

Data File : VU035225.D
Acq On : 17 Oct 2019 21:05
Operator : JC/SP
Sample : K5318-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CG9

Quant Time: Oct 18 03:52:33 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	371259	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	359414	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	147556	5.00	ug/L	0.00

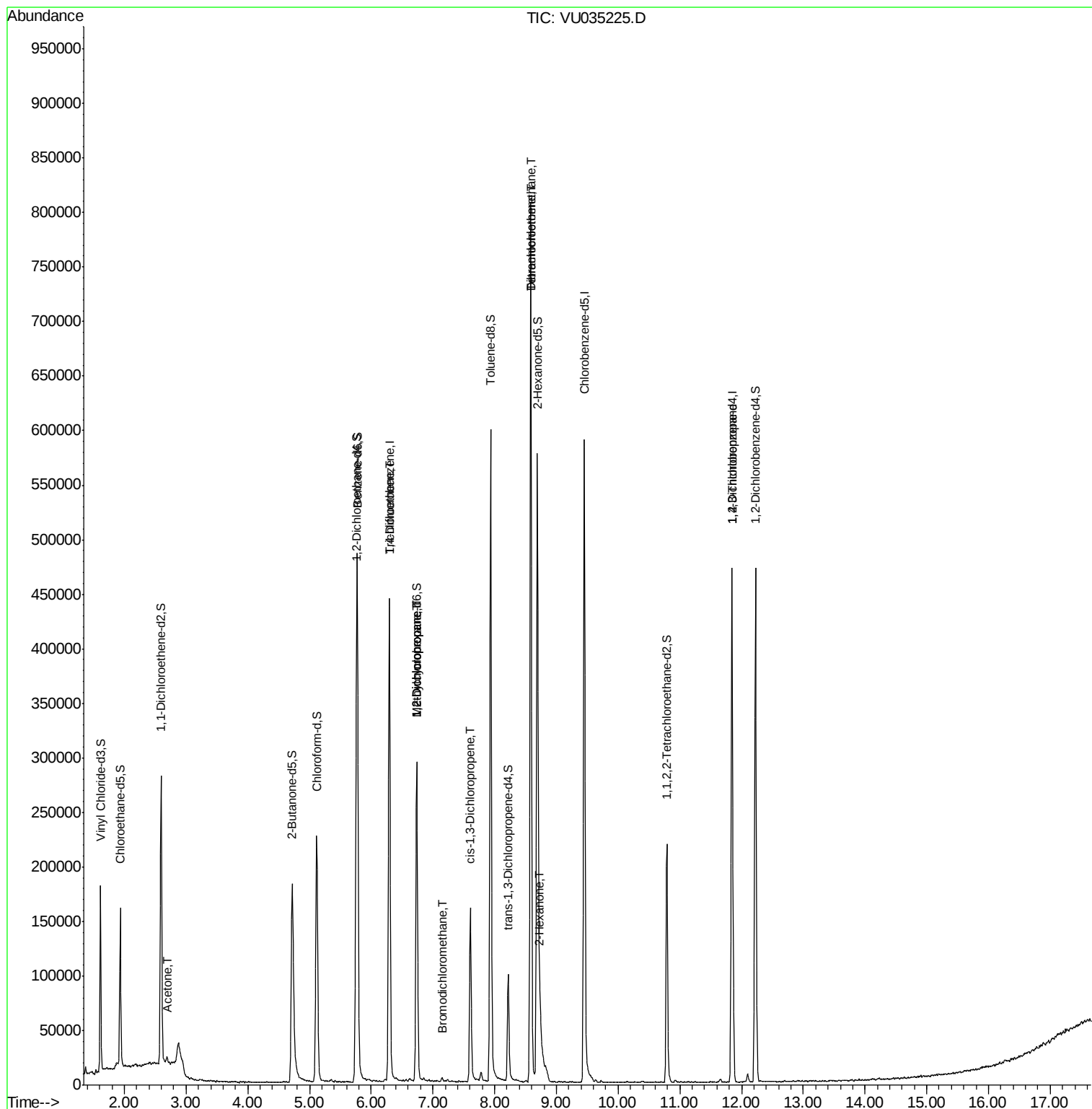
System Monitoring Compounds

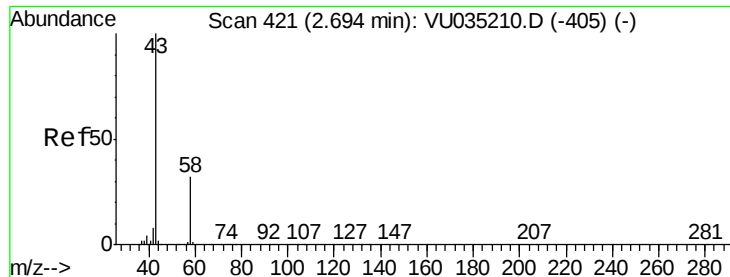
4) Vinyl Chloride-d3	1.61	65	115731	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.93	69	104220	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.60	63	160970	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.72	46	312384	48.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.04%
24) Chloroform-d	5.11	84	205865	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	119558	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.77	84	426261	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.74	67	136428	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.93	98	407230	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	8.22	79	60485	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.69	63	260906	46.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.42%
57) 1,1,2,2-T						

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#13

Acetone

Concen: 1.864 ug/L

RT: 2.69 min Scan# 421

Delta R.T. -0.00 min

Lab File: VU035225.D

Acq: 17 Oct 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

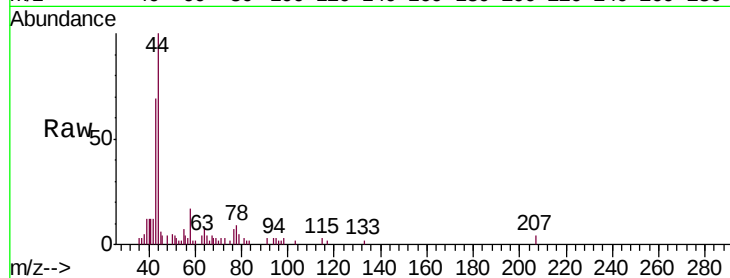
C0CG9

Tgt Ion: 43 Resp: 8436

Ion Ratio Lower Upper

43 100

58 34.1 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035210.D (-405) (-)

Ion 58.05 (57.75 to 58.75): VU035210.D (-405) (-)

2.69

5000

4000

3000

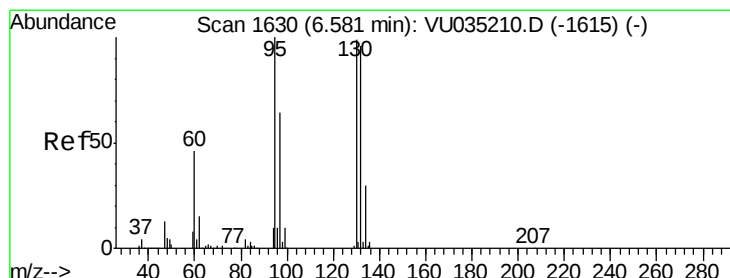
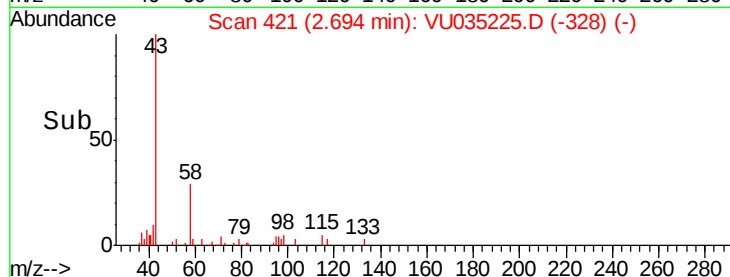
2000

1000

0

Time-->

2.65 2.70 2.75



#34

Trichloroethene

Concen: 0.258 ug/L

RT: 6.30 min Scan# 1542

Delta R.T. -0.28 min

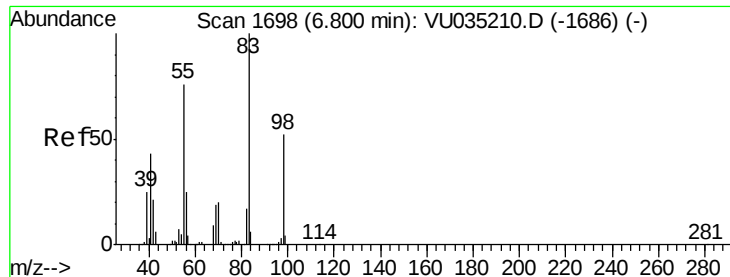
Lab File: VU035225.D

Acq: 17 Oct 2019 21:05

Tgt Ion: 95 Resp: 7343

Ion Ratio Lower Upper

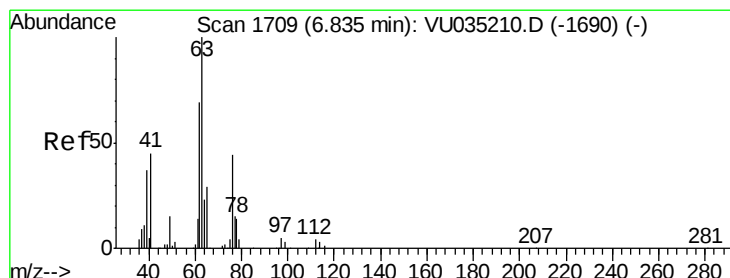
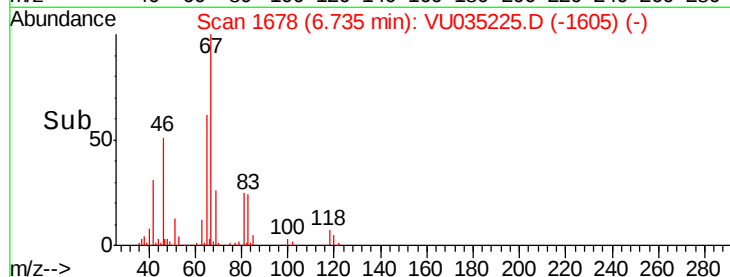
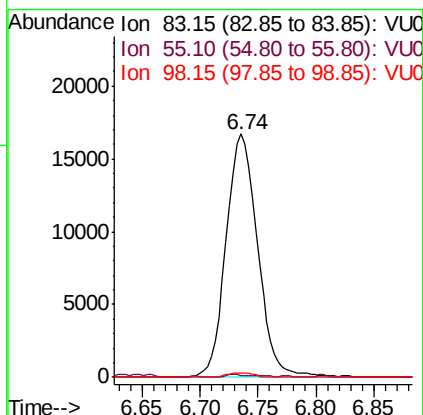
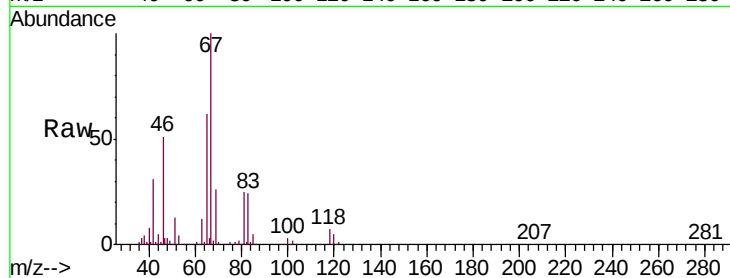
95 100



#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035225.D
Acq: 17 Oct 2019 21:05

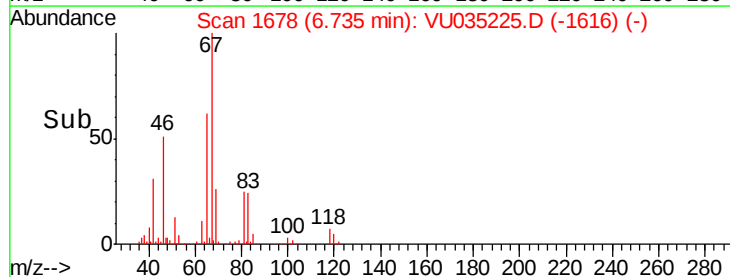
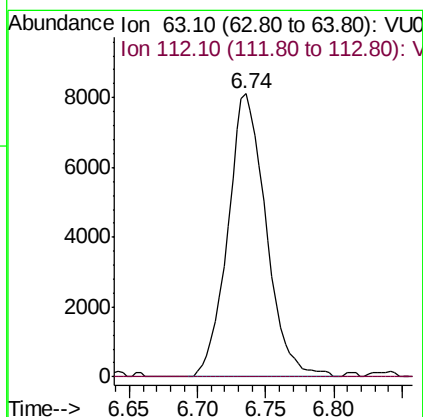
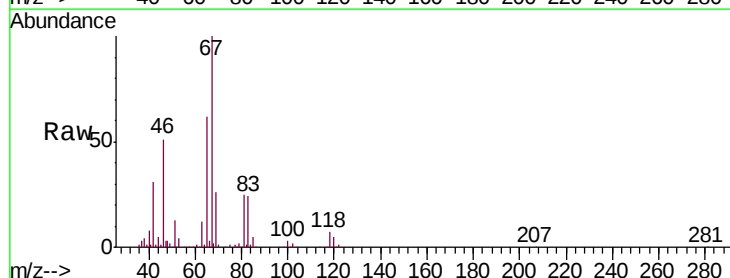
Instrument :
MSVOA_U
ClientSampleId :
C0CG9

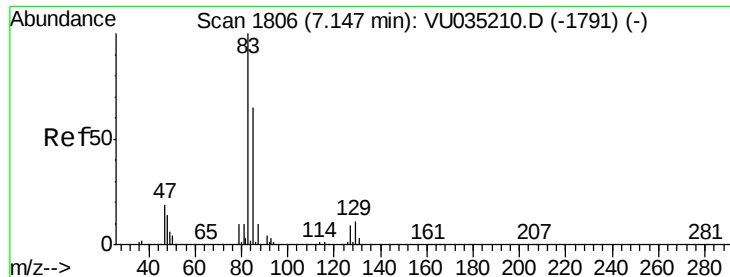
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.1	60.4	90.6#
98	1.5	39.5	59.3#



#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035225.D
Acq: 17 Oct 2019 21:05

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





#38

Bromodichloromethane

Concen: 0.067 ug/L

RT: 7.15 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VU035225.D

Acq: 17 Oct 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

C0CG9

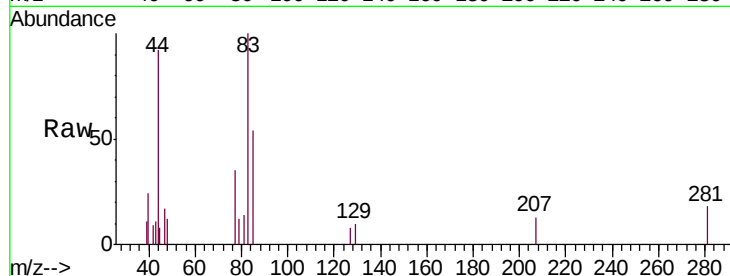
Tgt Ion: 83 Resp: 2428

Ion Ratio Lower Upper

83 100

85 54.4 45.6 84.8

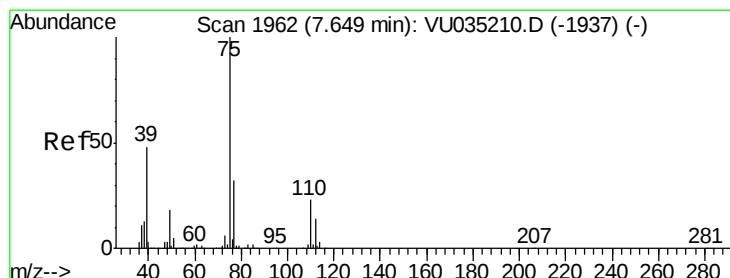
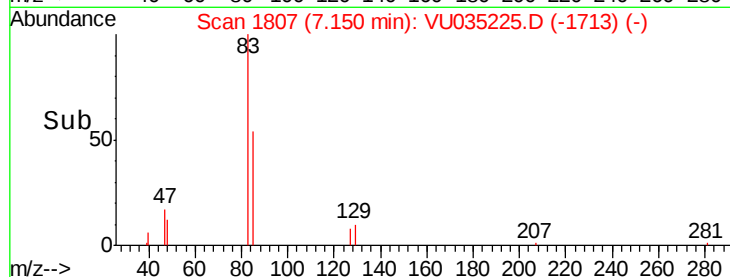
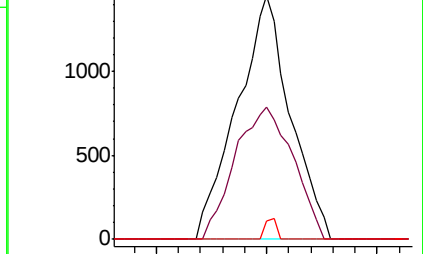
127 7.6 6.9 10.3



Abundance Ion 82.95 (82.65 to 83.65): VU035210.D (-1791) (-)

Ion 85.00 (84.70 to 85.70): VU035210.D (-1791) (-)

Ion 126.90 (126.60 to 127.60): VU035210.D (-1791) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035225.D

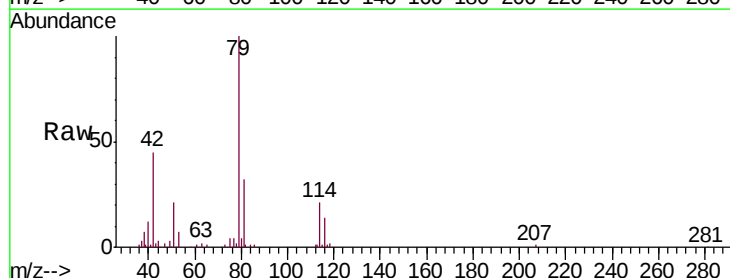
Acq: 17 Oct 2019 21:05

Tgt Ion: 75 Resp: 4481

Ion Ratio Lower Upper

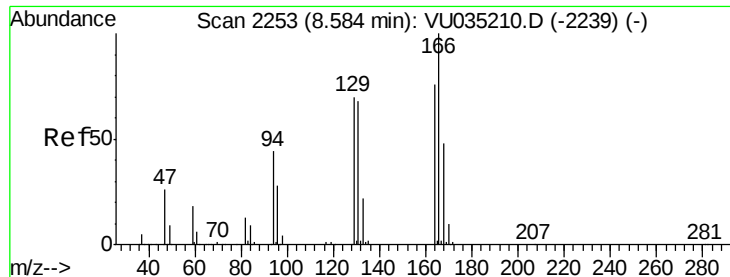
75 100

77 85.0 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035210.D (-1937) (-)

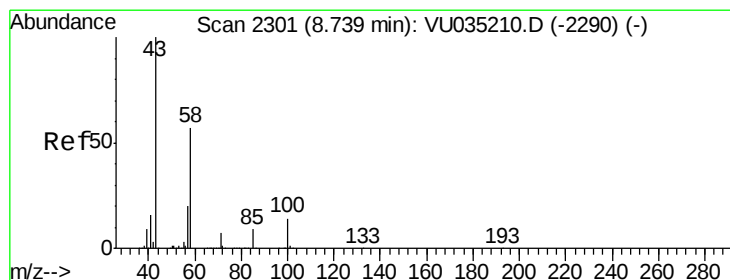
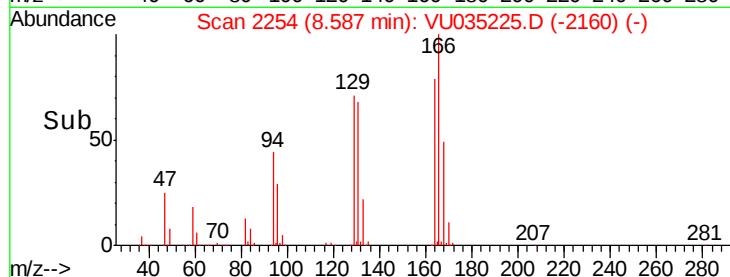
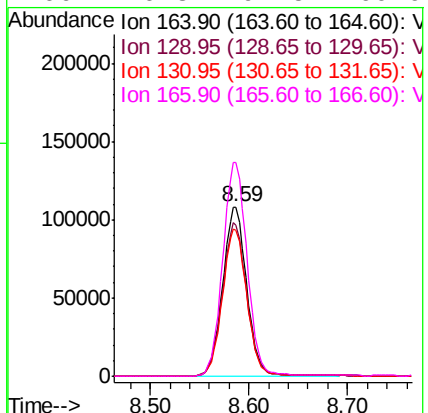
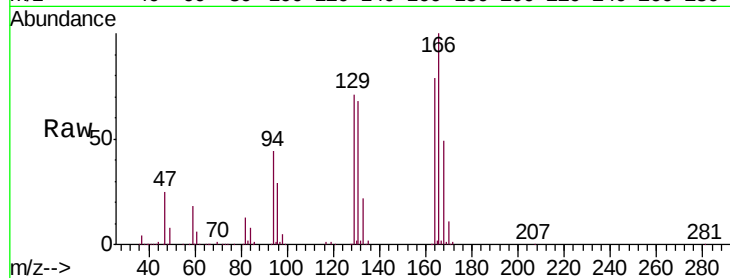
Ion 7



#47
Tetrachloroethene
Concen: 7.899 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VU035225.D
Acq: 17 Oct 2019 21:05

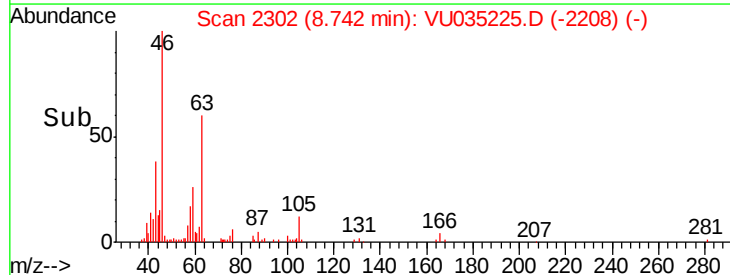
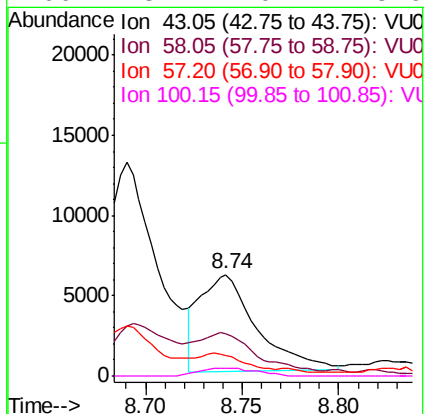
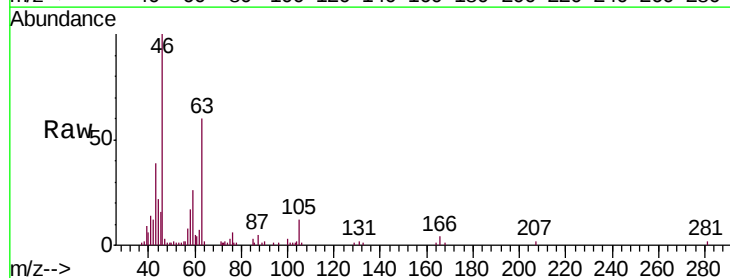
Instrument :
MSVOA_U
ClientSampleId :
C0CG9

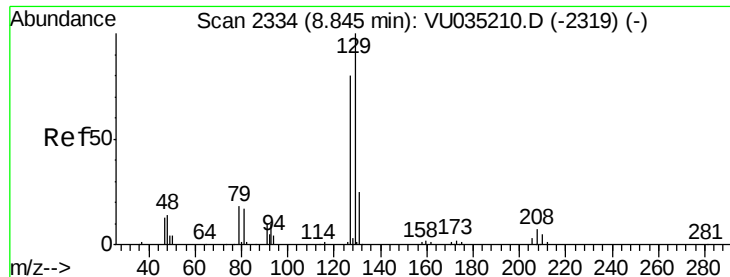
Tgt Ion:	164	Resp:	187098
Ion	Ratio	Lower	Upper
164	100		
129	89.4	65.2	121.0
131	86.5	62.9	116.9
166	126.3	91.5	169.9



#48
2-Hexanone
Concen: 0.962 ug/L
RT: 8.74 min Scan# 2302
Delta R.T. 0.00 min
Lab File: VU035225.D
Acq: 17 Oct 2019 21:05

Tgt Ion:	43	Resp:	12225
Ion	Ratio	Lower	Upper
43	100		
58	40.4	45.1	67.7#
57	17.8	16.0	24.0
100	8.1	10.4	15.6#





#49

Dibromochloromethane

Concen: 6.515 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035225.D

Acq: 17 Oct 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

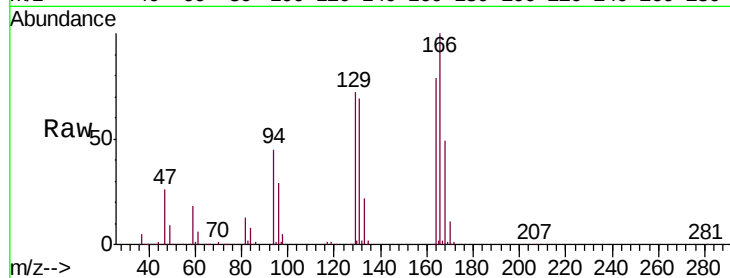
C0CG9

Tgt Ion: 129 Resp: 164622

Ion Ratio Lower Upper

129 100

127 0.1 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.58

100000

80000

60000

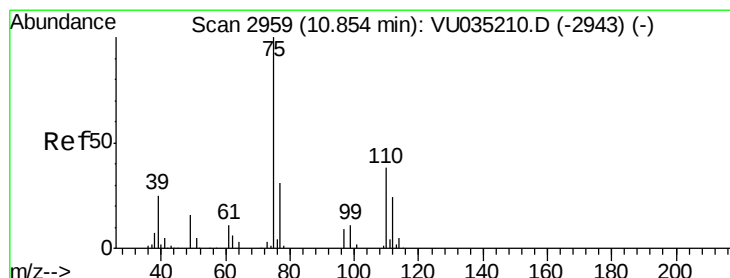
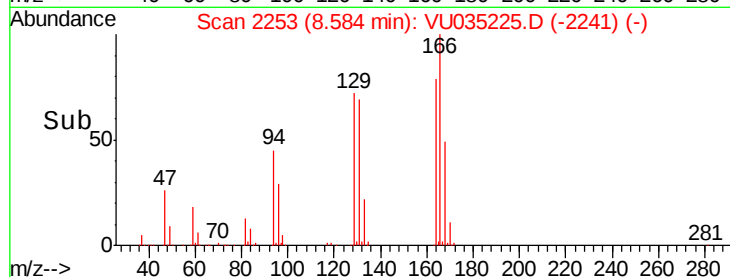
40000

20000

0

8.55 8.60 8.65

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.926 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035225.D

Acq: 17 Oct 2019 21:05

Tgt Ion: 75 Resp: 17325

Ion Ratio Lower Upper

75 100