

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040810.D
 Acq On : 19 Oct 2020 17:36
 Operator : SY/MD
 Sample : L4354-22DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ42DL

Quant Time: Oct 20 01:39:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51473	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46758	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.92	69	39610	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.58	63	69879	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.66	46	166645	52.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.38%
24) Chloroform-d	5.08	84	89574	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.72	65	54235	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	165221	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.70	67	55349	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.91	98	130591	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.19	79	21319	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.64	63	116501	47.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49300	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	53684	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	15961	1.500 ug/L #	51
8) Chloroethane	1.93	64	579	0.085 ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	559	0.056 ug/L #	20
12) 1,1-Dichloroethene	2.59	96	578	0.068 ug/L #	1
16) Methylene chloride	3.06	84	3061	0.280 ug/L	87
22) cis-1,2-Dichloroethene	4.69	96	94981	9.887 ug/L	95
25) Chloroform	5.11	83	1430	0.076 ug/L	79
34) Trichloroethene	6.55	95	1089	0.104 ug/L	88
35) Methylcyclohexane	6.70	83	12988	0.876 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6276	0.558 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1476	0.096 ug/L #	43
44) trans-1,3-Dichloropropene	8.19	75	959	0.068 ug/L #	83
48) 2-Hexanone	8.69	43	3771	0.565 ug/L #	81
49) Dibromochloromethane	8.56	129	646	0.067 ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	6912	0.837 ug/L #	85

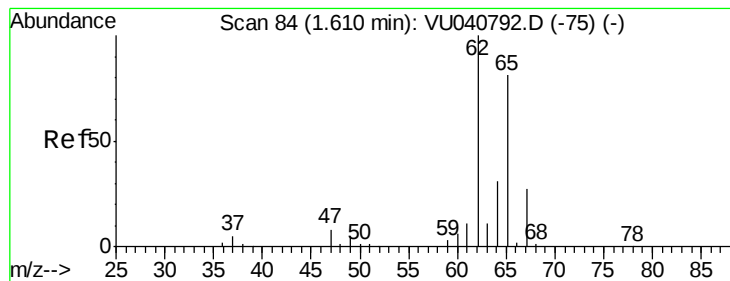
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040810.D
Acq On : 19 Oct 2020 17:36
Operator : SY/MD
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 01:28:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#5

Vinyl chloride

Concen: 1.500 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040810.D

Acq: 19 Oct 2020 17:36

Instrument :

MSVOA_U

ClientSampleId :

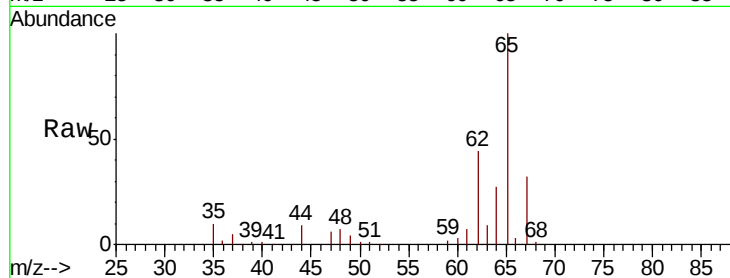
ETZ42DL

Tot Ion: 62 Resp: 15961

Ion Ratio Lower Upper

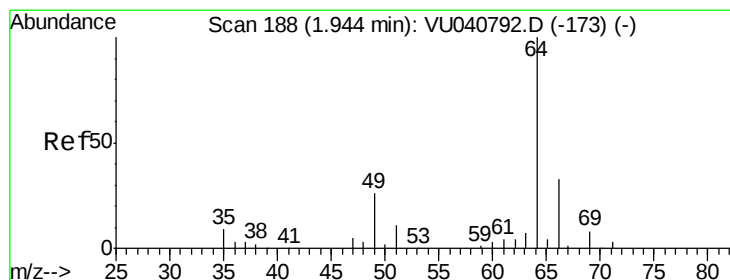
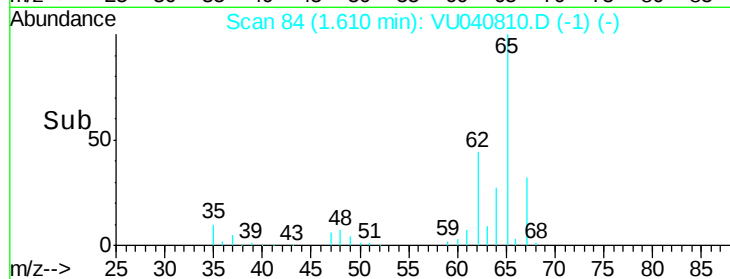
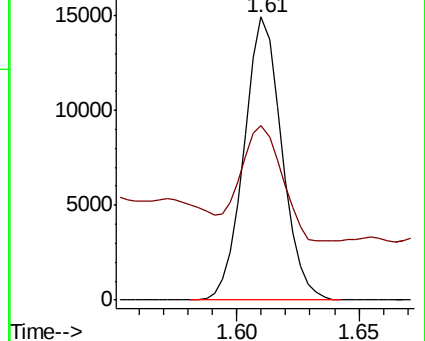
62 100

64 61.7 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#8

Chloroethane

Concen: 0.085 ug/L

RT: 1.93 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU040810.D

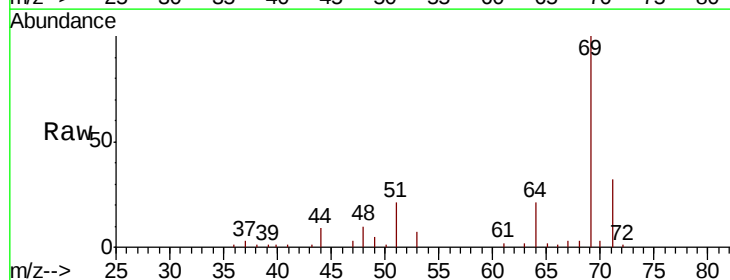
Acq: 19 Oct 2020 17:36

Tgt Ion: 64 Resp: 579

Ion Ratio Lower Upper

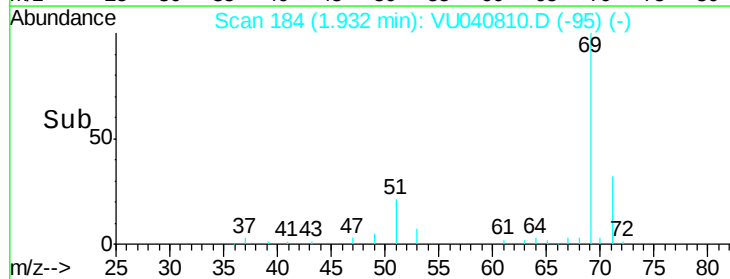
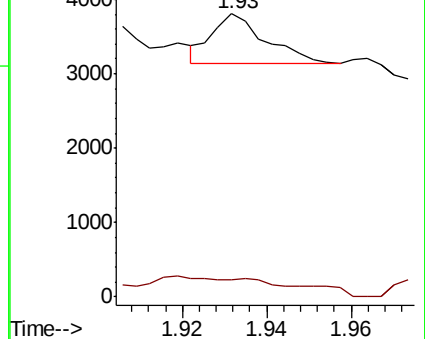
64 100

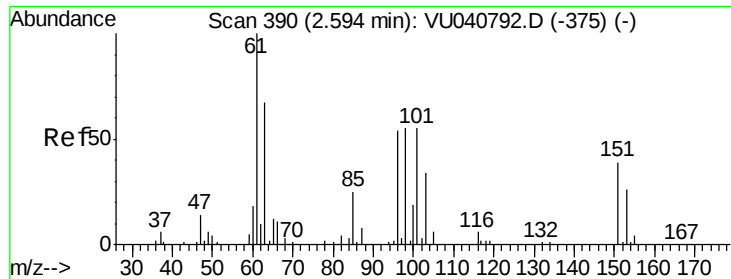
66 6.1 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 0.056 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040810.D

Acq: 19 Oct 2020 17:36

Instrument :

MSVOA_U

ClientSampleId :

ETZ42DL

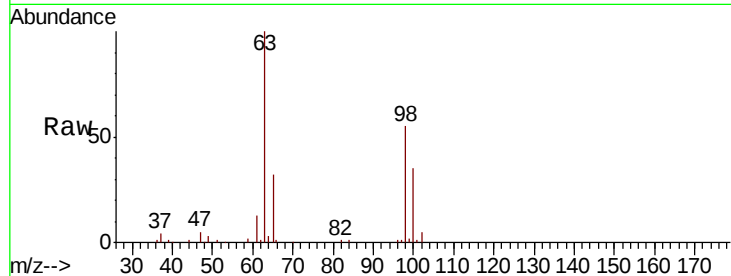
Tot Ion:101 Resp: 559

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

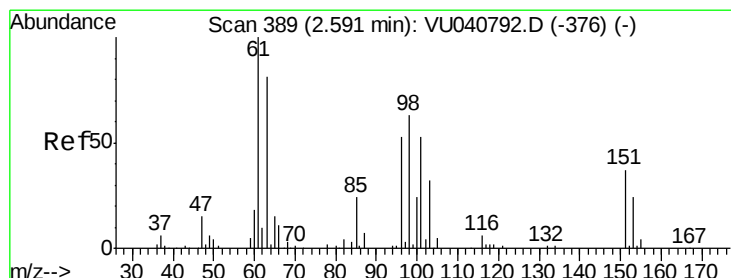
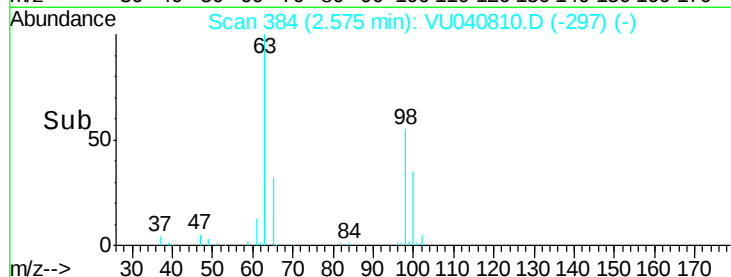
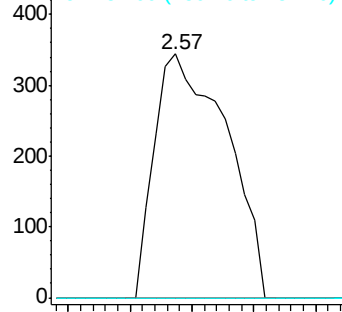
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU040810.D

Acq: 19 Oct 2020 17:36

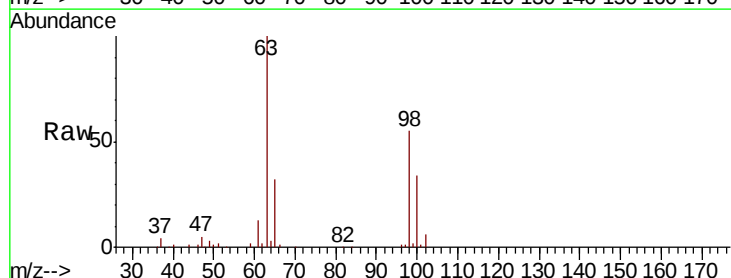
Tgt Ion: 96 Resp: 578

Ion Ratio Lower Upper

96 100

61 1102.0 128.8 239.2#

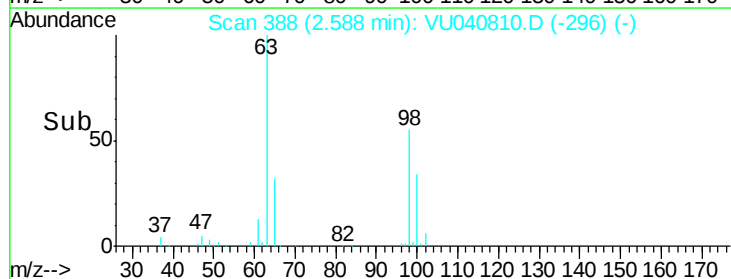
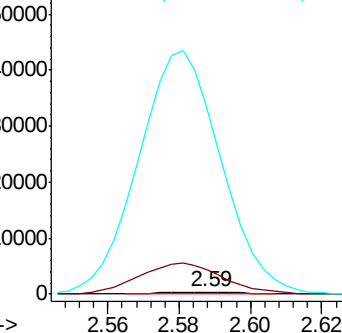
63 8331.5 84.6 157.2#

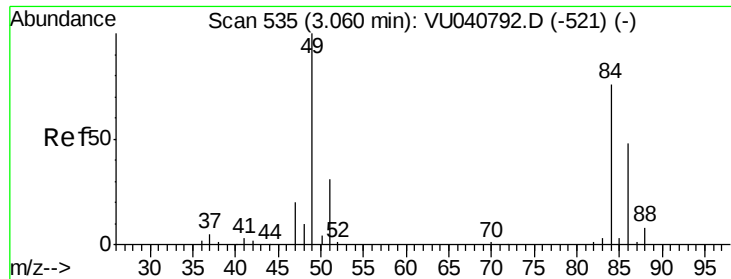


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

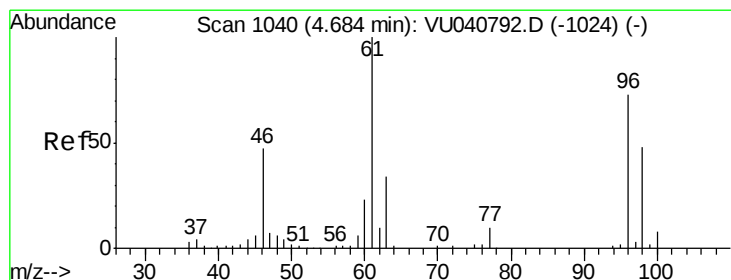
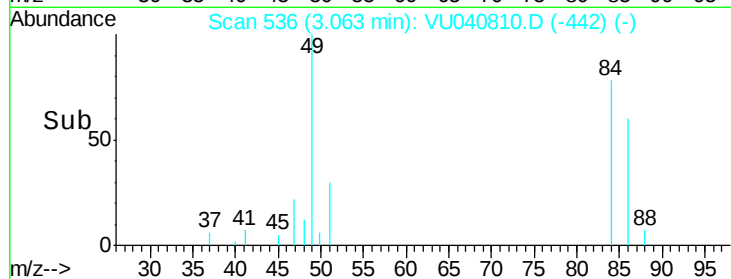
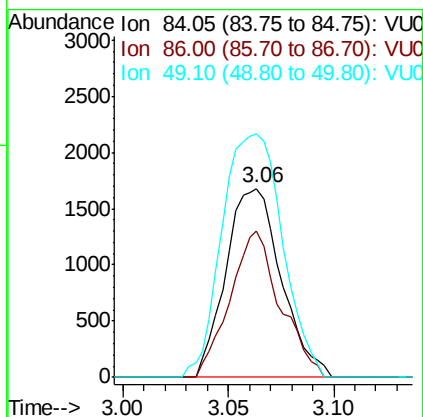
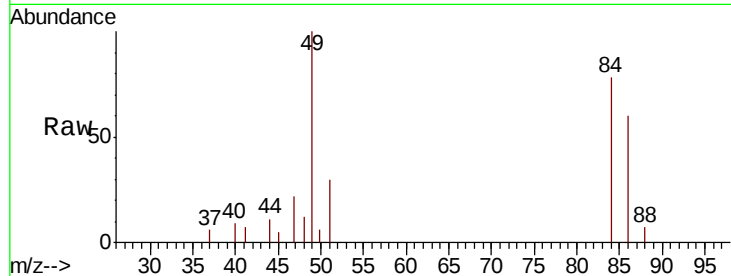




#16
Methylene chloride
Concen: 0.280 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040810.D
Acq: 19 Oct 2020 17:36

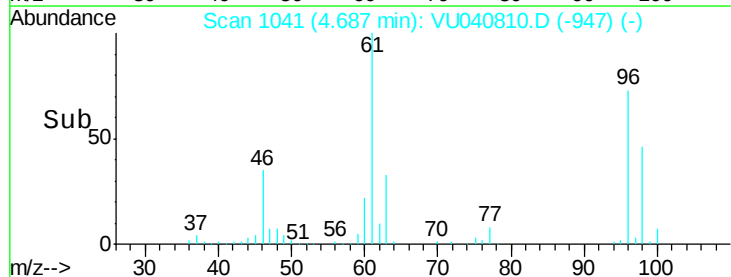
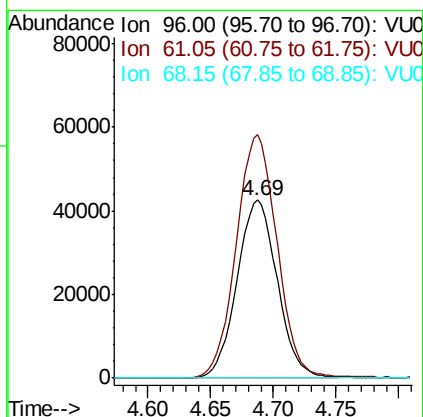
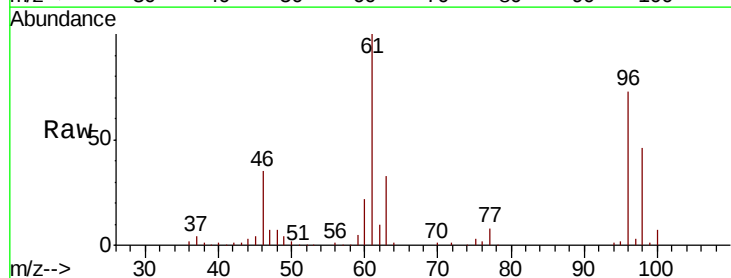
Instrument :
MSVOA_U
ClientSampleId :
ETZ42DL

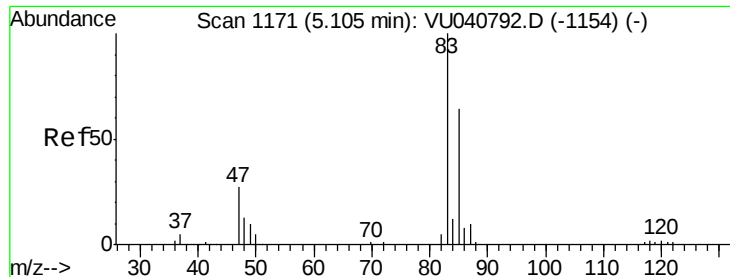
Tot Ion: 84 Resp: 3061
Ion Ratio Lower Upper
84 100
86 77.7 45.4 84.4
49 128.9 99.8 185.3



#22
cis-1,2-Dichloroethene
Concen: 9.887 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040810.D
Acq: 19 Oct 2020 17:36

Tgt Ion: 96 Resp: 94981
Ion Ratio Lower Upper
96 100
61 136.9 99.8 185.4
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.076 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040810.D

Acq: 19 Oct 2020 17:36

Instrument :

MSVOA_U

ClientSampleId :

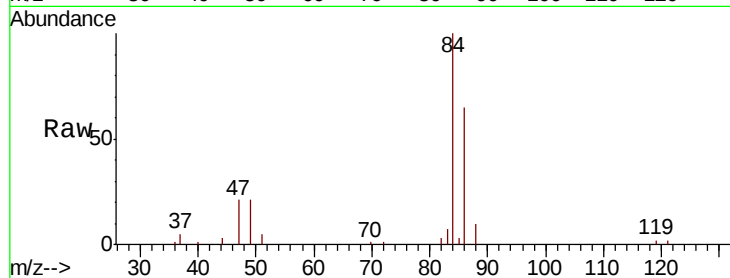
ETZ42DL

Tot Ion: 83 Resp: 1430

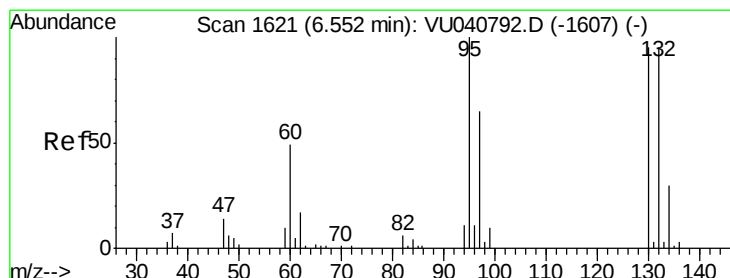
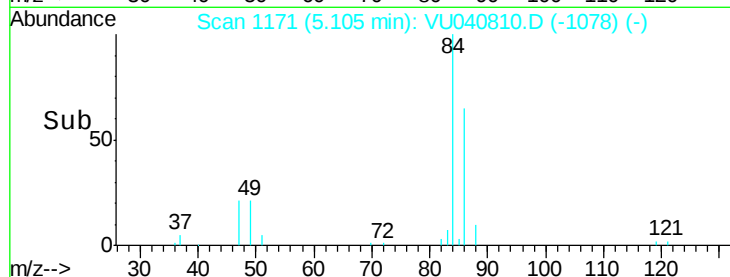
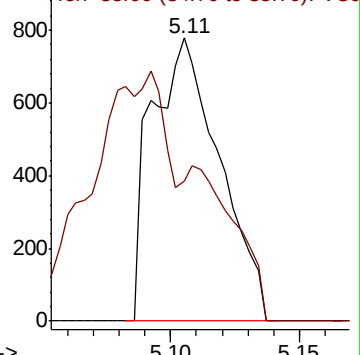
Ion Ratio Lower Upper

83 100

85 49.7 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040810.D (-1078) (-)



#34

Trichloroethene

Concen: 0.104 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU040810.D

Acq: 19 Oct 2020 17:36

Tgt Ion: 95 Resp: 1089

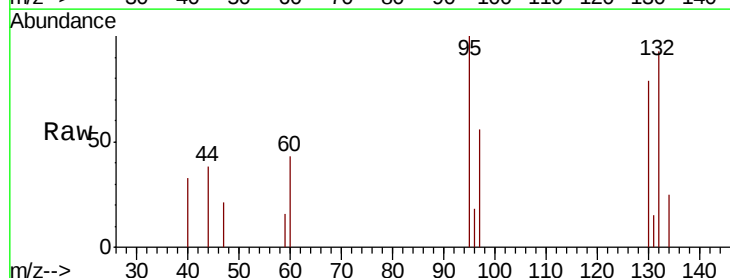
Ion Ratio Lower Upper

95 100

97 56.1 45.5 84.5

132 93.5 67.5 125.4

130 78.5 69.9 129.9



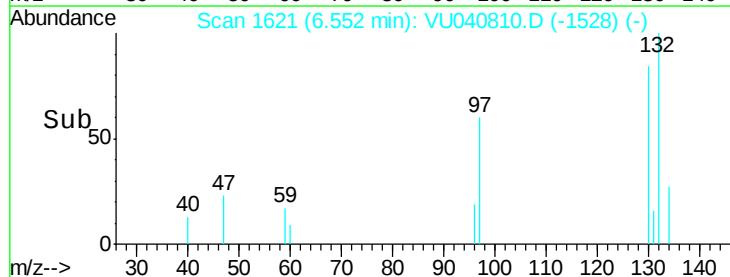
Abundance Ion 95.00 (94.70 to 95.70): VU040810.D (-1528) (-)

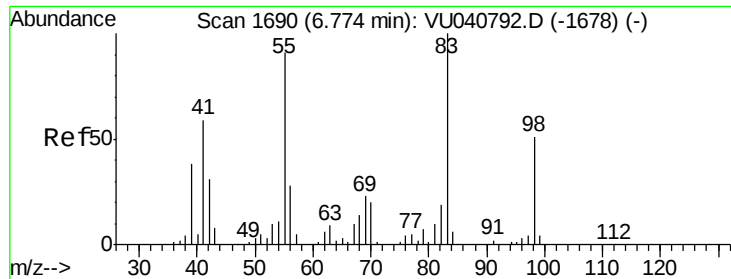
Ion 96.95 (96.65 to 97.65): VU040810.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU040810.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040810.D (-1528) (-)

Time-->

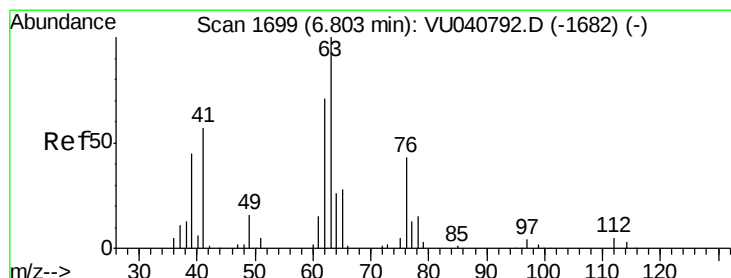
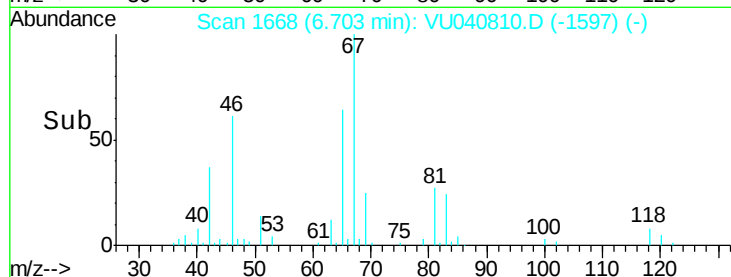
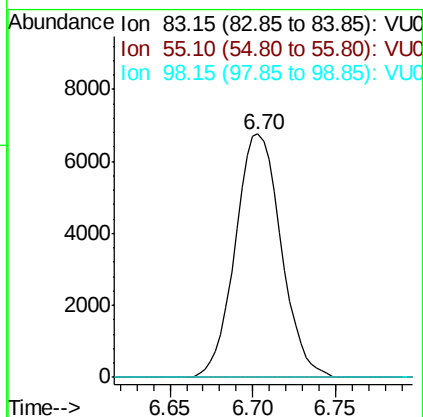
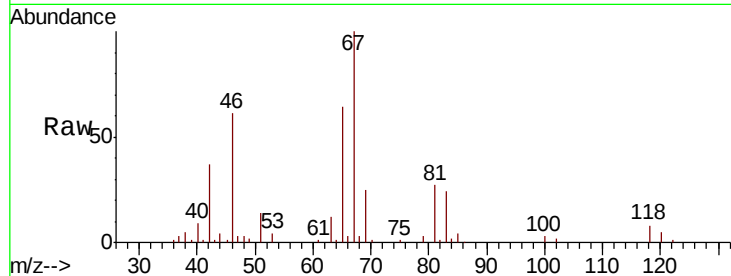




#35
Methvlcvclohexane
Concen: 0.876 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040810.D
Acq: 19 Oct 2020 17:36

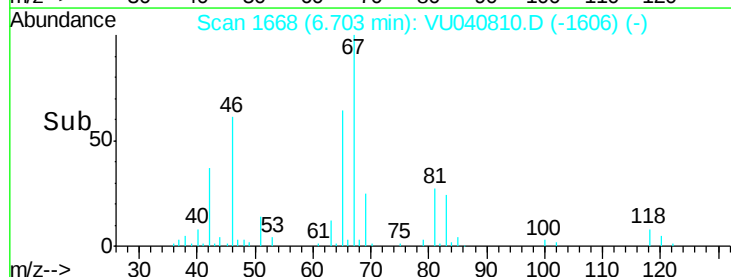
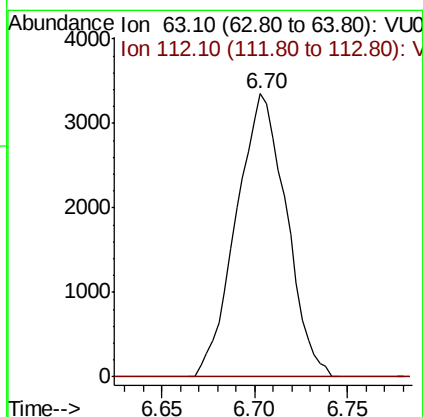
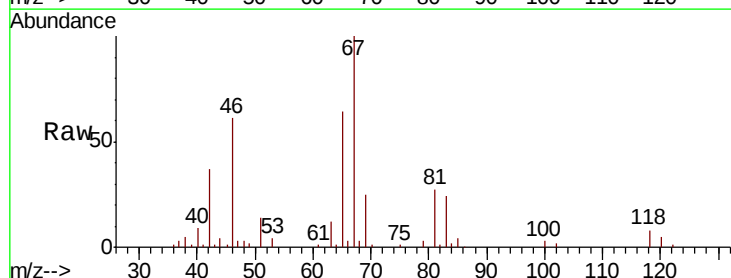
Instrument :
MSVOA_U
ClientSampleId :
ETZ42DL

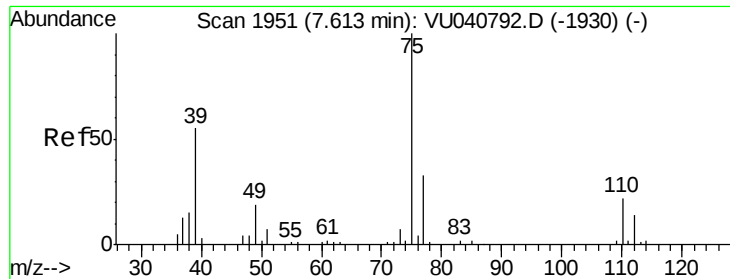
Tot Ion: 83 Resp: 12988
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.3 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040810.D
Acq: 19 Oct 2020 17:36

Tgt Ion: 63 Resp: 6276
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



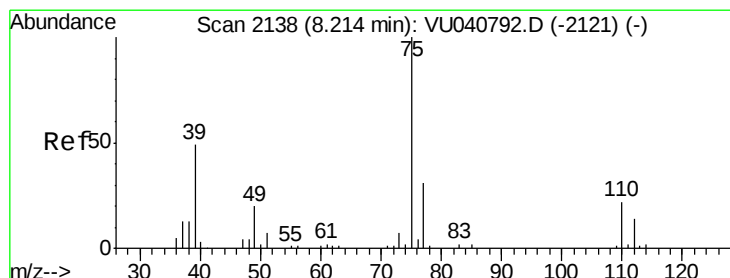
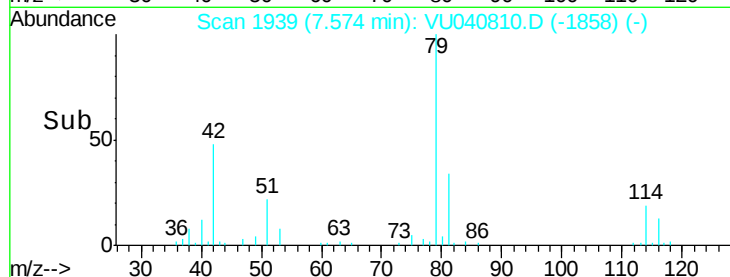
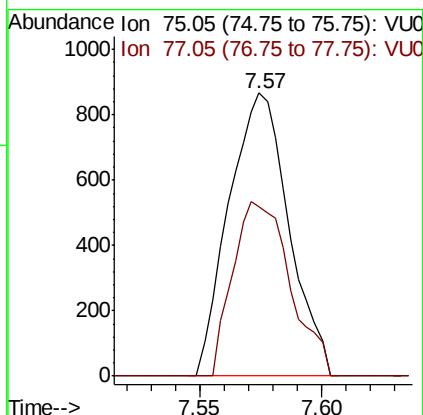
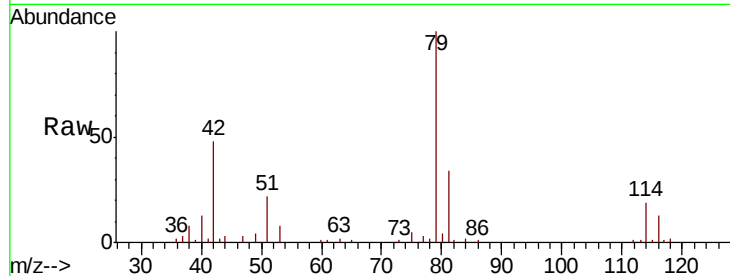


#39

cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040810.D
 Acq: 19 Oct 2020 17:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ42DL

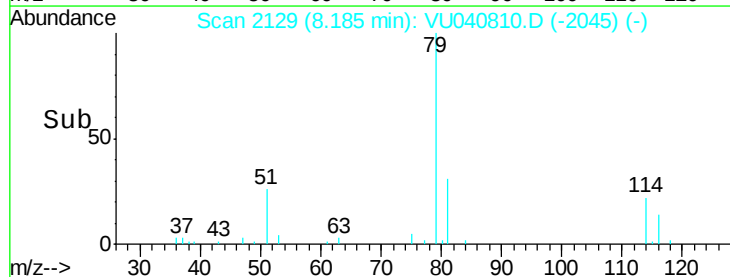
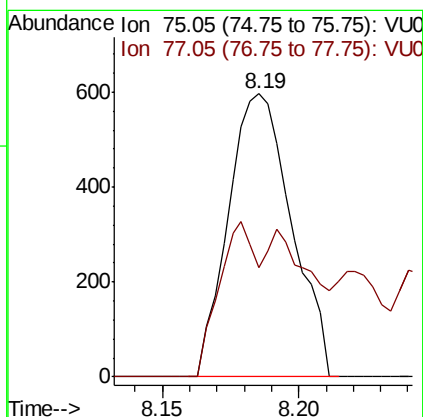
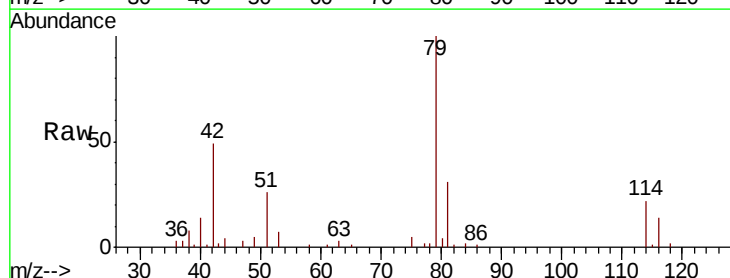
Tot Ion: 75 Resp: 1476
 Ion Ratio Lower Upper
 75 100
 77 59.9 20.5 38.1#

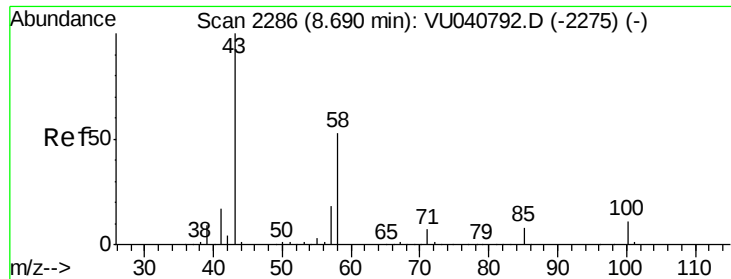


#44

trans-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040810.D
 Acq: 19 Oct 2020 17:36

Tgt Ion: 75 Resp: 959
 Ion Ratio Lower Upper
 75 100
 77 38.4 20.4 38.0#

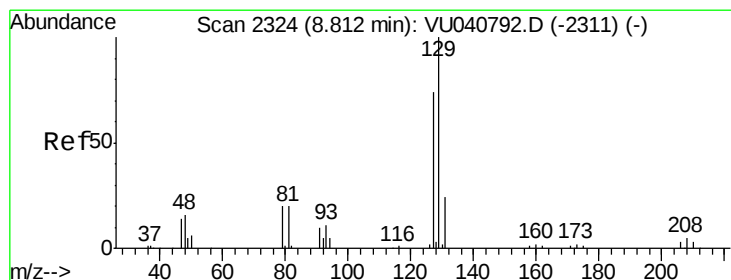
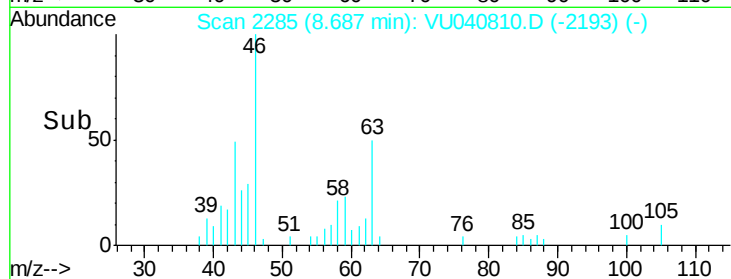
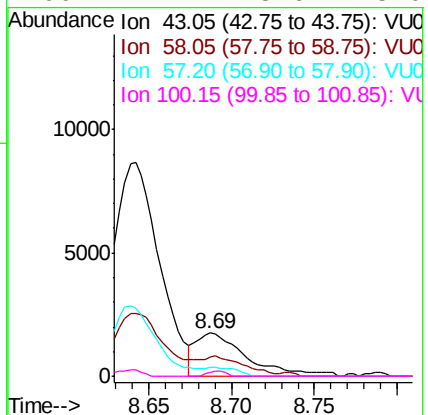
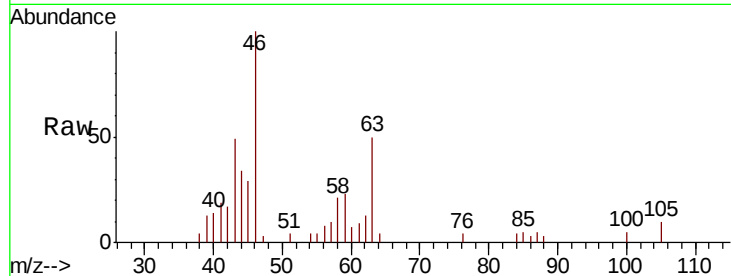




#48
2-Hexanone
Concen: 0.565 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VU040810.D
Acq: 19 Oct 2020 17:36

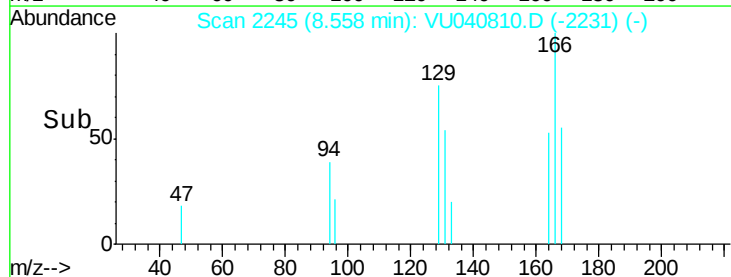
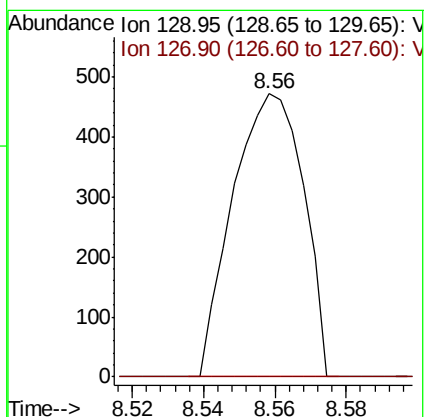
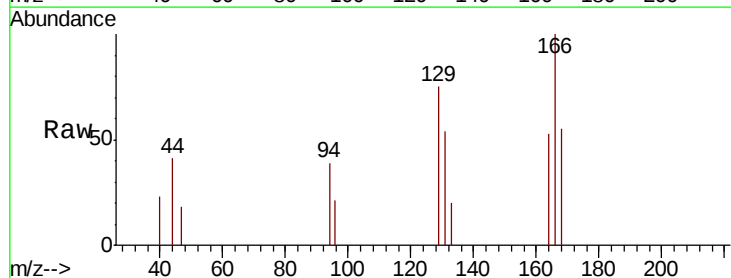
Instrument :
MSVOA_U
ClientSampleId :
ETZ42DL

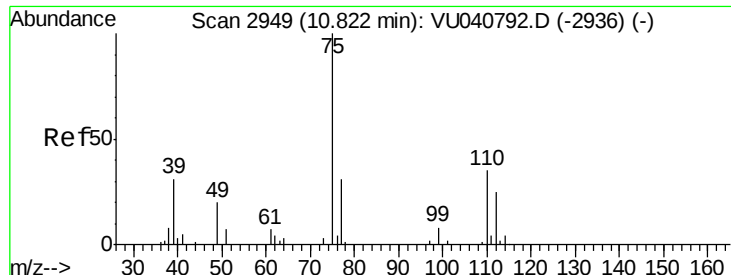
Tot Ion: 43 Resp: 3771
Ion Ratio Lower Upper
43 100
58 35.6 41.0 61.6#
57 13.1 14.4 21.6#
100 4.4 8.6 13.0#



#49
Dibromochloromethane
Concen: 0.067 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU040810.D
Acq: 19 Oct 2020 17:36

Tgt Ion: 129 Resp: 646
Ion Ratio Lower Upper
129 100
127 0.0 55.8 103.6#





#59

1,2,3-Trichloropropane

Concen: 0.837 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040810.D

Acq: 19 Oct 2020 17:36

Instrument :

MSVOA_U

ClientSampleId :

ETZ42DL

Tot Ion: 75 Resp: 6912

Ion Ratio Lower Upper

75 100

77 41.6 26.4 39.6#

