

Data File : VU032486.D
Acq On : 06 Jun 2019 10:51
Operator : JC/SP
Sample : K3213-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8G8

Quant Time: Jun 07 04:10:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207471	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	195586	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104167	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60373	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.70%
7) Chloroethane-d5	1.66	69	49520	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.56%
11) 1,1-Dichloroethene-d2	2.26	63	134679	51.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.20%
21) 2-Butanone-d5	4.17	46	101592	90.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.19%
24) Chloroform-d	4.64	84	120962	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	5.30	65	74889	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
32) Benzene-d6	5.33	84	241312	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
36) 1,2-Dichloropropane-d6	6.32	67	76142	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.64%
41) Toluene-d8	7.56	98	226067	46.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.92%
43) trans-1,3-Dichloropropene-	7.84	79	37189	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.62%
47) 2-Hexanone-d5	8.31	63	71462	92.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111438	48.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	98165	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	42216	22.571 ug/L	99
3) Chloromethane	1.32	50	43477	24.056 ug/L	100
5) Vinyl chloride	1.40	62	89610	49.634 ug/L	100
6) Bromomethane	1.60	94	18787	17.462 ug/L	98
8) Chloroethane	1.68	64	27142	25.292 ug/L	97
9) Trichlorofluoromethane	1.87	101	104910	43.033 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	28948	22.832 ug/L	99
12) 1,1-Dichloroethene	2.27	96	82007	66.614 ug/L #	76
13) Acetone	2.32	43	1168	1.005 ug/L	82
16) Methylene chloride	2.69	84	59546	42.390 ug/L	99
17) trans-1,2-Dichloroethene	2.97	96	27810	20.846 ug/L	96
19) 1,1-Dichloroethane	3.43	63	158197	65.049 ug/L	98
20) cis-1,2-Dichloroethene	4.21	96	62873	41.644 ug/L	99
23) Bromochloromethane	4.54	128	32631	41.567 ug/L	96
25) Chloroform	4.66	83	145673	58.045 ug/L	96
27) 1,2-Dichloroethane	5.40	62	139053	70.088 ug/L	100
30) 1,1,1-Trichloroethane	4.90	97	46525	21.013 ug/L	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.12	117	126139	62.159	ug/L	100
33) Benzene	5.38	78	254333	46.282	ug/L	100
34) Trichloroethene	6.18	95	120651	80.699	ug/L	99
37) 1,2-Dichloropropane	6.42	63	58272	40.002	ug/L	100
38) Bromodichloromethane	6.75	83	37072	19.764	ug/L	98
39) cis-1,3-Dichloropropene	7.26	75	55864	24.305	ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	102332	50.162	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	35441	25.727	ug/L	97
46) Tetrachloroethene	8.22	164	90912	73.624	ug/L	99
48) 2-Hexanone	8.36	43	3076	1.598	ug/L #	85
49) Dibromochloromethane	8.47	129	64614	40.354	ug/L	99
50) 1,2-Dibromoethane	8.58	107	46417	29.936	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.45	83	90590	38.477	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	11984	6.328	ug/L	93
61) Bromoform	9.95	173	64674	52.075	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	21602	40.297	ug/L	99

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

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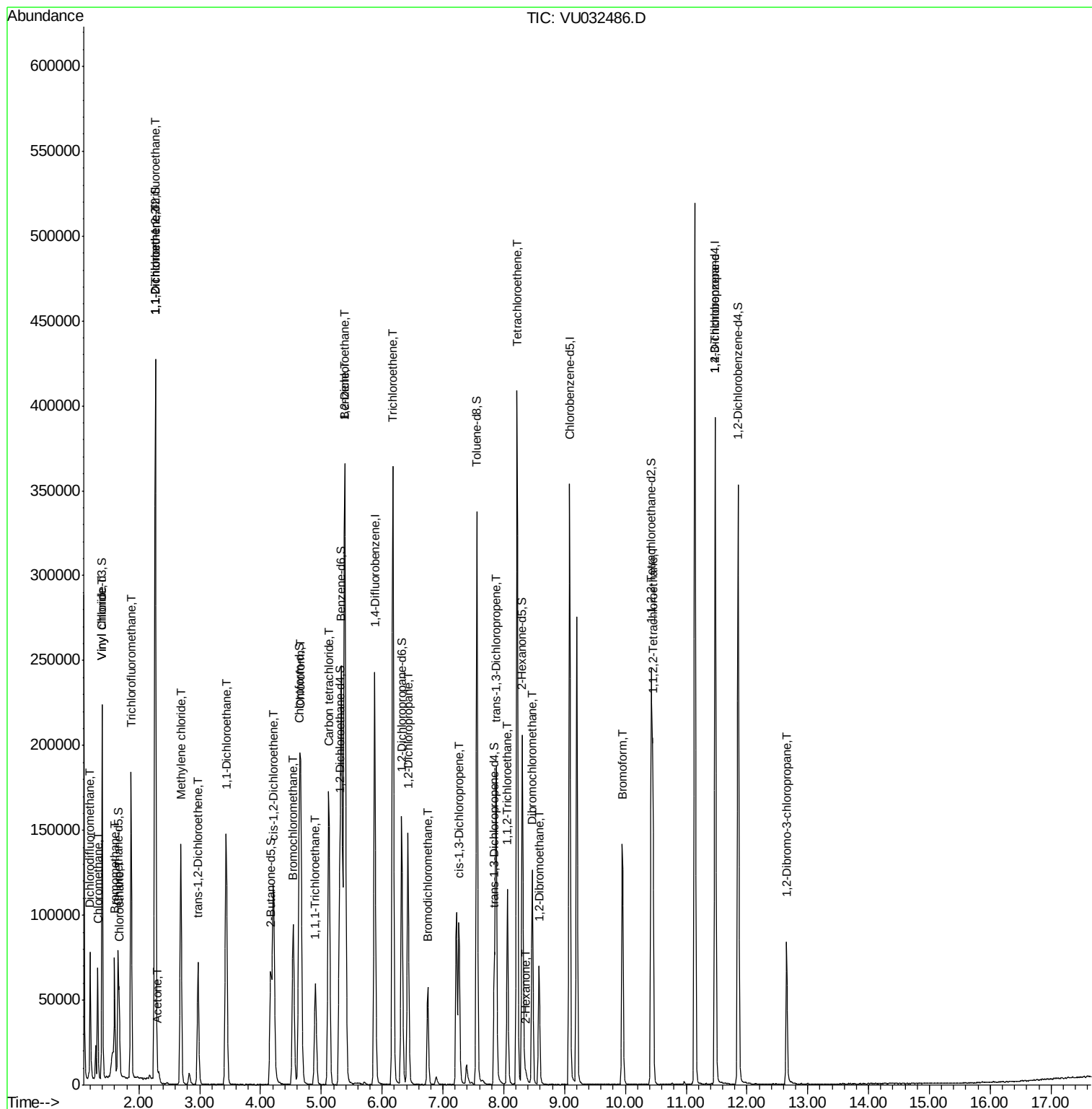
Quant Time: Jun 07 04:10:01 2019

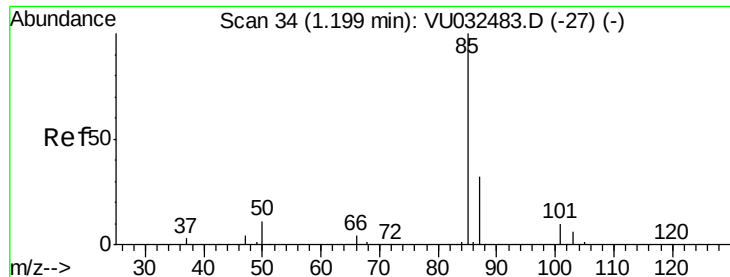
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM060619WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Jun 07 04:06:44 2019

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 22.571 ug/L

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

Instrument :

MSVOA_U

ClientSampleId :

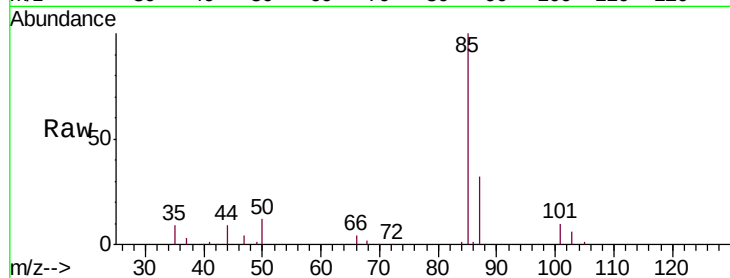
DB8G8

Tgt Ion: 85 Resp: 42216

Ion Ratio Lower Upper

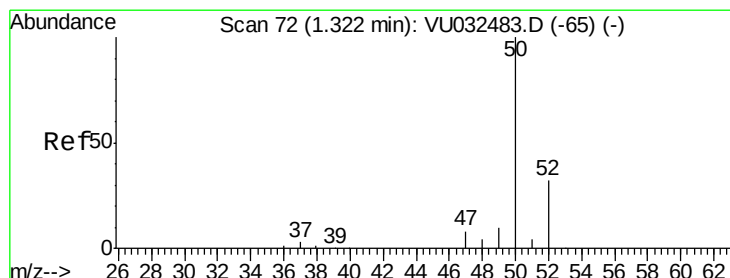
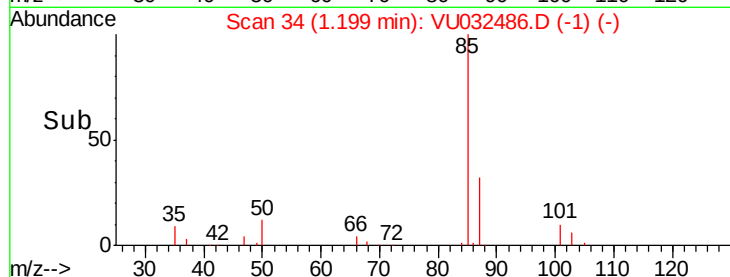
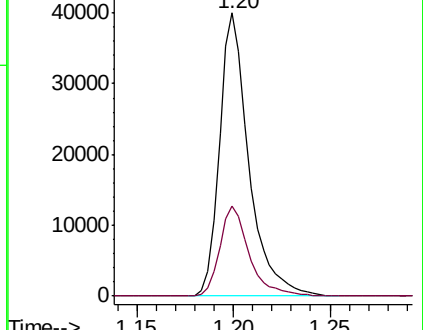
85 100

87 31.9 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU032483.D (-27) (-)

Ion 87.00 (86.70 to 87.70): VU032483.D (-27) (-)



#3

Chloromethane

Concen: 24.056 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU032486.D

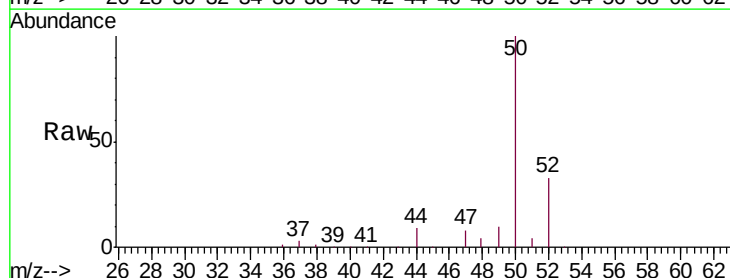
Acq: 06 Jun 2019 10:51

Tgt Ion: 50 Resp: 43477

Ion Ratio Lower Upper

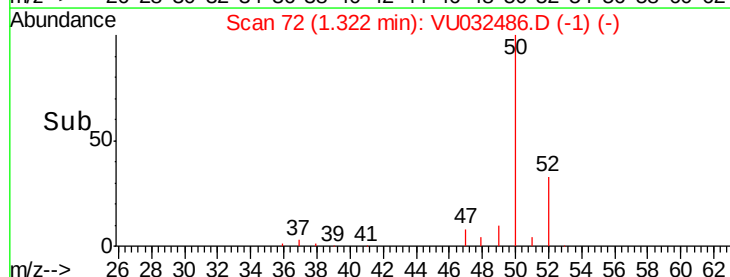
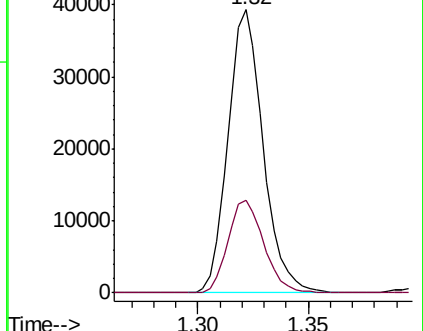
50 100

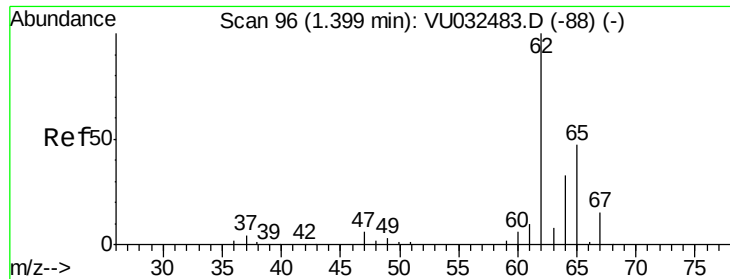
52 32.8 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU032483.D (-65) (-)

Ion 52.00 (51.70 to 52.70): VU032483.D (-65) (-)





#5

Vinyl chloride

Concen: 49.634 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

Instrument :

MSVOA_U

ClientSampleId :

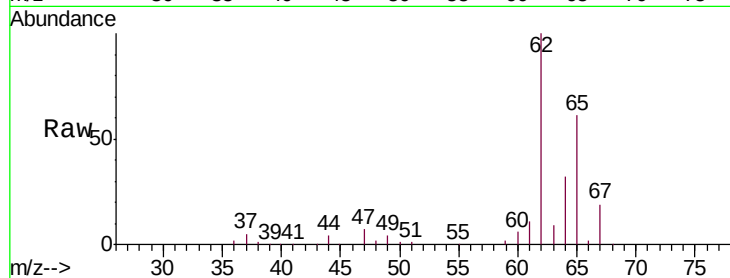
DB8G8

Tgt Ion: 62 Resp: 89610

Ion Ratio Lower Upper

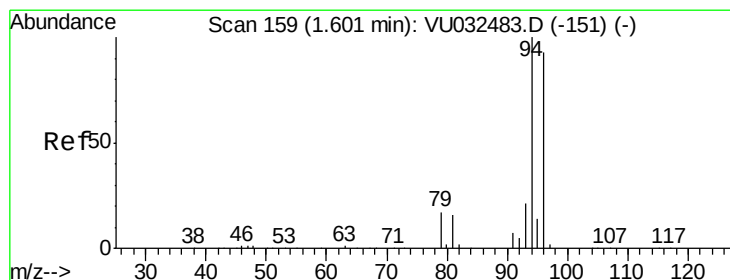
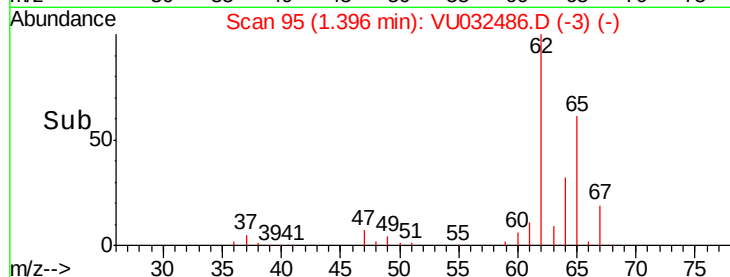
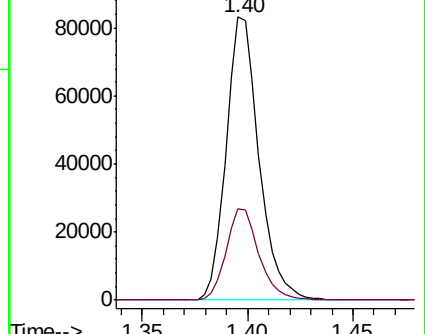
62 100

64 32.4 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VU032483.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU032486.D (-66) (-)



#6

Bromomethane

Concen: 17.462 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VU032486.D

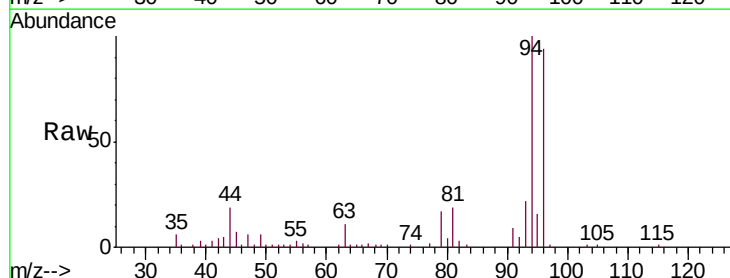
Acq: 06 Jun 2019 10:51

Tgt Ion: 94 Resp: 18787

Ion Ratio Lower Upper

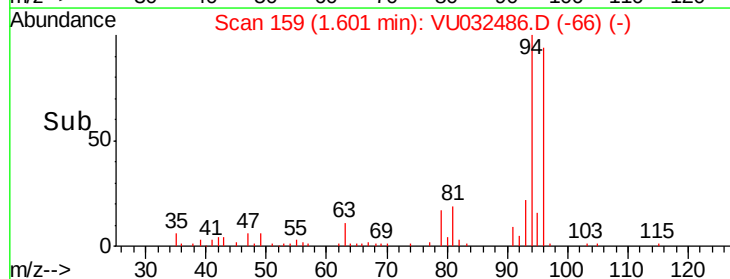
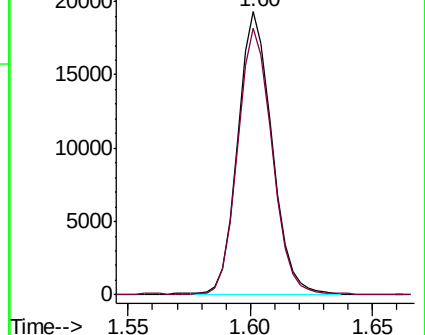
94 100

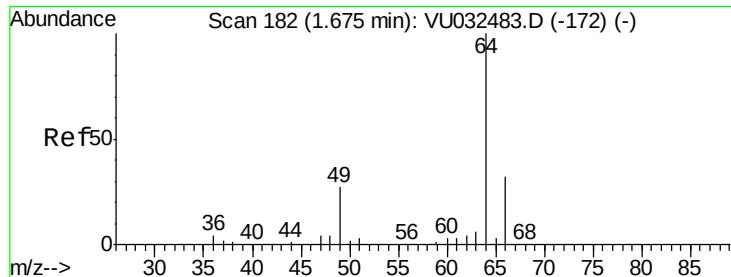
96 94.4 64.7 120.1



Abundance Ion 94.00 (93.70 to 94.70): VU032483.D (-151) (-)

Ion 96.00 (95.70 to 96.70): VU032486.D (-66) (-)





#8

Chloroethane

Concen: 25.292 ug/L

RT: 1.68 min Scan# 183

Delta R.T. 0.00 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

Instrument :

MSVOA_U

ClientSampleId :

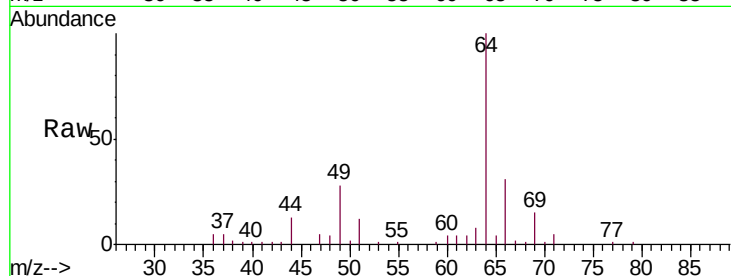
DB8G8

Tgt Ion: 64 Resp: 27142

Ion Ratio Lower Upper

64 100

66 31.2 22.9 42.5



Abundance Ion 64.00 (63.70 to 64.70): VU032486.D (-172) (-)

Ion 66.00 (65.70 to 66.70): VU032486.D (-172) (-)

1.68

20000

15000

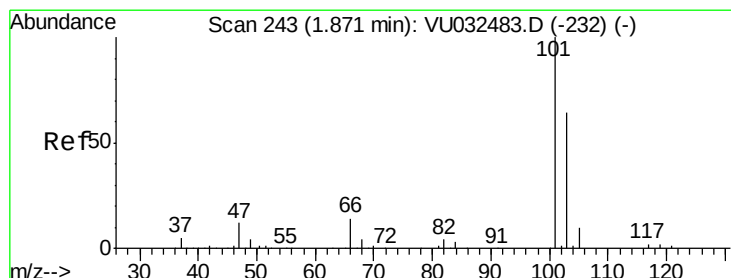
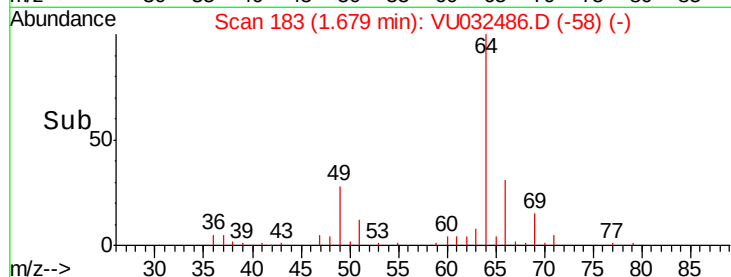
10000

5000

0

1.65 1.70 1.75

Time-->



#9

Trichlorofluoromethane

Concen: 43.033 ug/L

RT: 1.87 min Scan# 243

Delta R.T. 0.00 min

Lab File: VU032486.D

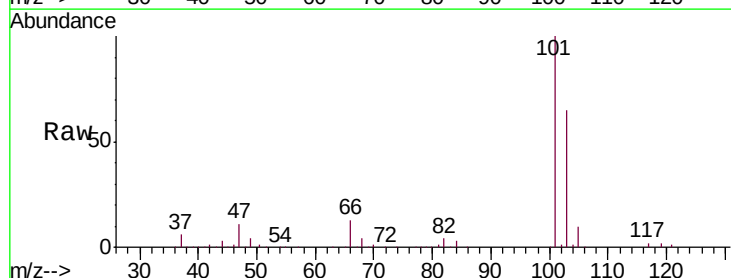
Acq: 06 Jun 2019 10:51

Tgt Ion: 101 Resp: 104910

Ion Ratio Lower Upper

101 100

103 65.3 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): VU032486.D (-119) (-)

Ion 103.00 (102.70 to 103.70): VU032486.D (-119) (-)

1.87

80000

60000

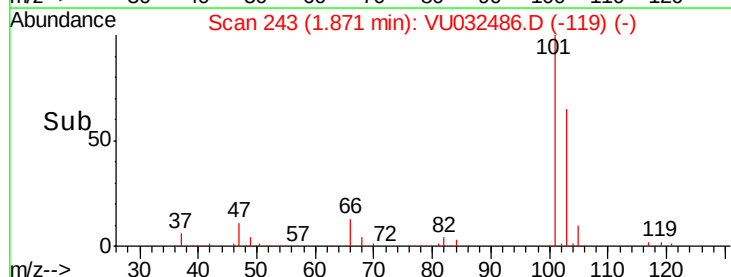
40000

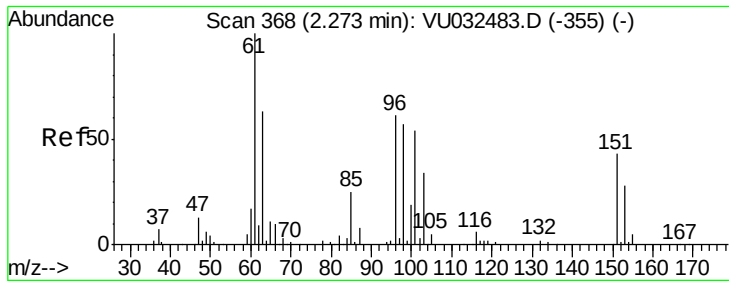
20000

0

1.80 1.85 1.90 1.95

Time-->





#10

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

Concen: 22.832 ug/L

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

Instrument :

MSVOA_U

ClientSampled :

DB8G8

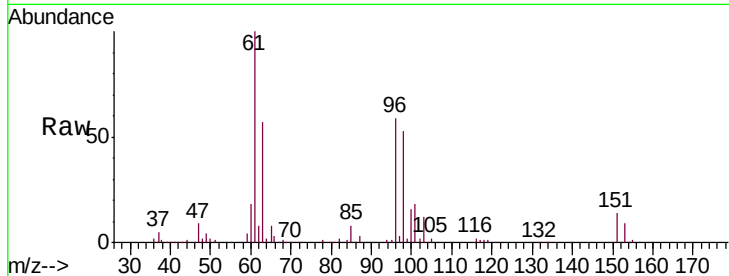
Tgt Ion:101 Resp: 28948

Ion Ratio Lower Upper

101 100

85 44.3 36.1 54.1

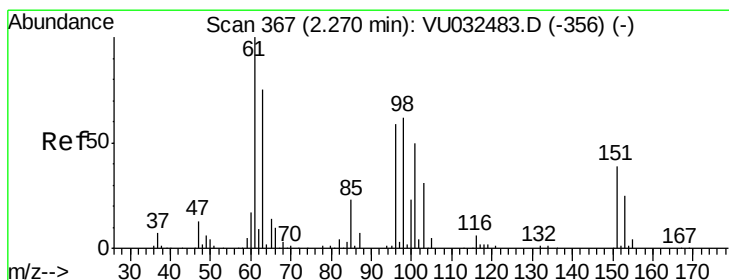
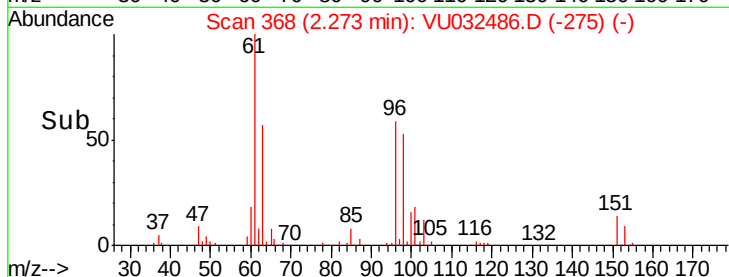
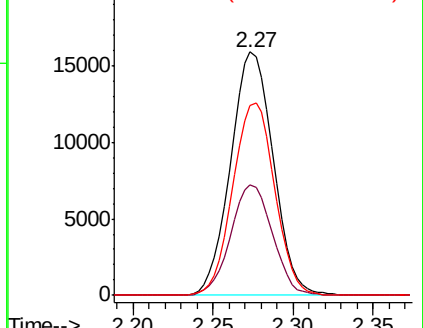
151 77.5 63.0 94.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 66.614 ug/L

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

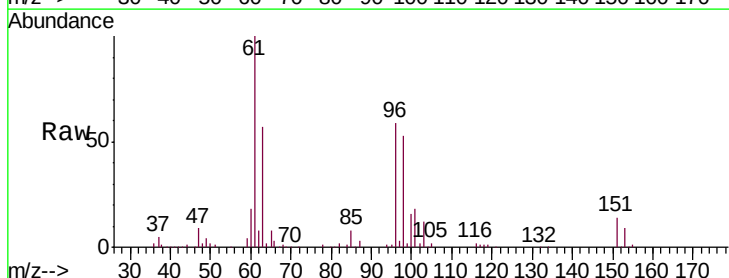
Tgt Ion: 96 Resp: 82007

Ion Ratio Lower Upper

96 100

61 169.0 129.5 240.5

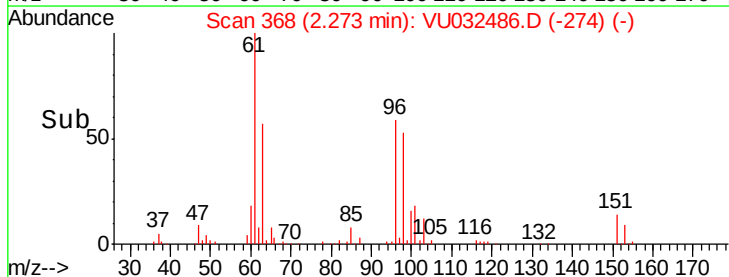
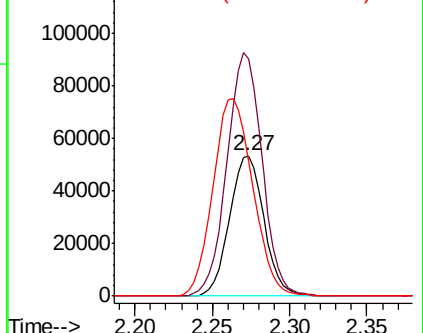
63 96.0 103.4 192.0#

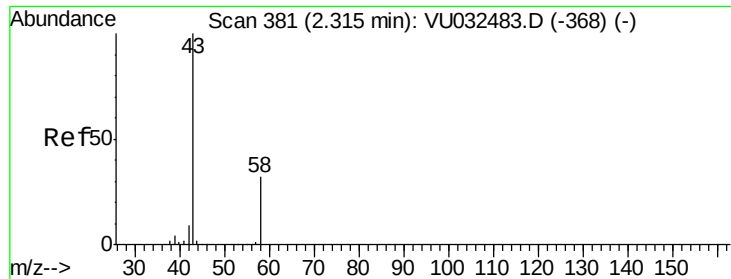


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.005 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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ClientSampleId :

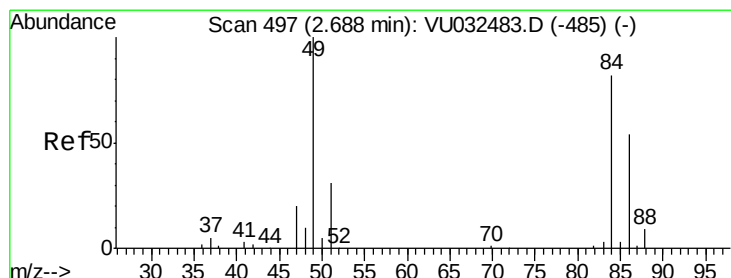
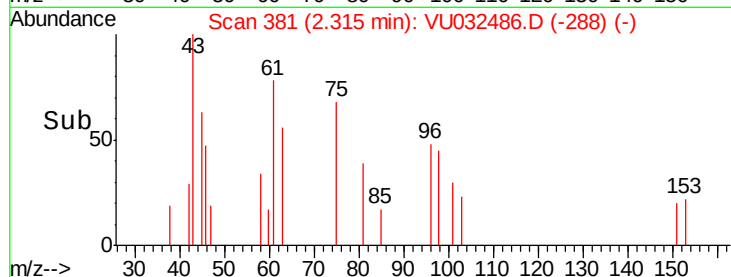
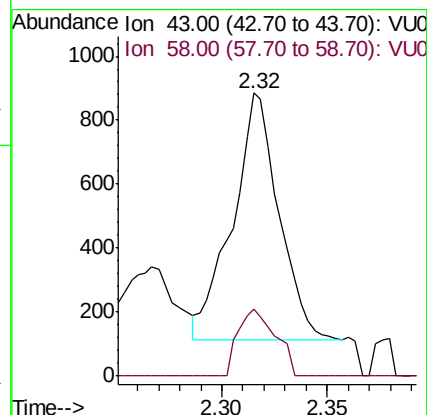
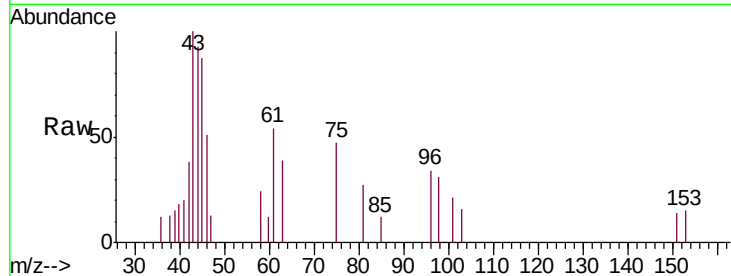
DB8G8

Tgt Ion: 43 Resp: 1168

Ion Ratio Lower Upper

43 100

58 22.2 0.0 64.0



#16

Methylene chloride

Concen: 42.390 ug/L

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

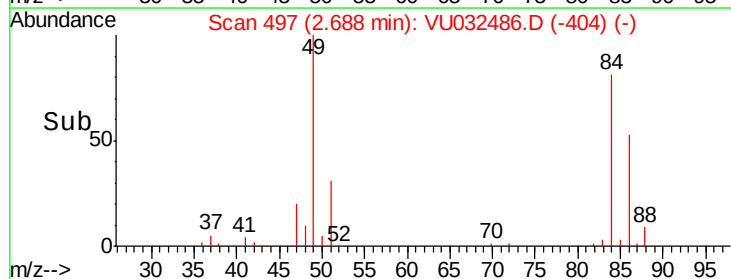
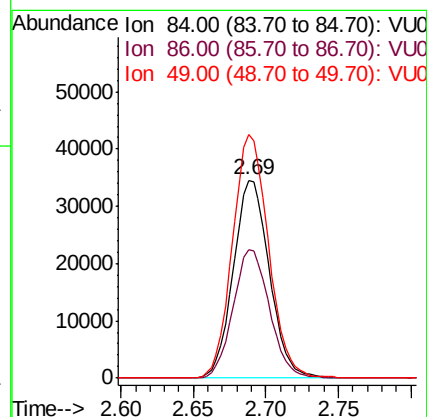
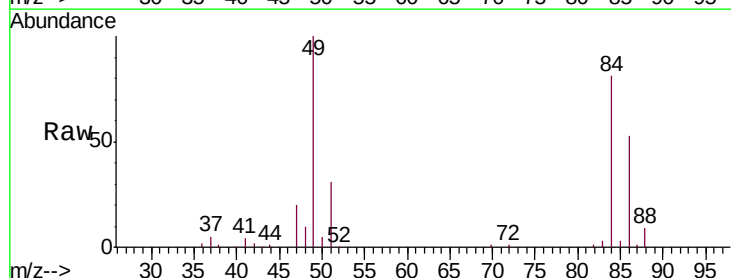
Tgt Ion: 84 Resp: 59546

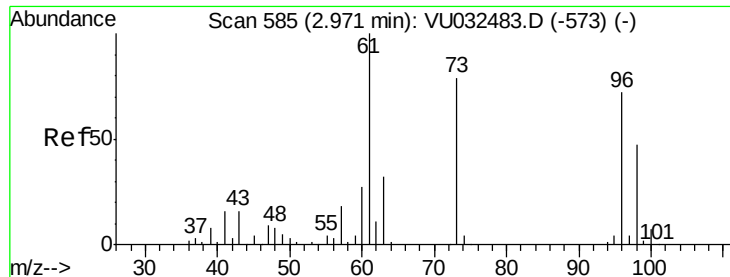
Ion Ratio Lower Upper

84 100

86 65.1 44.7 82.9

49 123.0 86.1 159.9





#17

trans-1,2-Dichloroethene

Concen: 20.846 ug/L

RT: 2.97 min Scan# 585

Delta R.T. 0.00 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

Instrument :

MSVOA_U

ClientSampled :

DB8G8

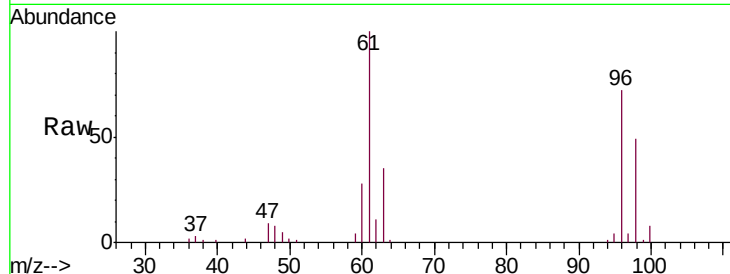
Tgt Ion: 96 Resp: 27810

Ion Ratio Lower Upper

96 100

61 139.6 95.7 177.7

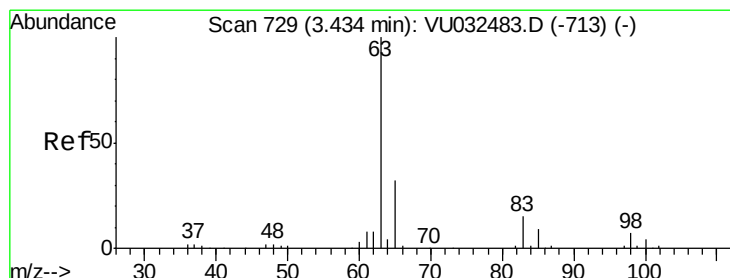
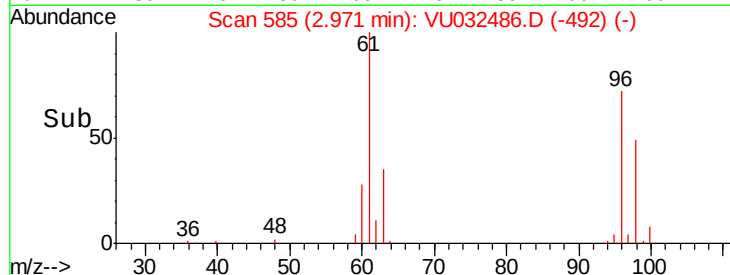
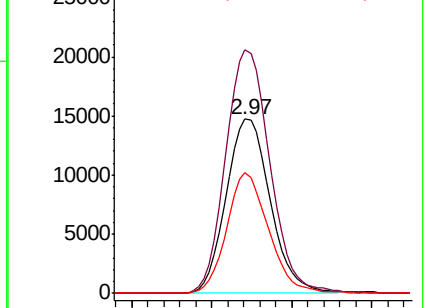
98 68.9 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU032486.D (-492) (-)

Ion 61.00 (60.70 to 61.70): VU032486.D (-492) (-)

Ion 98.00 (97.70 to 98.70): VU032486.D (-492) (-)



#19

1,1-Dichloroethane

Concen: 65.049 ug/L

RT: 3.43 min Scan# 729

Delta R.T. 0.00 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

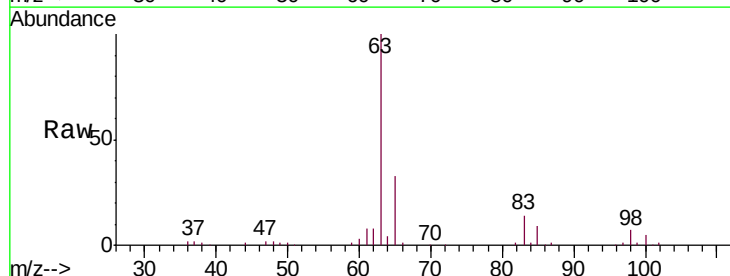
Tgt Ion: 63 Resp: 158197

Ion Ratio Lower Upper

63 100

65 32.7 21.8 40.6

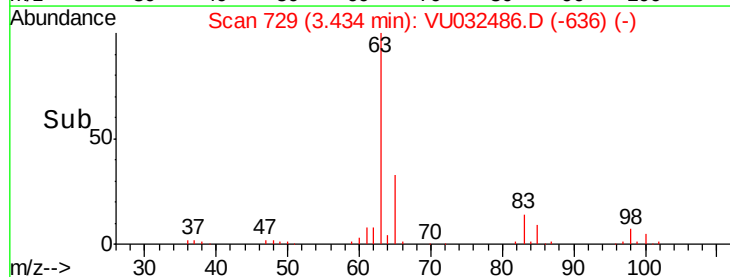
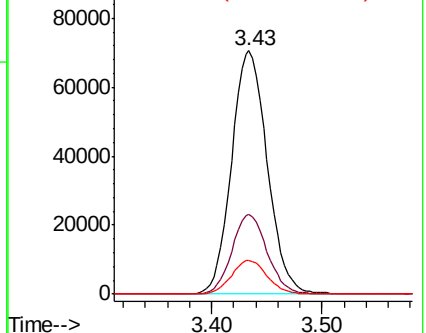
83 13.9 9.8 18.2

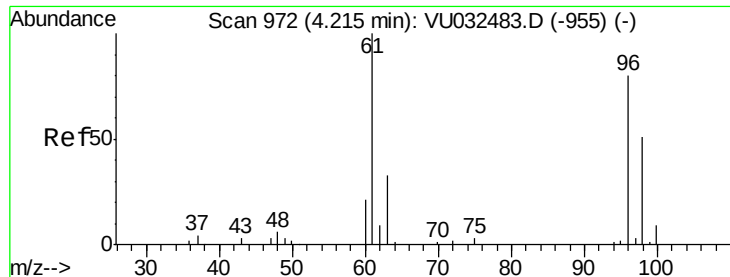


Abundance Ion 63.00 (62.70 to 63.70): VU032486.D (-636) (-)

Ion 65.00 (64.70 to 65.70): VU032486.D (-636) (-)

Ion 83.00 (82.70 to 83.70): VU032486.D (-636) (-)

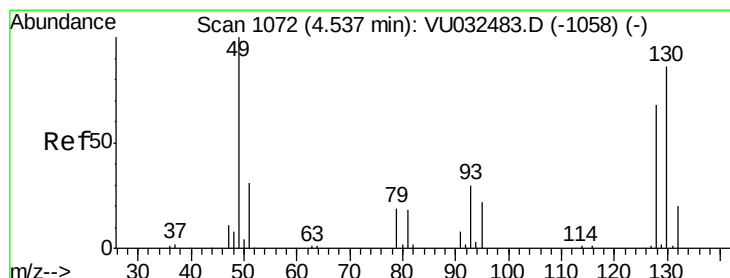
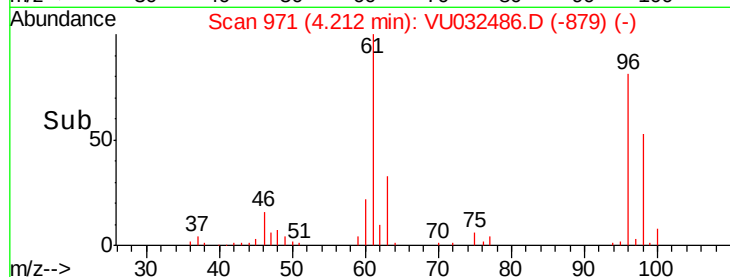
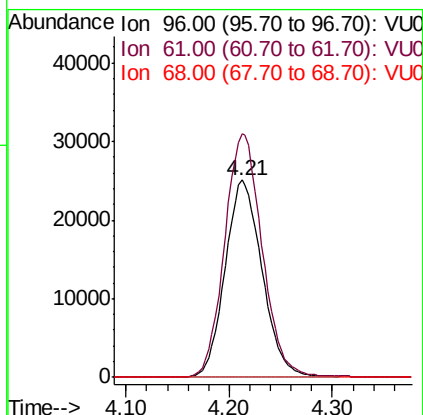
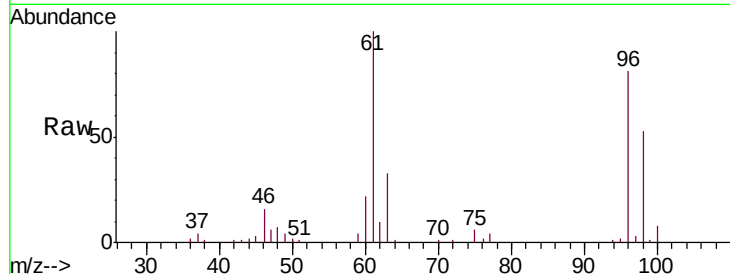




#20
 cis-1,2-Dichloroethene
 Concen: 41.644 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

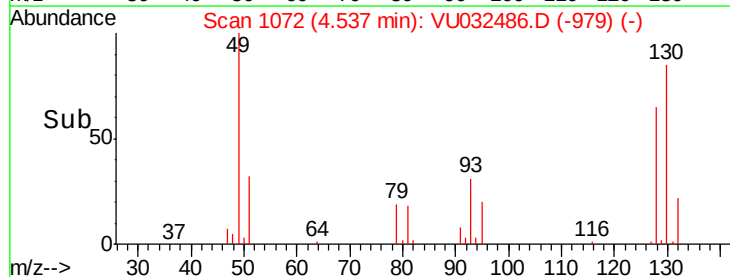
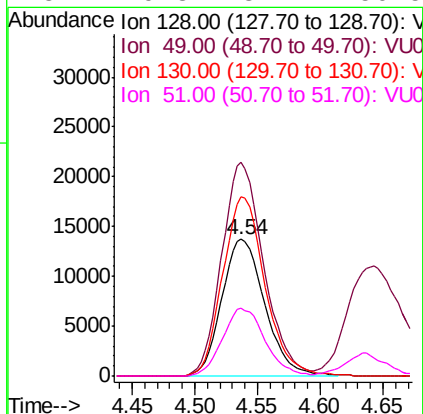
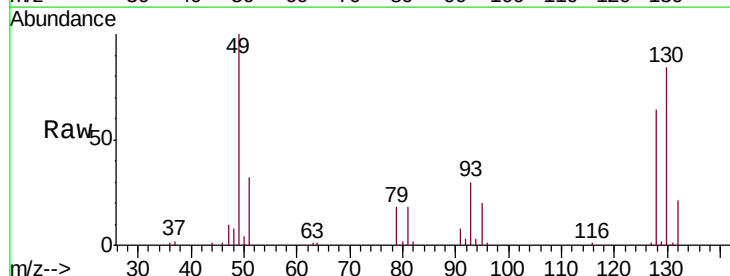
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8G8

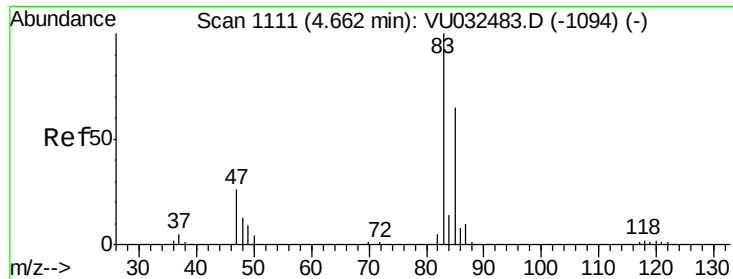
Tgt Ion: 96 Resp: 62873
 Ion Ratio Lower Upper
 96 100
 61 123.4 87.2 162.0
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 41.567 ug/L
 RT: 4.54 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

Tgt Ion: 128 Resp: 32631
 Ion Ratio Lower Upper
 128 100
 49 156.2 103.7 192.5
 130 131.2 92.2 171.2
 51 49.3 37.7 56.5

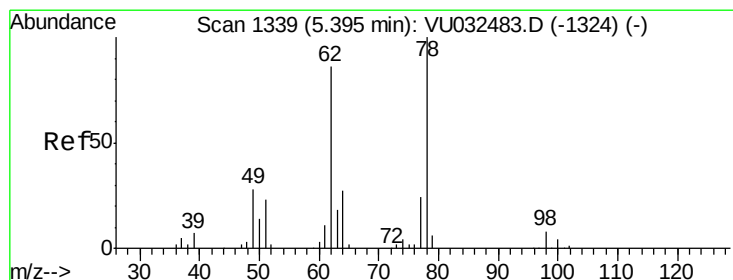
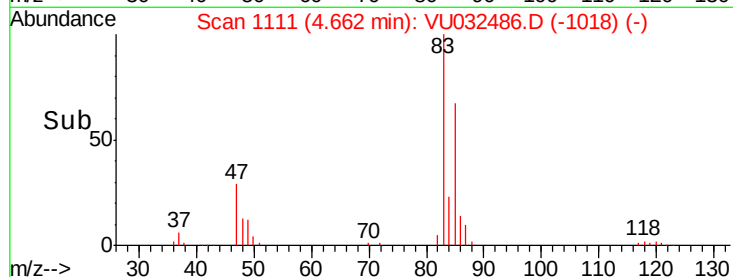
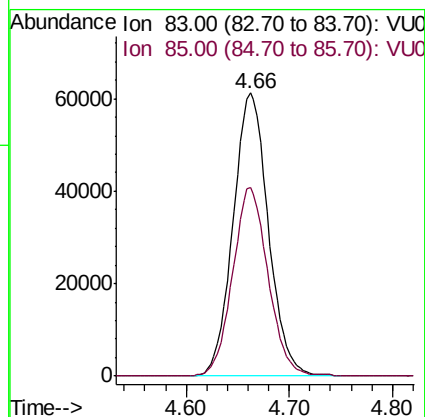
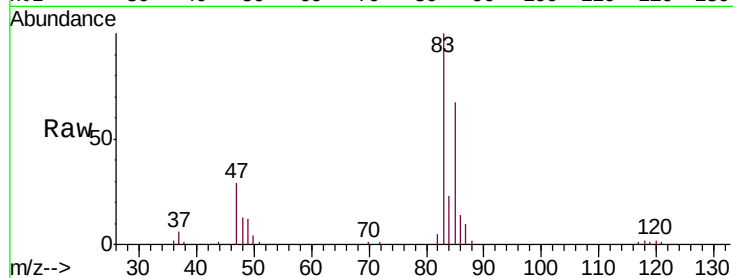




#25
Chloroform
Concen: 58.045 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VU032486.D
Acq: 06 Jun 2019 10:51

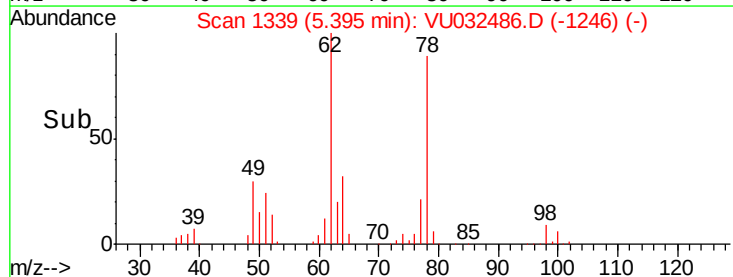
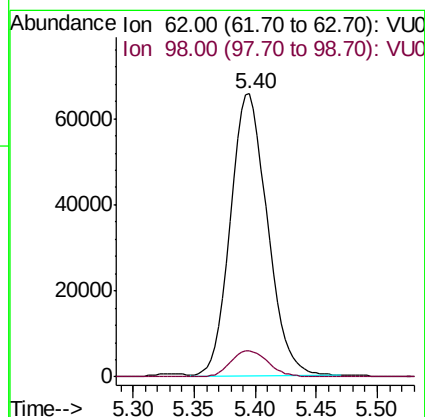
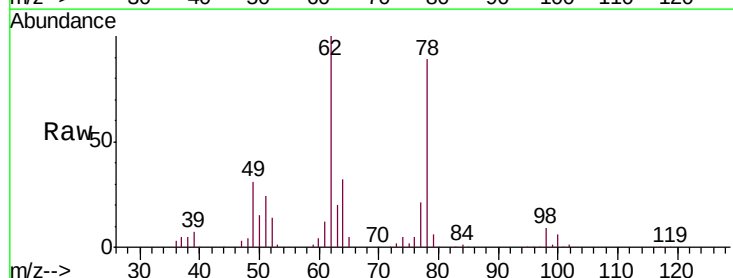
Instrument :
MSVOA_U
ClientSampled :
DB8G8

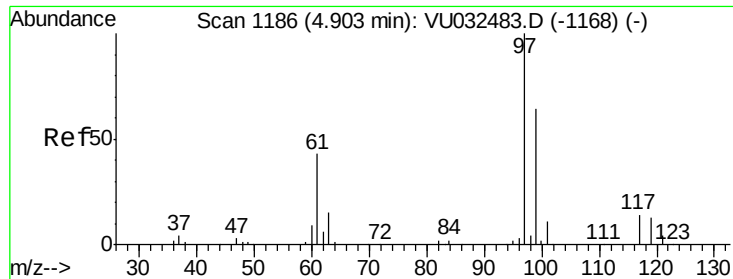
Tgt Ion: 83 Resp: 145673
Ion Ratio Lower Upper
83 100
85 66.8 44.7 82.9



#27
1,2-Dichloroethane
Concen: 70.088 ug/L
RT: 5.40 min Scan# 1339
Delta R.T. 0.00 min
Lab File: VU032486.D
Acq: 06 Jun 2019 10:51

Tgt Ion: 62 Resp: 139053
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8

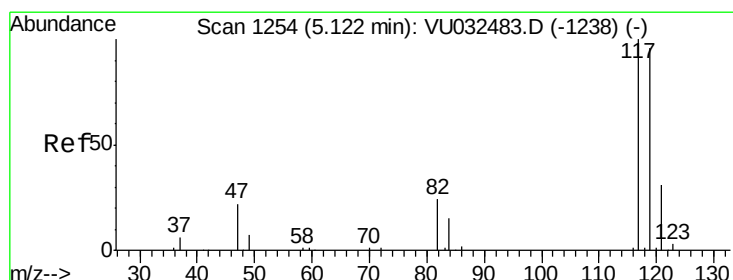
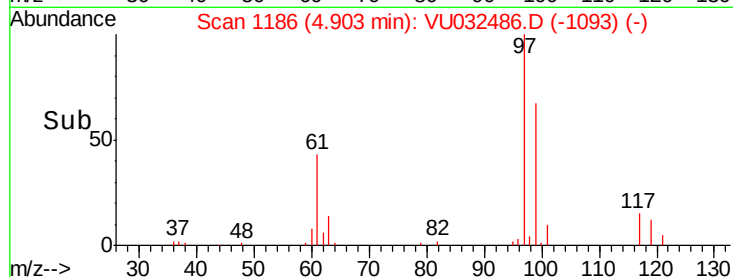
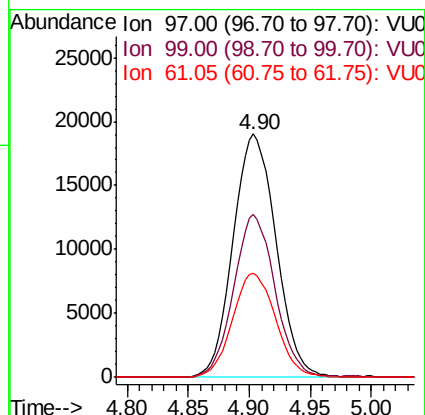
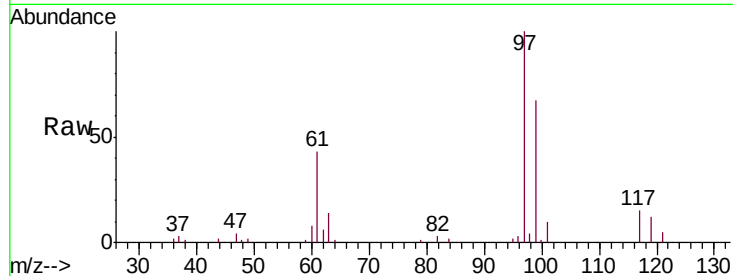




#30
 1,1,1-Trichloroethane
 Concen: 21.013 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

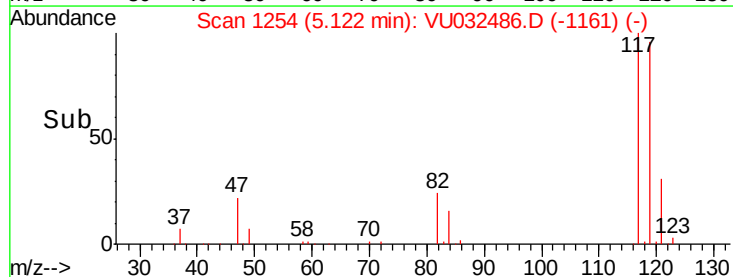
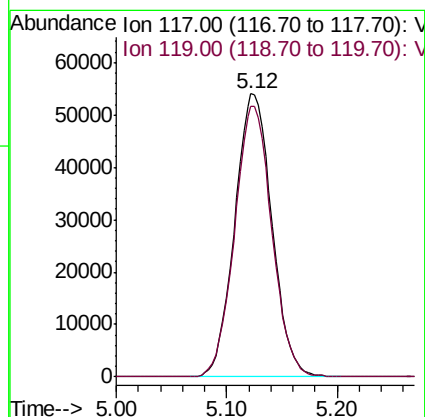
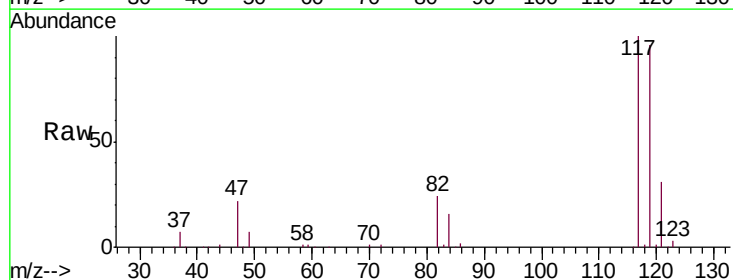
Instrument :
 MSVOA_U
 ClientSampled :
 DB8G8

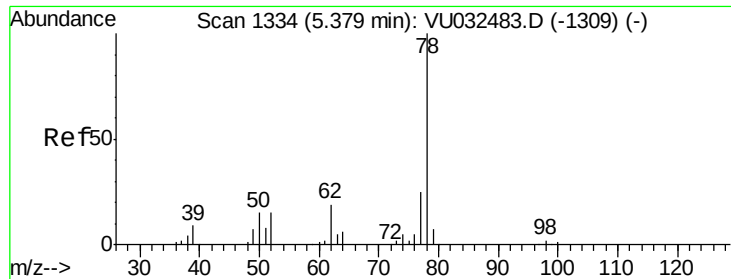
Tgt Ion: 97 Resp: 46525
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.5 75.7
 61 42.9 33.8 50.6



#31
 Carbon tetrachloride
 Concen: 62.159 ug/L
 RT: 5.12 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

Tgt Ion: 117 Resp: 126139
 Ion Ratio Lower Upper
 117 100
 119 95.6 76.6 114.8





#33

Benzene

Concen: 46.282 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

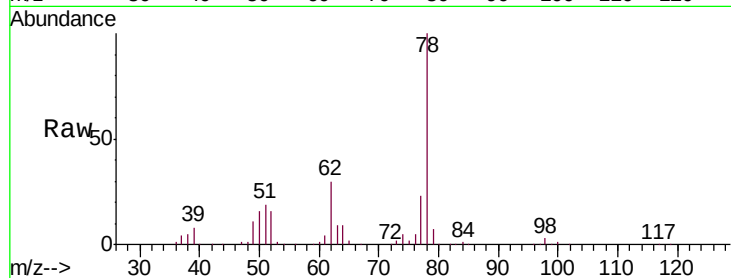
Instrument :

MSVOA_U

ClientSampleId :

DB8G8

Tgt Ion: 78 Resp: 254333



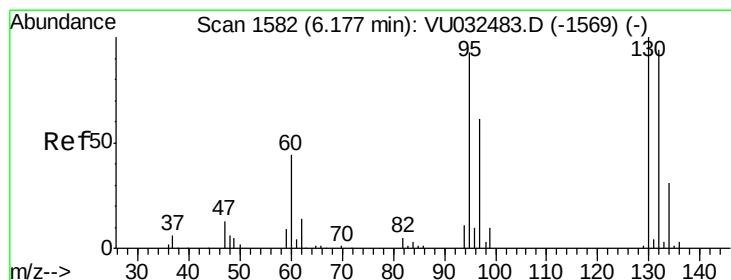
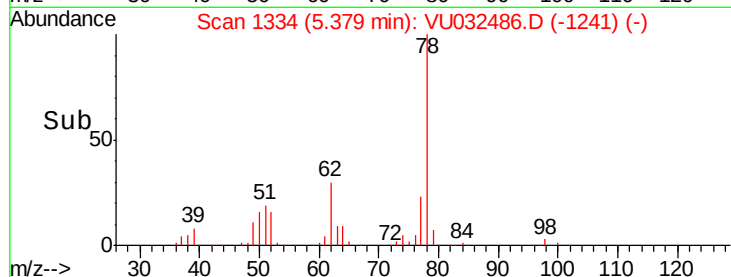
Abundance Ion 78.00 (77.70 to 78.70): VU0

5.38

100000

50000

Time-->



#34

Trichloroethene

Concen: 80.699 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

Tgt Ion: 95 Resp: 120651

Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.8	85.2
132	99.6	71.0	131.8
130	104.8	73.4	136.2

95 100

97 66.0 45.8 85.2

132 99.6 71.0 131.8

130 104.8 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

6.18

100000

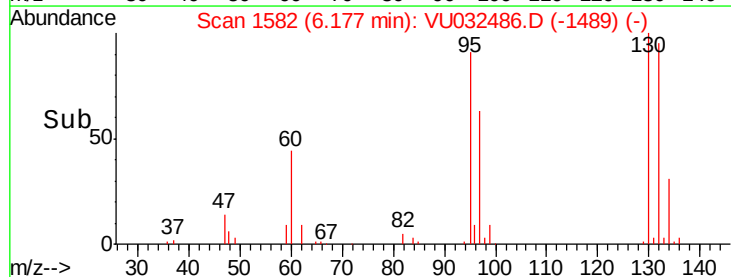
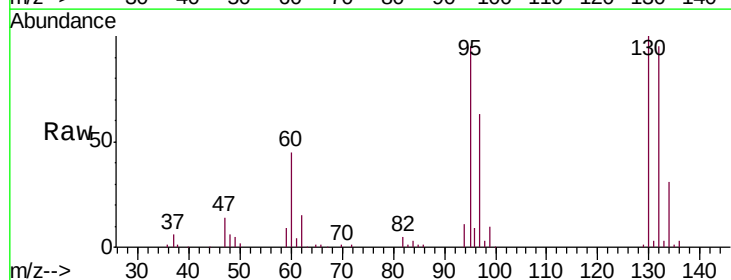
80000

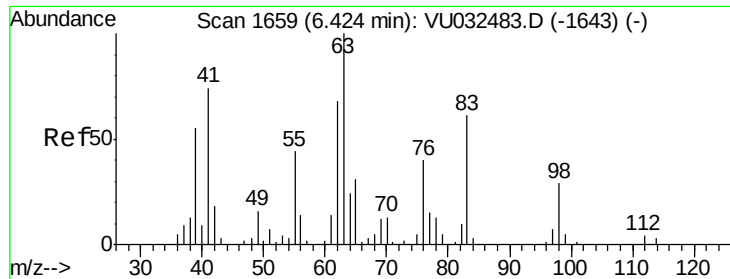
60000

40000

20000

Time-->

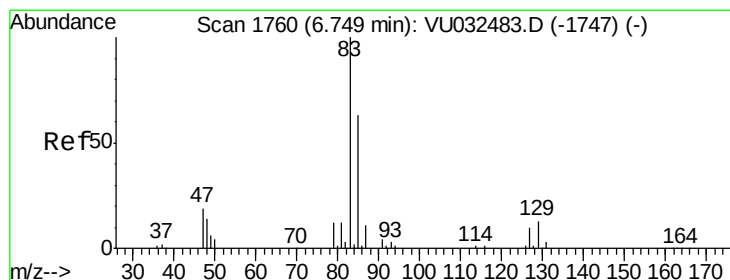
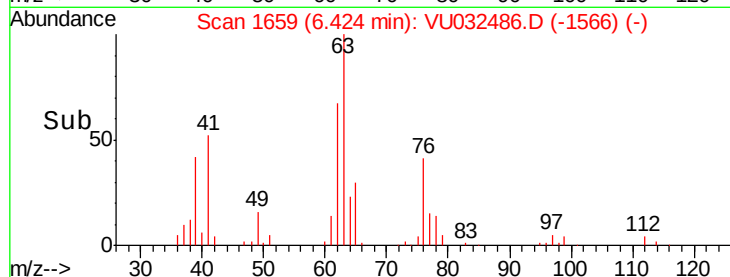
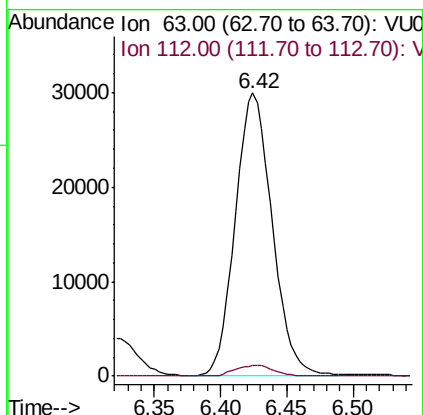
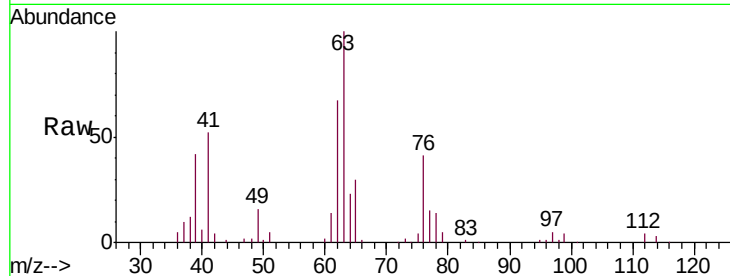




#37
 1,2-Dichloropropane
 Concen: 40.002 ug/L
 RT: 6.42 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

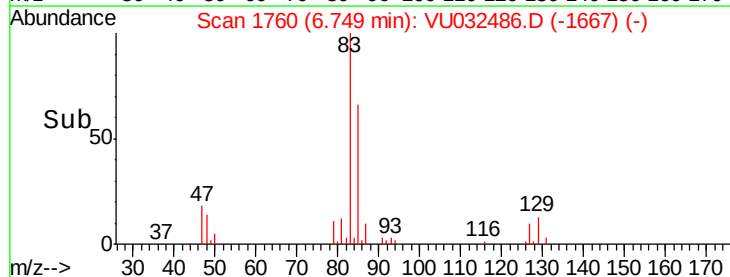
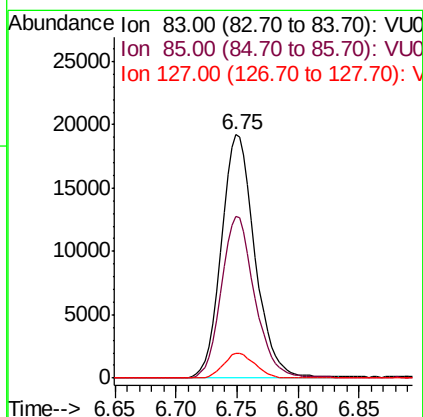
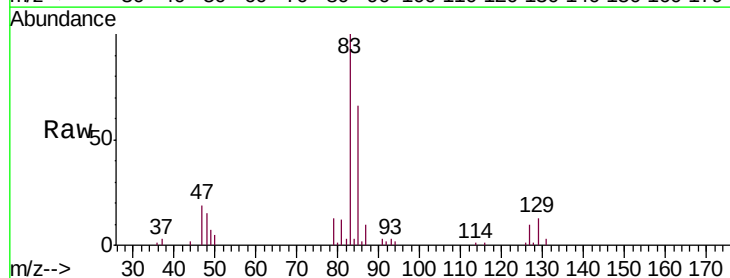
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8G8

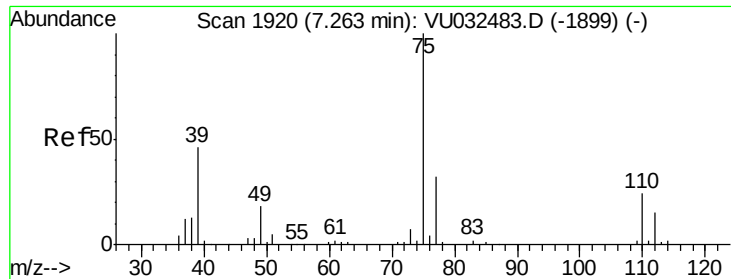
Tgt Ion: 63 Resp: 58272
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.1 4.7



#38
 Bromodichloromethane
 Concen: 19.764 ug/L
 RT: 6.75 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

Tgt Ion: 83 Resp: 37072
 Ion Ratio Lower Upper
 83 100
 85 66.2 45.4 84.4
 127 10.4 7.4 11.2

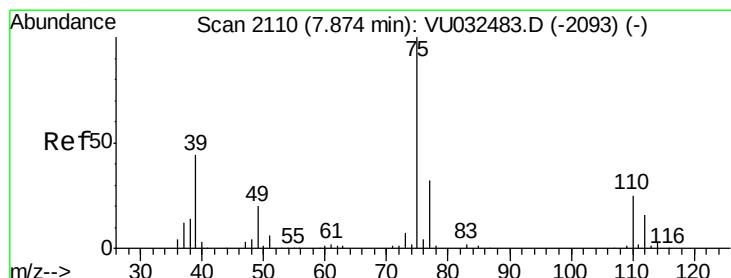
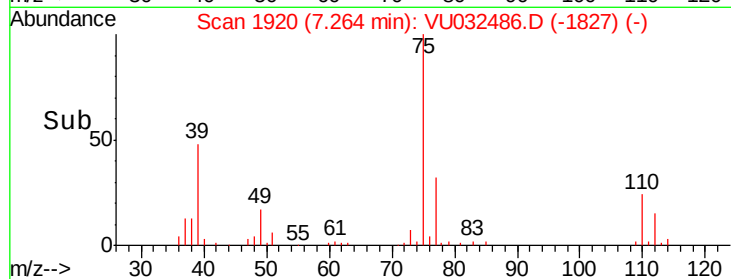
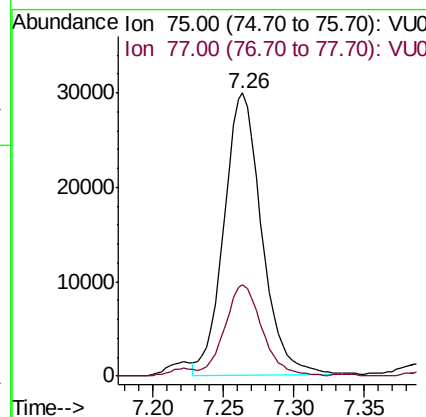
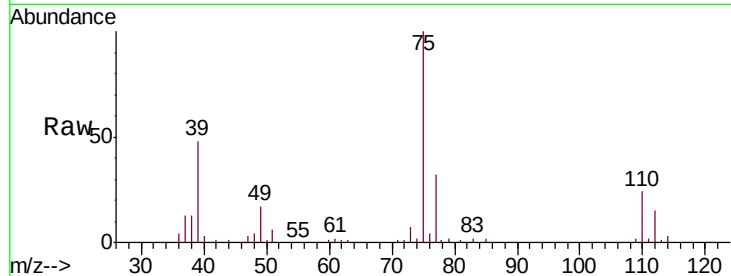




#39
 cis-1,3-Dichloropropene
 Concen: 24.305 ug/L
 RT: 7.26 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

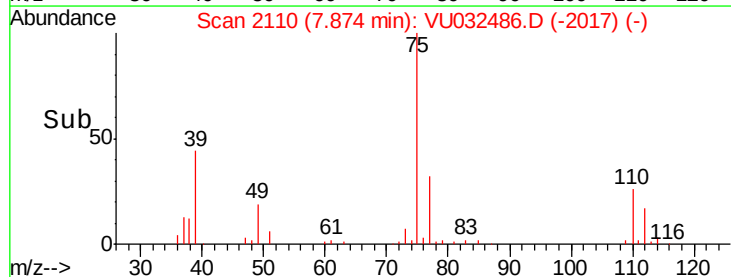
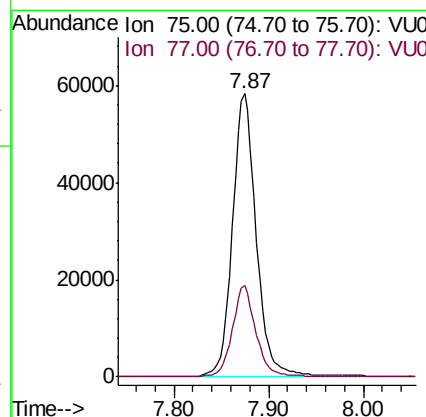
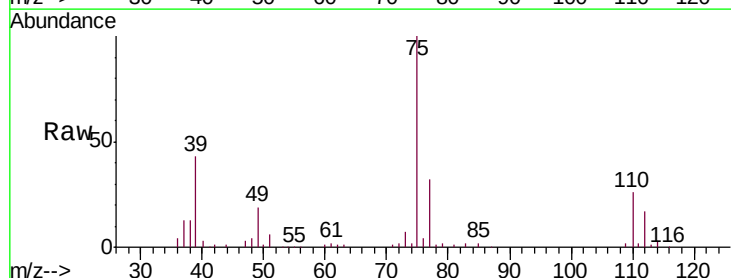
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8G8

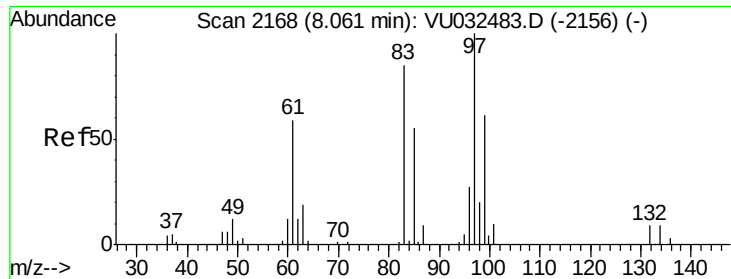
Tgt Ion: 75 Resp: 55864
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.0 41.0



#44
 trans-1,3-Dichloropropene
 Concen: 50.162 ug/L
 RT: 7.87 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

Tgt Ion: 75 Resp: 102332
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.1 41.1

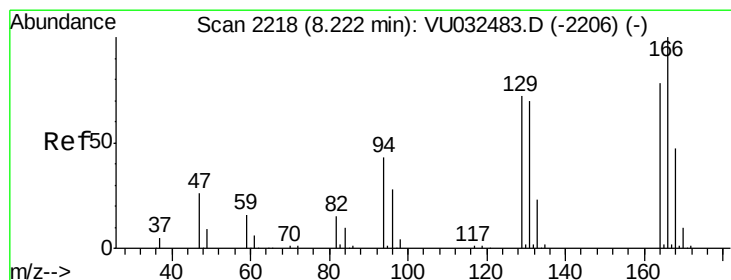
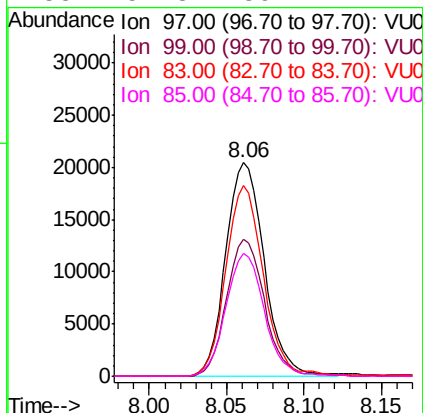
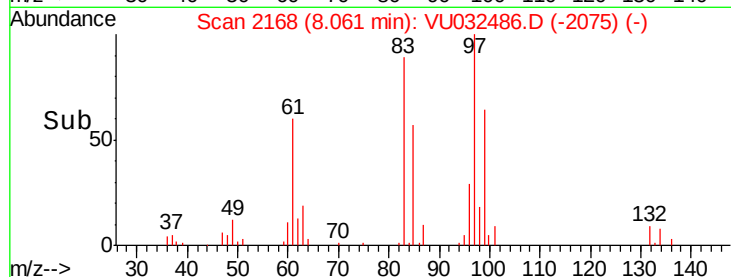
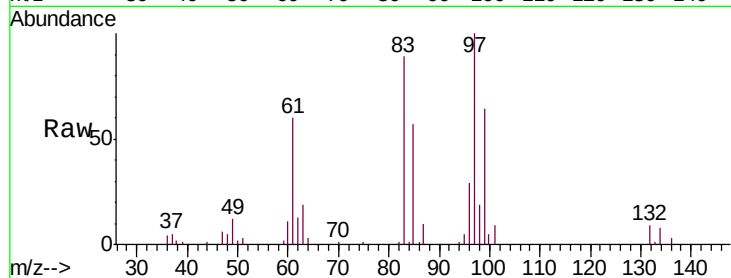




#45
 1,1,2-Trichloroethane
 Concen: 25.727 ug/L
 RT: 8.06 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

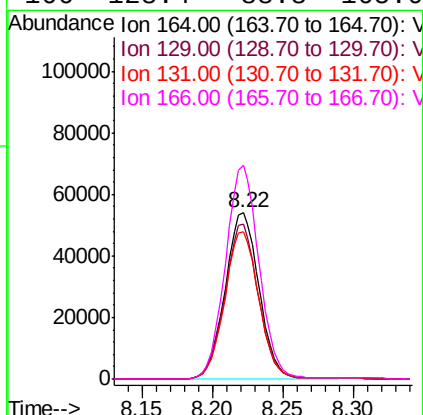
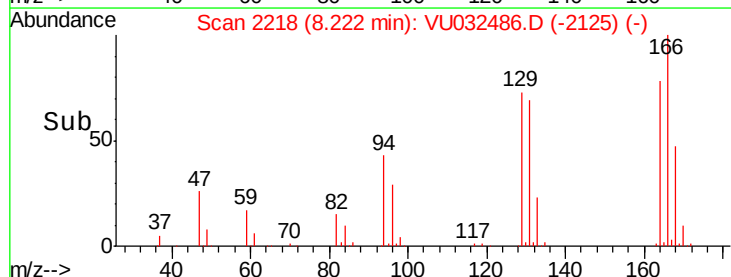
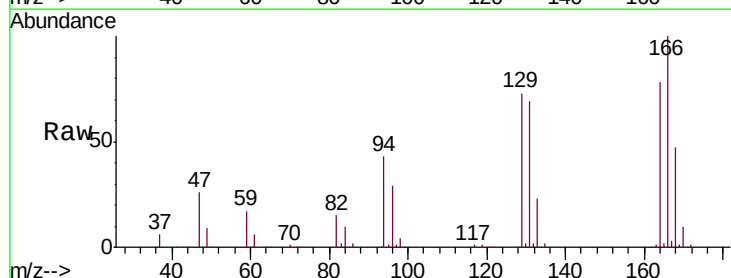
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8G8

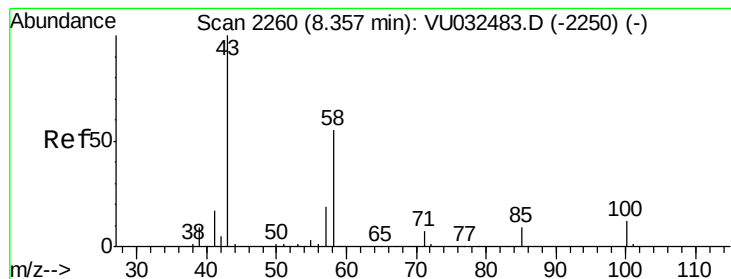
Tgt Ion:	97	Resp:	35441
Ion	Ratio	Lower	Upper
97	100		
99	64.4	44.1	81.9
83	89.3	59.4	110.2
85	57.3	39.1	72.7



#46
 Tetrachloroethene
 Concen: 73.624 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

Tgt Ion:	164	Resp:	90912
Ion	Ratio	Lower	Upper
164	100		
129	93.4	65.3	121.3
131	88.6	64.0	119.0
166	128.4	88.8	165.0





#48

2-Hexanone

Concen: 1.598 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

Instrument :

MSVOA_U

ClientSampleId :

DB8G8

Tgt Ion: 43 Resp: 3076

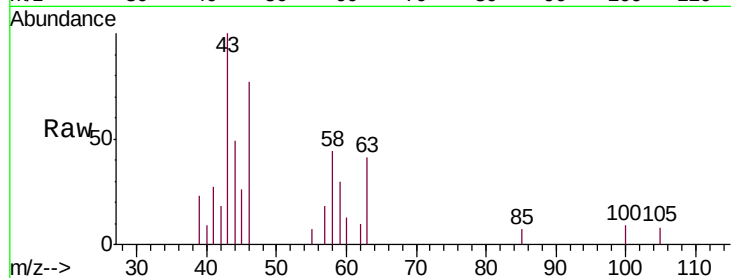
Ion Ratio Lower Upper

43 100

58 48.2 42.0 63.0

57 2.2 14.6 22.0#

100 3.4 9.2 13.8#

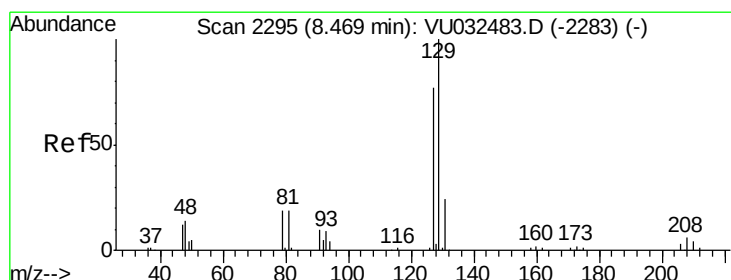
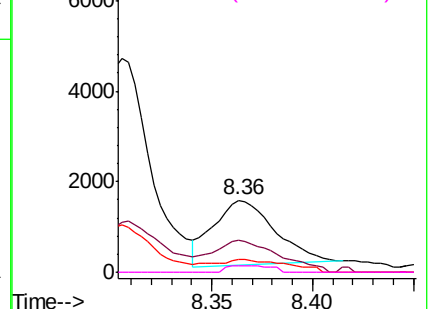
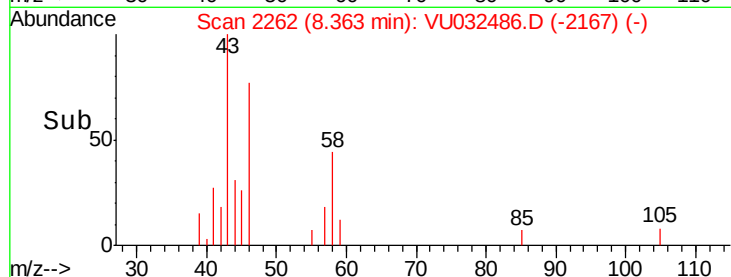


Abundance Ion 43.00 (42.70 to 43.70): VU032486.D (-2167) (-)

Ion 58.00 (57.70 to 58.70): VU032486.D (-2167) (-)

Ion 57.00 (56.70 to 57.70): VU032486.D (-2167) (-)

Ion 100.00 (99.70 to 100.70): VU032486.D (-2167) (-)



#49

Dibromochloromethane

Concen: 40.354 ug/L

RT: 8.47 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VU032486.D

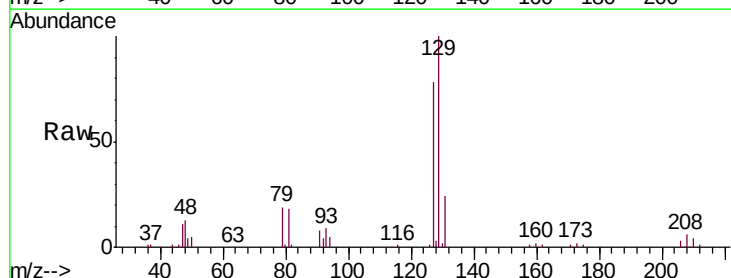
Acq: 06 Jun 2019 10:51

Tgt Ion: 129 Resp: 64614

Ion Ratio Lower Upper

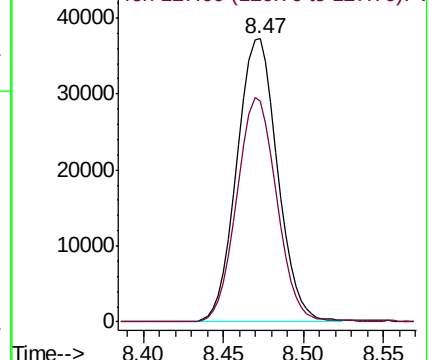
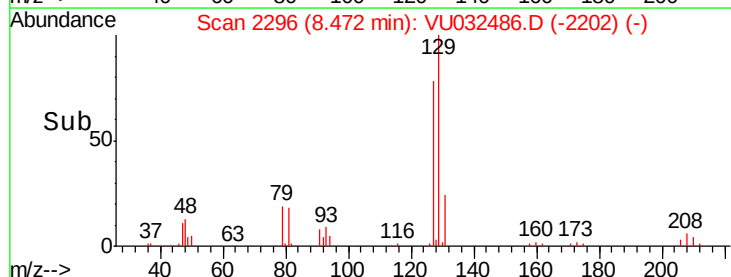
129 100

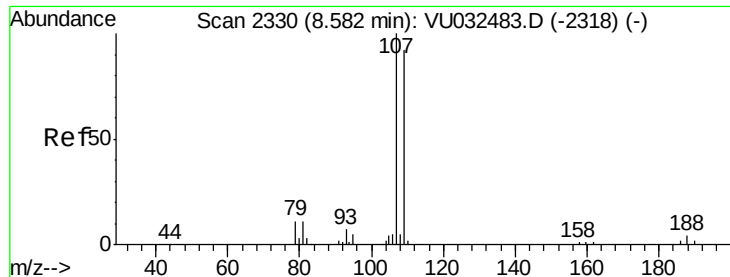
127 77.8 53.6 99.6



Abundance Ion 129.00 (128.70 to 129.70): VU032486.D (-2202) (-)

Ion 127.00 (126.70 to 127.70): VU032486.D (-2202) (-)

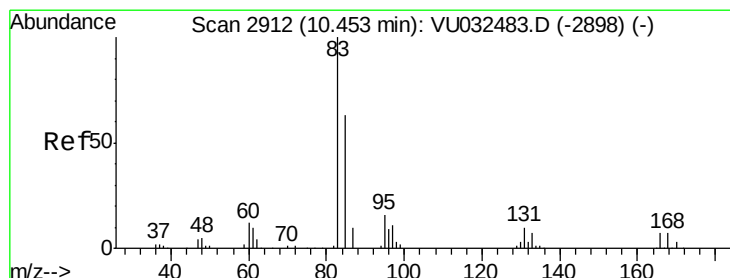
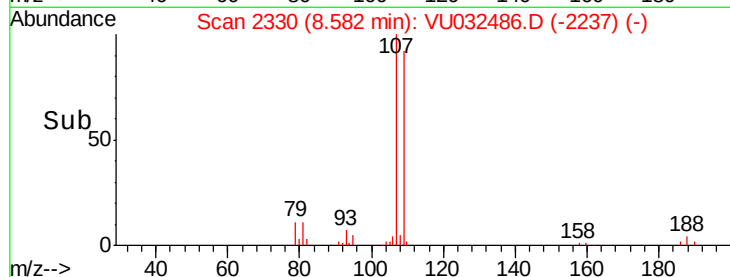
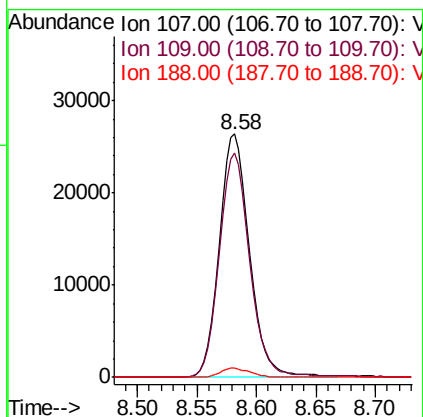
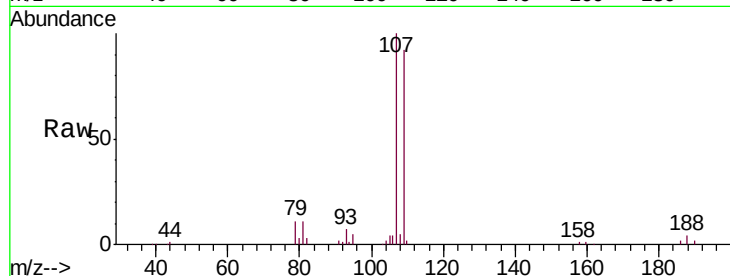




#50
 1,2-Dibromoethane
 Concen: 29.936 ug/L
 RT: 8.58 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

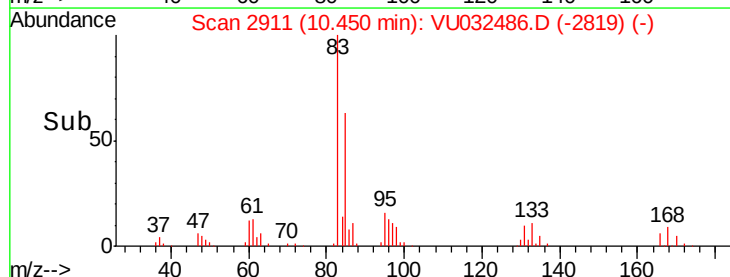
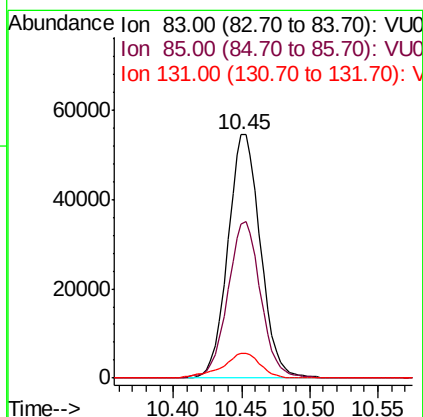
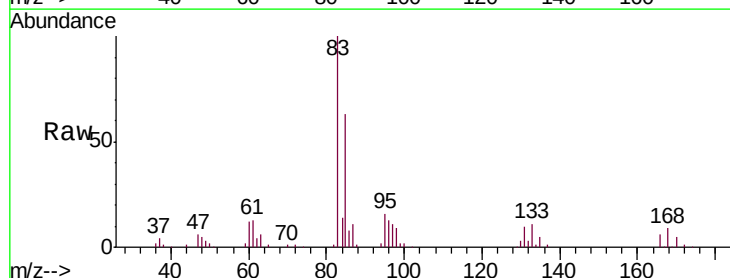
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8G8

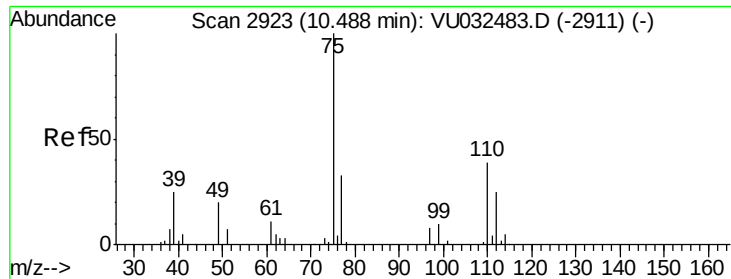
Tgt Ion: 107 Resp: 46417
 Ion Ratio Lower Upper
 107 100
 109 92.1 66.8 124.0
 188 3.8 3.1 4.7



#58
 1,1,2,2-Tetrachloroethane
 Concen: 38.477 ug/L
 RT: 10.45 min Scan# 2911
 Delta R.T. -0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

Tgt Ion: 83 Resp: 90590
 Ion Ratio Lower Upper
 83 100
 85 63.2 45.1 83.7
 131 10.2 7.9 11.9

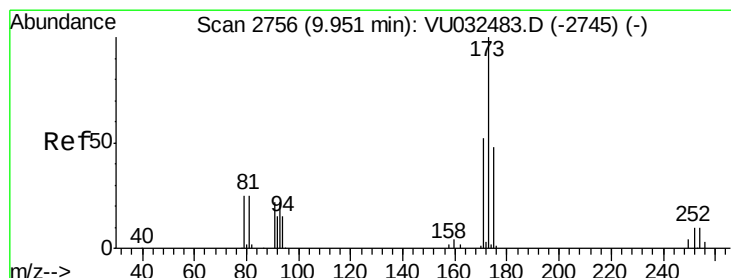
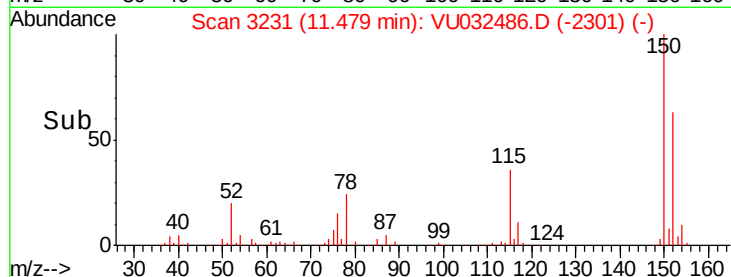
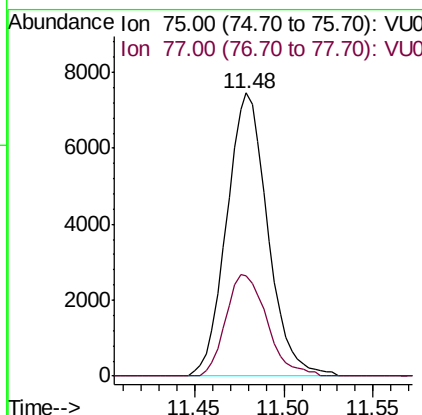
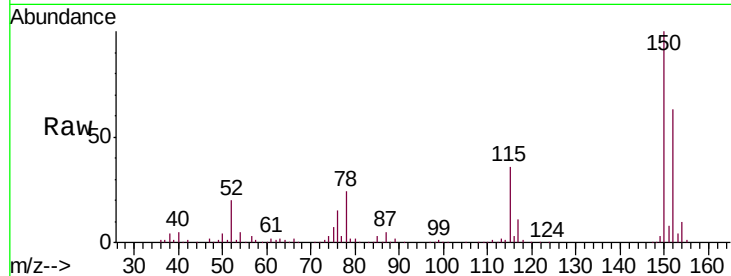




#59
 1,2,3-Trichloropropane
 Concen: 6.328 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

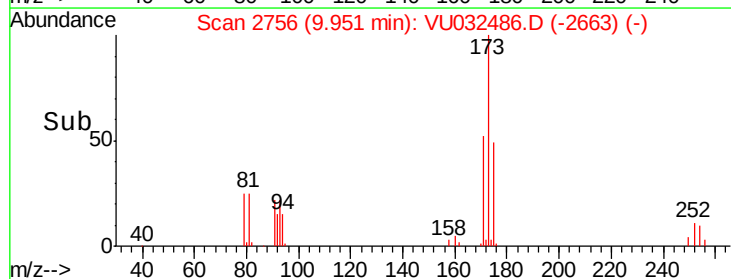
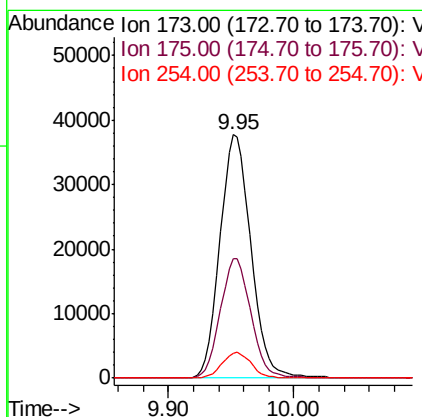
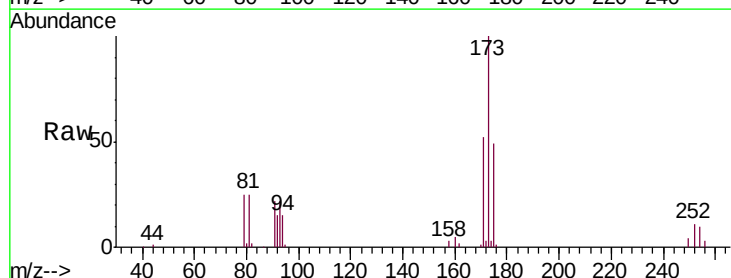
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8G8

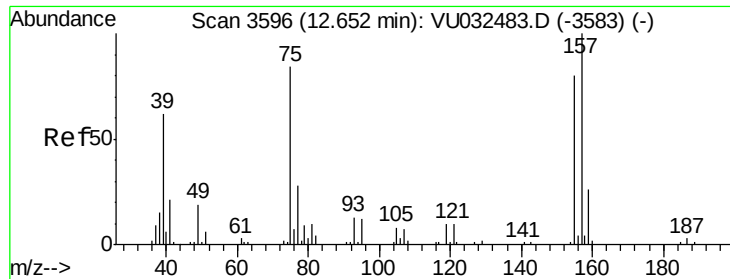
Tgt Ion: 75 Resp: 11984
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.6 38.4



#61
 Bromoform
 Concen: 52.075 ug/L
 RT: 9.95 min Scan# 2756
 Delta R.T. 0.00 min
 Lab File: VU032486.D
 Acq: 06 Jun 2019 10:51

Tgt Ion: 173 Resp: 64674
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.7 59.5
 254 9.9 7.8 11.8





#66

1,2-Dibromo-3-chloropropane

Concen: 40.297 ug/L

RT: 12.65 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VU032486.D

Acq: 06 Jun 2019 10:51

Instrument :

MSVOA_U

ClientSampleId :

DB8G8

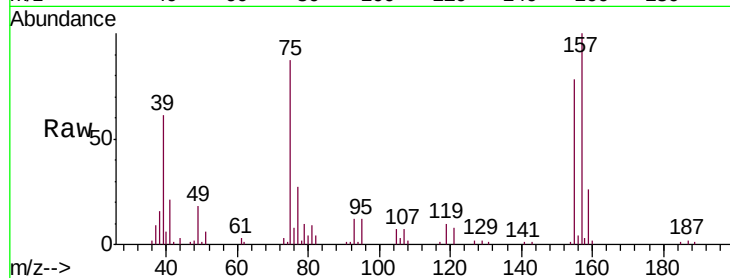
Tgt Ion: 75 Resp: 21602

Ion Ratio Lower Upper

75 100

155 89.6 73.1 109.7

157 114.6 91.4 137.2



Abundance Ion 75.00 (74.70 to 75.70): VU032486.D (-3472) (-)

Ion 155.00 (154.70 to 155.70): VU032486.D (-3472) (-)

Ion 157.00 (156.70 to 157.70): VU032486.D (-3472) (-)

