

Data File : VU035231.D
Acq On : 17 Oct 2019 23:25
Operator : JC/SP
Sample : K5321-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0AB5

Quant Time: Oct 18 03:54:12 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	374215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	359594	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	152845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105536	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.93	69	93567	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.59	63	147676	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.72	46	283485	43.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.46%
24) Chloroform-d	5.11	84	191452	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.75	65	110592	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.77	84	392233	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.74	67	126880	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	370513	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.22	79	55198	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.69	63	245592	43.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.90%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	104237	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	131696	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

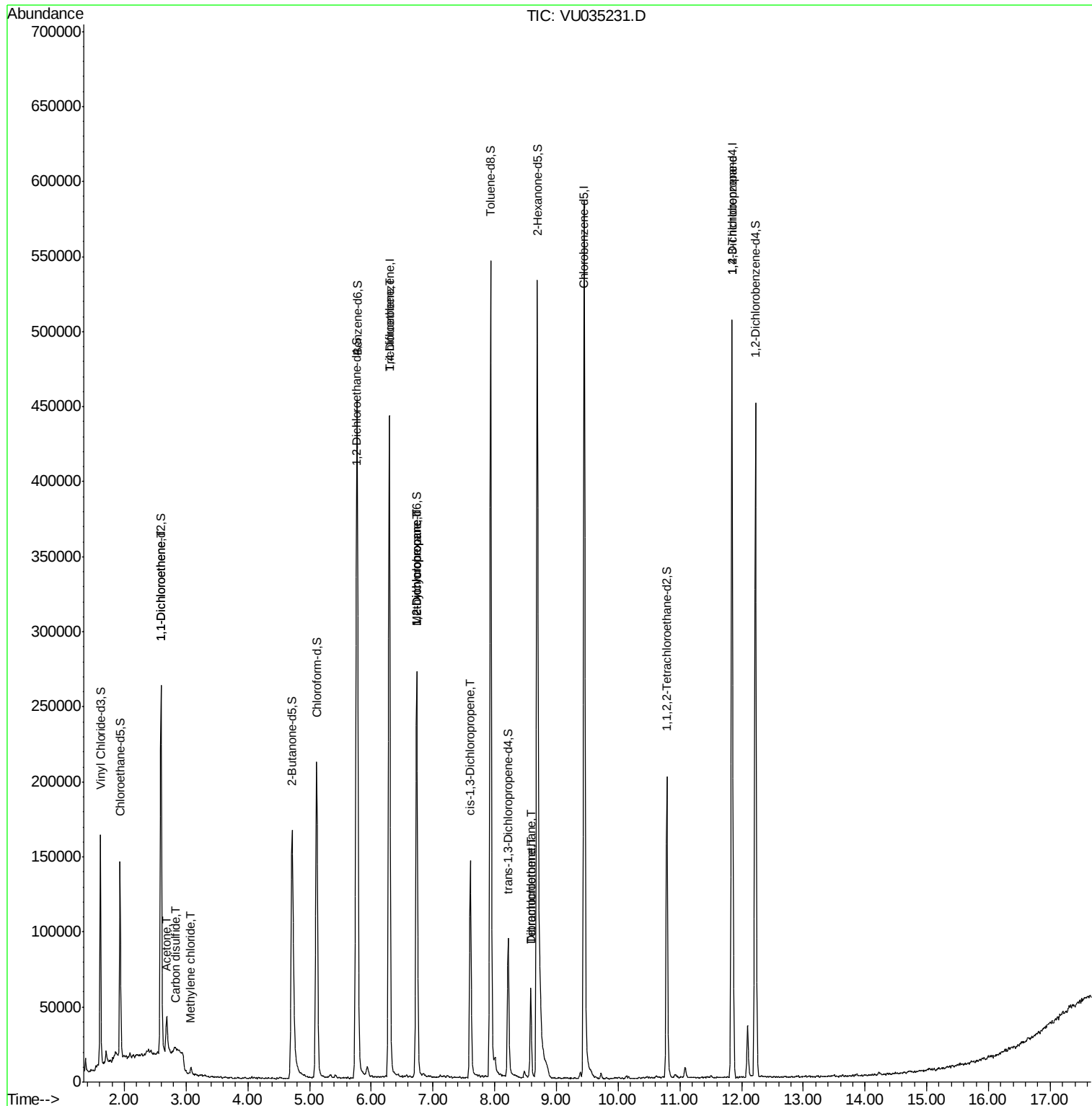
					Qvalue	
12) 1,1-Dichloroethene	2.59	96	1541	0.064	ug/L #	1
13) Acetone	2.69	43	32329	7.088	ug/L	93
14) Carbon disulfide	2.82	76	5434	0.071	ug/L #	44
16) Methylene chloride	3.08	84	1991	0.069	ug/L	92
34) Trichloroethene	6.29	95	7096	0.249	ug/L #	3
35) Methylcyclohexane	6.74	83	29146	0.613	ug/L #	20
37) 1,2-Dichloropropane	6.74	63	14430	0.537	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3860	0.086	ug/L #	10
47) Tetrachloroethene	8.58	164	14060	0.593	ug/L	98
49) Dibromochloromethane	8.59	129	12227	0.484	ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	17935	0.958	ug/L	89

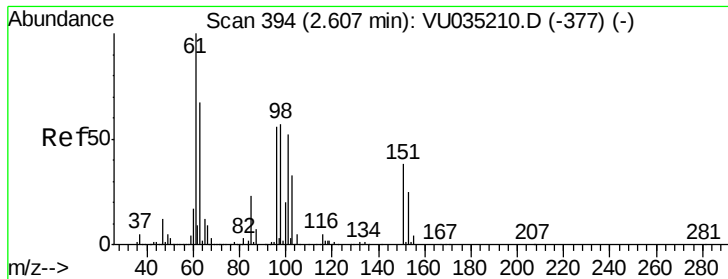
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU035231.D

Acq: 17 Oct 2019 23:25

Instrument :

MSVOA_U

ClientSampleId :

E0AB5

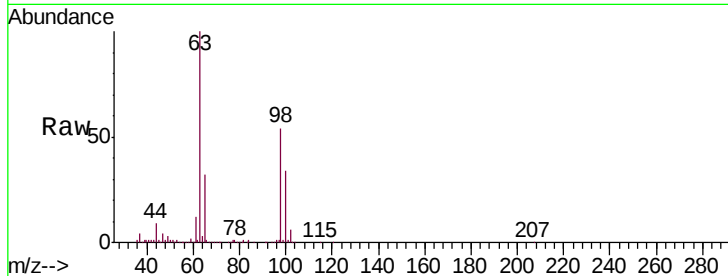
Tgt Ion: 96 Resp: 1541

Ion Ratio Lower Upper

96 100

61 1251.7 120.6 224.0#

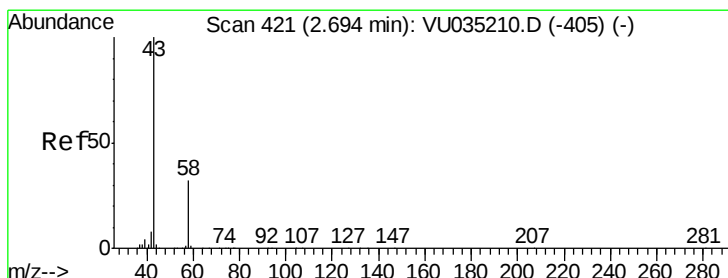
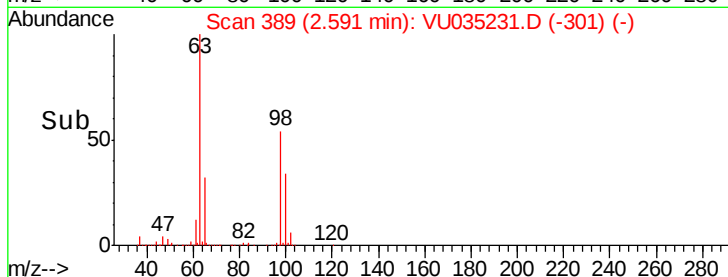
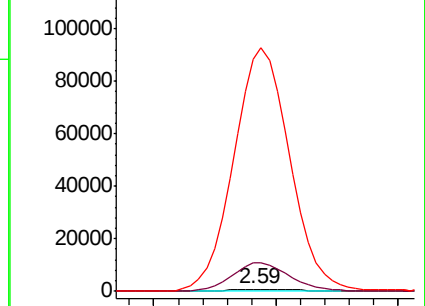
63 10118.7 86.8 161.2#



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



#13

Acetone

Concen: 7.088 ug/L

RT: 2.69 min Scan# 419

Delta R.T. -0.01 min

Lab File: VU035231.D

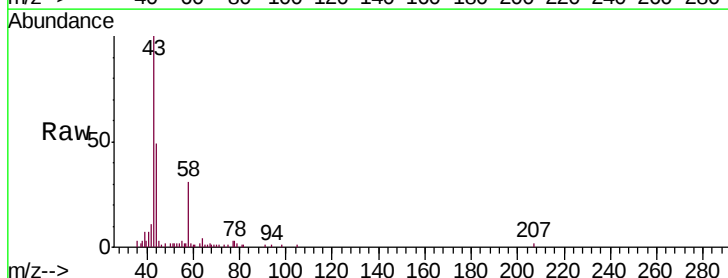
Acq: 17 Oct 2019 23:25

Tgt Ion: 43 Resp: 32329

Ion Ratio Lower Upper

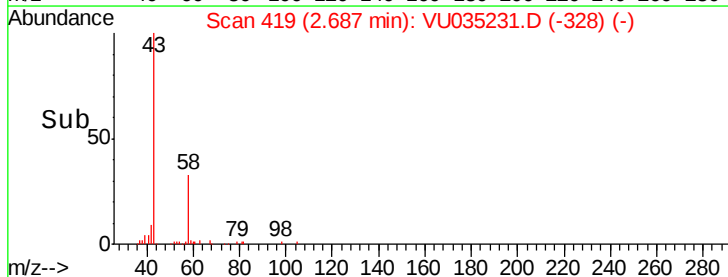
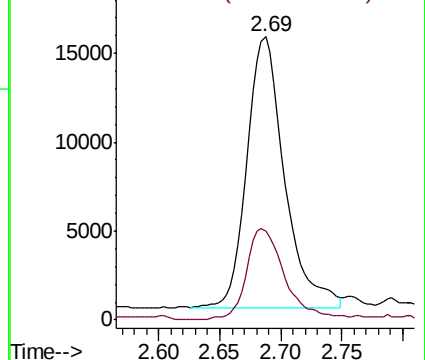
43 100

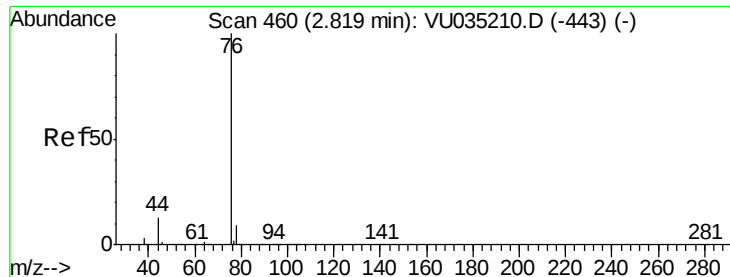
58 34.8 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.071 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU035231.D

Acq: 17 Oct 2019 23:25

Instrument :

MSVOA_U

ClientSampleId :

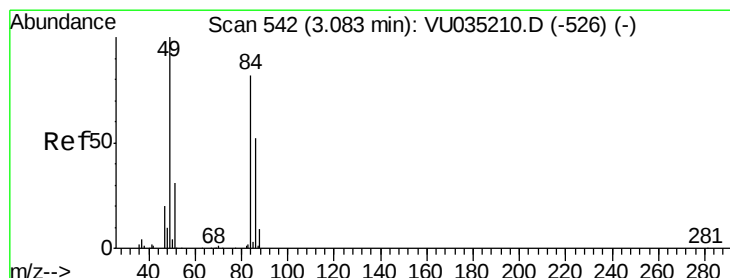
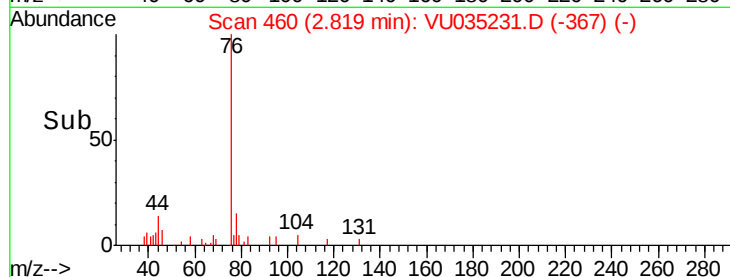
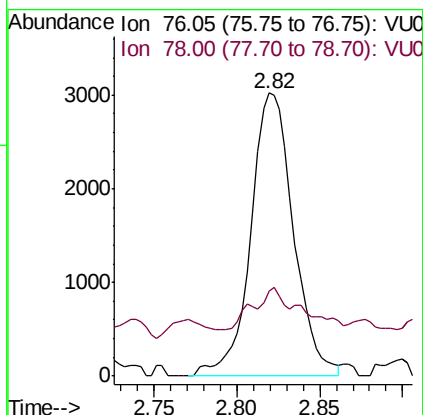
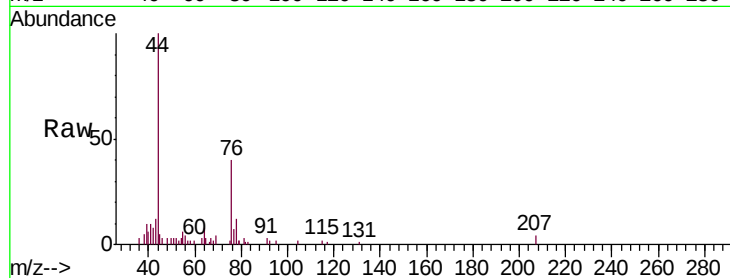
E0AB5

Tgt Ion: 76 Resp: 5434

Ion Ratio Lower Upper

76 100

78 29.8 7.6 11.4#



#16

Methylene chloride

Concen: 0.069 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035231.D

Acq: 17 Oct 2019 23:25

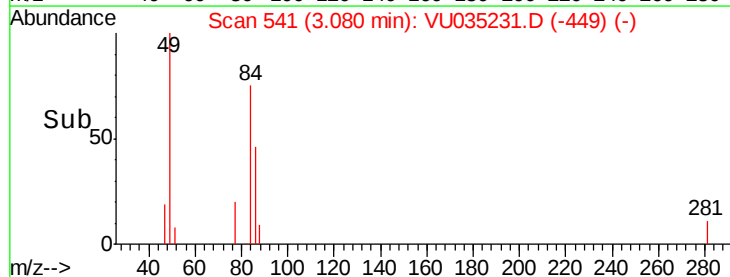
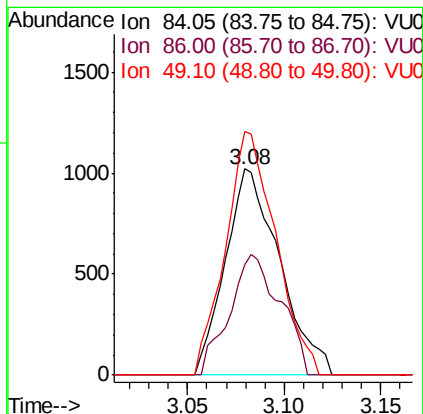
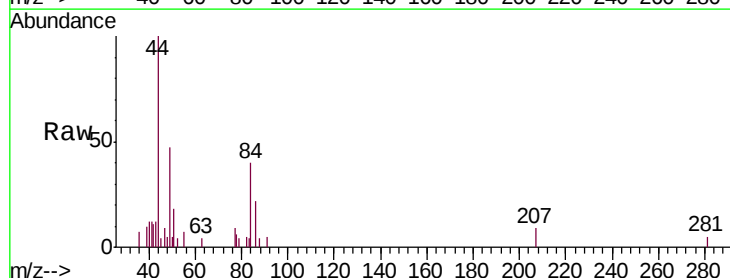
Tgt Ion: 84 Resp: 1991

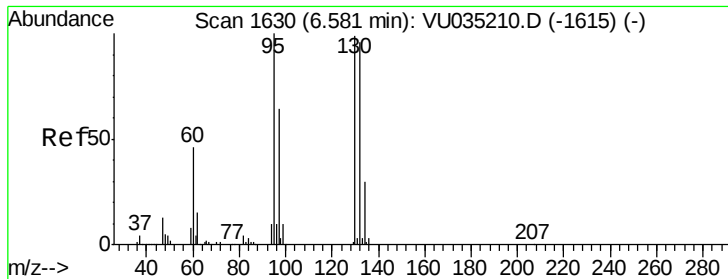
Ion Ratio Lower Upper

84 100

86 53.7 45.4 84.2

49 118.0 86.8 161.2

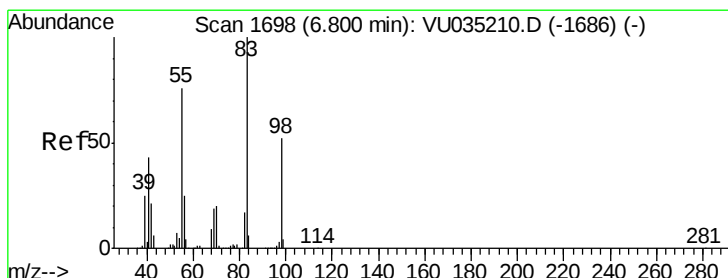
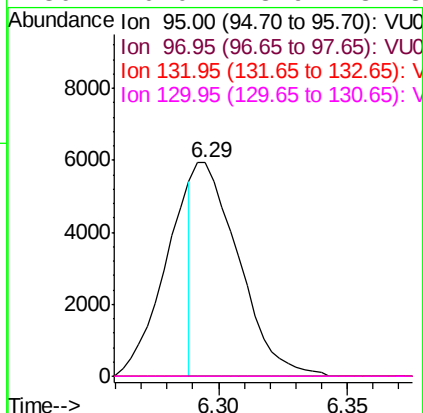
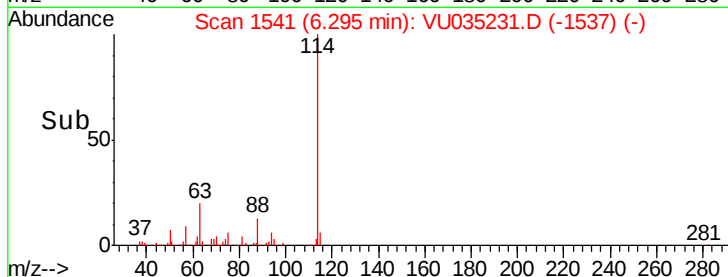
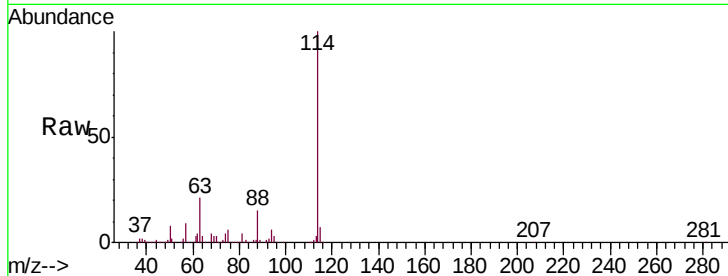




#34
 Trichloroethene
 Concen: 0.249 ug/L
 RT: 6.29 min Scan# 1541
 Delta R.T. -0.29 min
 Lab File: VU035231.D
 Acq: 17 Oct 2019 23:25

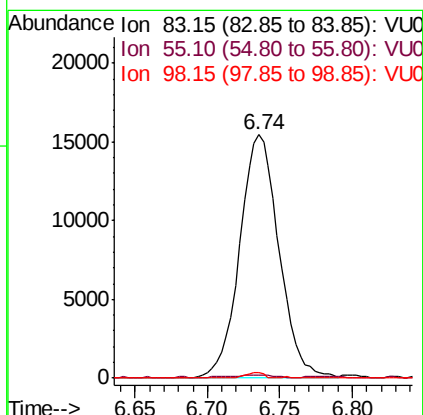
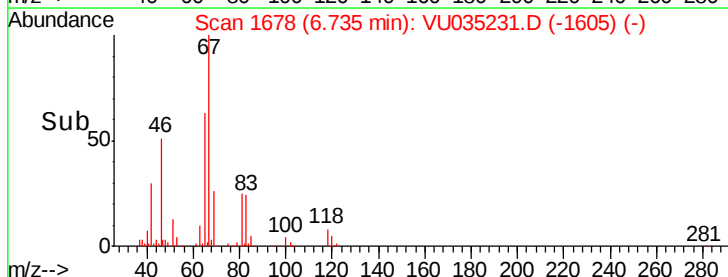
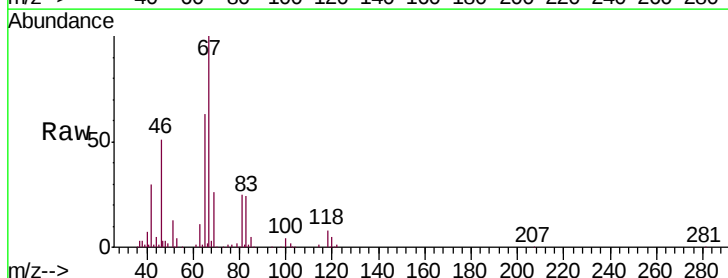
Instrument :
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 ClientSampleId :
 E0AB5

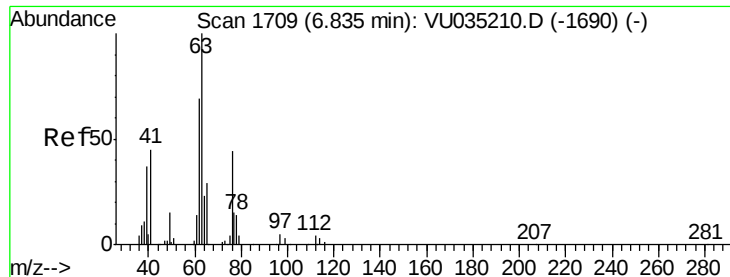
Tgt Ion:	95	Resp:	7096
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.6	86.6#
132	0.0	68.7	127.7#
130	0.0	73.9	137.3#



#35
 Methylcyclohexane
 Concen: 0.613 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.06 min
 Lab File: VU035231.D
 Acq: 17 Oct 2019 23:25

Tgt Ion:	83	Resp:	29146
Ion	Ratio	Lower	Upper
83	100		
55	1.3	60.4	90.6#
98	1.0	39.5	59.3#





#37

1,2-Dichloropropane

Concen: 0.537 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035231.D

Acq: 17 Oct 2019 23:25

Instrument :

MSVOA_U

ClientSampleId :

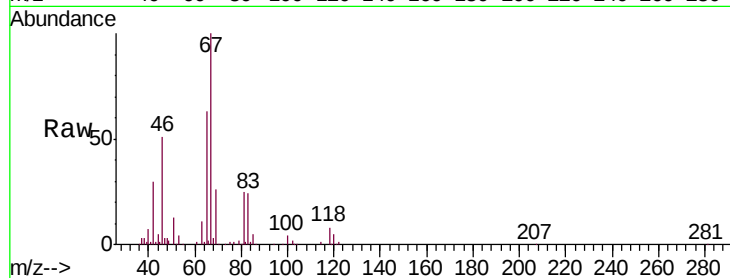
E0AB5

Tgt Ion: 63 Resp: 14430

Ion Ratio Lower Upper

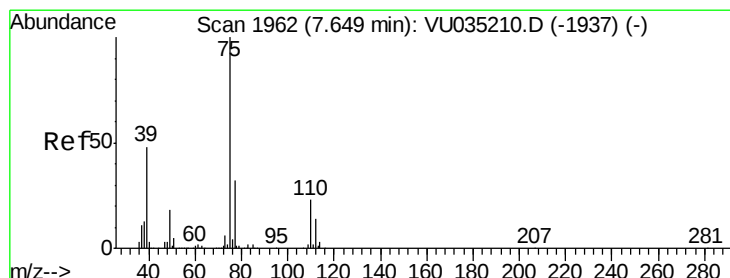
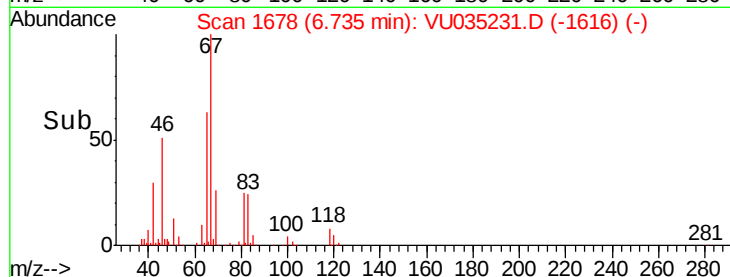
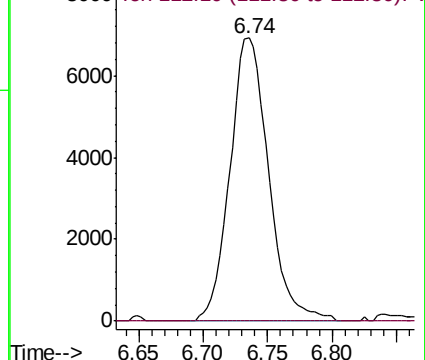
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035231.D

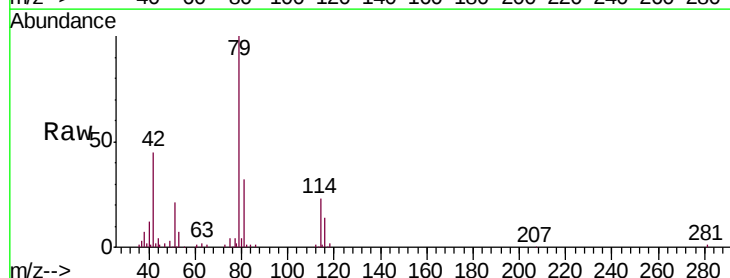
Acq: 17 Oct 2019 23:25

Tgt Ion: 75 Resp: 3860

Ion Ratio Lower Upper

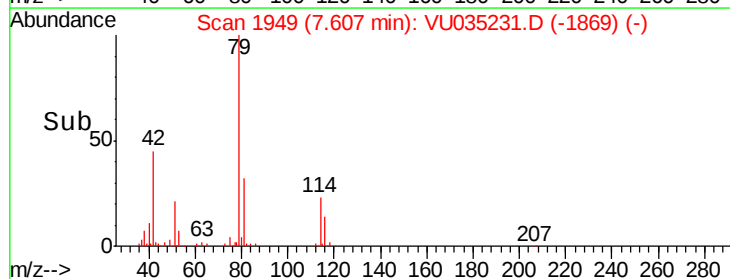
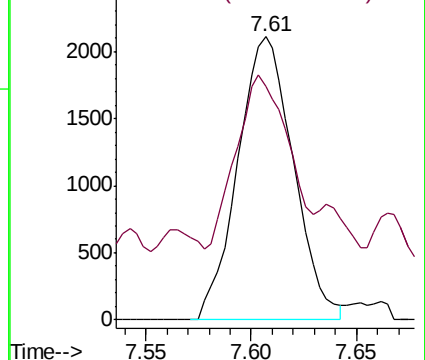
75 100

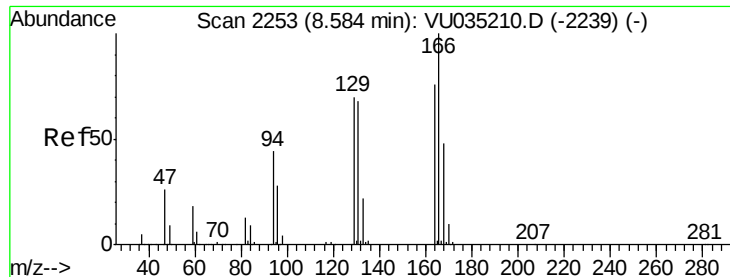
77 82.7 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

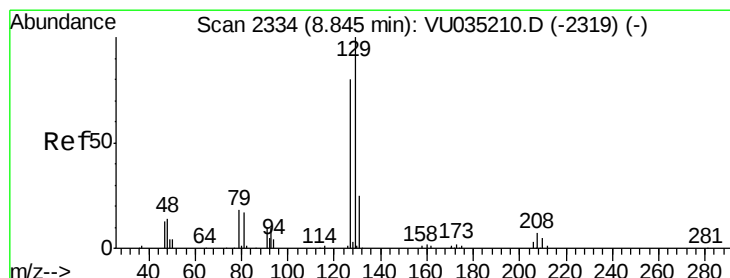
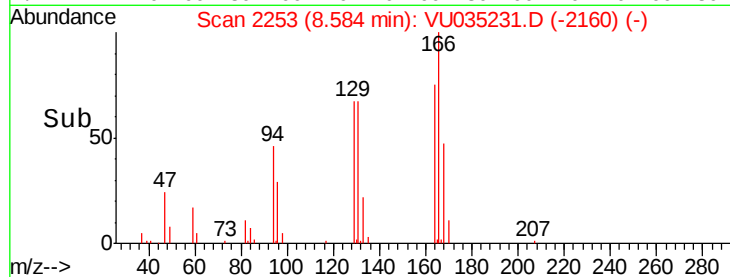
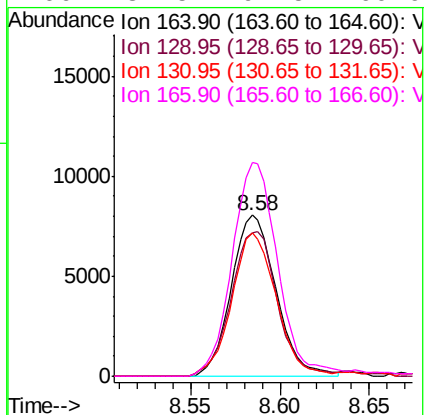
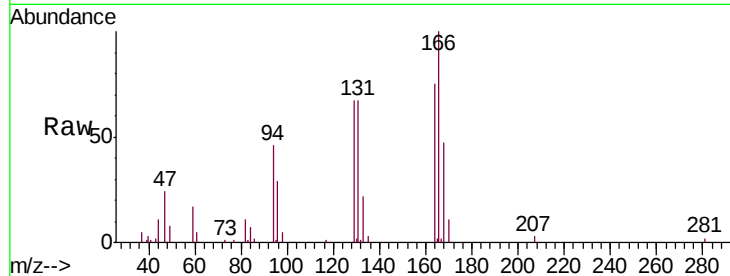




#47
Tetrachloroethene
Concen: 0.593 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035231.D
Acq: 17 Oct 2019 23:25

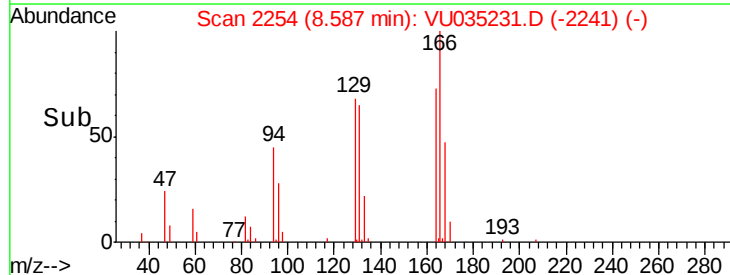
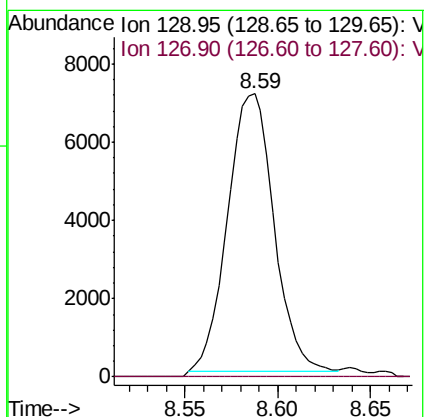
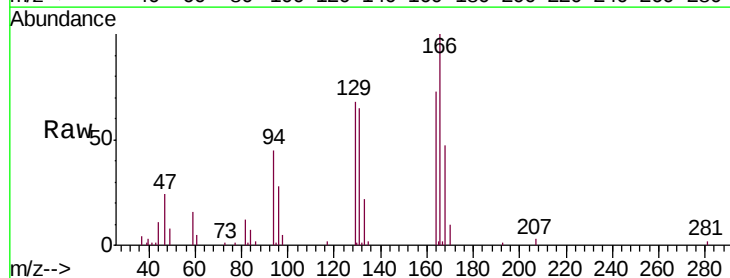
Instrument :
MSVOA_U
ClientSampleId :
E0AB5

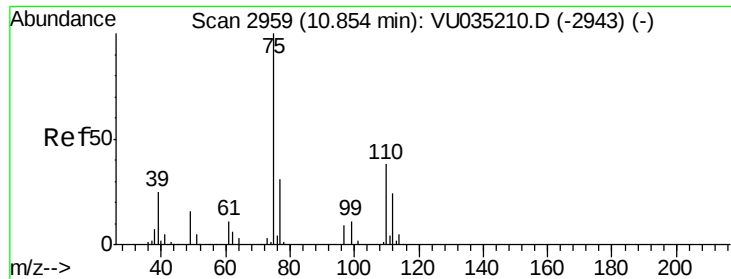
Tgt Ion:	164	Resp:	14060
Ion	Ratio	Lower	Upper
164	100		
129	89.2	65.2	121.0
131	89.4	62.9	116.9
166	132.5	91.5	169.9



#49
Dibromochloromethane
Concen: 0.484 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. -0.26 min
Lab File: VU035231.D
Acq: 17 Oct 2019 23:25

Tgt Ion:	129	Resp:	12227
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59

1,2,3-Trichloropropane

Concen: 0.958 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035231.D

Acq: 17 Oct 2019 23:25

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 17935

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.2

