

Data File : VU032526.D
Acq On : 07 Jun 2019 03:16
Operator : JC/SP
Sample : K3215-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8J4

Quant Time: Jun 07 07:06:15 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	226725	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	219474	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	124879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44051	29.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.90%#
7) Chloroethane-d5	1.68	69	41463	35.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.16%
11) 1,1-Dichloroethene-d2	2.27	63	75805	26.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.64%#
21) 2-Butanone-d5	4.17	46	156362	127.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.02%
24) Chloroform-d	4.64	84	118974	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.74%
26) 1,2-Dichloroethane-d4	5.30	65	83392	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
32) Benzene-d6	5.33	84	235632	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.72%
36) 1,2-Dichloropropane-d6	6.32	67	80655	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.28%
41) Toluene-d8	7.56	98	224364	41.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.06%
43) trans-1,3-Dichloropropene-	7.85	79	37734	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.26%
47) 2-Hexanone-d5	8.31	63	117427	135.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.50%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	137932	53.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	115084	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%

Target Compounds

					Qvalue	
5) Vinyl chloride	1.40	62	20134	10.205	ug/L #	1
8) Chloroethane	1.69	64	2021	1.723	ug/L #	56
12) 1,1-Dichloroethene	2.28	96	1778	1.322	ug/L #	1
13) Acetone	2.32	43	2065287	1626.016	ug/L	98
16) Methylene chloride	2.69	84	8475	5.521	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	2470	1.694	ug/L	85
19) 1,1-Dichloroethane	3.44	63	47925	18.033	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	5197	3.150	ug/L	93
22) 2-Butanone	4.26	43	43797	29.175	ug/L	99
27) 1,2-Dichloroethane	5.39	62	3720	1.716	ug/L #	75
29) Cyclohexane	4.99	56	3469	1.329	ug/L	97
33) Benzene	5.38	78	190312	30.862	ug/L	100
34) Trichloroethene	6.18	95	17330	10.330	ug/L	97
35) Methylcyclohexane	6.41	83	1734	0.638	ug/L #	28
37) 1,2-Dichloropropane	6.43	63	11093	6.786	ug/L #	98
39) cis-1,3-Dichloropropene	7.22	75	2463	0.955	ug/L #	74
40) 4-Methyl-2-pentanone	7.45	43	662223	251.816	ug/L	98

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Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

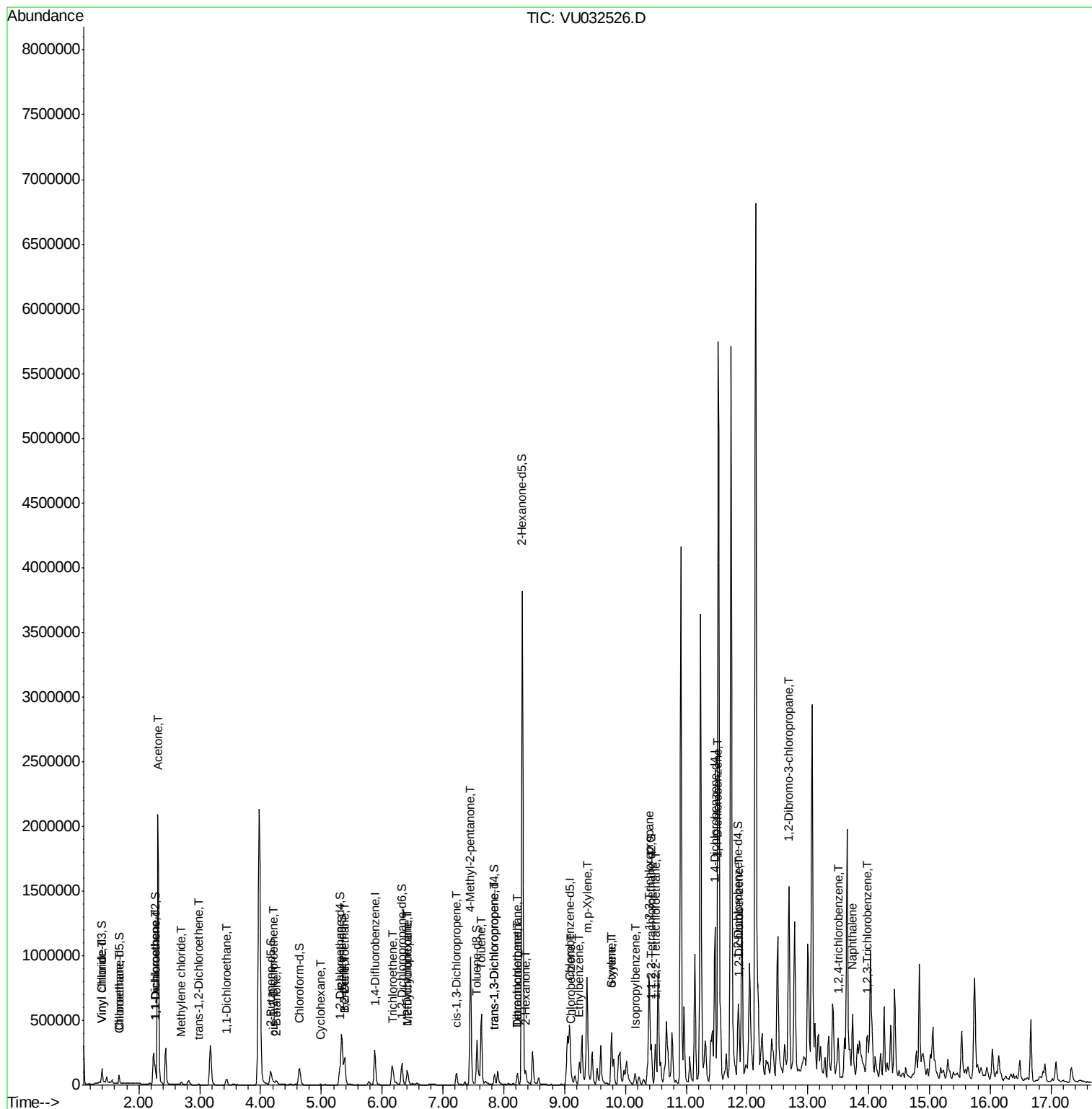
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	381369	56.471	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	1758	0.768	ug/L	89
46) Tetrachloroethene	8.22	164	2836	2.047	ug/L	96
48) 2-Hexanone	8.36	43	79751	36.922	ug/L #	78
49) Dibromochloromethane	8.22	129	2495	1.389	ug/L #	11
51) Chlorobenzene	9.12	112	21414	4.922	ug/L	95
52) Ethylbenzene	9.24	91	120234	15.972	ug/L	99
53) m,p-Xylene	9.37	106	139362	48.687	ug/L	98
54) o-xylene	9.77	106	102001	35.890	ug/L	98
55) Styrene	9.77	104	5365	1.131	ug/L #	1
56) Isopropylbenzene	10.16	105	48314	6.447	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.49	83	1633	0.618	ug/L #	76
59) 1,2,3-Trichloropropane	10.39	75	995	0.468	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	3781	0.979	ug/L #	88
65) 1,2-Dichlorobenzene	11.88	146	2824	0.739	ug/L #	81
66) 1,2-Dibromo-3-chloropropan	12.69	75	3934	6.121	ug/L #	1
68) 1,2,4-trichlorobenzene	13.50	180	1017	0.408	ug/L #	1
69) Naphthalene	13.74	128	234382	29.839	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	1698	0.655	ug/L #	1

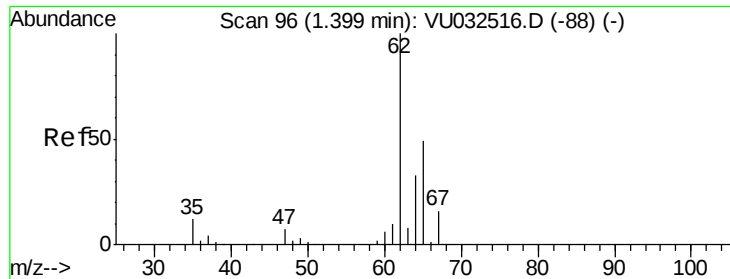
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 10.205 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

Instrument :

MSVOA_U

ClientSampleId :

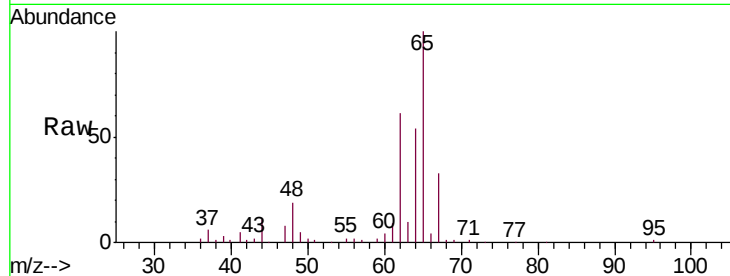
DB8J4

Tgt Ion: 62 Resp: 20134

Ion Ratio Lower Upper

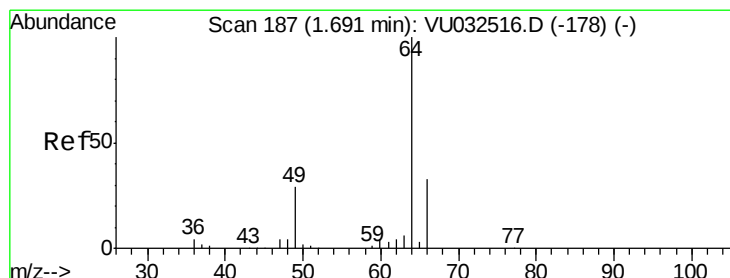
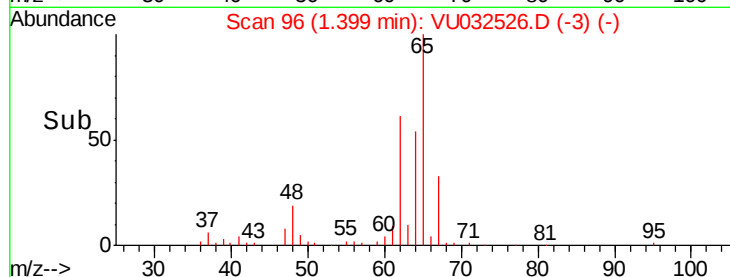
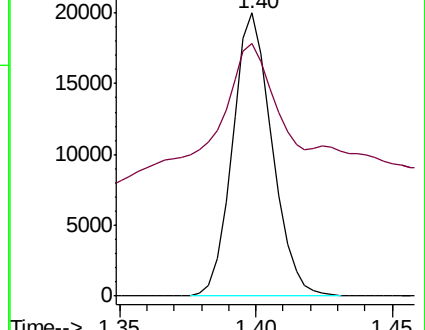
62 100

64 89.3 22.6 42.0#



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

Ion 64.00 (63.70 to 64.70): VU032516.D (-88) (-)



#8

Chloroethane

Concen: 1.723 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU032526.D

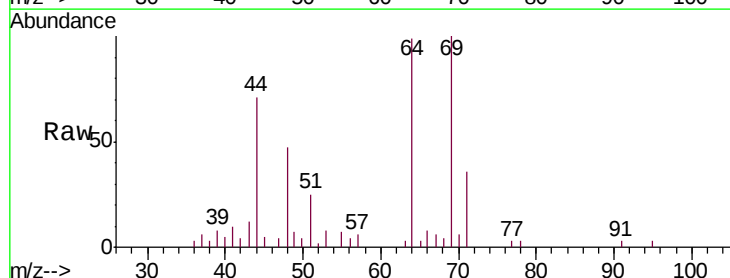
Acq: 07 Jun 2019 03:16

Tgt Ion: 64 Resp: 2021

Ion Ratio Lower Upper

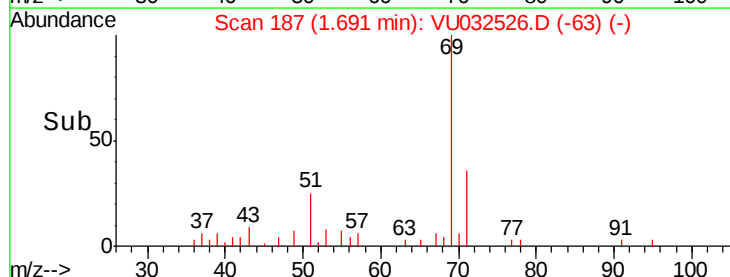
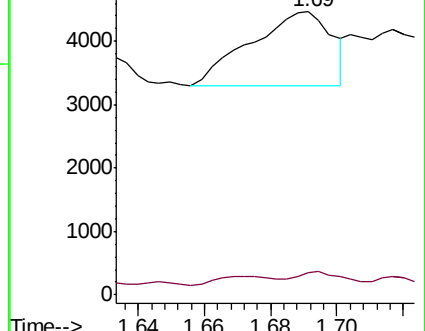
64 100

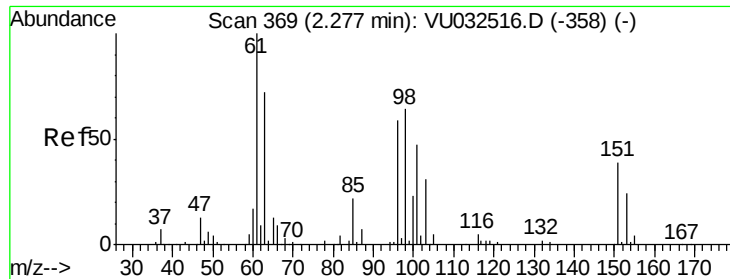
66 8.0 22.9 42.5#



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

Ion 66.00 (65.70 to 66.70): VU032516.D (-178) (-)





#12

1,1-Dichloroethene

Concen: 1.322 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

Instrument :

MSVOA_U

ClientSampleId :

DB8J4

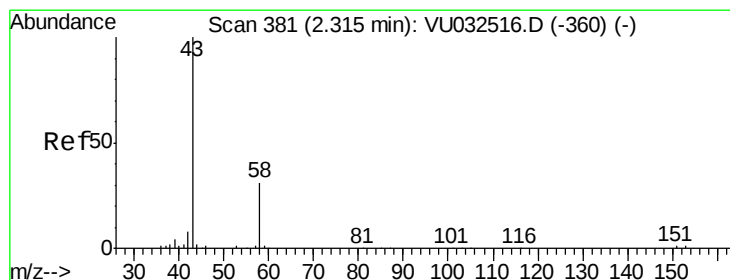
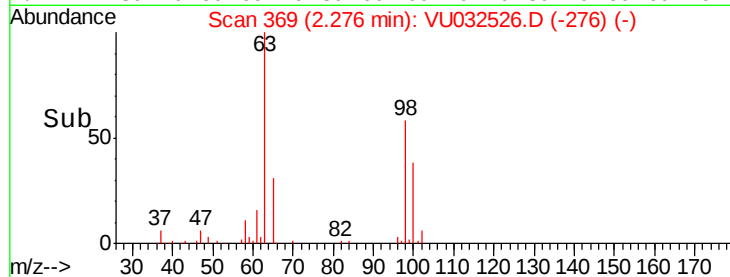
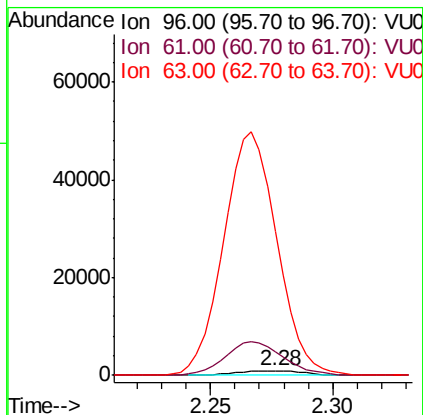
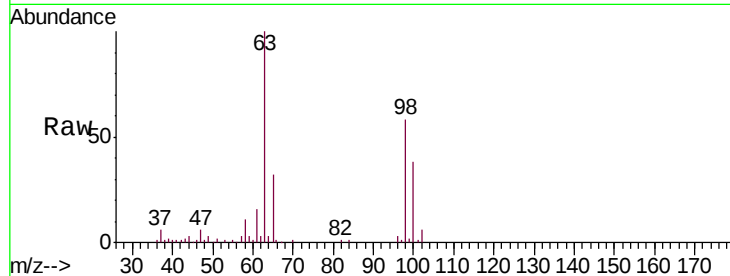
Tgt Ion: 96 Resp: 1778

Ion Ratio Lower Upper

96 100

61 513.7 129.5 240.5#

63 3120.3 103.4 192.0#



#13

Acetone

Concen: 1626.016 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032526.D

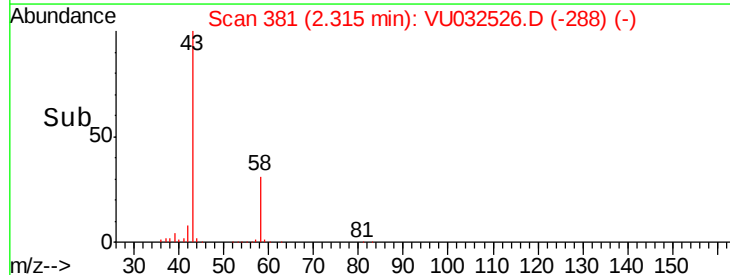
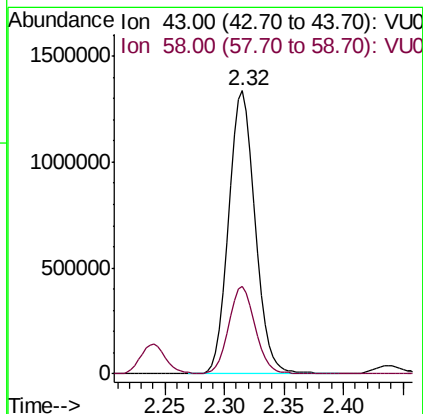
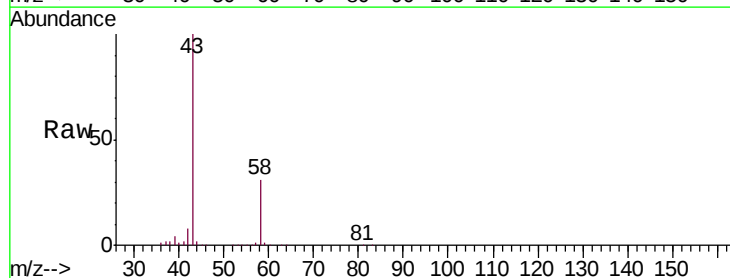
Acq: 07 Jun 2019 03:16

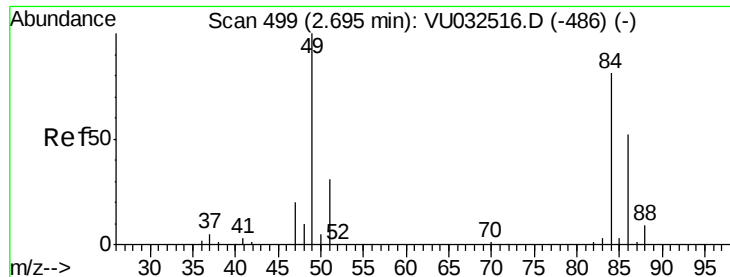
Tgt Ion: 43 Resp: 2065287

Ion Ratio Lower Upper

43 100

58 30.6 0.0 64.0

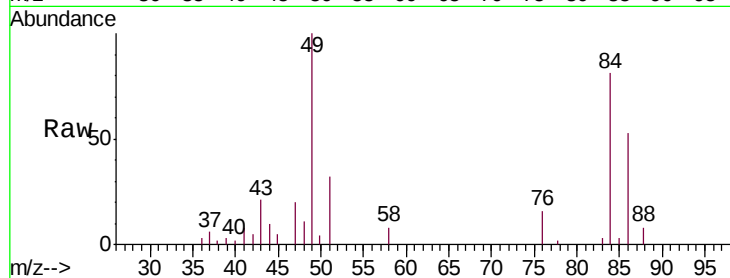




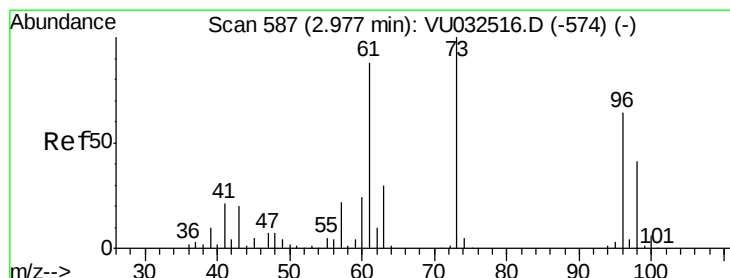
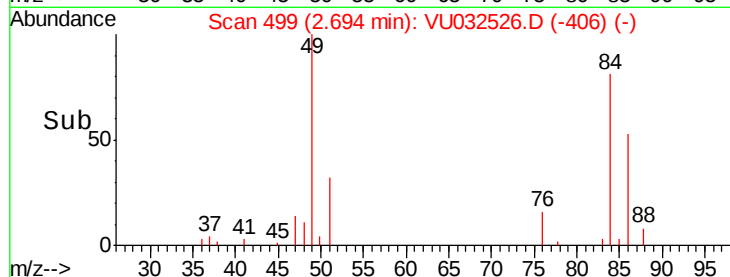
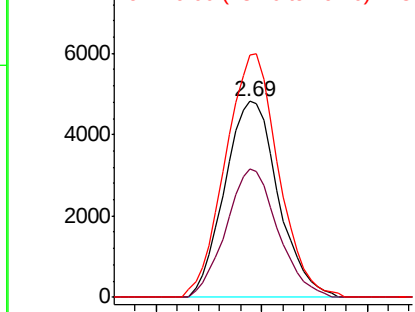
#16
Methylene chloride
Concen: 5.521 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

Instrument :
MSVOA_U
ClientSampleId :
DB8J4

Tgt Ion: 84 Resp: 8475
Ion Ratio Lower Upper
84 100
86 65.9 44.7 82.9
49 124.1 86.1 159.9

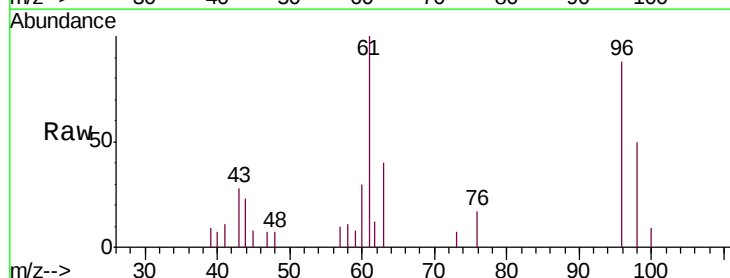


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

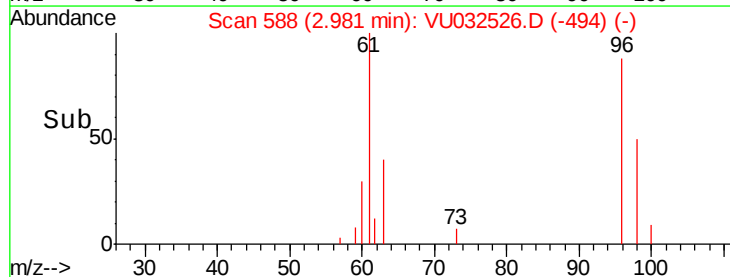
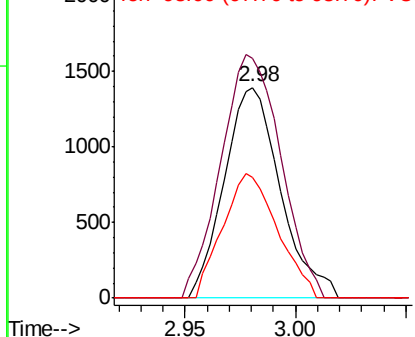


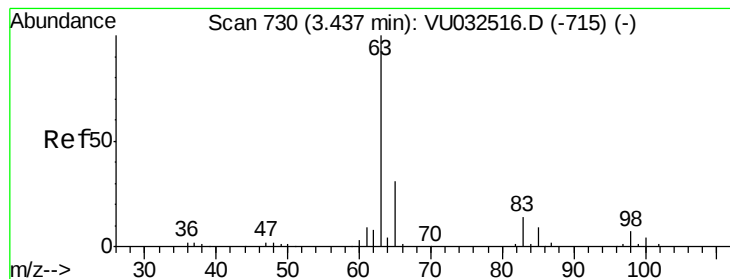
#17
trans-1,2-Dichloroethene
Concen: 1.694 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

Tgt Ion: 96 Resp: 2470
Ion Ratio Lower Upper
96 100
61 113.8 95.7 177.7
98 57.4 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





#19

1,1-Dichloroethane

Concen: 18.033 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

Instrument :

MSVOA_U

ClientSampleId :

DB8J4

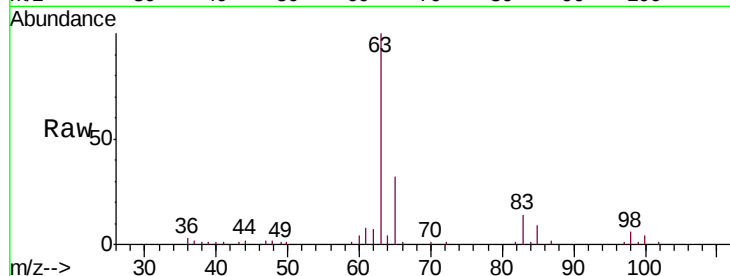
Tgt Ion: 63 Resp: 47925

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.6

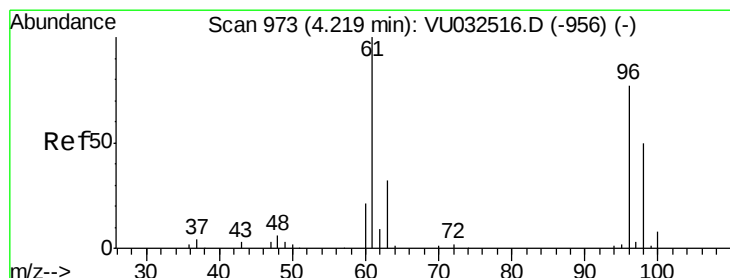
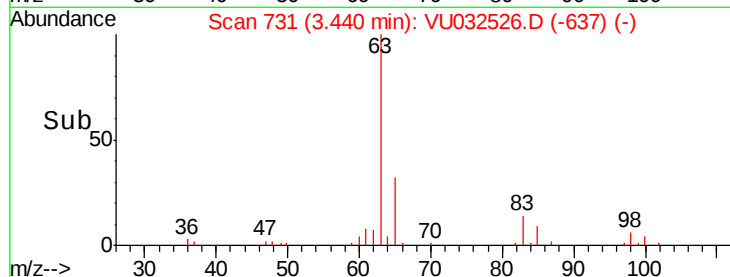
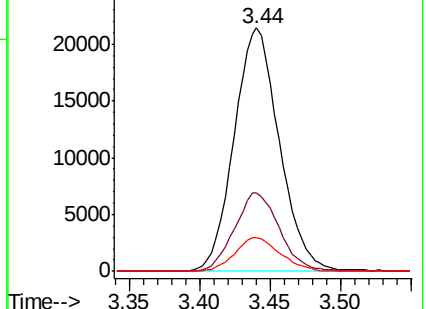
83 14.0 9.8 18.2



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: 3.150 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

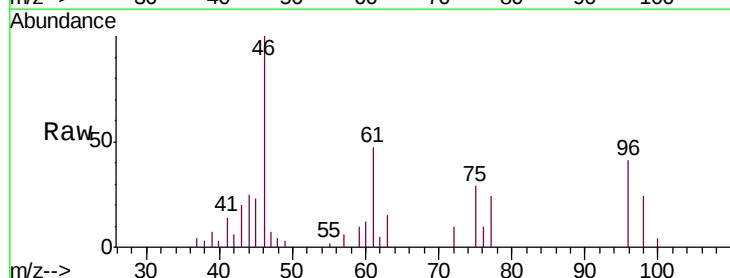
Tgt Ion: 96 Resp: 5197

Ion Ratio Lower Upper

96 100

61 116.4 87.2 162.0

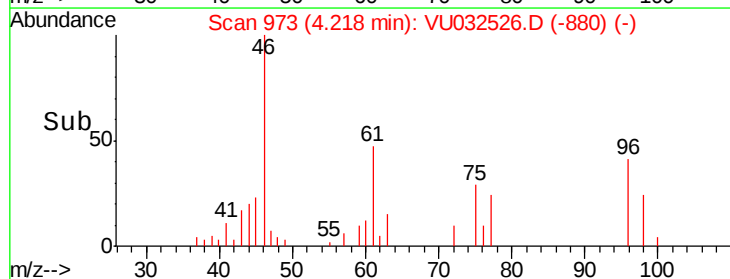
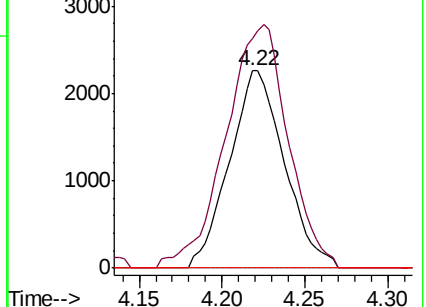
68 0.0 0.0 0.0

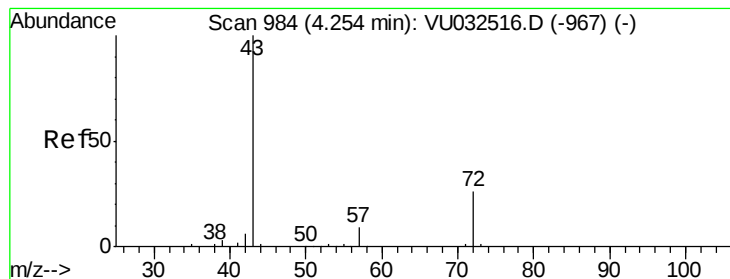


Abundance Ion 96.00 (95.70 to 96.70): VU032516.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU032516.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU032516.D (-956) (-)





#22

2-Butanone

Concen: 29.175 ug/L

RT: 4.26 min Scan# 986

Delta R.T. 0.01 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

Instrument :

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ClientSampleId :

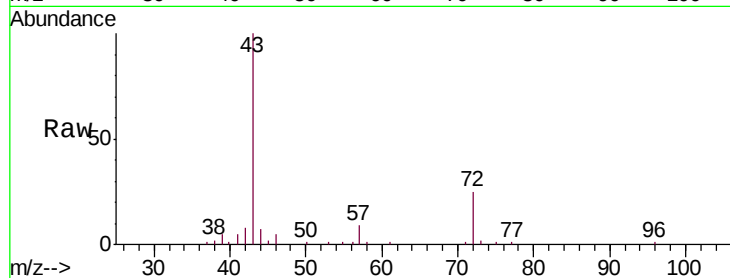
DB8J4

Tgt Ion: 43 Resp: 43797

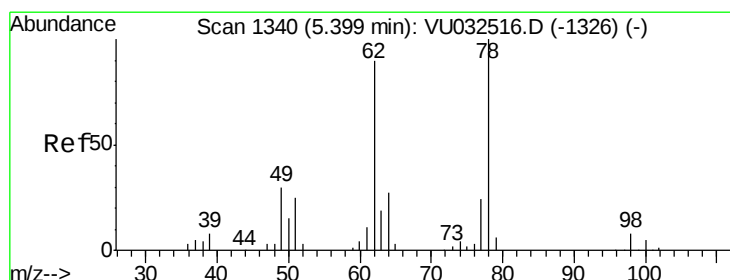
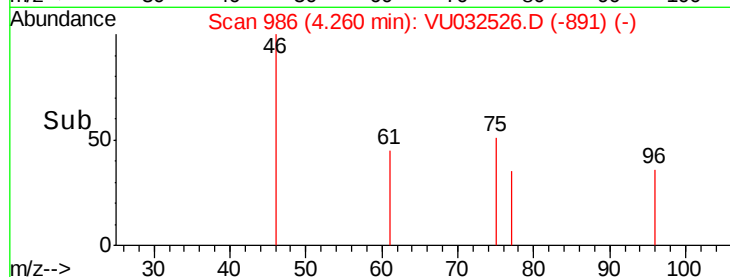
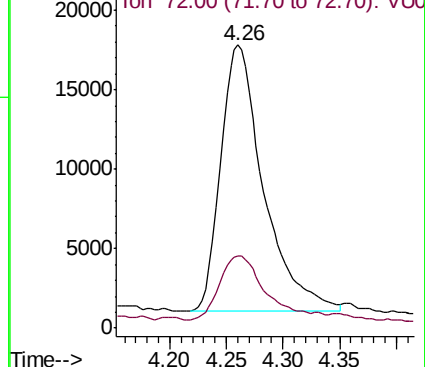
Ion Ratio Lower Upper

43 100

72 25.5 13.1 39.3



Abundance Ion 43.00 (42.70 to 43.70): VU032516.D (-967) (-)



#27

1,2-Dichloroethane

Concen: 1.716 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. -0.01 min

Lab File: VU032526.D

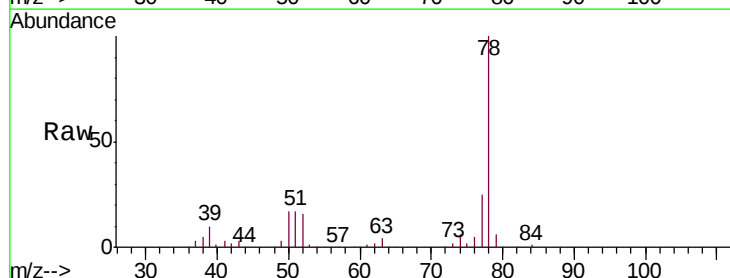
Acq: 07 Jun 2019 03:16

Tgt Ion: 62 Resp: 3720

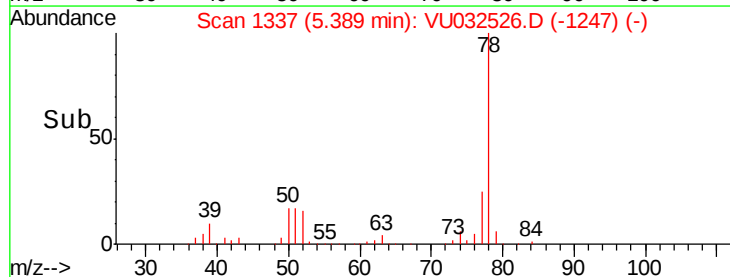
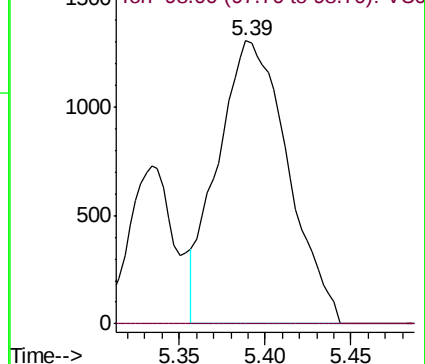
Ion Ratio Lower Upper

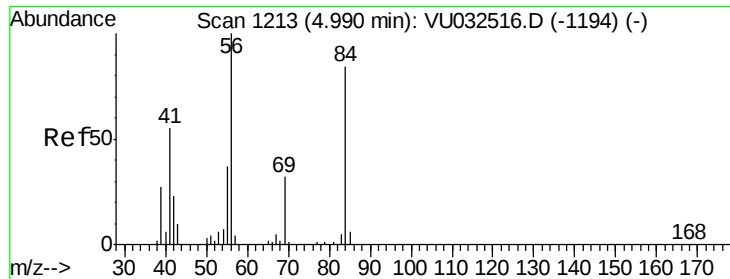
62 100

98 0.0 7.2 10.8#



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

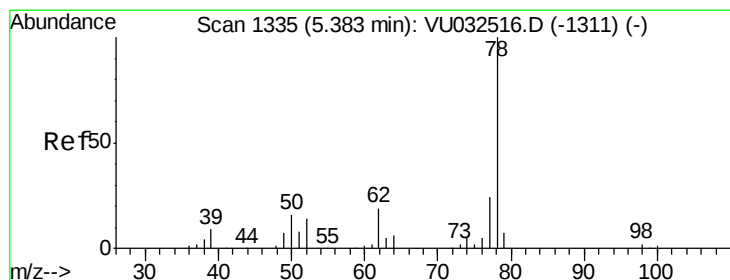
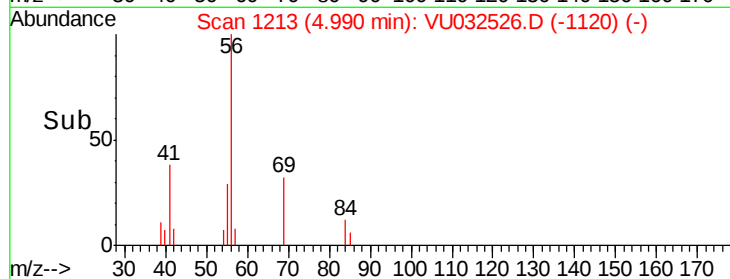
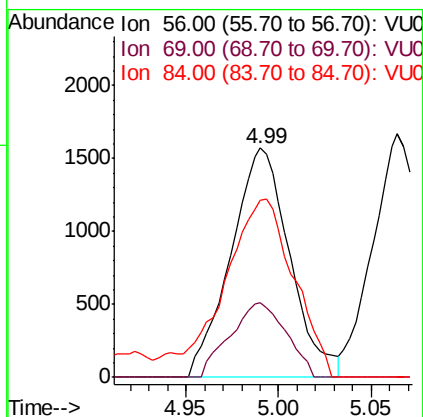
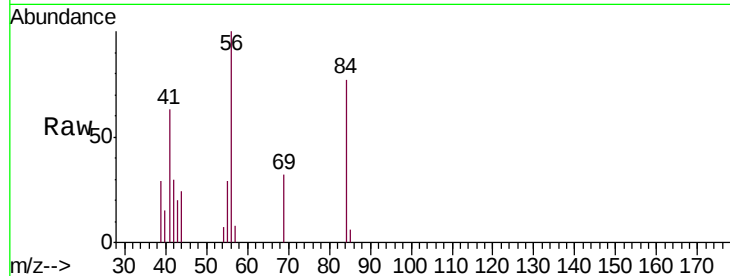




#29
Cyclohexane
Concen: 1.329 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

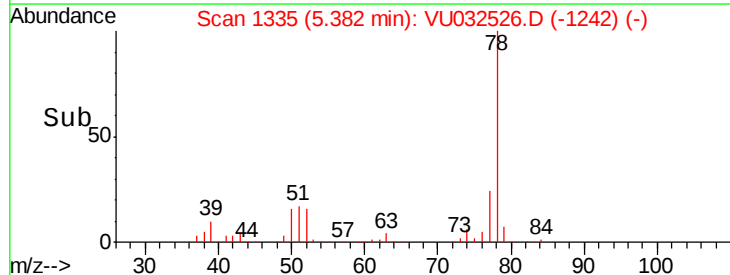
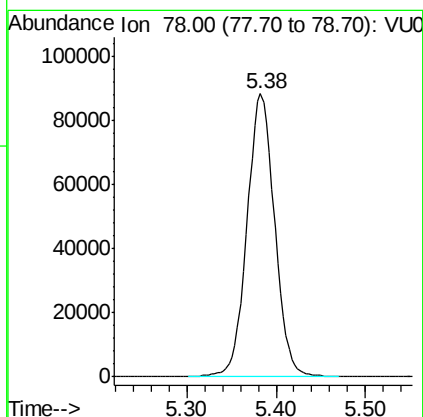
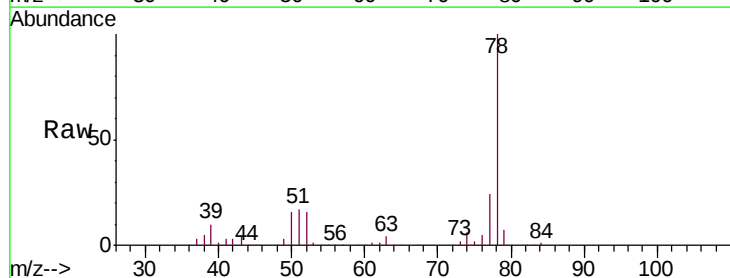
Instrument :
MSVOA_U
ClientSampleId :
DB8J4

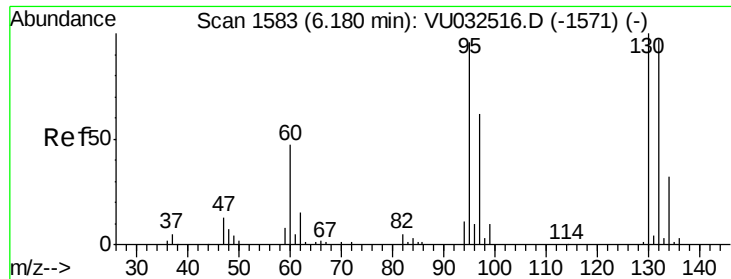
Tgt Ion: 56 Resp: 3469
Ion Ratio Lower Upper
56 100
69 30.8 24.7 37.1
84 89.5 69.0 103.4



#33
Benzene
Concen: 30.862 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

Tgt Ion: 78 Resp: 190312

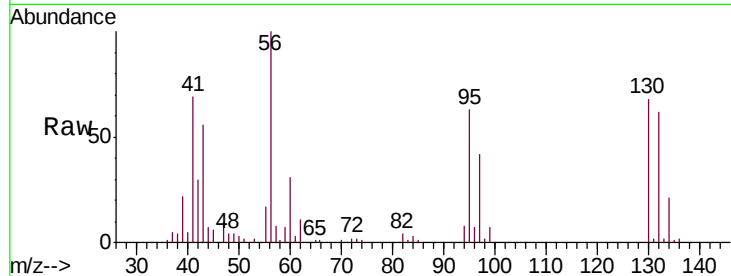




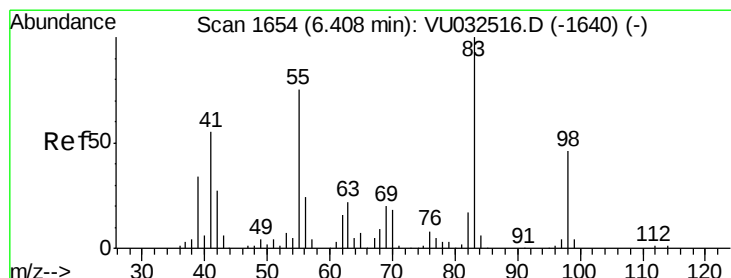
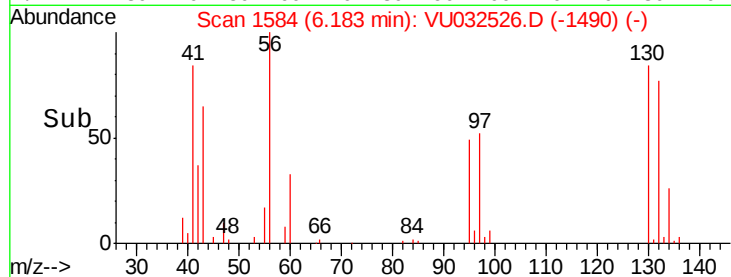
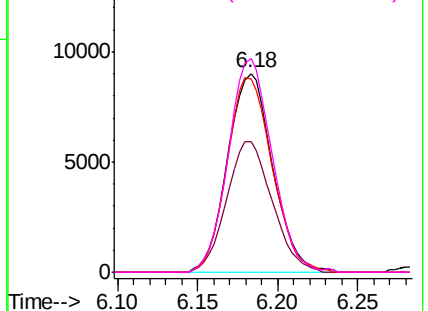
#34
 Trichloroethene
 Concen: 10.330 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032526.D
 Acq: 07 Jun 2019 03:16

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J4

Tgt Ion: 95 Resp: 17330
 Ion Ratio Lower Upper
 95 100
 97 65.7 45.8 85.2
 132 97.3 71.0 131.8
 130 107.4 73.4 136.2

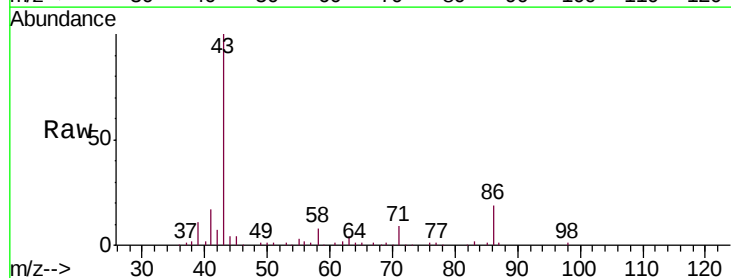


Abundance Ion 95.00 (94.70 to 95.70): VU0
 15000 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

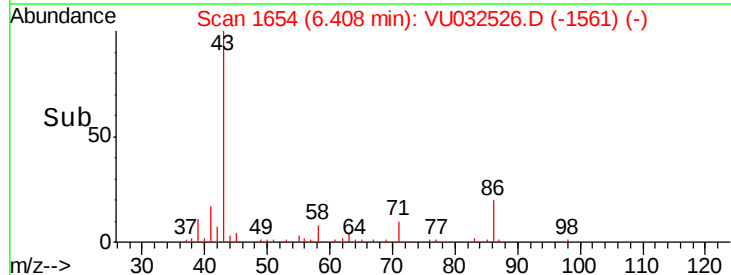
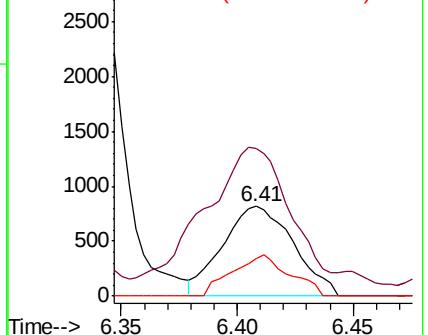


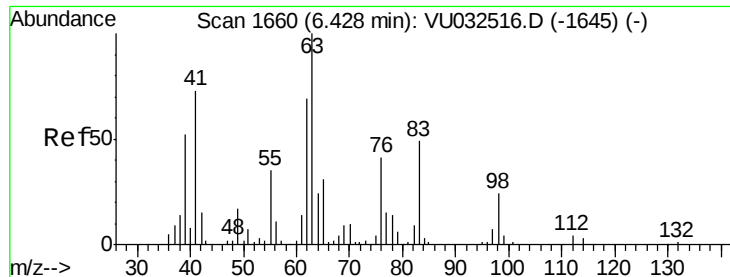
#35
 Methylcyclohexane
 Concen: 0.638 ug/L
 RT: 6.41 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: VU032526.D
 Acq: 07 Jun 2019 03:16

Tgt Ion: 83 Resp: 1734
 Ion Ratio Lower Upper
 83 100
 55 166.6 60.2 90.4#
 98 37.1 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VU0
 3000 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

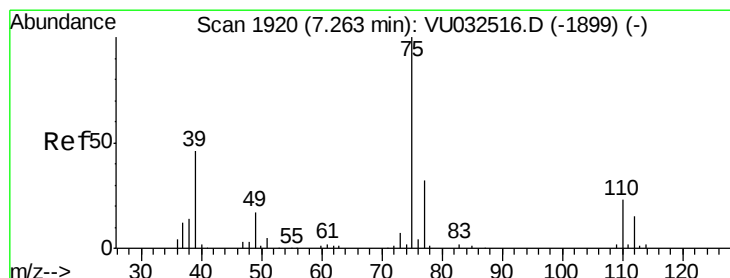
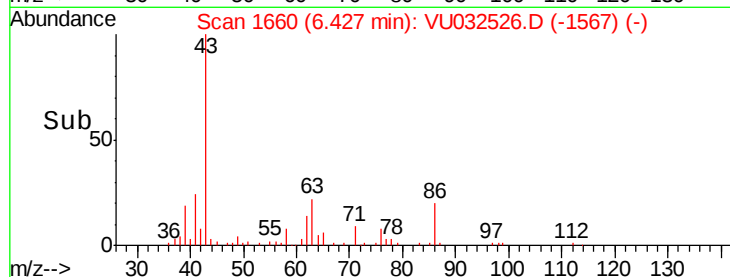
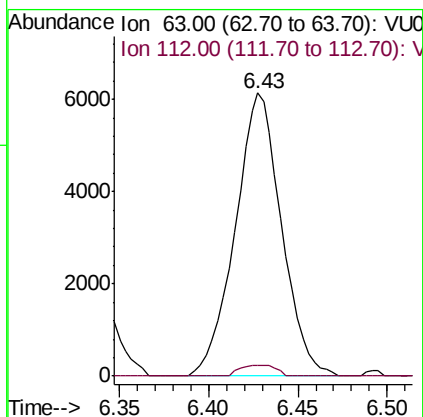
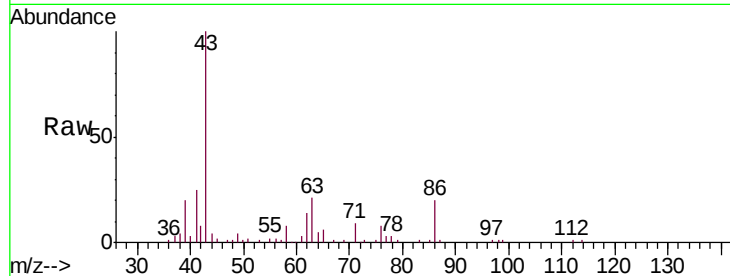




#37
 1,2-Dichloropropane
 Concen: 6.786 ug/L
 RT: 6.43 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VU032526.D
 Acq: 07 Jun 2019 03:16

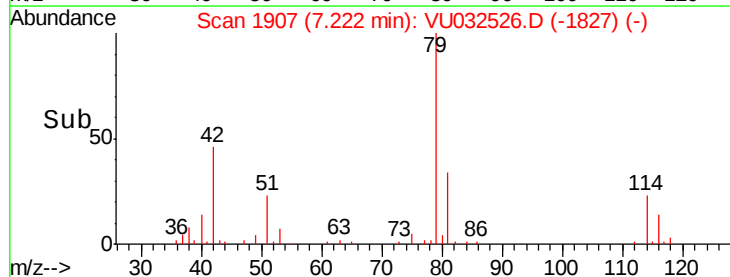
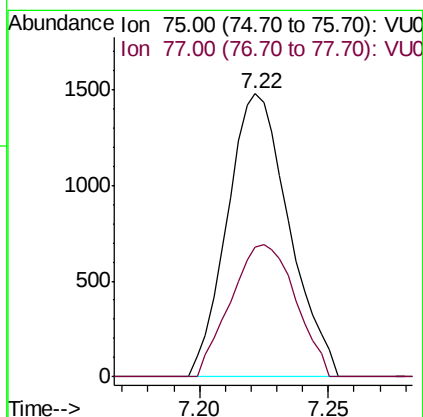
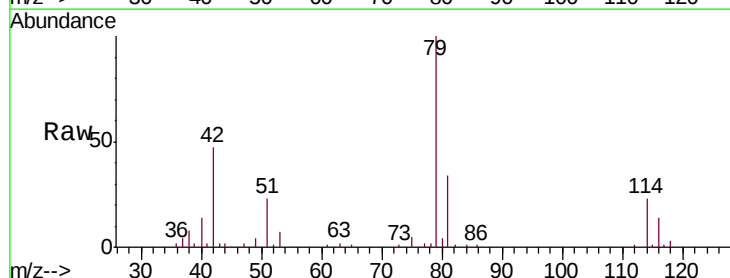
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J4

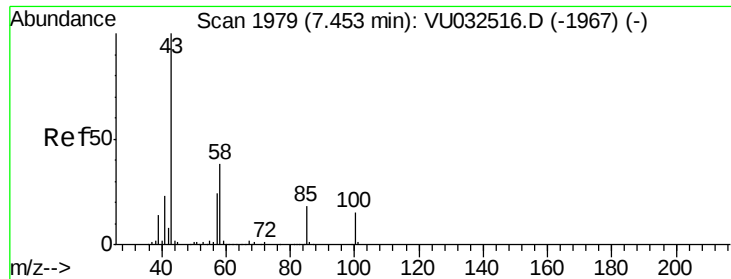
Tgt Ion: 63 Resp: 11093
 Ion Ratio Lower Upper
 63 100
 112 3.1 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.955 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032526.D
 Acq: 07 Jun 2019 03:16

Tgt Ion: 75 Resp: 2463
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.0 41.0#

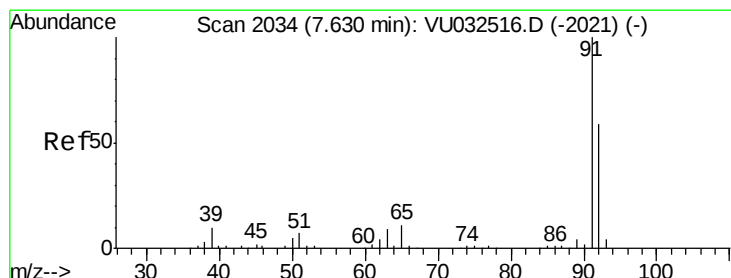
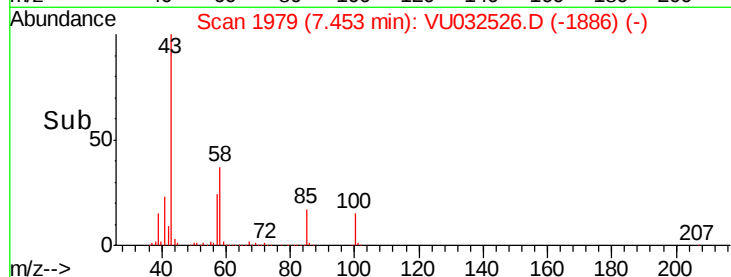
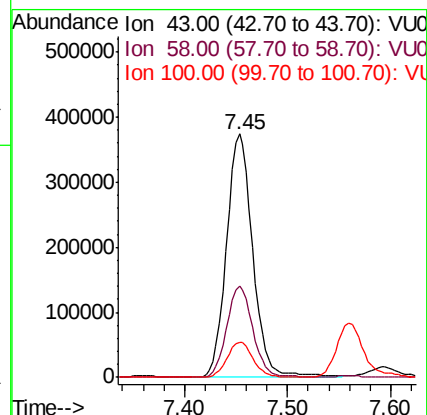
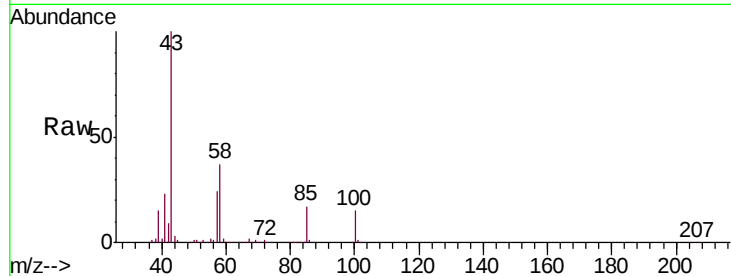




#40
4-Methyl-2-pentanone
Concen: 251.816 ug/L
RT: 7.45 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

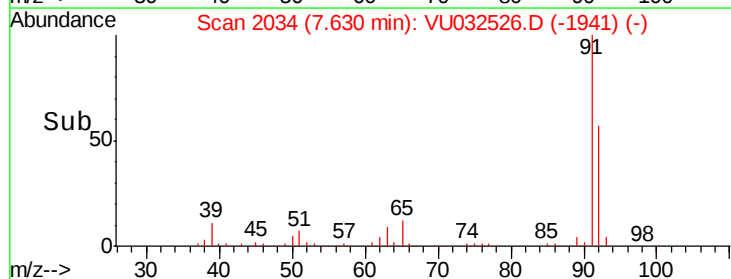
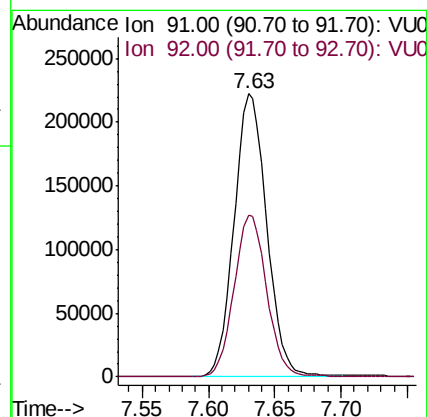
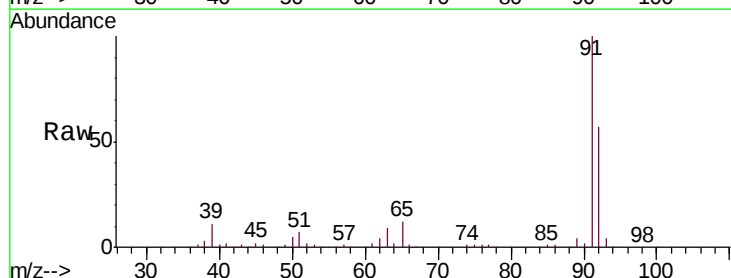
Instrument :
MSVOA_U
ClientSampleId :
DB8J4

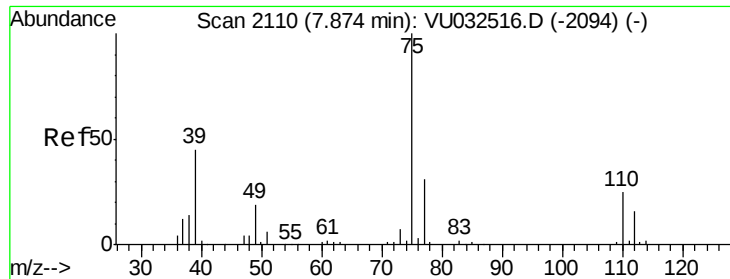
Tgt Ion: 43 Resp: 662223
Ion Ratio Lower Upper
43 100
58 37.4 30.8 46.2
100 14.3 12.1 18.1



#42
Toluene
Concen: 56.471 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

Tgt Ion: 91 Resp: 381369
Ion Ratio Lower Upper
91 100
92 57.0 39.7 73.7

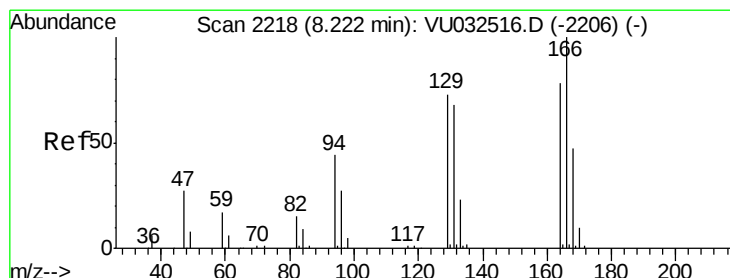
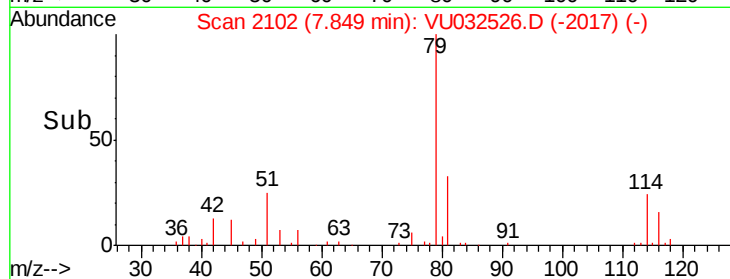
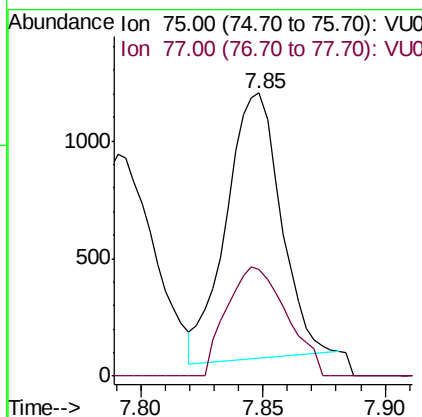
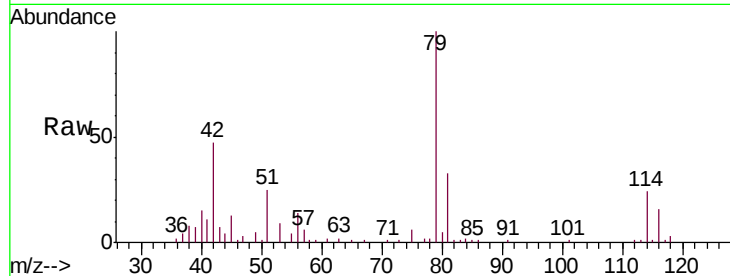




#44
trans-1,3-Dichloropropene
Concen: 0.768 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

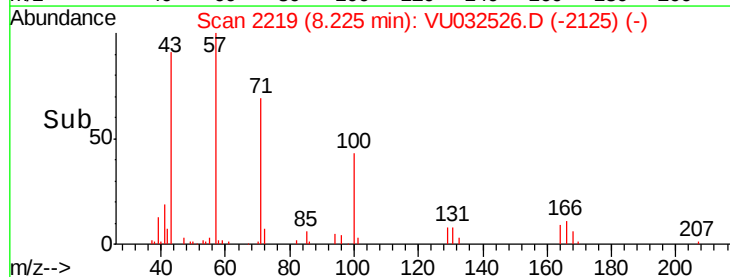
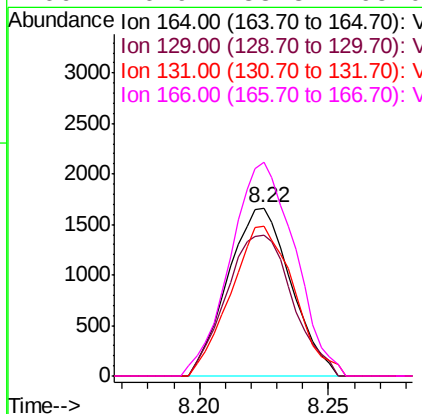
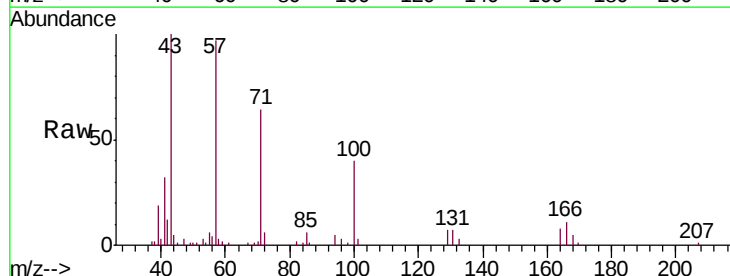
Instrument :
MSVOA_U
ClientSampled :
DB8J4

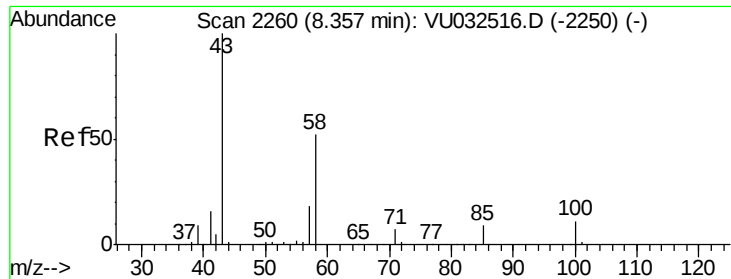
Tgt Ion: 75 Resp: 1758
Ion Ratio Lower Upper
75 100
77 37.8 22.1 41.1



#46
Tetrachloroethene
Concen: 2.047 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

Tgt Ion: 164 Resp: 2836
Ion Ratio Lower Upper
164 100
129 83.3 65.3 121.3
131 89.1 64.0 119.0
166 126.9 88.8 165.0

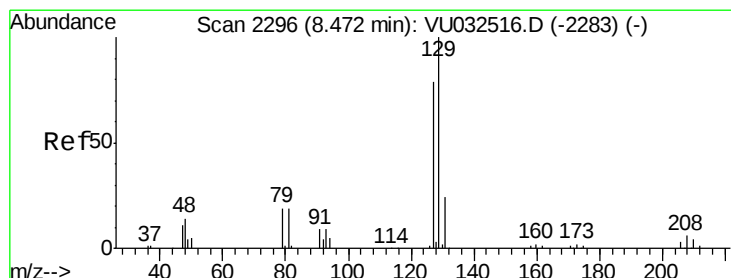
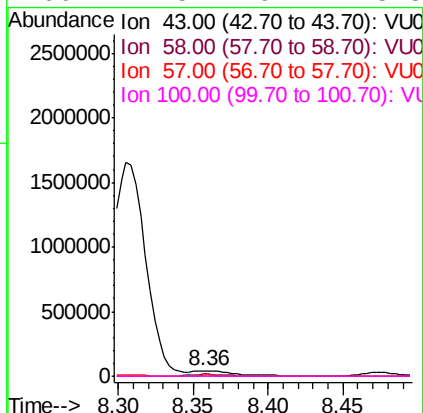
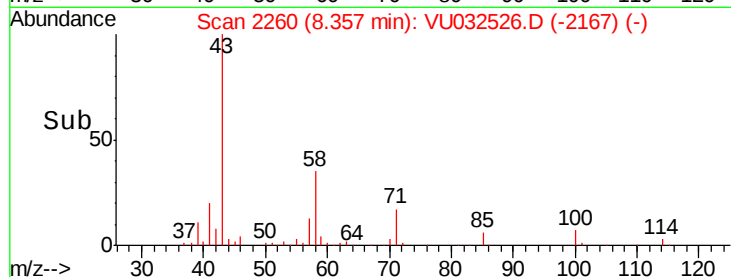
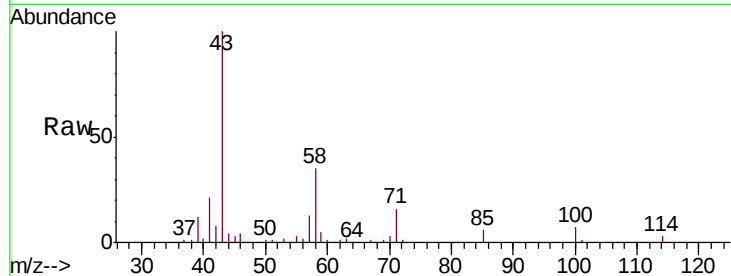




#48
2-Hexanone
Concen: 36.922 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. -0.00 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

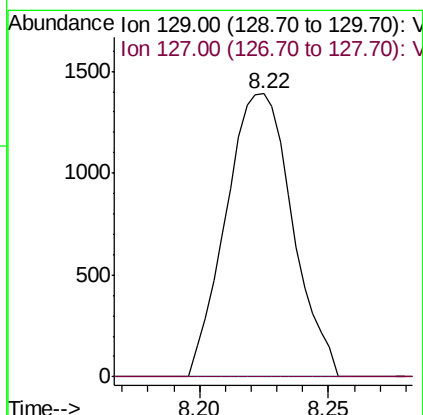
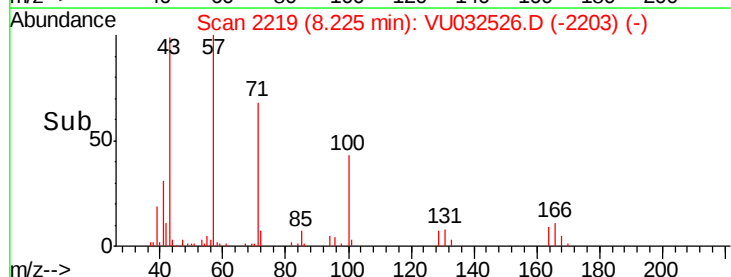
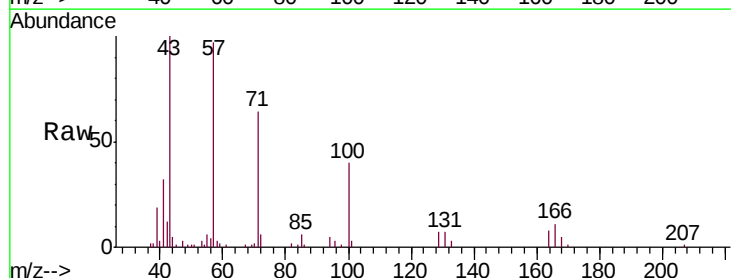
Instrument :
MSVOA_U
ClientSampleId :
DB8J4

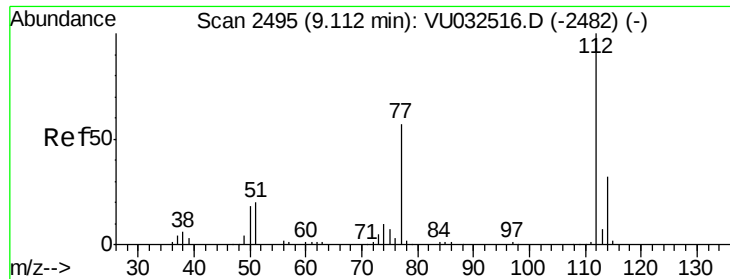
Tgt Ion: 43 Resp: 79751
Ion Ratio Lower Upper
43 100
58 34.3 42.0 63.0#
57 10.5 14.6 22.0#
100 7.5 9.2 13.8#



#49
Dibromochloromethane
Concen: 1.389 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

Tgt Ion: 129 Resp: 2495
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#





#51

Chlorobenzene

Concen: 4.922 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

Instrument :

MSVOA_U

ClientSampleId :

DB8J4

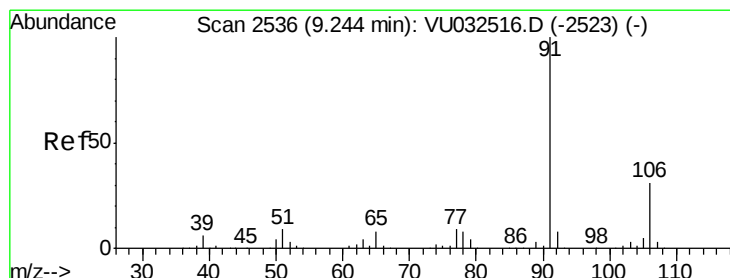
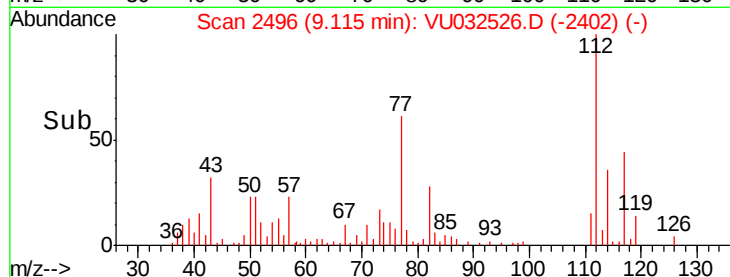
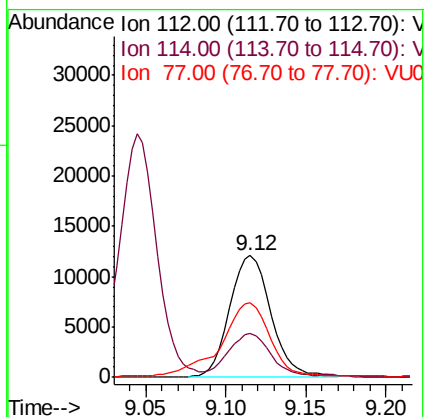
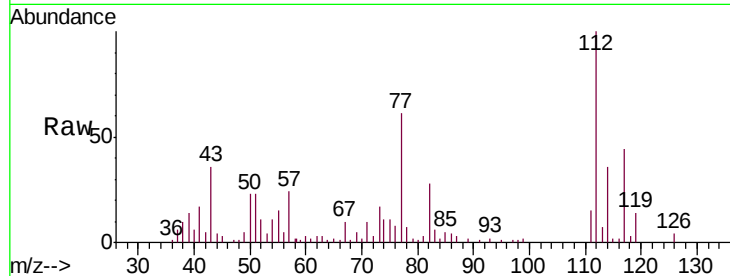
Tgt Ion: 112 Resp: 21414

Ion Ratio Lower Upper

112 100

114 35.7 22.6 42.0

77 61.3 46.1 69.1



#52

Ethylbenzene

Concen: 15.972 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032526.D

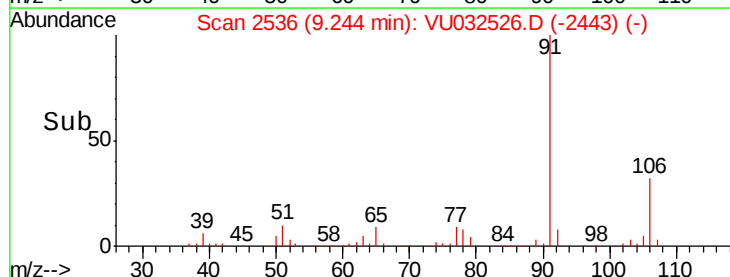
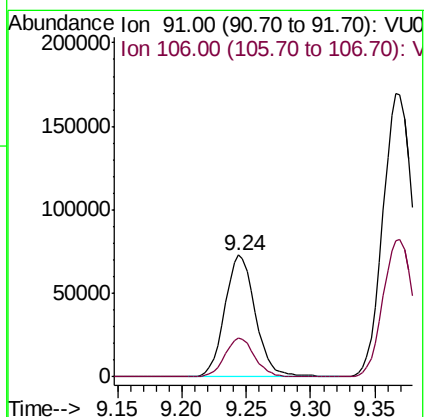
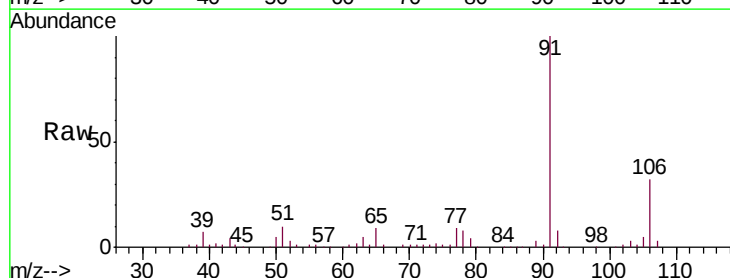
Acq: 07 Jun 2019 03:16

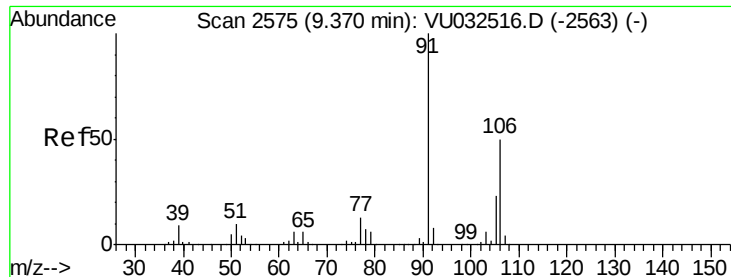
Tgt Ion: 91 Resp: 120234

Ion Ratio Lower Upper

91 100

106 32.0 22.0 41.0

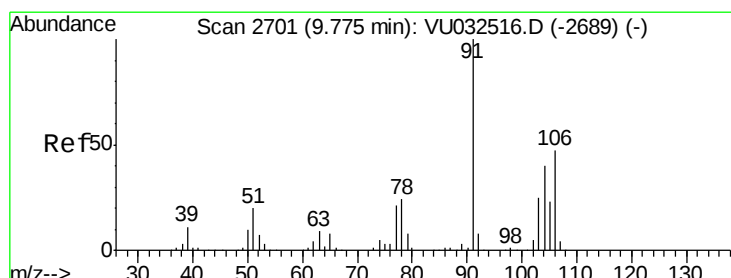
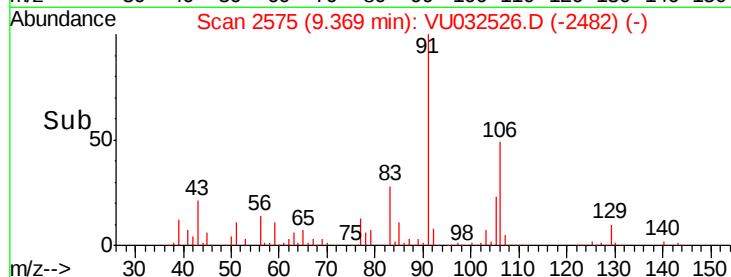
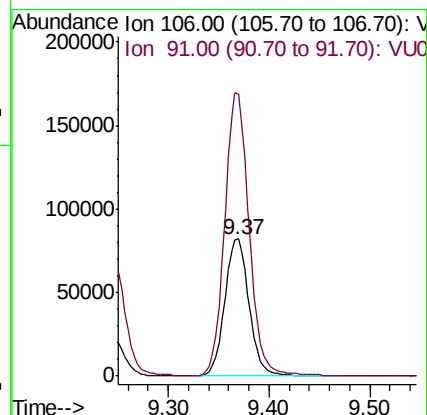
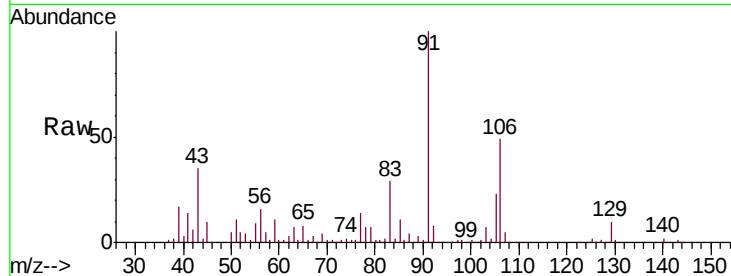




#53
m,p-Xylene
Concen: 48.687 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

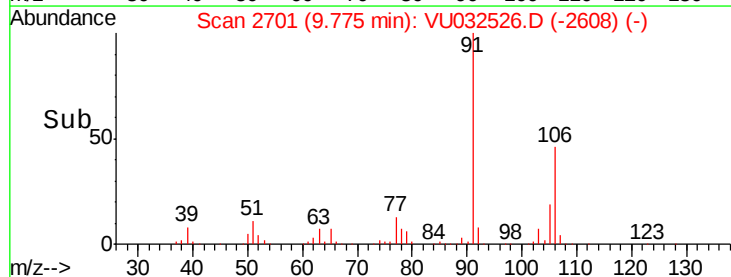
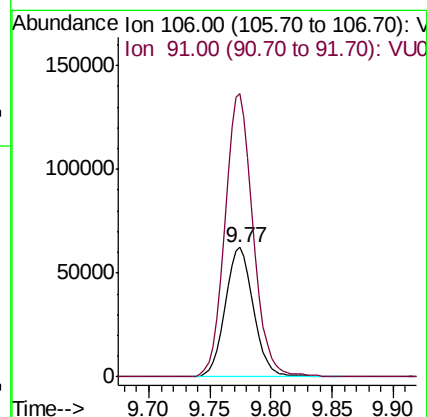
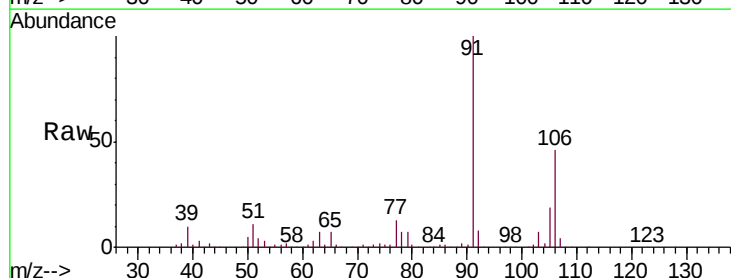
Instrument :
MSVOA_U
ClientSampleId :
DB8J4

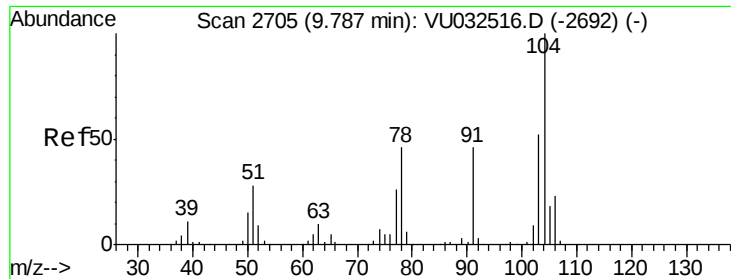
Tgt Ion:106 Resp: 139362
Ion Ratio Lower Upper
106 100
91 205.4 141.7 263.1



#54
o-xylene
Concen: 35.890 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU032526.D
Acq: 07 Jun 2019 03:16

Tgt Ion:106 Resp: 102001
Ion Ratio Lower Upper
106 100
91 218.2 150.1 278.7





#55

Styrene

Concen: 1.131 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.01 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

Instrument :

MSVOA_U

ClientSampleId :

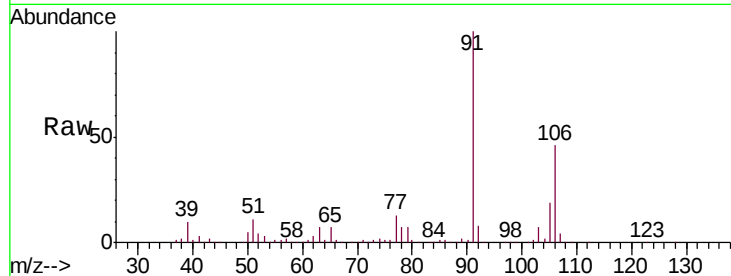
DB8J4

Tgt Ion:104 Resp: 5365

Ion Ratio Lower Upper

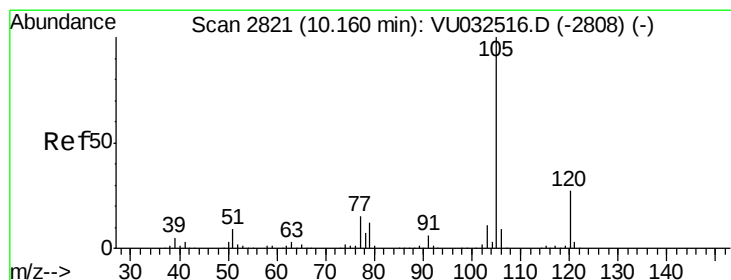
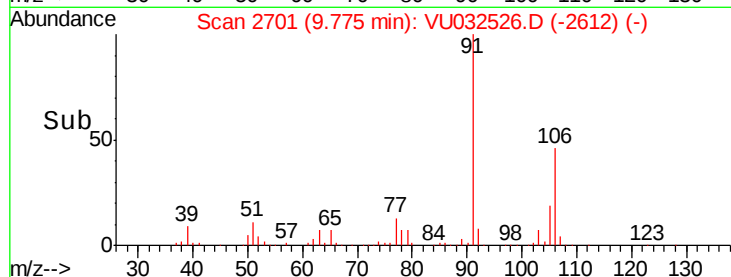
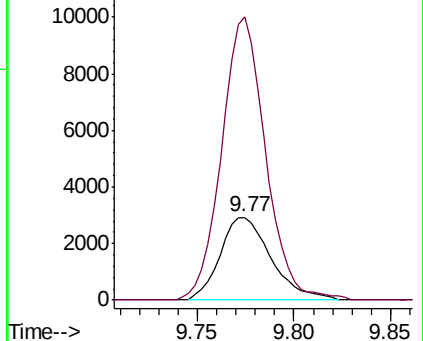
104 100

78 343.4 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: 6.447 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

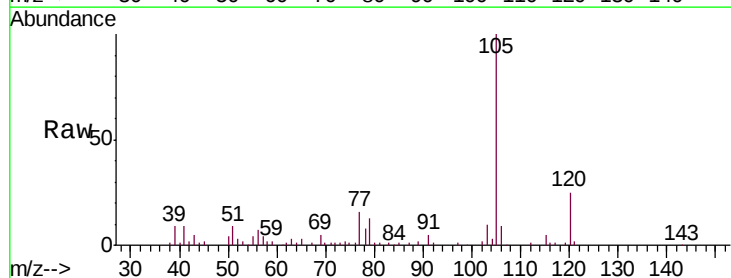
Tgt Ion:105 Resp: 48314

Ion Ratio Lower Upper

105 100

120 25.5 21.6 32.4

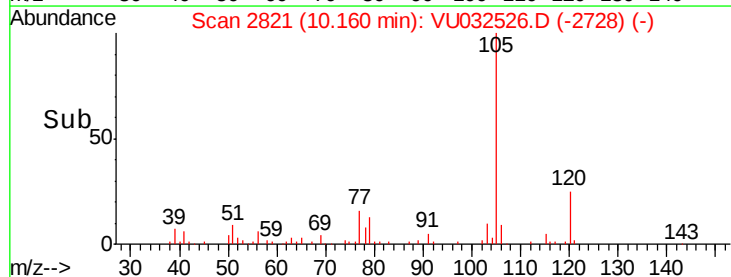
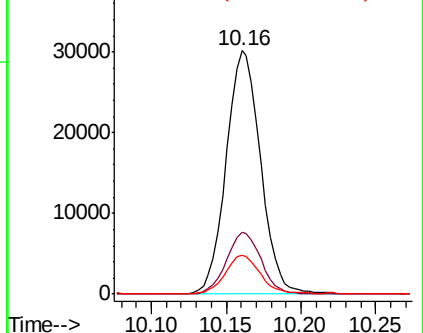
77 16.0 12.4 18.6

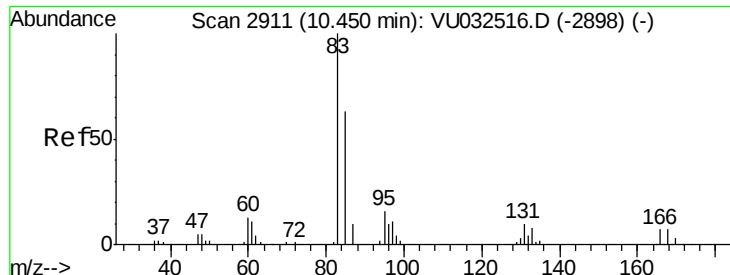


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0





#58

1,1,2,2-Tetrachloroethane

Concen: 0.618 ug/L

RT: 10.49 min Scan# 2922

Delta R.T. 0.04 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

Instrument :

MSVOA_U

ClientSampleId :

DB8J4

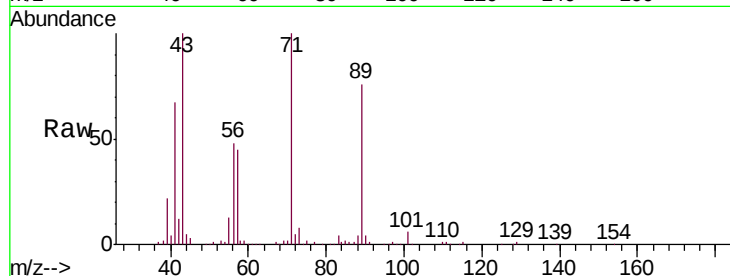
Tgt Ion: 83 Resp: 1633

Ion Ratio Lower Upper

83 100

85 46.3 45.1 83.7

131 0.0 7.9 11.9#

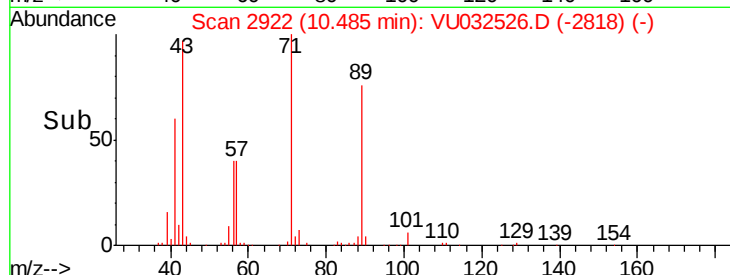


Abundance Ion 83.00 (82.70 to 83.70): VU032516.D (-2898) (-)

Ion 85.00 (84.70 to 85.70): VU032516.D (-2898) (-)

Ion 131.00 (130.70 to 131.70): VU032516.D (-2898) (-)

Time-->

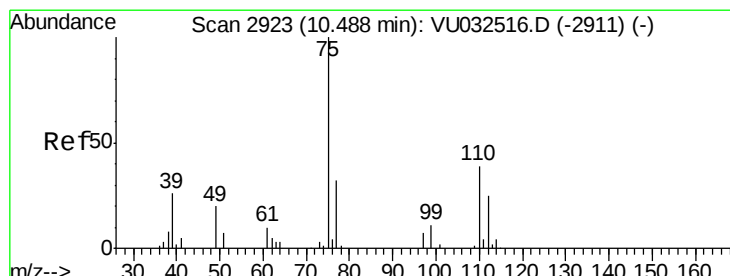


Abundance Ion 83.00 (82.70 to 83.70): VU032516.D (-2898) (-)

Ion 85.00 (84.70 to 85.70): VU032516.D (-2898) (-)

Ion 131.00 (130.70 to 131.70): VU032516.D (-2898) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.468 ug/L

RT: 10.39 min Scan# 2893

Delta R.T. -0.10 min

Lab File: VU032526.D

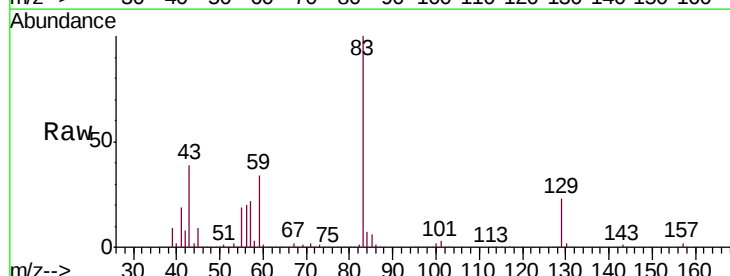
Acq: 07 Jun 2019 03:16

Tgt Ion: 75 Resp: 995

Ion Ratio Lower Upper

75 100

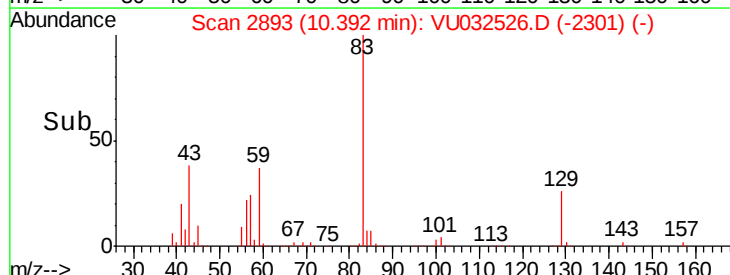
77 31.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU032516.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU032516.D (-2911) (-)

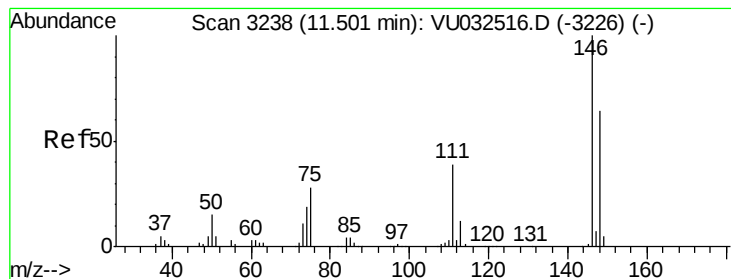
Time-->



Abundance Ion 75.00 (74.70 to 75.70): VU032516.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU032516.D (-2911) (-)

Time-->



#63

1,4-Dichlorobenzene

Concen: 0.979 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

Instrument :

MSVOA_U

ClientSampleId :

DB8J4

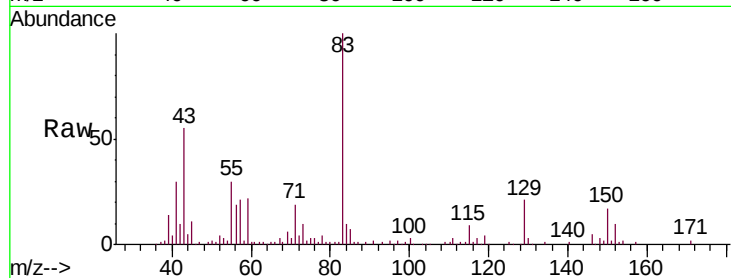
Tgt Ion:146 Resp: 3781

Ion Ratio Lower Upper

146 100

111 56.1 26.6 49.4#

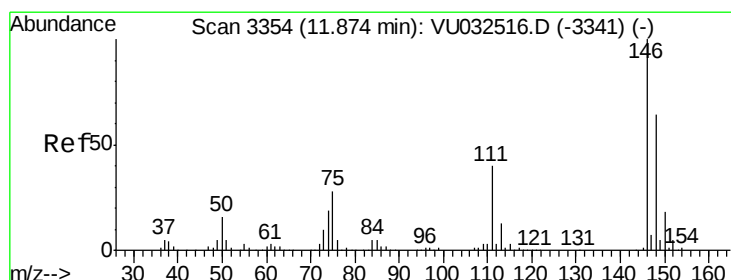
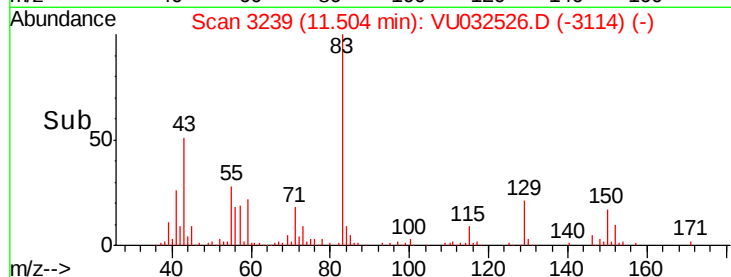
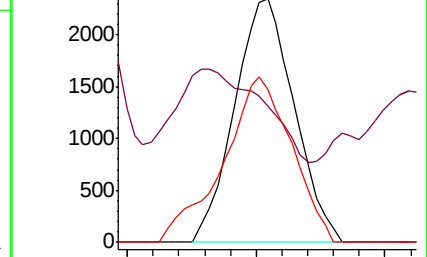
148 62.8 44.9 83.5



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: 0.739 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

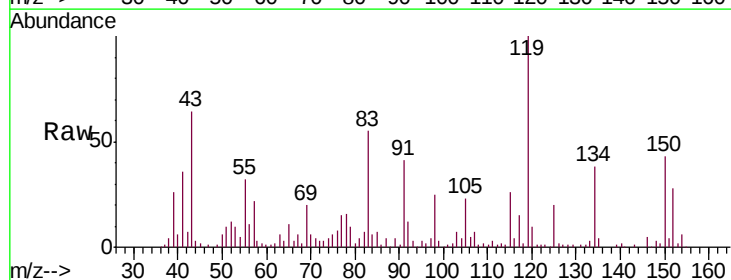
Tgt Ion:146 Resp: 2824

Ion Ratio Lower Upper

146 100

111 64.7 32.6 48.8#

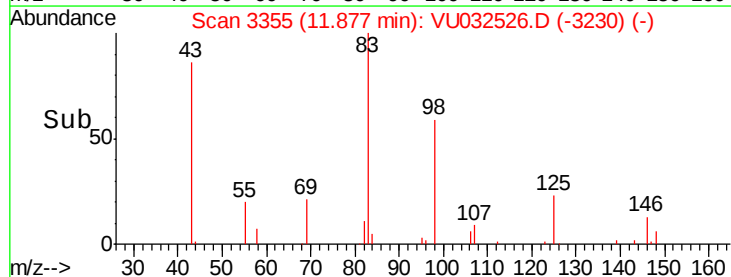
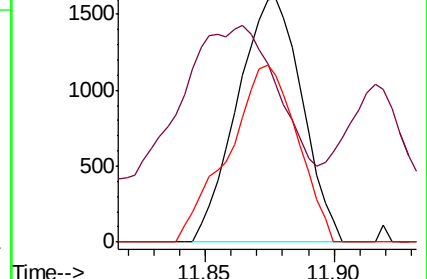
148 68.7 50.5 75.7

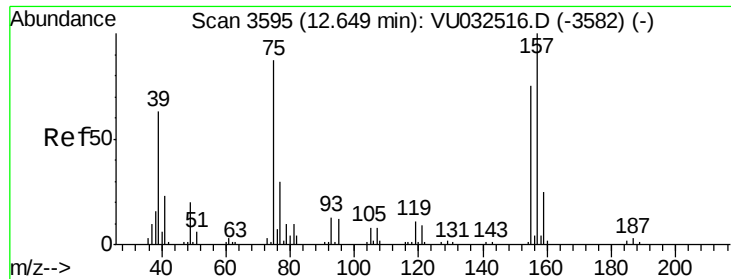


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

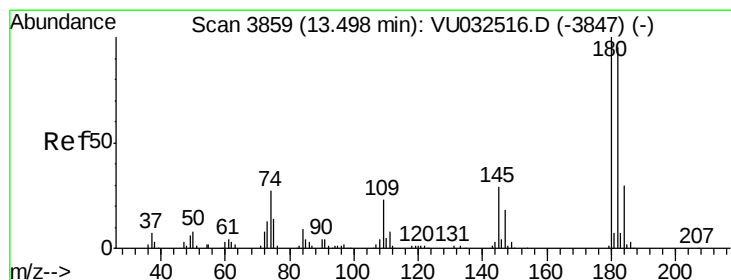
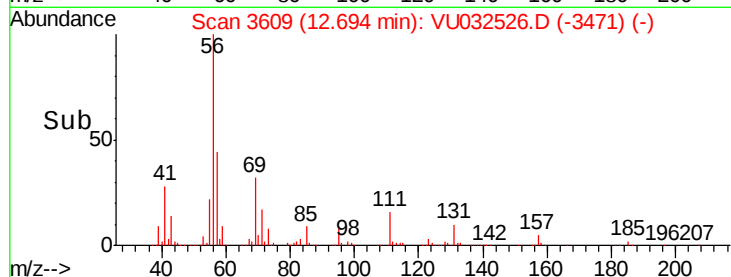
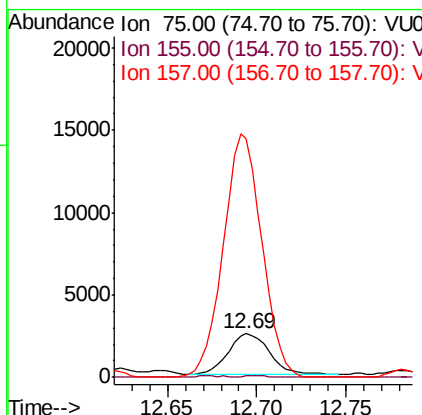
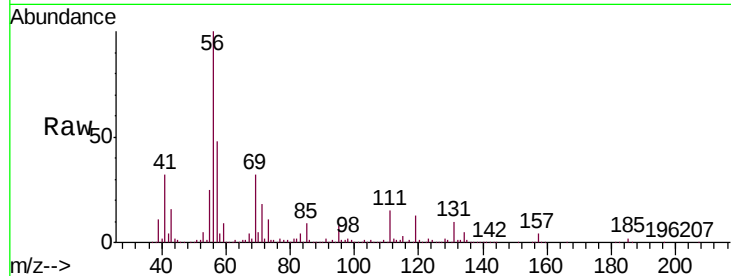




#66
 1,2-Dibromo-3-chloropropane
 Concen: 6.121 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.04 min
 Lab File: VU032526.D
 Acq: 07 Jun 2019 03:16

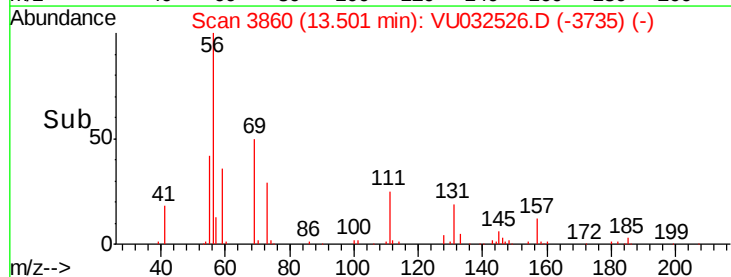
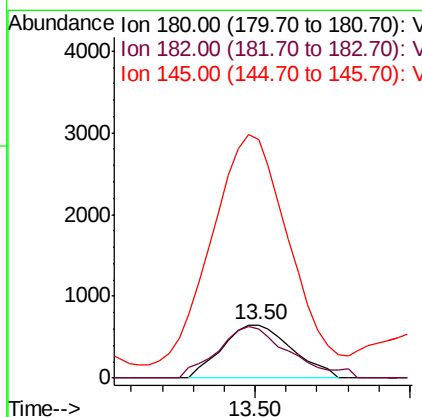
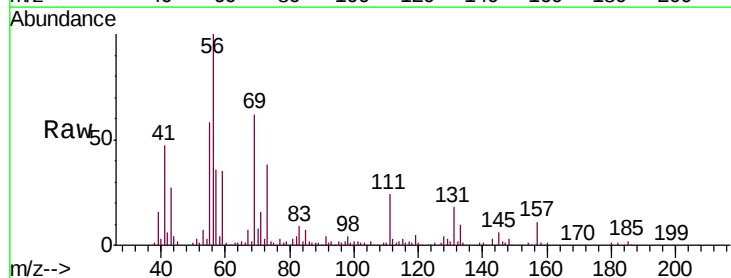
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J4

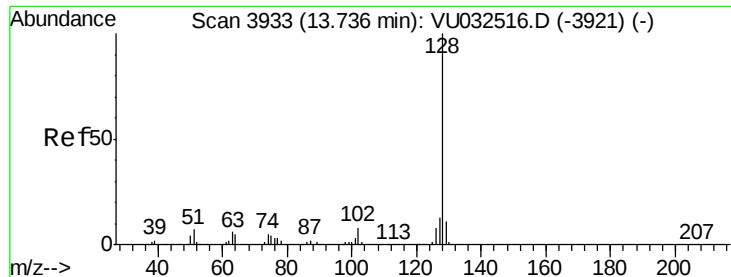
Tgt Ion: 75 Resp: 3934
 Ion Ratio Lower Upper
 75 100
 155 4.2 73.1 109.7#
 157 549.4 91.4 137.2#



#68
 1,2,4-trichlorobenzene
 Concen: 0.408 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU032526.D
 Acq: 07 Jun 2019 03:16

Tgt Ion: 180 Resp: 1017
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.5 114.7
 145 471.2 23.8 35.6#





#69

Naphthalene

Concen: 29.839 ug/L

RT: 13.74 min Scan# 3933

Delta R.T. -0.00 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

Instrument :

MSVOA_U

ClientSampleId :

DB8J4

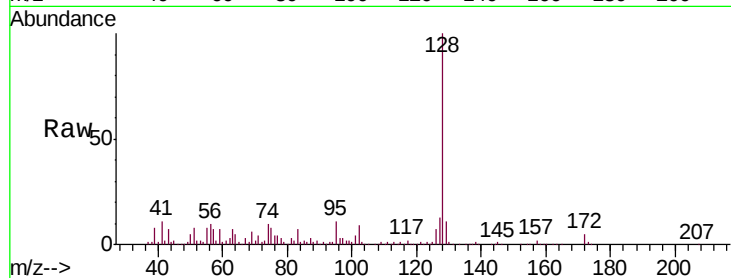
Tgt Ion:128 Resp: 234382

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

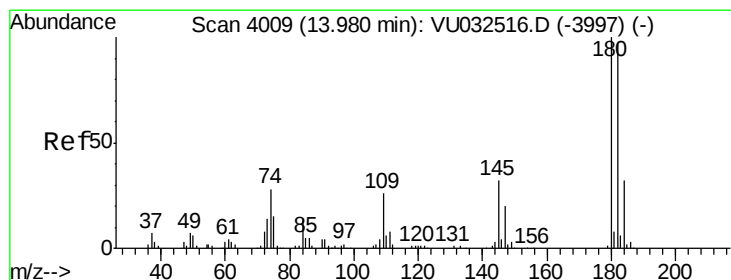
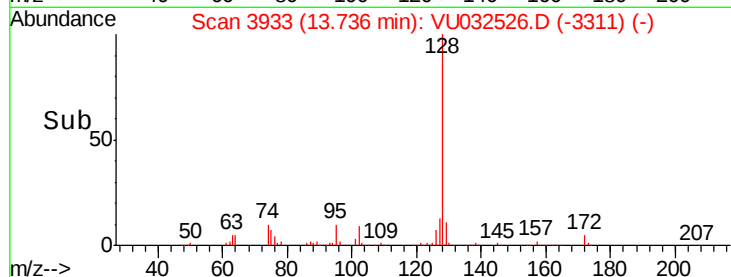
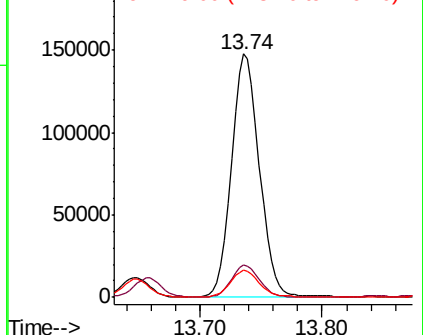
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.655 ug/L

RT: 13.99 min Scan# 4013

Delta R.T. 0.01 min

Lab File: VU032526.D

Acq: 07 Jun 2019 03:16

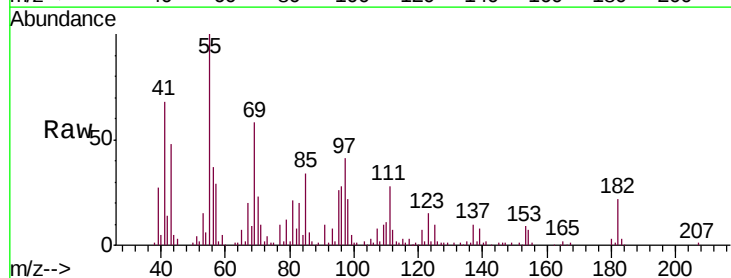
Tgt Ion:180 Resp: 1698

Ion Ratio Lower Upper

180 100

182 770.4 76.7 115.1#

145 0.0 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

