

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041543.D
 Acq On : 10 Dec 2020 18:12
 Operator : SY/MD
 Sample : L5023-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT9

Quant Time: Dec 11 06:09:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	35251	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	35847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	17819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7267	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.92	69	8472	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.58	63	15283	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.66	46	35389	52.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.24%
24) Chloroform-d	5.08	84	28984	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
26) 1,2-Dichloroethane-d4	5.72	65	19908	5.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.60%
32) Benzene-d6	5.74	84	41465	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.70	67	9603	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.91	98	32931	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.19	79	6690	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.64	63	23654	41.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	11020	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	17755	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

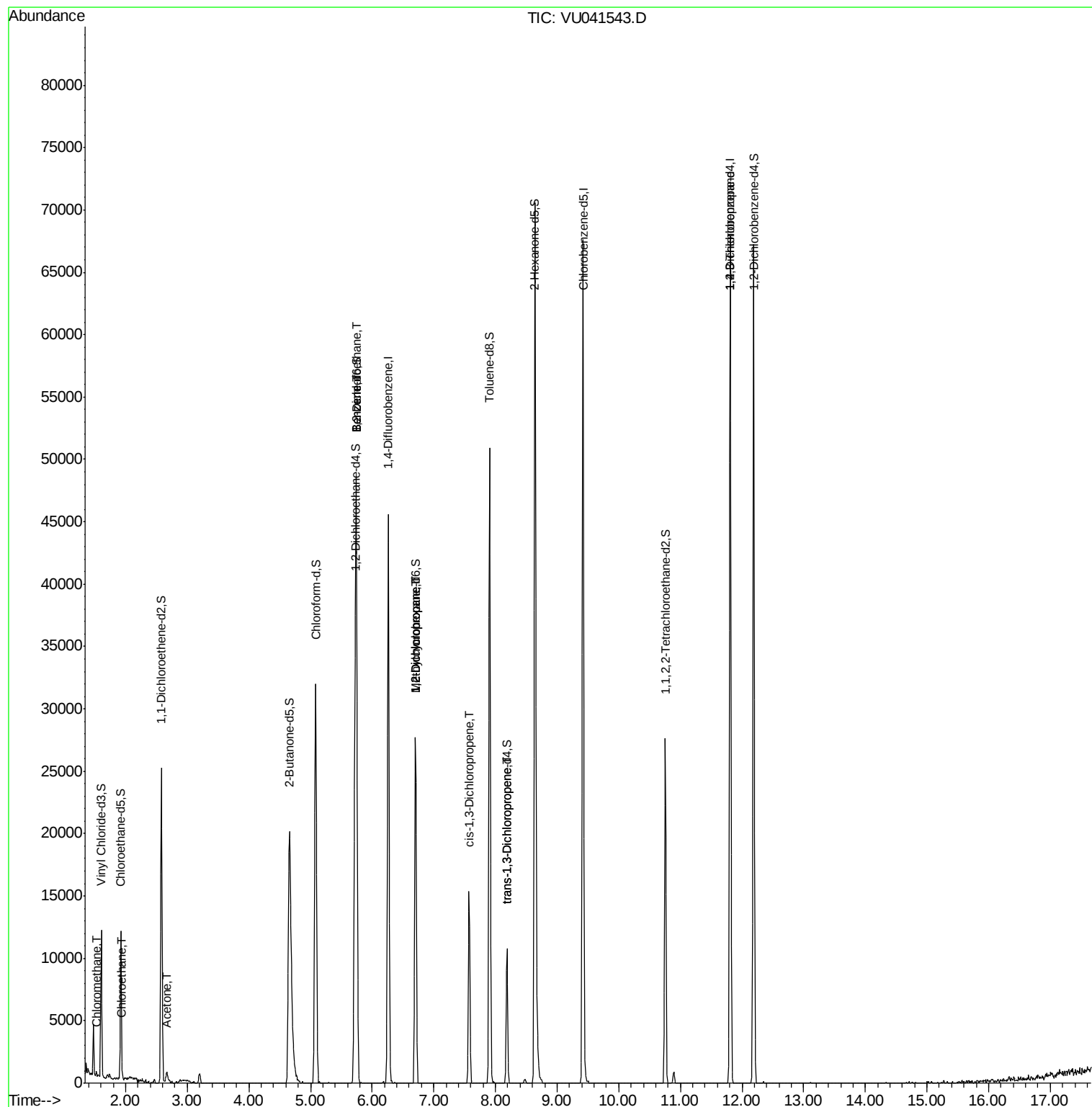
					Ovalue
3) Chloromethane	1.53	50	243	0.120 ug/L #	78
8) Chloroethane	1.95	64	226	0.144 ug/L #	45
13) Acetone	2.66	43	1033	1.954 ug/L	96
27) 1,2-Dichloroethane	5.75	62	213	0.056 ug/L #	79
33) Benzene	5.75	78	346	0.039 ug/L	100
35) Methylcyclohexane	6.70	83	3174	0.869 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1602	0.770 ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	352	0.094 ug/L	83
44) trans-1,3-Dichloropropene	8.19	75	218	0.058 ug/L #	42
59) 1,2,3-Trichloropropane	11.81	75	1670	0.828 ug/L #	79

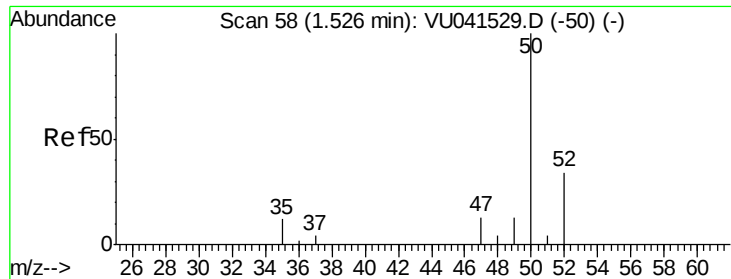
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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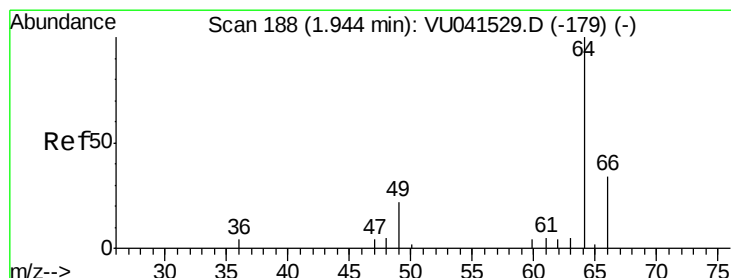
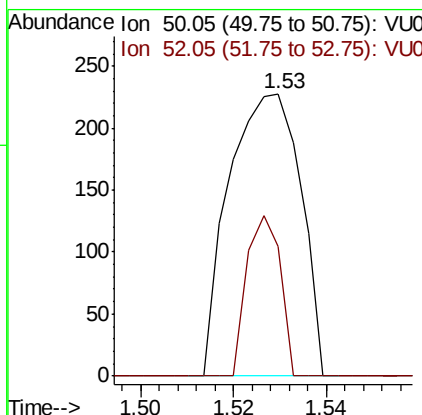
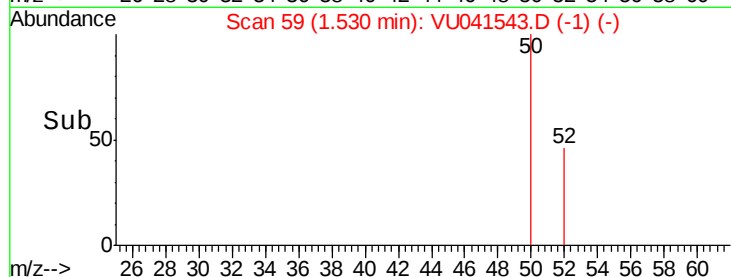
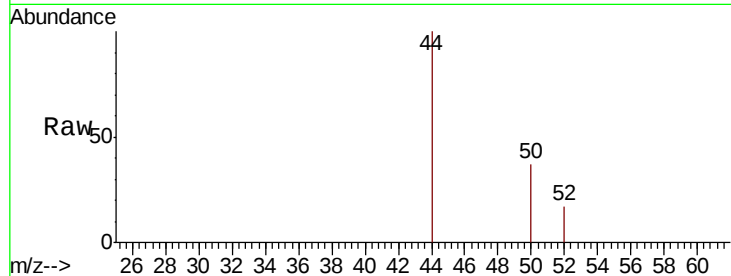




#3
Chloromethane
Concen: 0.120 ug/L
RT: 1.53 min Scan# 59
Delta R.T. 0.00 min
Lab File: VU041543.D
Acq: 10 Dec 2020 18:12

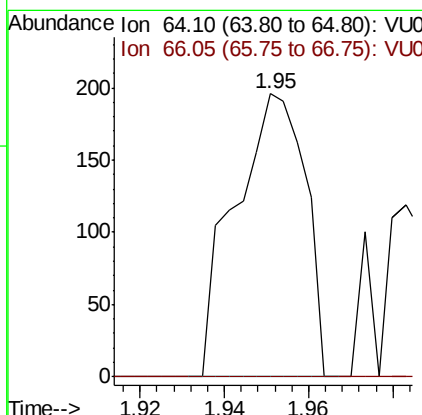
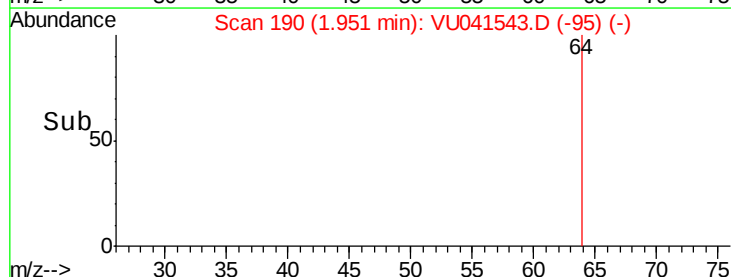
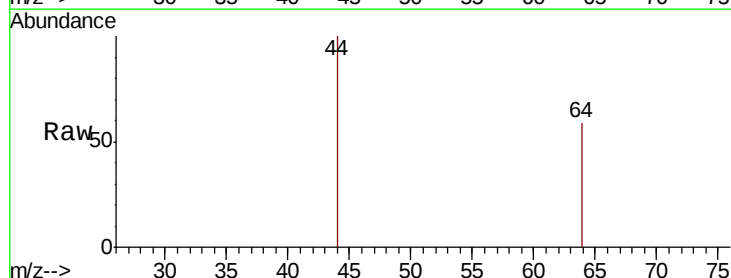
Instrument :
MSVOA_U
ClientSampleId :
C0AT9

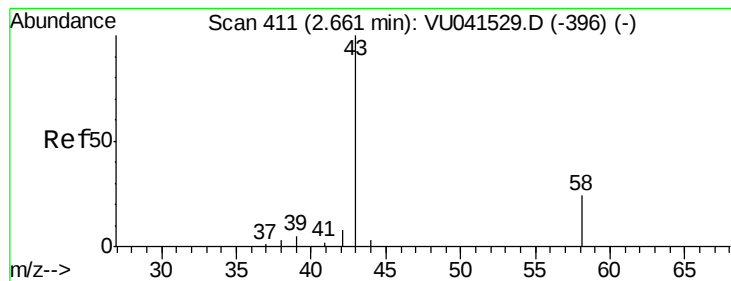
Tot Ion: 50 Resp: 243
Ion Ratio Lower Upper
50 100
52 46.1 23.3 43.3#



#8
Chloroethane
Concen: 0.144 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU041543.D
Acq: 10 Dec 2020 18:12

Tgt Ion: 64 Resp: 226
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#





#13

Acetone

Concen: 1.954 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU041543.D

Acq: 10 Dec 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

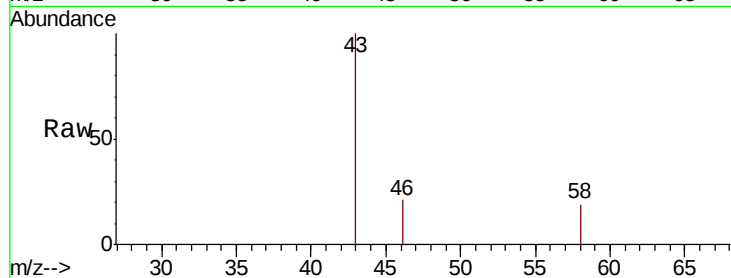
C0AT9

Tot Ion: 43 Resp: 1033

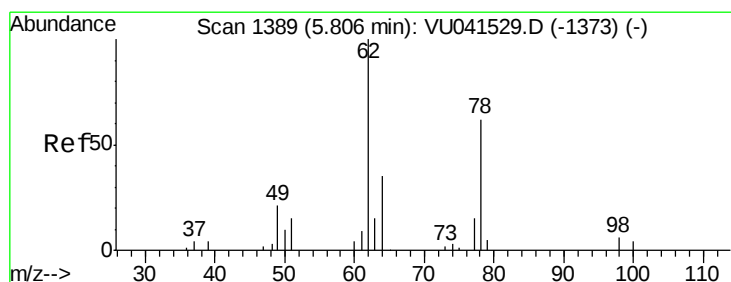
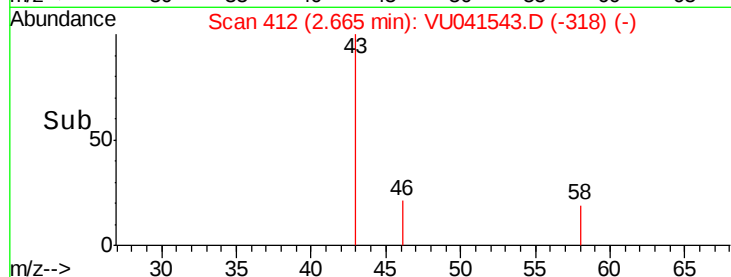
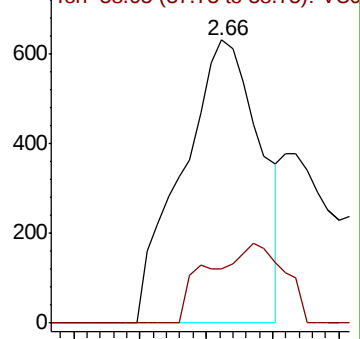
Ion Ratio Lower Upper

43 100

58 27.2 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU041529.D (-396) (-)



#27

1,2-Dichloroethane

Concen: 0.056 ug/L

RT: 5.75 min Scan# 1371

Delta R.T. -0.06 min

Lab File: VU041543.D

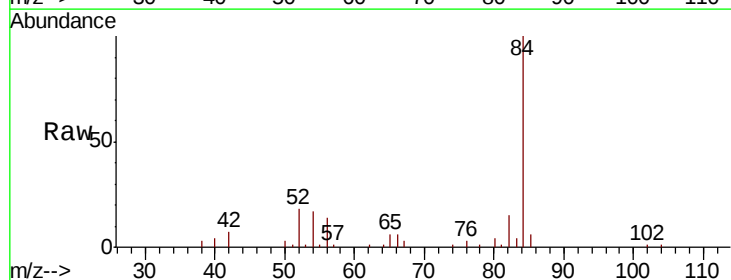
Acq: 10 Dec 2020 18:12

Tgt Ion: 62 Resp: 213

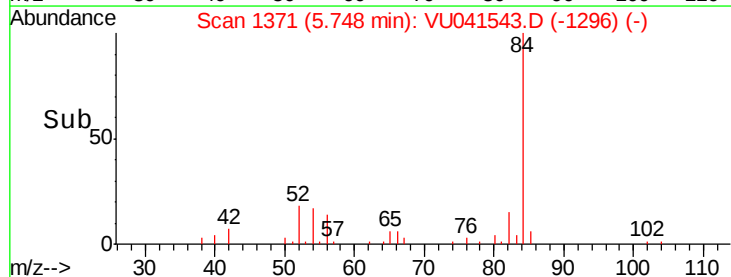
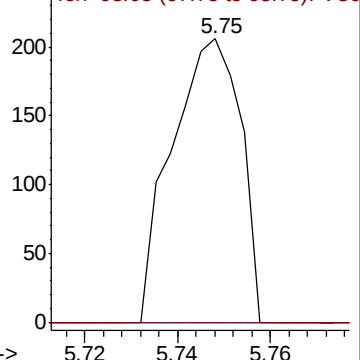
Ion Ratio Lower Upper

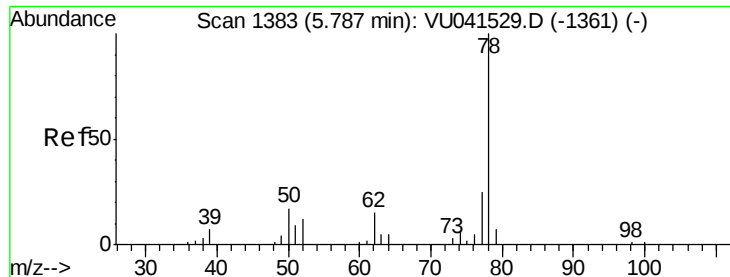
62 100

98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU041529.D (-1373) (-)





#33

Benzene

Concen: 0.039 ug/L

RT: 5.75 min Scan# 1372

Delta R.T. -0.04 min

Lab File: VU041543.D

Acq: 10 Dec 2020 18:12

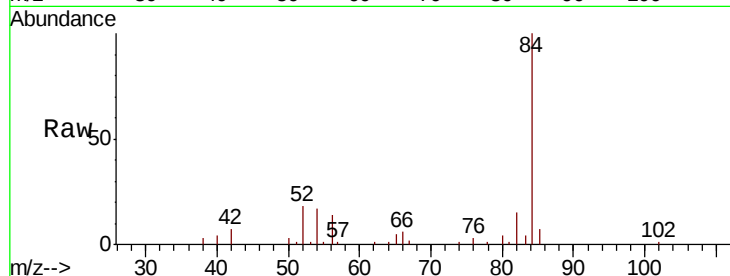
Instrument :

MSVOA_U

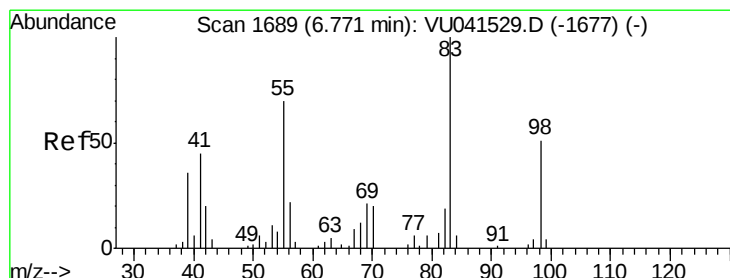
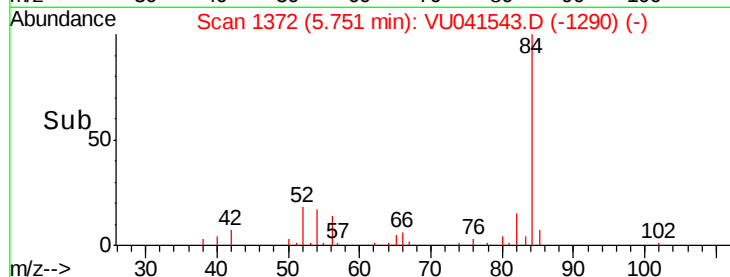
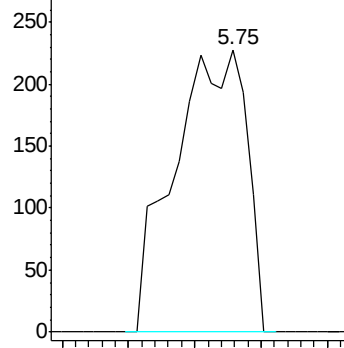
ClientSampleId :

C0AT9

Tgt Ion: 78 Resp: 346



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.869 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041543.D

Acq: 10 Dec 2020 18:12

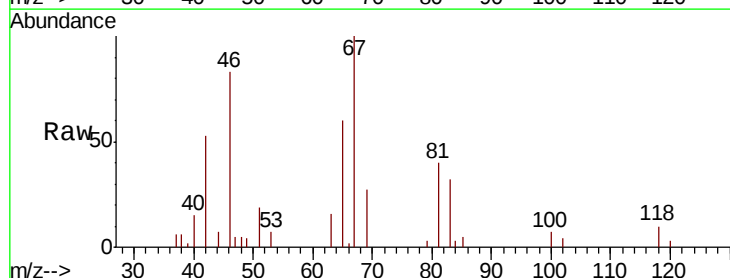
Tgt Ion: 83 Resp: 3174

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

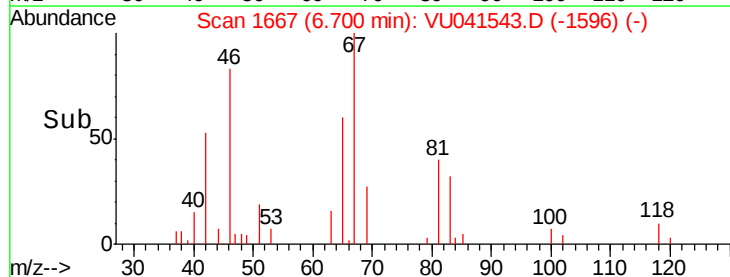
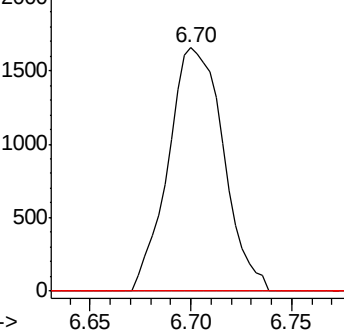
98 0.0 38.7 58.1#

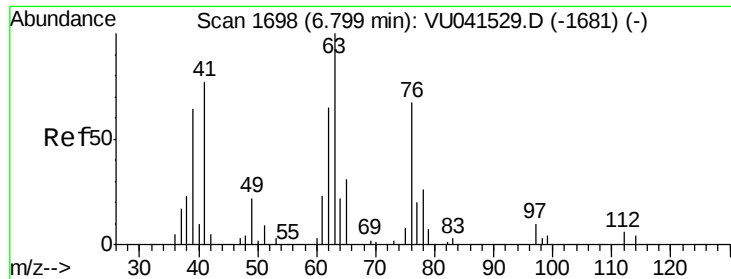


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

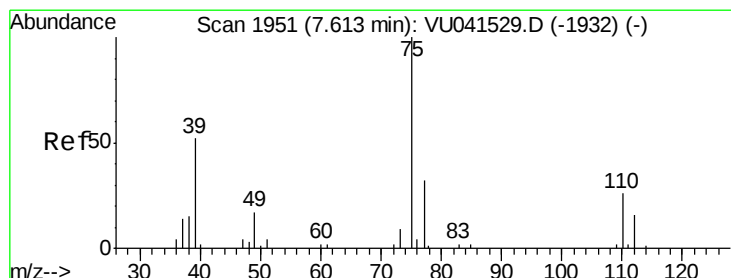
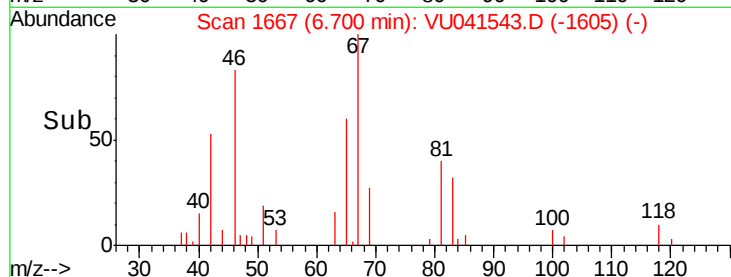
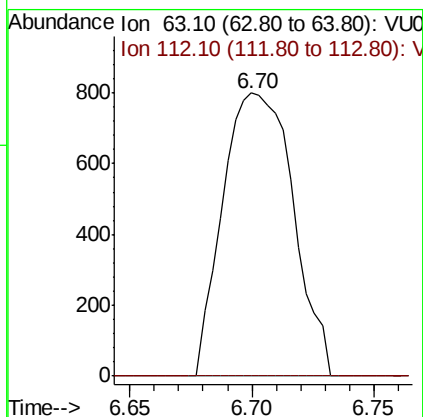
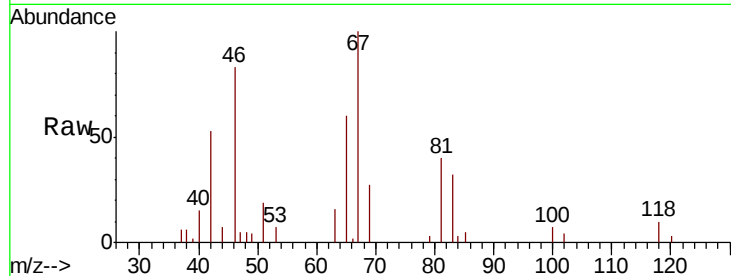




#37
 1,2-Dichloropropane
 Concen: 0.770 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041543.D
 Acq: 10 Dec 2020 18:12

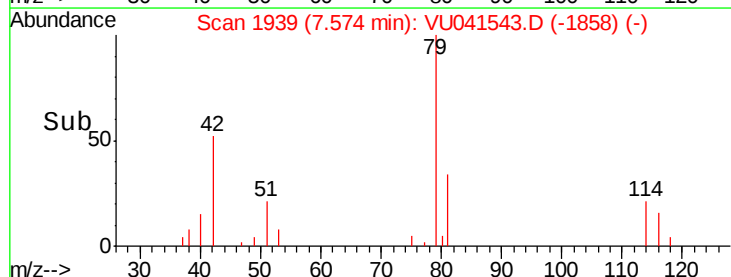
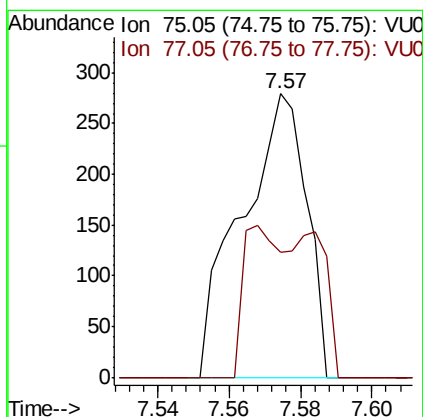
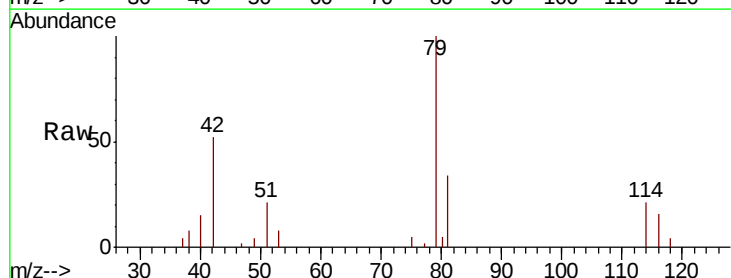
Instrument :
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 ClientSampleId :
 C0AT9

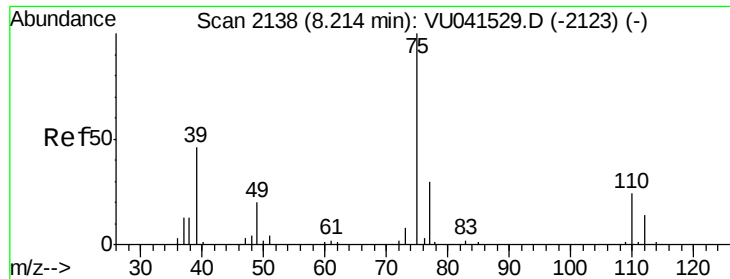
Tot Ion: 63 Resp: 1602
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041543.D
 Acq: 10 Dec 2020 18:12

Tgt Ion: 75 Resp: 352
 Ion Ratio Lower Upper
 75 100
 77 44.1 24.0 44.6





#44

trans-1,3-Dichloropropene

Concen: 0.058 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041543.D

Acq: 10 Dec 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

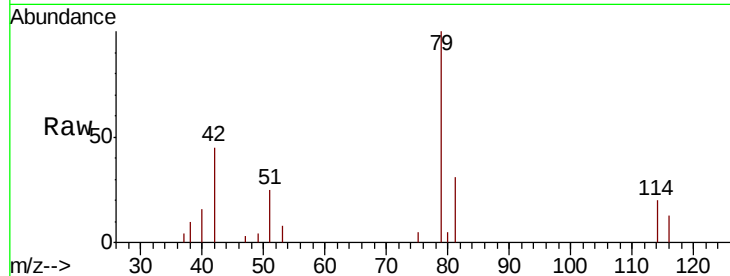
C0AT9

Tot Ion: 75 Resp: 218

Ion Ratio Lower Upper

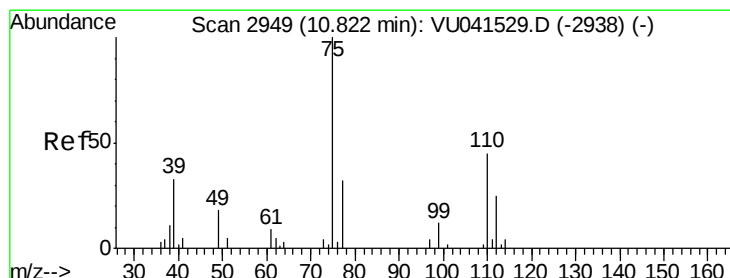
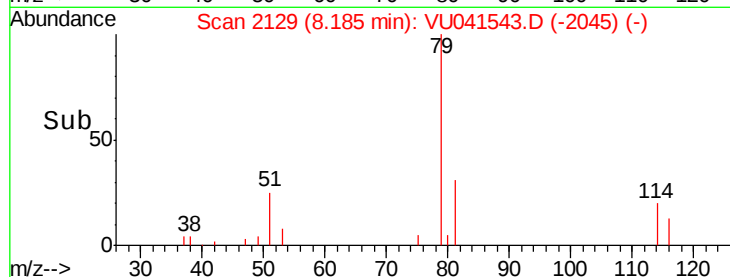
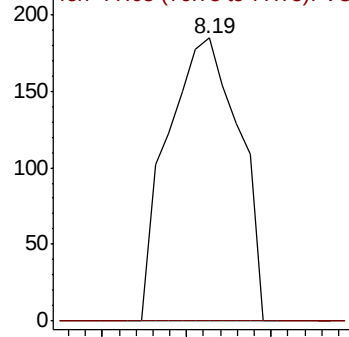
75 100

77 0.0 22.7 42.3#



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: 0.828 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041543.D

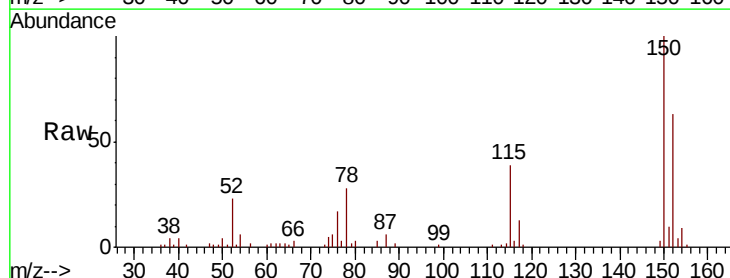
Acq: 10 Dec 2020 18:12

Tgt Ion: 75 Resp: 1670

Ion Ratio Lower Upper

75 100

77 44.7 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

