

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102020\
 Data File : VU040843.D
 Acq On : 20 Oct 2020 13:15
 Operator : SY/MD
 Sample : L4354-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ24

Quant Time: Oct 20 23:57:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 23:49:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124452	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133507	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55366	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	42748	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.92	69	37547	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.58	63	67316	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.65	46	163199	49.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.92%
24) Chloroform-d	5.08	84	86649	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.72	65	53428	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.74	84	158384	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.70	67	53796	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	125555	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.19	79	20278	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.64	63	118200	45.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49184	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	52668	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

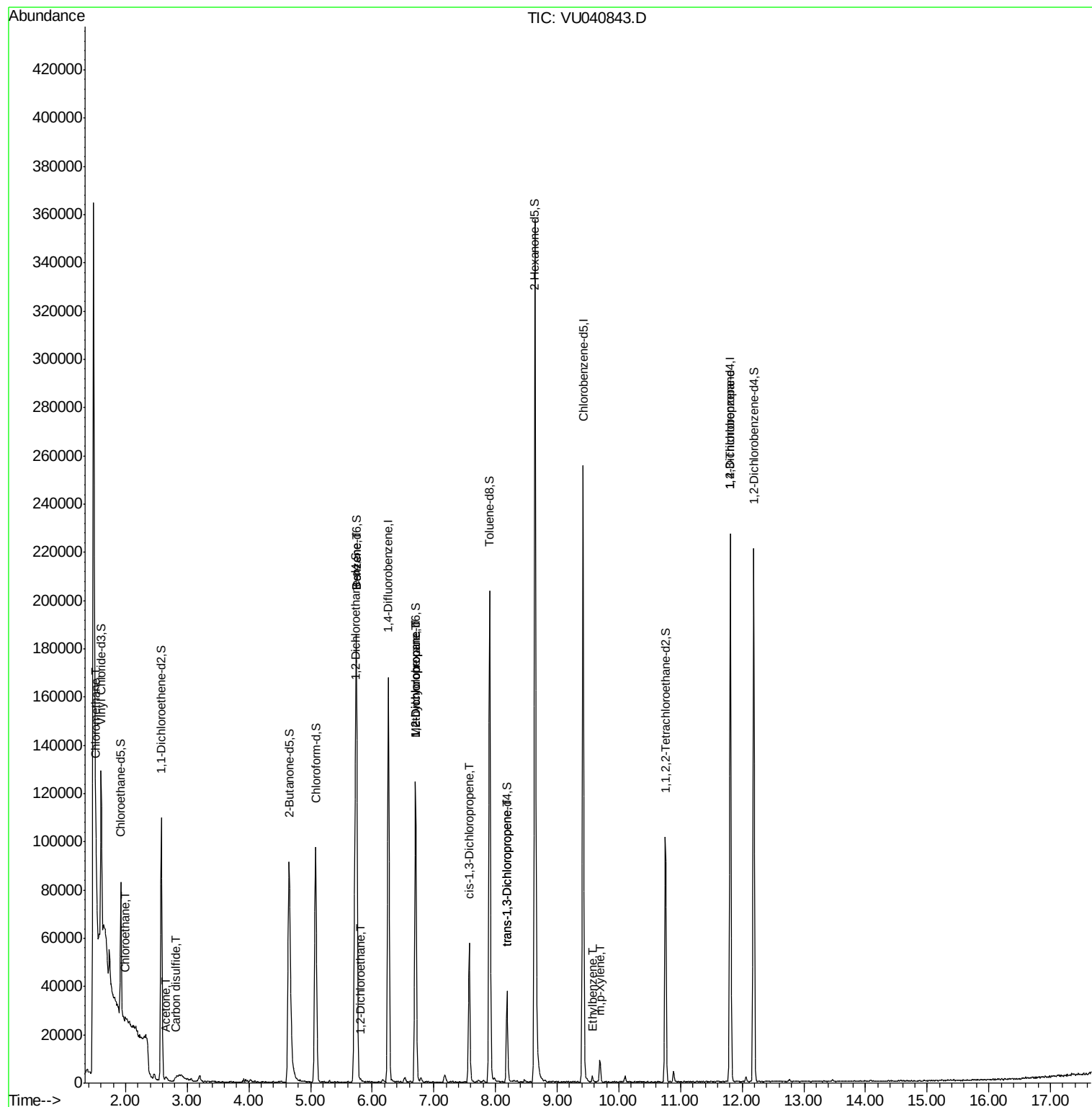
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	2268	0.215	ug/L #	59
8) Chloroethane	2.00	64	1046	0.148	ug/L #	48
13) Acetone	2.66	43	2623	1.025	ug/L	99
14) Carbon disulfide	2.81	76	1143	0.046	ug/L #	76
27) 1,2-Dichloroethane	5.82	62	563	0.041	ug/L #	77
33) Benzene	5.74	78	1308	0.030	ug/L	100
35) Methylcyclohexane	6.70	83	13462	0.854	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5891	0.493	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1480	0.091	ug/L #	47
44) trans-1,3-Dichloropropene	8.19	75	922	0.061	ug/L #	35
52) Ethylbenzene	9.57	91	2066	0.044	ug/L	95
53) m,p-Xylene	9.69	106	2764	0.160	ug/L	95
59) 1,2,3-Trichloropropane	11.81	75	7817	0.890	ug/L	94

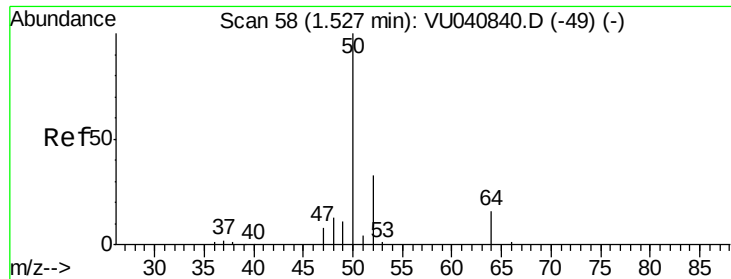
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.215 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040843.D

Acq: 20 Oct 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

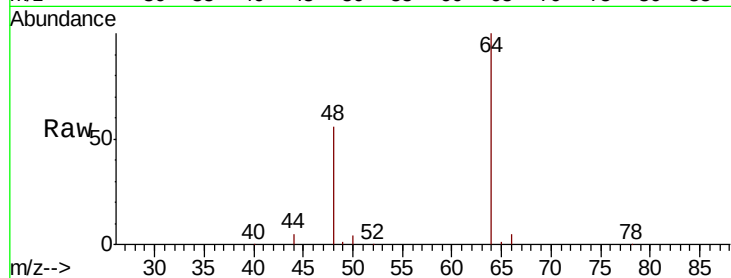
ETZ24

Tot Ion: 50 Resp: 2268

Ion Ratio Lower Upper

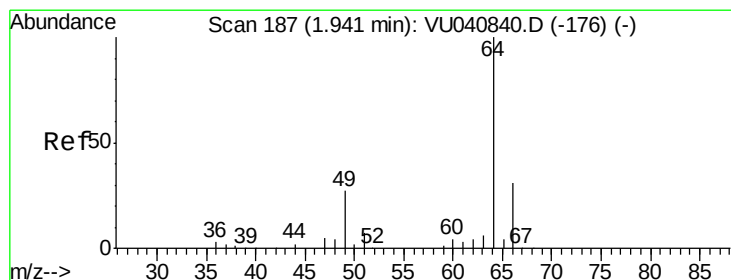
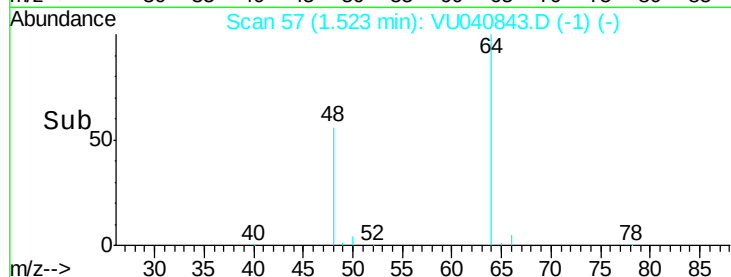
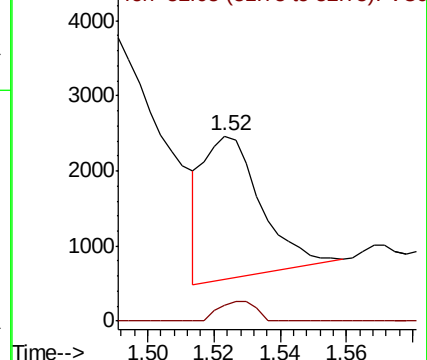
50 100

52 8.6 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU040843.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU040843.D (-49) (-)



#8

Chloroethane

Concen: 0.148 ug/L

RT: 2.00 min Scan# 204

Delta R.T. 0.05 min

Lab File: VU040843.D

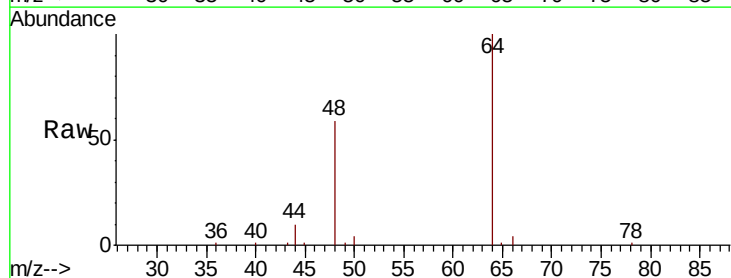
Acq: 20 Oct 2020 13:15

Tgt Ion: 64 Resp: 1046

Ion Ratio Lower Upper

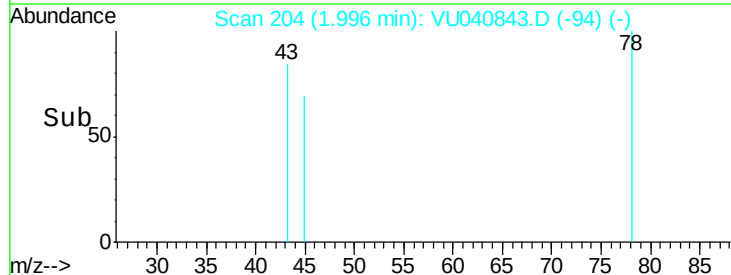
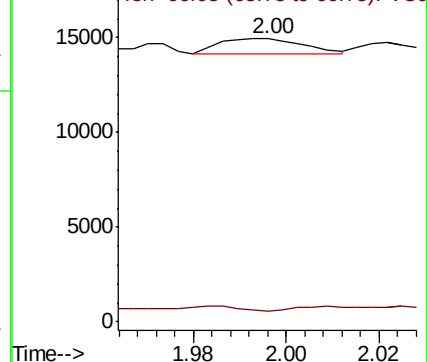
64 100

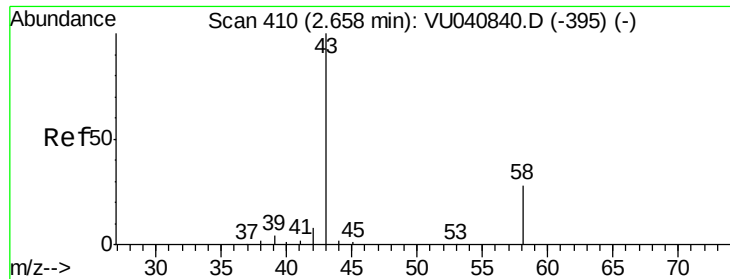
66 4.0 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU040843.D (-176) (-)

Ion 66.05 (65.75 to 66.75): VU040843.D (-176) (-)





#13

Acetone

Concen: 1.025 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU040843.D

Acq: 20 Oct 2020 13:15

Instrument :

MSVOA_U

ClientSampled :

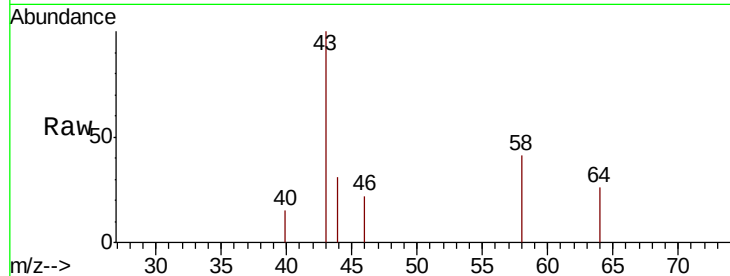
ETZ24

Tot Ion: 43 Resp: 2623

Ion Ratio Lower Upper

43 100

58 31.0 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040843.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU040843.D (-317) (-)

2.66

1200

1000

800

600

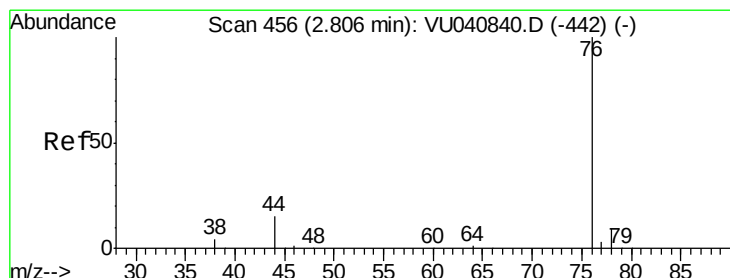
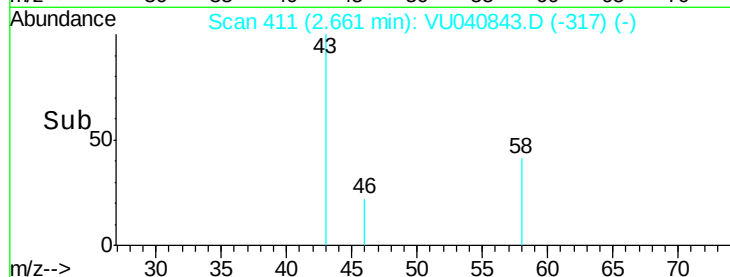
400

200

0

Time-->

2.60 2.65 2.70



#14

Carbon disulfide

Concen: 0.046 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040843.D

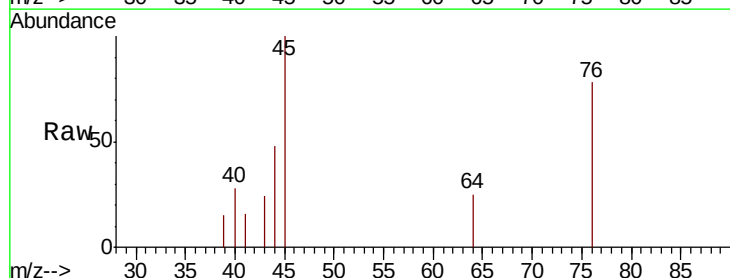
Acq: 20 Oct 2020 13:15

Tgt Ion: 76 Resp: 1143

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



Abundance Ion 76.05 (75.75 to 76.75): VU040843.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040843.D (-363) (-)

2.81

600

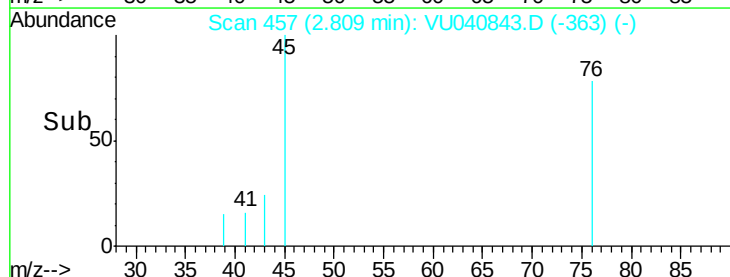
400

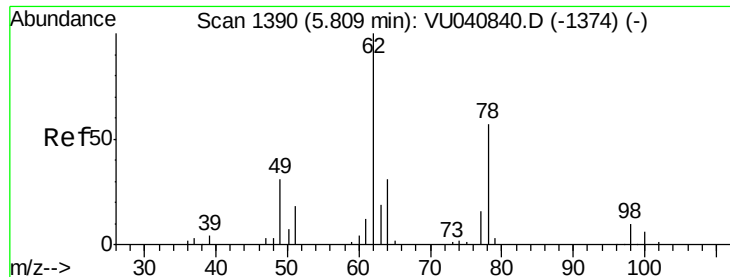
200

0

Time-->

2.75 2.80 2.85

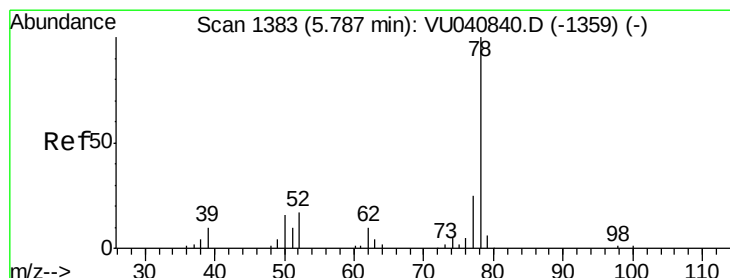
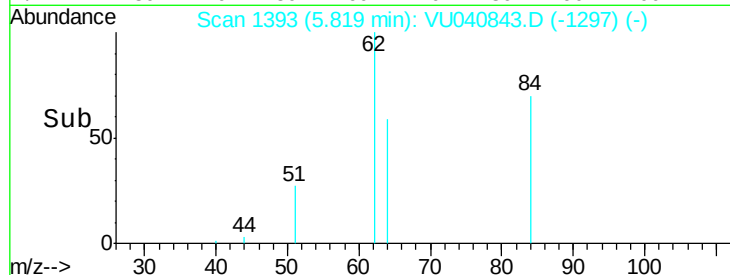
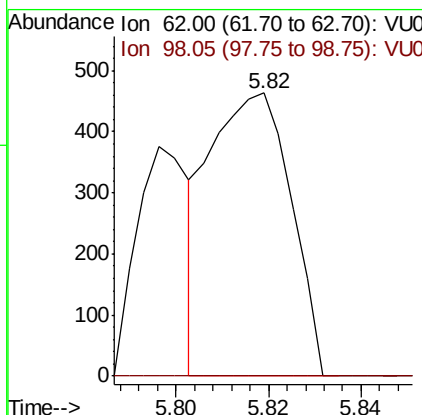
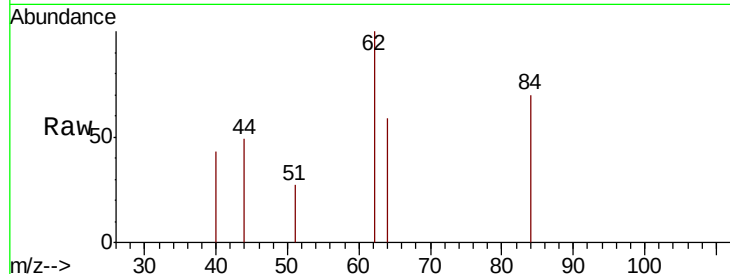




#27
 1,2-Dichloroethane
 Concen: 0.041 ug/L
 RT: 5.82 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VU040843.D
 Acq: 20 Oct 2020 13:15

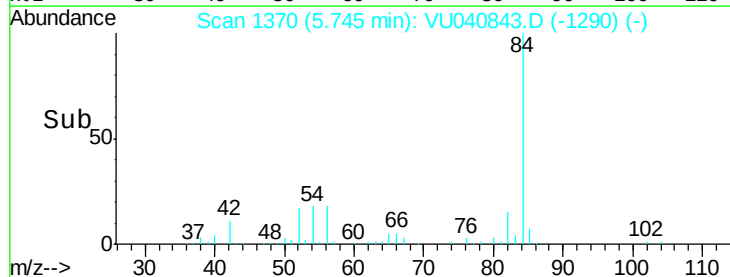
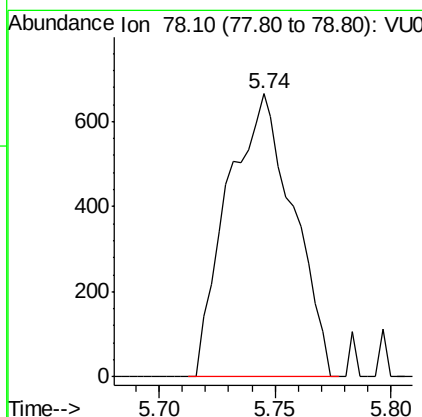
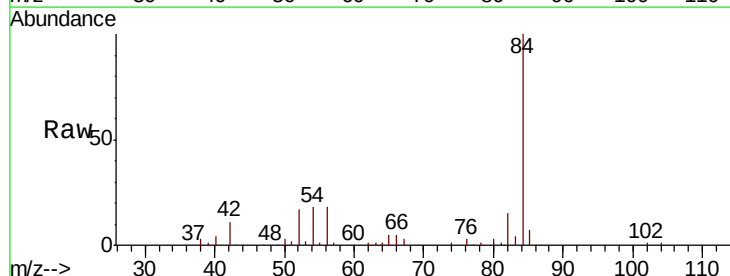
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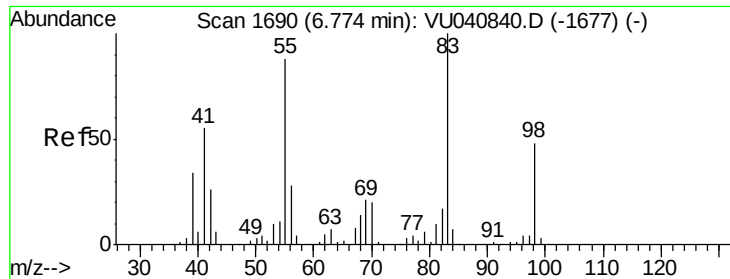
Tot Ion: 62 Resp: 563
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#33
 Benzene
 Concen: 0.030 ug/L
 RT: 5.74 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: VU040843.D
 Acq: 20 Oct 2020 13:15

Tgt Ion: 78 Resp: 1308

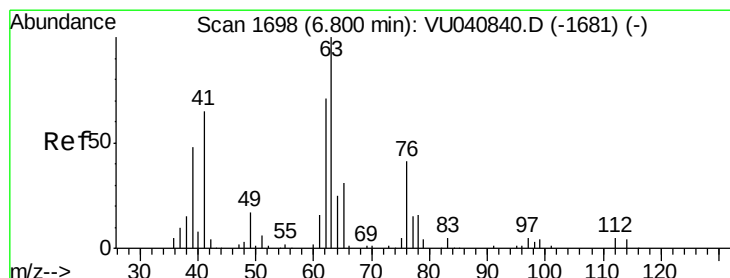
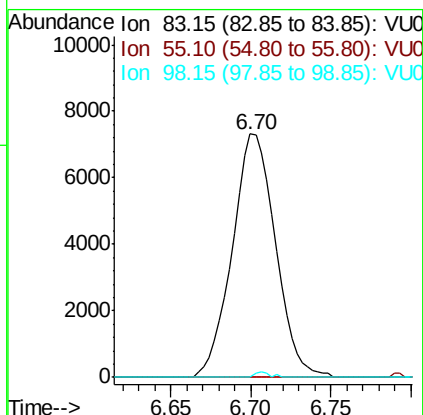
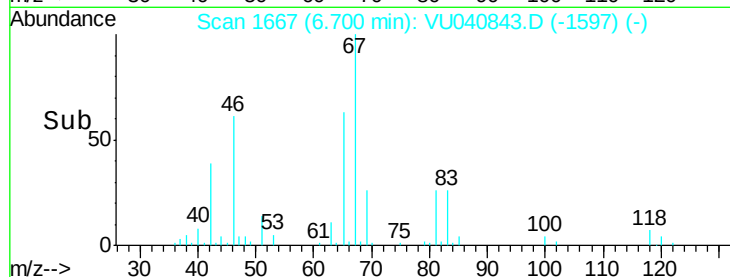
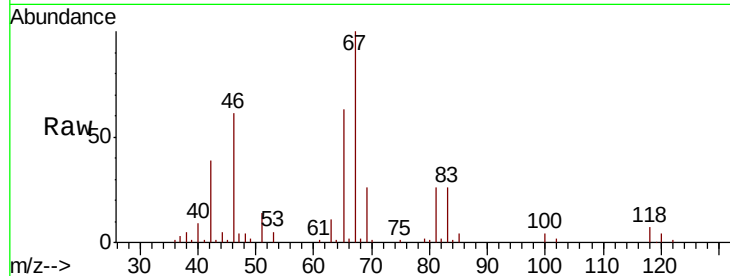




#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040843.D
Acq: 20 Oct 2020 13:15

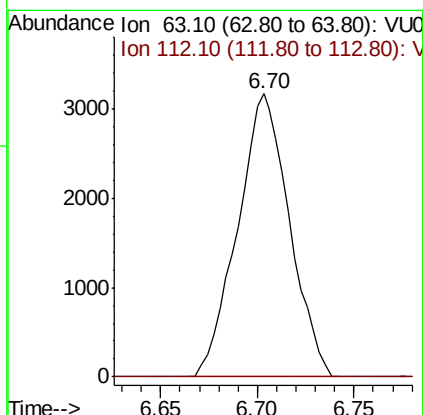
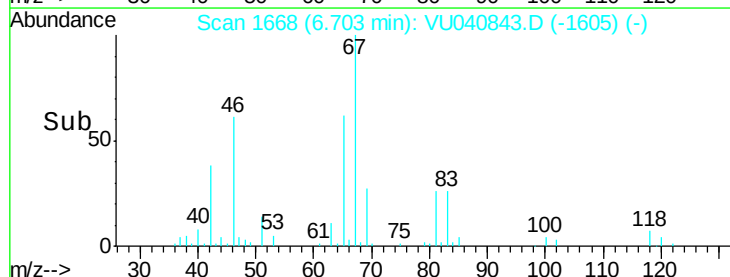
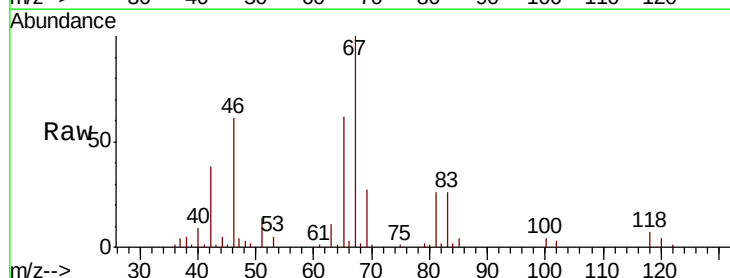
Instrument :
MSVOA_U
ClientSampleId :
ETZ24

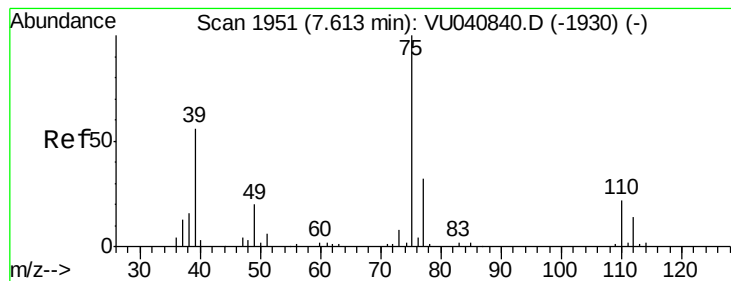
Tot Ion: 83 Resp: 13462
Ion Ratio Lower Upper
83 100
55 0.3 70.7 106.1#
98 0.7 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040843.D
Acq: 20 Oct 2020 13:15

Tgt Ion: 63 Resp: 5891
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



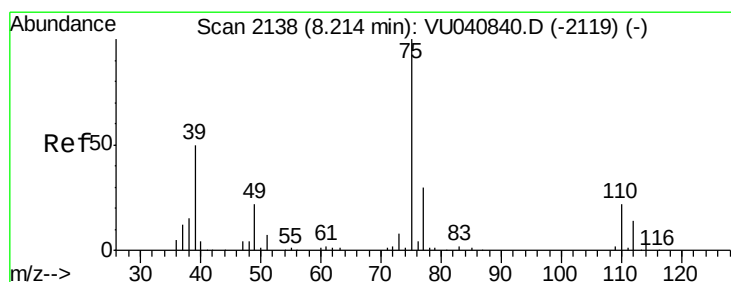
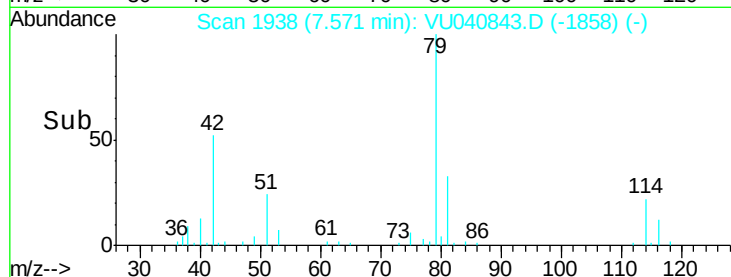
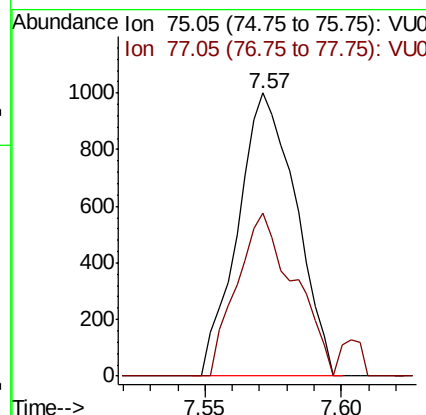
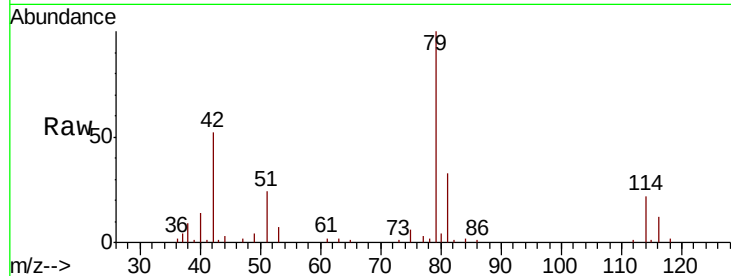


#39

cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040843.D
 Acq: 20 Oct 2020 13:15

Instrument :
 MSVOA_U
 ClientSampled :
 ETZ24

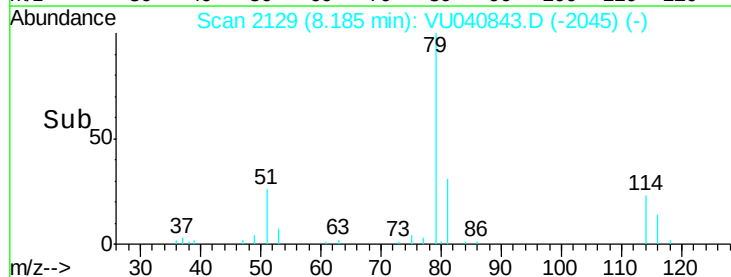
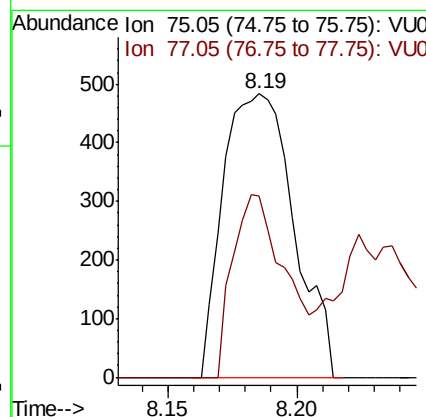
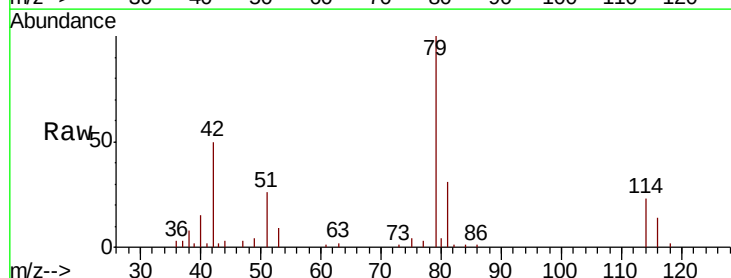
Tot Ion: 75 Resp: 1480
 Ion Ratio Lower Upper
 75 100
 77 57.8 20.5 38.1#

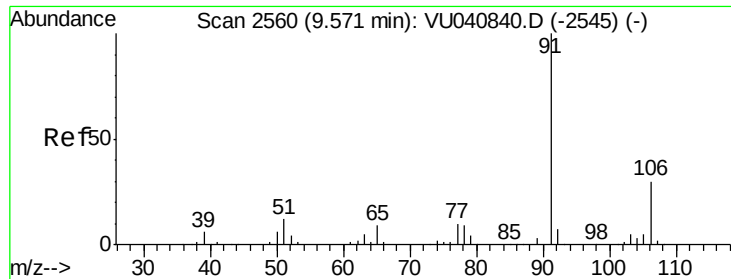


#44

trans-1,3-Dichloropropene
 Concen: 0.061 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040843.D
 Acq: 20 Oct 2020 13:15

Tgt Ion: 75 Resp: 922
 Ion Ratio Lower Upper
 75 100
 77 64.2 20.4 38.0#

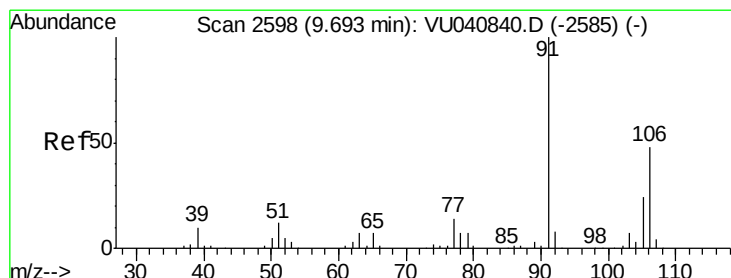
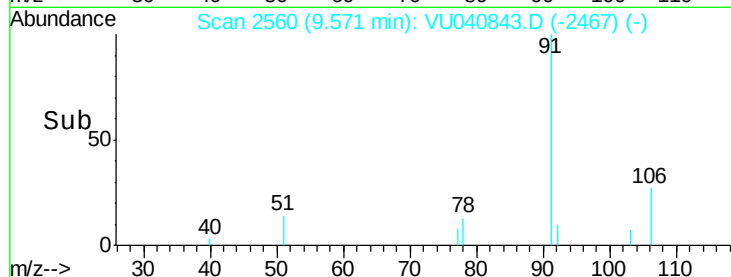
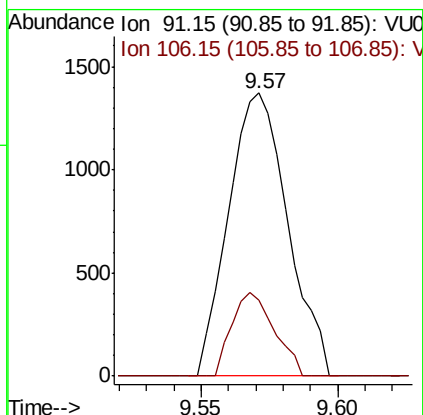
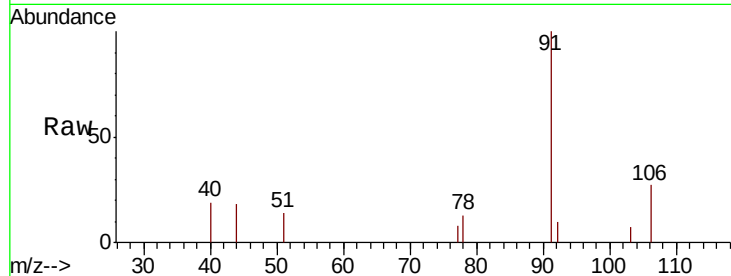




#52
Ethylbenzene
Concen: 0.044 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040843.D
Acq: 20 Oct 2020 13:15

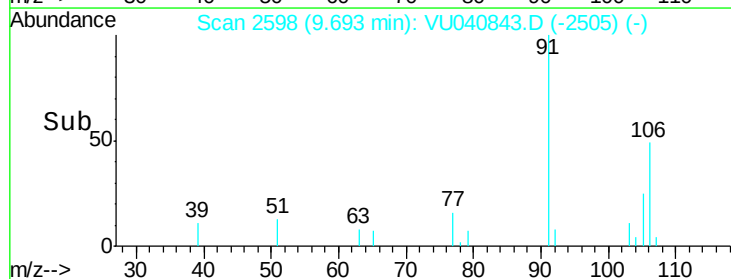
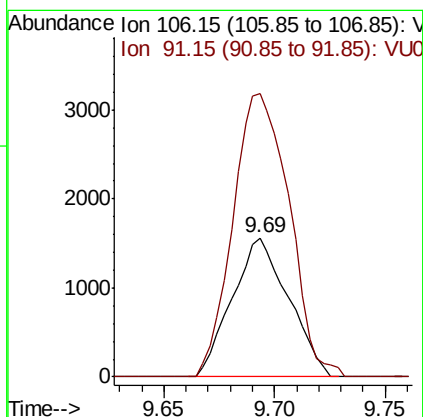
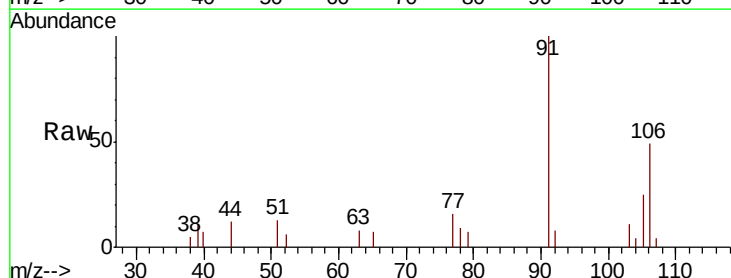
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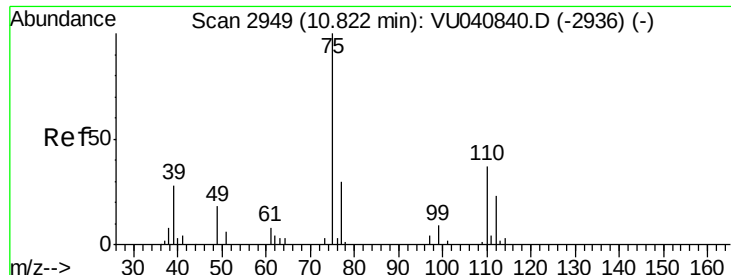
Tot Ion: 91 Resp: 2066
Ion Ratio Lower Upper
91 100
106 26.8 20.7 38.5



#53
m,p-Xylene
Concen: 0.160 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040843.D
Acq: 20 Oct 2020 13:15

Tgt Ion: 106 Resp: 2764
Ion Ratio Lower Upper
106 100
91 203.9 148.5 275.7





#59

1,2,3-Trichloropropane

Concen: 0.890 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040843.D

Acq: 20 Oct 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

ETZ24

Tot Ion: 75 Resp: 7817

Ion Ratio Lower Upper

75 100

77 36.6 26.4 39.6

