

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041245.D
 Acq On : 16 Nov 2020 14:10
 Operator : SY/MD
 Sample : L4754-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BW6

Quant Time: Nov 17 07:15:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 12:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69122	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73038	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24009	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.92	69	22949	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.58	63	38087	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.66	46	106668	50.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.76%
24) Chloroform-d	5.08	84	54802	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.72	65	33888	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.74	84	97748	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	33678	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.90	98	75032	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.19	79	11380	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.64	63	74669	47.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27545	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	29168	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

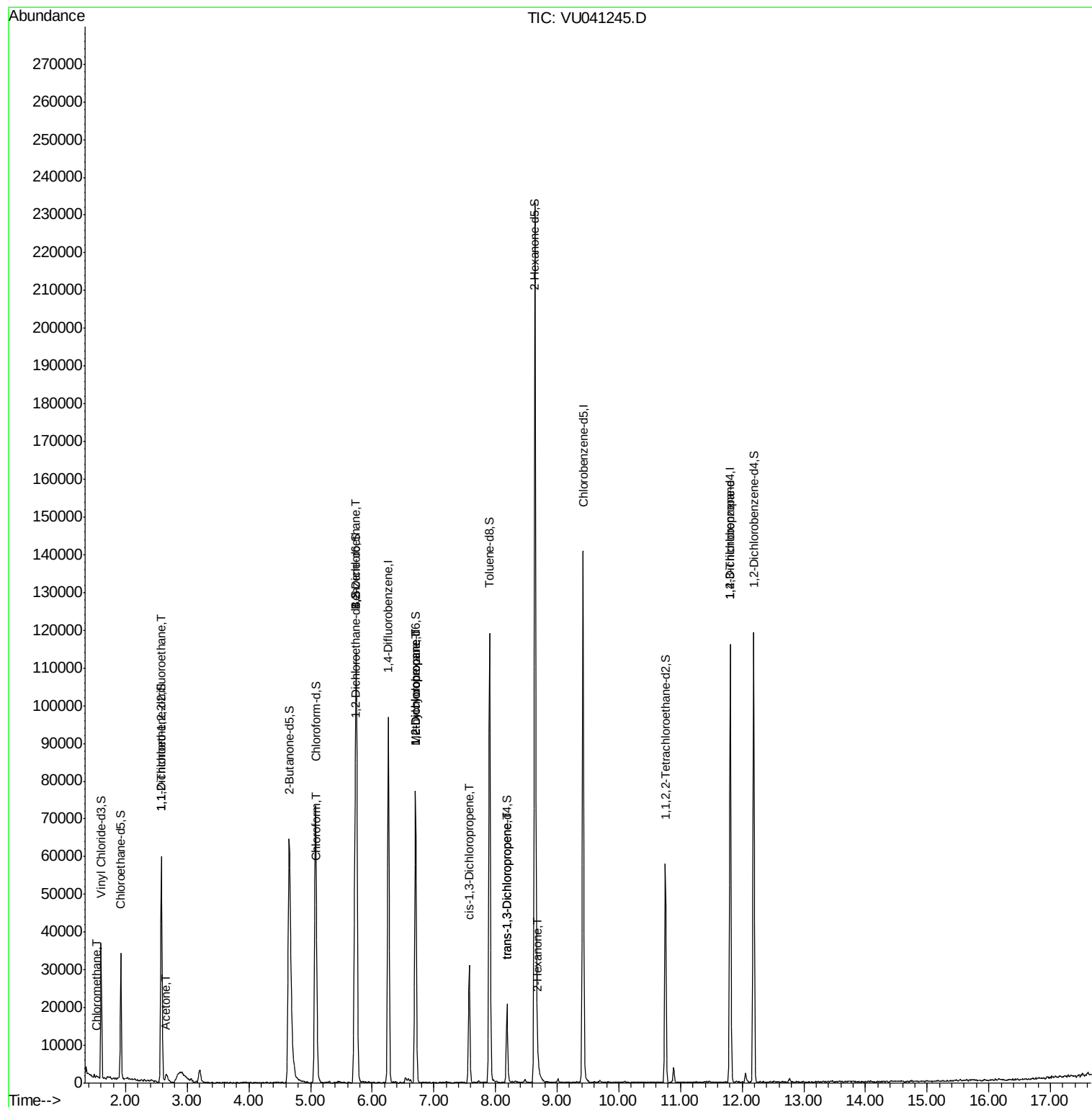
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	395	0.064	ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	227	0.045	ug/L #	22
13) Acetone	2.66	43	4297	3.090	ug/L	89
25) Chloroform	5.11	83	550	0.052	ug/L #	68
27) 1,2-Dichloroethane	5.74	62	601	0.079	ug/L #	74
35) Methylcyclohexane	6.70	83	8151	1.147	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	3419	0.591	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	800	0.099	ug/L #	57
44) trans-1,3-Dichloropropene	8.19	75	520	0.068	ug/L #	30
48) 2-Hexanone	8.69	43	1702	0.476	ug/L #	86
59) 1,2,3-Trichloropropane	11.81	75	3802	0.833	ug/L	93

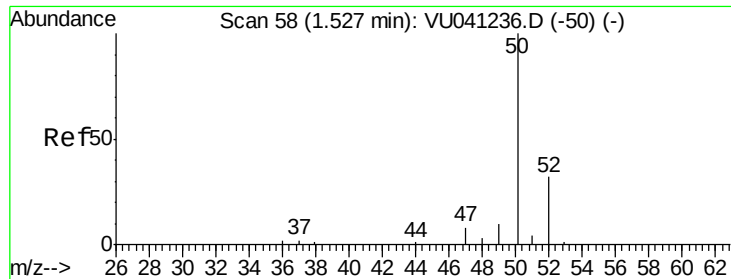
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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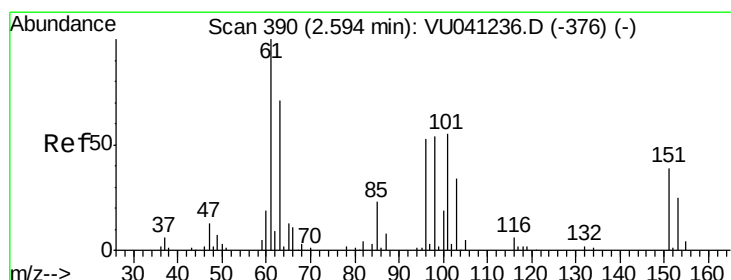
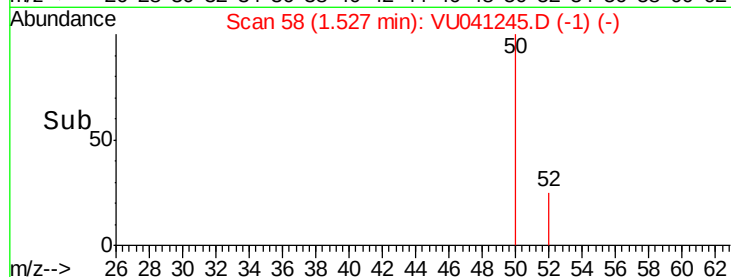
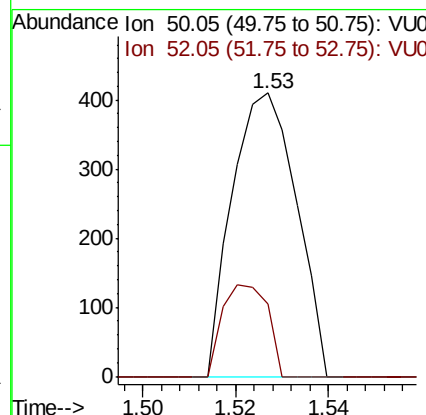
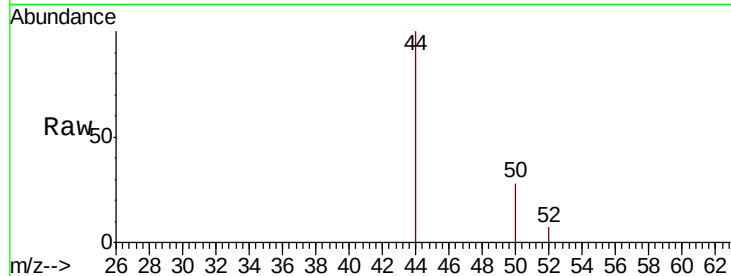




#3
Chloromethane
Concen: 0.064 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041245.D
Acq: 16 Nov 2020 14:10

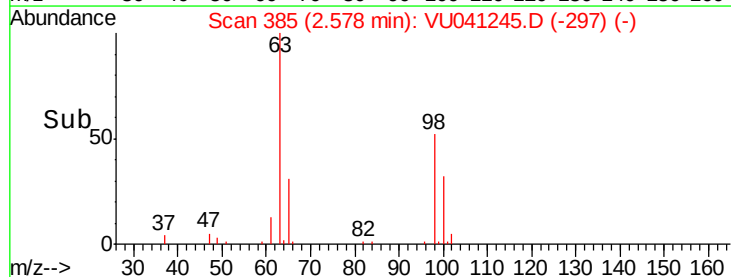
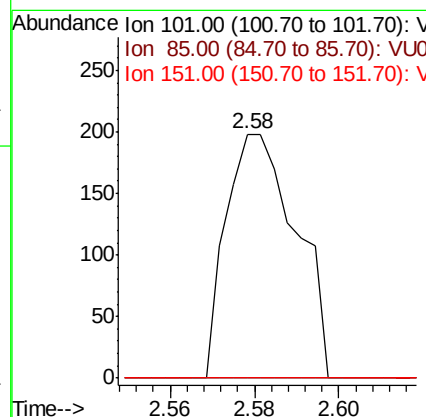
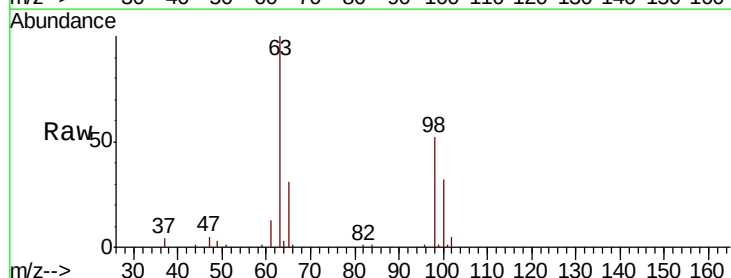
Instrument :
MSVOA_U
ClientSampleId :
C0BW6

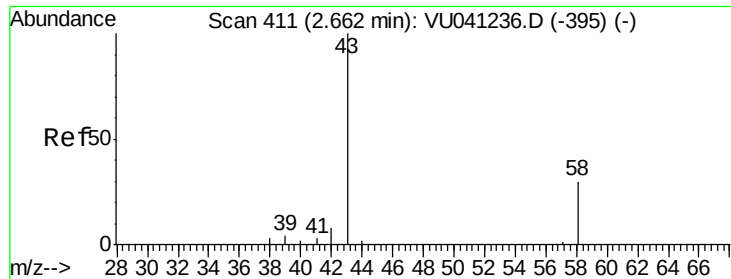
Tot Ion: 50 Resp: 395
Ion Ratio Lower Upper
50 100
52 25.4 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU041245.D
Acq: 16 Nov 2020 14:10

Tgt Ion: 101 Resp: 227
Ion Ratio Lower Upper
101 100
85 0.0 35.0 52.4#
151 0.0 55.3 82.9#





#13

Acetone

Concen: 3.090 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU041245.D

Acq: 16 Nov 2020 14:10

Instrument :

MSVOA_U

ClientSampled :

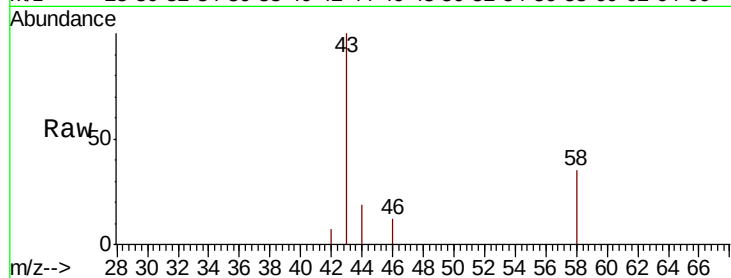
C0BW6

Tot Ion: 43 Resp: 4297

Ion Ratio Lower Upper

43 100

58 16.8 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU041236.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU041236.D (-395) (-)

2.66

1500

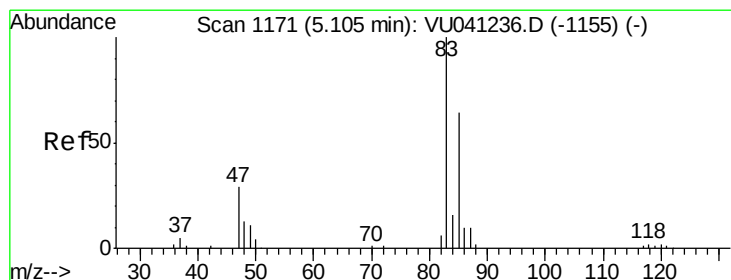
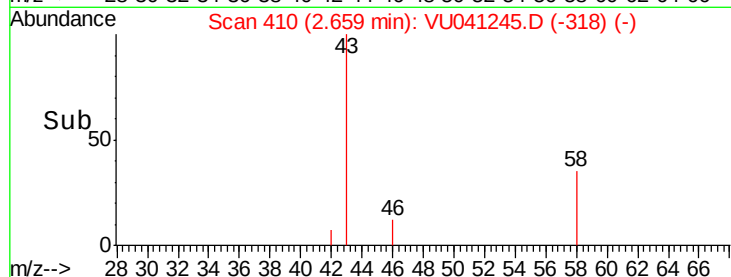
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#25

Chloroform

Concen: 0.052 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041245.D

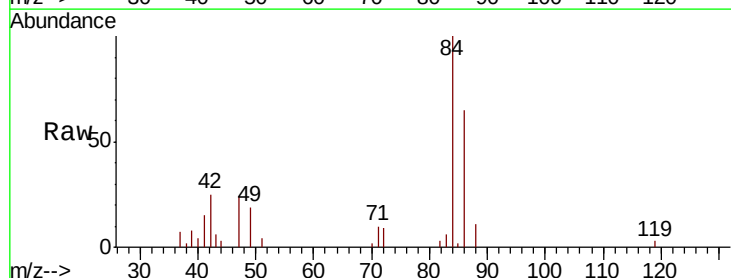
Acq: 16 Nov 2020 14:10

Tgt Ion: 83 Resp: 550

Ion Ratio Lower Upper

83 100

85 40.3 46.1 85.7#



Abundance Ion 83.05 (82.75 to 83.75): VU041236.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU041236.D (-1155) (-)

5.11

500

400

300

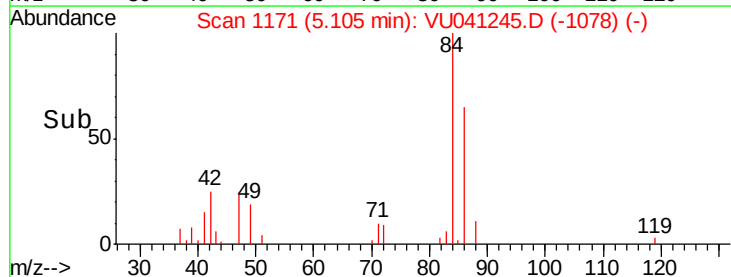
200

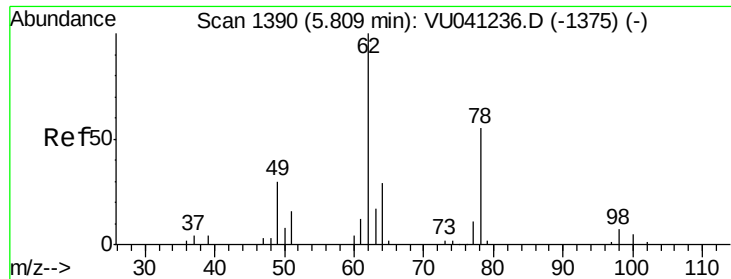
100

0

5.08 5.10 5.12 5.14

Time-->

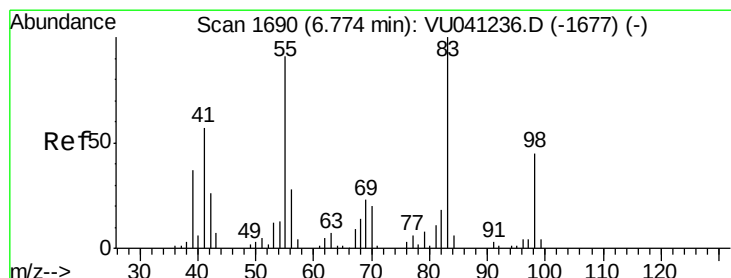
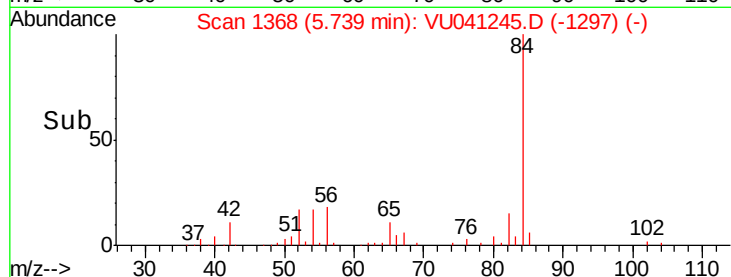
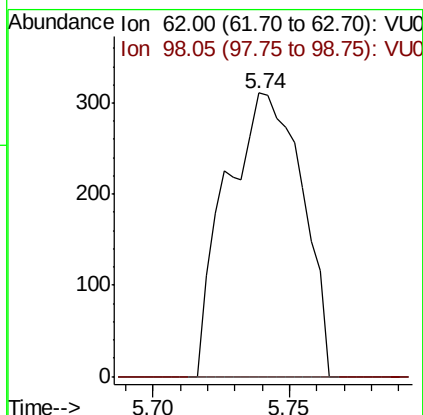
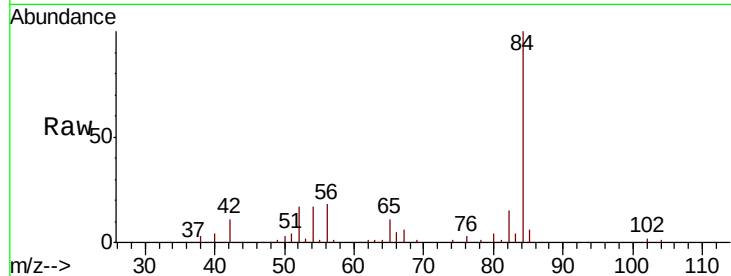




#27
 1,2-Dichloroethane
 Concen: 0.079 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041245.D
 Acq: 16 Nov 2020 14:10

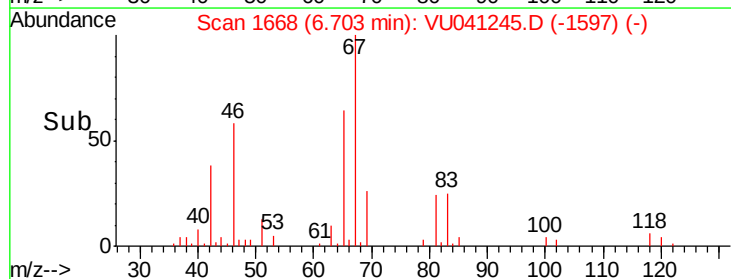
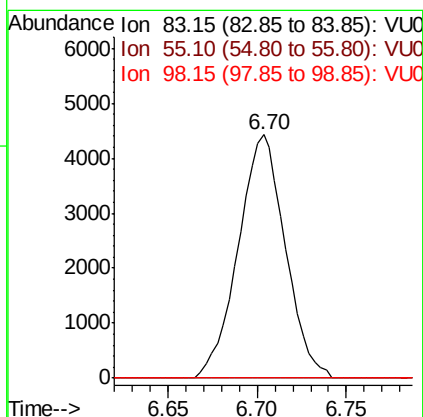
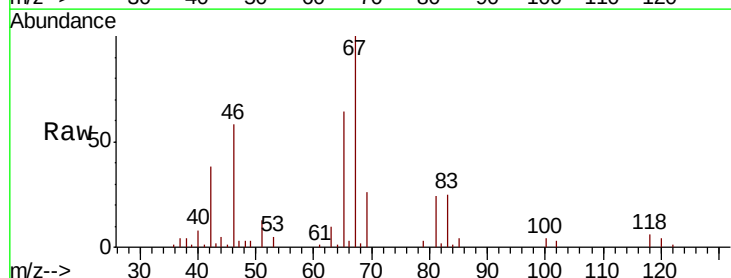
Instrument :
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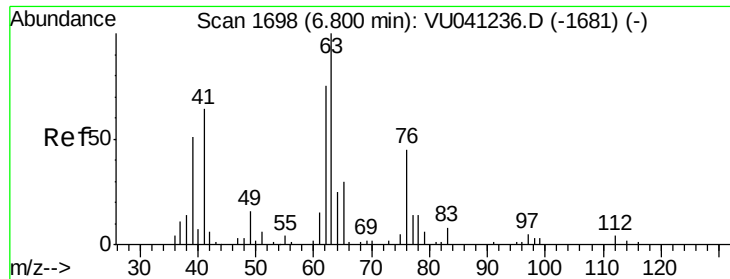
Tot Ion: 62 Resp: 601
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 1.147 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041245.D
 Acq: 16 Nov 2020 14:10

Tgt Ion: 83 Resp: 8151
 Ion Ratio Lower Upper
 83 100
 55 0.0 72.0 108.0#
 98 3.2 36.6 55.0#

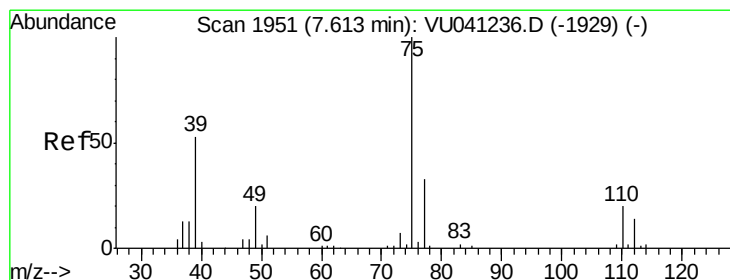
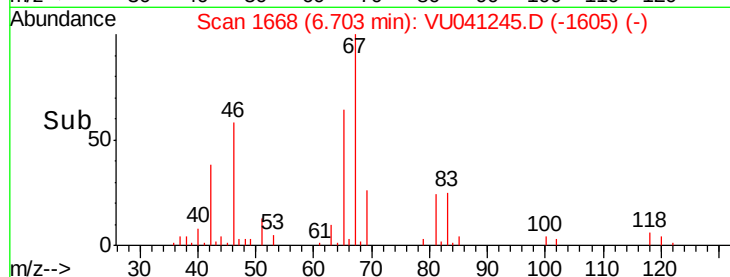
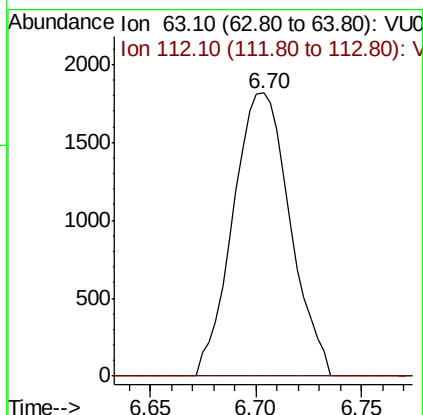
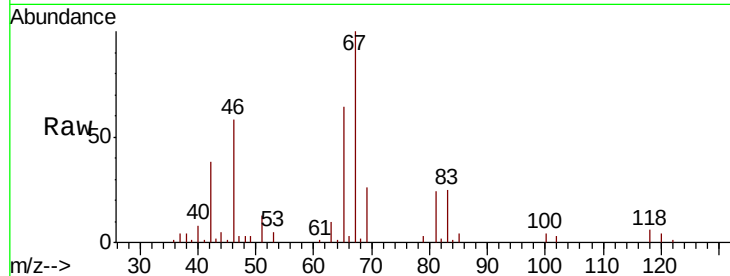




#37
 1,2-Dichloropropane
 Concen: 0.591 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041245.D
 Acq: 16 Nov 2020 14:10

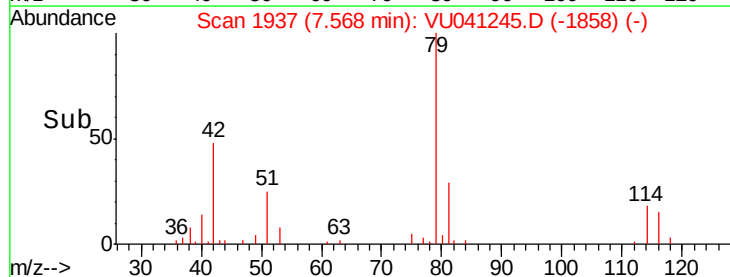
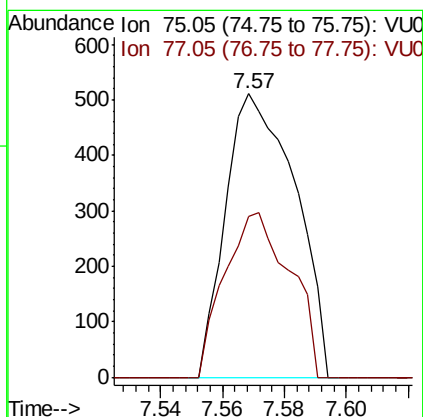
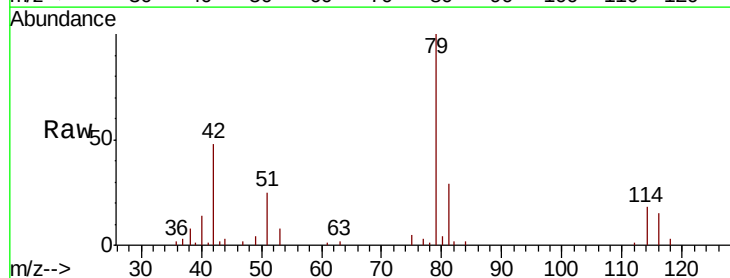
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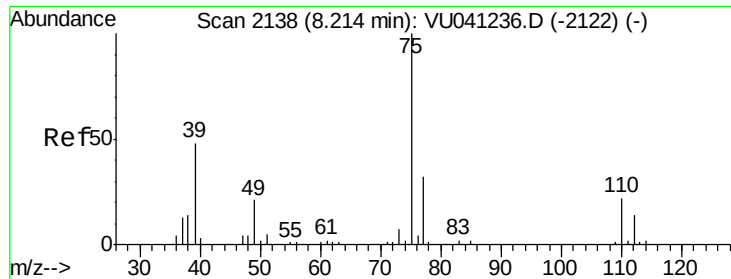
Tot Ion: 63 Resp: 3419
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU041245.D
 Acq: 16 Nov 2020 14:10

Tgt Ion: 75 Resp: 800
 Ion Ratio Lower Upper
 75 100
 77 56.6 22.7 42.3#

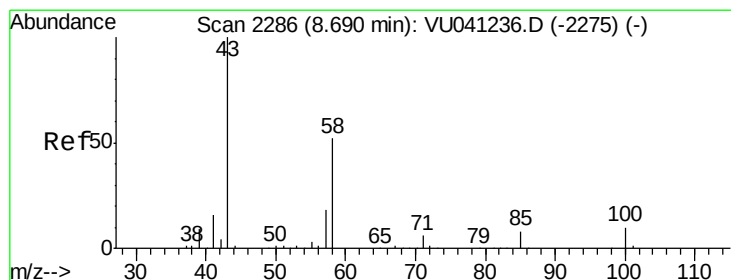
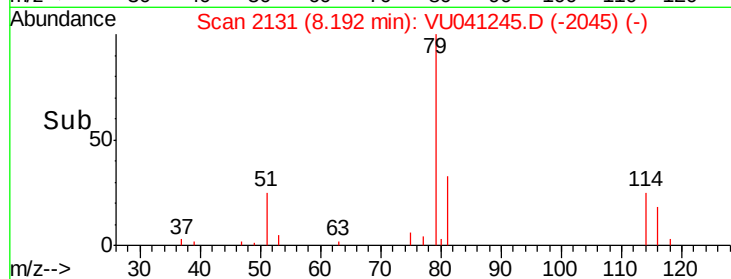
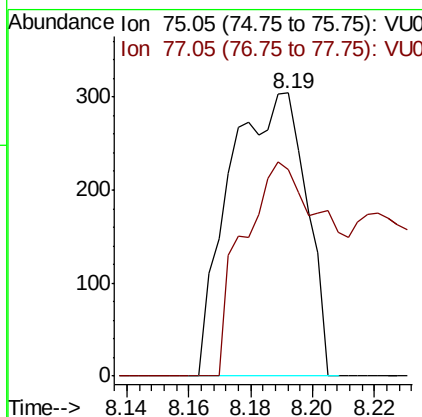
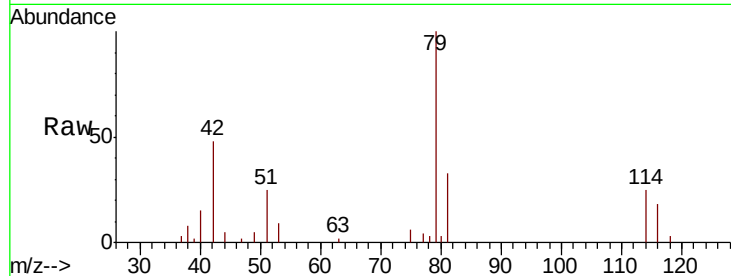




#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU041245.D
Acq: 16 Nov 2020 14:10

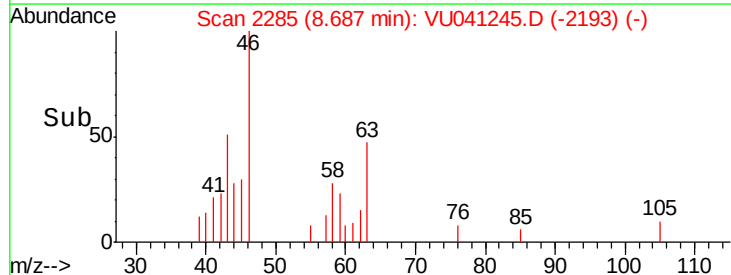
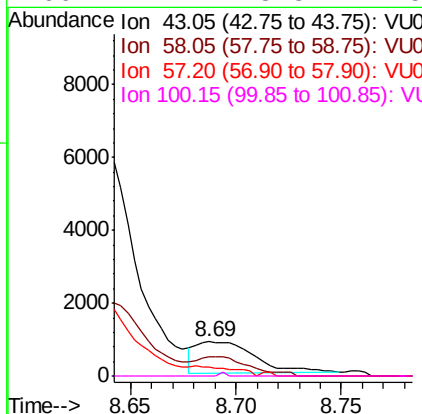
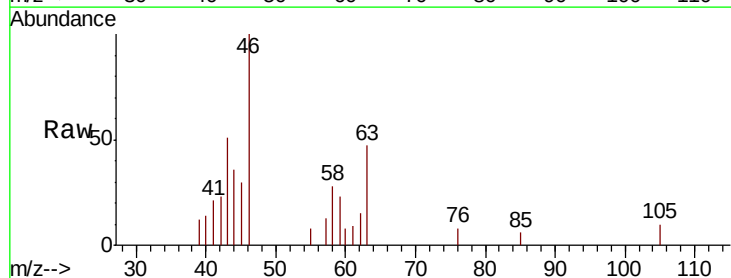
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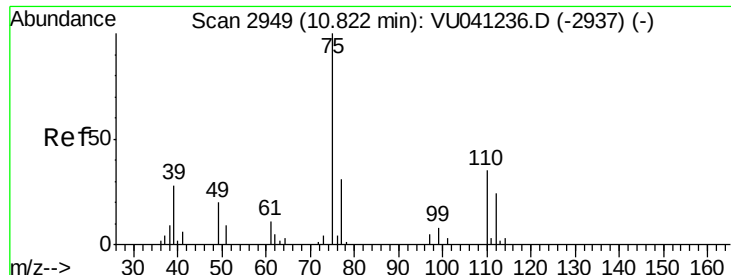
Tot Ion: 75 Resp: 520
Ion Ratio Lower Upper
75 100
77 73.0 23.3 43.3#



#48
2-Hexanone
Concen: 0.476 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VU041245.D
Acq: 16 Nov 2020 14:10

Tgt Ion: 43 Resp: 1702
Ion Ratio Lower Upper
43 100
58 53.8 41.4 62.2
57 0.0 14.6 21.8#
100 1.1 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 0.833 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041245.D

Acq: 16 Nov 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

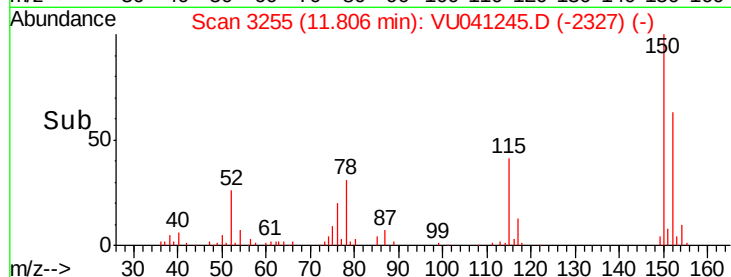
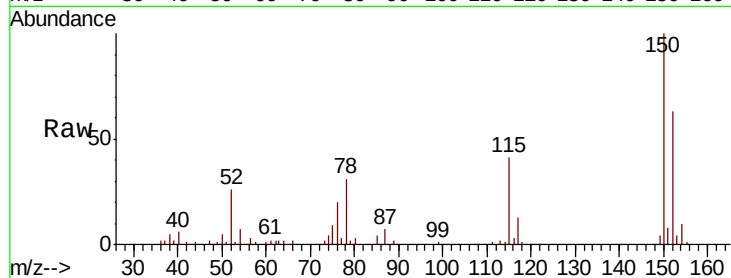
C0BW6

Tot Ion: 75 Resp: 3802

Ion Ratio Lower Upper

75 100

77 36.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

