

Data File : VU031806.D
Acq On : 07 May 2019 15:51
Operator : JC/SP
Sample : K2690-24
Misc : 6.29g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5168

Quant Time: May 08 06:52:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 06:47:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	719452	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	666536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	277616	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	192732	32.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.02%
7) Chloroethane-d5	1.67	69	144838	31.13	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.26%#
11) 1,1-Dichloroethene-d2	2.24	63	307672	25.66	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.32%#
21) 2-Butanone-d5	4.21	46	512714	93.98	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.98%
24) Chloroform-d	4.64	84	446554	40.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.98%
26) 1,2-Dichloroethane-d4	5.30	65	336870	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
32) Benzene-d6	5.33	84	815747	39.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.72%
36) 1,2-Dichloropropane-d6	6.33	67	322360	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.54%
41) Toluene-d8	7.56	98	648627	36.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.76%#
43) trans-1,3-Dichloropropene-	7.85	79	126710	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.98%
47) 2-Hexanone-d5	8.33	63	329324	105.66	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.66%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	422210	43.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	228946	39.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.42%#

Target Compounds

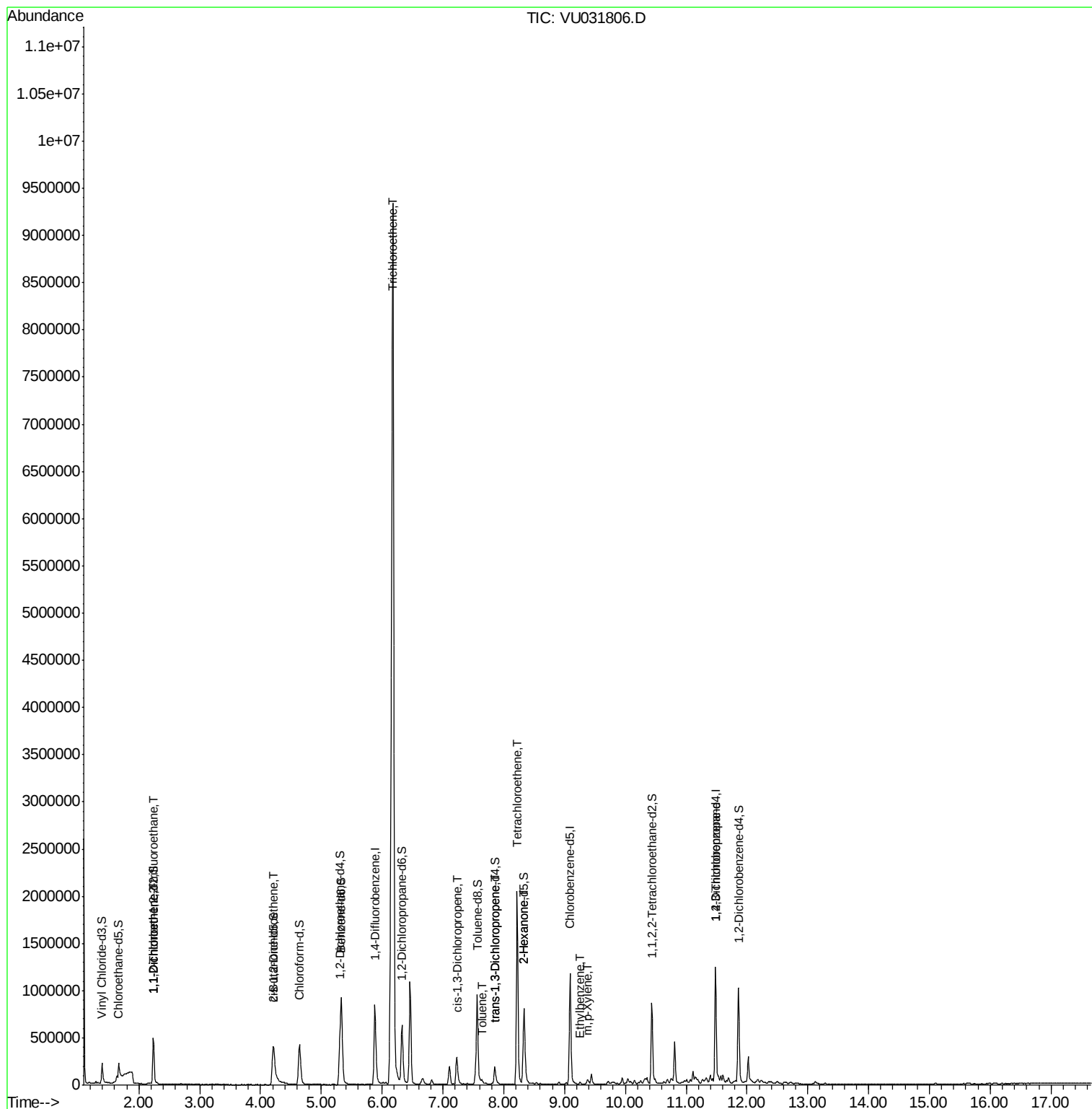
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	3363	0.583	ug/L #	51
12) 1,1-Dichloroethene	2.25	96	3312	0.590	ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	135661	21.623	ug/L	89
34) Trichloroethene	6.18	95	3240414	545.497	ug/L	93
39) cis-1,3-Dichloropropene	7.22	75	7878	0.857	ug/L #	75
42) Toluene	7.64	91	22217	0.910	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	5214	0.625	ug/L #	67
46) Tetrachloroethene	8.22	164	433259	106.985	ug/L	96
48) 2-Hexanone	8.33	43	53749	6.209	ug/L #	67
52) Ethylbenzene	9.26	91	13979	0.552	ug/L	90
53) m,p-Xylene	9.38	106	13318	1.510	ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	42211	5.117	ug/L	90

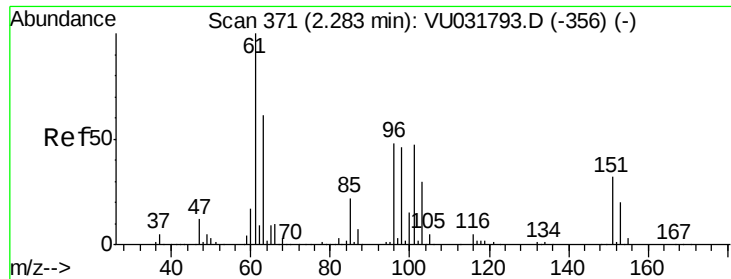
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.583 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.04 min

Lab File: VU031806.D

Acq: 07 May 2019 15:51

Instrument :

MSVOA_U

ClientSampled :

A5168

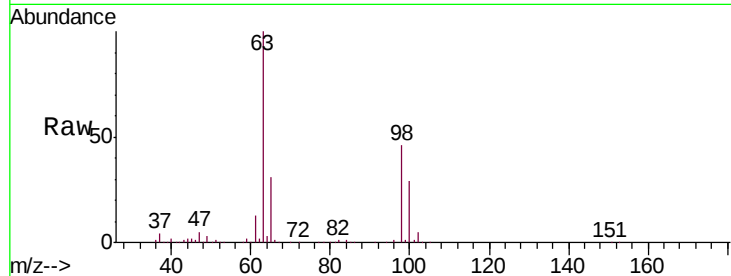
Tgt Ion: 101 Resp: 3363

Ion Ratio Lower Upper

101 100

85 26.9 36.1 54.1#

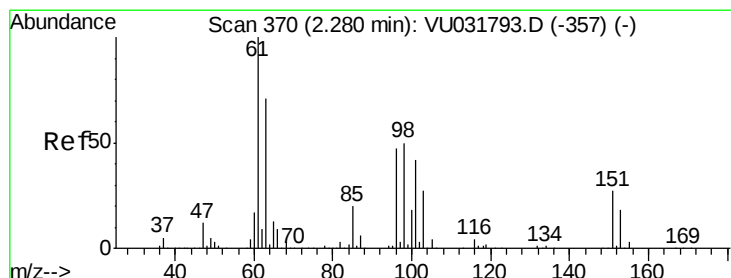
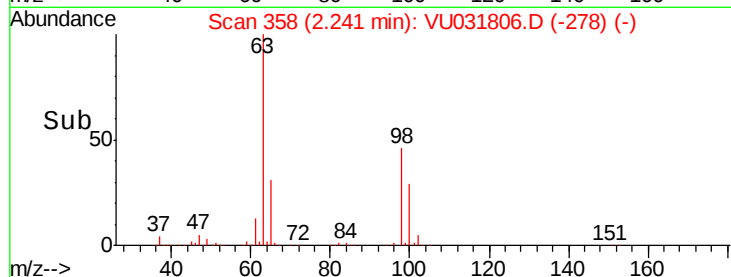
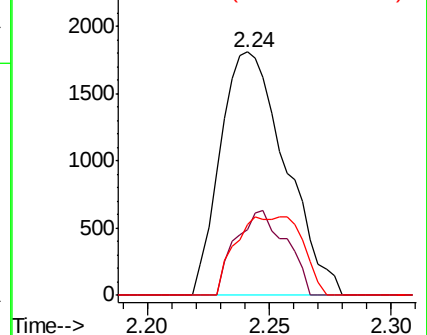
151 18.8 56.1 84.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.590 ug/L

RT: 2.25 min Scan# 360

Delta R.T. -0.03 min

Lab File: VU031806.D

Acq: 07 May 2019 15:51

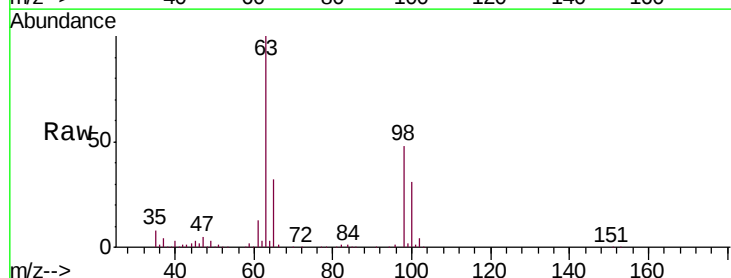
Tgt Ion: 96 Resp: 3312

Ion Ratio Lower Upper

96 100

61 996.0 135.0 250.6#

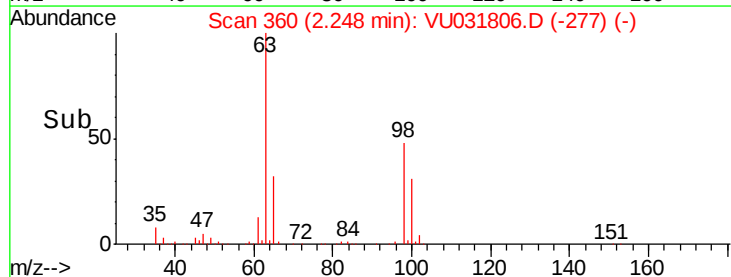
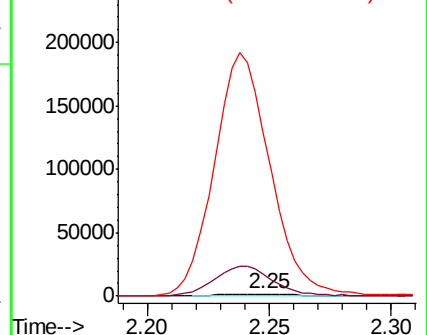
63 7449.8 103.5 192.3#

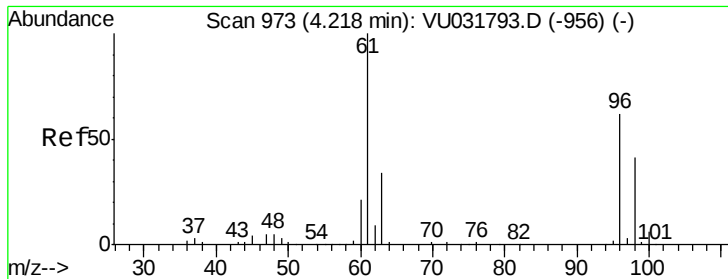


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

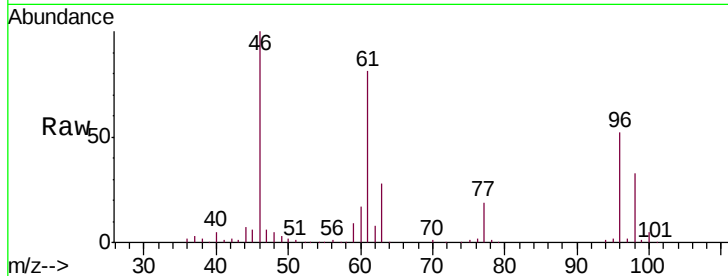




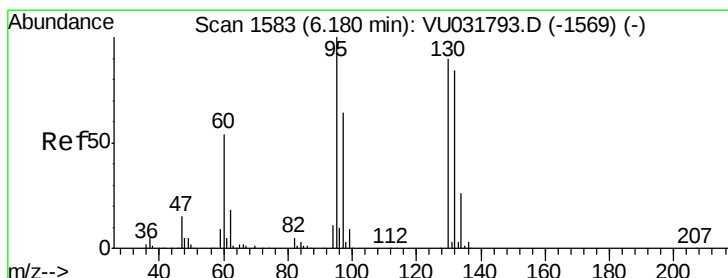
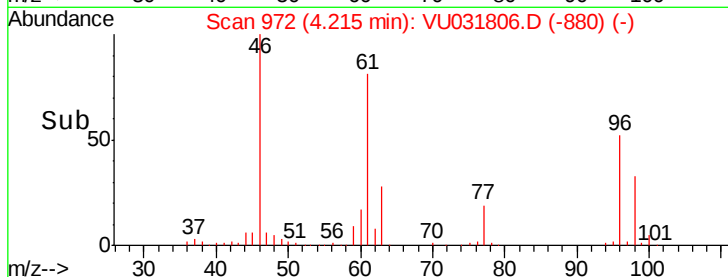
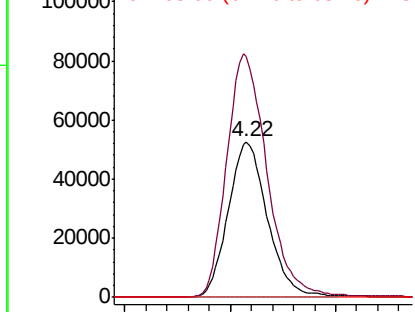
#20
 cis-1,2-Dichloroethene
 Concen: 21.623 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU031806.D
 Acq: 07 May 2019 15:51

Instrument :
 MSVOA_U
 ClientSampled :
 A5168

Tgt Ion: 96 Resp: 135661
 Ion Ratio Lower Upper
 96 100
 61 155.3 99.5 184.7
 68 0.0 0.0 0.0

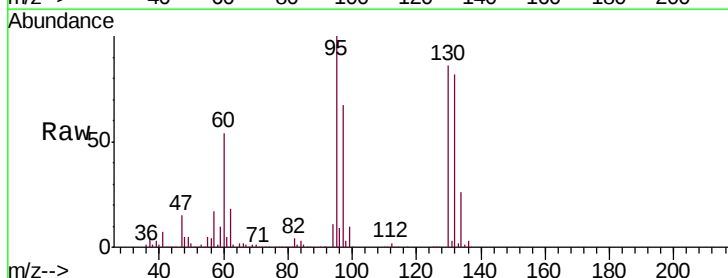


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

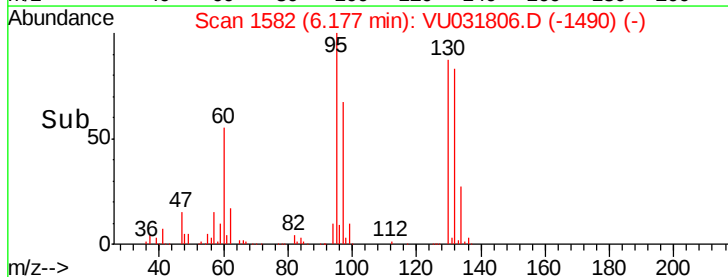
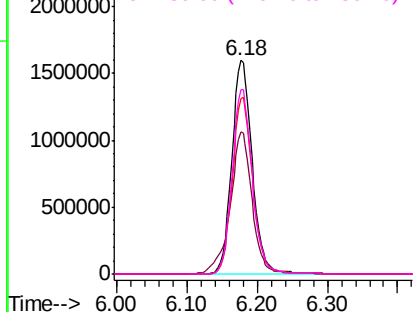


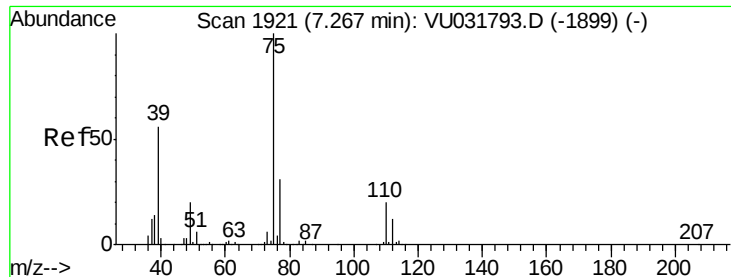
#34
 Trichloroethene
 Concen: 545.497 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VU031806.D
 Acq: 07 May 2019 15:51

Tgt Ion: 95 Resp: 3240414
 Ion Ratio Lower Upper
 95 100
 97 66.5 44.8 83.2
 132 82.2 63.1 117.1
 130 86.4 66.5 123.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

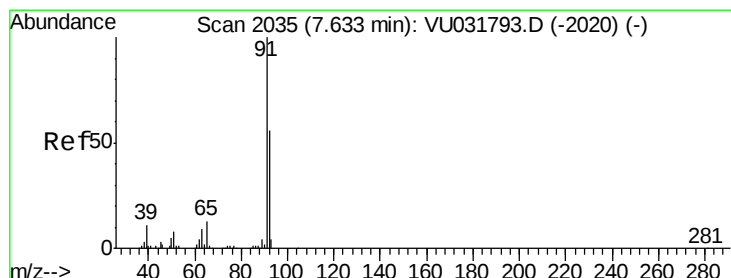
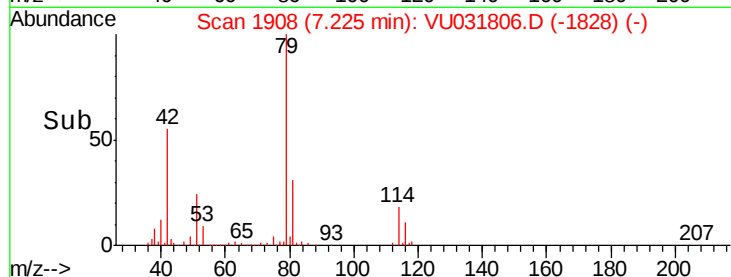
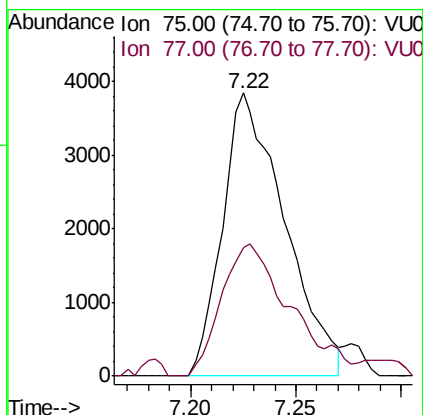
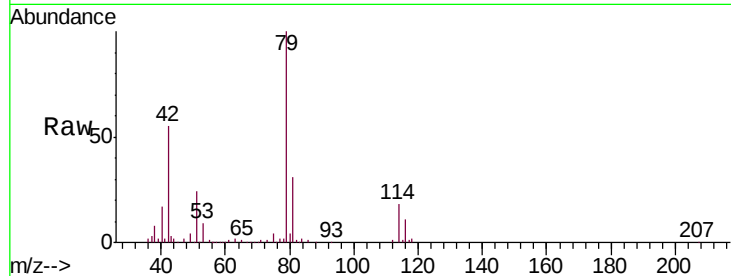




#39
 cis-1,3-Dichloropropene
 Concen: 0.857 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU031806.D
 Acq: 07 May 2019 15:51

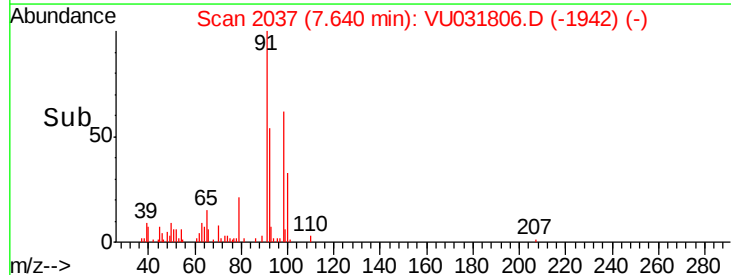
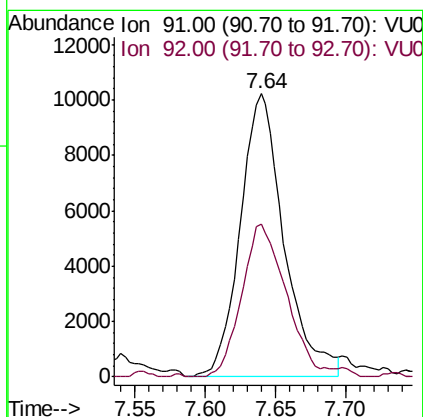
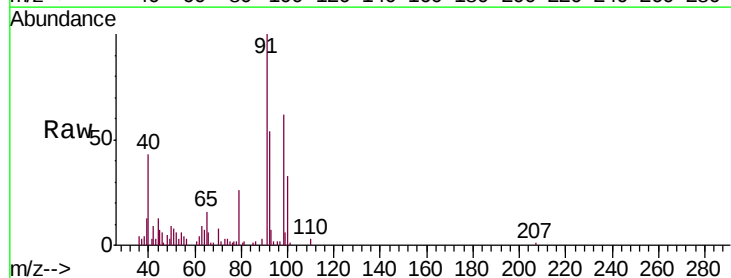
Instrument :
 MSVOA_U
 ClientSampleId :
 A5168

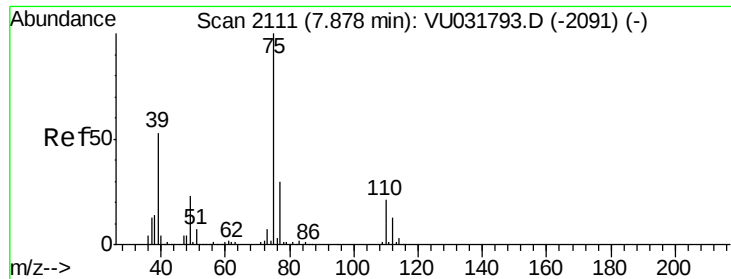
Tgt Ion: 75 Resp: 7878
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.1 41.1#



#42
 Toluene
 Concen: 0.910 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VU031806.D
 Acq: 07 May 2019 15:51

Tgt Ion: 91 Resp: 22217
 Ion Ratio Lower Upper
 91 100
 92 53.9 39.0 72.4

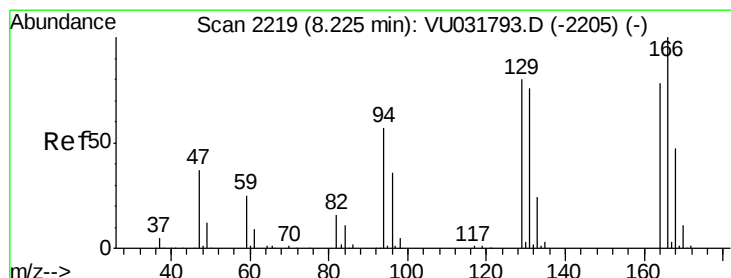
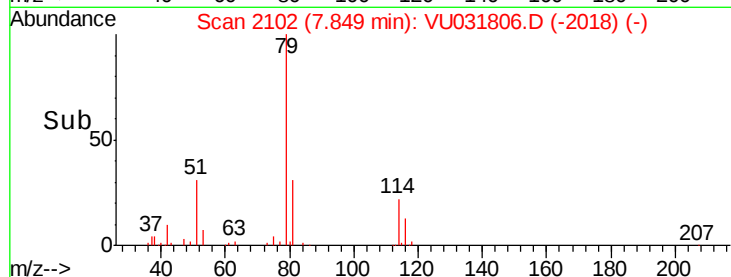
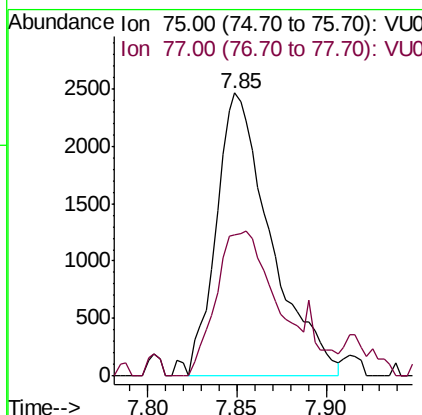
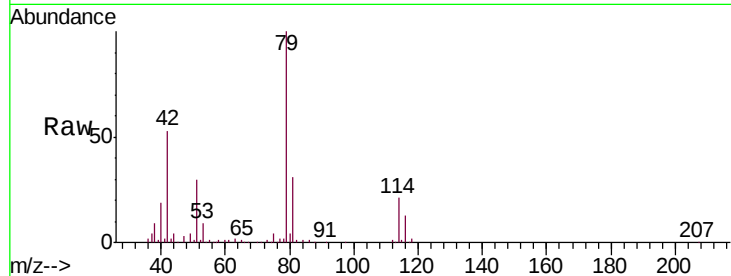




#44
trans-1,3-Dichloropropene
Concen: 0.625 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031806.D
Acq: 07 May 2019 15:51

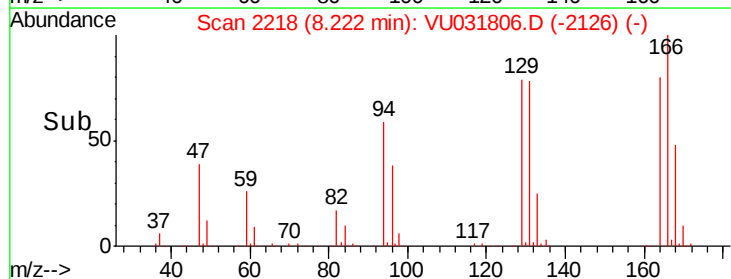
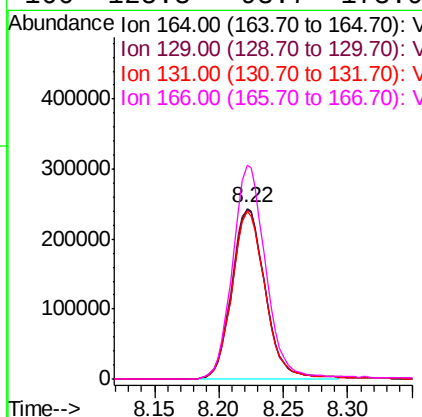
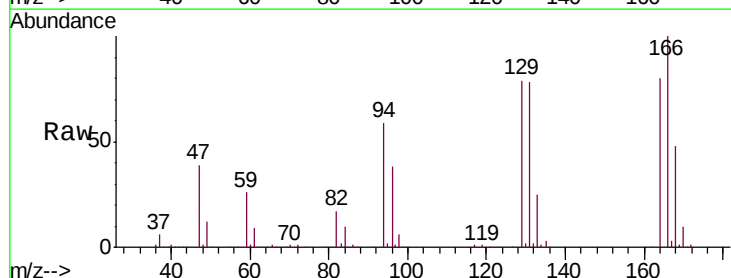
Instrument :
MSVOA_U
ClientSampled :
A5168

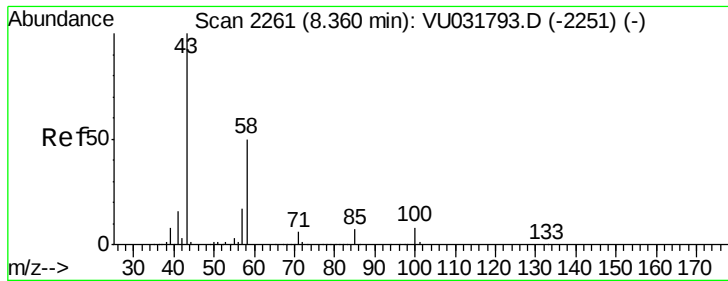
Tgt Ion: 75 Resp: 5214
Ion Ratio Lower Upper
75 100
77 49.9 22.1 41.1#



#46
Tetrachloroethene
Concen: 106.985 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031806.D
Acq: 07 May 2019 15:51

Tgt Ion: 164 Resp: 433259
Ion Ratio Lower Upper
164 100
129 99.5 71.5 132.9
131 98.3 69.0 128.2
166 125.3 93.7 173.9

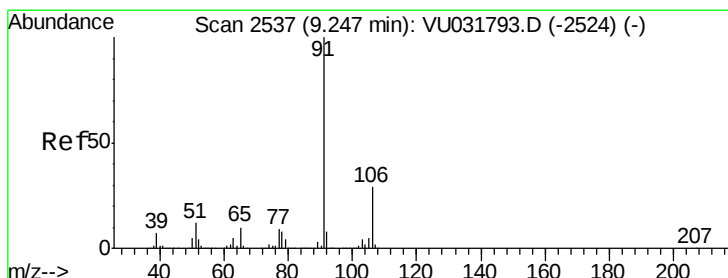
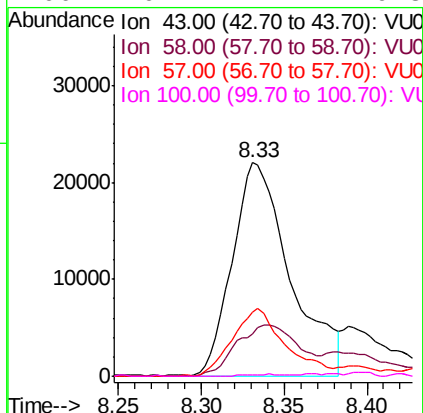
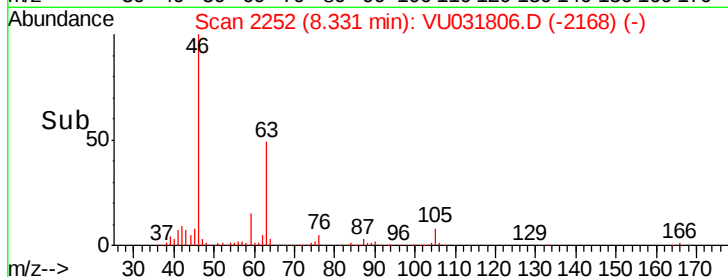
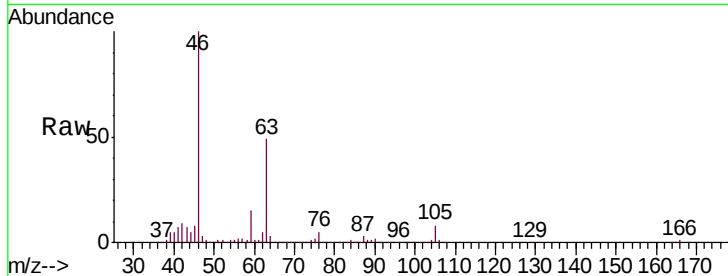


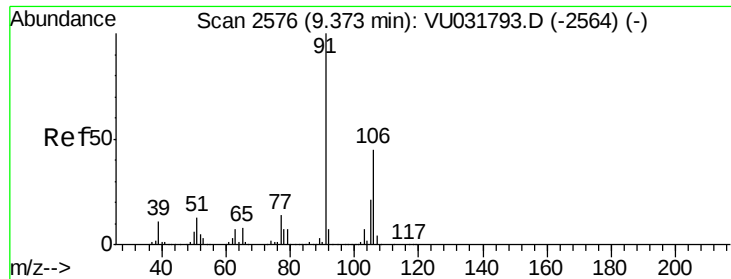


#48
2-Hexanone
Concen: 6.209 ug/L
RT: 8.33 min Scan# 2252
Delta R.T. -0.03 min
Lab File: VU031806.D
Acq: 07 May 2019 15:51

Instrument :
MSVOA_U
ClientSampleId :
A5168

Tgt Ion: 43 Resp: 53749
Ion Ratio Lower Upper
43 100
58 25.5 42.1 63.1#
57 28.7 14.6 22.0#
100 0.4 7.2 10.8#





#53

m,p-Xylene

Concen: 1.510 ug/L

RT: 9.38 min Scan# 2578

Delta R.T. 0.01 min

Lab File: VU031806.D

Acq: 07 May 2019 15:51

Instrument :

MSVOA_U

ClientSampleId :

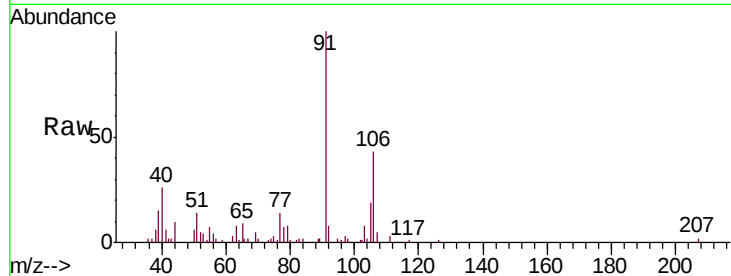
A5168

Tgt Ion:106 Resp: 13318

Ion Ratio Lower Upper

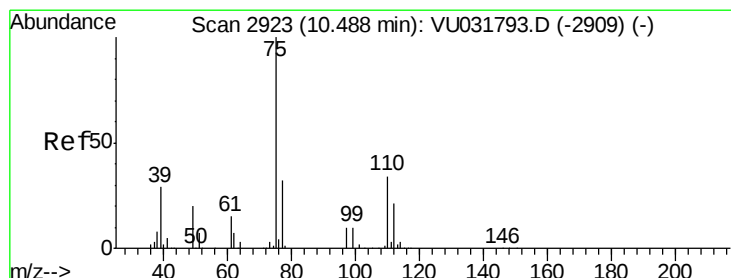
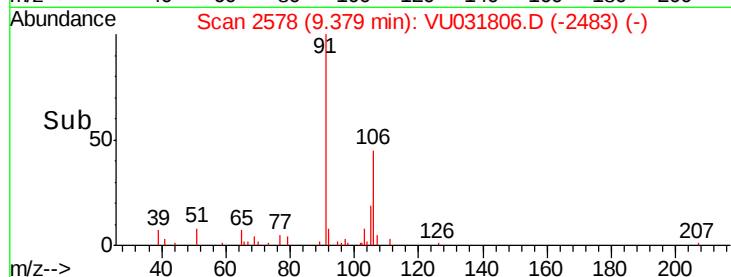
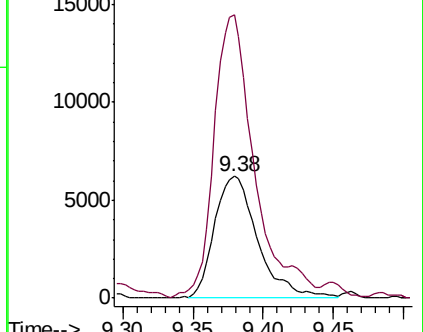
106 100

91 232.9 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): VU031793.D (-2564) (-)

Ion 91.00 (90.70 to 91.70): VU031793.D (-2564) (-)



#59

1,2,3-Trichloropropane

Concen: 5.117 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031806.D

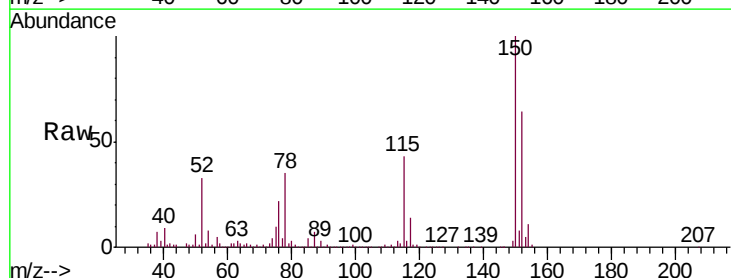
Acq: 07 May 2019 15:51

Tgt Ion: 75 Resp: 42211

Ion Ratio Lower Upper

75 100

77 37.9 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU031793.D (-2909) (-)

Ion 77.00 (76.70 to 77.70): VU031793.D (-2909) (-)

