

Data File : VU031947.D
Acq On : 12 May 2019 16:50
Operator : JC/SP
Sample : K2791-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D49

Quant Time: May 13 07:04:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464167	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	481039	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	174361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	122846	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.68	69	122223	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.27	63	186956	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.21	46	531913	43.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.14%
24) Chloroform-d	4.64	84	278055	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	157214	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
32) Benzene-d6	5.33	84	532129	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.33	67	190858	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.56	98	389304	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.85	79	54247	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.31	63	364515	45.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	168274	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	149210	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

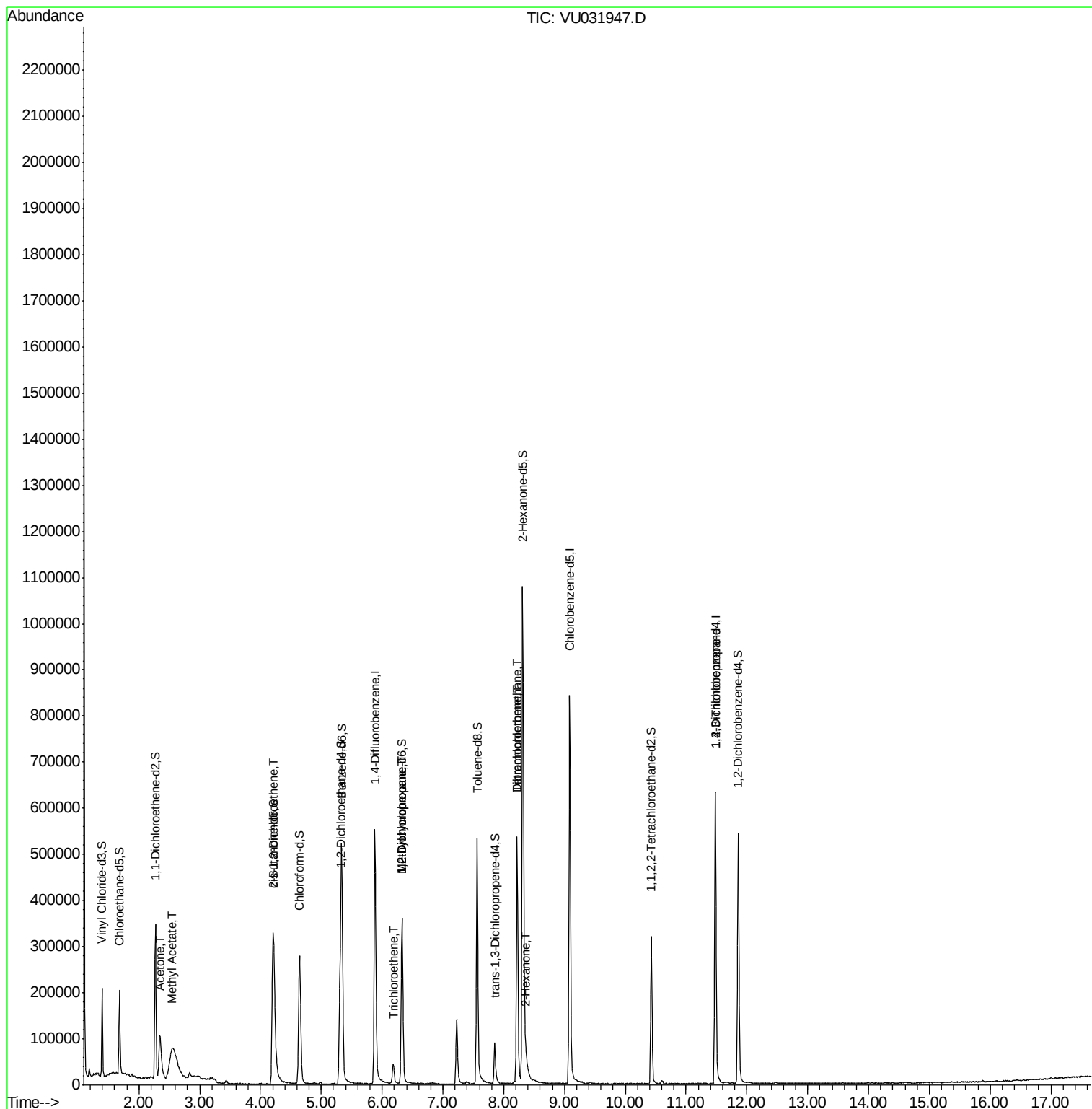
					Qvalue
13) Acetone	2.34	43	156169	18.513	ug/L 85
15) Methyl Acetate	2.56	43	33360	1.533	ug/L # 59
22) cis-1,2-Dichloroethene	4.22	96	44740	1.095	ug/L 83
34) Trichloroethene	6.19	95	15764	0.373	ug/L 92
35) Methylcyclohexane	6.33	83	40211	0.662	ug/L # 12
37) 1,2-Dichloropropane	6.33	63	20257	0.422	ug/L # 91
47) Tetrachloroethene	8.22	164	122839	4.467	ug/L 96
48) 2-Hexanone	8.38	43	24059	1.048	ug/L # 93
49) Dibromochloromethane	8.22	129	121168	3.663	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	21904	0.771	ug/L # 87

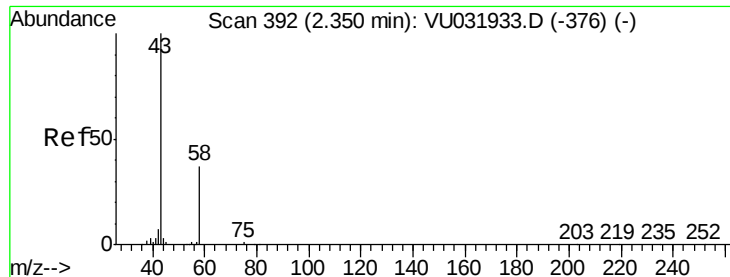
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 18.513 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU031947.D

Acq: 12 May 2019 16:50

Instrument :

MSVOA_U

ClientSampleId :

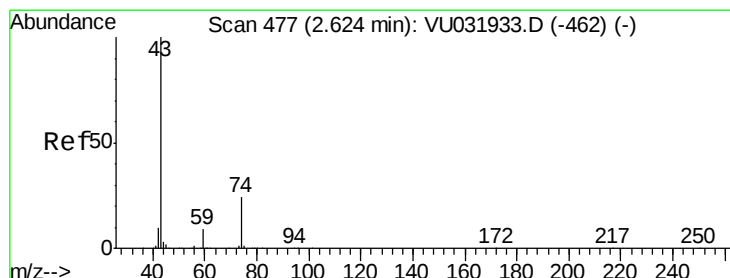
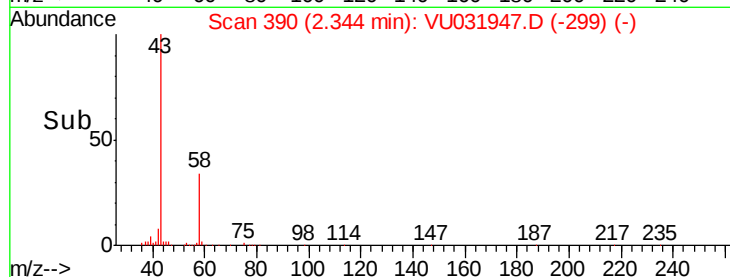
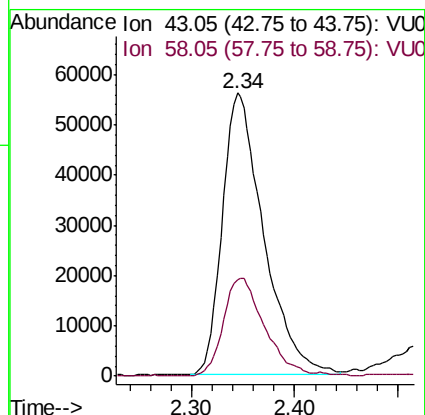
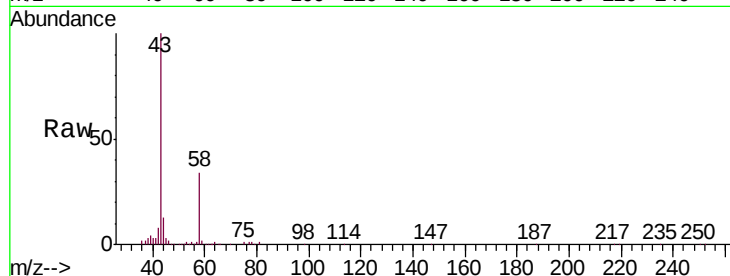
F9D49

Tgt Ion: 43 Resp: 156169

Ion Ratio Lower Upper

43 100

58 34.5 0.0 53.6



#15

Methyl Acetate

Concen: 1.533 ug/L

RT: 2.56 min Scan# 457

Delta R.T. -0.06 min

Lab File: VU031947.D

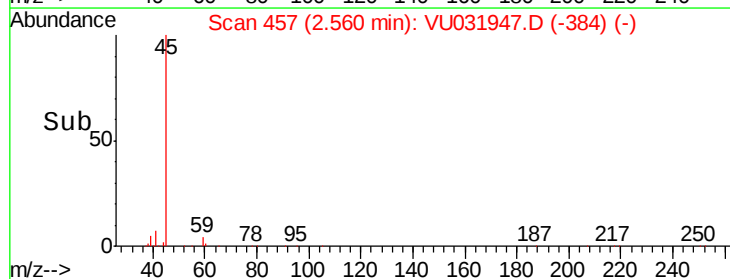
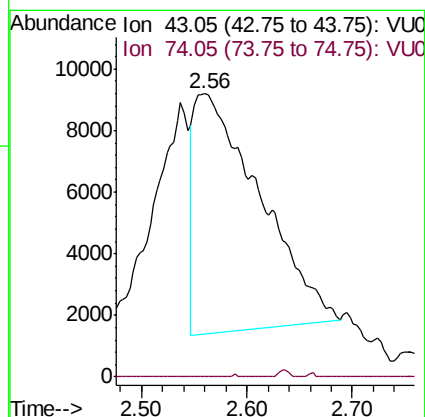
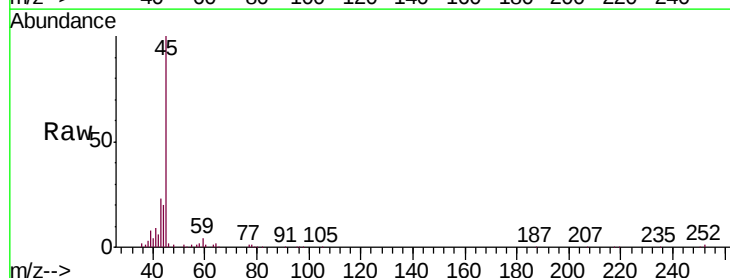
Acq: 12 May 2019 16:50

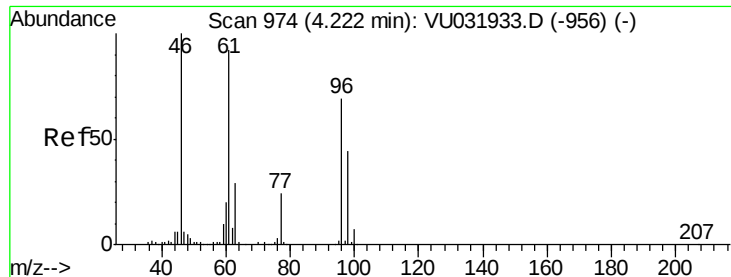
Tgt Ion: 43 Resp: 33360

Ion Ratio Lower Upper

43 100

74 0.1 14.7 22.1#





#22

cis-1,2-Dichloroethene

Concen: 1.095 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031947.D

Acq: 12 May 2019 16:50

Instrument :

MSVOA_U

ClientSampleId :

F9D49

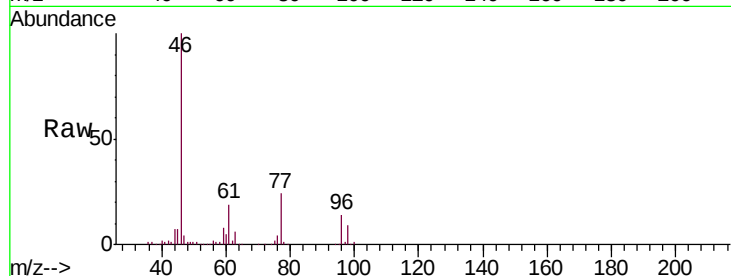
Tgt Ion: 96 Resp: 44740

Ion Ratio Lower Upper

96 100

61 139.2 113.3 210.5

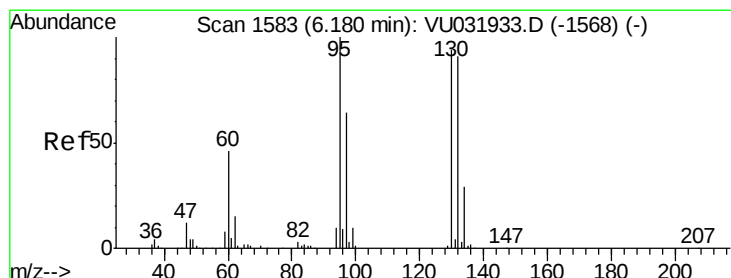
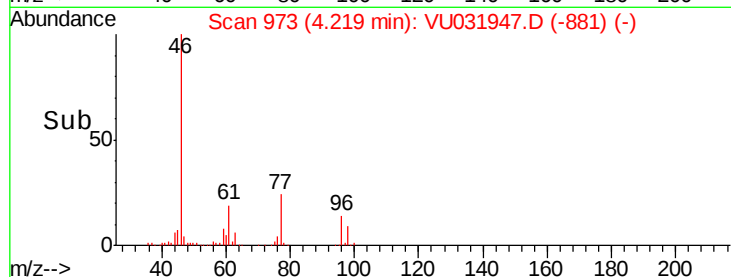
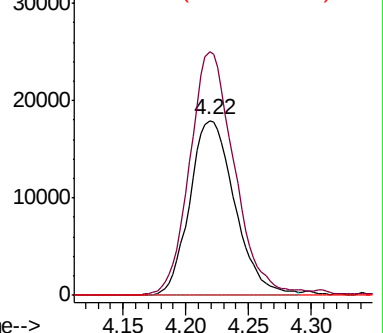
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031933.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU031933.D (-956) (-)

Ion 68.15 (67.85 to 68.85): VU031933.D (-956) (-)



#34

Trichloroethene

Concen: 0.373 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031947.D

Acq: 12 May 2019 16:50

Tgt Ion: 95 Resp: 15764

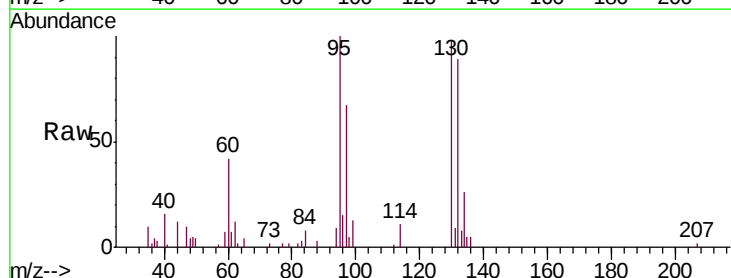
Ion Ratio Lower Upper

95 100

97 66.5 45.8 85.2

132 88.6 56.0 104.0

130 97.8 60.4 112.2

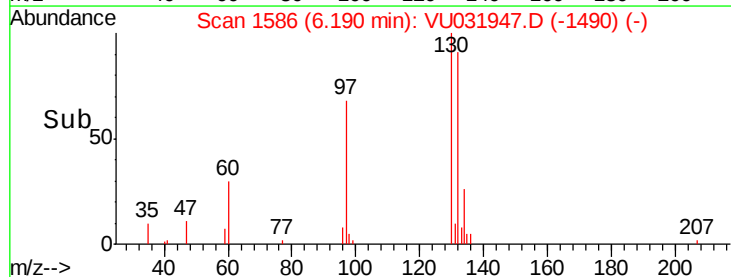
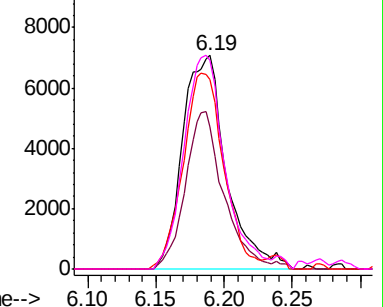


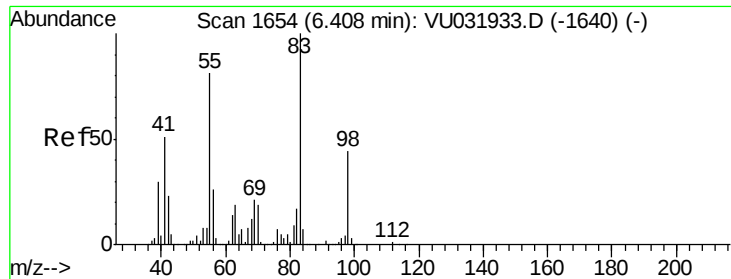
Abundance Ion 95.00 (94.70 to 95.70): VU031933.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU031933.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU031933.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU031933.D (-1568) (-)

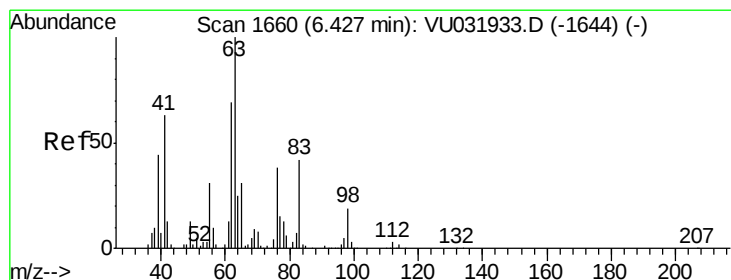
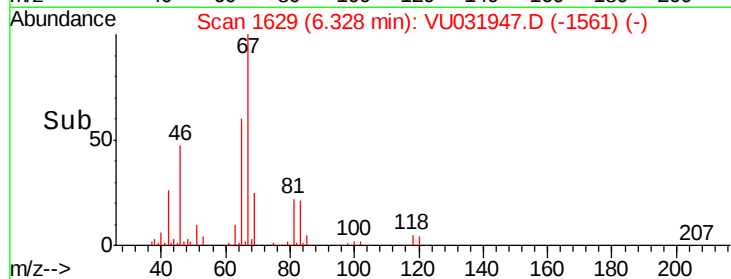
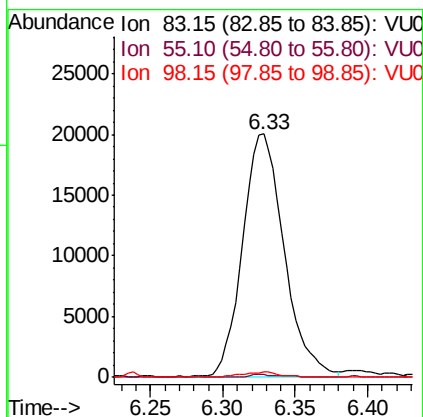
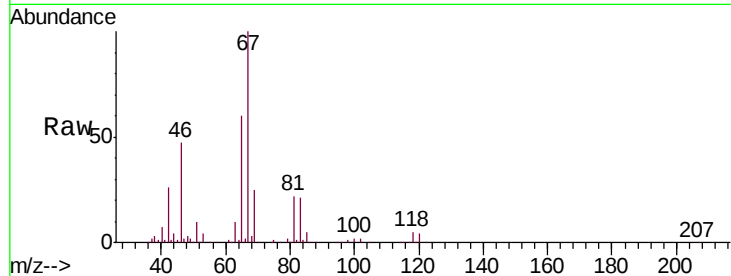




#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031947.D
Acq: 12 May 2019 16:50

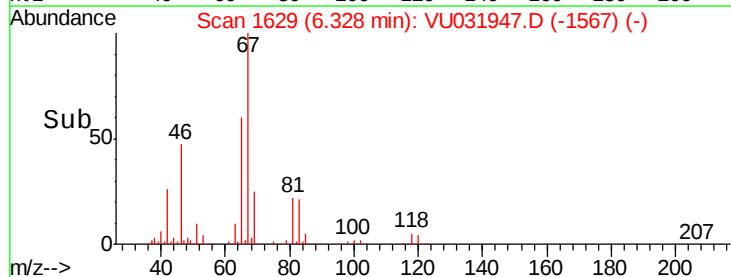
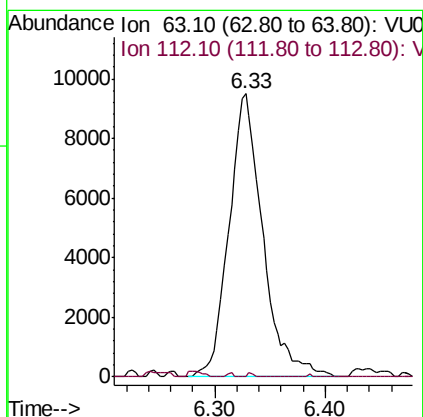
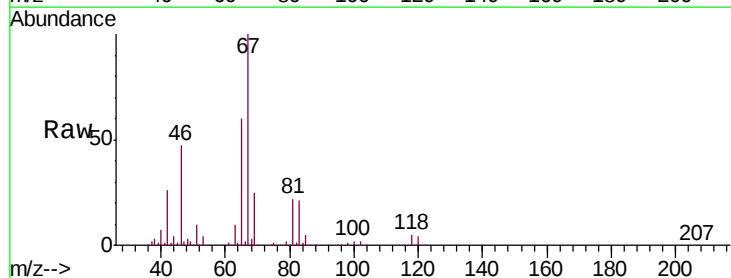
Instrument :
MSVOA_U
ClientSampleId :
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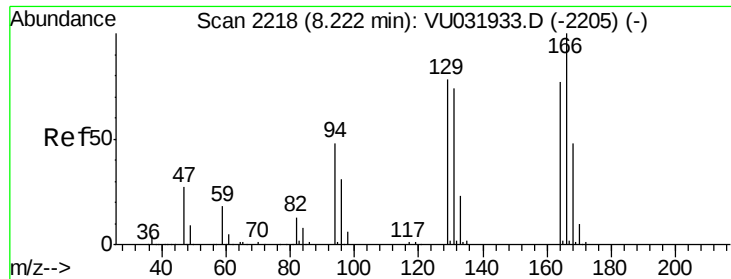
Tgt Ion: 83 Resp: 40211
Ion Ratio Lower Upper
83 100
55 0.6 79.2 118.8#
98 2.0 34.0 51.0#



#37
1,2-Dichloropropane
Concen: 0.422 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031947.D
Acq: 12 May 2019 16:50

Tgt Ion: 63 Resp: 20257
Ion Ratio Lower Upper
63 100
112 0.2 2.5 3.7#

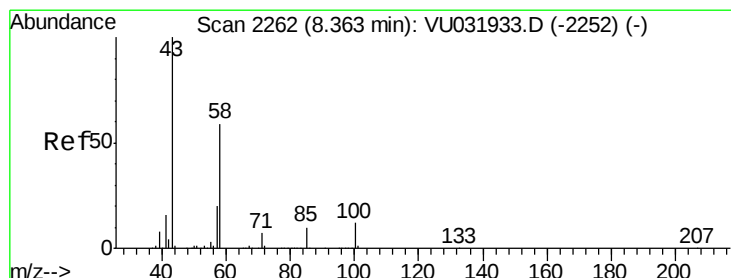
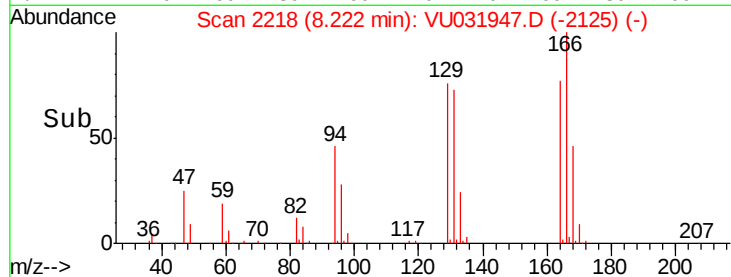
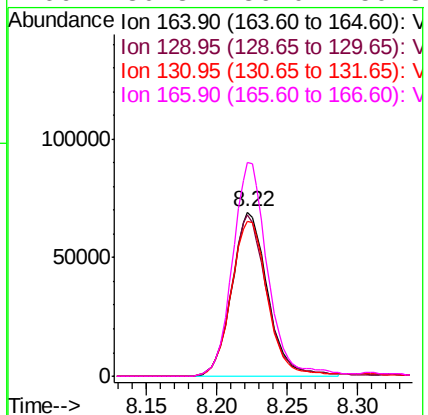
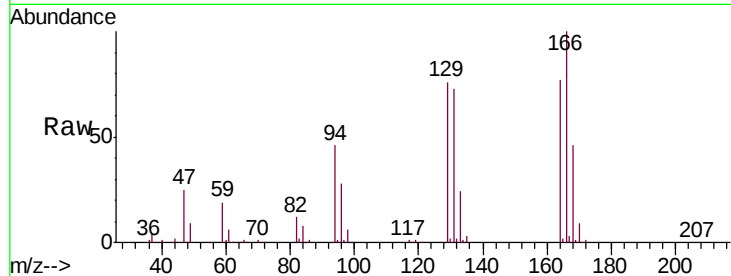




#47
Tetrachloroethene
Concen: 4.467 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031947.D
Acq: 12 May 2019 16:50

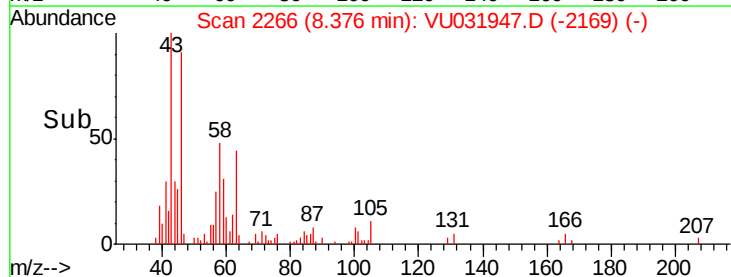
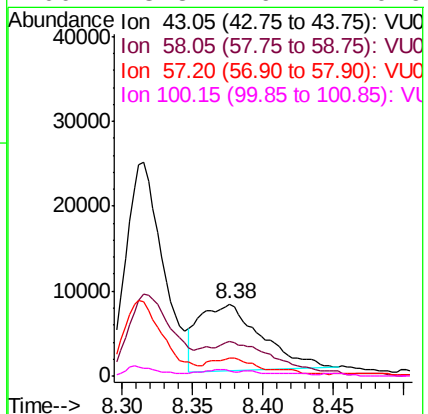
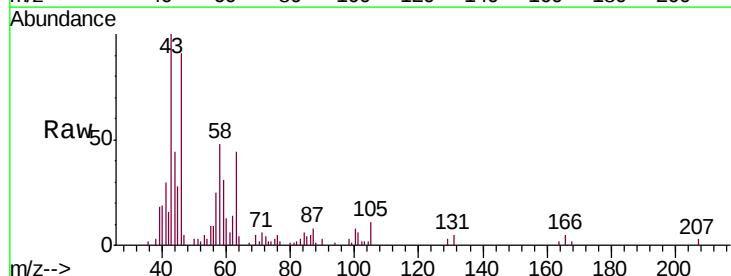
Instrument :
MSVOA_U
ClientSampleId :
F9D49

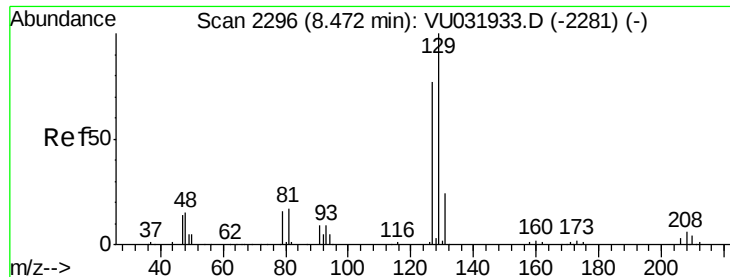
Tgt Ion:	164	Resp:	122839
Ion	Ratio	Lower	Upper
164	100		
129	98.5	70.3	130.5
131	94.6	65.4	121.4
166	130.3	86.0	159.8



#48
2-Hexanone
Concen: 1.048 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.01 min
Lab File: VU031947.D
Acq: 12 May 2019 16:50

Tgt Ion:	43	Resp:	24059
Ion	Ratio	Lower	Upper
43	100		
58	47.1	40.2	60.2
57	12.4	13.8	20.6#
100	3.8	6.4	9.6#





#49

Dibromochloromethane

Concen: 3.663 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU031947.D

Acq: 12 May 2019 16:50

Instrument :

MSVOA_U

ClientSampleId :

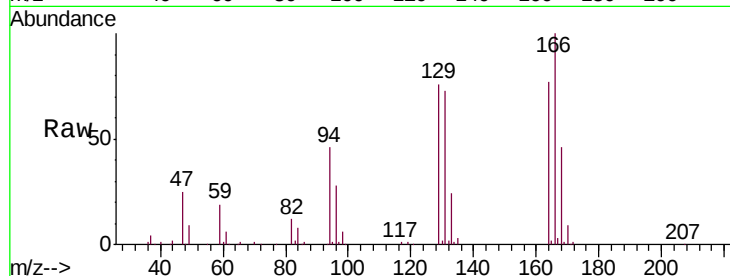
F9D49

Tgt Ion:129 Resp: 121168

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

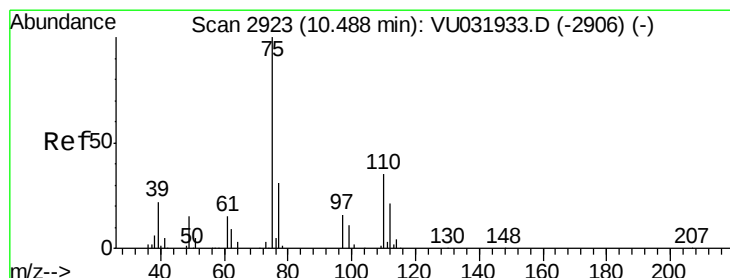
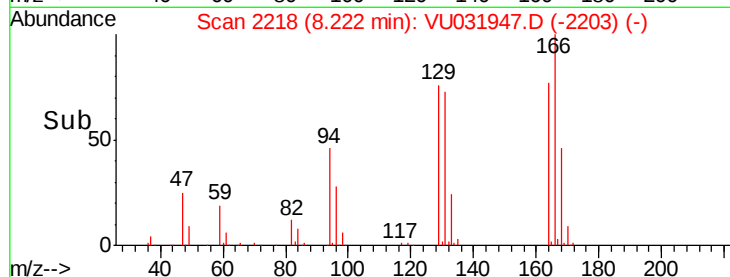
60000

40000

20000

0

Time--> 8.15 8.20 8.25 8.30 8.35



#59

1,2,3-Trichloropropane

Concen: 0.771 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031947.D

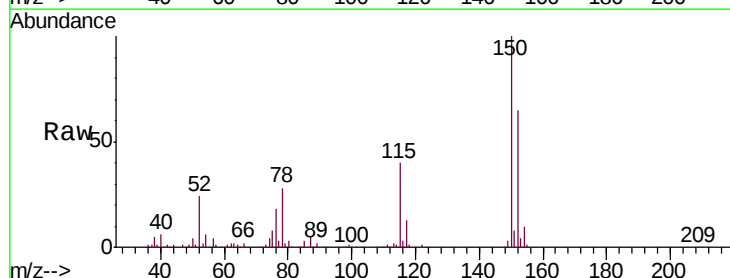
Acq: 12 May 2019 16:50

Tgt Ion: 75 Resp: 21904

Ion Ratio Lower Upper

75 100

77 40.2 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

10000

5000

0

Time--> 11.40 11.50

