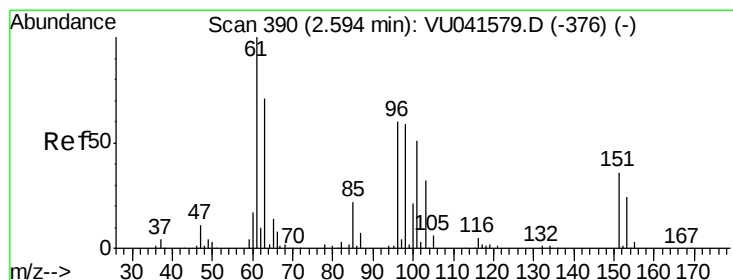
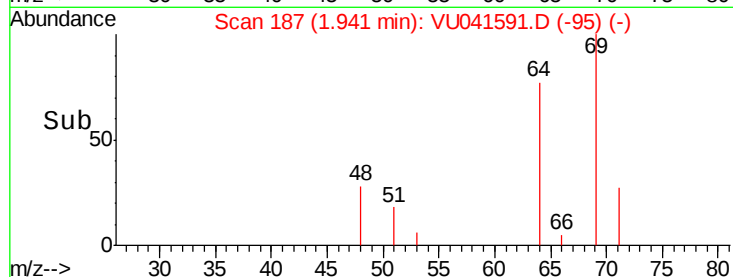
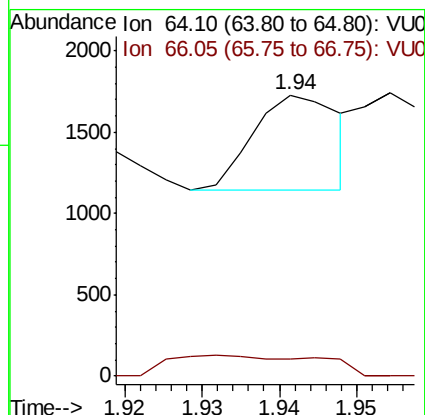
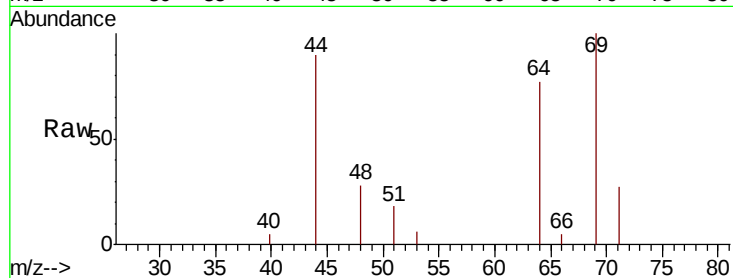




#8
Chloroethane
Concen: 0.055 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU041591.D
Acq: 13 Dec 2020 01:12

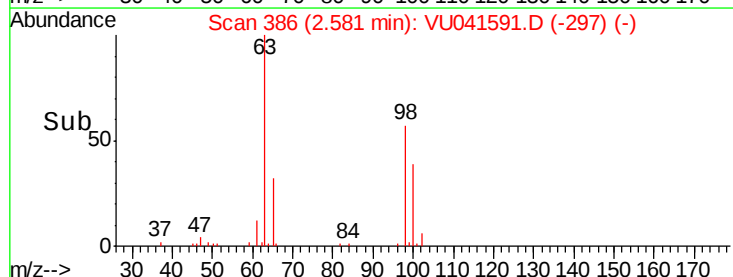
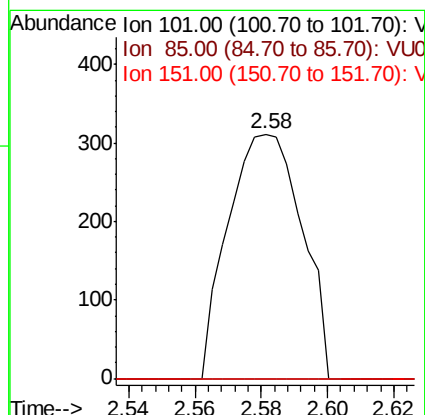
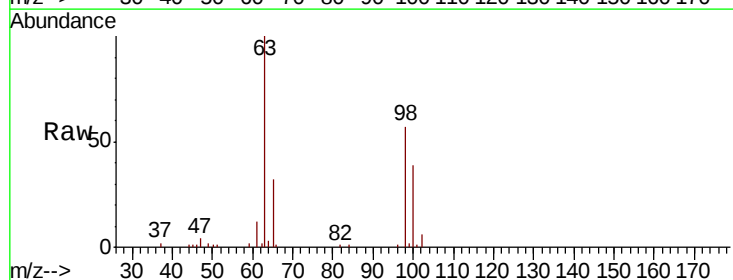
Instrument :
MSVOA_U
ClientSampleId :
C0B13

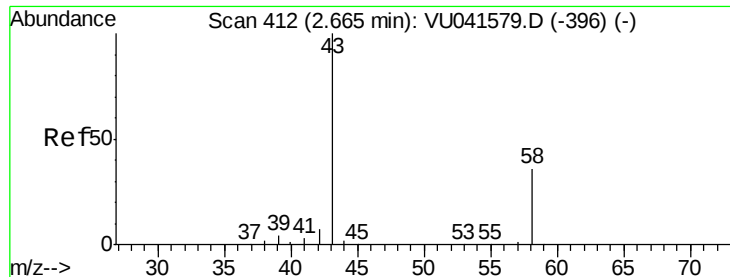
Tot Ion: 64 Resp: 451
Ion Ratio Lower Upper
64 100
66 6.1 21.6 40.0#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041591.D
Acq: 13 Dec 2020 01:12

Tgt Ion: 101 Resp: 481
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 56.2 84.4#





#13

Acetone

Concen: 1.463 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU041591.D

Acq: 13 Dec 2020 01:12

Instrument :

MSVOA_U

ClientSampleId :

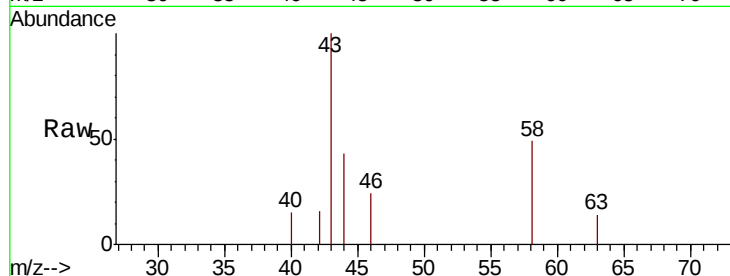
C0B13

Tot Ion: 43 Resp: 2758

Ion Ratio Lower Upper

43 100

58 28.9 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041591.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU041591.D (-396) (-)

2.66

800

600

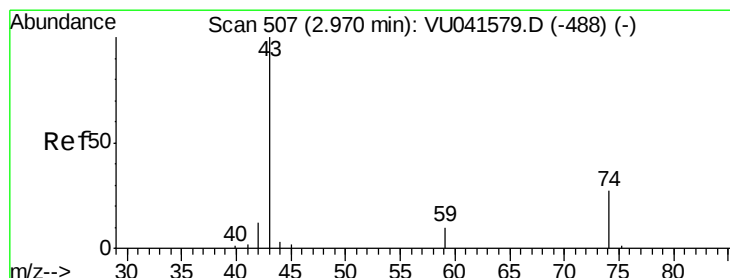
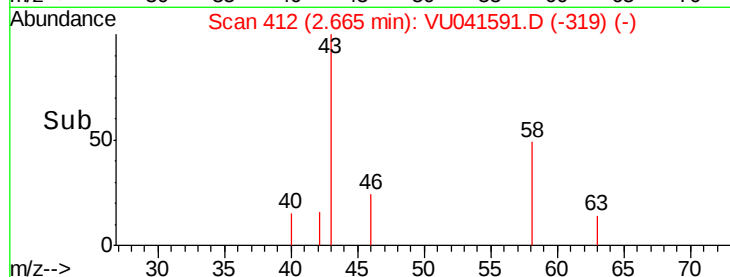
400

200

0

Time-->

2.60 2.65 2.70



#15

Methyl Acetate

Concen: 0.292 ug/L

RT: 2.98 min Scan# 510

Delta R.T. 0.01 min

Lab File: VU041591.D

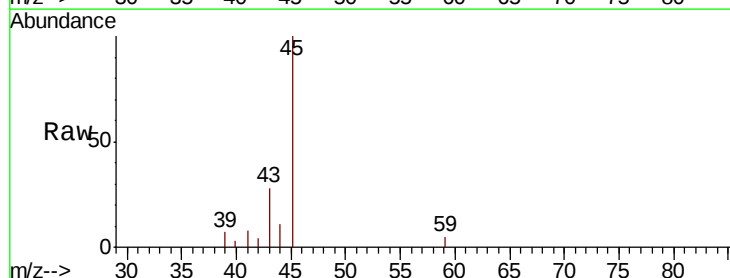
Acq: 13 Dec 2020 01:12

Tgt Ion: 43 Resp: 1429

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU041591.D (-488) (-)

Ion 74.05 (73.75 to 74.75): VU041591.D (-488) (-)

2.98

1000

800

600

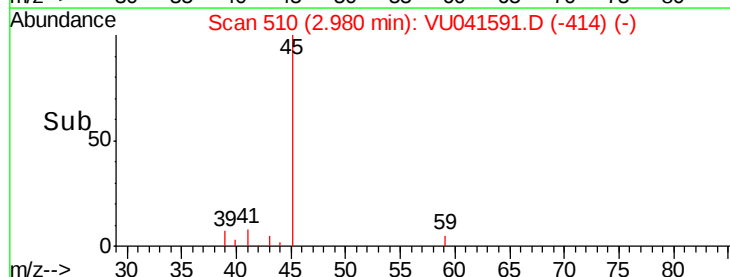
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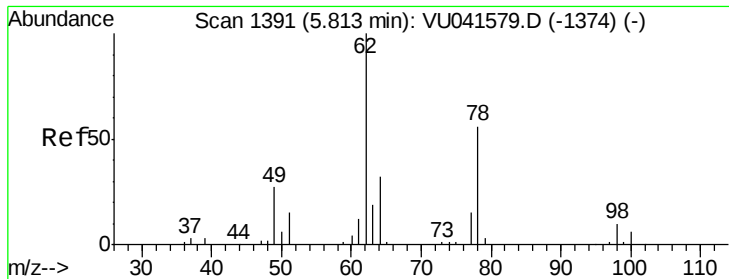
200

0

Time-->

2.96 2.98 3.00

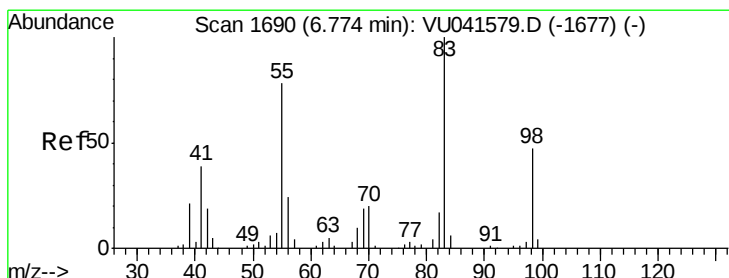
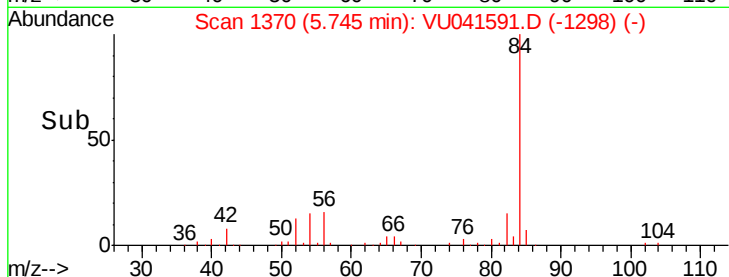
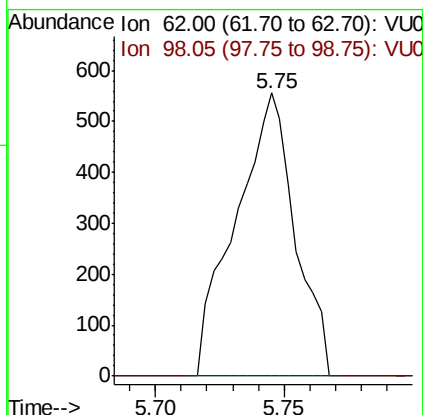
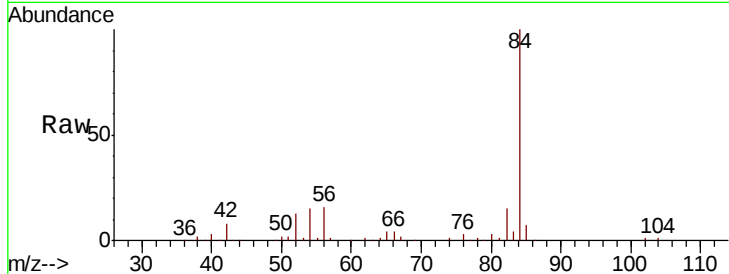




#27
 1,2-Dichloroethane
 Concen: 0.076 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.07 min
 Lab File: VU041591.D
 Acq: 13 Dec 2020 01:12

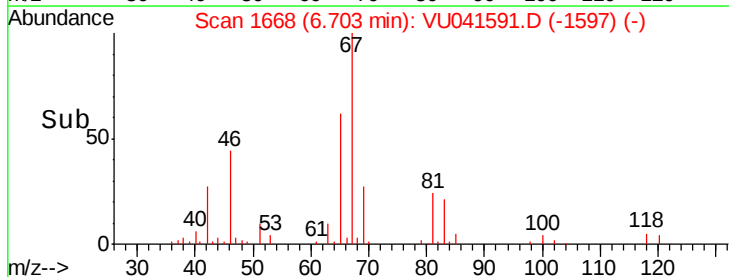
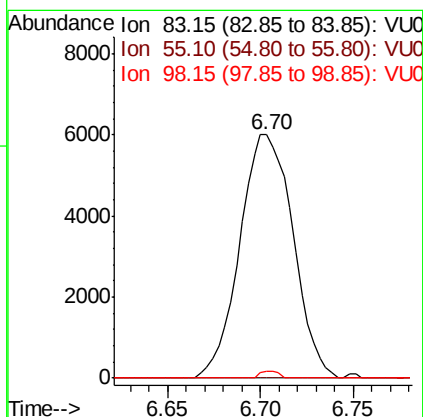
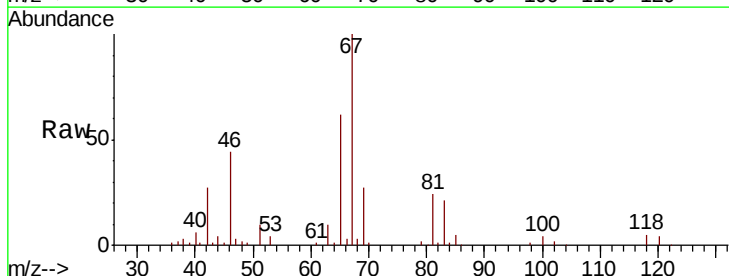
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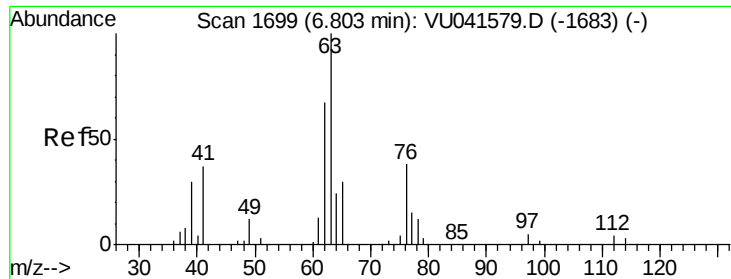
Tot Ion: 62 Resp: 893
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.709 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041591.D
 Acq: 13 Dec 2020 01:12

Tgt Ion: 83 Resp: 12021
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.9 36.6 54.8#

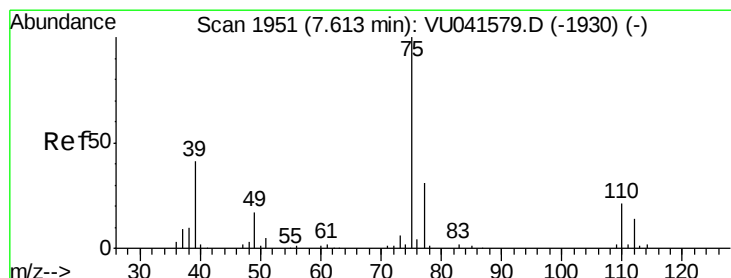
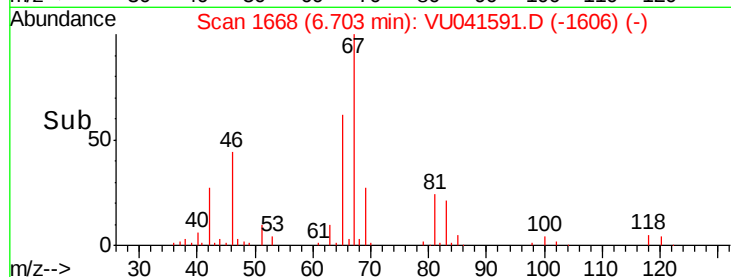
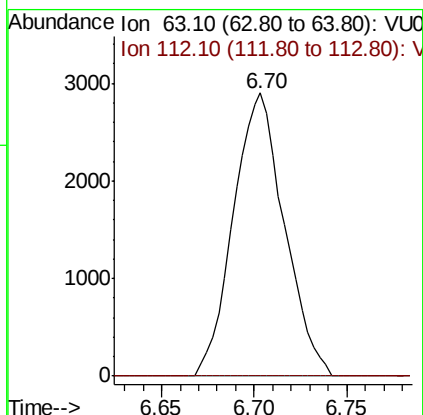
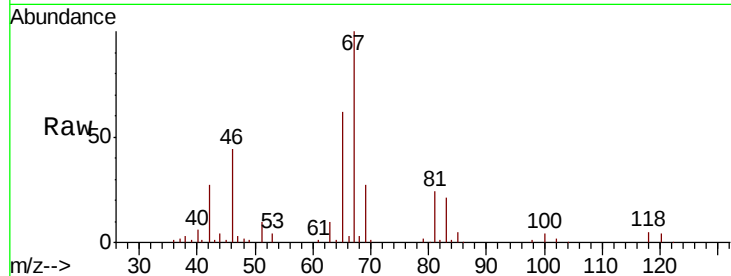




#37
 1,2-Dichloropropane
 Concen: 0.519 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041591.D
 Acq: 13 Dec 2020 01:12

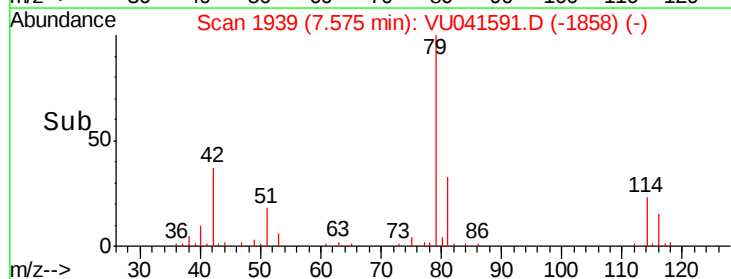
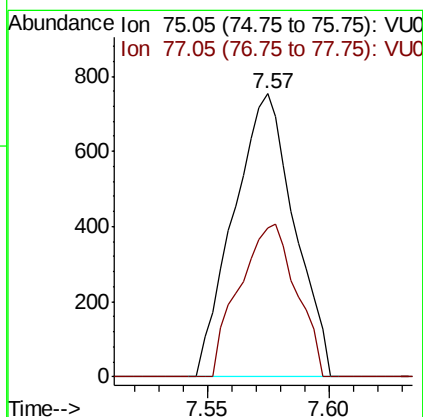
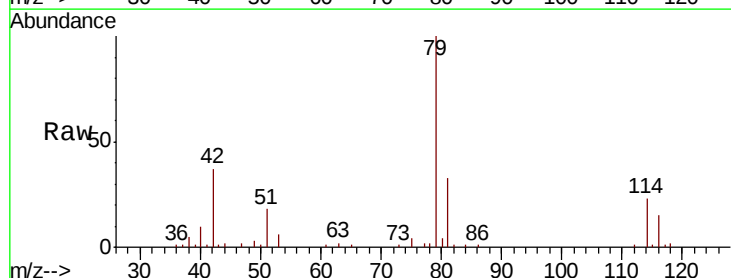
Instrument :
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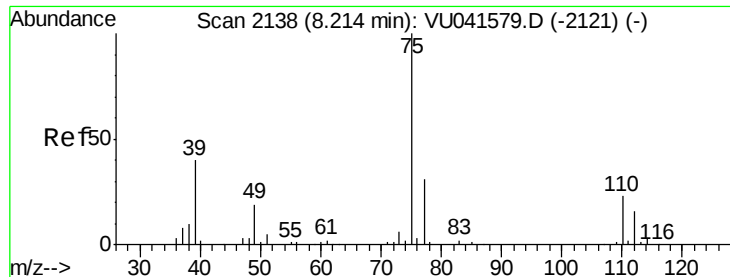
Tot Ion: 63 Resp: 5547
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041591.D
 Acq: 13 Dec 2020 01:12

Tgt Ion: 75 Resp: 1297
 Ion Ratio Lower Upper
 75 100
 77 52.6 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041591.D

Acq: 13 Dec 2020 01:12

Instrument :

MSVOA_U

ClientSampleId :

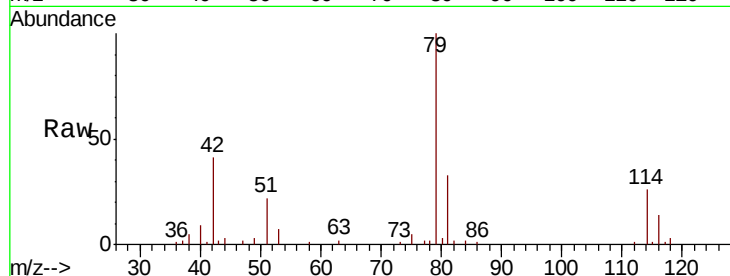
C0B13

Tot Ion: 75 Resp: 898

Ion Ratio Lower Upper

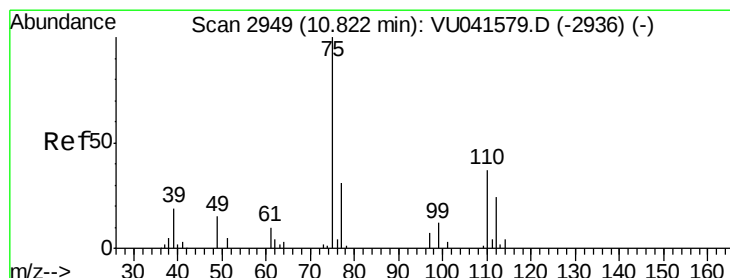
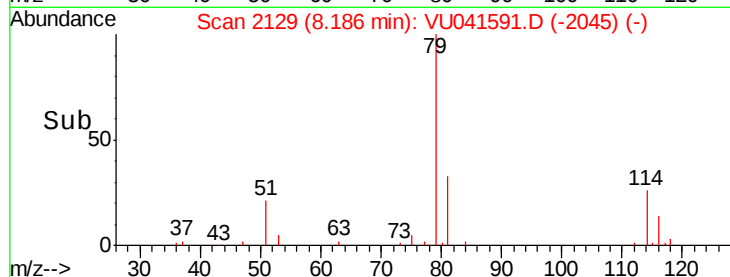
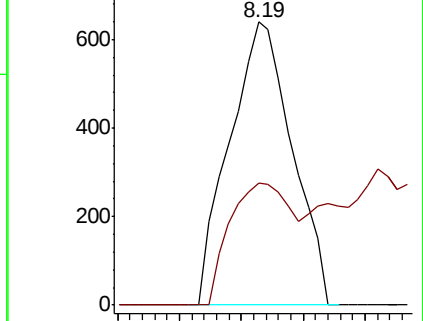
75 100

77 43.2 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.896 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041591.D

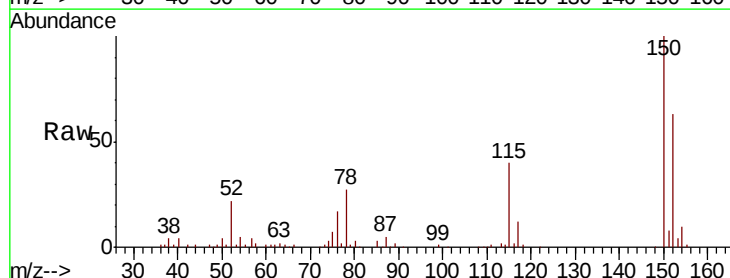
Acq: 13 Dec 2020 01:12

Tgt Ion: 75 Resp: 7187

Ion Ratio Lower Upper

75 100

77 34.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

