

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
 Data File : VU040817.D
 Acq On : 19 Oct 2020 20:46
 Operator : SY/MD
 Sample : VU1019WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB24

Quant Time: Oct 20 05:19:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 05:12:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118393	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126795	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52737	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47289	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.92	69	40259	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.58	63	70140	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.65	46	164570	52.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.84%
24) Chloroform-d	5.08	84	89849	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.72	65	54149	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.74	84	164798	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.70	67	55932	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	130809	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.19	79	20667	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.64	63	113802	45.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49411	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	50568	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

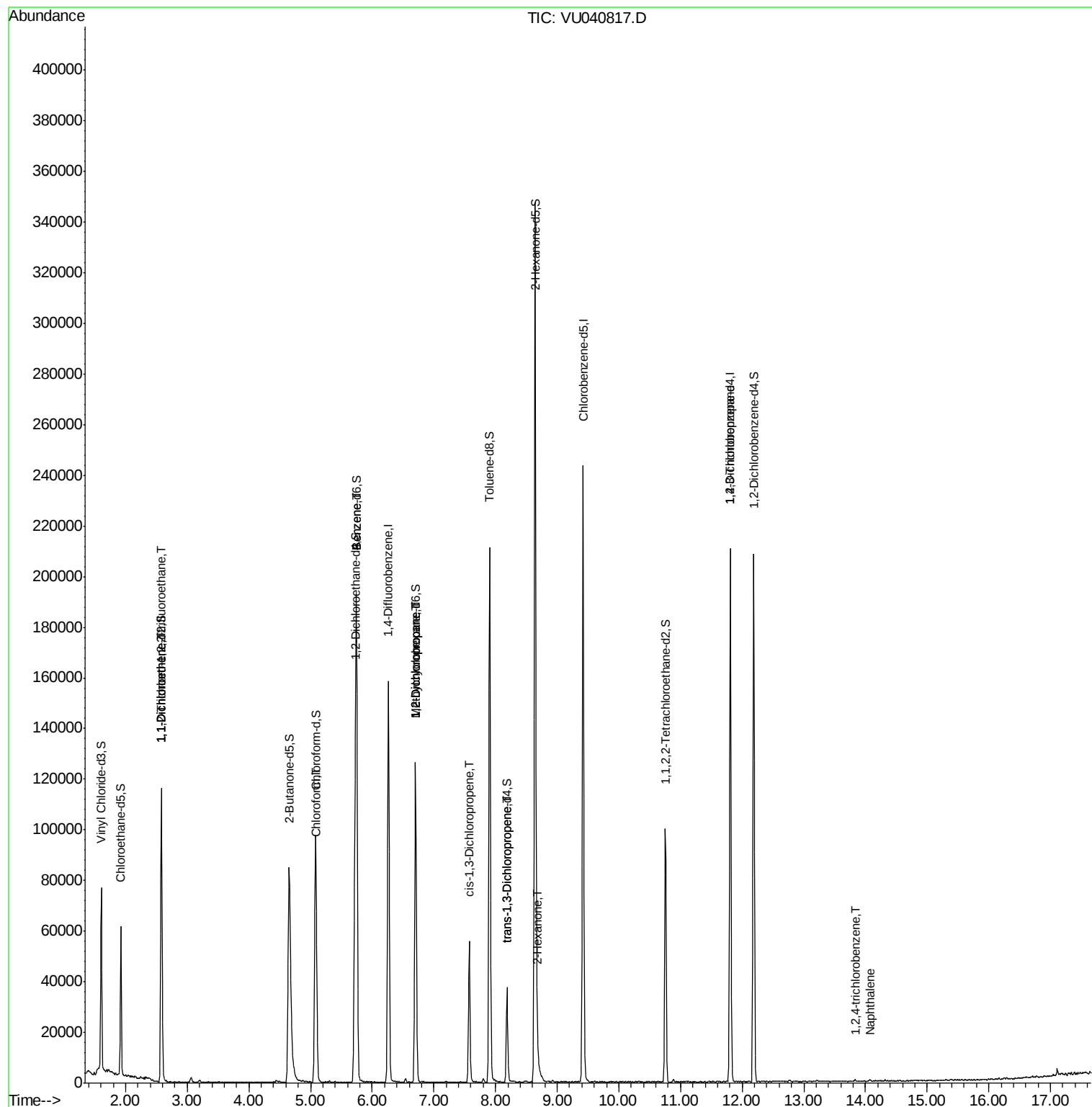
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	541	0.055	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	540	0.064	ug/L #	1
25) Chloroform	5.10	83	1537	0.082	ug/L	92
33) Benzene	5.75	78	1401	0.034	ug/L	100
35) Methylcyclohexane	6.70	83	13054	0.872	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6759	0.595	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1361	0.088	ug/L	85
44) trans-1,3-Dichloropropene	8.19	75	1196	0.084	ug/L	87
48) 2-Hexanone	8.68	43	3425	0.508	ug/L #	82
59) 1,2,3-Trichloropropane	11.81	75	7001	0.840	ug/L	93
68) 1,2,4-trichlorobenzene	13.84	180	330	0.035	ug/L #	51
69) Naphthalene	14.08	128	818	0.053	ug/L #	69

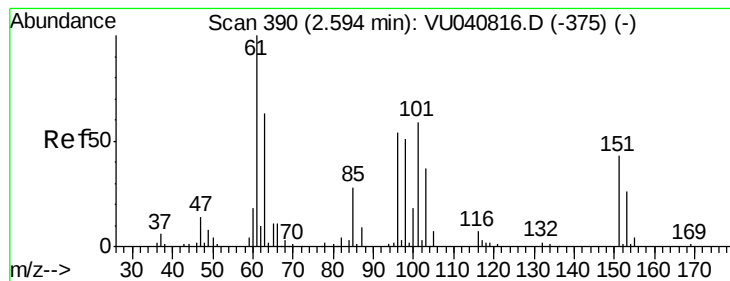
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.055 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040817.D

Acq: 19 Oct 2020 20:46

Instrument :

MSVOA_U

ClientSampleId :

BFB24

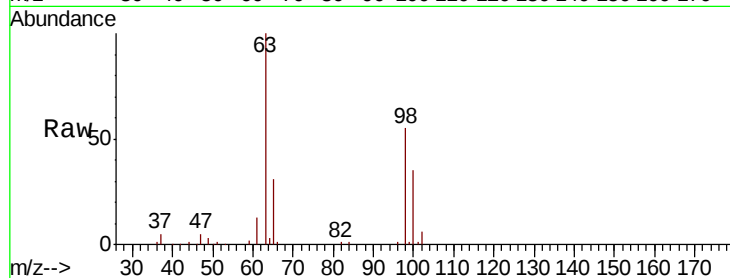
Tot Ion:101 Resp: 541

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

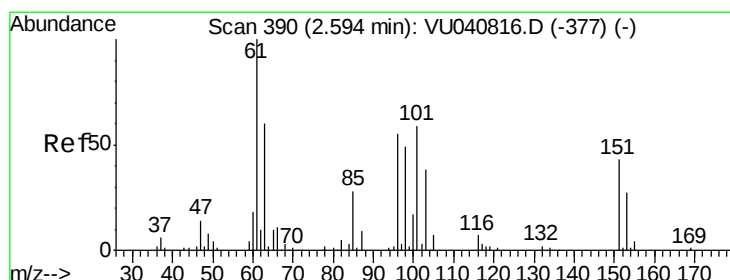
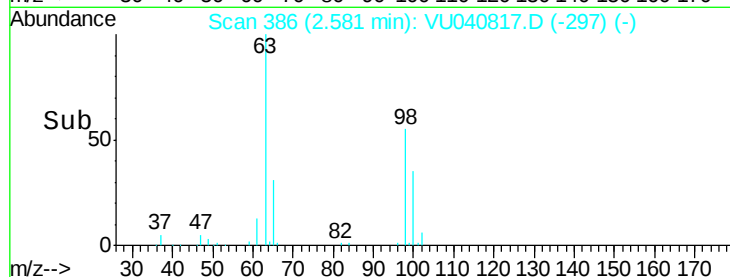
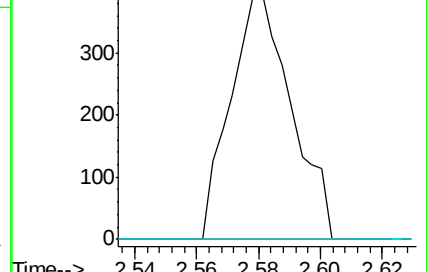
151 0.0 58.0 87.0#



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: 0.064 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040817.D

Acq: 19 Oct 2020 20:46

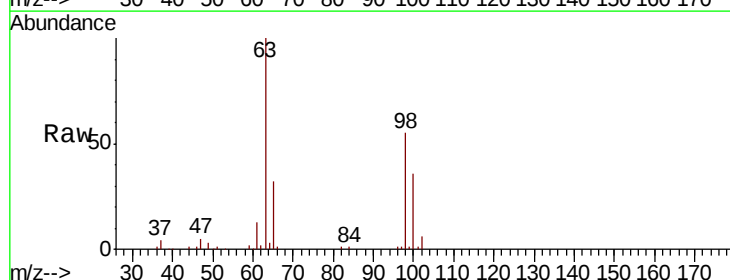
Tgt Ion: 96 Resp: 540

Ion Ratio Lower Upper

96 100

61 1419.1 128.8 239.2#

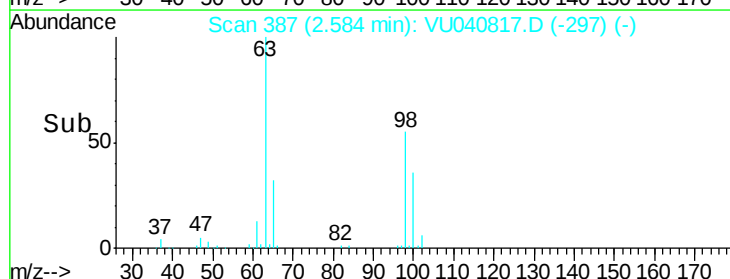
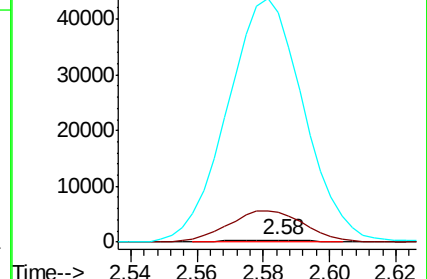
63 10896.6 84.6 157.2#

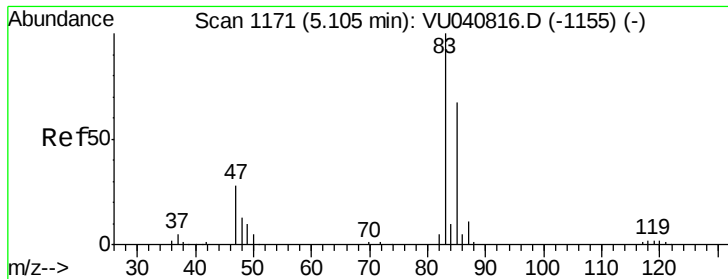


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

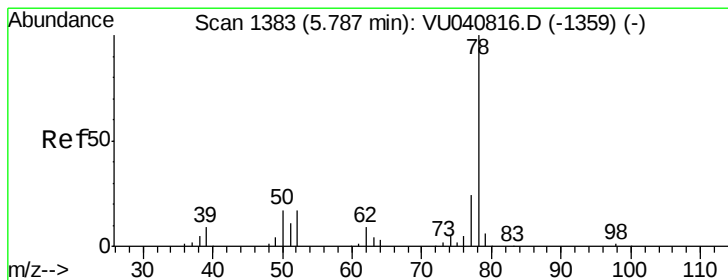
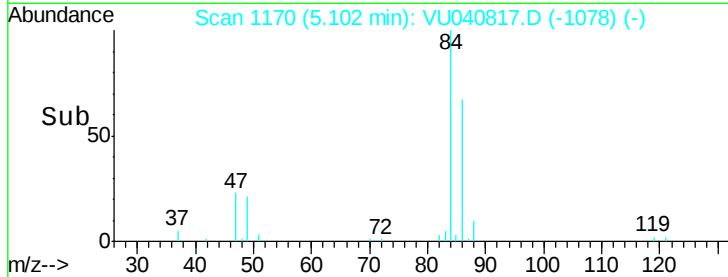
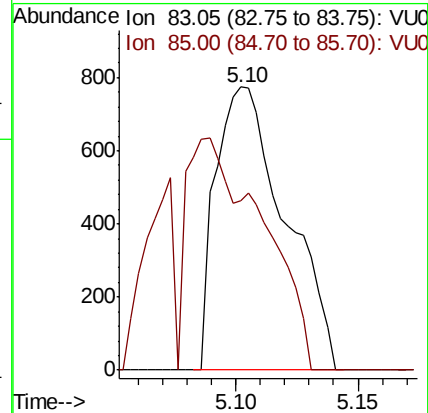
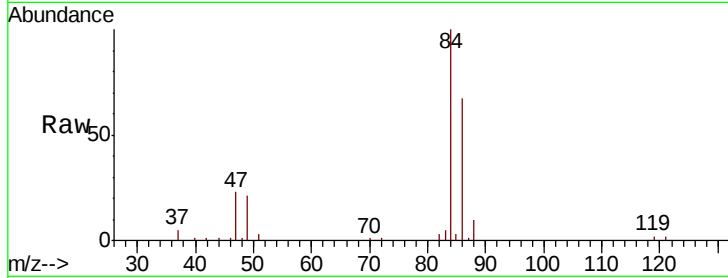




#25
Chloroform
Concen: 0.082 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040817.D
Acq: 19 Oct 2020 20:46

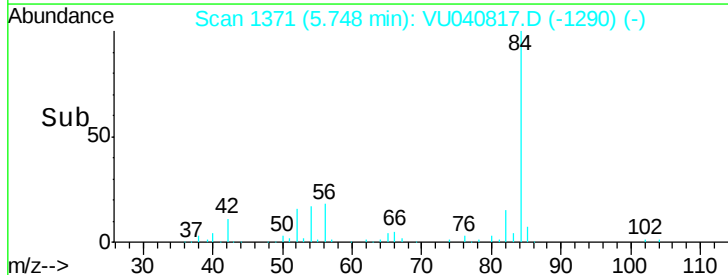
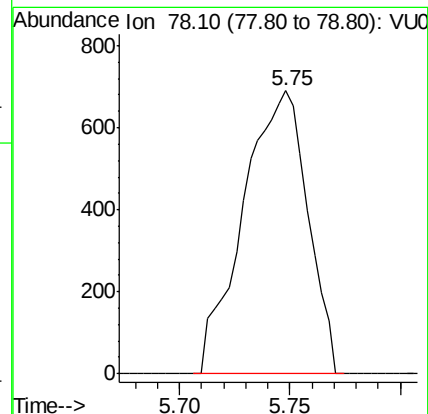
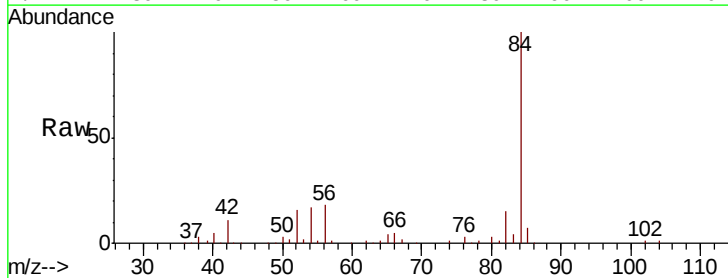
Instrument :
MSVOA_U
ClientSampleId :
BFB24

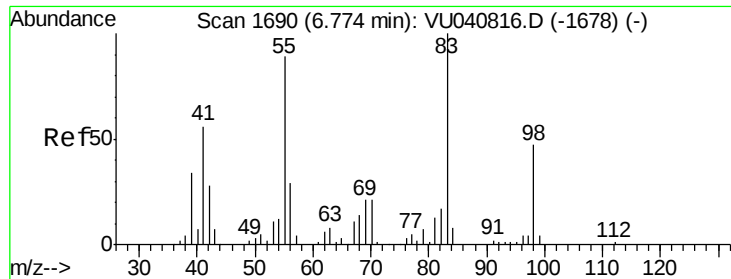
Tot Ion: 83 Resp: 1537
Ion Ratio Lower Upper
83 100
85 59.9 46.5 86.5



#33
Benzene
Concen: 0.034 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU040817.D
Acq: 19 Oct 2020 20:46

Tgt Ion: 78 Resp: 1401

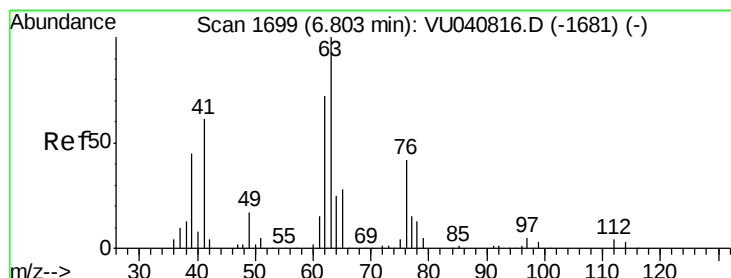
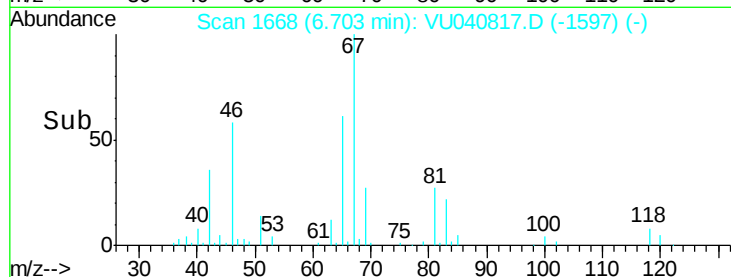
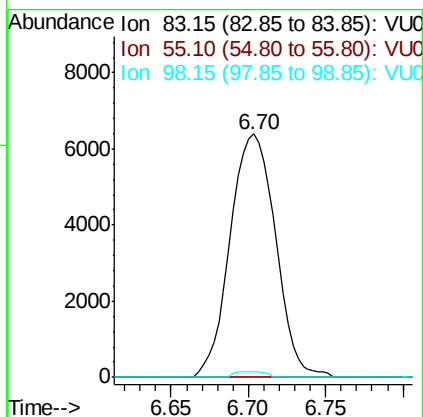
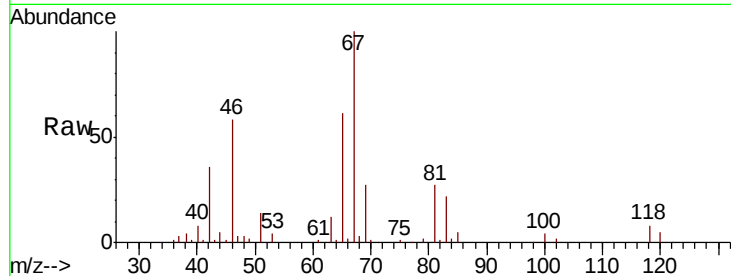




#35
Methvlcvclohexane
Concen: 0.872 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040817.D
Acq: 19 Oct 2020 20:46

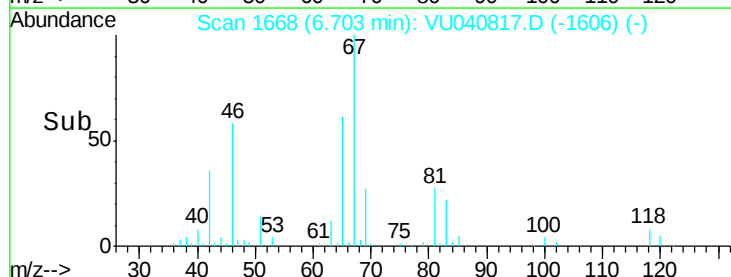
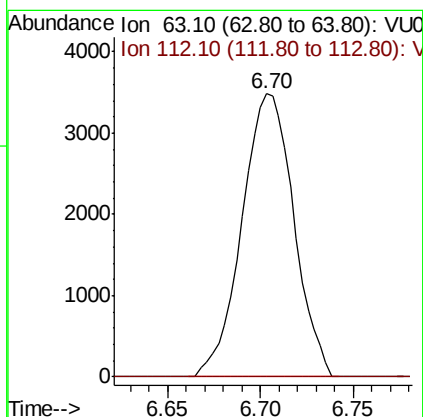
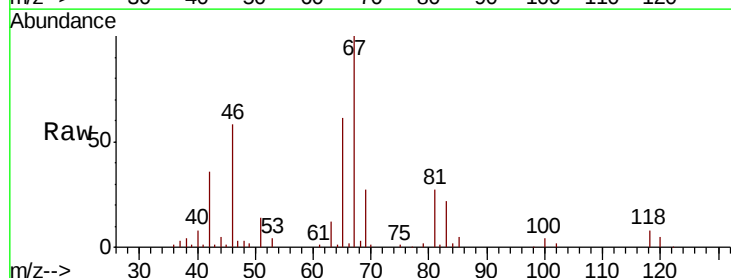
Instrument :
MSVOA_U
ClientSampleId :
BFB24

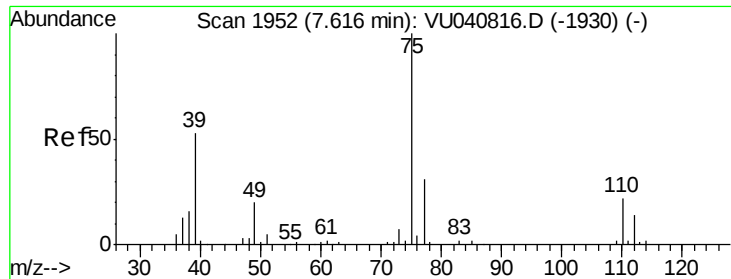
Tot Ion: 83 Resp: 13054
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 1.6 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040817.D
Acq: 19 Oct 2020 20:46

Tgt Ion: 63 Resp: 6759
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

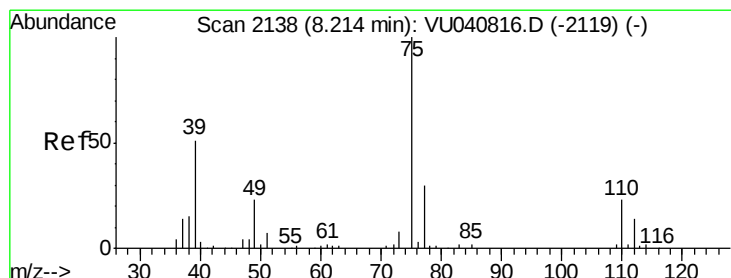
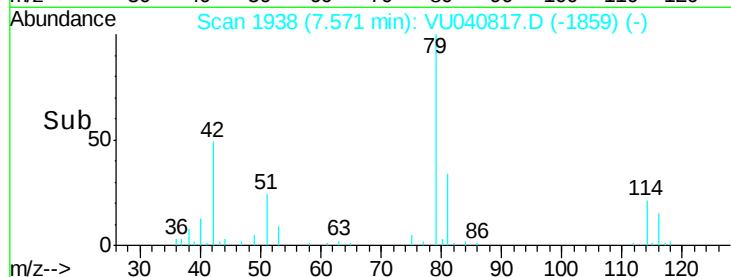
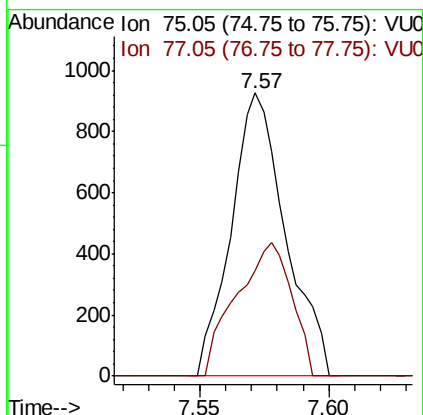
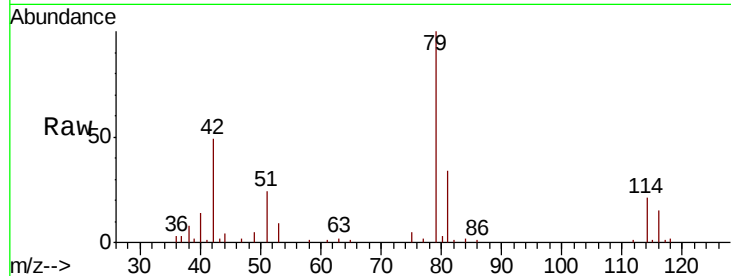




#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU040817.D
 Acq: 19 Oct 2020 20:46

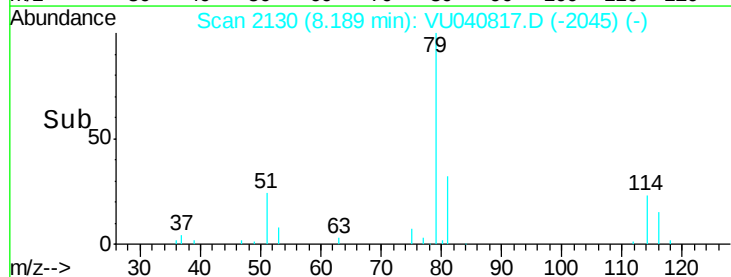
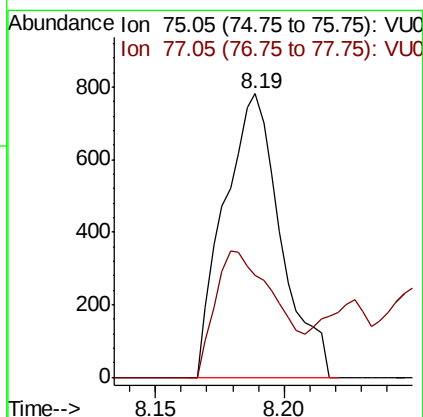
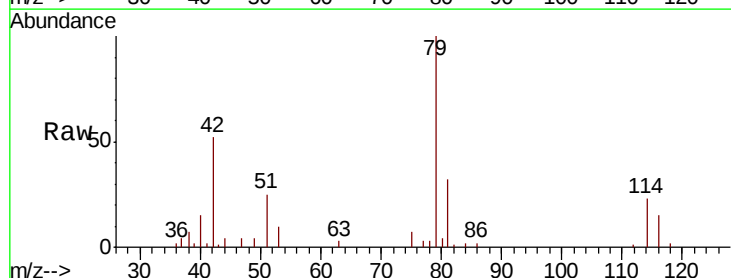
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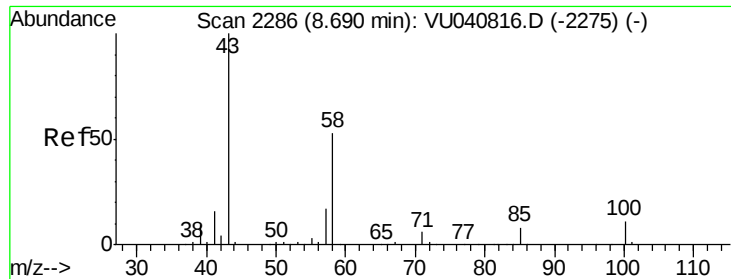
Tot Ion: 75 Resp: 1361
 Ion Ratio Lower Upper
 75 100
 77 37.3 20.5 38.1



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040817.D
 Acq: 19 Oct 2020 20:46

Tgt Ion: 75 Resp: 1196
 Ion Ratio Lower Upper
 75 100
 77 36.1 20.4 38.0

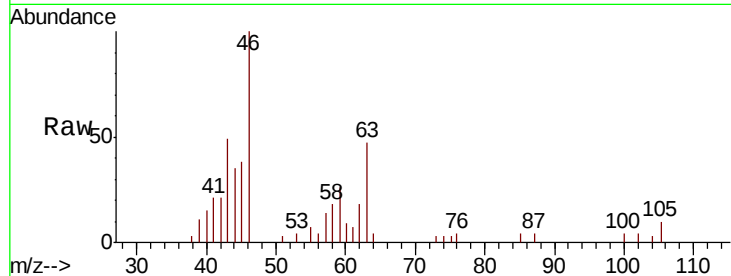




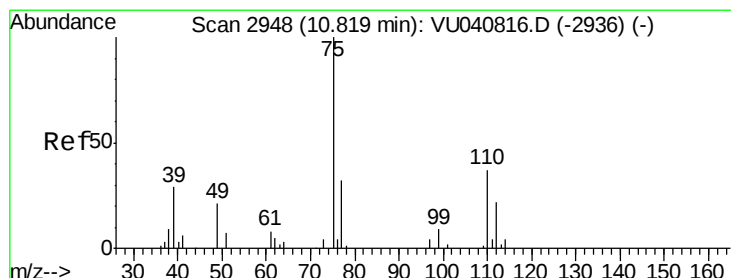
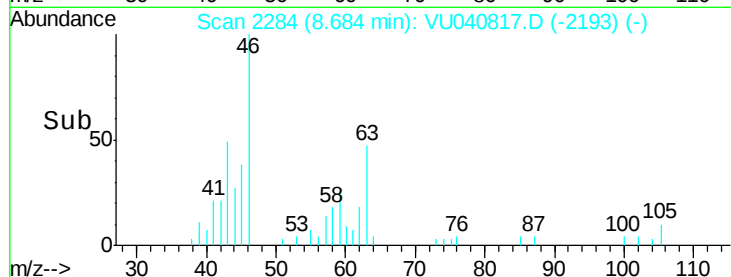
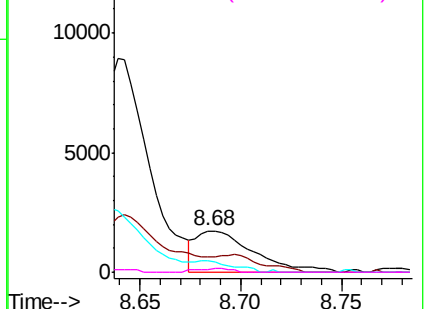
#48
2-Hexanone
Concen: 0.508 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.01 min
Lab File: VU040817.D
Acq: 19 Oct 2020 20:46

Instrument :
MSVOA_U
ClientSampleId :
BFB24

Tot Ion: 43 Resp: 3425
Ion Ratio Lower Upper
43 100
58 34.3 41.0 61.6#
57 18.8 14.4 21.6
100 5.7 8.6 13.0#

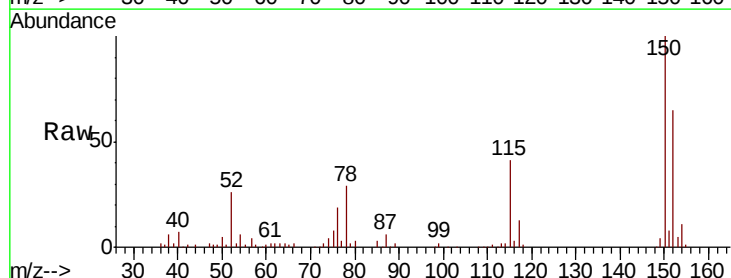


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

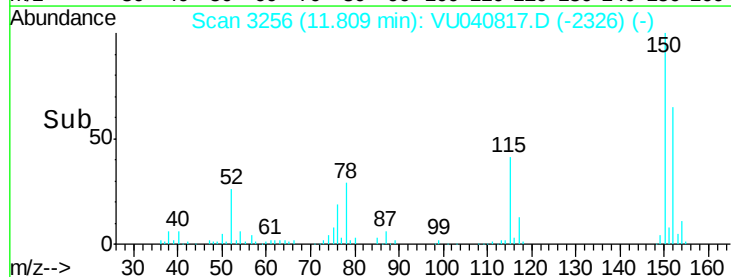
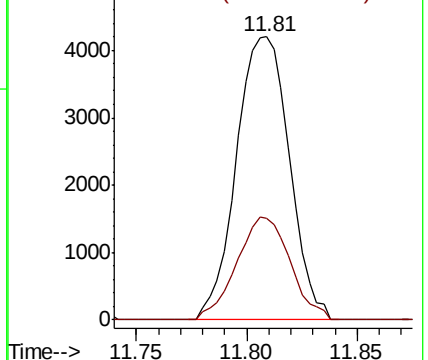


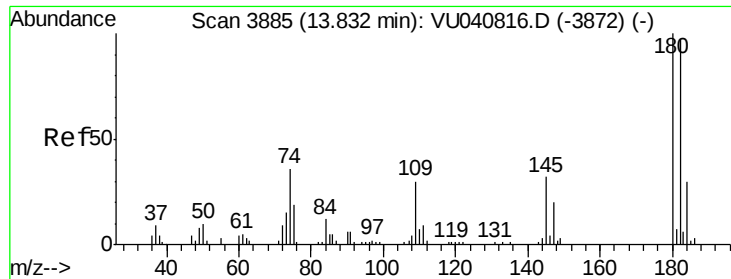
#59
1,2,3-Trichloropropane
Concen: 0.840 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040817.D
Acq: 19 Oct 2020 20:46

Tgt Ion: 75 Resp: 7001
Ion Ratio Lower Upper
75 100
77 36.7 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

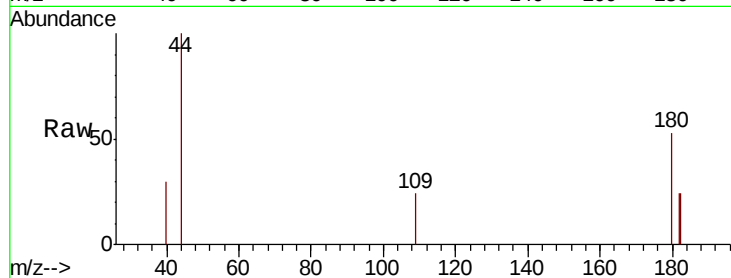




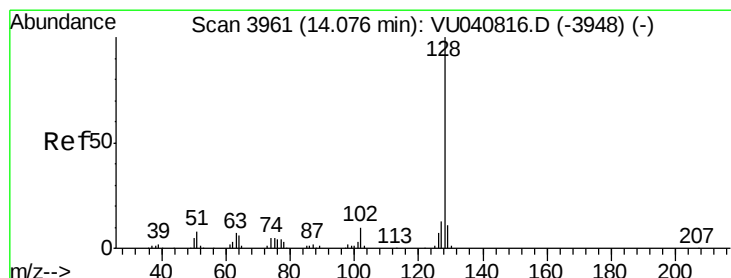
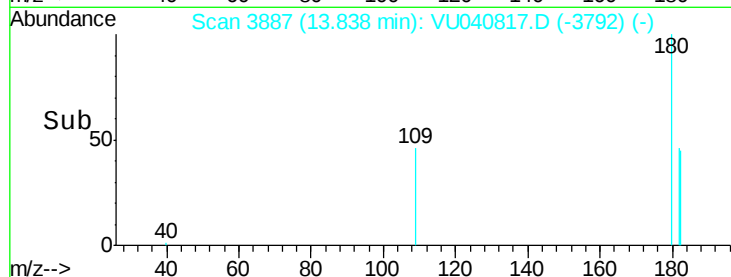
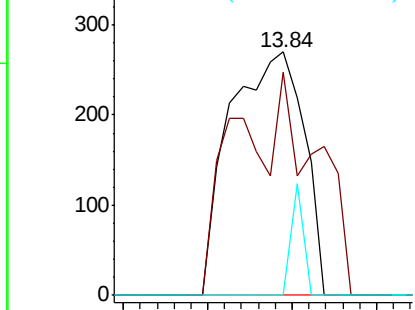
#68
 1,2,4-trichlorobenzene
 Concen: 0.035 ug/L
 RT: 13.84 min Scan# 3887
 Delta R.T. 0.01 min
 Lab File: VU040817.D
 Acq: 19 Oct 2020 20:46

Instrument :
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Tot Ion:180 Resp: 330
 Ion Ratio Lower Upper
 180 100
 182 48.8 78.8 118.2#
 145 7.3 26.1 39.1#

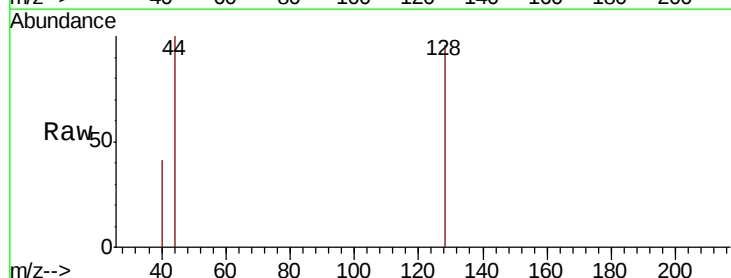


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#69
 Naphthalene
 Concen: 0.053 ug/L
 RT: 14.08 min Scan# 3961
 Delta R.T. -0.00 min
 Lab File: VU040817.D
 Acq: 19 Oct 2020 20:46

Tgt Ion:128 Resp: 818
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.0 13.4#
 127 0.0 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

