

Data File : VU035232.D
Acq On : 17 Oct 2019 23:48
Operator : JC/SP
Sample : K5321-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0AA4

Quant Time: Oct 18 03:54:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	352916	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	345149	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	124387	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	111087	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.93	69	100444	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.60	63	153172	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.71	46	299023	48.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.70%
24) Chloroform-d	5.11	84	195845	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	113089	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	412139	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.74	67	131876	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.93	98	391799	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	8.22	79	59509	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.70	63	247239	46.09	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.18%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	104869	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.23	152	117113	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

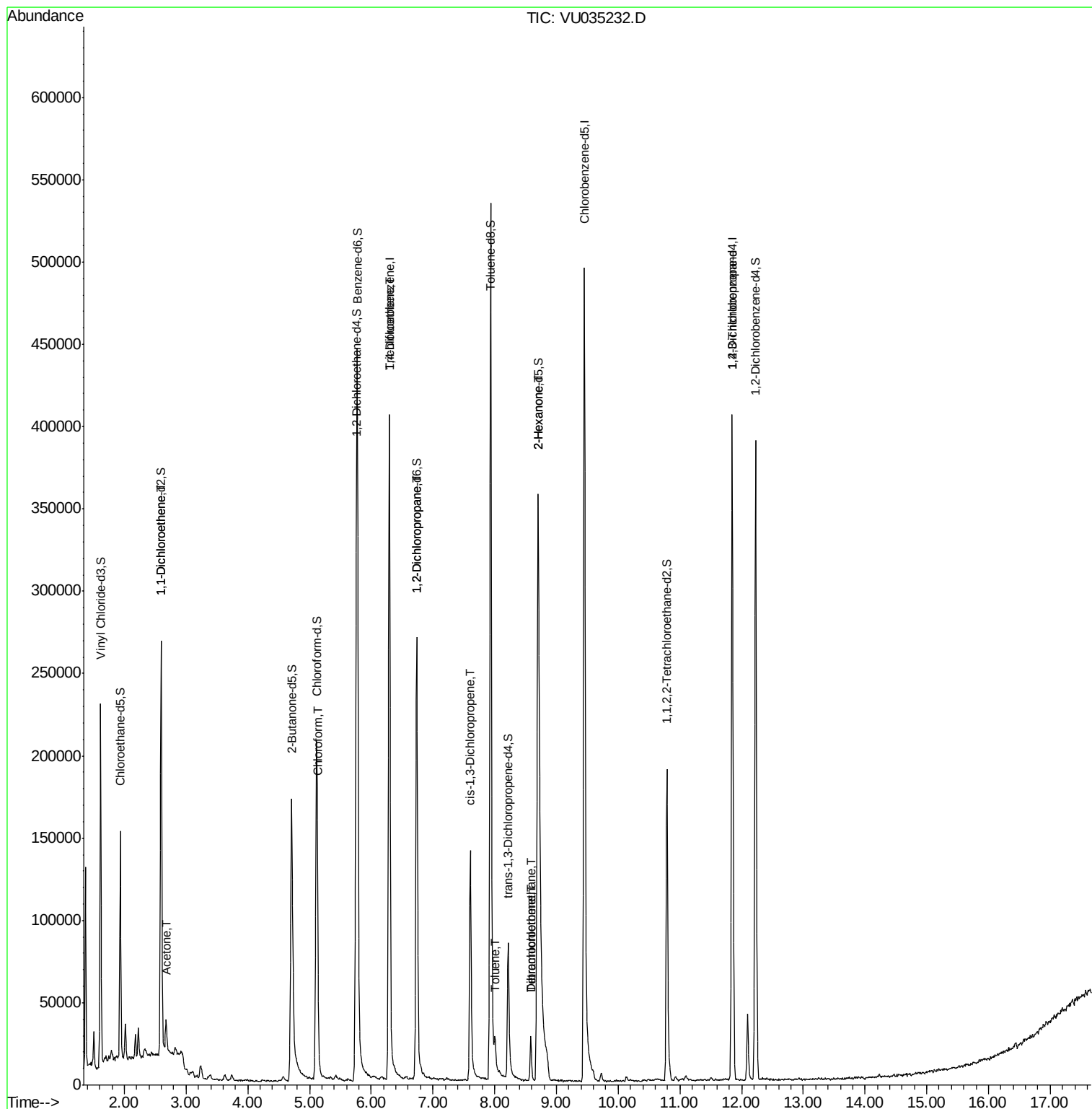
					Qvalue	
12) 1,1-Dichloroethene	2.59	96	1744	0.077	ug/L #	1
13) Acetone	2.68	43	22923	5.329	ug/L	95
25) Chloroform	5.14	83	8872	0.183	ug/L	93
34) Trichloroethene	6.29	95	5997	0.220	ug/L #	3
37) 1,2-Dichloropropane	6.74	63	15293	0.593	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3823	0.089	ug/L #	31
42) Toluene	8.01	91	11371	0.101	ug/L	97
47) Tetrachloroethene	8.59	164	6335	0.279	ug/L	95
48) 2-Hexanone	8.71	43	24015	1.968	ug/L #	72
49) Dibromochloromethane	8.58	129	5853	0.241	ug/L #	11
59) 1,2,3-Trichloropropane	11.85	75	15090	0.840	ug/L	89

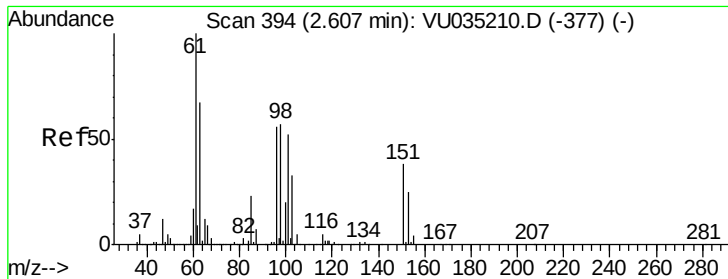
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035232.D

Acq: 17 Oct 2019 23:48

Instrument :

MSVOA_U

ClientSampleId :

E0AA4

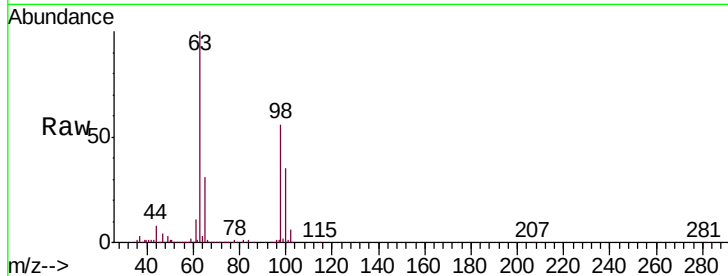
Tgt Ion: 96 Resp: 1744

Ion Ratio Lower Upper

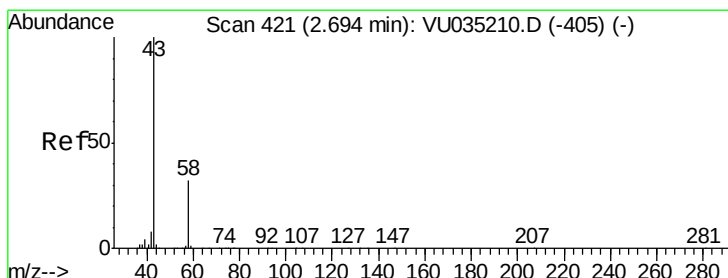
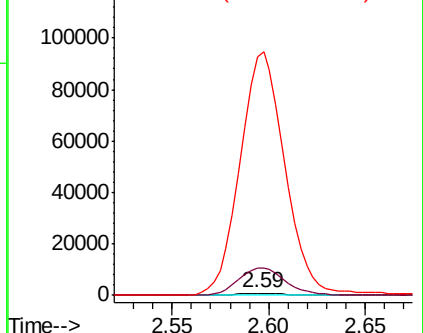
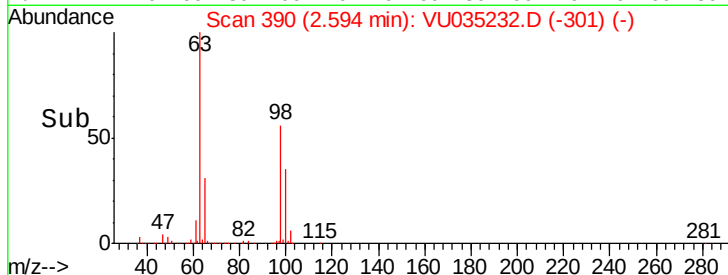
96 100

61 1289.9 120.6 224.0#

63 11459.4 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU035232.D (-301) (-)



#13

Acetone

Concen: 5.329 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.02 min

Lab File: VU035232.D

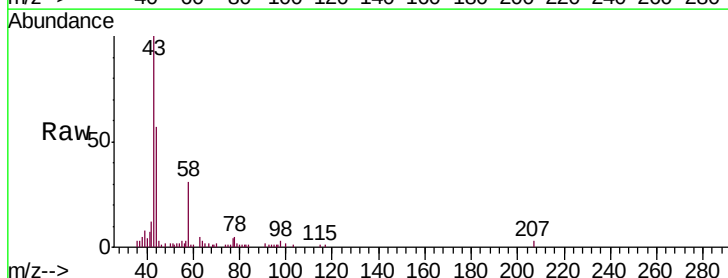
Acq: 17 Oct 2019 23:48

Tgt Ion: 43 Resp: 22923

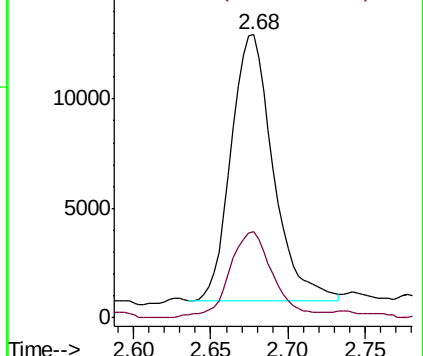
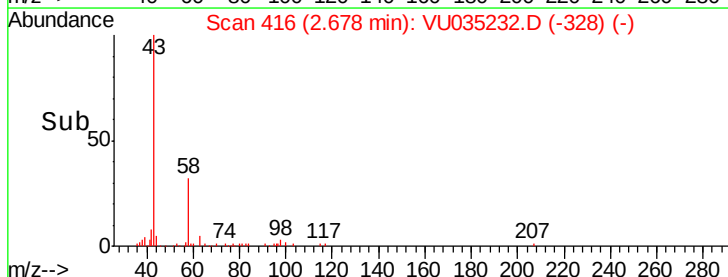
Ion Ratio Lower Upper

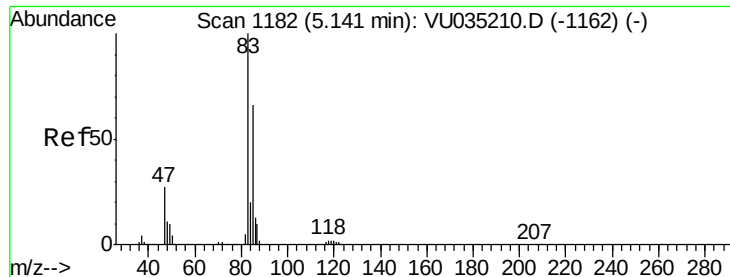
43 100

58 33.7 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035232.D (-328) (-)

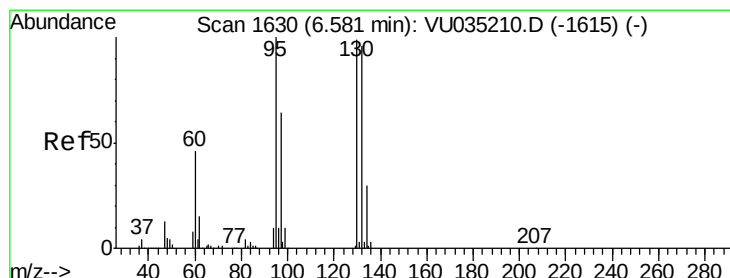
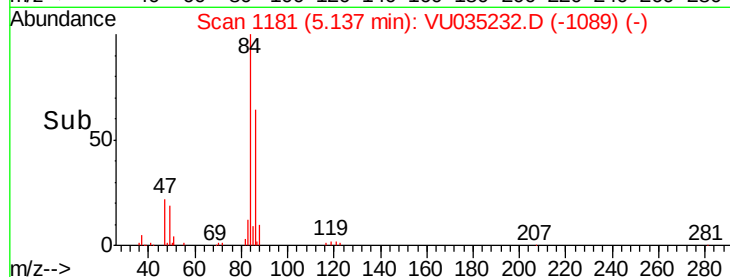
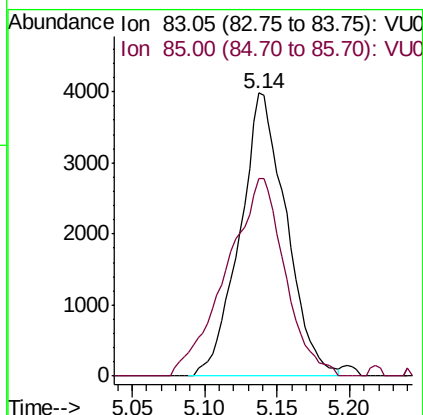
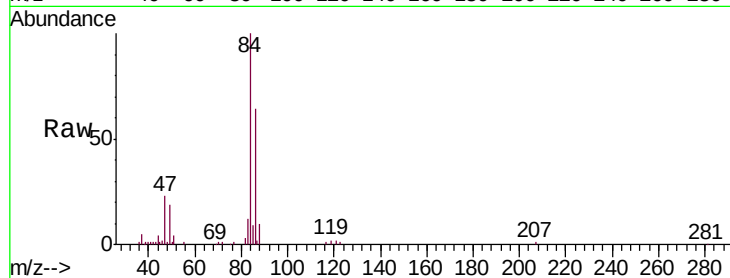




#25
Chloroform
Concen: 0.183 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035232.D
Acq: 17 Oct 2019 23:48

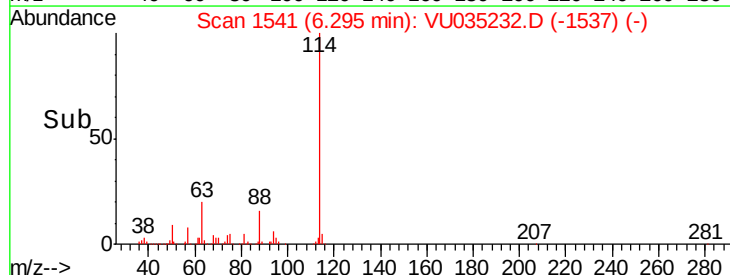
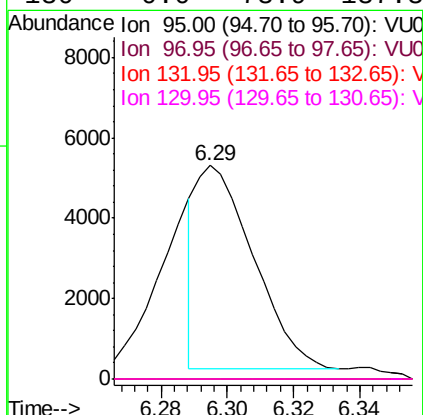
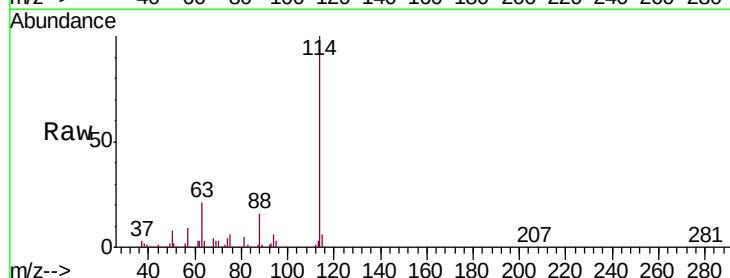
Instrument :
MSVOA_U
ClientSampleId :
E0AA4

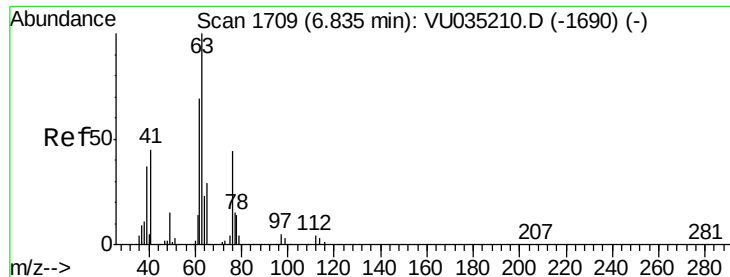
Tgt Ion: 83 Resp: 8872
Ion Ratio Lower Upper
83 100
85 69.8 45.1 83.9



#34
Trichloroethene
Concen: 0.220 ug/L
RT: 6.29 min Scan# 1541
Delta R.T. -0.29 min
Lab File: VU035232.D
Acq: 17 Oct 2019 23:48

Tgt Ion: 95 Resp: 5997
Ion Ratio Lower Upper
95 100
97 0.0 46.6 86.6#
132 0.0 68.7 127.7#
130 0.0 73.9 137.3#

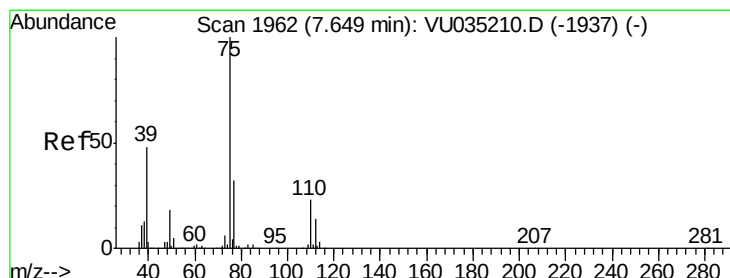
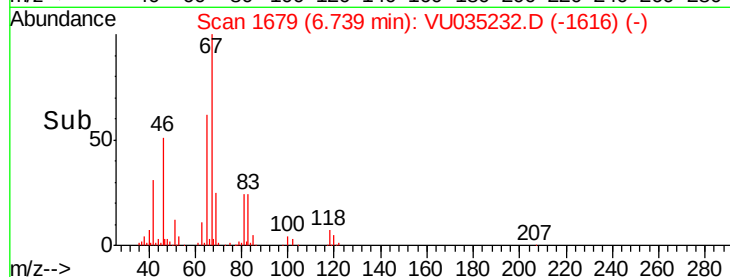
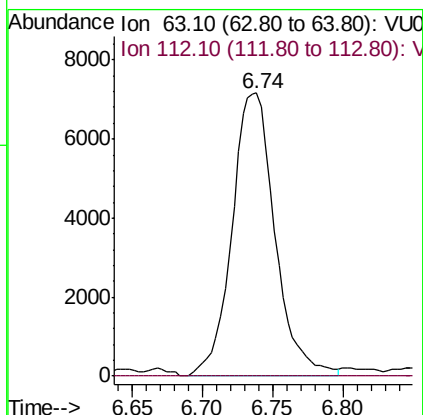
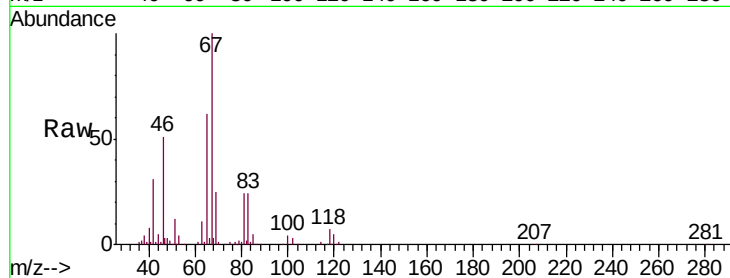




#37
 1,2-Dichloropropane
 Concen: 0.593 ug/L
 RT: 6.74 min Scan# 1679
 Delta R.T. -0.10 min
 Lab File: VU035232.D
 Acq: 17 Oct 2019 23:48

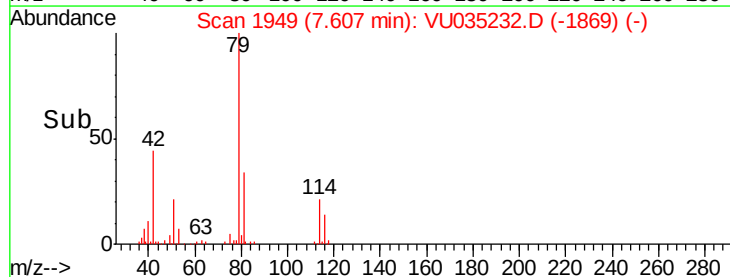
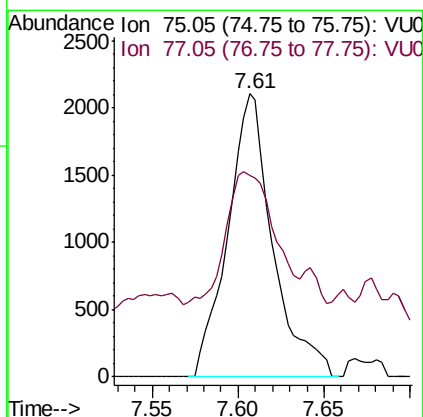
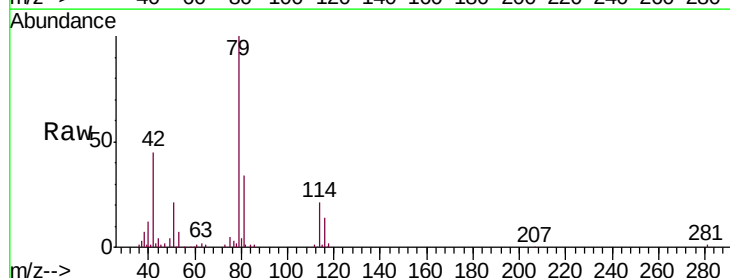
Instrument :
 MSVOA_U
 ClientSampleId :
 E0AA4

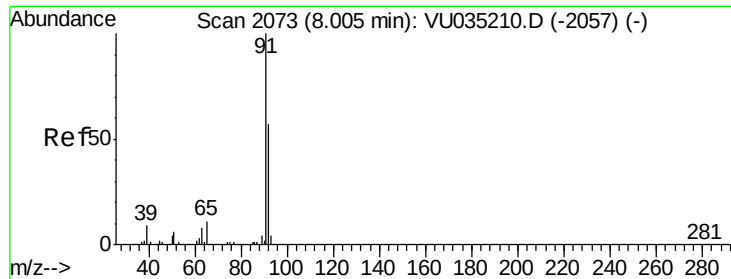
Tgt Ion: 63 Resp: 15293
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035232.D
 Acq: 17 Oct 2019 23:48

Tgt Ion: 75 Resp: 3823
 Ion Ratio Lower Upper
 75 100
 77 71.3 22.7 42.1#





#42

Toluene

Concen: 0.101 ug/L

RT: 8.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VU035232.D

Acq: 17 Oct 2019 23:48

Instrument :

MSVOA_U

ClientSampleId :

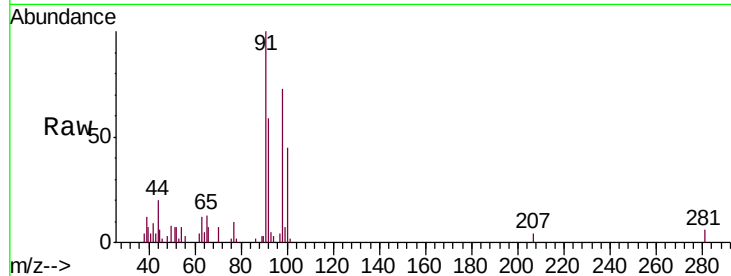
E0AA4

Tgt Ion: 91 Resp: 11371

Ion Ratio Lower Upper

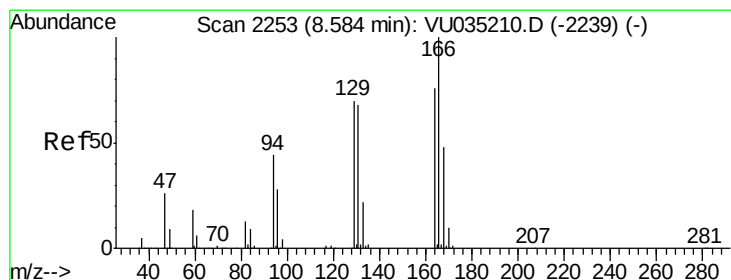
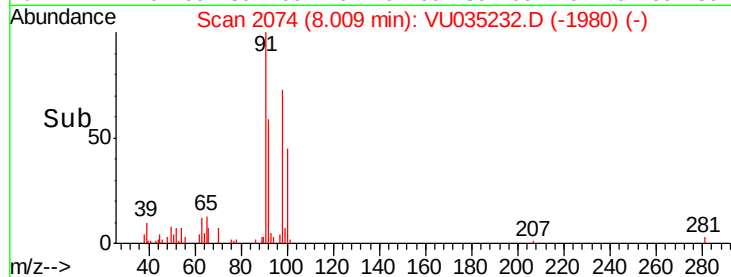
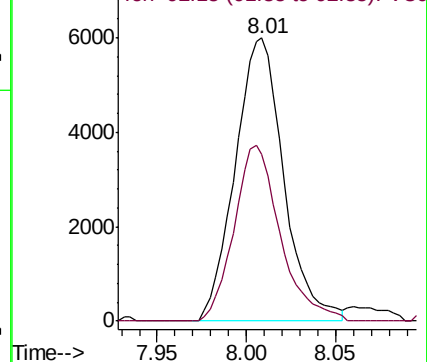
91 100

92 58.9 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU035210.D (-2057) (-)

Ion 92.15 (91.85 to 92.85): VU035210.D (-2057) (-)



#47

Tetrachloroethene

Concen: 0.279 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035232.D

Acq: 17 Oct 2019 23:48

Tgt Ion: 164 Resp: 6335

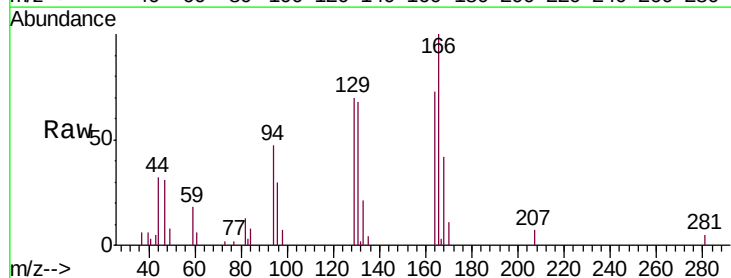
Ion Ratio Lower Upper

164 100

129 96.7 65.2 121.0

131 93.6 62.9 116.9

166 137.6 91.5 169.9

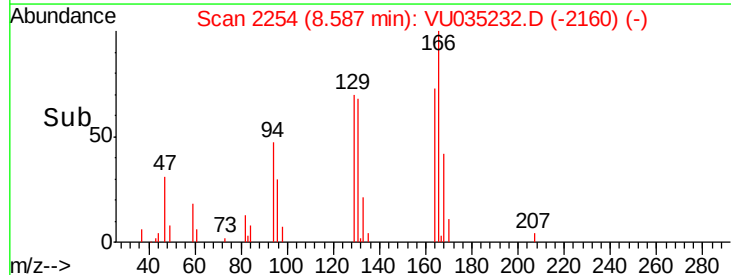
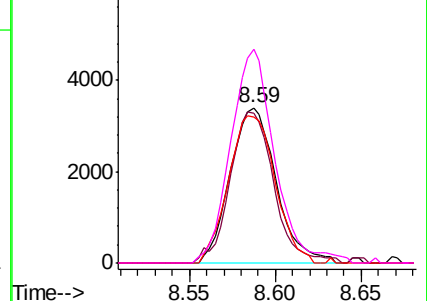


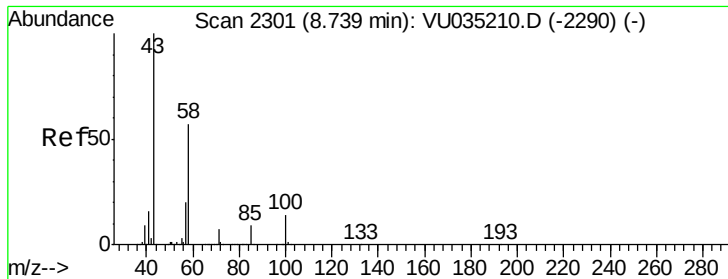
Abundance Ion 163.90 (163.60 to 164.60): VU035210.D (-2239) (-)

Ion 128.95 (128.65 to 129.65): VU035210.D (-2239) (-)

Ion 130.95 (130.65 to 131.65): VU035210.D (-2239) (-)

Ion 165.90 (165.60 to 166.60): VU035210.D (-2239) (-)

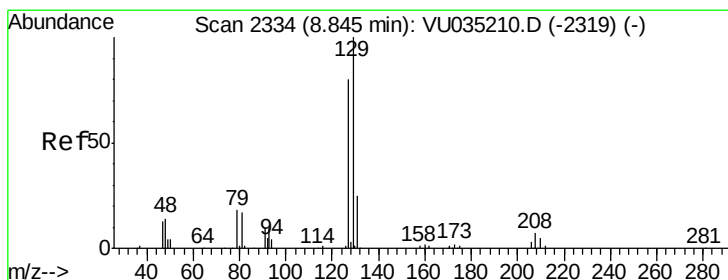
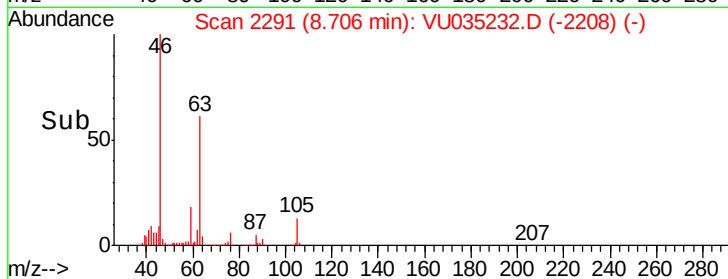
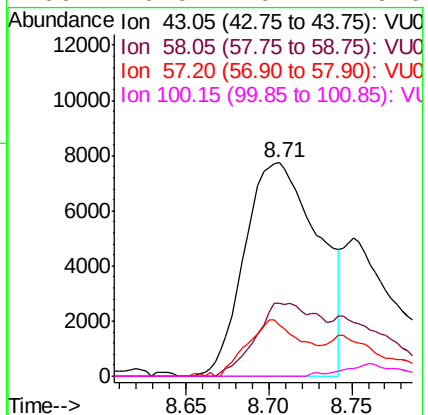
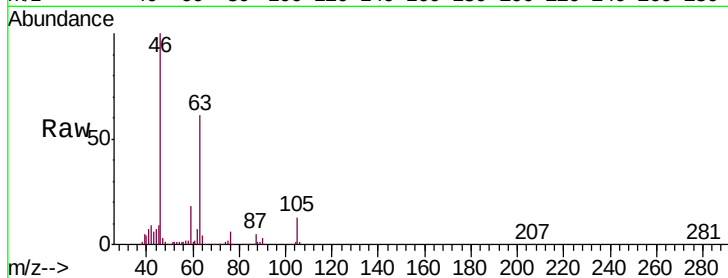




#48
2-Hexanone
Concen: 1.968 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.03 min
Lab File: VU035232.D
Acq: 17 Oct 2019 23:48

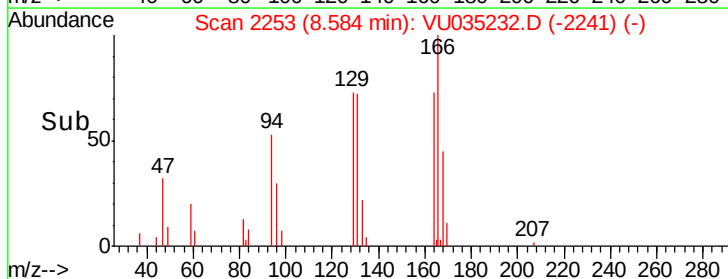
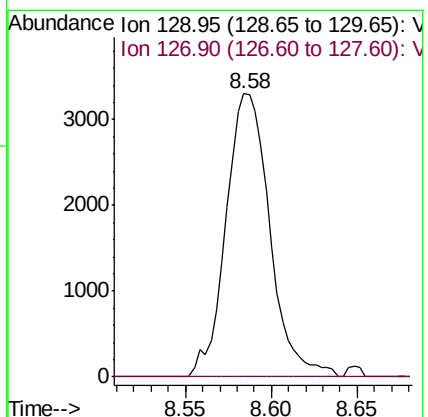
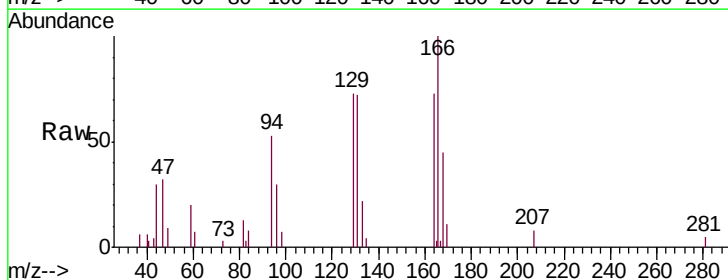
Instrument :
MSVOA_U
ClientSampleId :
E0AA4

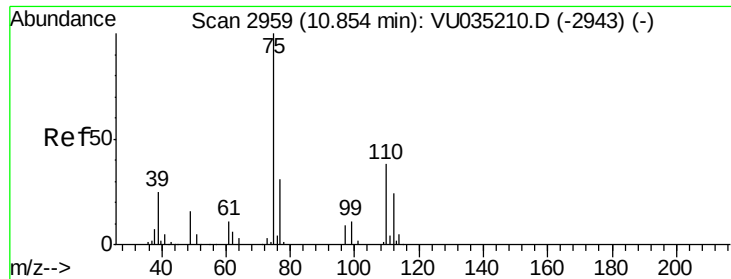
Tgt Ion: 43 Resp: 24015
Ion Ratio Lower Upper
43 100
58 29.2 45.1 67.7#
57 20.0 16.0 24.0
100 0.0 10.4 15.6#



#49
Dibromochloromethane
Concen: 0.241 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035232.D
Acq: 17 Oct 2019 23:48

Tgt Ion: 129 Resp: 5853
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#





#59

1,2,3-Trichloropropane

Concen: 0.840 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 0.99 min

Lab File: VU035232.D

Acq: 17 Oct 2019 23:48

Instrument :

MSVOA_U

ClientSampleId :

E0AA4

Tgt Ion: 75 Resp: 15090

Ion Ratio Lower Upper

75 100

77 39.1 26.2 39.2

