

Data File : VU032519.D
Acq On : 07 Jun 2019 00:35
Operator : JC/SP
Sample : K3215-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8J0

Quant Time: Jun 07 07:04:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	201974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190327	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40298	30.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.50%
7) Chloroethane-d5	1.68	69	38043	36.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.26%
11) 1,1-Dichloroethene-d2	2.27	63	65680	25.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.20%#
21) 2-Butanone-d5	4.17	46	110192	100.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.48%
24) Chloroform-d	4.64	84	104544	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.56%
26) 1,2-Dichloroethane-d4	5.30	65	71148	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
32) Benzene-d6	5.33	84	211750	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
36) 1,2-Dichloropropane-d6	6.32	67	70233	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.66%
41) Toluene-d8	7.56	98	197864	42.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.46%
43) trans-1,3-Dichloropropene-	7.85	79	32175	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.78%
47) 2-Hexanone-d5	8.31	63	74179	98.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109024	48.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	90834	48.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.76%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.27	96	795	0.663 ug/L #	1
13) Acetone	2.32	43	1677	1.482 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	4016	3.092 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	113752	77.394 ug/L	99
33) Benzene	5.39	78	25194	4.711 ug/L	100
34) Trichloroethene	6.18	95	94127	64.697 ug/L	98
37) 1,2-Dichloropropane	6.32	63	7809	5.509 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2028	0.907 ug/L #	65
40) 4-Methyl-2-pentanone	7.47	43	1295	0.568 ug/L #	78
44) trans-1,3-Dichloropropene	7.84	75	1427	0.719 ug/L	99
45) 1,1,2-Trichloroethane	8.22	97	468	0.349 ug/L #	1
46) Tetrachloroethene	8.22	164	66189	55.084 ug/L	97
48) 2-Hexanone	8.37	43	4701	2.510 ug/L #	74
51) Chlorobenzene	9.12	112	81249	21.533 ug/L	99
52) Ethylbenzene	9.25	91	3754	0.575 ug/L	98
54) o-xylene	9.77	106	2690	1.091 ug/L	74
56) Isopropylbenzene	10.16	105	16298	2.508 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Quantitation Report (Not Reviewed)

Data File : VU032519.D
Acq On : 07 Jun 2019 00:35
Operator : JC/SP
Sample : K3215-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8J0

Quant Time: Jun 07 07:04:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

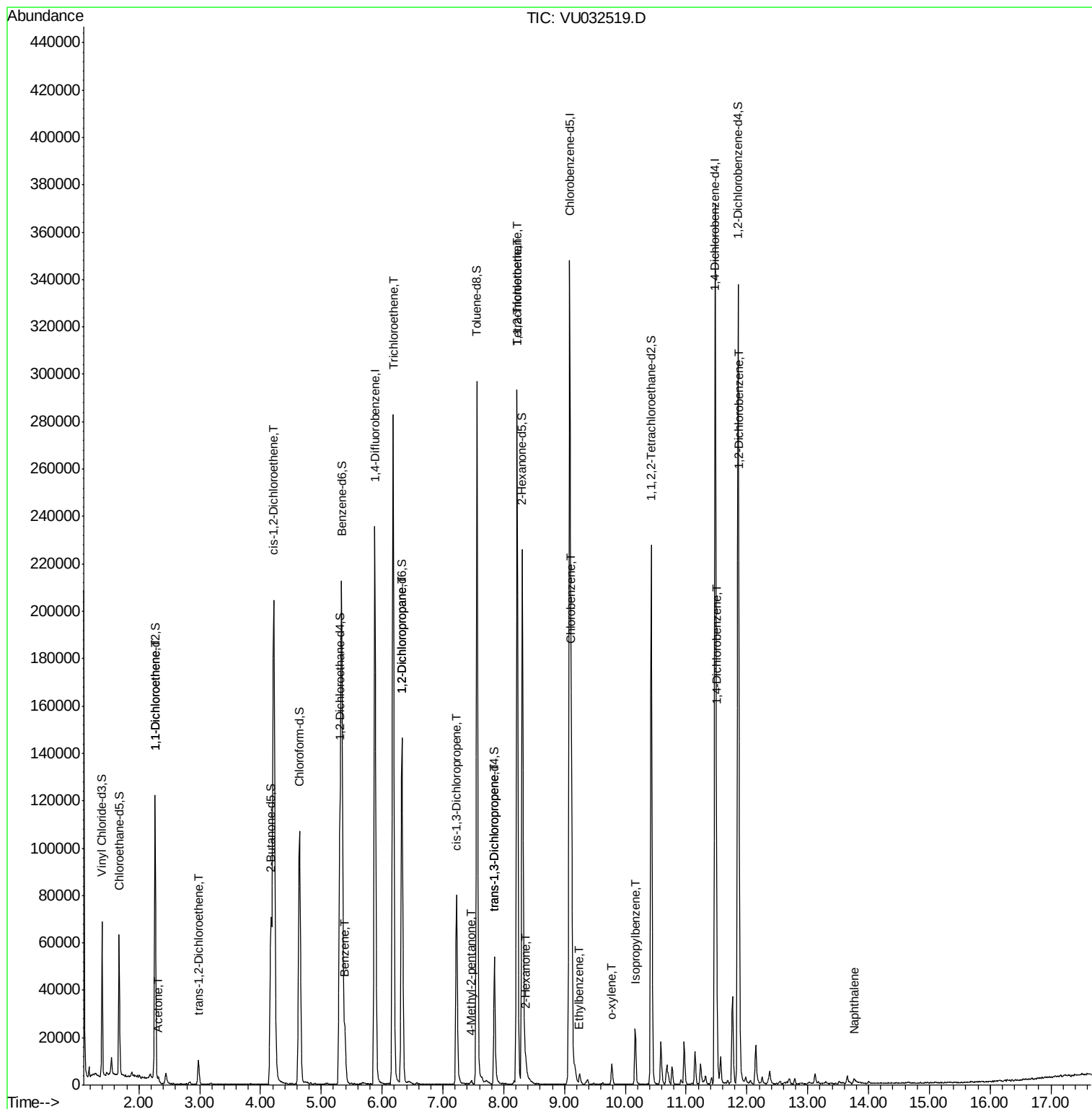
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,4-Dichlorobenzene	11.50	146	14709	4.851	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	13876	4.628	ug/L	92
69) Naphthalene	13.76	128	2473	0.401	ug/L #	91

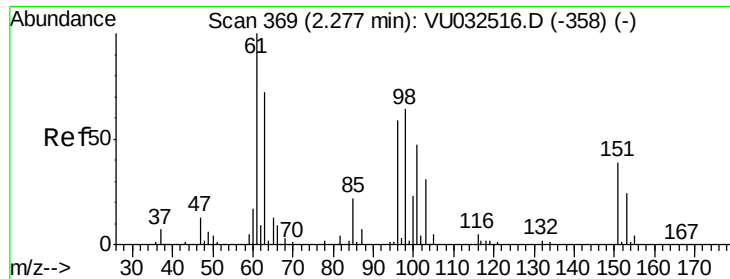
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032519.D
Acq On : 07 Jun 2019 00:35
Operator : JC/SP
Sample : K3215-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8J0

Quant Time: Jun 07 07:04:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.663 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032519.D

Acq: 07 Jun 2019 00:35

Instrument :

MSVOA_U

ClientSampled :

DB8J0

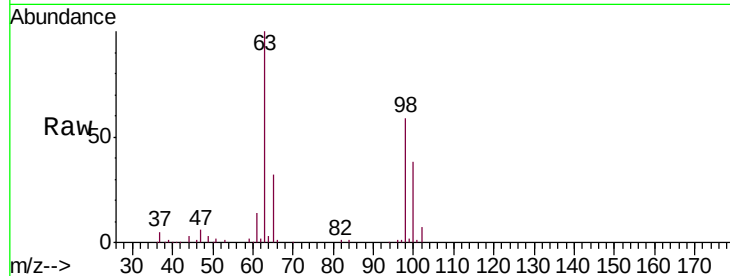
Tgt Ion: 96 Resp: 795

Ion Ratio Lower Upper

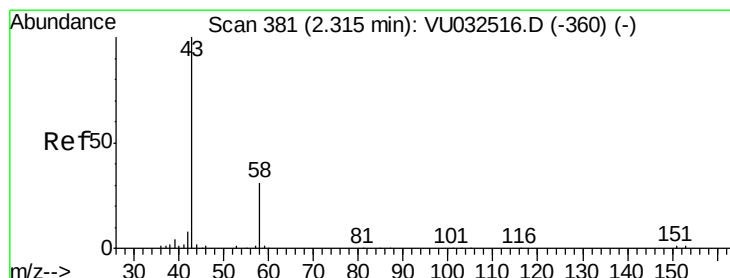
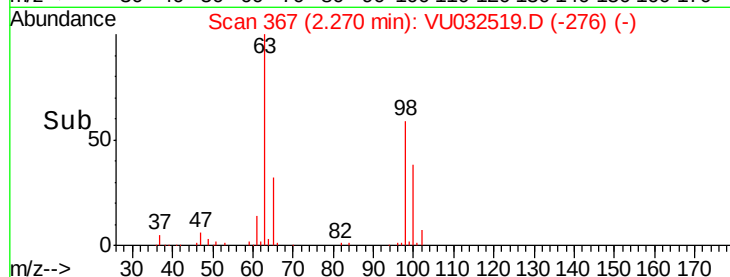
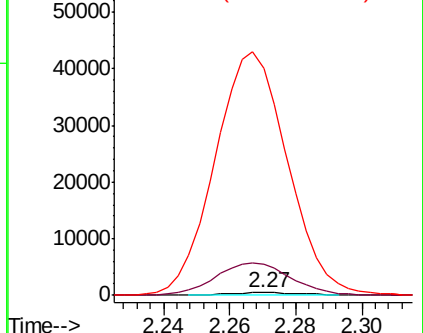
96 100

61 1140.4 129.5 240.5#

63 8291.5 103.4 192.0#



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



#13

Acetone

Concen: 1.482 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032519.D

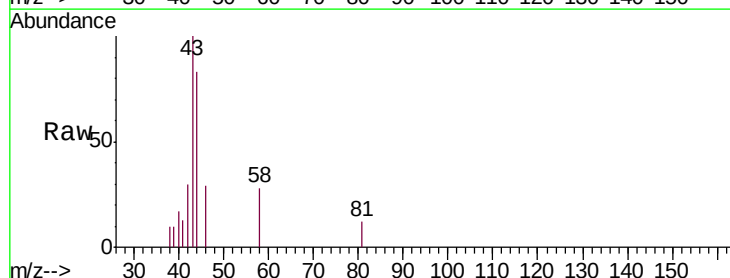
Acq: 07 Jun 2019 00:35

Tgt Ion: 43 Resp: 1677

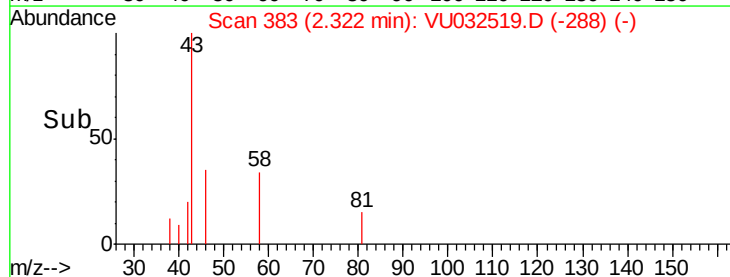
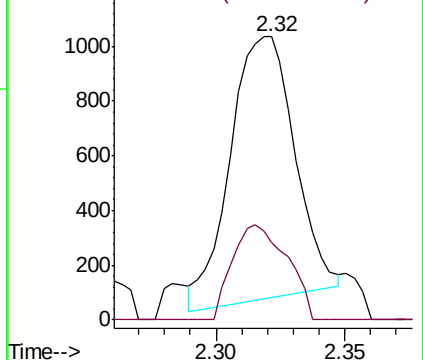
Ion Ratio Lower Upper

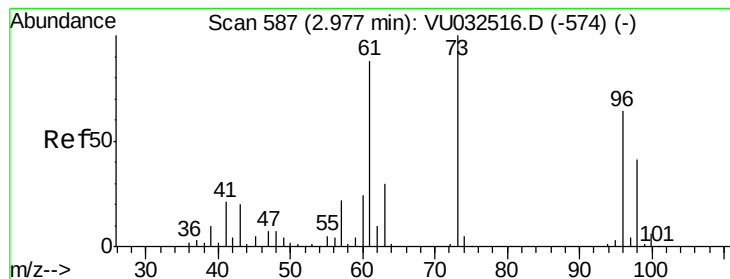
43 100

58 30.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 3.092 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032519.D

Acq: 07 Jun 2019 00:35

Instrument :

MSVOA_U

ClientSampleId :

DB8J0

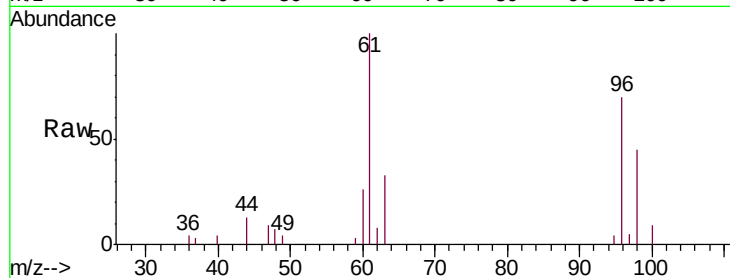
Tgt Ion: 96 Resp: 4016

Ion Ratio Lower Upper

96 100

61 142.3 95.7 177.7

98 63.6 44.0 81.6

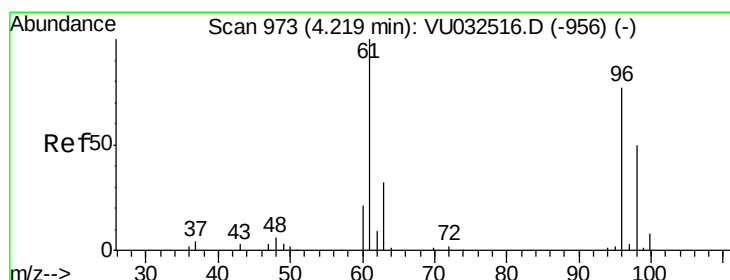
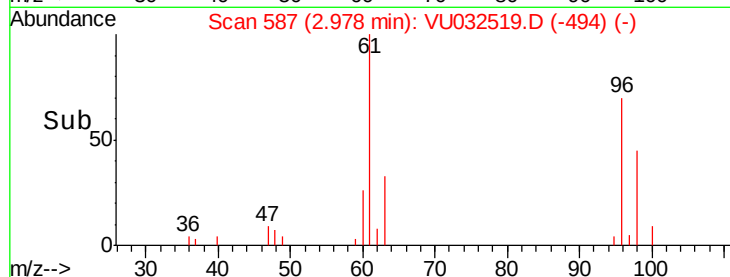
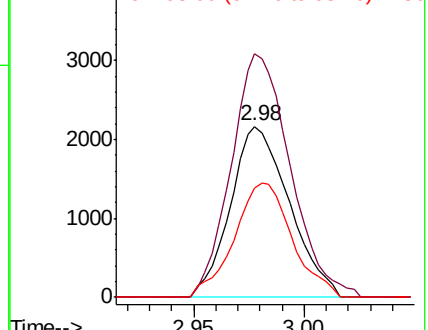


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 77.394 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU032519.D

Acq: 07 Jun 2019 00:35

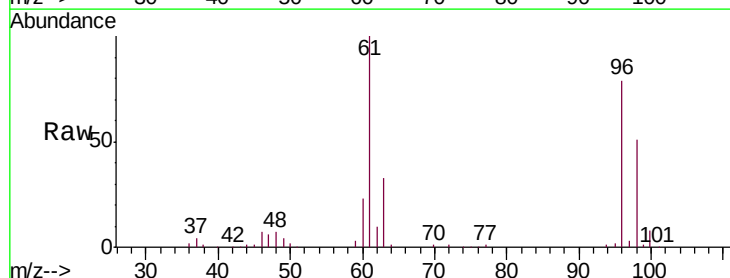
Tgt Ion: 96 Resp: 113752

Ion Ratio Lower Upper

96 100

61 126.1 87.2 162.0

68 0.0 0.0 0.0

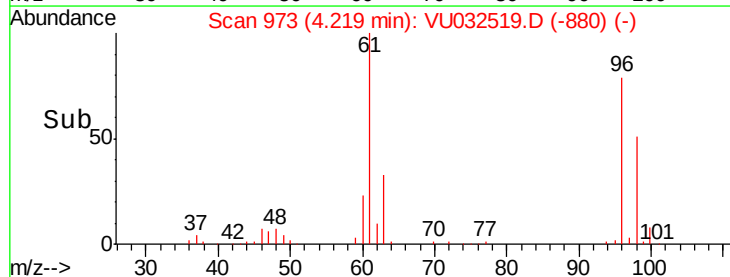
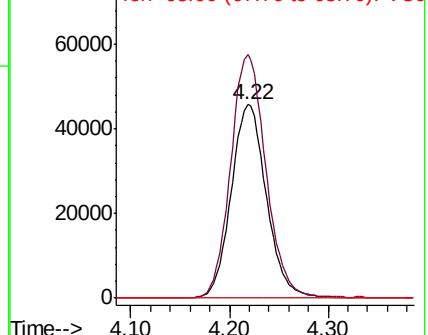


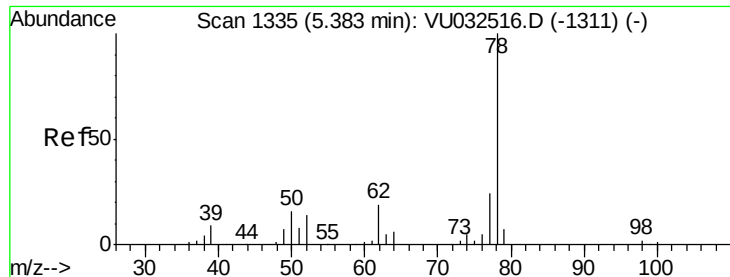
Abundance

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





#33

Benzene

Concen: 4.711 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU032519.D

Acq: 07 Jun 2019 00:35

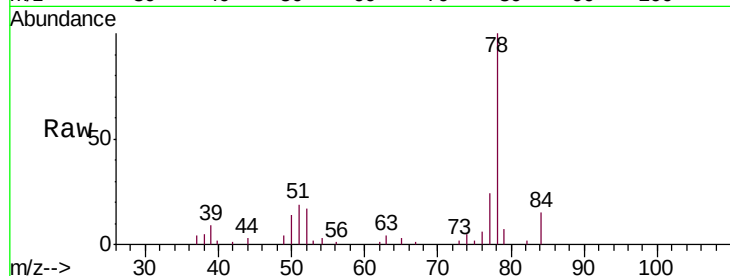
Instrument :

MSVOA_U

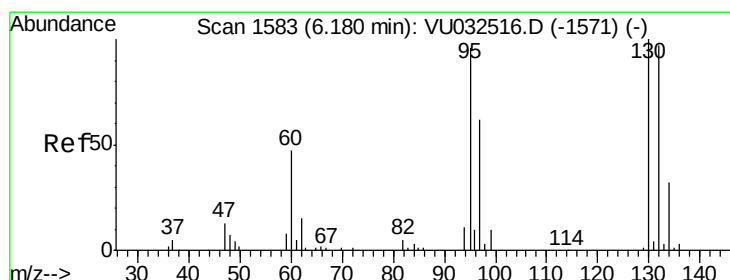
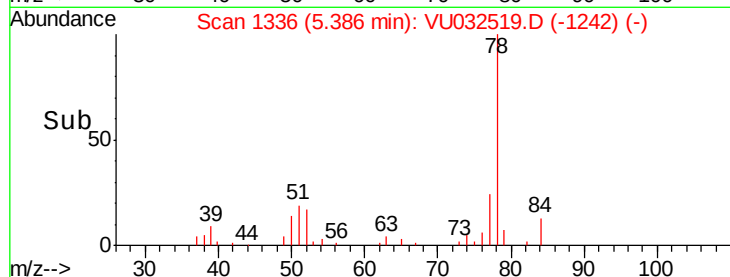
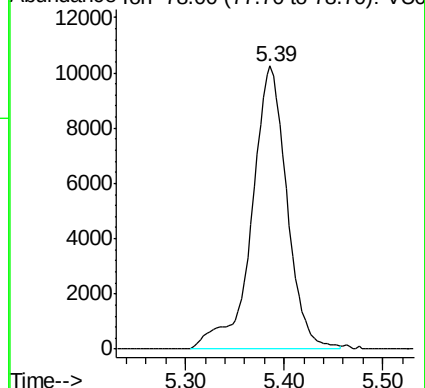
ClientSampleId :

DB8J0

Tgt Ion: 78 Resp: 25194



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 64.697 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032519.D

Acq: 07 Jun 2019 00:35

Tgt Ion: 95 Resp: 94127

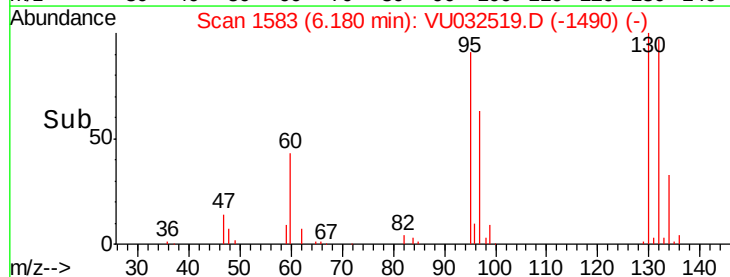
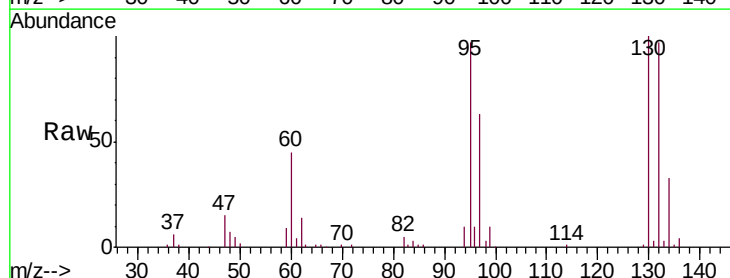
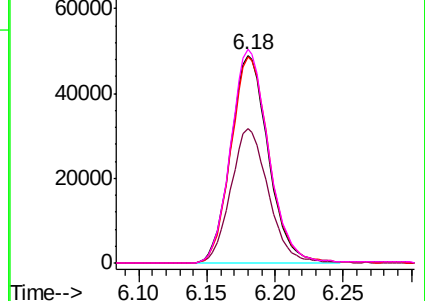
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.8	85.2
132	99.4	71.0	131.8
130	102.8	73.4	136.2

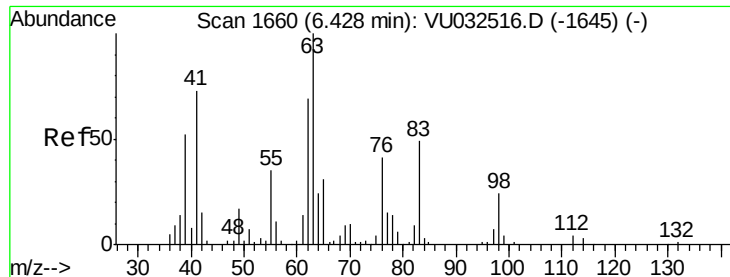
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

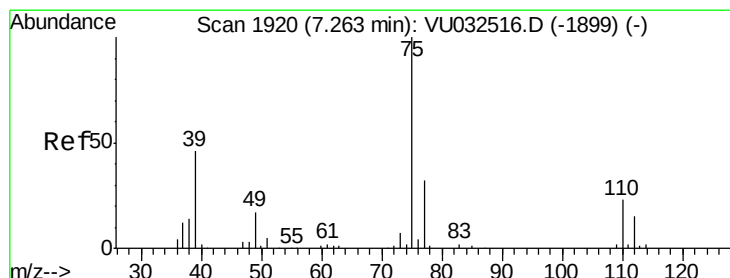
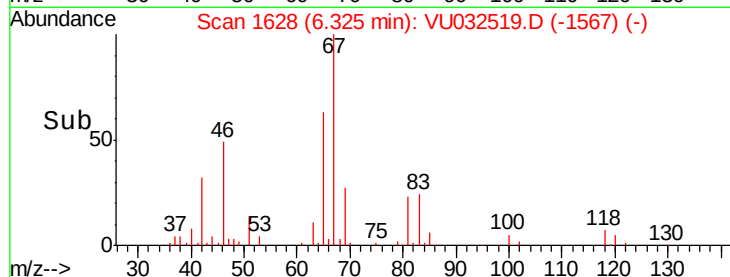
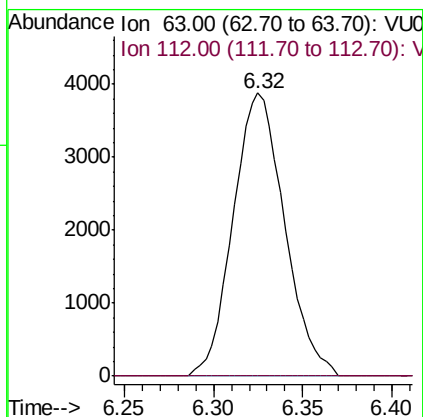
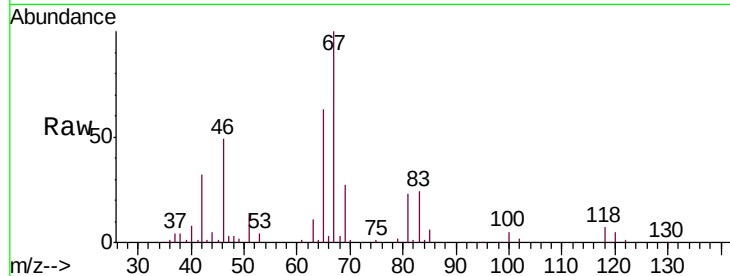




#37
 1,2-Dichloropropane
 Concen: 5.509 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032519.D
 Acq: 07 Jun 2019 00:35

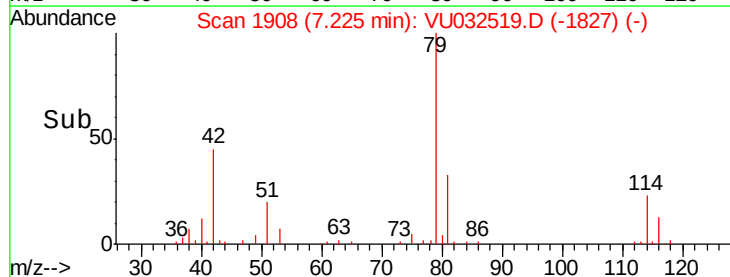
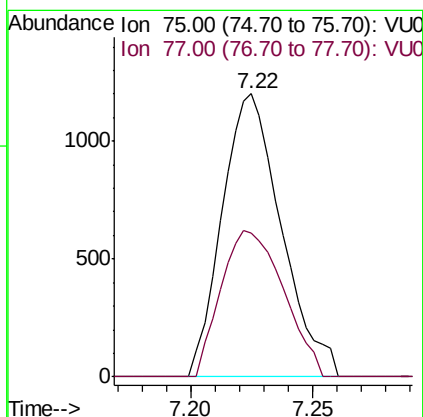
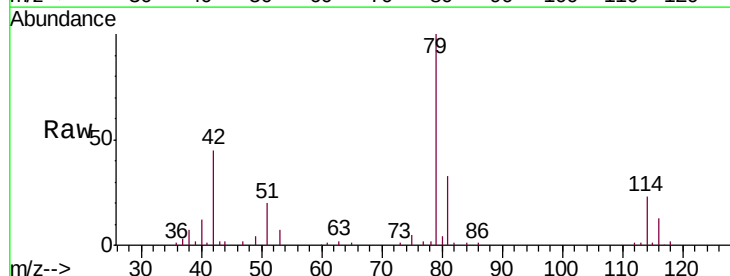
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J0

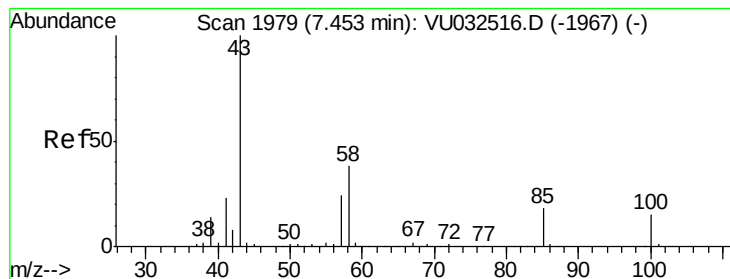
Tgt Ion: 63 Resp: 7809
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.907 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032519.D
 Acq: 07 Jun 2019 00:35

Tgt Ion: 75 Resp: 2028
 Ion Ratio Lower Upper
 75 100
 77 51.0 22.0 41.0#





#40

4-Methyl-2-pentanone

Concen: 0.568 ug/L

RT: 7.47 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VU032519.D

Acq: 07 Jun 2019 00:35

Instrument :

MSVOA_U

ClientSampleId :

DB8J0

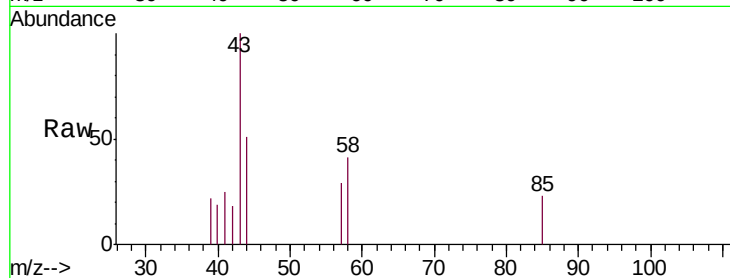
Tgt Ion: 43 Resp: 1295

Ion Ratio Lower Upper

43 100

58 28.3 30.8 46.2#

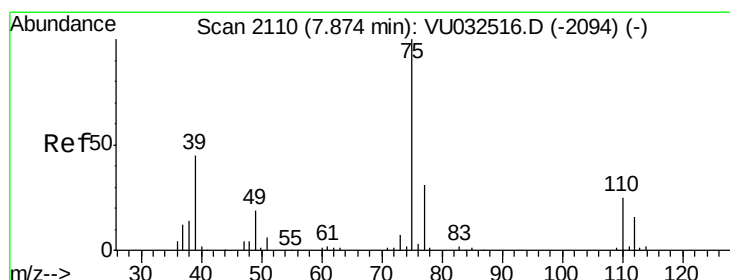
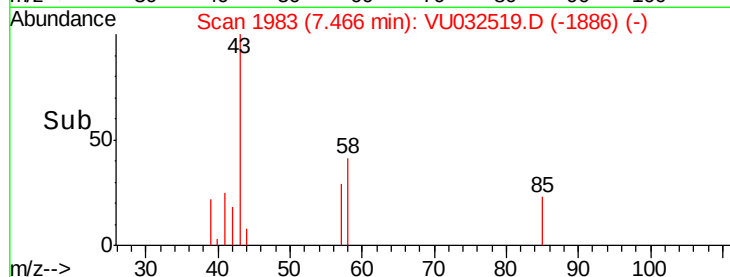
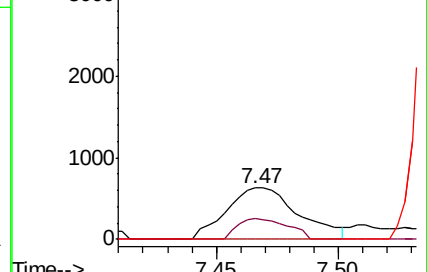
100 0.0 12.1 18.1#



Abundance Ion 43.00 (42.70 to 43.70): VU032519.D (-1886) (-)

Ion 58.00 (57.70 to 58.70): VU032519.D (-1886) (-)

Ion 100.00 (99.70 to 100.70): VU032519.D (-1886) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.719 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032519.D

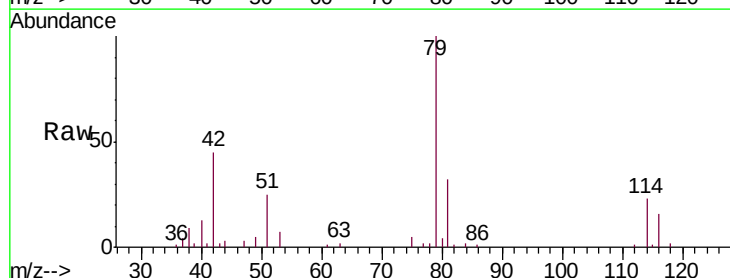
Acq: 07 Jun 2019 00:35

Tgt Ion: 75 Resp: 1427

Ion Ratio Lower Upper

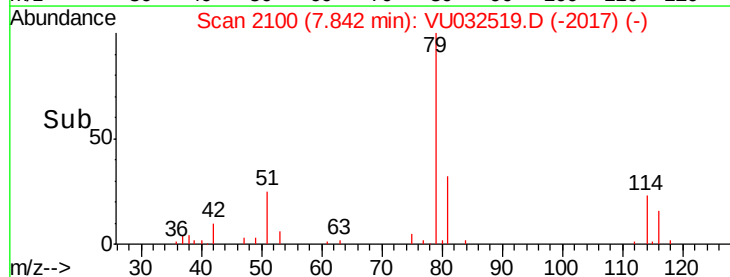
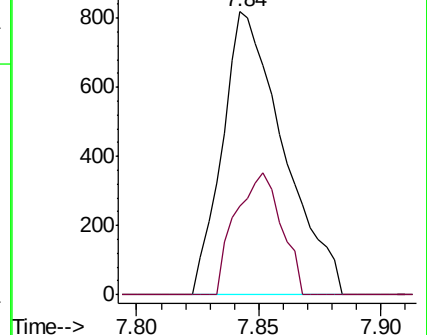
75 100

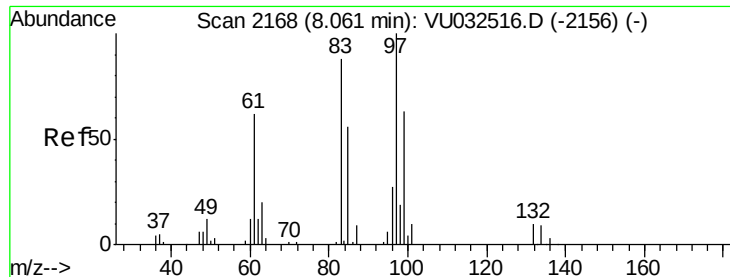
77 31.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU032519.D (-2017) (-)

Ion 77.00 (76.70 to 77.70): VU032519.D (-2017) (-)





#45

1,1,2-Trichloroethane

Concen: 0.349 ug/L

RT: 8.22 min Scan# 2216

Delta R.T. 0.15 min

Lab File: VU032519.D

Acq: 07 Jun 2019 00:35

Instrument :

MSVOA_U

ClientSampleId :

DB8J0

Tgt Ion: 97 Resp: 468

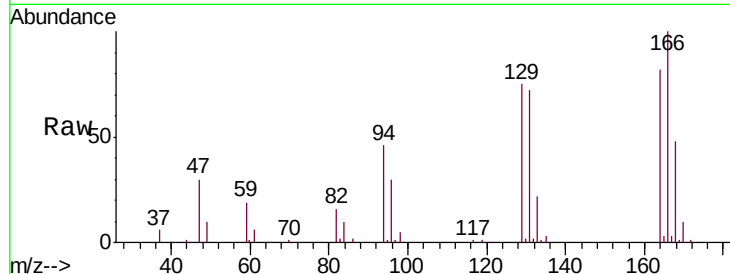
Ion Ratio Lower Upper

97 100

99 0.0 44.1 81.9#

83 204.0 59.4 110.2#

85 0.0 39.1 72.7#

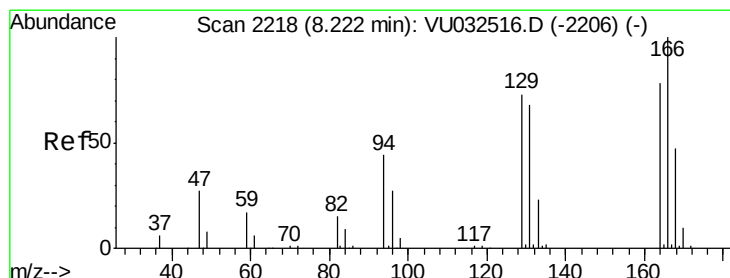
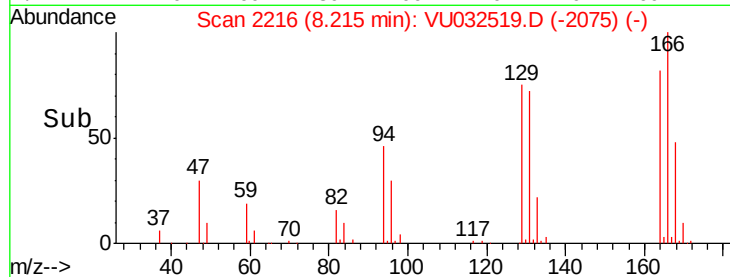
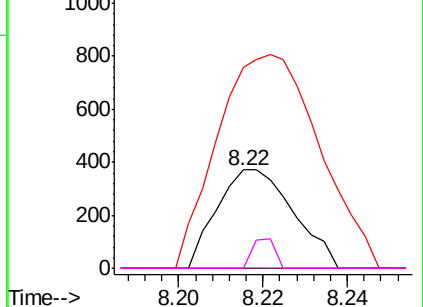


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 55.084 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032519.D

Acq: 07 Jun 2019 00:35

Tgt Ion:164 Resp: 66189

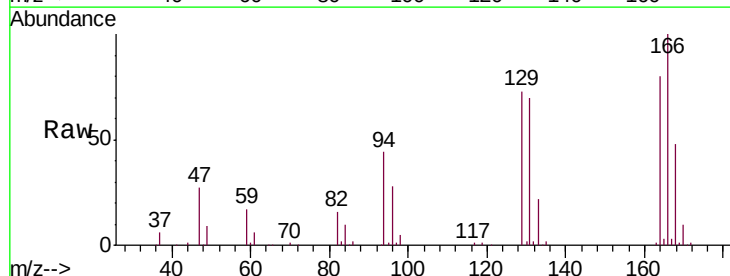
Ion Ratio Lower Upper

164 100

129 90.7 65.3 121.3

131 87.3 64.0 119.0

166 125.0 88.8 165.0

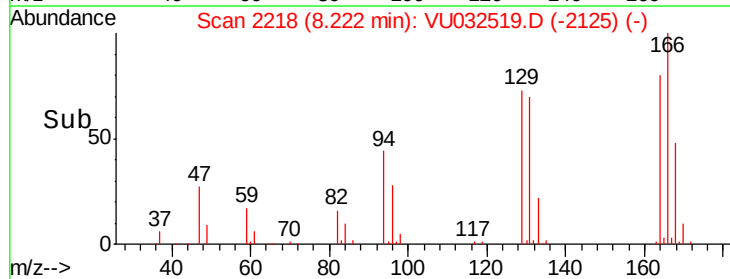
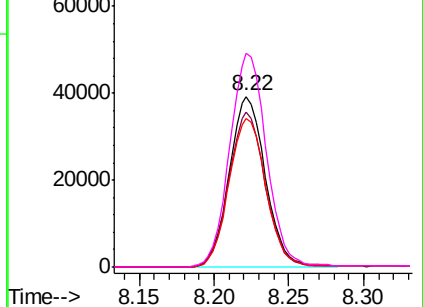


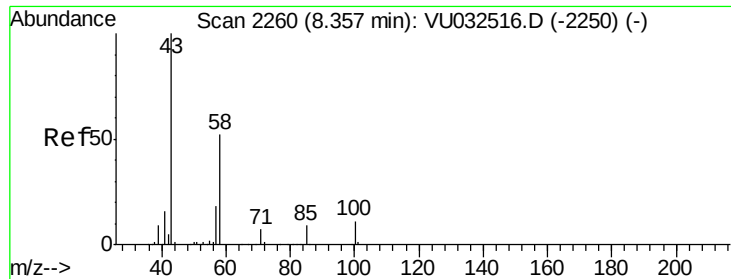
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

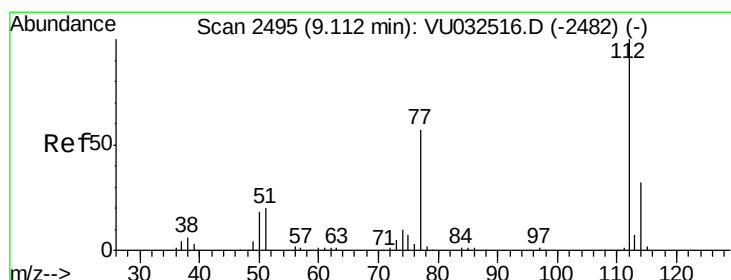
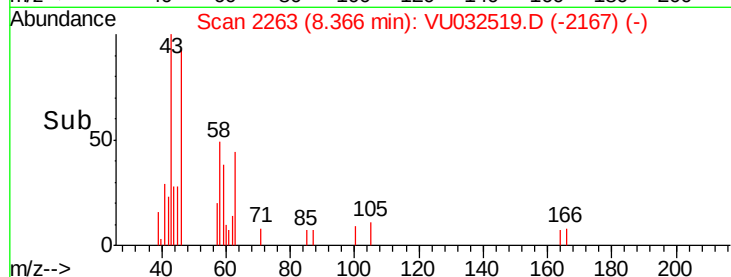
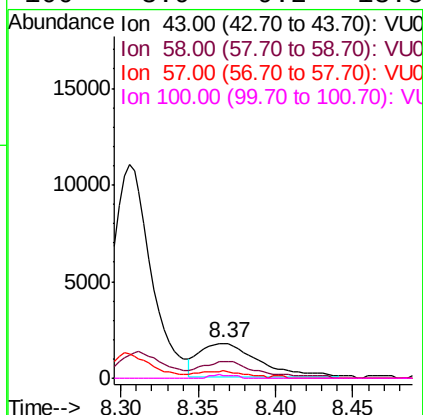
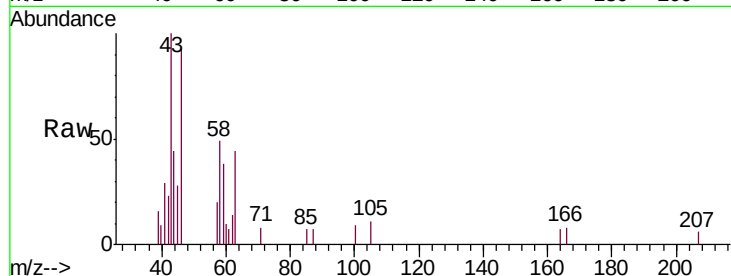




#48
2-Hexanone
Concen: 2.510 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

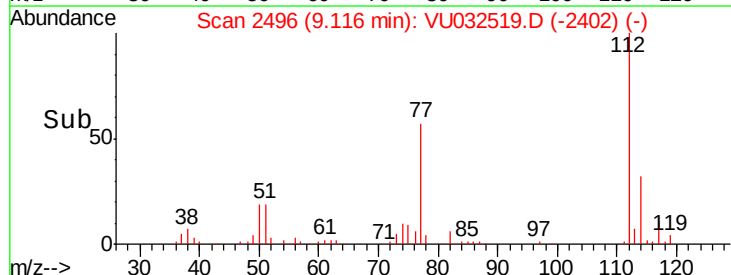
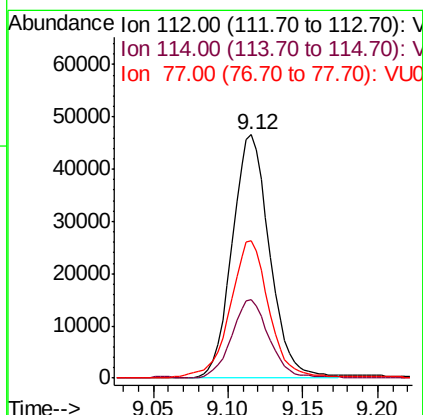
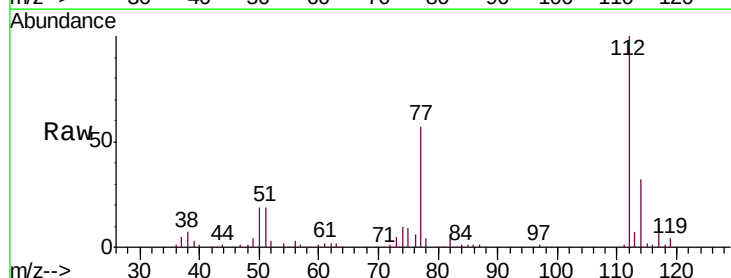
Instrument :
MSVOA_U
ClientSampleId :
DB8J0

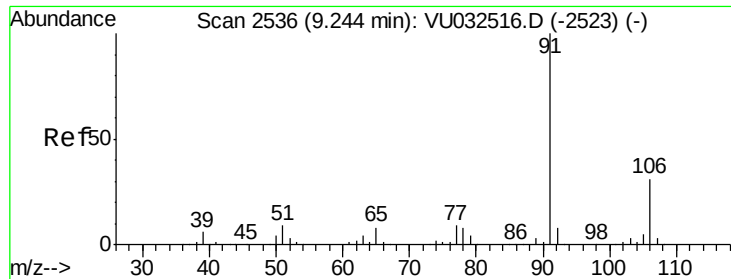
Tgt Ion: 43 Resp: 4701
Ion Ratio Lower Upper
43 100
58 34.0 42.0 63.0#
57 4.4 14.6 22.0#
100 3.9 9.2 13.8#



#51
Chlorobenzene
Concen: 21.533 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Tgt Ion: 112 Resp: 81249
Ion Ratio Lower Upper
112 100
114 32.2 22.6 42.0
77 56.6 46.1 69.1





#52

Ethylbenzene

Concen: 0.575 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.01 min

Lab File: VU032519.D

Acq: 07 Jun 2019 00:35

Instrument :

MSVOA_U

ClientSampleId :

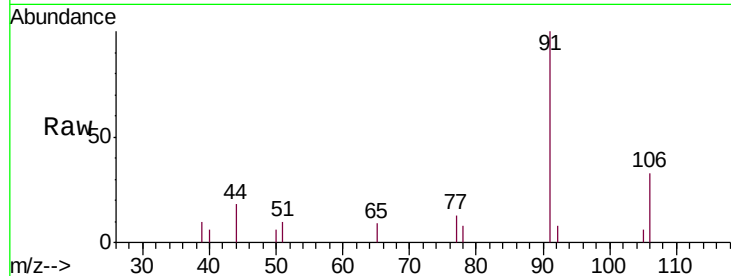
DB8J0

Tgt Ion: 91 Resp: 3754

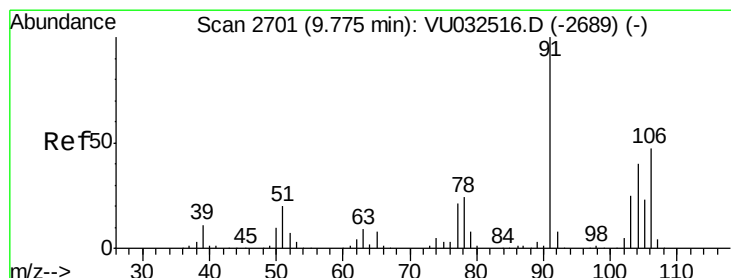
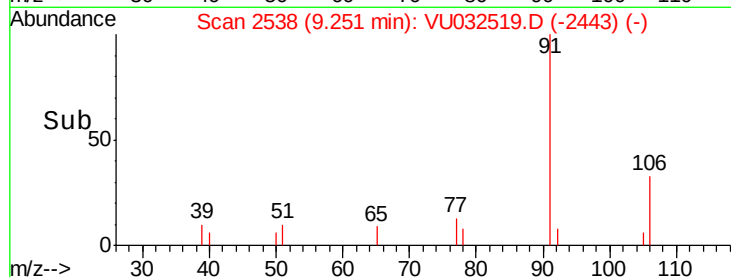
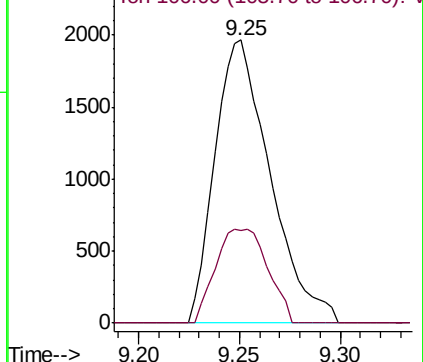
Ion Ratio Lower Upper

91 100

106 32.6 22.0 41.0



Abundance Ion 91.00 (90.70 to 91.70): VU032516.D (-2523) (-)



#54

o-xylene

Concen: 1.091 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU032519.D

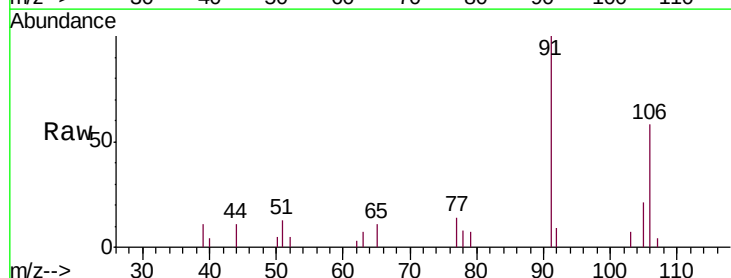
Acq: 07 Jun 2019 00:35

Tgt Ion: 106 Resp: 2690

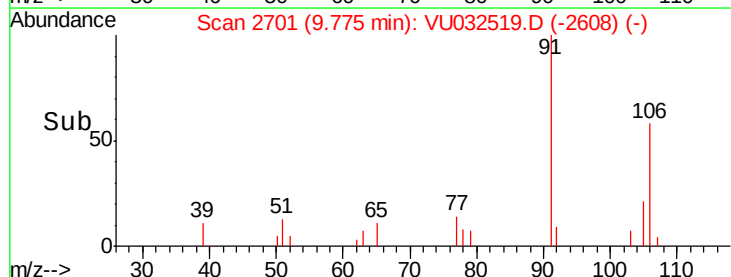
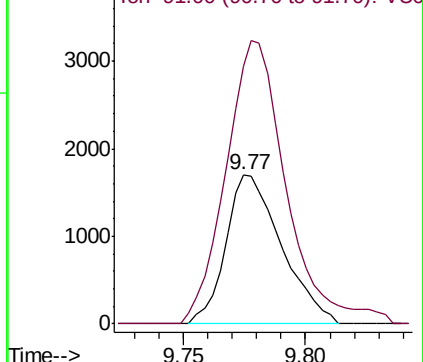
Ion Ratio Lower Upper

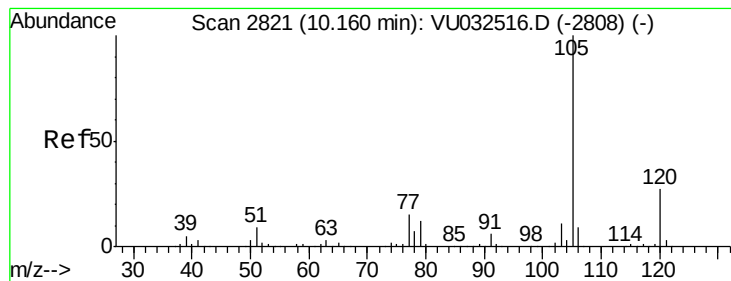
106 100

91 172.7 150.1 278.7



Abundance Ion 106.00 (105.70 to 106.70): VU032516.D (-2689) (-)





#56

Isopropylbenzene

Concen: 2.508 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU032519.D

Acq: 07 Jun 2019 00:35

Instrument :

MSVOA_U

ClientSampled :

DB8J0

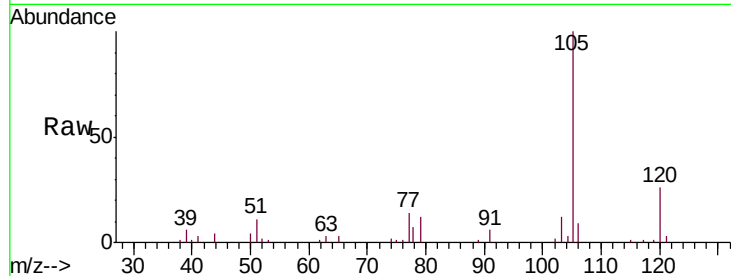
Tgt Ion:105 Resp: 16298

Ion Ratio Lower Upper

105 100

120 25.3 21.6 32.4

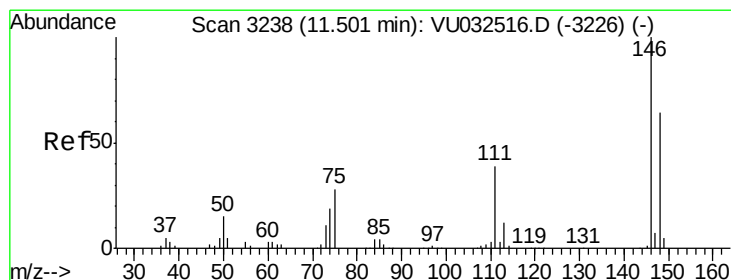
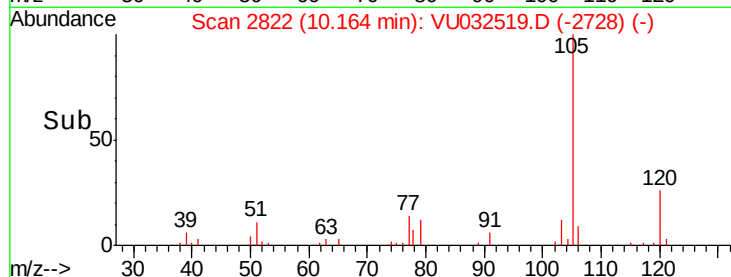
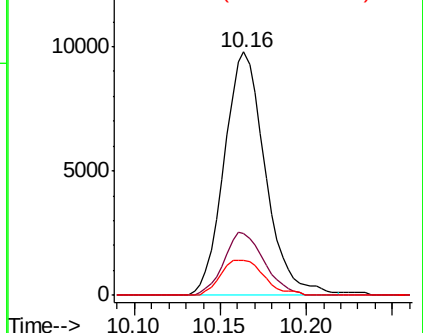
77 15.3 12.4 18.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#63

1,4-Dichlorobenzene

Concen: 4.851 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU032519.D

Acq: 07 Jun 2019 00:35

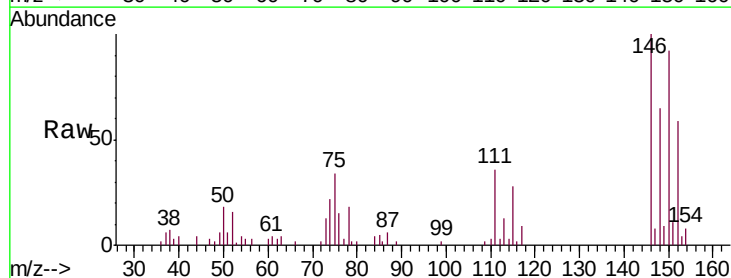
Tgt Ion:146 Resp: 14709

Ion Ratio Lower Upper

146 100

111 36.3 26.6 49.4

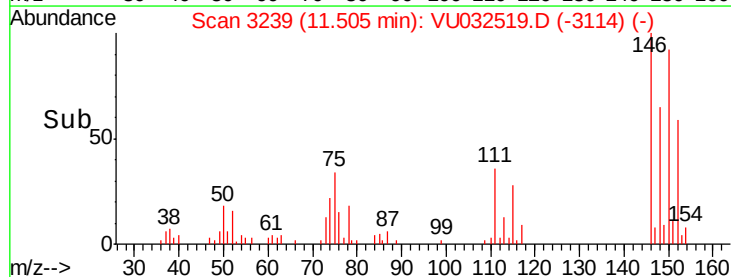
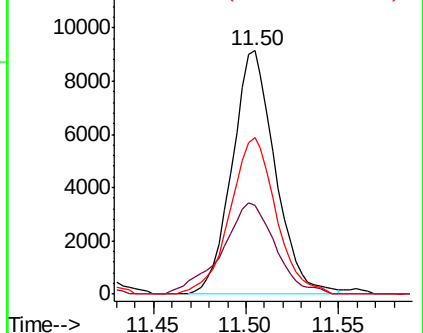
148 64.5 44.9 83.5

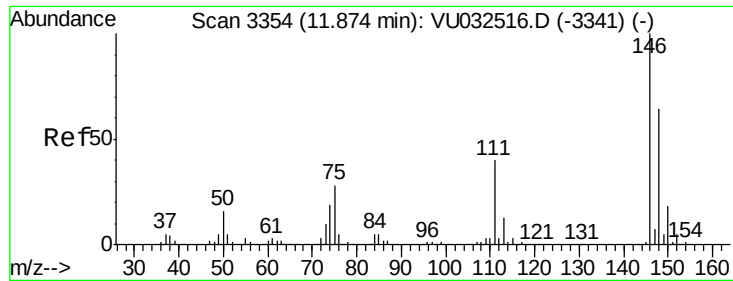


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

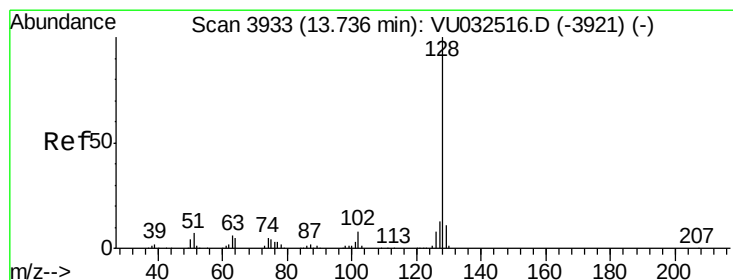
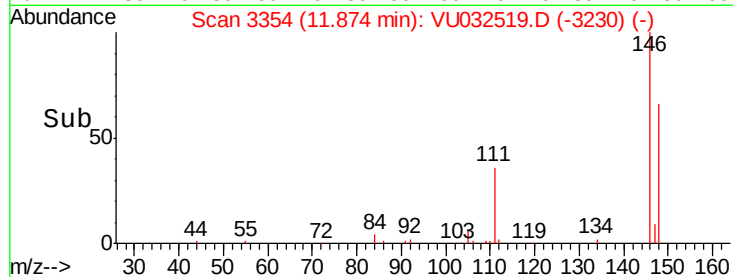
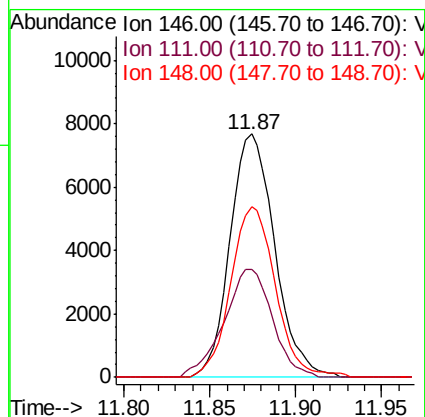
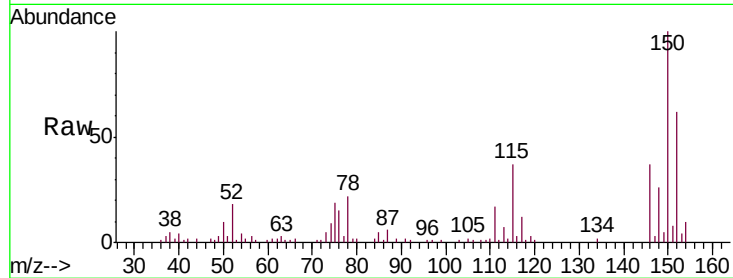




#65
 1,2-Dichlorobenzene
 Concen: 4.628 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU032519.D
 Acq: 07 Jun 2019 00:35

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J0

Tgt Ion:146 Resp: 13876
 Ion Ratio Lower Upper
 146 100
 111 44.3 32.6 48.8
 148 69.8 50.5 75.7



#69
 Naphthalene
 Concen: 0.401 ug/L
 RT: 13.76 min Scan# 3942
 Delta R.T. 0.03 min
 Lab File: VU032519.D
 Acq: 07 Jun 2019 00:35

Tgt Ion:128 Resp: 2473
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.4 15.6
 129 4.6 8.5 12.7#

