

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122520\
 Data File : VU041816.D
 Acq On : 24 Dec 2020 19:53
 Operator : SY/MD
 Sample : L5204-02 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL6

Quant Time: Dec 25 03:49:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 25 03:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118842	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117809	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52534	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38823	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.92	69	38176	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.58	63	57410	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.66	46	144808	54.26	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.52%
24) Chloroform-d	5.08	84	80094	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	46128	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	150219	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.70	67	48789	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.91	98	121242	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.19	79	19281	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.64	63	118625	45.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48154	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	48137	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

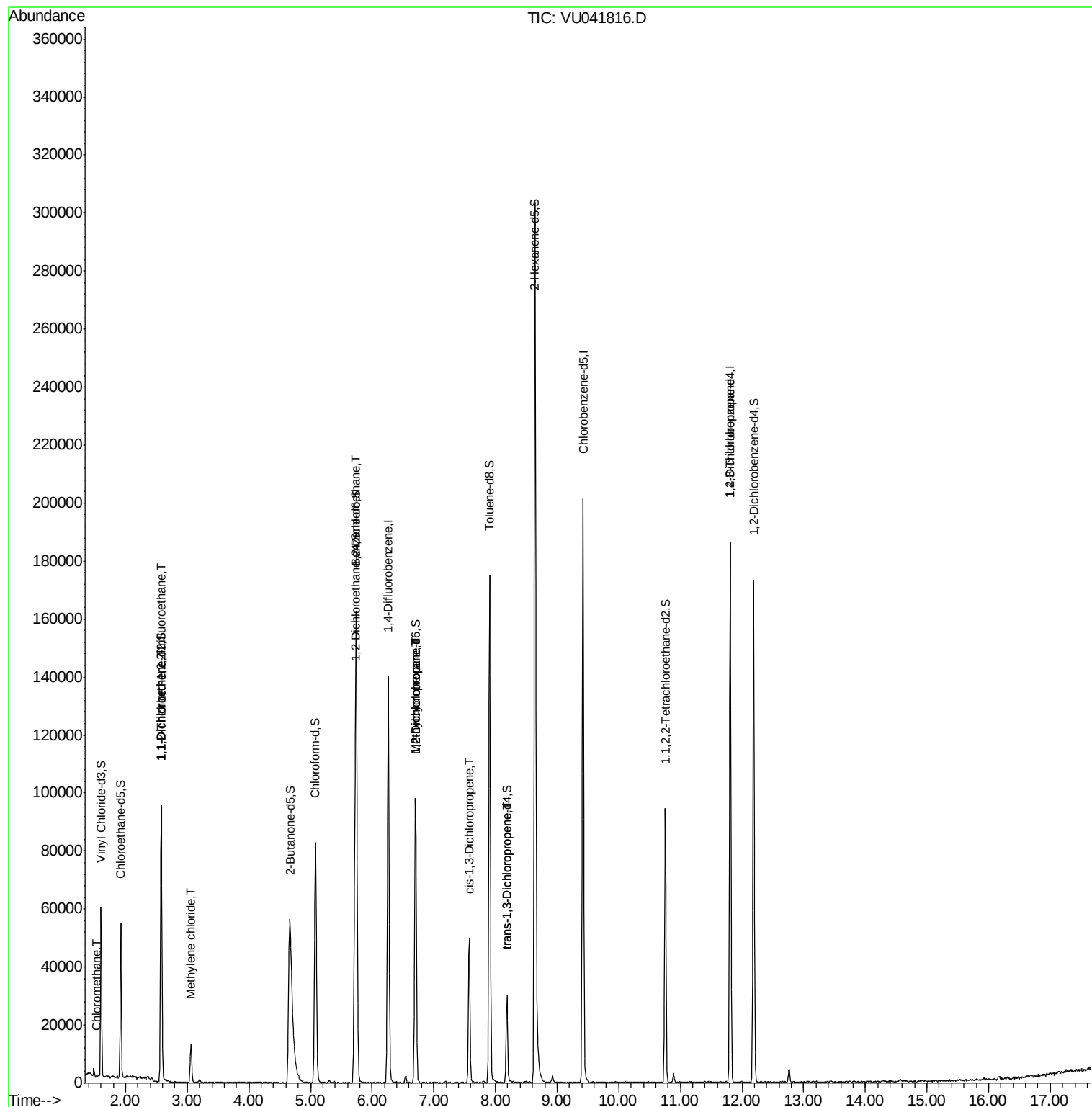
					Ovalue
3) Chloromethane	1.53	50	567	0.058 ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	541	0.066 ug/L #	22
12) 1,1-Dichloroethene	2.59	96	481	0.060 ug/L #	1
16) Methylene chloride	3.06	84	6566	0.682 ug/L	90
27) 1,2-Dichloroethane	5.73	62	500	0.047 ug/L #	73
35) Methylcyclohexane	6.70	83	11988	0.783 ug/L #	21
37) 1,2-Dichloropropane	6.70	63	5465	0.567 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1041	0.073 ug/L #	80
44) trans-1,3-Dichloropropene	8.18	75	615	0.048 ug/L #	62
59) 1,2,3-Trichloropropane	11.81	75	5725	0.791 ug/L	96

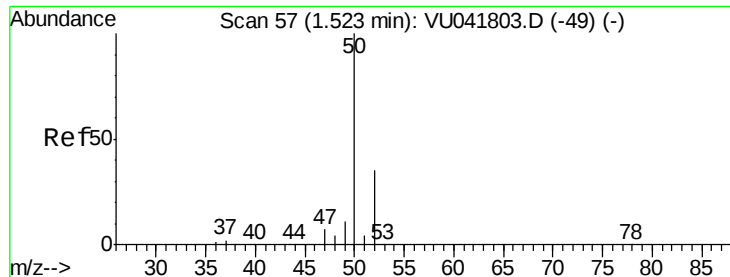
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 25 03:47:04 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.058 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041816.D

Acq: 24 Dec 2020 19:53

Instrument :

MSVOA_U

ClientSampleId :

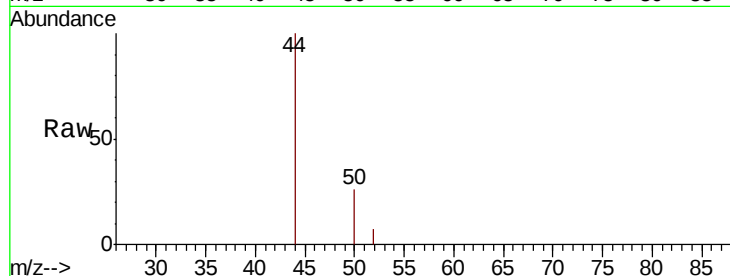
C0AL6

Tot Ion: 50 Resp: 567

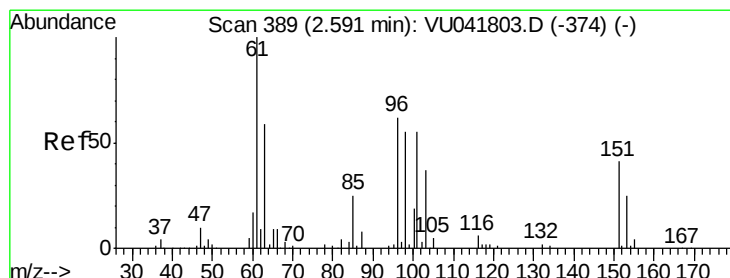
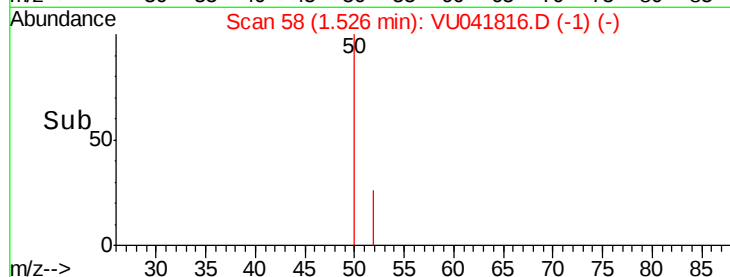
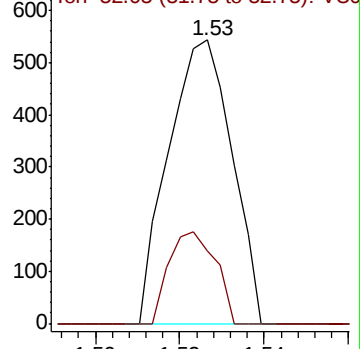
Ion Ratio Lower Upper

50 100

52 25.6 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU041816.D (-1) (-)



#10

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

Concen: 0.066 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041816.D

Acq: 24 Dec 2020 19:53

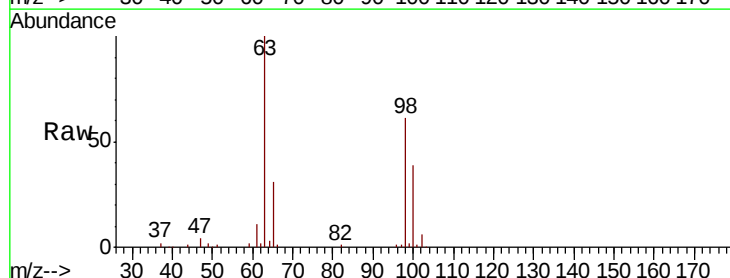
Tgt Ion: 101 Resp: 541

Ion Ratio Lower Upper

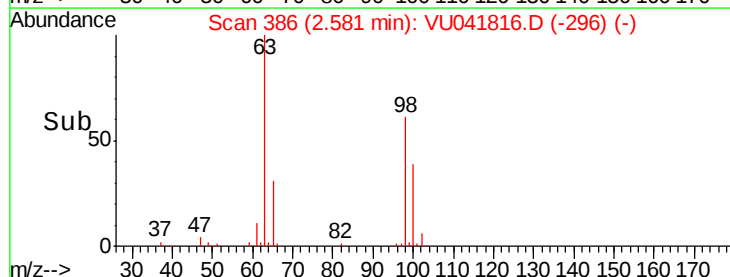
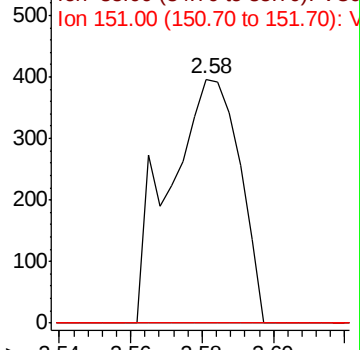
101 100

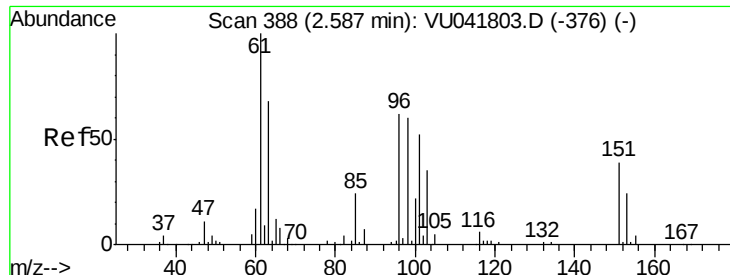
85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): VU041816.D (-296) (-)





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.59 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU041816.D

Acq: 24 Dec 2020 19:53

Instrument :

MSVOA_U

ClientSampleId :

C0AL6

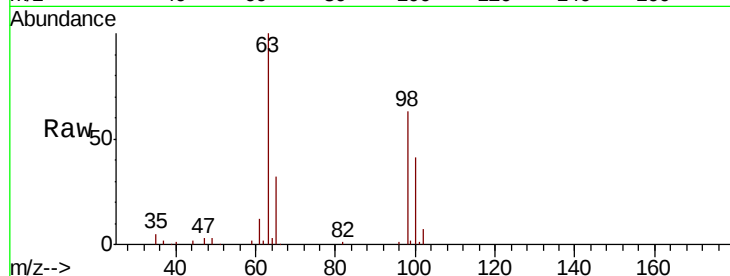
Tot Ion: 96 Resp: 481

Ion Ratio Lower Upper

96 100

61 878.1 123.8 230.0#

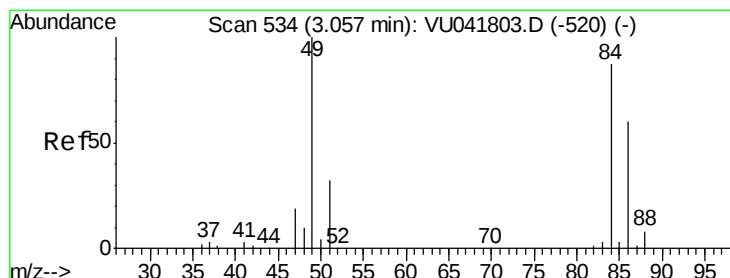
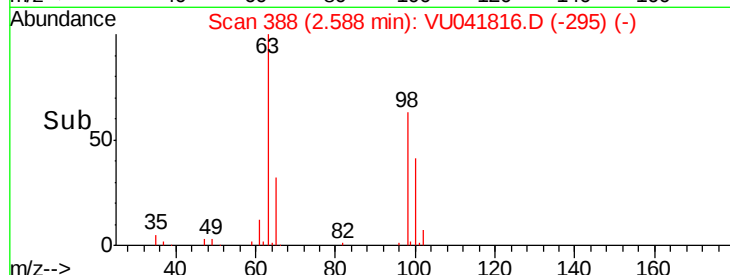
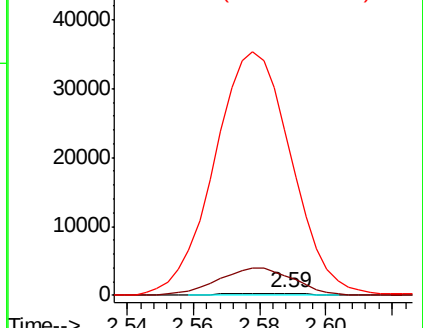
63 7397.5 81.0 150.4#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.682 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.01 min

Lab File: VU041816.D

Acq: 24 Dec 2020 19:53

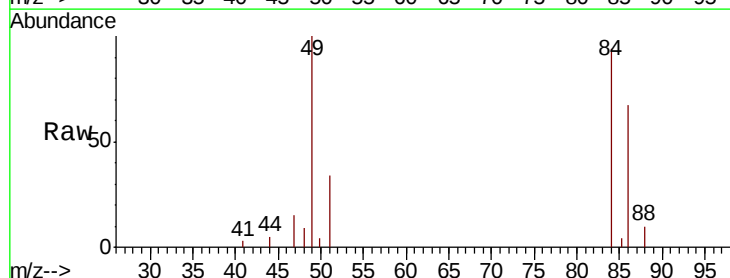
Tgt Ion: 84 Resp: 6566

Ion Ratio Lower Upper

84 100

86 71.1 45.1 83.7

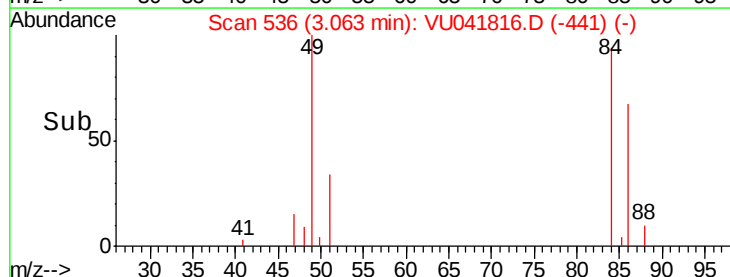
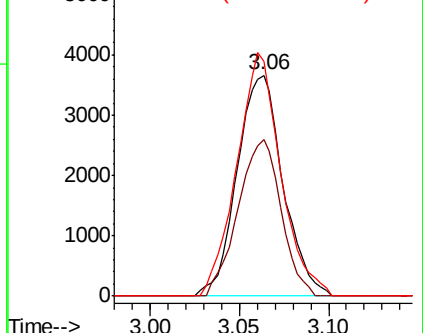
49 106.6 83.1 154.3

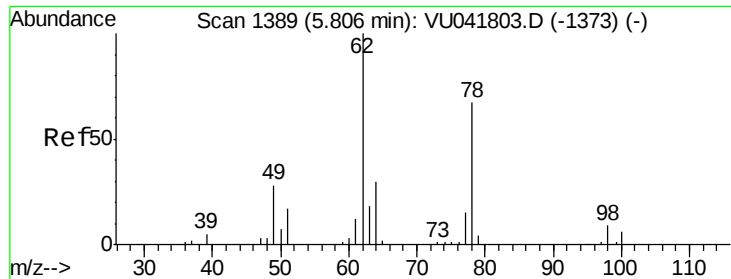


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

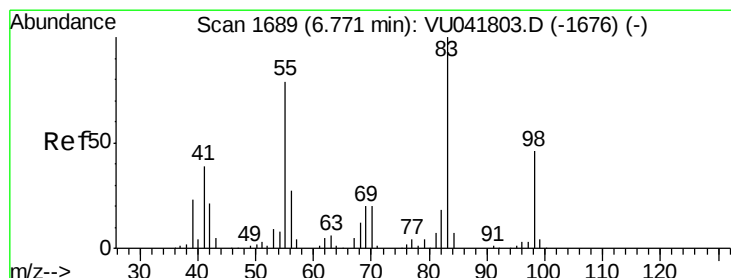
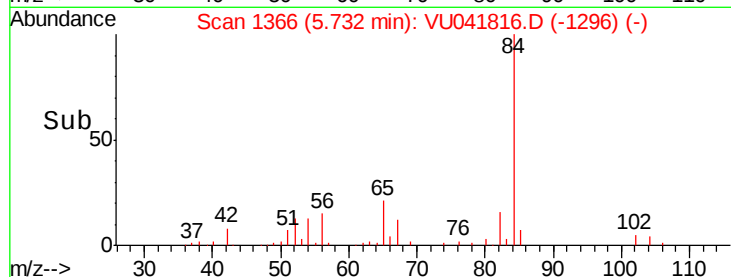
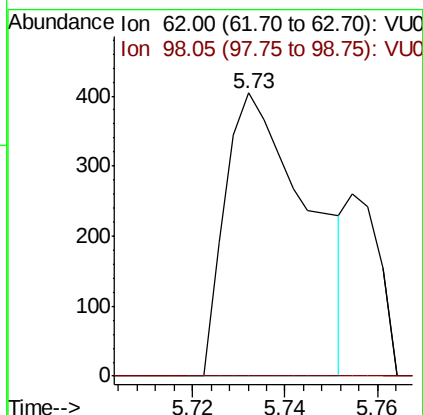
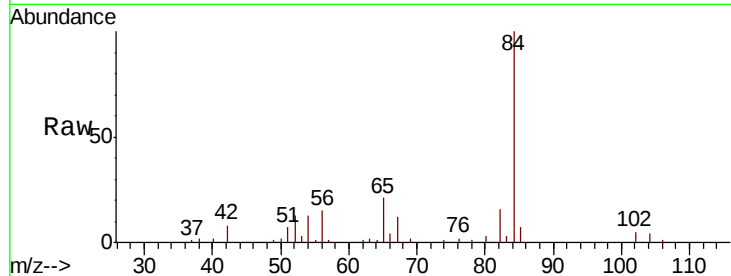




#27
 1,2-Dichloroethane
 Concen: 0.047 ug/L
 RT: 5.73 min Scan# 1366
 Delta R.T. -0.07 min
 Lab File: VU041816.D
 Acq: 24 Dec 2020 19:53

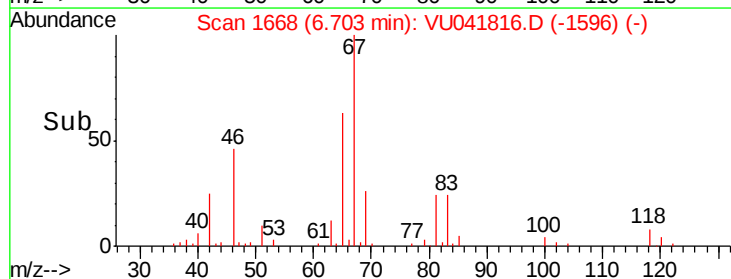
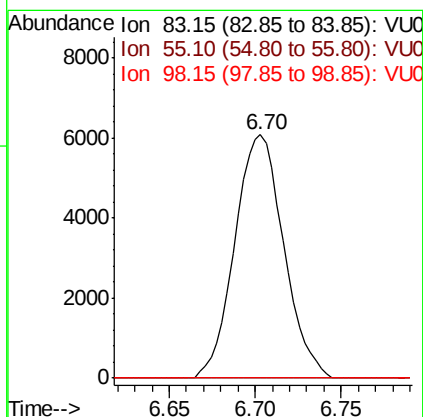
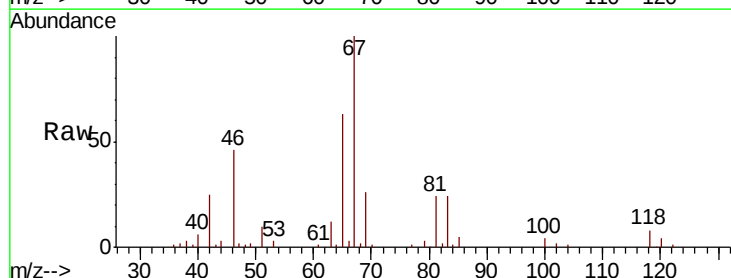
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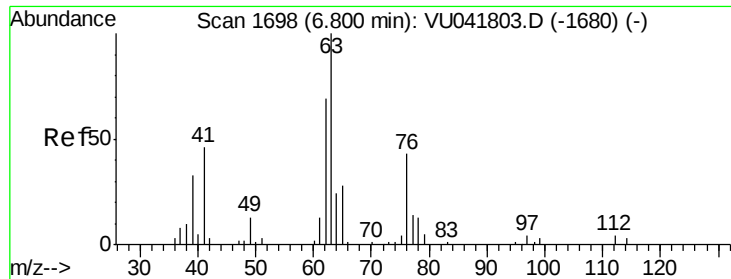
Tot Ion: 62 Resp: 500
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.783 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041816.D
 Acq: 24 Dec 2020 19:53

Tgt Ion: 83 Resp: 11988
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 5.0 36.6 54.8#

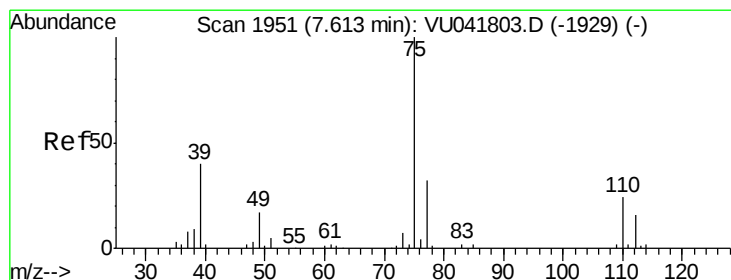
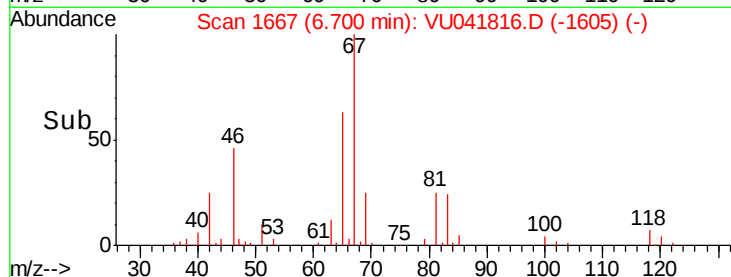
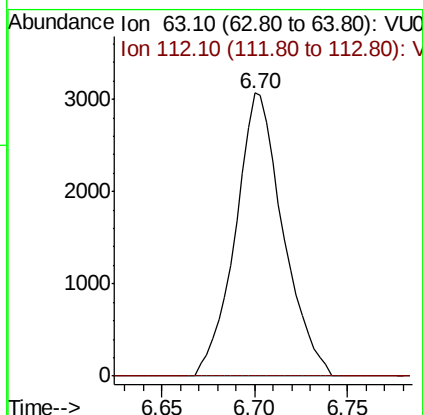
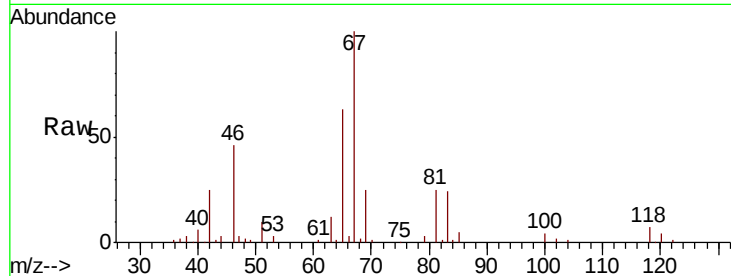




#37
 1,2-Dichloropropane
 Concen: 0.567 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041816.D
 Acq: 24 Dec 2020 19:53

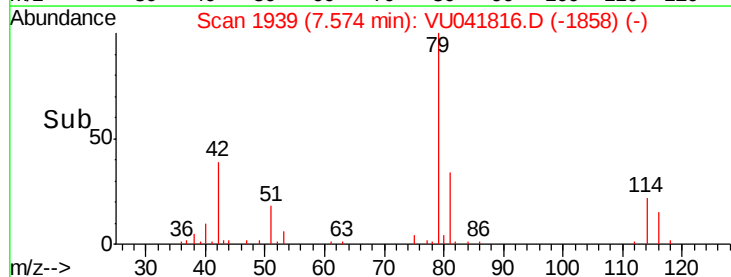
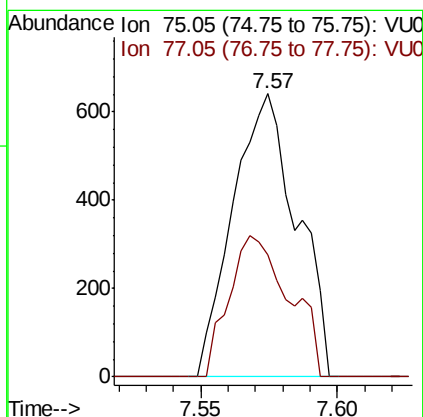
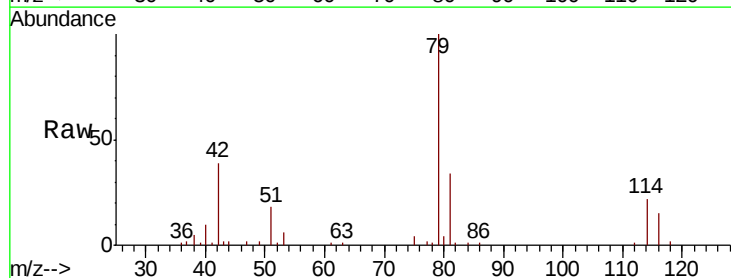
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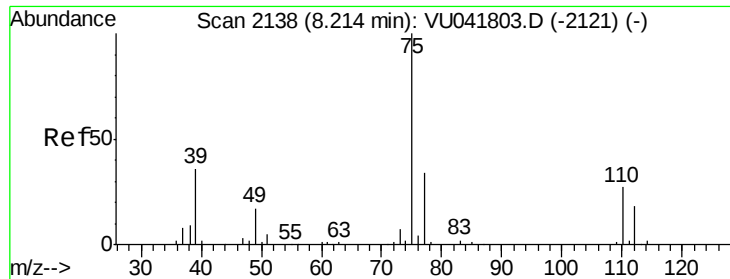
Tot Ion: 63 Resp: 5465
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041816.D
 Acq: 24 Dec 2020 19:53

Tgt Ion: 75 Resp: 1041
 Ion Ratio Lower Upper
 75 100
 77 43.1 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.048 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041816.D

Acq: 24 Dec 2020 19:53

Instrument :

MSVOA_U

ClientSampleId :

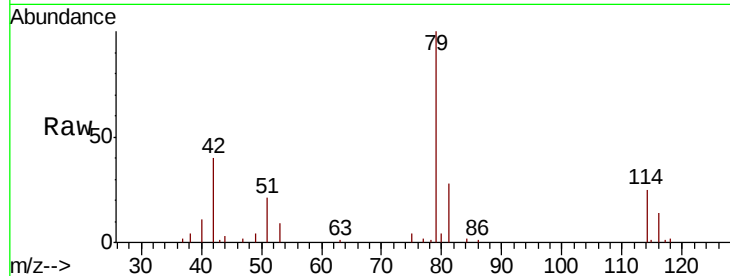
C0AL6

Tot Ion: 75 Resp: 615

Ion Ratio Lower Upper

75 100

77 55.9 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

400

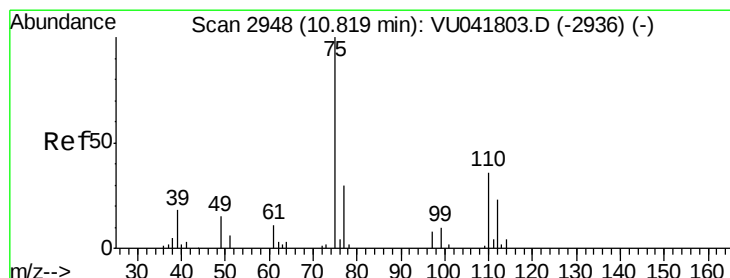
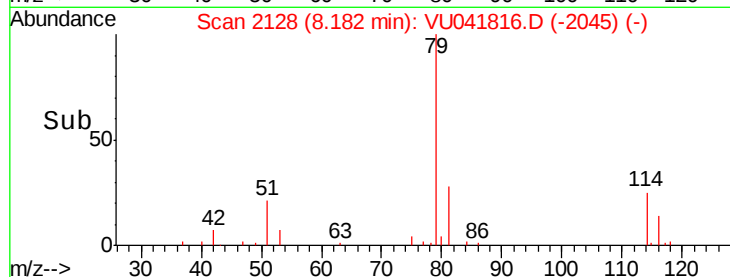
300

200

100

0

Time--> 8.14 8.16 8.18 8.20 8.22



#59

1,2,3-Trichloropropane

Concen: 0.791 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041816.D

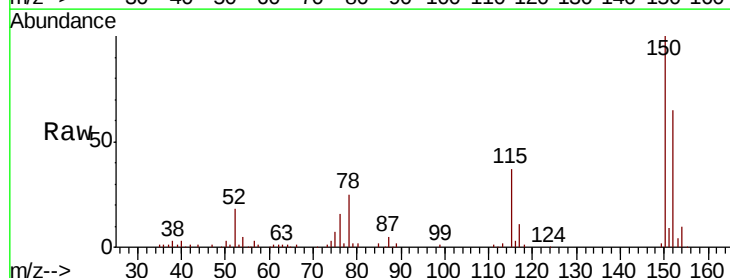
Acq: 24 Dec 2020 19:53

Tgt Ion: 75 Resp: 5725

Ion Ratio Lower Upper

75 100

77 30.7 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

Time--> 11.75 11.80 11.85

