

Data File : VU031499.D
Acq On : 25 Apr 2019 12:57
Operator : JC/SP
Sample : K2536-07DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X90DL

Quant Time: Apr 26 01:36:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 01:33:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	272947	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	279696	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98064	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	117699	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.68	69	95931	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	2.27	63	171364	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.40%
20) 2-Butanone-d5	4.21	46	339972	58.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.06%
24) Chloroform-d	4.64	84	208102	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.20%
26) 1,2-Dichloroethane-d4	5.31	65	115860	6.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.80%
32) Benzene-d6	5.33	84	382298	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.33	67	134512	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.56	98	299997	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.85	79	44626	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.31	63	205085	42.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106675	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	97815	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

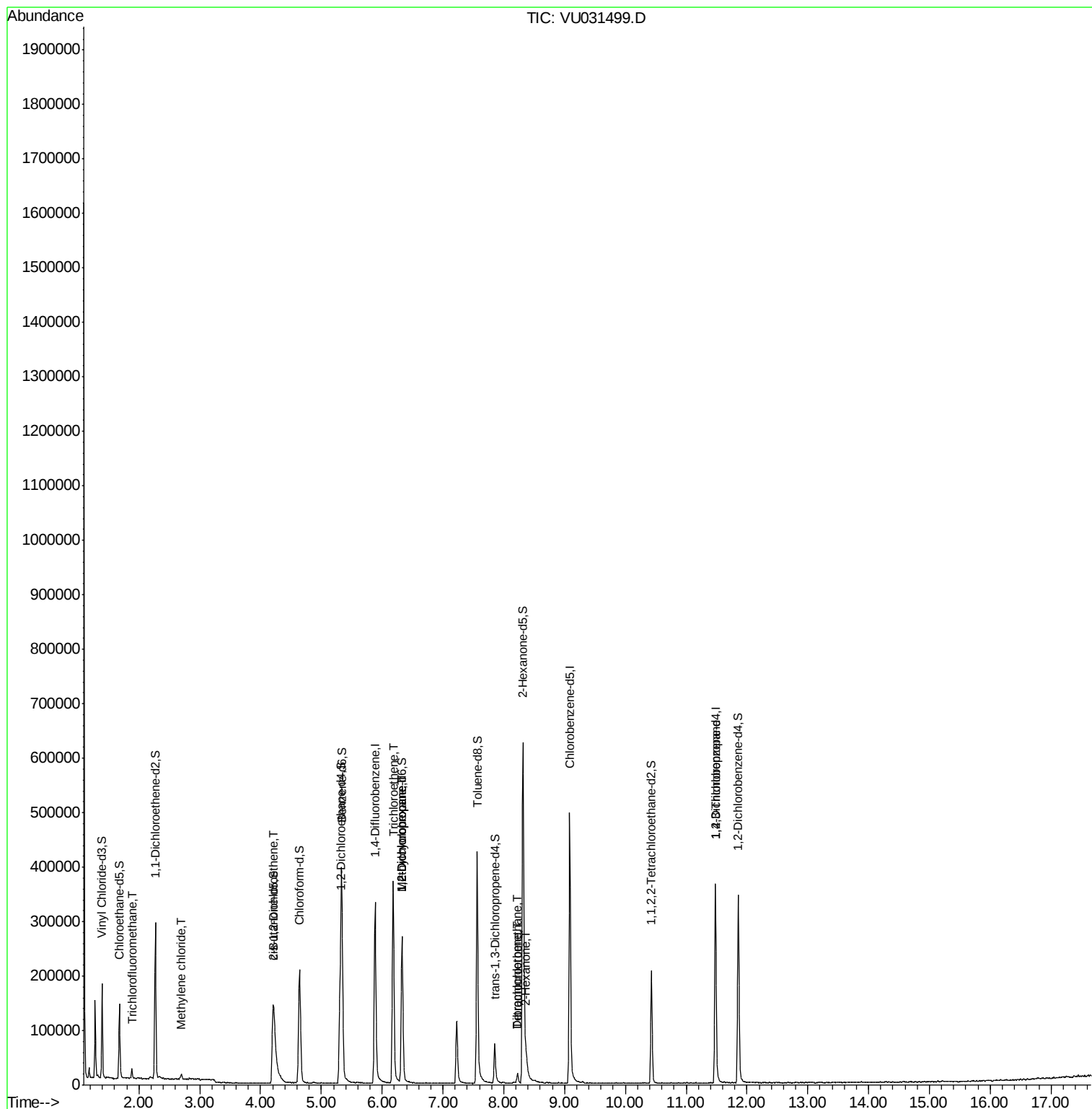
					Qvalue
9) Trichlorofluoromethane	1.88	101	8004	0.244 ug/L	100
16) Methylene chloride	2.70	84	3016	0.141 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	2391	0.116 ug/L	71
34) Trichloroethene	6.18	95	140121	6.152 ug/L	99
35) Methylcyclohexane	6.32	83	29387	0.872 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	14718	0.635 ug/L #	90
47) Tetrachloroethene	8.22	164	4281	0.269 ug/L	90
48) 2-Hexanone	8.38	43	21548	1.938 ug/L #	86
49) Dibromochloromethane	8.22	129	3976	0.225 ug/L #	9
59) 1,2,3-Trichloropropane	11.48	75	12554	0.860 ug/L	96

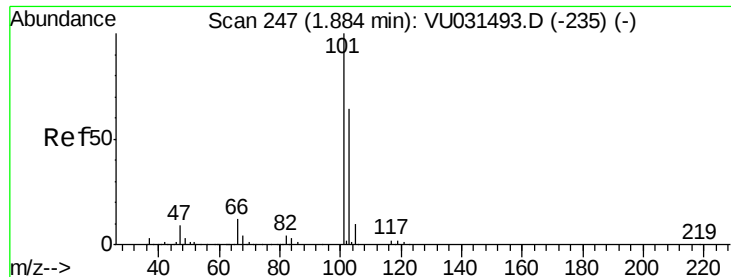
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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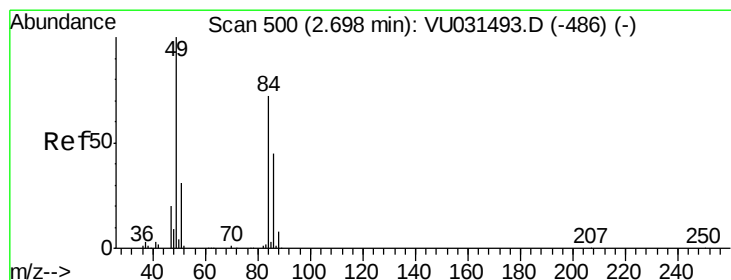
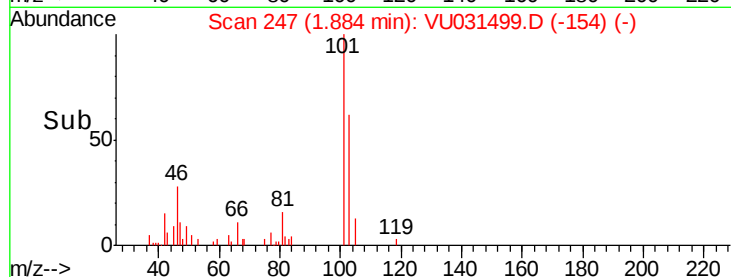
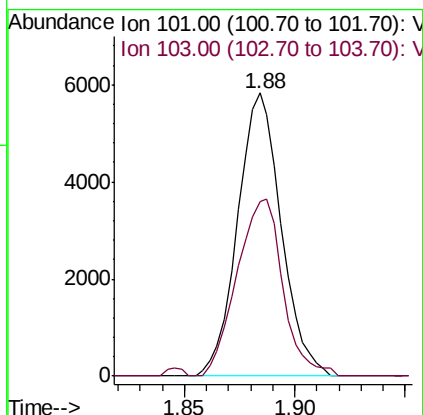
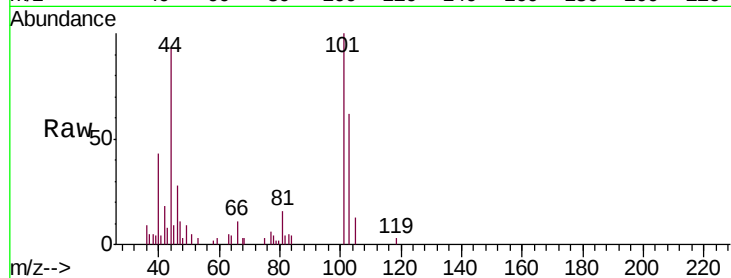


#9

Trichlorofluoromethane
 Concen: 0.244 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031499.D
 Acq: 25 Apr 2019 12:57

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X90DL

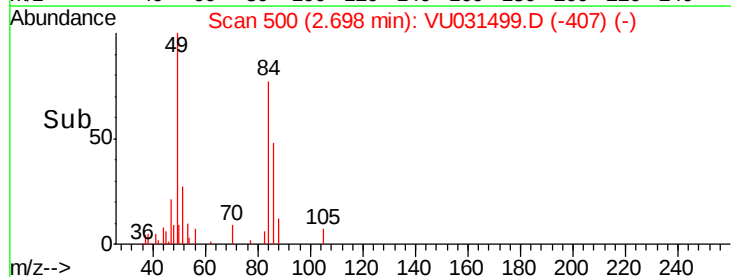
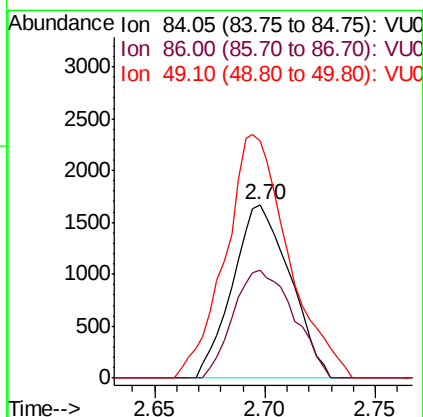
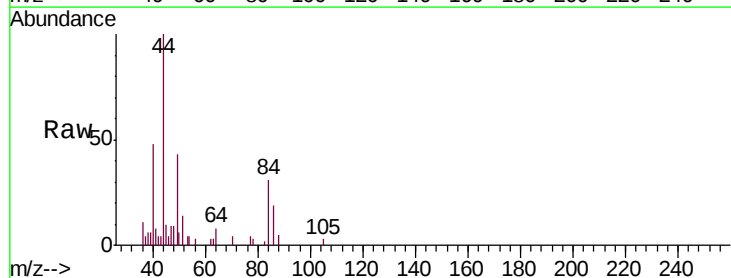
Tgt Ion: 101 Resp: 8004
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.7 79.1

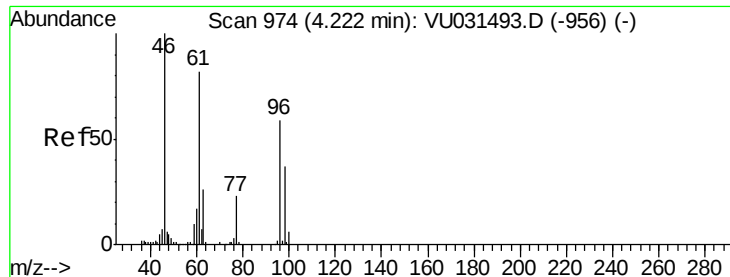


#16

Methylene chloride
 Concen: 0.141 ug/L
 RT: 2.70 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VU031499.D
 Acq: 25 Apr 2019 12:57

Tgt Ion: 84 Resp: 3016
 Ion Ratio Lower Upper
 84 100
 86 62.2 44.9 83.5
 49 136.7 92.9 172.5



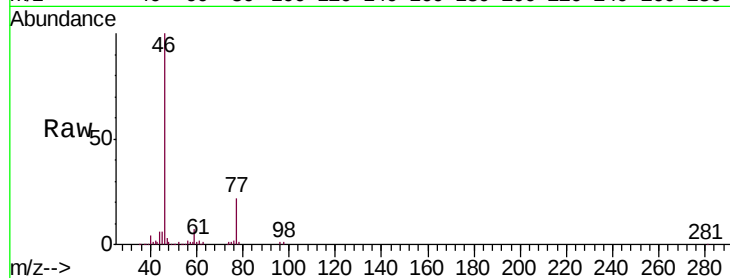


#22

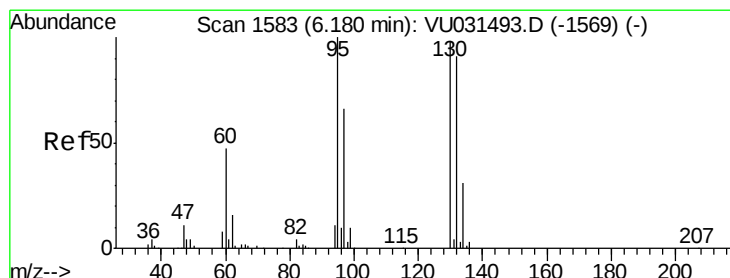
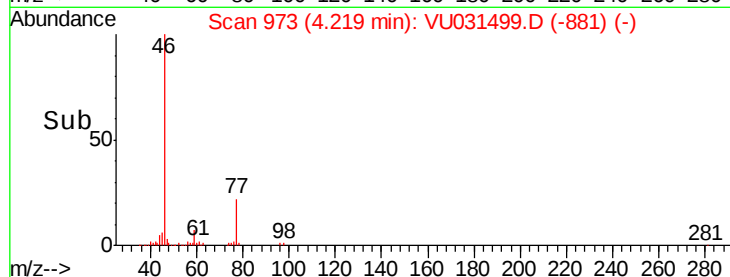
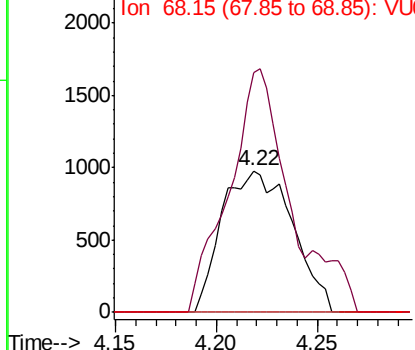
cis-1,2-Dichloroethene
Concen: 0.116 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031499.D
Acq: 25 Apr 2019 12:57

Instrument :
MSVOA_U
ClientSampleId :
C0X90DL

Tgt Ion: 96 Resp: 2391
Ion Ratio Lower Upper
96 100
61 169.6 94.8 176.2
68 0.0 0.0 0.0



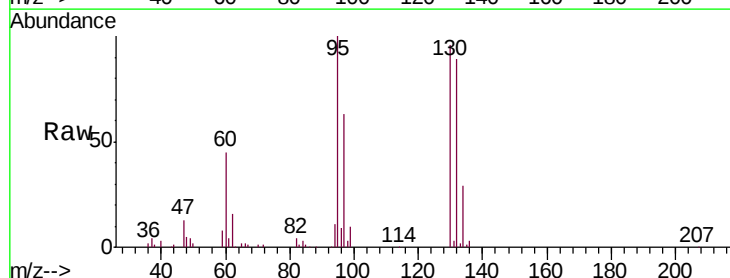
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



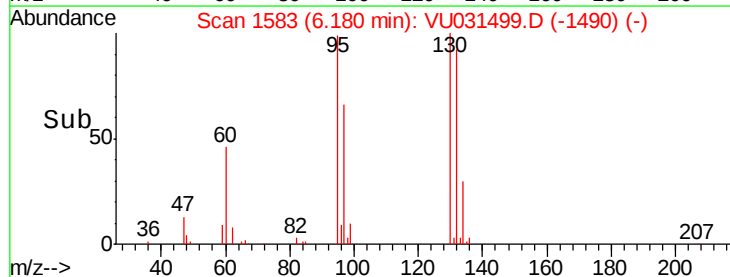
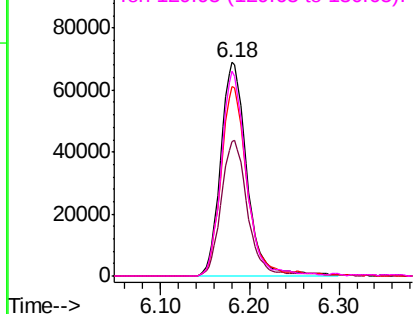
#34

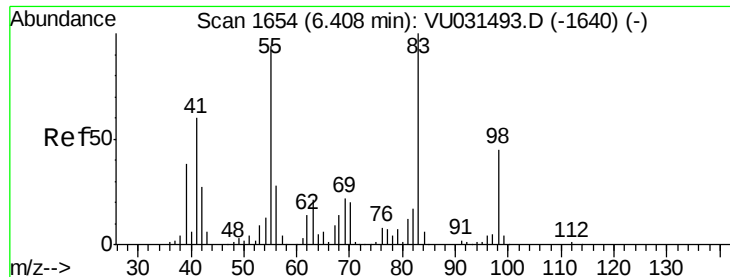
Trichloroethene
Concen: 6.152 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU031499.D
Acq: 25 Apr 2019 12:57

Tgt Ion: 95 Resp: 140121
Ion Ratio Lower Upper
95 100
97 63.2 44.3 82.3
132 88.6 59.9 111.3
130 95.8 67.1 124.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V





#35

Methylcyclohexane

Concen: 0.872 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU031499.D

Acq: 25 Apr 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

C0X90DL

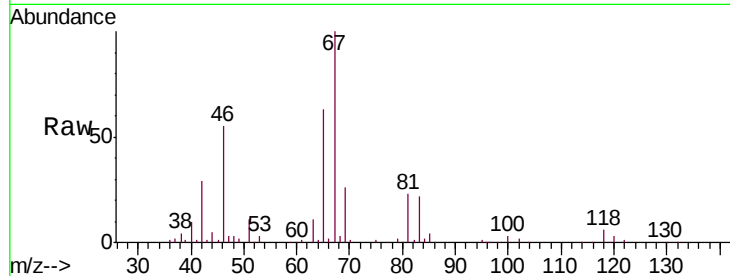
Tgt Ion: 83 Resp: 29387

Ion Ratio Lower Upper

83 100

55 0.1 71.1 106.7#

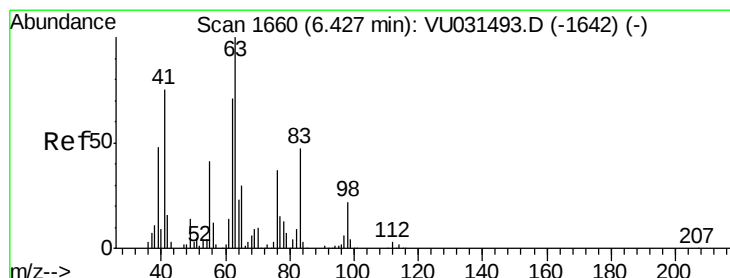
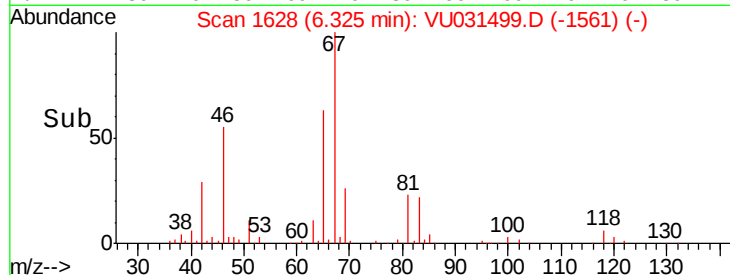
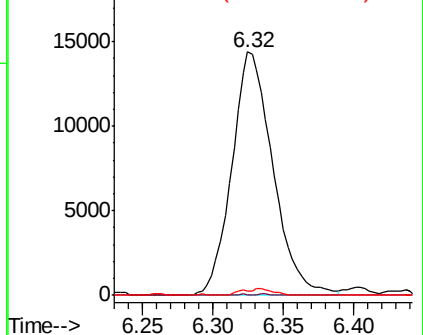
98 0.0 36.6 54.8#



Abundance Ion 83.15 (82.85 to 83.85): VU031499.D (-1640) (-)

Ion 55.10 (54.80 to 55.80): VU031499.D (-1640) (-)

Ion 98.15 (97.85 to 98.85): VU031499.D (-1640) (-)



#37

1,2-Dichloropropane

Concen: 0.635 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031499.D

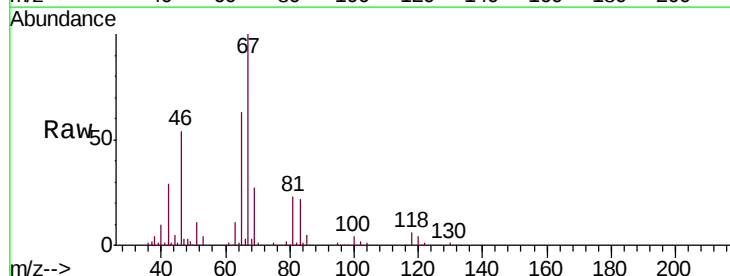
Acq: 25 Apr 2019 12:57

Tgt Ion: 63 Resp: 14718

Ion Ratio Lower Upper

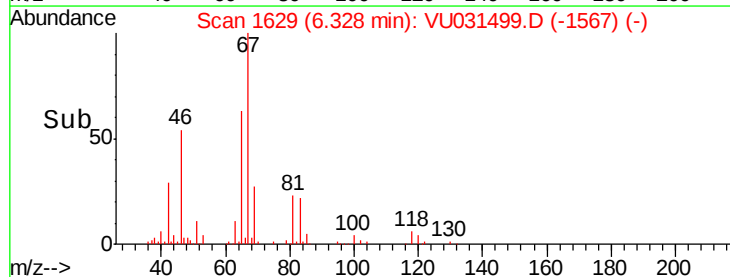
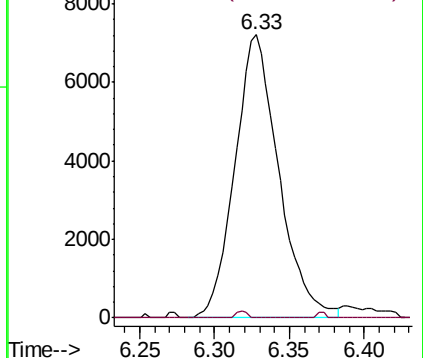
63 100

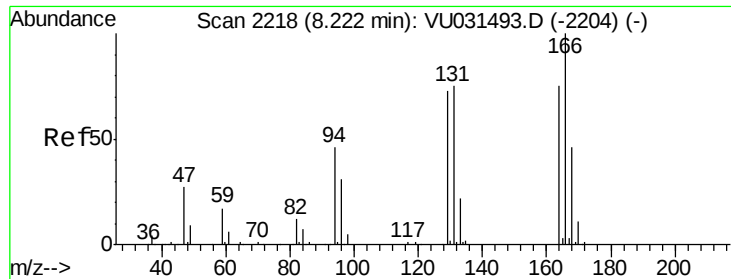
112 0.6 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU031499.D (-1561) (-)

Ion 112.10 (111.80 to 112.80): VU031499.D (-1561) (-)





#47

Tetrachloroethene

Concen: 0.269 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031499.D

Acq: 25 Apr 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

C0X90DL

Tgt Ion:164 Resp: 4281

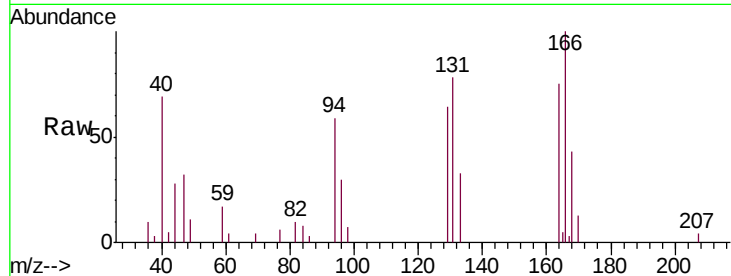
Ion Ratio Lower Upper

164 100

129 85.7 67.5 125.3

131 104.0 64.0 119.0

166 133.4 88.5 164.4

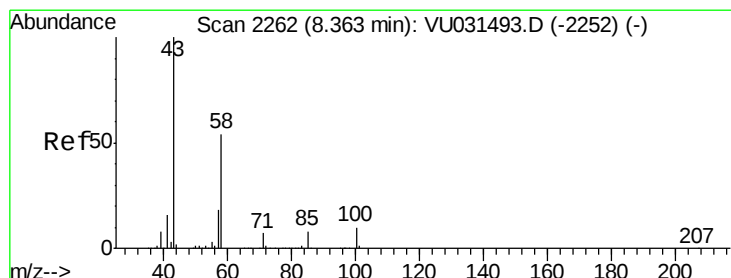
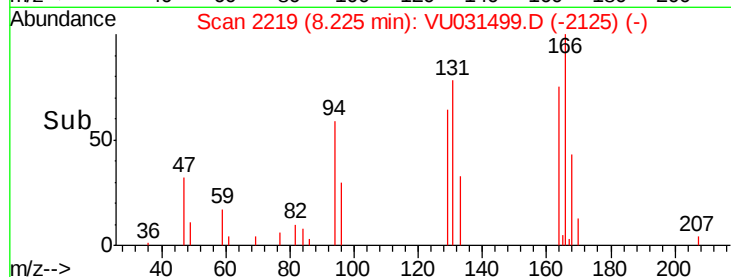
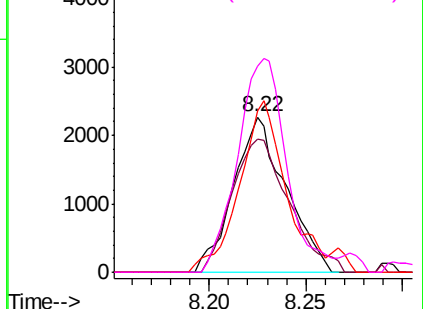


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.938 ug/L

RT: 8.38 min Scan# 2266

Delta R.T. 0.01 min

Lab File: VU031499.D

Acq: 25 Apr 2019 12:57

Tgt Ion: 43 Resp: 21548

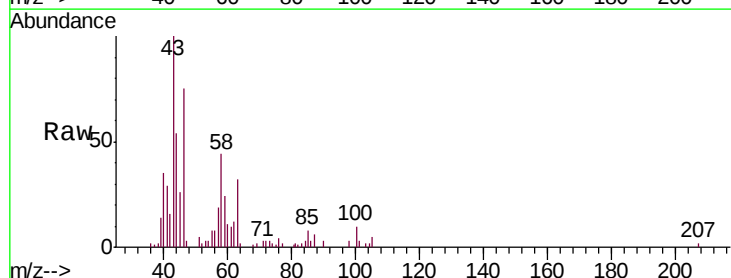
Ion Ratio Lower Upper

43 100

58 44.0 44.6 67.0#

57 22.8 15.3 22.9

100 5.3 8.3 12.5#

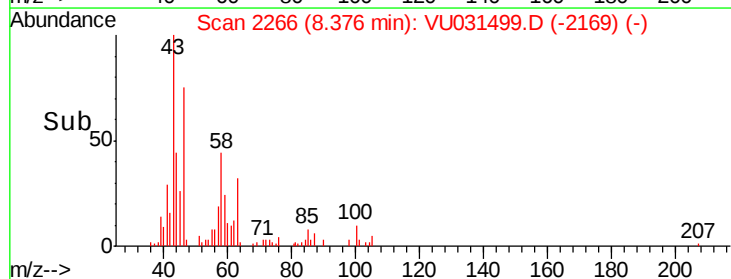
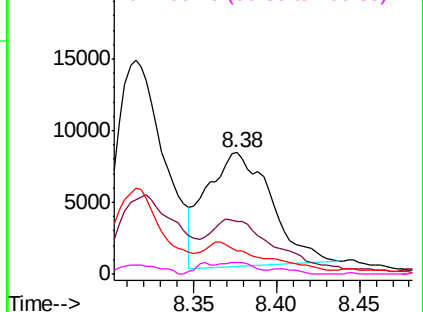


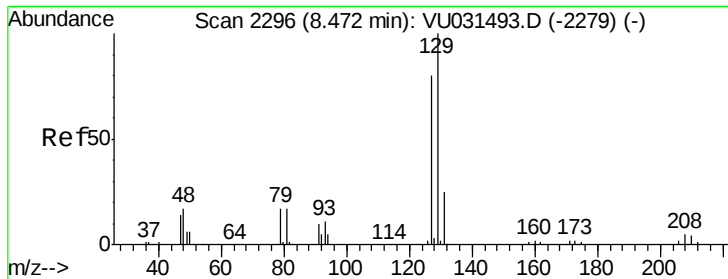
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#49

Dibromochloromethane

Concen: 0.225 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU031499.D

Acq: 25 Apr 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

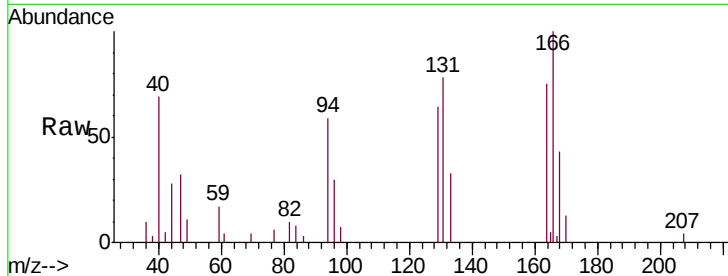
C0X90DL

Tgt Ion:129 Resp: 3976

Ion Ratio Lower Upper

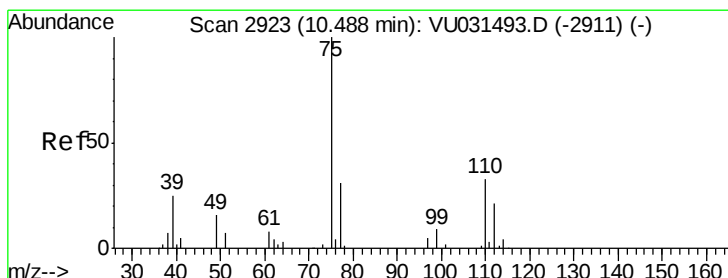
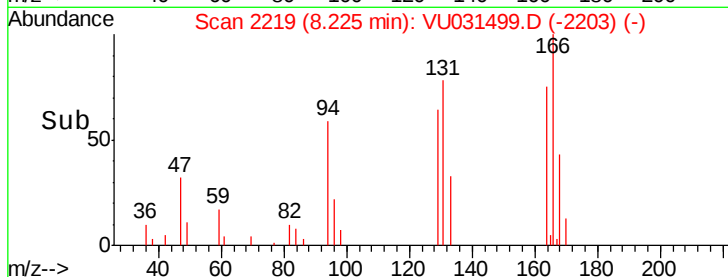
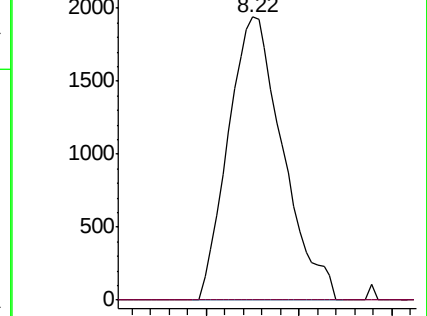
129 100

127 0.0 56.6 105.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.860 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031499.D

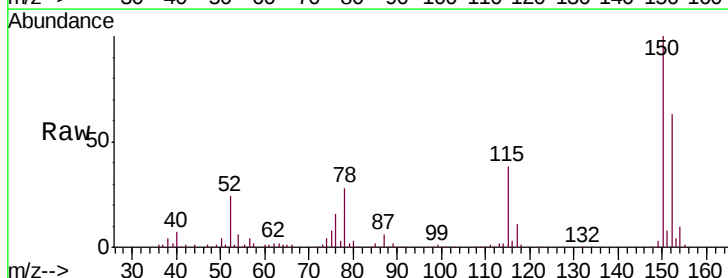
Acq: 25 Apr 2019 12:57

Tgt Ion: 75 Resp: 12554

Ion Ratio Lower Upper

75 100

77 34.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

