

Data File : VU032525.D
Acq On : 07 Jun 2019 02:53
Operator : JC/SP
Sample : K3215-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8J8

Quant Time: Jun 07 07:05:59 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	214419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	204887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	120127	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41472	29.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.62%#
7) Chloroethane-d5	1.68	69	38719	34.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.26%#
11) 1,1-Dichloroethene-d2	2.26	63	70913	26.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.06%#
21) 2-Butanone-d5	4.17	46	140793	120.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.94%
24) Chloroform-d	4.64	84	109479	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.30	65	75738	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
32) Benzene-d6	5.33	84	219229	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.44%
36) 1,2-Dichloropropane-d6	6.32	67	74433	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.26%
41) Toluene-d8	7.56	98	213061	42.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.50%
43) trans-1,3-Dichloropropene-	7.85	79	34362	43.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.10%
47) 2-Hexanone-d5	8.31	63	106491	131.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.63%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128802	53.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	112360	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	25401	13.614 ug/L #	27
8) Chloroethane	1.40	64	42283	38.125 ug/L #	56
12) 1,1-Dichloroethene	2.28	96	834	0.656 ug/L #	1
13) Acetone	2.32	43	2046428	1703.637 ug/L	99
15) Methyl Acetate	2.62	43	1287	0.750 ug/L	95
16) Methylene chloride	2.69	84	2663	1.834 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	6865	4.979 ug/L	98
19) 1,1-Dichloroethane	3.44	63	31172	12.402 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	18683	11.974 ug/L	96
22) 2-Butanone	4.26	43	47715	33.609 ug/L	99
27) 1,2-Dichloroethane	5.39	62	3229	1.575 ug/L #	75
29) Cyclohexane	4.99	56	2535	1.040 ug/L #	86
33) Benzene	5.38	78	189207	32.868 ug/L	100
34) Trichloroethene	6.18	95	12943	8.264 ug/L	96
35) Methylcyclohexane	6.41	83	1888	0.745 ug/L #	86
37) 1,2-Dichloropropane	6.43	63	9889	6.480 ug/L #	96
39) cis-1,3-Dichloropropene	7.22	75	2305	0.957 ug/L #	73

Data File : VU032525.D
Acq On : 07 Jun 2019 02:53
Operator : JC/SP
Sample : K3215-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8J8

Quant Time: Jun 07 07:05:59 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)
40) 4-Methyl-2-pentanone	7.45	43	481828	196.264	ug/L	99
42) Toluene	7.63	91	599274	95.055	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	1989	0.931	ug/L	98
46) Tetrachloroethene	8.22	164	5214	4.031	ug/L	99
48) 2-Hexanone	8.31	43	2483566	1231.674	ug/L #	40
49) Dibromochloromethane	8.22	129	4643	2.768	ug/L #	11
51) Chlorobenzene	9.12	112	26694	6.572	ug/L	98
52) Ethylbenzene	9.24	91	225104	32.033	ug/L	98
53) m,p-Xylene	9.37	106	248943	93.161	ug/L	99
54) o-xylene	9.77	106	151705	57.179	ug/L	99
55) Styrene	9.77	104	8677	1.959	ug/L #	1
56) Isopropylbenzene	10.16	105	88801	12.693	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.49	83	1312	0.532	ug/L #	89
63) 1,4-Dichlorobenzene	11.50	146	4920	1.324	ug/L #	92
65) 1,2-Dichlorobenzene	11.87	146	3522	0.959	ug/L #	82
66) 1,2-Dibromo-3-chloropropan	12.69	75	2678	4.332	ug/L #	1
69) Naphthalene	13.74	128	468161	61.959	ug/L	99
70) 1,2,3-Trichlorobenzene	14.00	180	2564	1.028	ug/L #	1

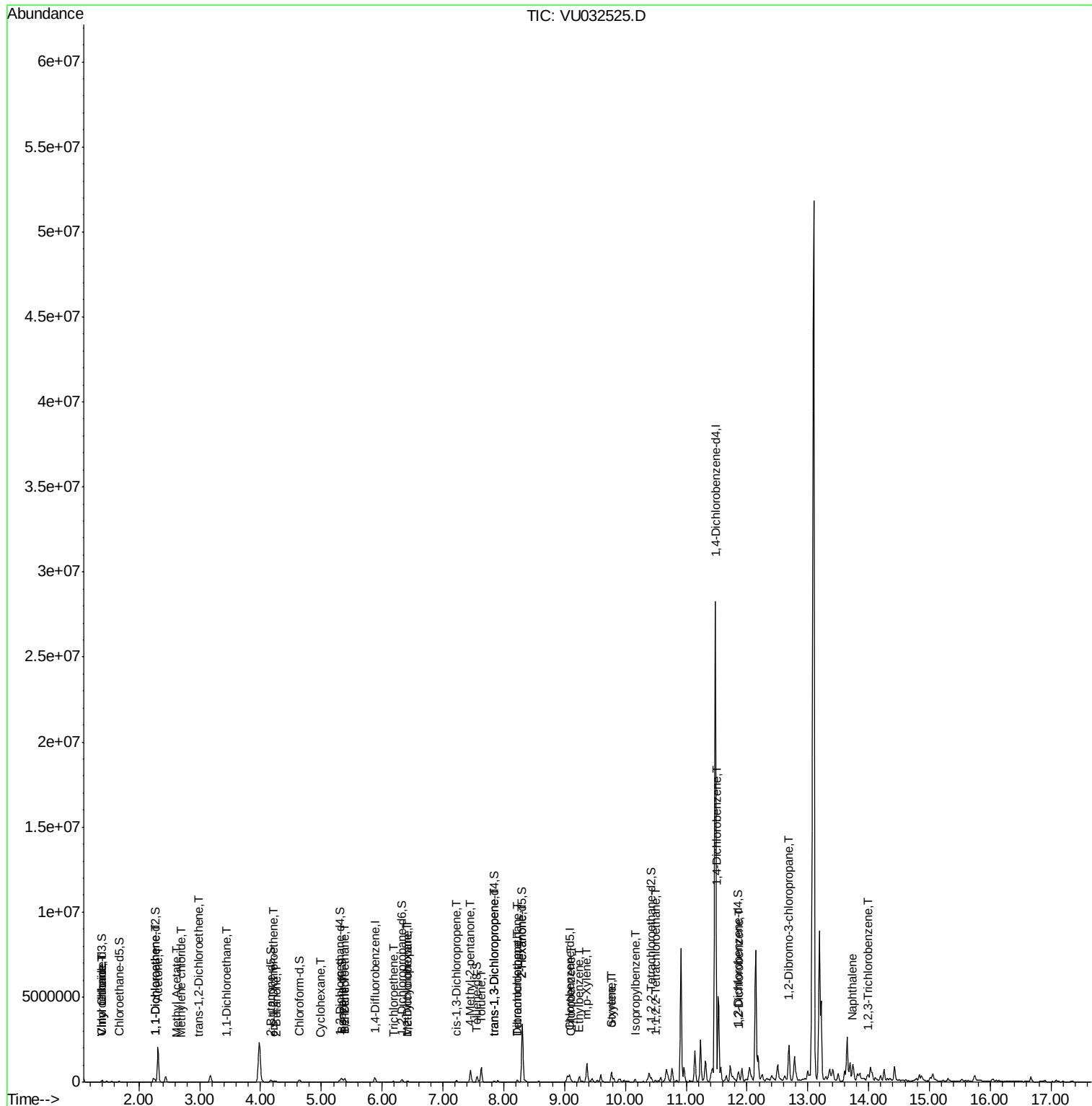
(#) = qualifier out of range (m) = manual integration (+) = signals summed

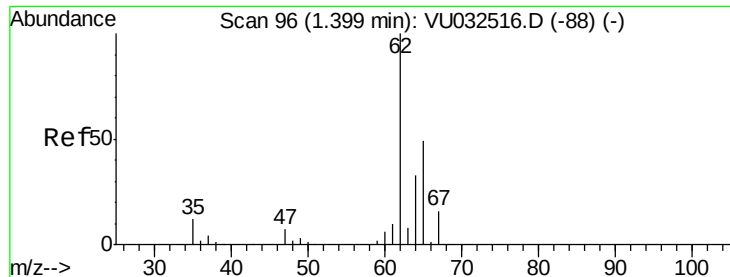
Data File : VU032525.D

```
Acq On       : 07 Jun 2019   02:53
Operator     : JC/SP
Sample       : K3215-13
Misc         : 5.0mL/MSVOA_U/WATER
ALS Vial     : 46      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
DB8J8

Quant Time: Jun 07 07:05:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 13.614 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Instrument :

MSVOA_U

ClientSampled :

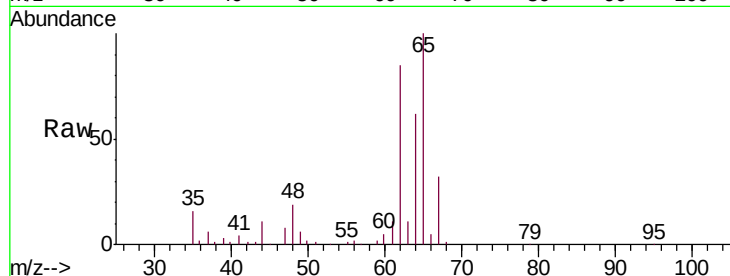
DB8J8

Tgt Ion: 62 Resp: 25401

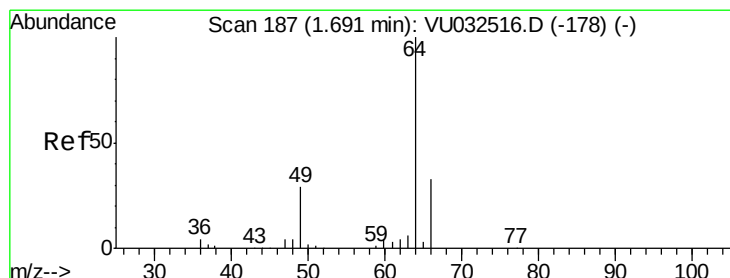
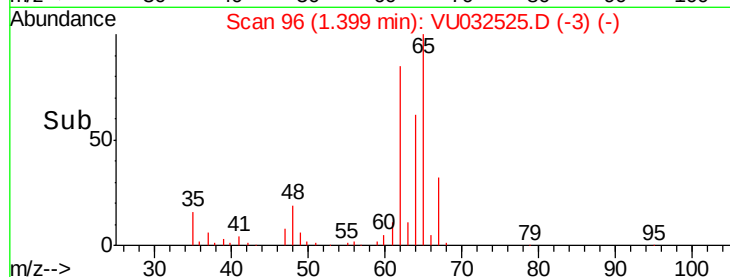
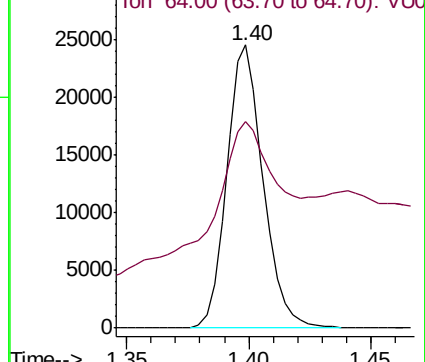
Ion Ratio Lower Upper

62 100

64 73.1 22.6 42.0#



Abundance Ion 62.00 (61.70 to 62.70): VU032516.D (-88) (-)



#8

Chloroethane

Concen: 38.125 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.29 min

Lab File: VU032525.D

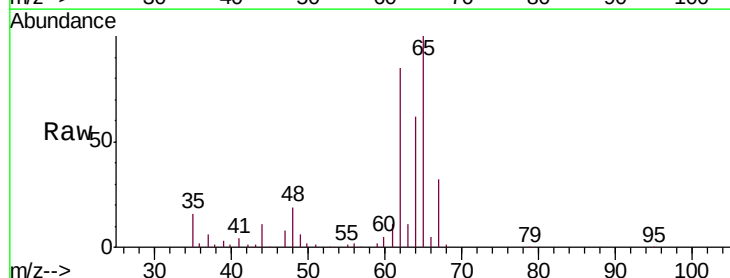
Acq: 07 Jun 2019 02:53

Tgt Ion: 64 Resp: 42283

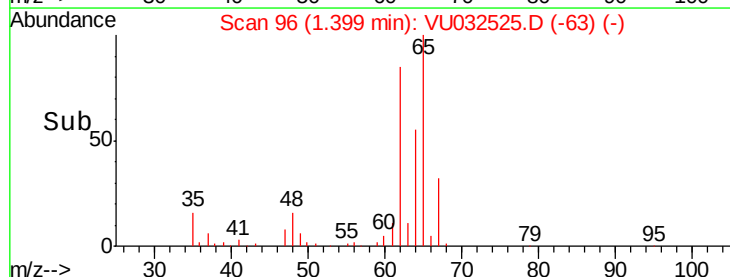
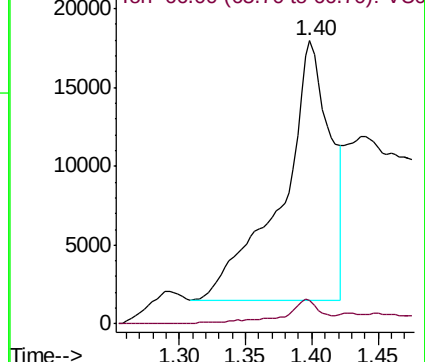
Ion Ratio Lower Upper

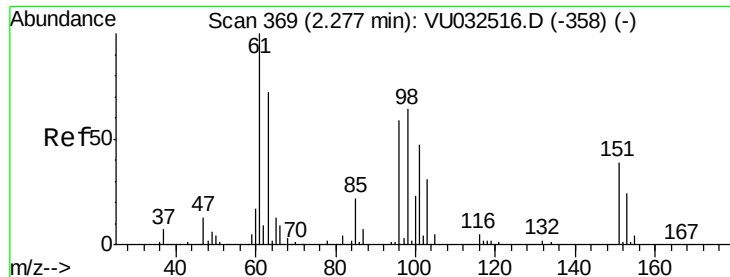
64 100

66 8.1 22.9 42.5#



Abundance Ion 64.00 (63.70 to 64.70): VU032516.D (-178) (-)

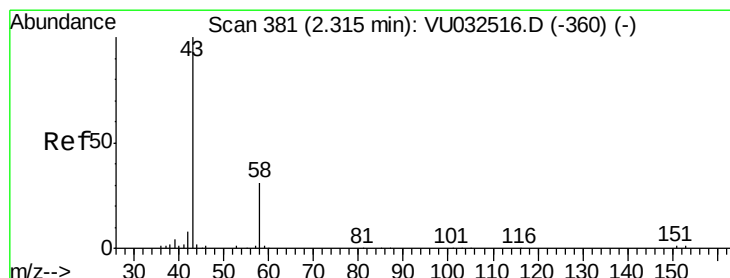
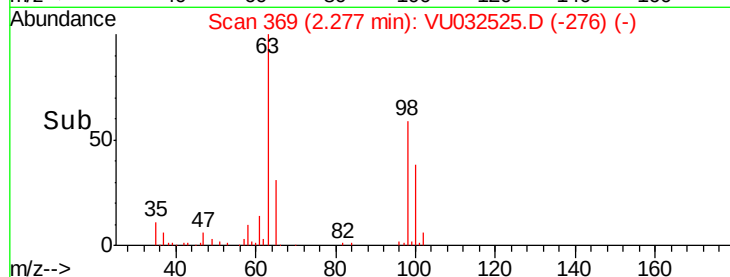
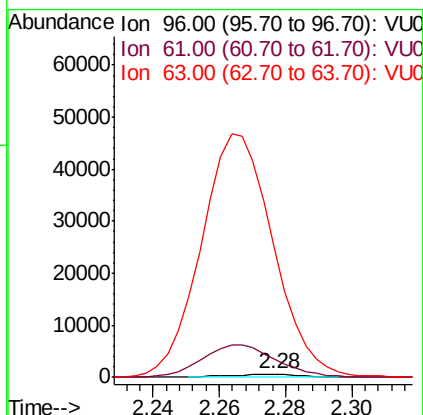
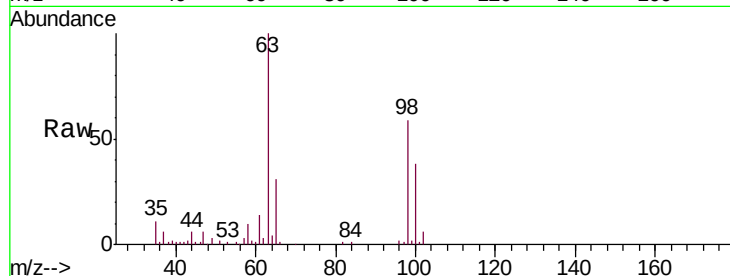




#12
 1,1-Dichloroethene
 Concen: 0.656 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VU032525.D
 Acq: 07 Jun 2019 02:53

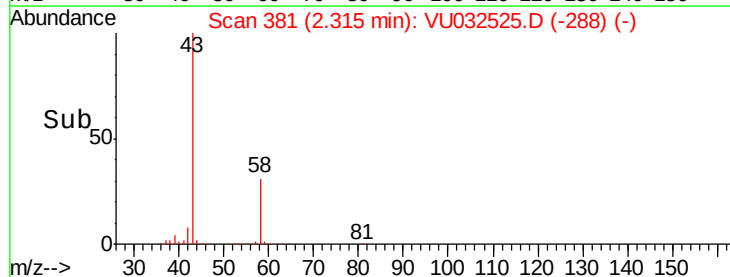
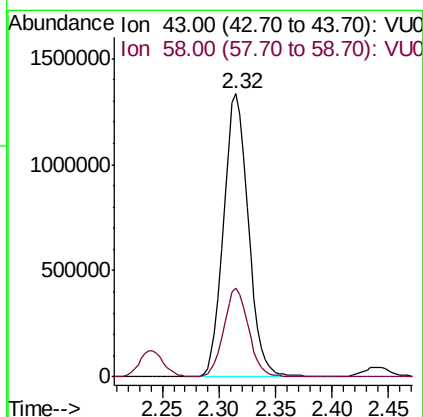
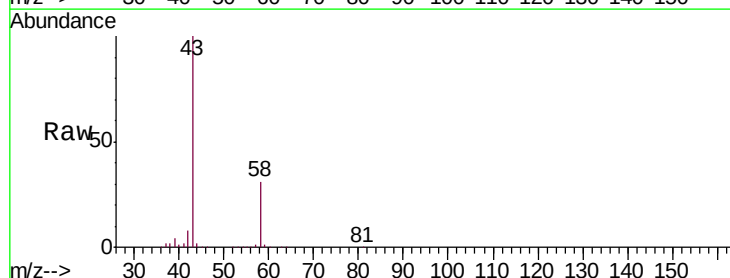
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J8

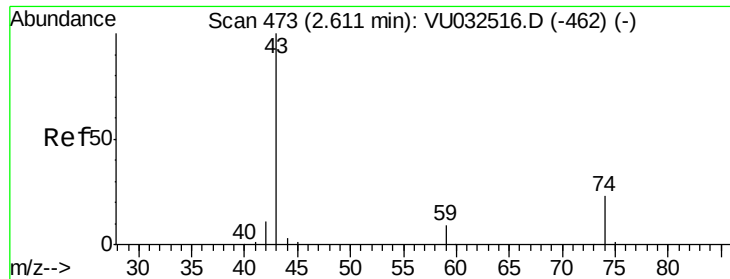
Tgt Ion: 96 Resp: 834
 Ion Ratio Lower Upper
 96 100
 61 605.5 129.5 240.5#
 63 4402.8 103.4 192.0#



#13
 Acetone
 Concen: 1703.637 ug/L
 RT: 2.32 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VU032525.D
 Acq: 07 Jun 2019 02:53

Tgt Ion: 43 Resp: 2046428
 Ion Ratio Lower Upper
 43 100
 58 31.4 0.0 64.0

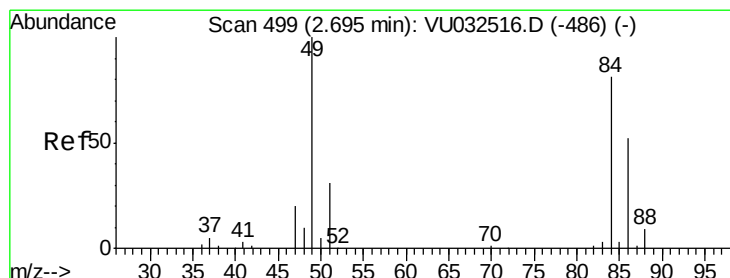
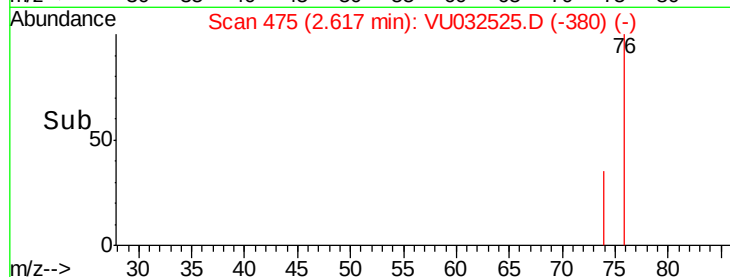
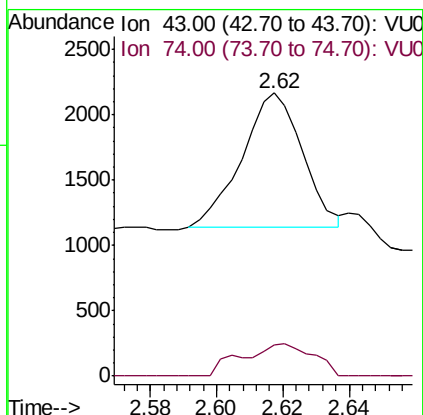
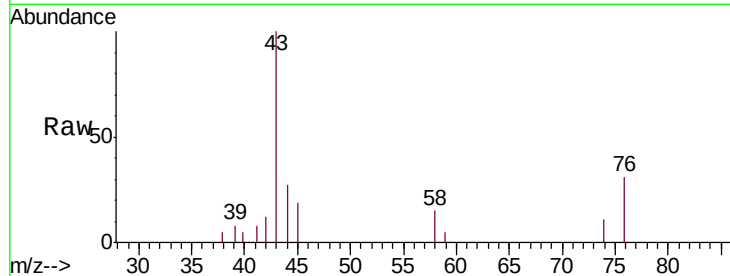




#15
Methyl Acetate
Concen: 0.750 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

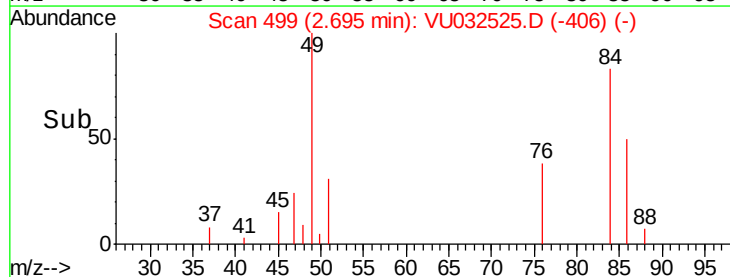
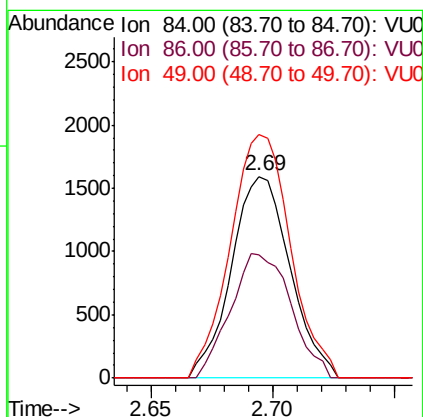
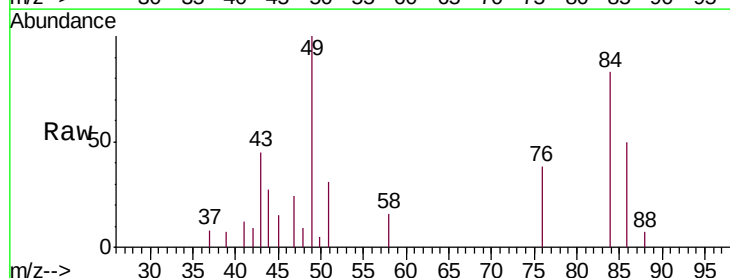
Instrument :
MSVOA_U
ClientSampled :
DB8J8

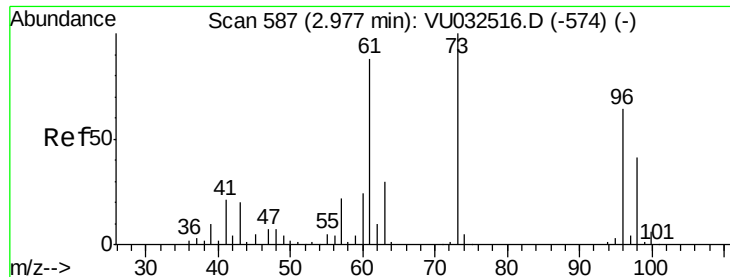
Tgt Ion: 43 Resp: 1287
Ion Ratio Lower Upper
43 100
74 20.0 18.0 27.0



#16
Methylene chloride
Concen: 1.834 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion: 84 Resp: 2663
Ion Ratio Lower Upper
84 100
86 61.1 44.7 82.9
49 120.9 86.1 159.9





#17

trans-1,2-Dichloroethene

Concen: 4.979 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

DB8J8

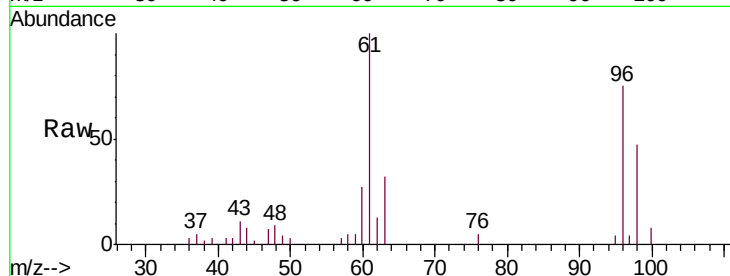
Tgt Ion: 96 Resp: 6865

Ion Ratio Lower Upper

96 100

61 133.7 95.7 177.7

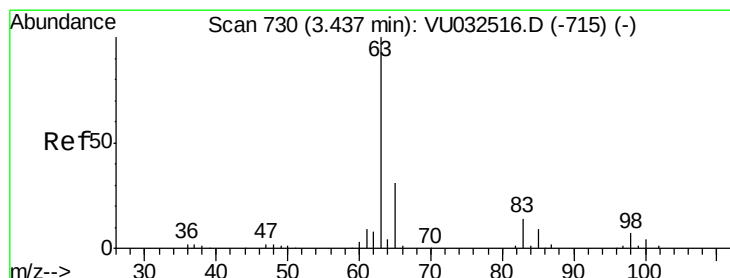
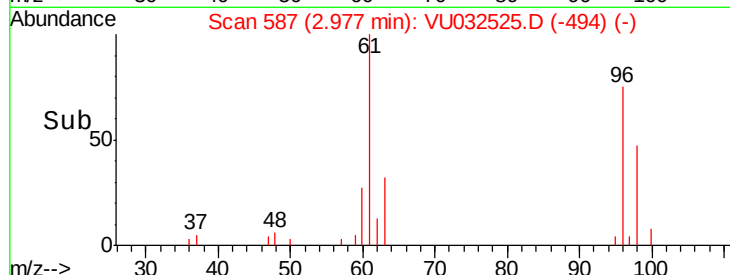
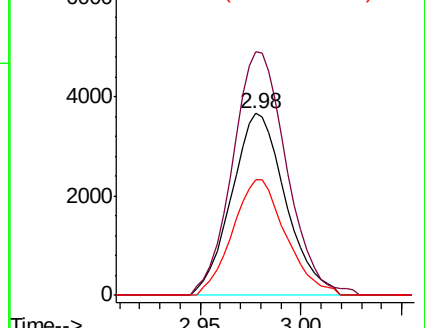
98 63.2 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU032516.D (-574) (-)

Ion 61.00 (60.70 to 61.70): VU032516.D (-574) (-)

Ion 98.00 (97.70 to 98.70): VU032516.D (-574) (-)



#19

1,1-Dichloroethane

Concen: 12.402 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

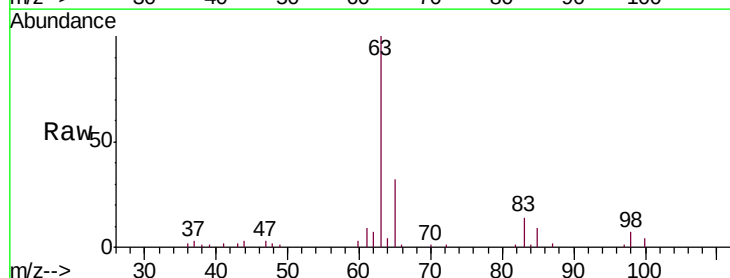
Tgt Ion: 63 Resp: 31172

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

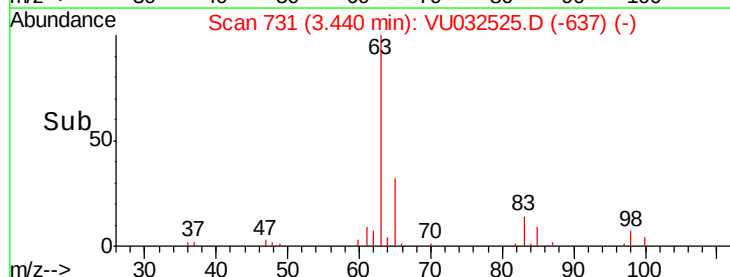
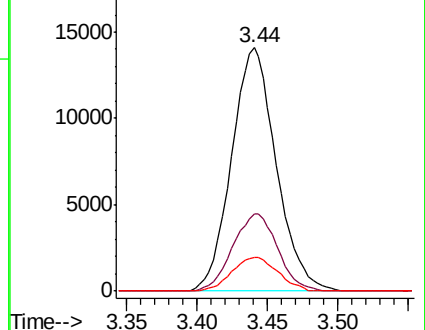
83 13.6 9.8 18.2

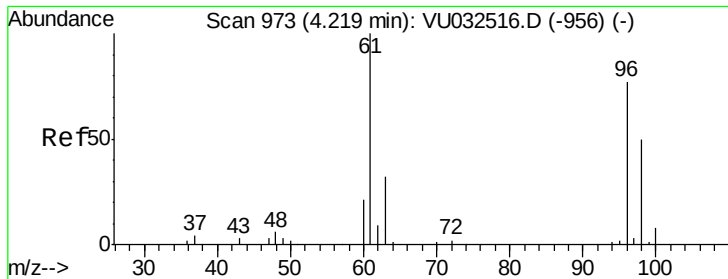


Abundance Ion 63.00 (62.70 to 63.70): VU032516.D (-715) (-)

Ion 65.00 (64.70 to 65.70): VU032516.D (-715) (-)

Ion 83.00 (82.70 to 83.70): VU032516.D (-715) (-)

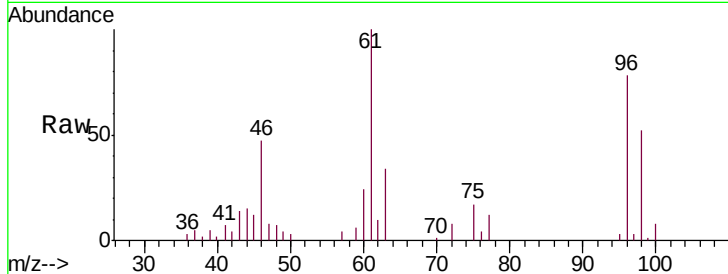




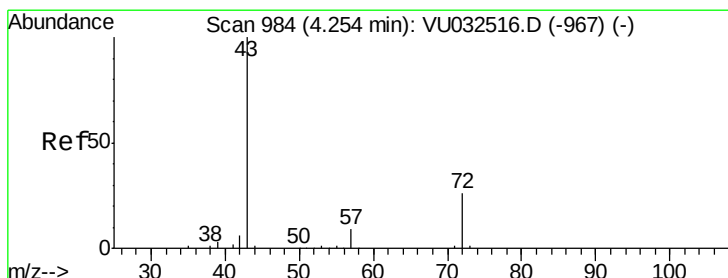
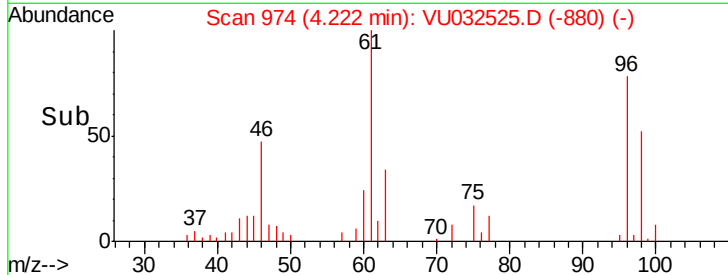
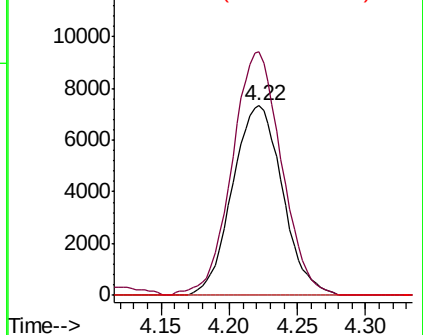
#20
 cis-1,2-Dichloroethene
 Concen: 11.974 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU032525.D
 Acq: 07 Jun 2019 02:53

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J8

Tgt Ion: 96 Resp: 18683
 Ion Ratio Lower Upper
 96 100
 61 128.6 87.2 162.0
 68 0.0 0.0 0.0

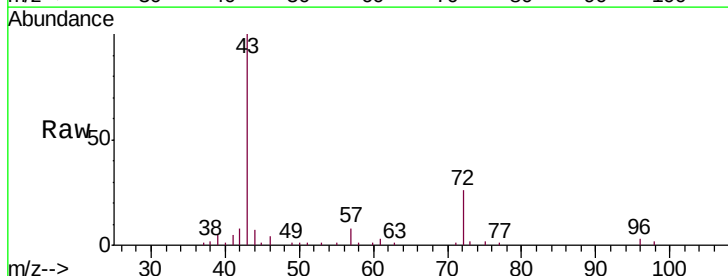


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

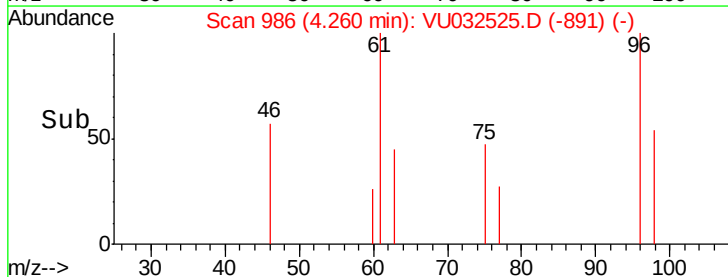
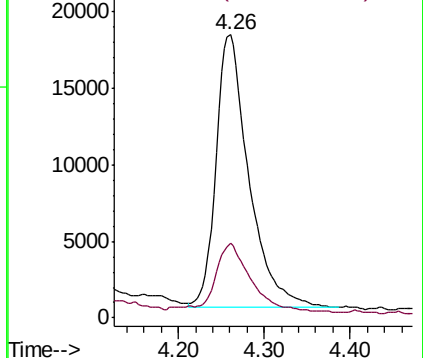


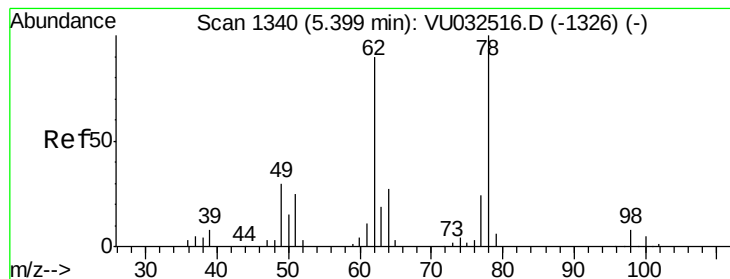
#22
 2-Butanone
 Concen: 33.609 ug/L
 RT: 4.26 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VU032525.D
 Acq: 07 Jun 2019 02:53

Tgt Ion: 43 Resp: 47715
 Ion Ratio Lower Upper
 43 100
 72 25.6 13.1 39.3



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0





#27

1,2-Dichloroethane

Concen: 1.575 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. -0.01 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

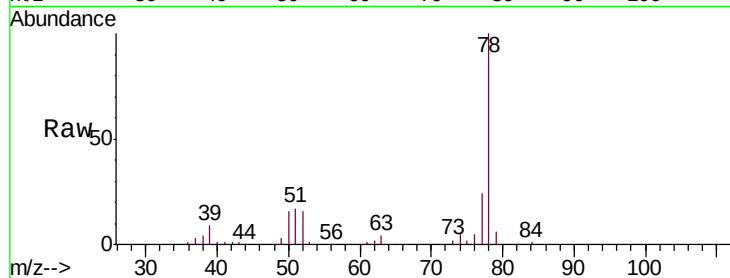
DB8J8

Tgt Ion: 62 Resp: 3229

Ion Ratio Lower Upper

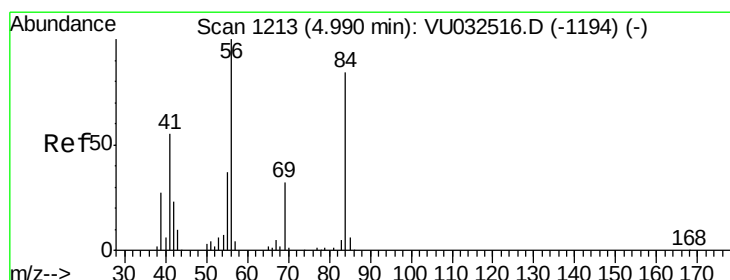
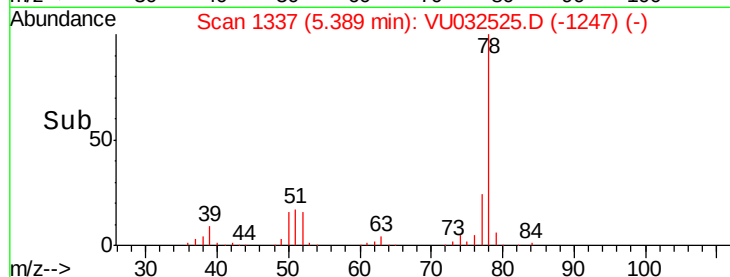
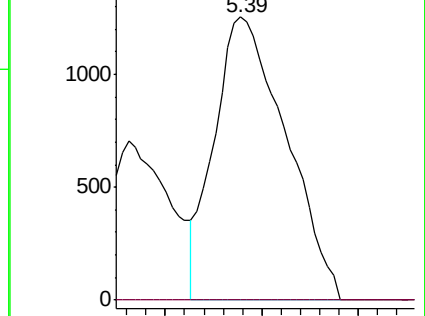
62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032516.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032516.D (-1326) (-)



#29

Cyclohexane

Concen: 1.040 ug/L

RT: 4.99 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

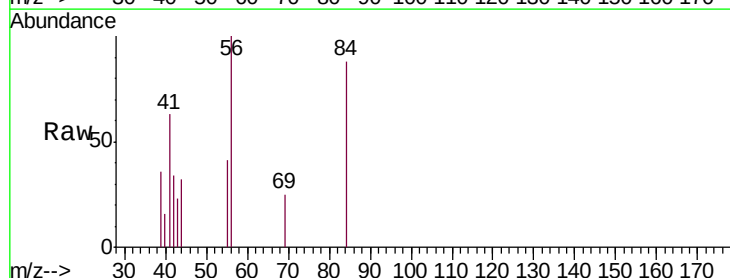
Tgt Ion: 56 Resp: 2535

Ion Ratio Lower Upper

56 100

69 18.6 24.7 37.1#

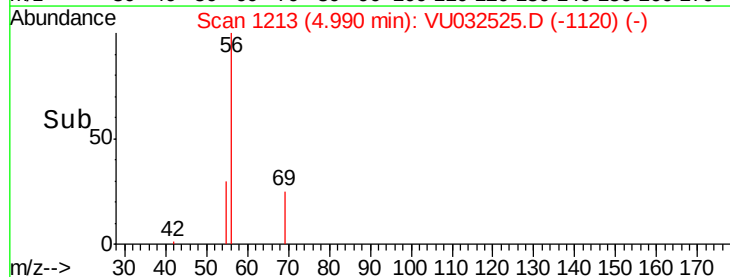
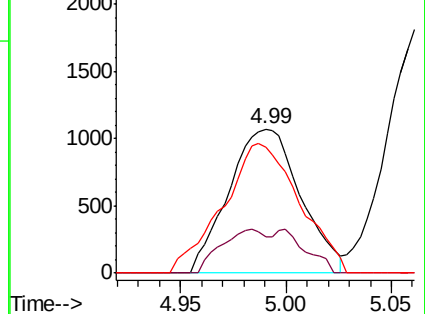
84 95.8 69.0 103.4

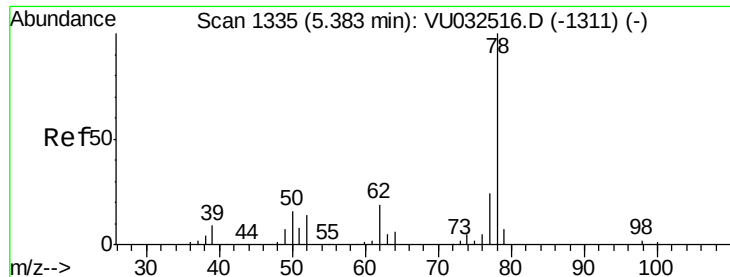


Abundance Ion 56.00 (55.70 to 56.70): VU032516.D (-1194) (-)

Ion 69.00 (68.70 to 69.70): VU032516.D (-1194) (-)

Ion 84.00 (83.70 to 84.70): VU032516.D (-1194) (-)





#33

Benzene

Concen: 32.868 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

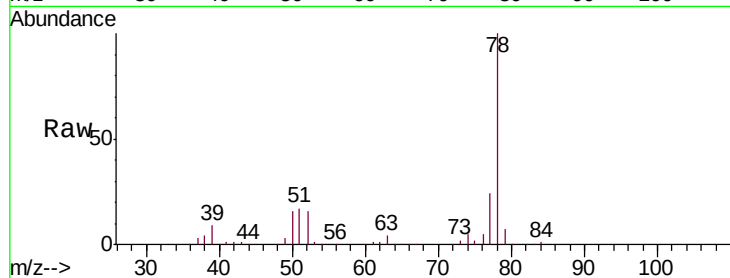
Instrument :

MSVOA_U

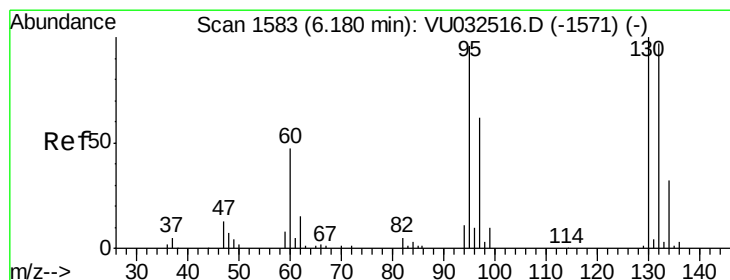
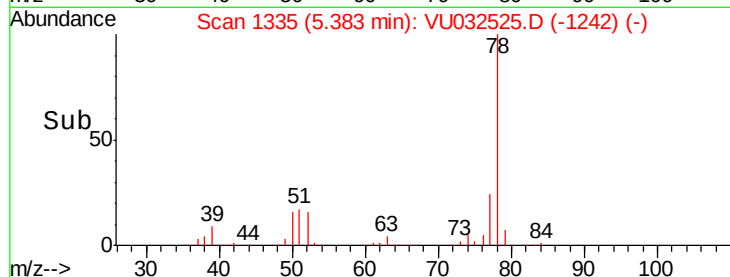
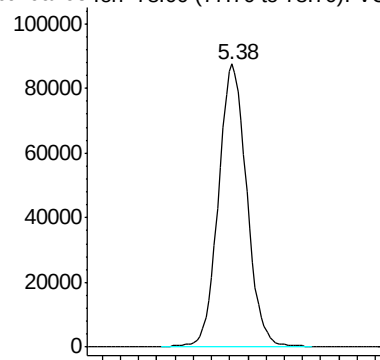
ClientSampleId :

DB8J8

Tgt Ion: 78 Resp: 189207



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 8.264 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Tgt Ion: 95 Resp: 12943

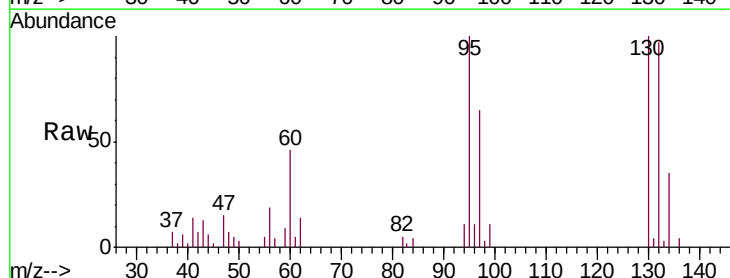
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.8	85.2
132	96.9	71.0	131.8
130	100.0	73.4	136.2

95 100

97 65.4 45.8 85.2

132 96.9 71.0 131.8

130 100.0 73.4 136.2

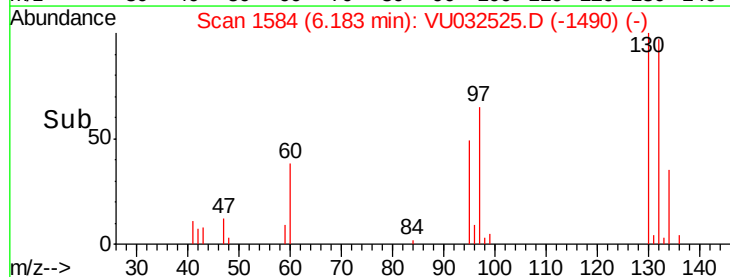
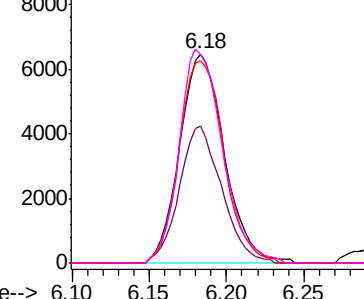


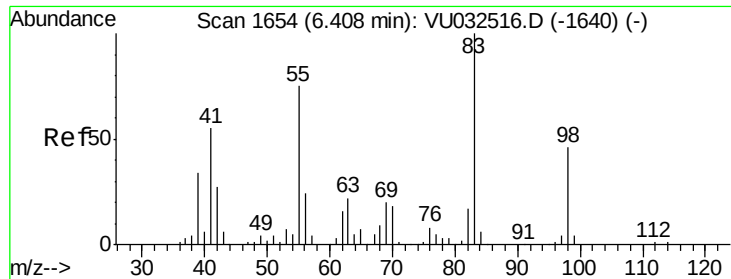
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

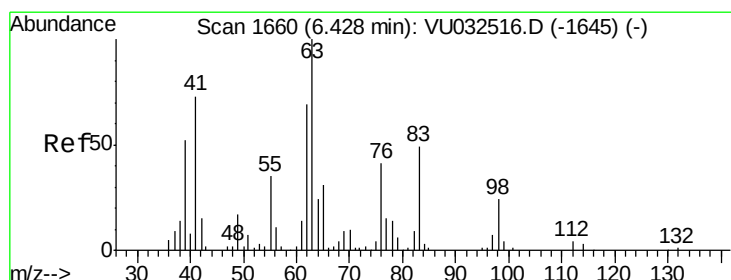
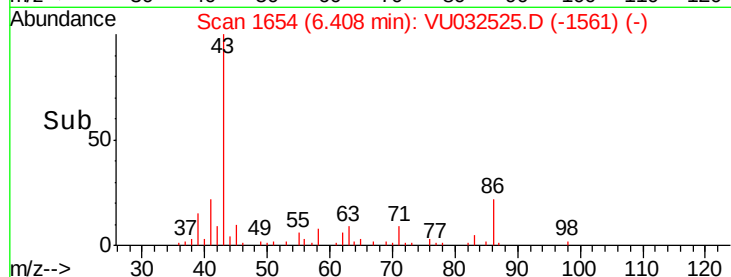
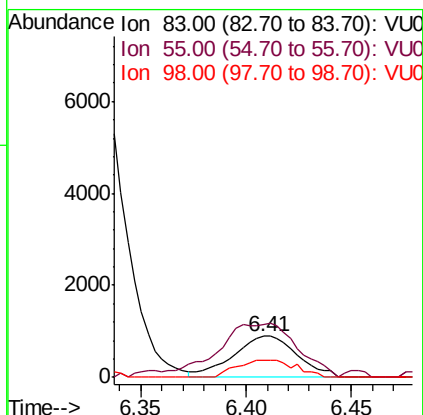
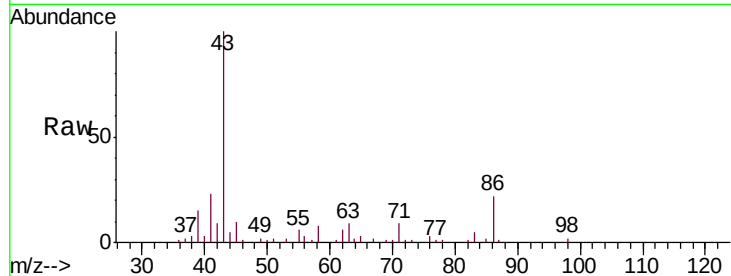




#35
Methylcyclohexane
Concen: 0.745 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

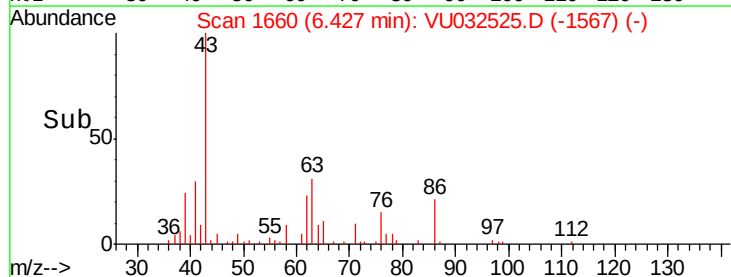
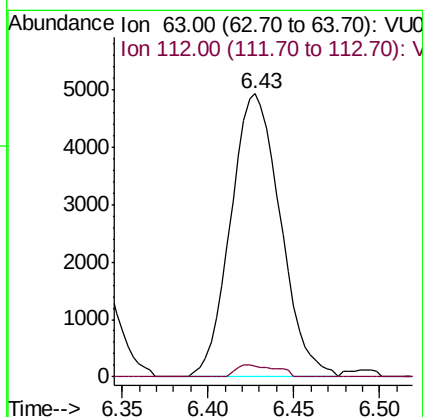
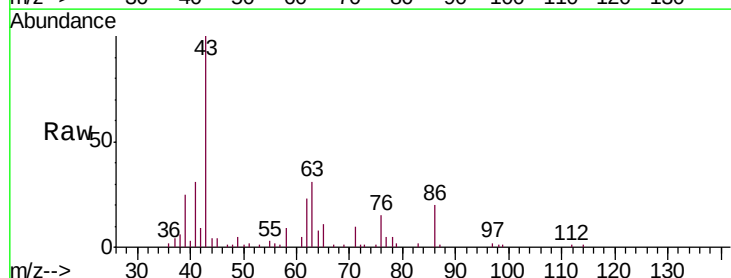
Instrument :
MSVOA_U
ClientSampleId :
DB8J8

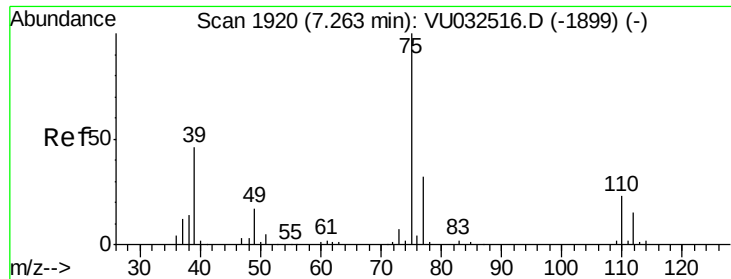
Tgt Ion: 83 Resp: 1888
Ion Ratio Lower Upper
83 100
55 67.6 60.2 90.4
98 31.9 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 6.480 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion: 63 Resp: 9889
Ion Ratio Lower Upper
63 100
112 2.6 3.1 4.7#

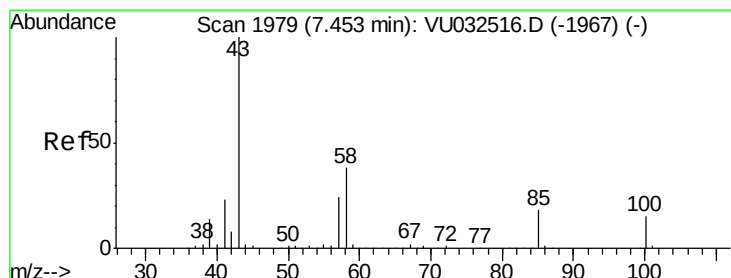
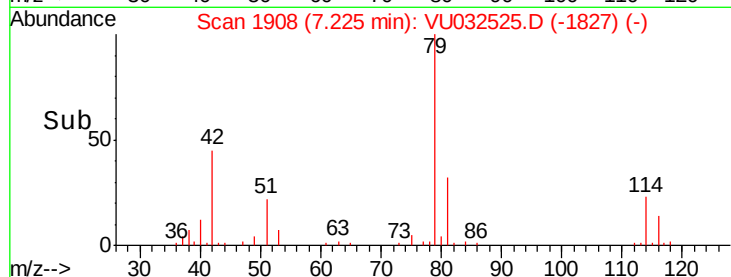
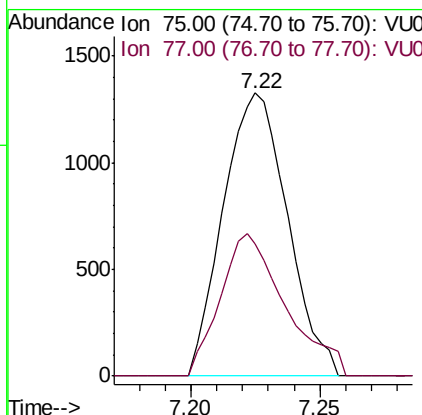
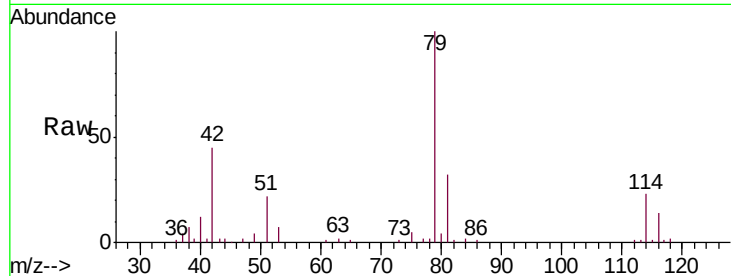




#39
 cis-1,3-Dichloropropene
 Concen: 0.957 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032525.D
 Acq: 07 Jun 2019 02:53

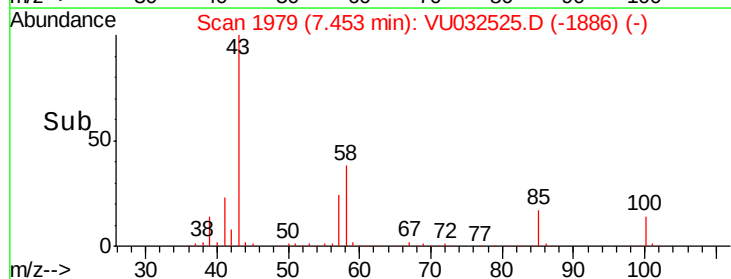
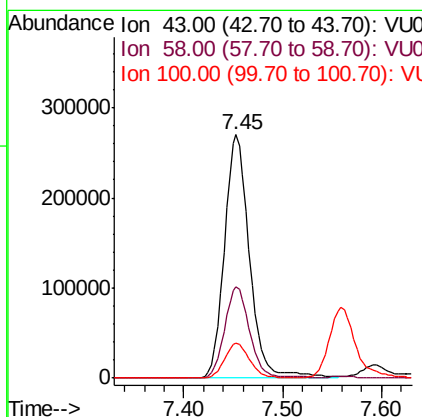
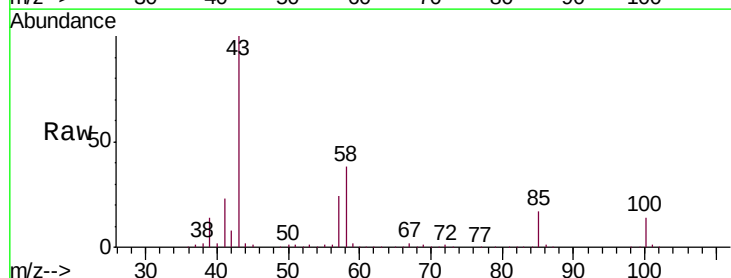
Instrument :
 MSVOA_U
 ClientSampled :
 DB8J8

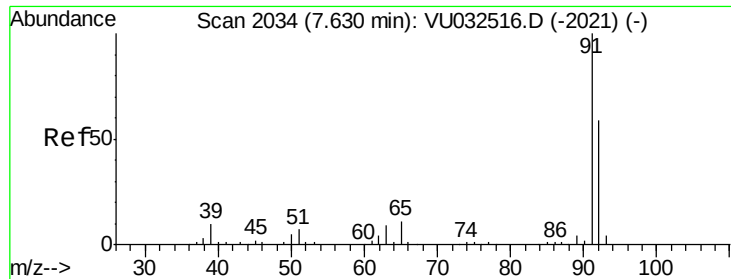
Tgt Ion: 75 Resp: 2305
 Ion Ratio Lower Upper
 75 100
 77 46.7 22.0 41.0#



#40
 4-Methyl-2-pentanone
 Concen: 196.264 ug/L
 RT: 7.45 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VU032525.D
 Acq: 07 Jun 2019 02:53

Tgt Ion: 43 Resp: 481828
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.8 46.2
 100 14.3 12.1 18.1





#42

Toluene

Concen: 95.055 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

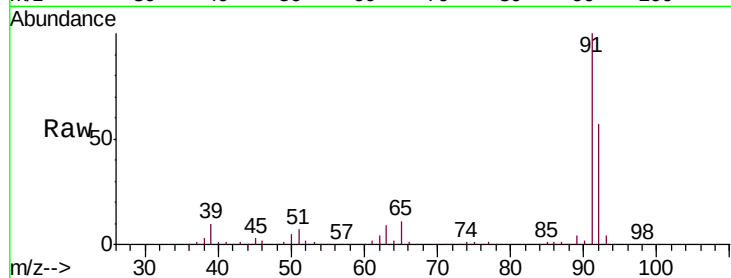
DB8J8

Tgt Ion: 91 Resp: 599274

Ion Ratio Lower Upper

91 100

92 57.4 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032516.D (-2021) (-)

Ion 92.00 (91.70 to 92.70): VU032516.D (-2021) (-)

7.63

400000

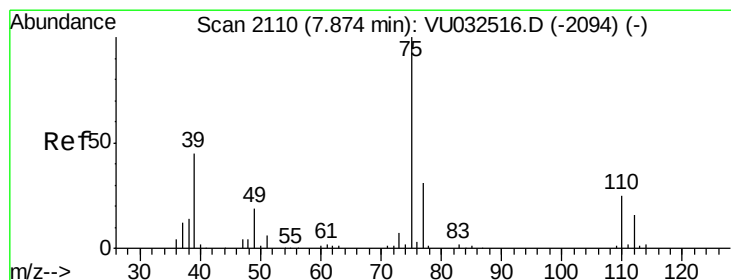
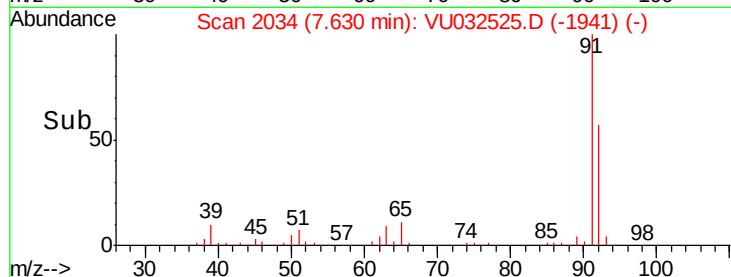
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.931 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032525.D

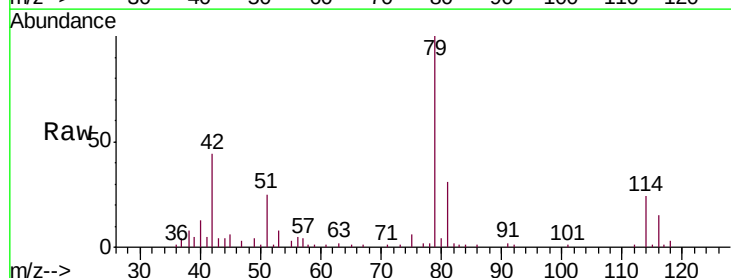
Acq: 07 Jun 2019 02:53

Tgt Ion: 75 Resp: 1989

Ion Ratio Lower Upper

75 100

77 32.9 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU032516.D (-2094) (-)

Ion 77.00 (76.70 to 77.70): VU032516.D (-2094) (-)

7.85

1200

1000

800

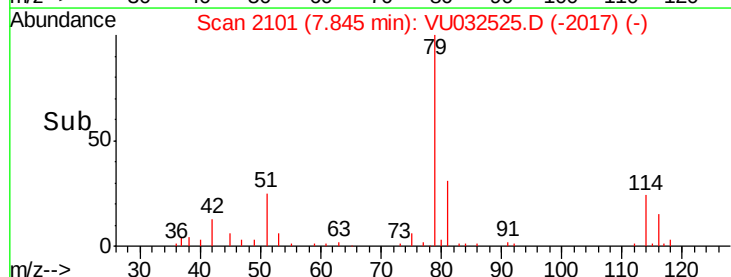
600

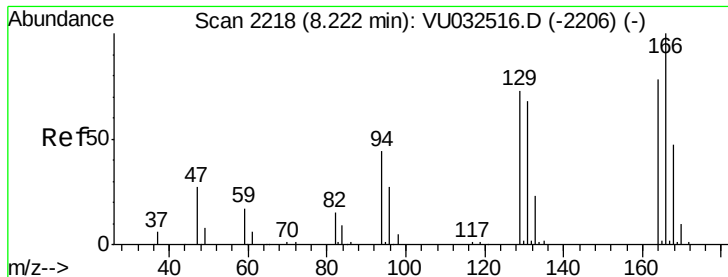
400

200

0

Time-->





#46

Tetrachloroethene

Concen: 4.031 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

DB8J8

Tgt Ion:164 Resp: 5214

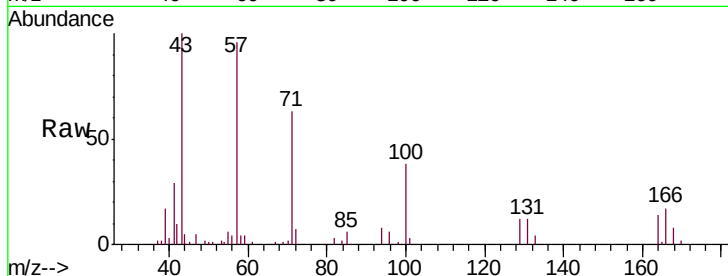
Ion Ratio Lower Upper

164 100

129 91.6 65.3 121.3

131 91.2 64.0 119.0

166 125.1 88.8 165.0

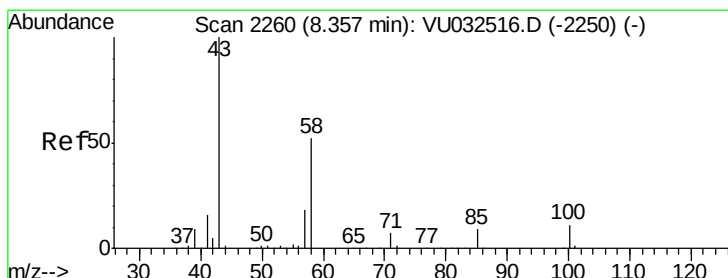
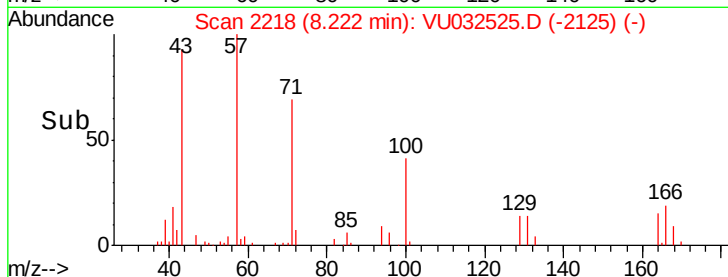
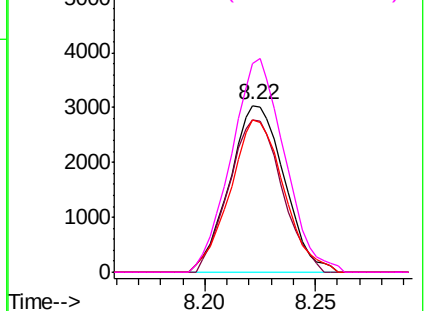


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1231.674 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Tgt Ion: 43 Resp: 2483566

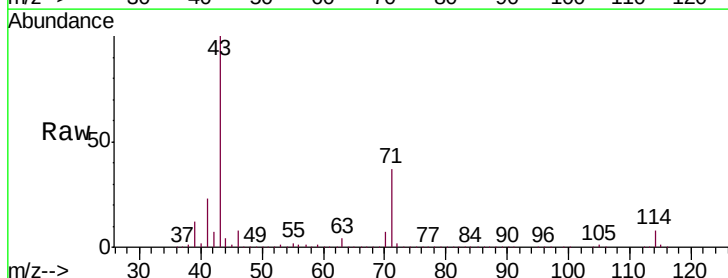
Ion Ratio Lower Upper

43 100

58 0.2 42.0 63.0#

57 0.6 14.6 22.0#

100 0.0 9.2 13.8#

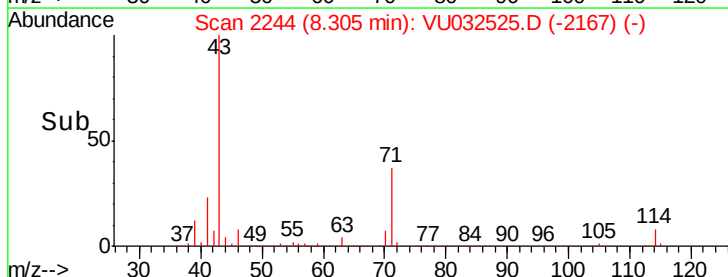
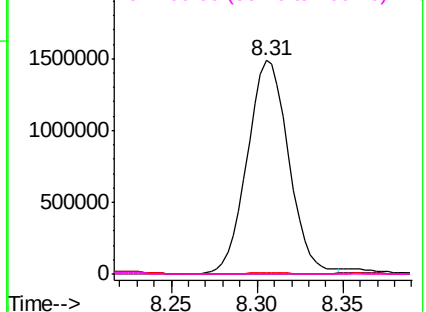


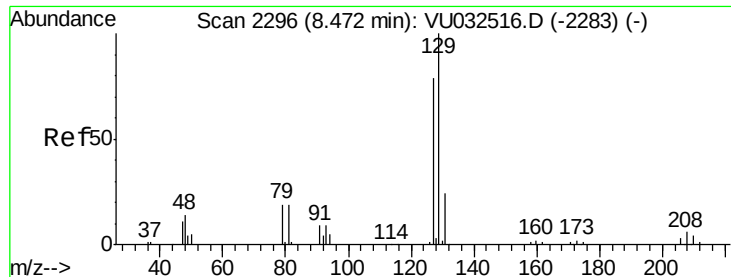
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 2.768 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

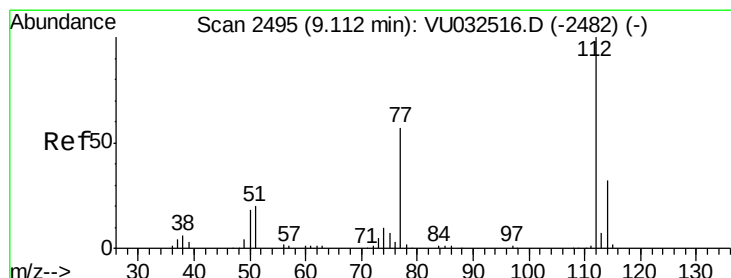
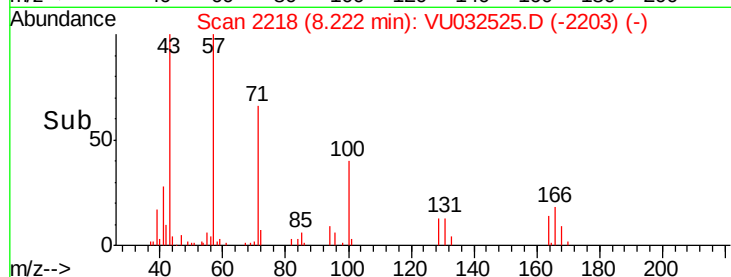
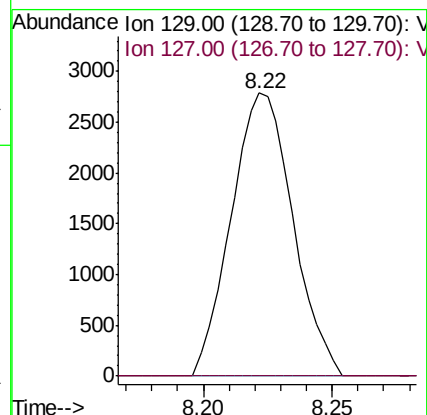
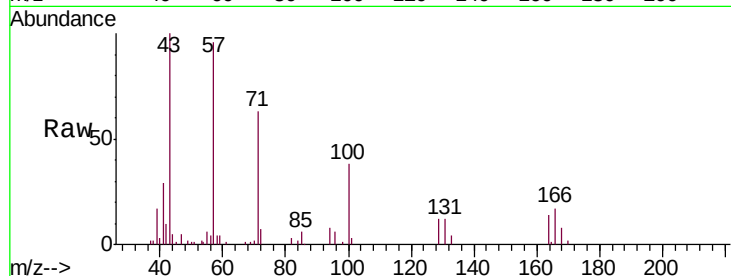
DB8J8

Tgt Ion:129 Resp: 4643

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#51

Chlorobenzene

Concen: 6.572 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

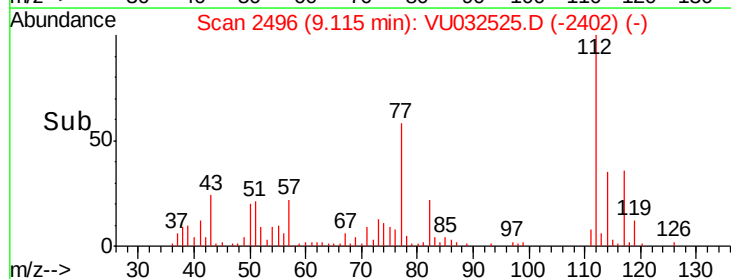
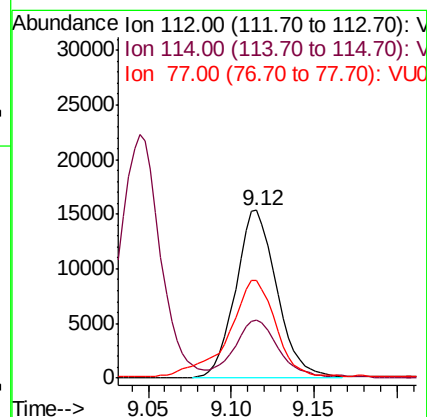
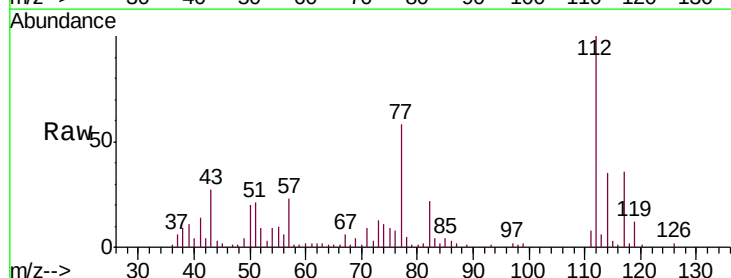
Tgt Ion:112 Resp: 26694

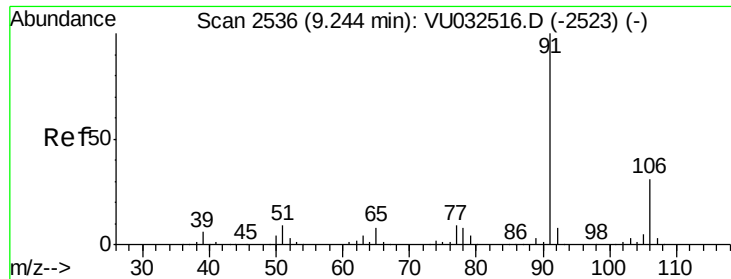
Ion Ratio Lower Upper

112 100

114 34.7 22.6 42.0

77 57.9 46.1 69.1





#52

Ethylbenzene

Concen: 32.033 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

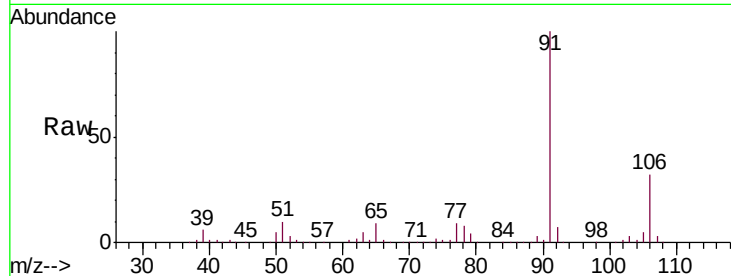
DB8J8

Tgt Ion: 91 Resp: 225104

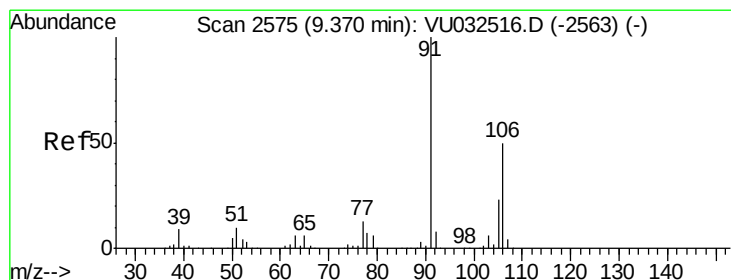
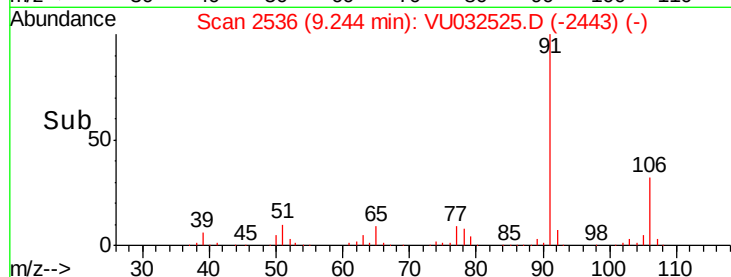
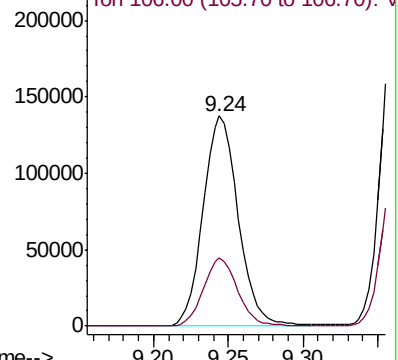
Ion Ratio Lower Upper

91 100

106 32.4 22.0 41.0



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



#53

m,p-Xylene

Concen: 93.161 ug/L

RT: 9.37 min Scan# 2574

Delta R.T. -0.00 min

Lab File: VU032525.D

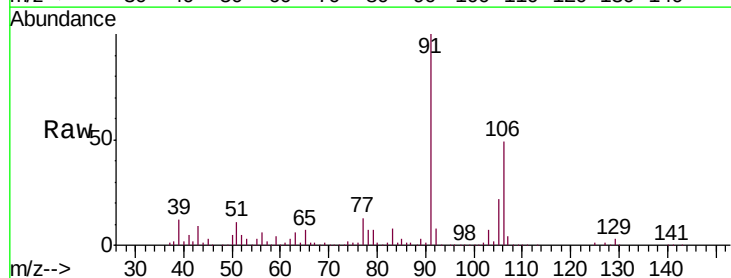
Acq: 07 Jun 2019 02:53

Tgt Ion: 106 Resp: 248943

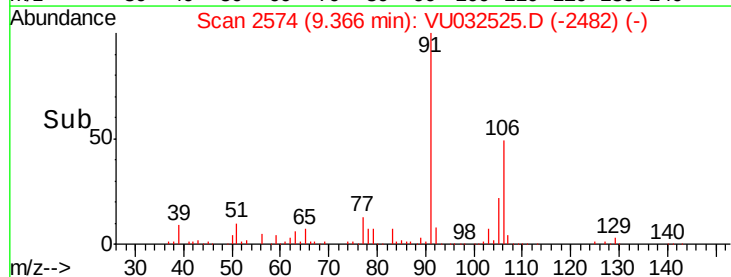
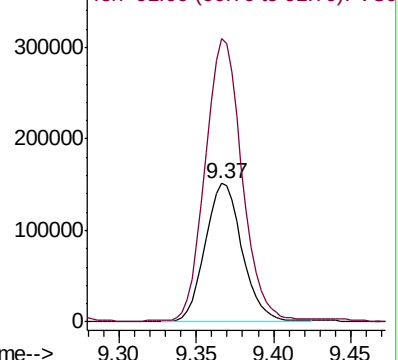
Ion Ratio Lower Upper

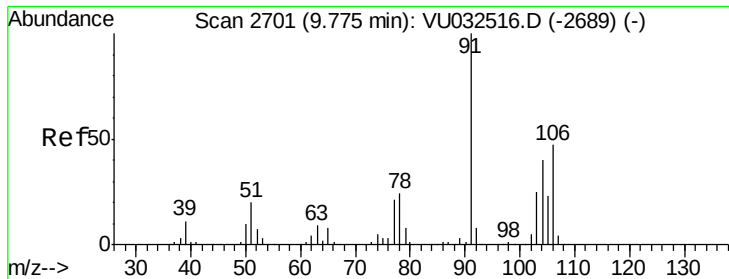
106 100

91 204.5 141.7 263.1



Abundance Ion 106.00 (105.70 to 106.70): VU032516.D (-2563) (-)





#54

o-xylene

Concen: 57.179 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Instrument :

MSVOA_U

ClientSampled :

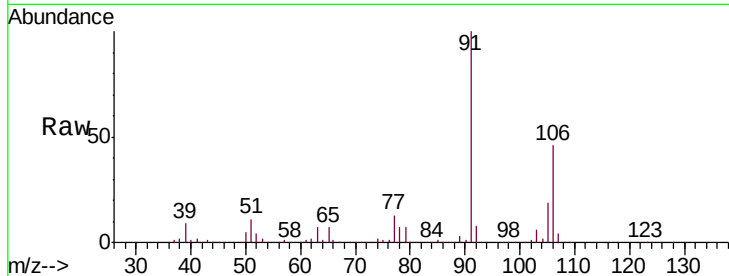
DB8J8

Tgt Ion:106 Resp: 151705

Ion Ratio Lower Upper

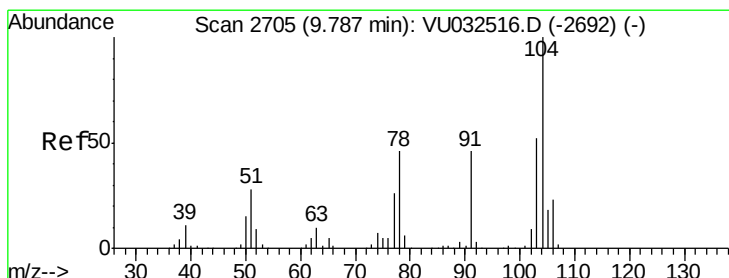
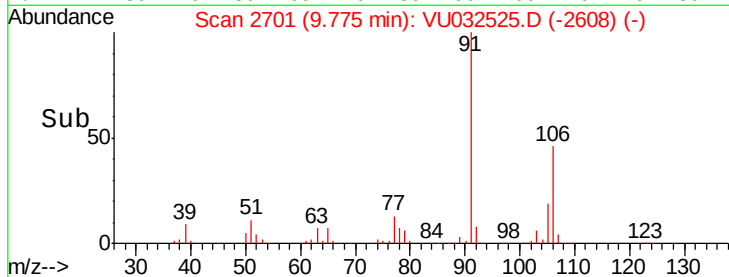
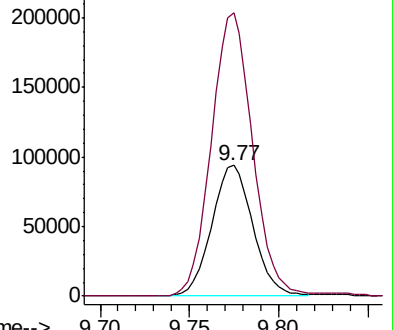
106 100

91 216.6 150.1 278.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 1.959 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.01 min

Lab File: VU032525.D

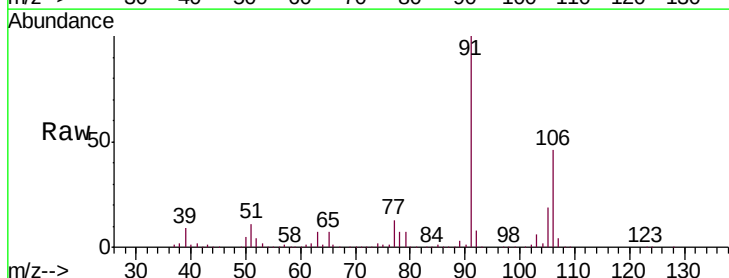
Acq: 07 Jun 2019 02:53

Tgt Ion:104 Resp: 8677

Ion Ratio Lower Upper

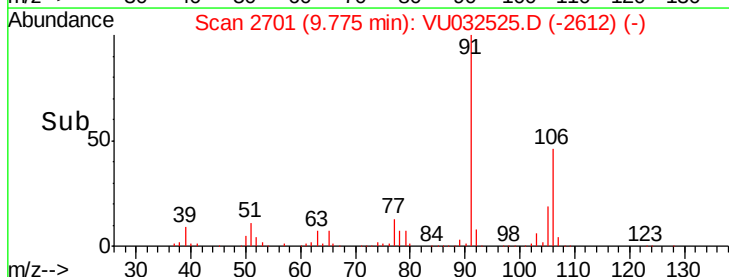
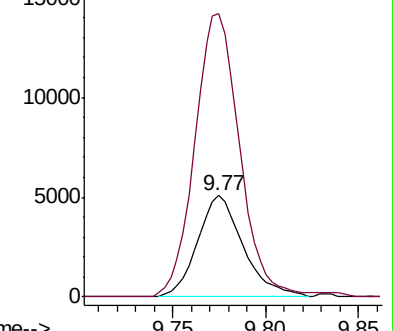
104 100

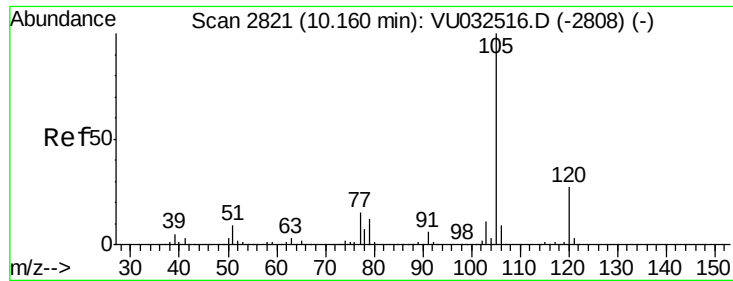
78 280.0 31.6 58.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 12.693 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

DB8J8

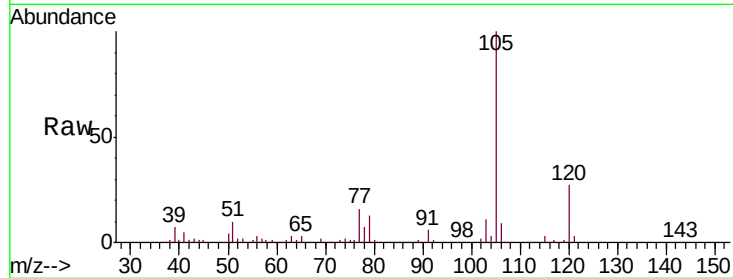
Tgt Ion: 105 Resp: 88801

Ion Ratio Lower Upper

105 100

120 26.4 21.6 32.4

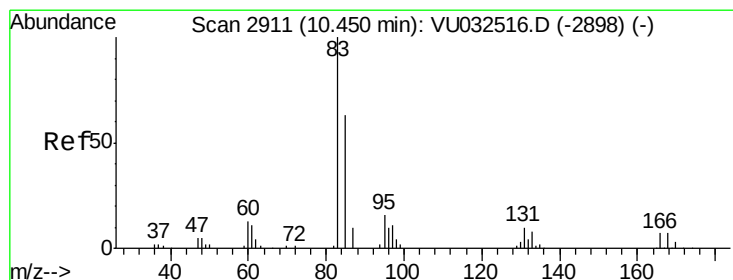
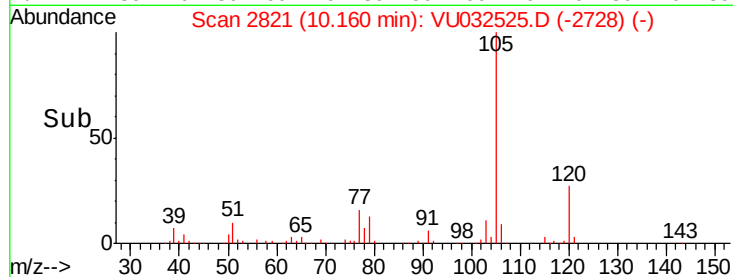
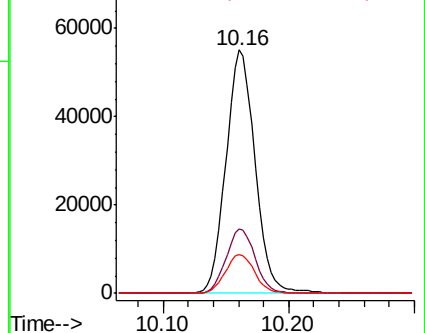
77 16.0 12.4 18.6



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



#58

1,1,2,2-Tetrachloroethane

Concen: 0.532 ug/L

RT: 10.49 min Scan# 2923

Delta R.T. 0.04 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

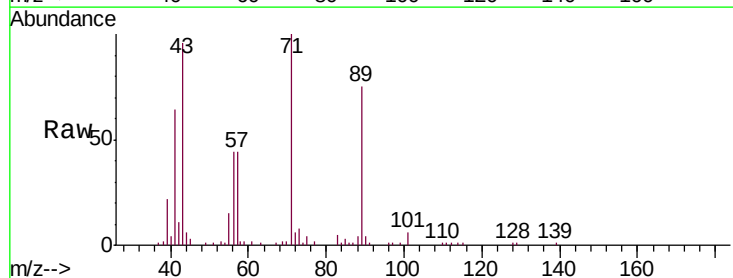
Tgt Ion: 83 Resp: 1312

Ion Ratio Lower Upper

83 100

85 57.3 45.1 83.7

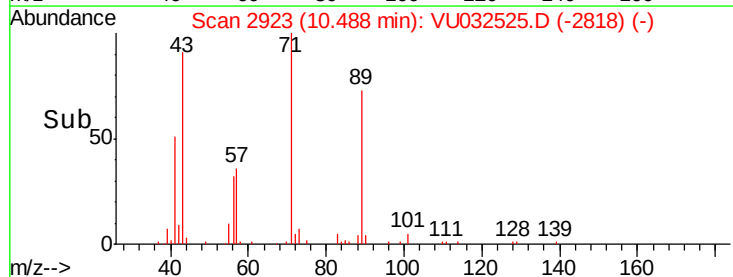
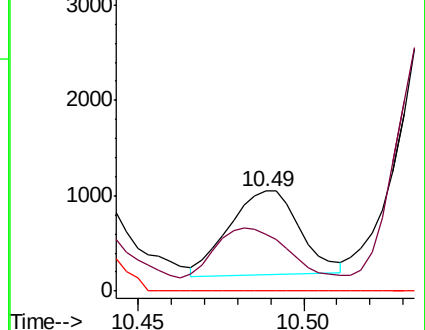
131 0.0 7.9 11.9#

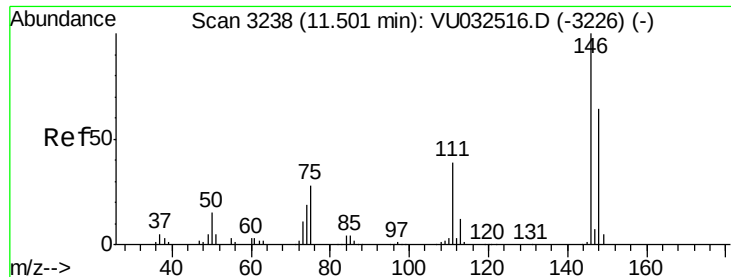


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#63

1,4-Dichlorobenzene

Concen: 1.324 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

DB8J8

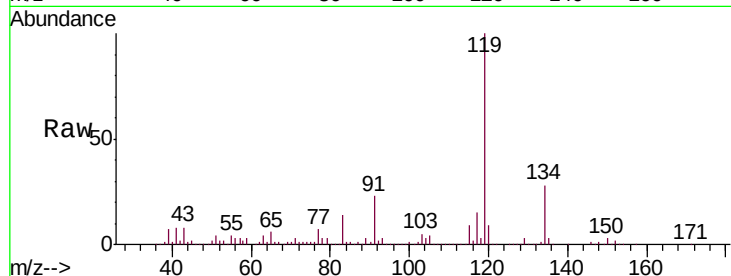
Tgt Ion:146 Resp: 4920

Ion Ratio Lower Upper

146 100

111 49.4 26.6 49.4#

148 62.5 44.9 83.5

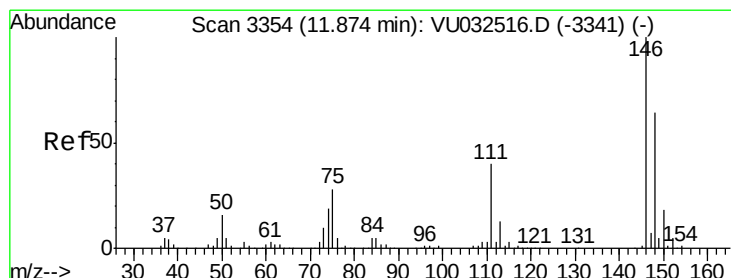
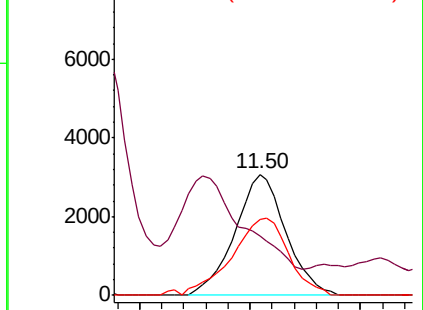
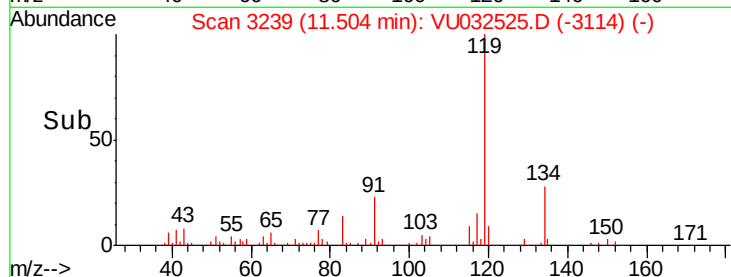


Abundance

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: 0.959 ug/L

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU032525.D

Acq: 07 Jun 2019 02:53

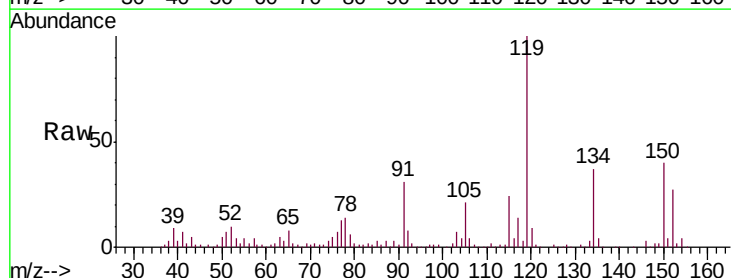
Tgt Ion:146 Resp: 3522

Ion Ratio Lower Upper

146 100

111 66.1 32.6 48.8#

148 59.9 50.5 75.7

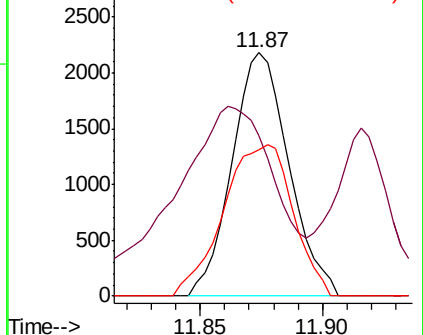
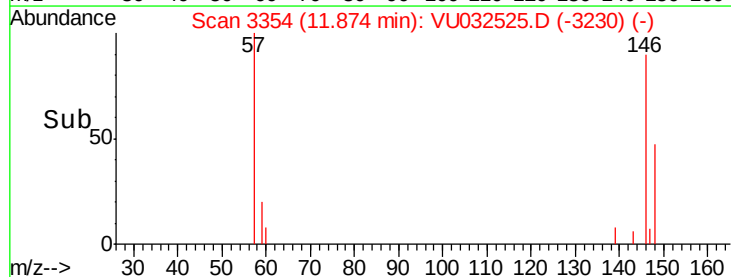


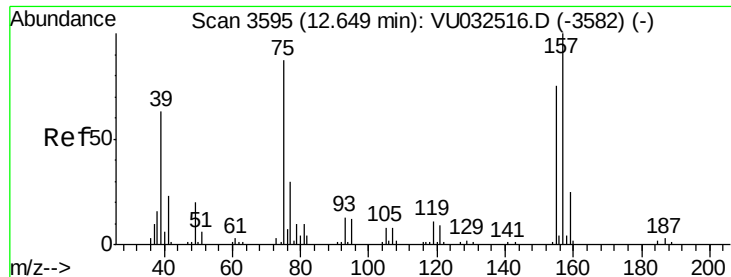
Abundance

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

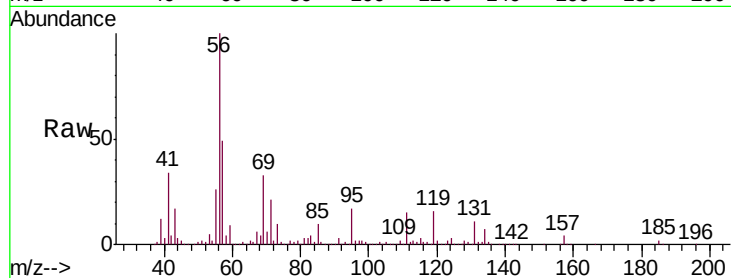




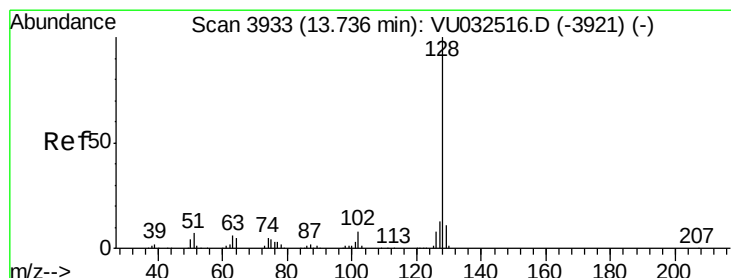
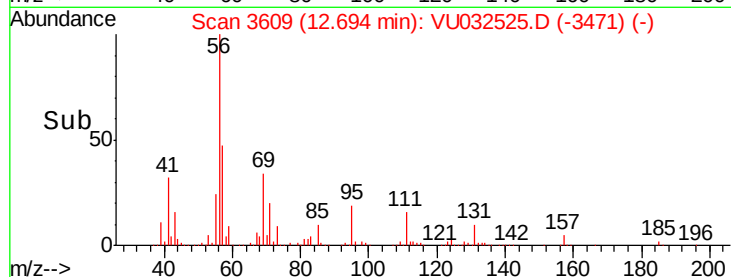
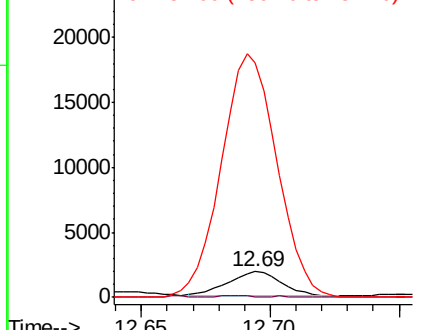
#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.332 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.04 min
 Lab File: VU032525.D
 Acq: 07 Jun 2019 02:53

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J8

Tgt Ion: 75 Resp: 2678
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.1 109.7#
 157 902.2 91.4 137.2#

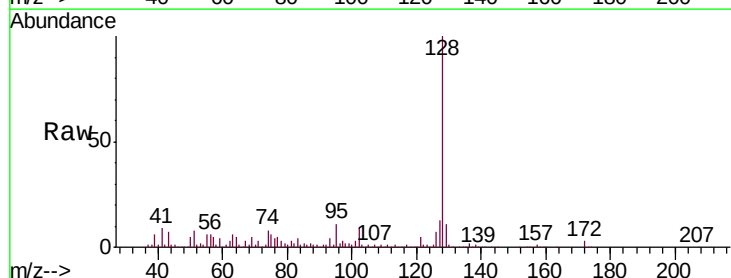


Abundance Ion 75.00 (74.70 to 75.70): VU032516.D (-3582) (-)
 Ion 155.00 (154.70 to 155.70): VU032516.D (-3582) (-)
 Ion 157.00 (156.70 to 157.70): VU032516.D (-3582) (-)

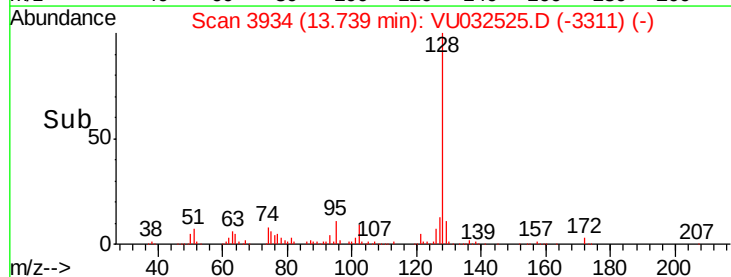
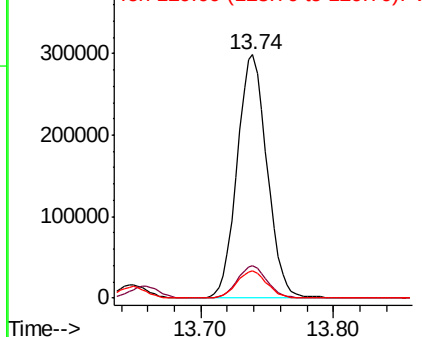


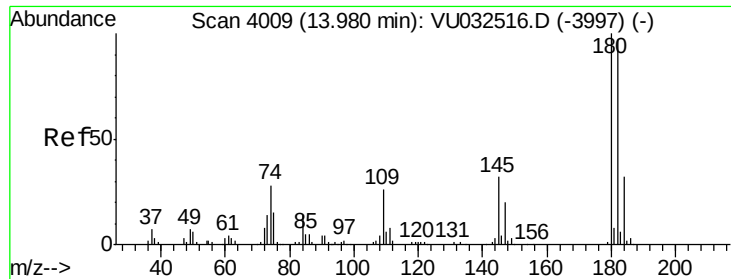
#69
 Naphthalene
 Concen: 61.959 ug/L
 RT: 13.74 min Scan# 3934
 Delta R.T. 0.00 min
 Lab File: VU032525.D
 Acq: 07 Jun 2019 02:53

Tgt Ion: 128 Resp: 468161
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.4 15.6
 129 11.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): VU032516.D (-3921) (-)
 Ion 127.00 (126.70 to 127.70): VU032516.D (-3921) (-)
 Ion 129.00 (128.70 to 129.70): VU032516.D (-3921) (-)

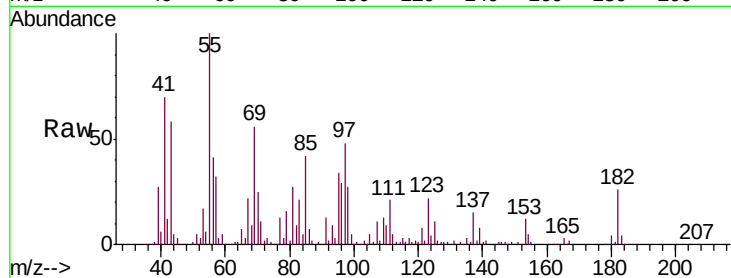




#70
 1,2,3-Trichlorobenzene
 Concen: 1.028 ug/L
 RT: 14.00 min Scan# 4014
 Delta R.T. 0.02 min
 Lab File: VU032525.D
 Acq: 07 Jun 2019 02:53

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J8

Tgt Ion:180 Resp: 2564
 Ion Ratio Lower Upper
 180 100
 182 612.3 76.7 115.1#
 145 1.1 25.4 38.2#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

