

Data File : VU035490.D
Acq On : 25 Oct 2019 16:42
Operator : JC/SP
Sample : K5554-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ97

Quant Time: Oct 26 04:10:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 04:07:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	177907	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	201313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	106657	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121426	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.93	69	99111	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.59	63	176942	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.71	46	253310	54.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.18%
24) Chloroform-d	5.11	84	194136	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
26) 1,2-Dichloroethane-d4	5.75	65	98628	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.77	84	374158	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.74	67	124429	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.93	98	354554	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
43) trans-1,3-Dichloropropene-	8.22	79	46911	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	8.68	63	186050	53.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98224	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	114122	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	110091	4.580 ug/L	98
5) Vinyl chloride	1.62	62	129818	4.667 ug/L	95
8) Chloroethane	1.95	64	265793	16.203 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	226494	12.476 ug/L	98
12) 1,1-Dichloroethene	2.61	96	43704	2.582 ug/L #	71
13) Acetone	2.67	43	709105	199.362 ug/L	100
15) Methyl Acetate	3.00	43	99562	12.211 ug/L	99
16) Methylene chloride	3.08	84	4489	0.205 ug/L	92
18) trans-1,2-Dichloroethene	3.39	96	61370	3.332 ug/L	99
19) 1,1-Dichloroethane	3.92	63	91762	2.525 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	94909	4.831 ug/L	98
23) Bromochloromethane	5.03	128	53106	5.845 ug/L	96
25) Chloroform	5.14	83	345937	8.976 ug/L	99
27) 1,2-Dichloroethane	5.84	62	51759	2.275 ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	71500	2.364 ug/L	98
31) Carbon tetrachloride	5.57	117	94366	3.496 ug/L	99
34) Trichloroethene	6.58	95	49176	2.497 ug/L	98

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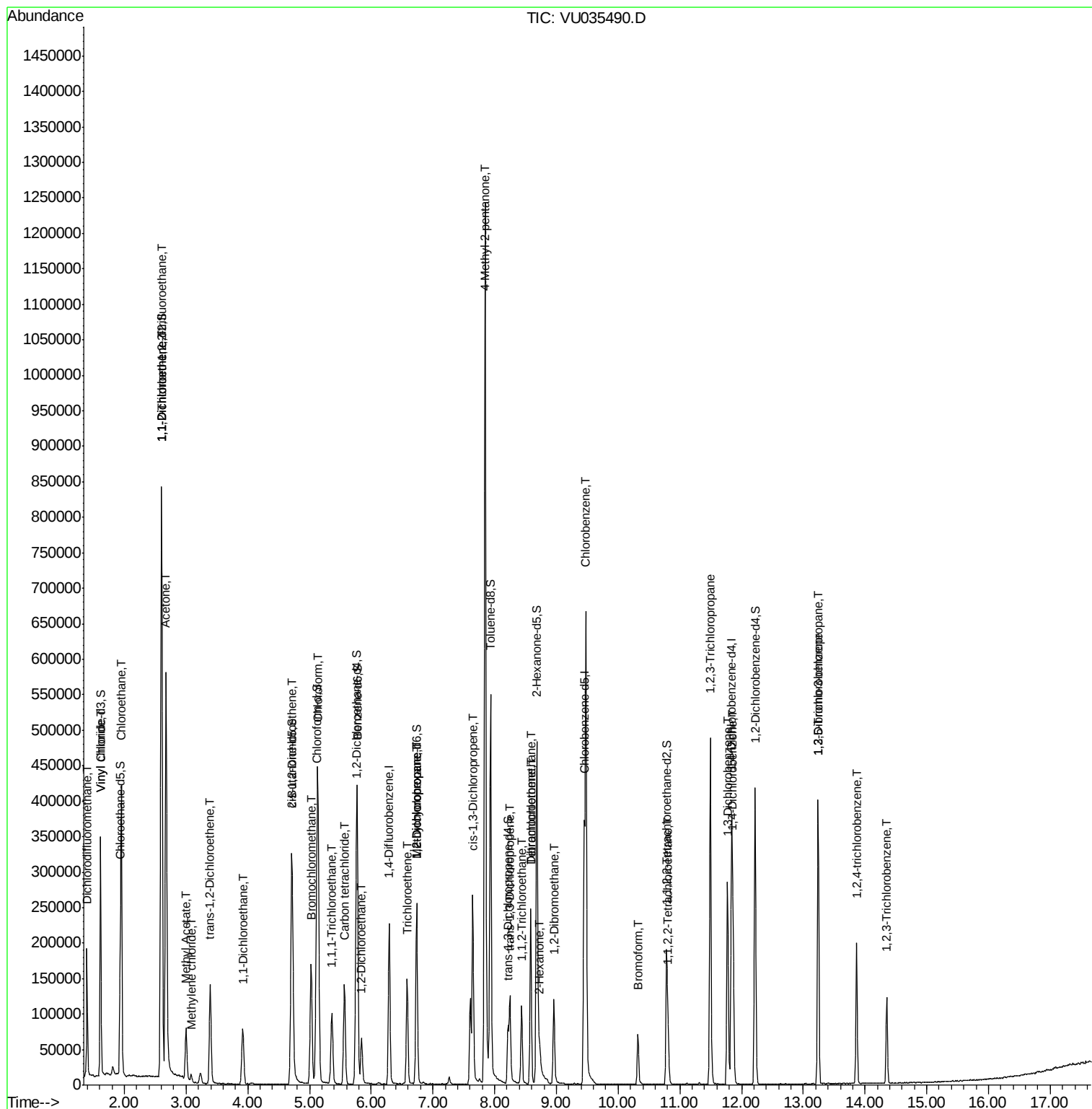
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	6.74	83	27422	0.900	ug/L #	15
37) 1,2-Dichloropropane	6.74	63	13401	0.633	ug/L #	86
39) cis-1,3-Dichloropropene	7.65	75	162245	5.503	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	844771	67.351	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	71180	3.052	ug/L	96
45) 1,1,2-Trichloroethane	8.44	97	33683	2.290	ug/L	97
47) Tetrachloroethene	8.58	164	57569	3.560	ug/L	98
48) 2-Hexanone	8.73	43	14404	1.708	ug/L #	93
49) Dibromochloromethane	8.58	129	49777	2.892	ug/L #	10
50) 1,2-Dibromoethane	8.96	107	78598	5.748	ug/L	99
51) Chlorobenzene	9.48	112	358725	6.956	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	34989	1.819	ug/L	96
59) 1,2,3-Trichloropropane	11.49	75	2795	0.206	ug/L #	1
61) Bromoform	10.32	173	32814	3.167	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	125102	3.435	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	81611	2.252	ug/L	95
66) 1,2-Dibromo-3-chloropropan	13.24	75	21057	8.964	ug/L #	2
67) 1,3,5-Trichlorobenzene	13.24	180	131065	5.826	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	62365	4.985	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	37449	3.004	ug/L	99

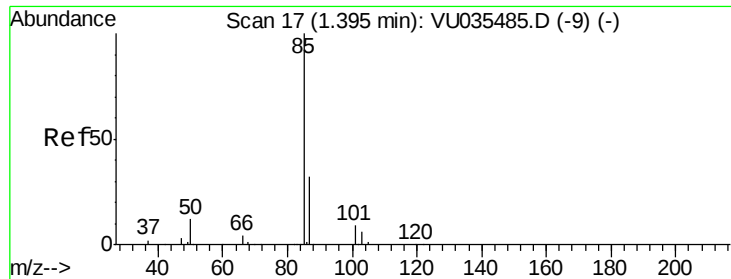
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.580 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU035490.D

Acq: 25 Oct 2019 16:42

Instrument :

MSVOA_U

ClientSampleId :

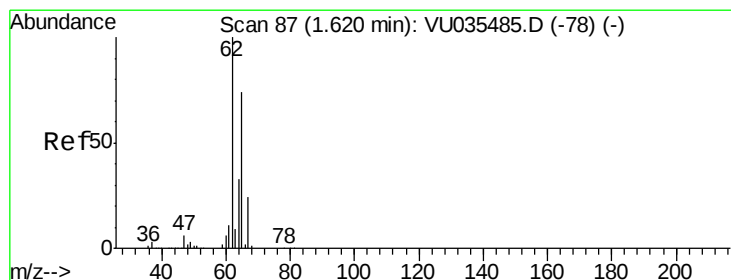
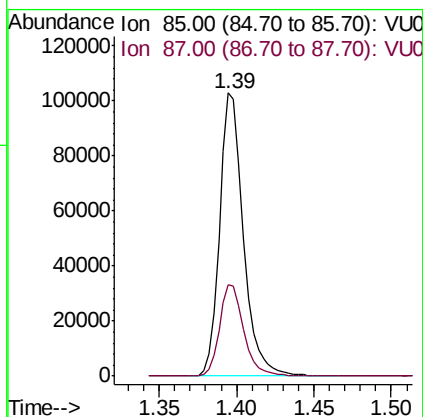
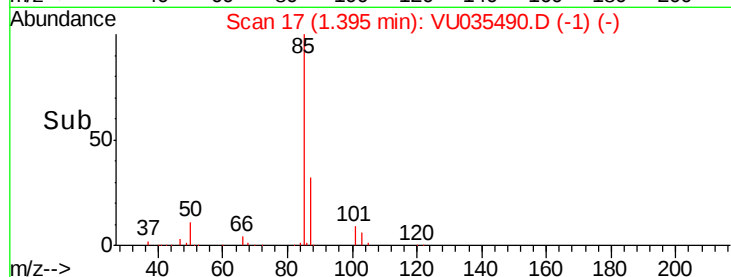
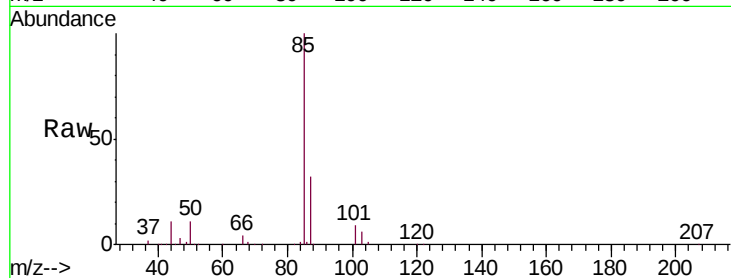
GAQ97

Tgt Ion: 85 Resp: 110091

Ion Ratio Lower Upper

85 100

87 33.0 25.4 38.2



#5

Vinyl chloride

Concen: 4.667 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU035490.D

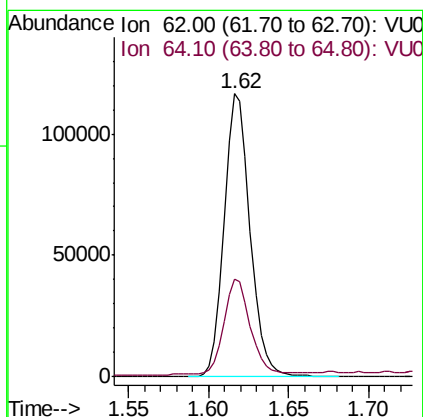
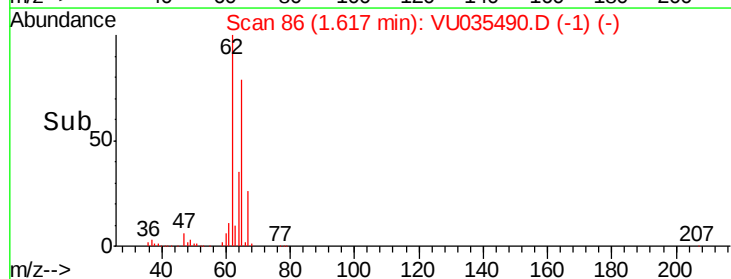
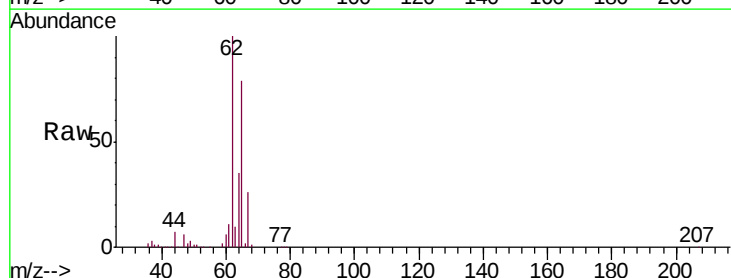
Acq: 25 Oct 2019 16:42

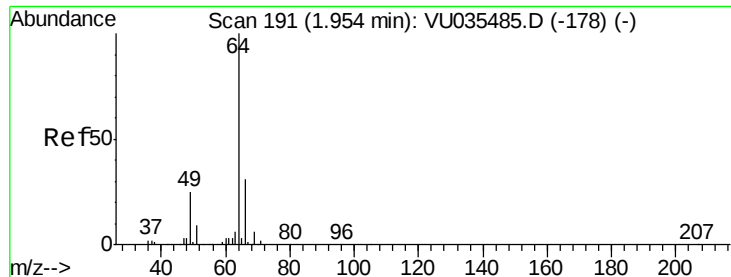
Tgt Ion: 62 Resp: 129818

Ion Ratio Lower Upper

62 100

64 34.8 22.5 41.9





#8

Chloroethane

Concen: 16.203 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU035490.D

Acq: 25 Oct 2019 16:42

Instrument :

MSVOA_U

ClientSampleId :

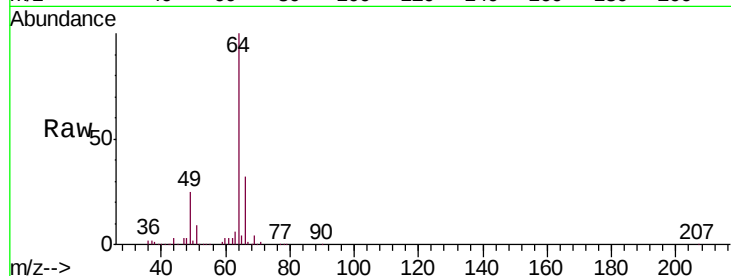
GAQ97

Tgt Ion: 64 Resp: 265793

Ion Ratio Lower Upper

64 100

66 31.9 21.8 40.6



Abundance Ion 64.10 (63.80 to 64.80): VU035485.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU035485.D (-178) (-)

1.95

200000

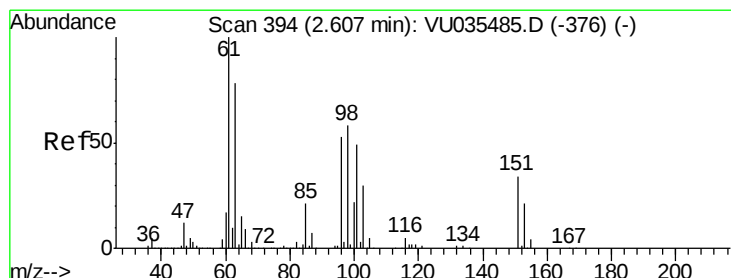
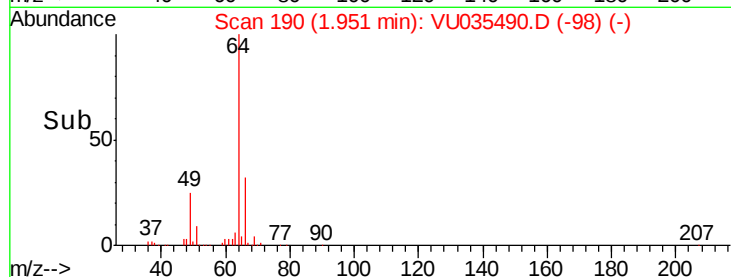
150000

100000

50000

0

Time-->



#10

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

Concen: 12.476 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035490.D

Acq: 25 Oct 2019 16:42

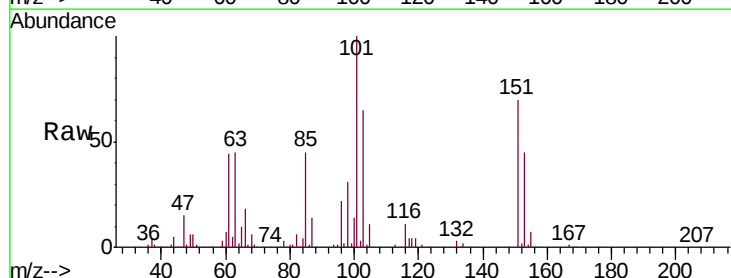
Tgt Ion: 101 Resp: 226494

Ion Ratio Lower Upper

101 100

85 45.2 34.7 52.1

151 70.3 54.8 82.2



Abundance Ion 101.00 (100.70 to 101.70): VU035485.D (-376) (-)

Ion 85.00 (84.70 to 85.70): VU035485.D (-376) (-)

Ion 151.00 (150.70 to 151.70): VU035485.D (-376) (-)

2.61

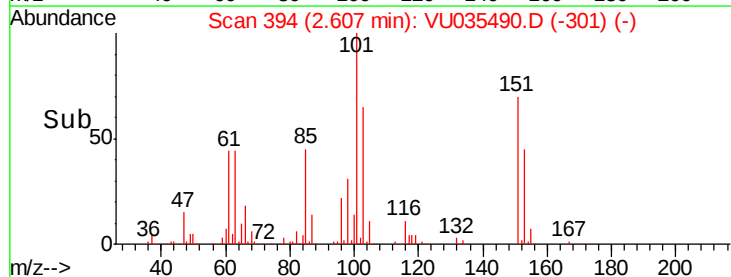
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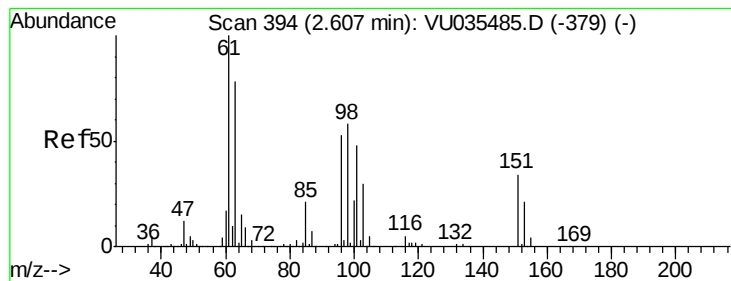
100000

50000

0

Time-->





#12

1,1-Dichloroethene

Concen: 2.582 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035490.D

Acq: 25 Oct 2019 16:42

Instrument :

MSVOA_U

ClientSampleId :

GAQ97

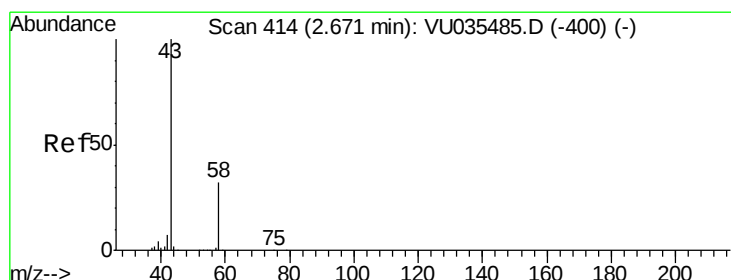
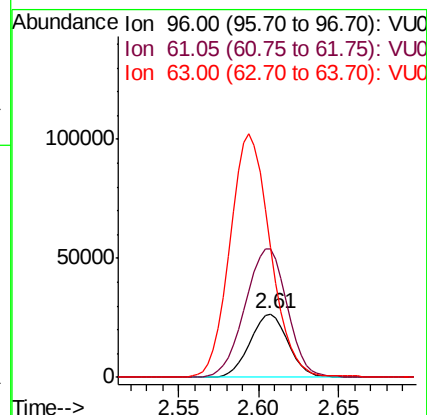
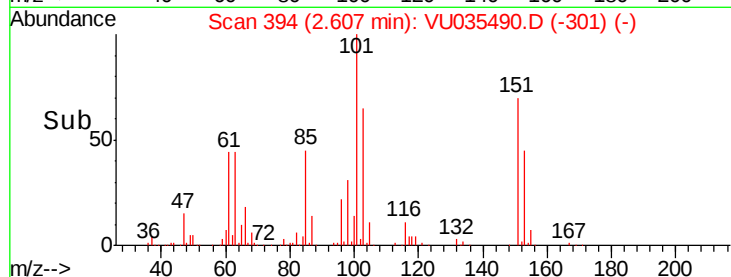
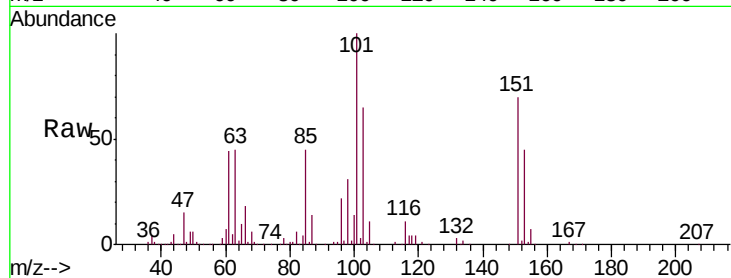
Tgt Ion: 96 Resp: 43704

Ion Ratio Lower Upper

96 100

61 202.9 131.9 244.9

63 205.3 97.0 180.2#



#13

Acetone

Concen: 199.362 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU035490.D

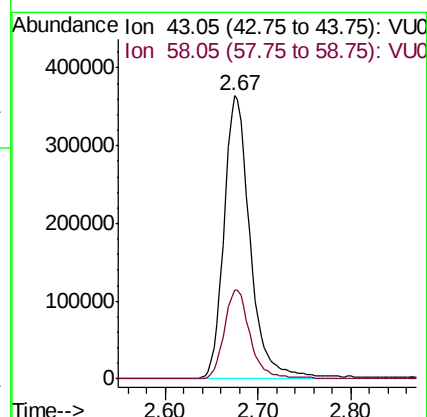
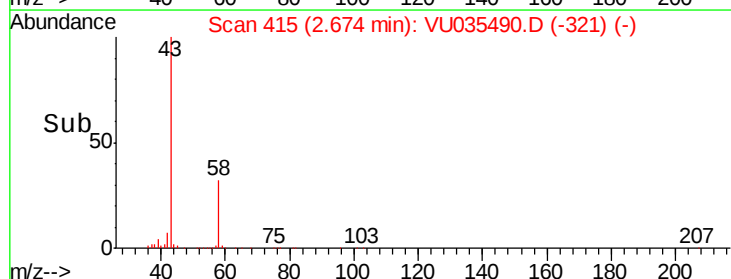
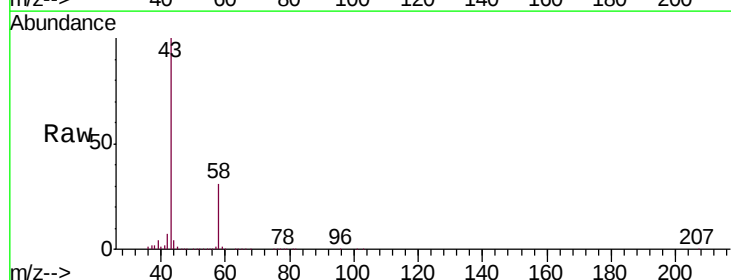
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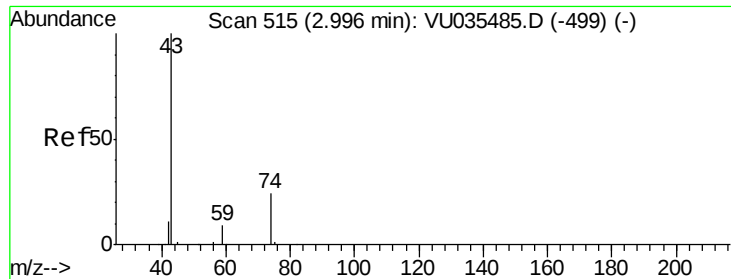
Tgt Ion: 43 Resp: 709105

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.2

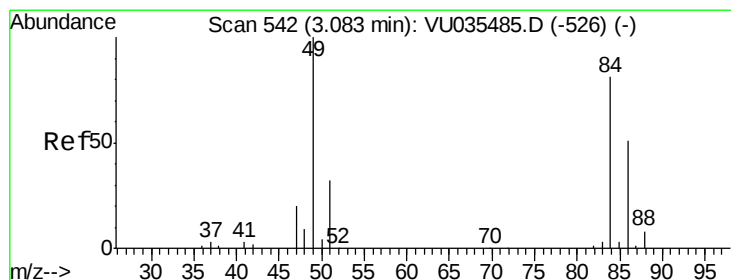
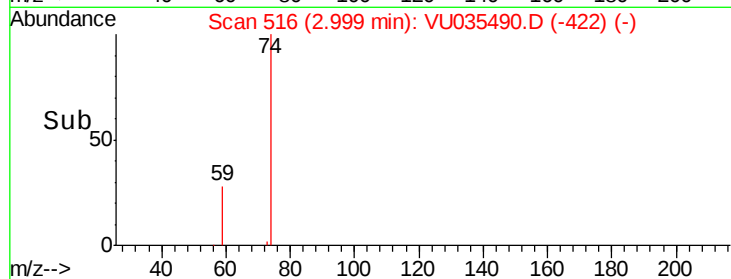
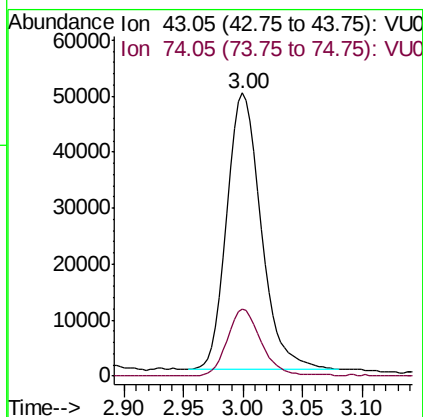
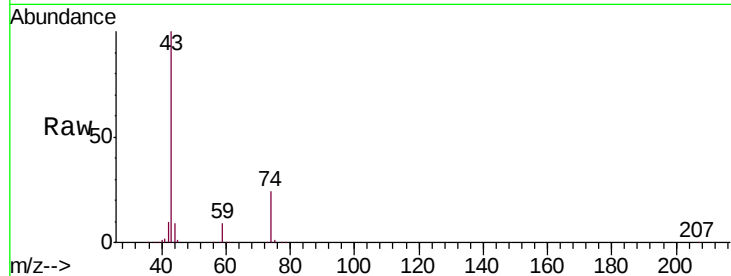




#15
Methyl Acetate
Concen: 12.211 ug/L
RT: 3.00 min Scan# 516
Delta R.T. 0.00 min
Lab File: VU035490.D
Acq: 25 Oct 2019 16:42

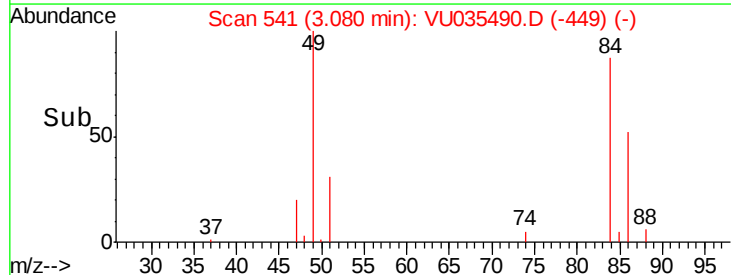
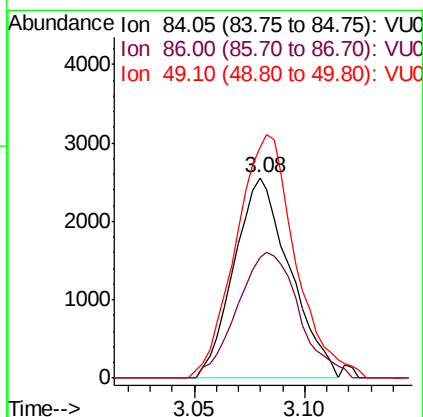
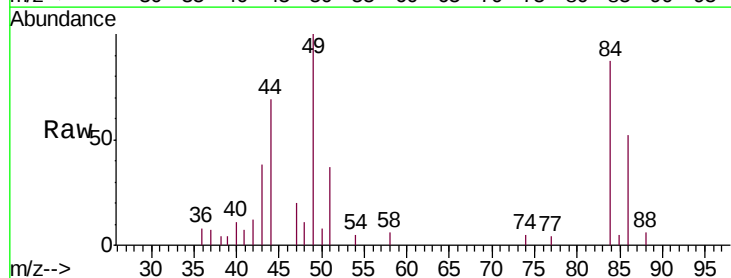
Instrument :
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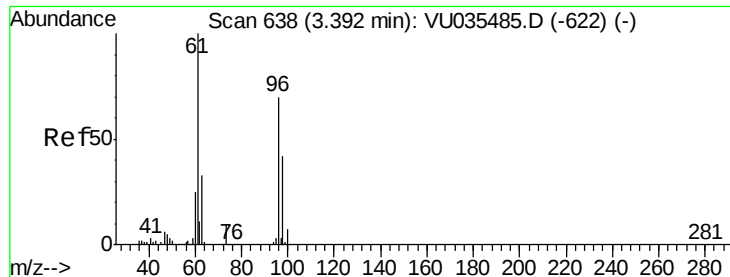
Tgt Ion: 43 Resp: 99562
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2



#16
Methylene chloride
Concen: 0.205 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035490.D
Acq: 25 Oct 2019 16:42

Tgt Ion: 84 Resp: 4489
Ion Ratio Lower Upper
84 100
86 60.0 43.7 81.1
49 115.3 89.5 166.3





#18

trans-1,2-Dichloroethene

Concen: 3.332 ug/L

RT: 3.39 min Scan# 638

Delta R.T. -0.00 min

Lab File: VU035490.D

Acq: 25 Oct 2019 16:42

Instrument :

MSVOA_U

ClientSampleId :

GAQ97

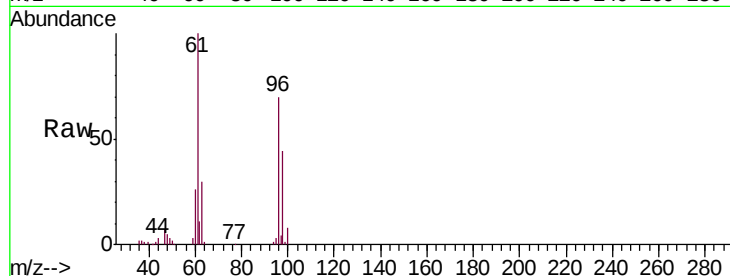
Tgt Ion: 96 Resp: 61370

Ion Ratio Lower Upper

96 100

61 142.4 99.0 184.0

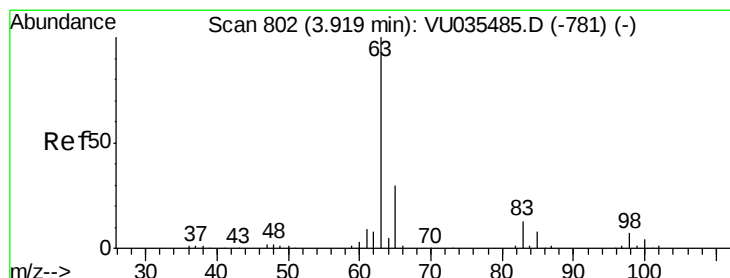
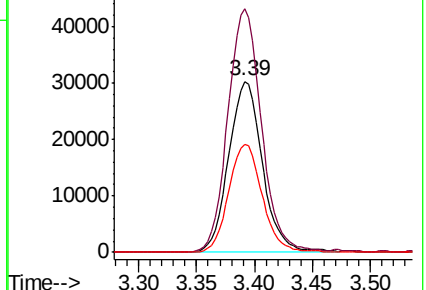
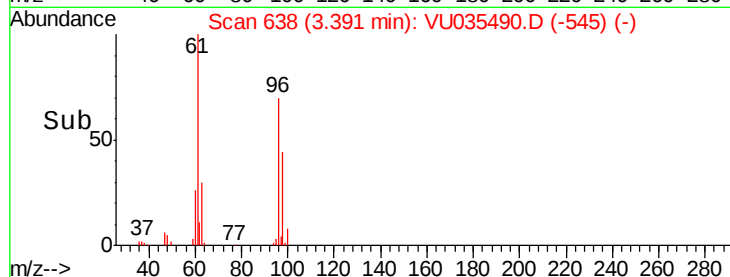
98 63.0 43.8 81.4



Abundance Ion 96.00 (95.70 to 96.70): VU035490.D (-545) (-)

Ion 61.05 (60.75 to 61.75): VU035490.D (-545) (-)

Ion 97.95 (97.65 to 98.65): VU035490.D (-545) (-)



#19

1,1-Dichloroethane

Concen: 2.525 ug/L

RT: 3.92 min Scan# 802

Delta R.T. -0.00 min

Lab File: VU035490.D

Acq: 25 Oct 2019 16:42

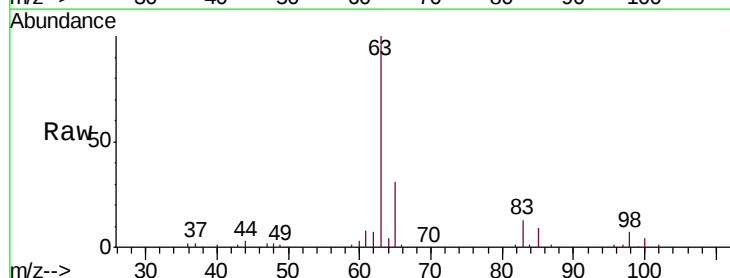
Tgt Ion: 63 Resp: 91762

Ion Ratio Lower Upper

63 100

65 31.1 22.0 41.0

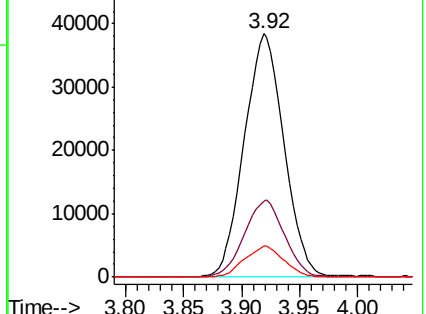
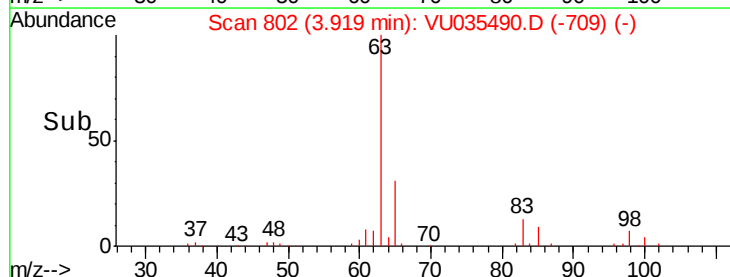
83 12.7 9.2 17.2

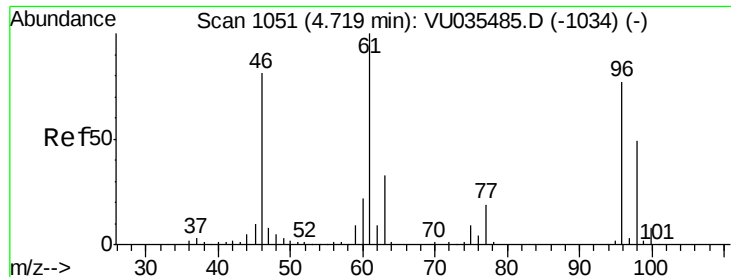


Abundance Ion 63.10 (62.80 to 63.80): VU035490.D (-709) (-)

Ion 65.10 (64.80 to 65.80): VU035490.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VU035490.D (-709) (-)





#22

cis-1,2-Dichloroethene

Concen: 4.831 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. -0.00 min

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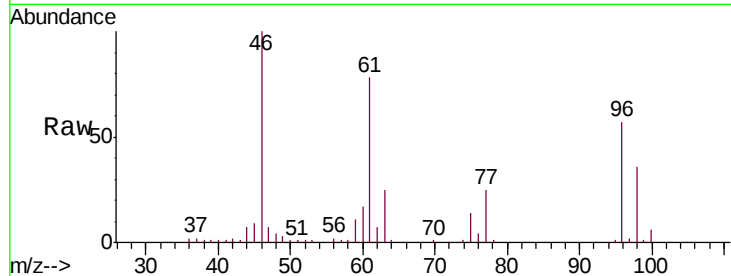
Tgt Ion: 96 Resp: 94909

Ion Ratio Lower Upper

96 100

61 136.3 93.6 173.8

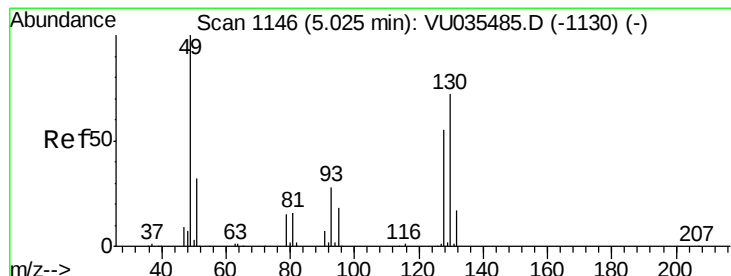
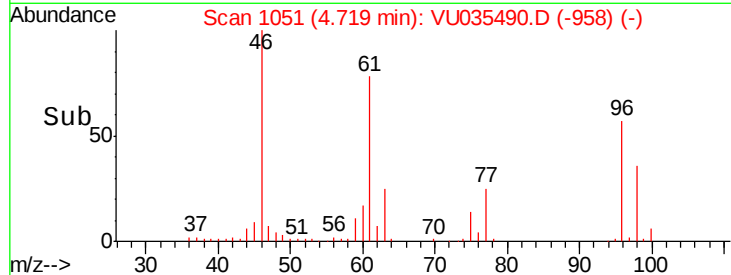
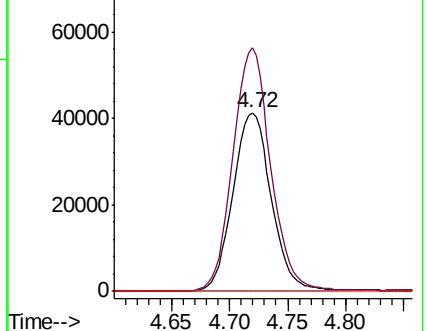
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035490.D (-958) (-)

Ion 61.05 (60.75 to 61.75): VU035490.D (-958) (-)

Ion 68.15 (67.85 to 68.85): VU035490.D (-958) (-)



#23

Bromochloromethane

Concen: 5.845 ug/L

RT: 5.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VU035490.D

Acq: 25 Oct 2019 16:42

Tgt Ion: 128 Resp: 53106

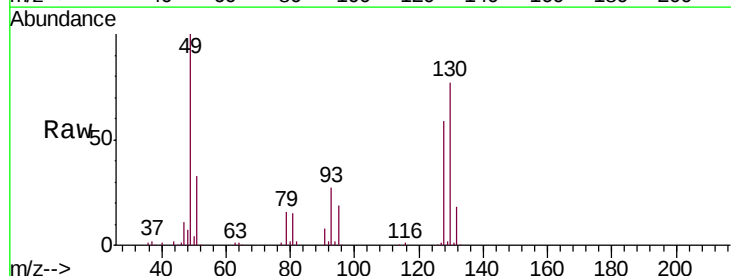
Ion Ratio Lower Upper

128 100

49 170.3 122.2 226.9

130 131.5 87.9 163.3

51 55.6 41.0 61.6

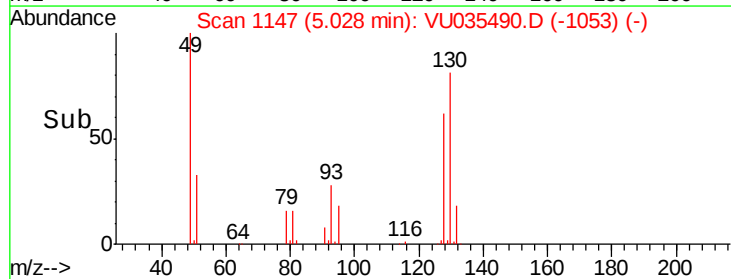
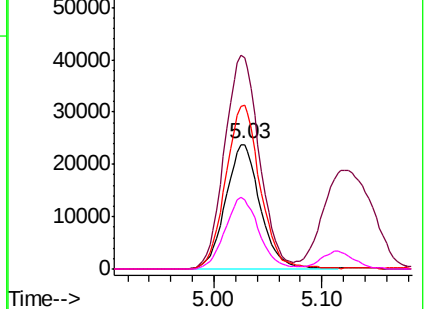


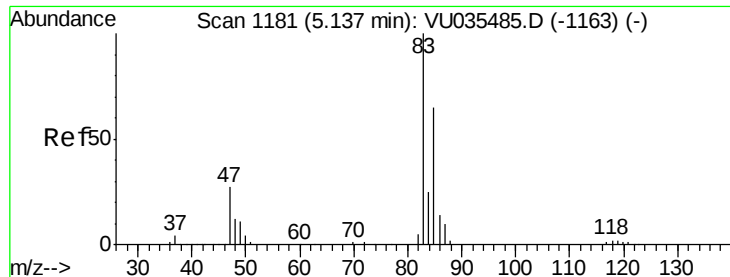
Abundance Ion 127.90 (127.60 to 128.60): VU035490.D (-1053) (-)

Ion 49.10 (48.80 to 49.80): VU035490.D (-1053) (-)

Ion 129.95 (129.65 to 130.65): VU035490.D (-1053) (-)

Ion 51.05 (50.75 to 51.75): VU035490.D (-1053) (-)

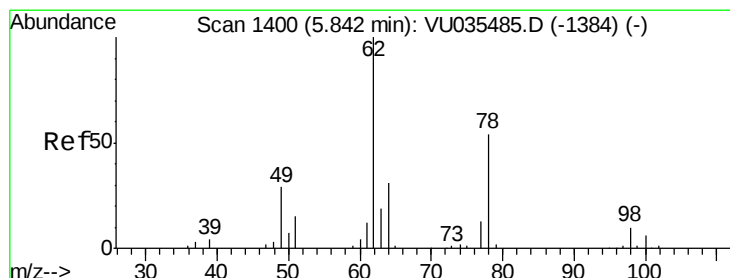
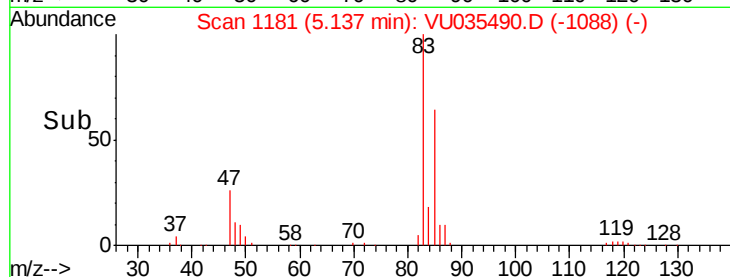
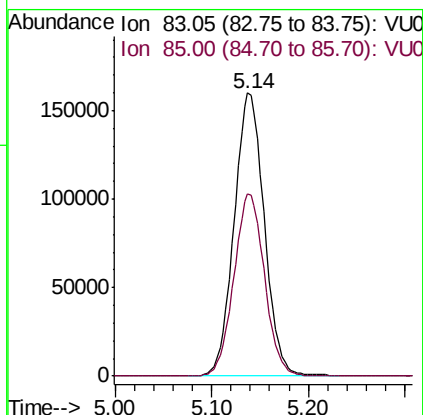
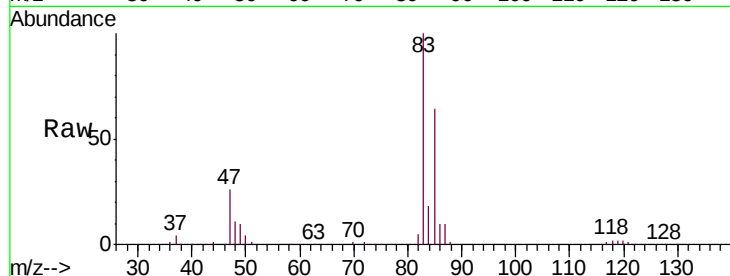




#25
Chloroform
Concen: 8.976 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035490.D
Acq: 25 Oct 2019 16:42

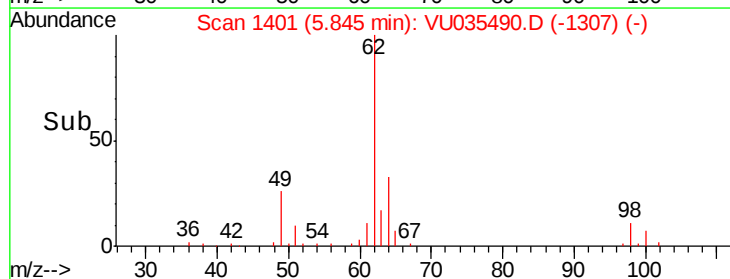
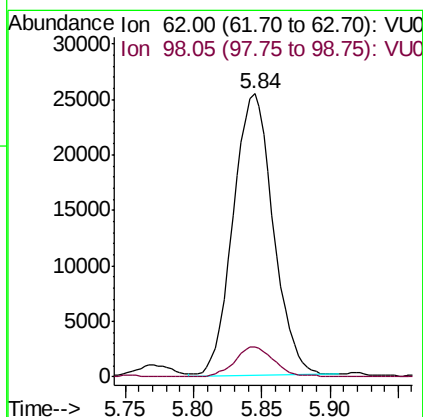
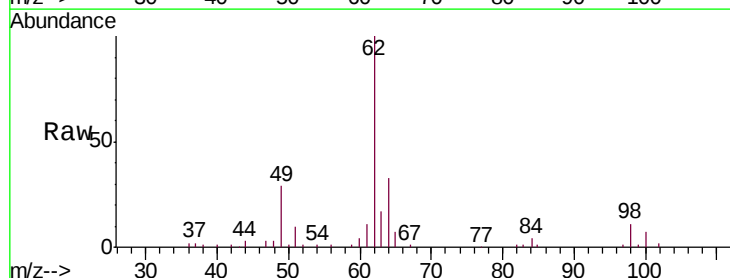
Instrument :
MSVOA_U
ClientSampleId :
GAQ97

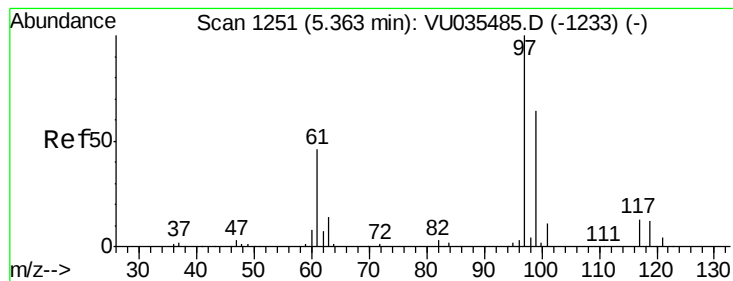
Tgt Ion: 83 Resp: 345937
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 2.275 ug/L
RT: 5.84 min Scan# 1401
Delta R.T. 0.00 min
Lab File: VU035490.D
Acq: 25 Oct 2019 16:42

Tgt Ion: 62 Resp: 51759
Ion Ratio Lower Upper
62 100
98 10.7 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 2.364 ug/L

RT: 5.36 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VU035490.D

Acq: 25 Oct 2019 16:42

Instrument :

MSVOA_U

ClientSampleId :

GAQ97

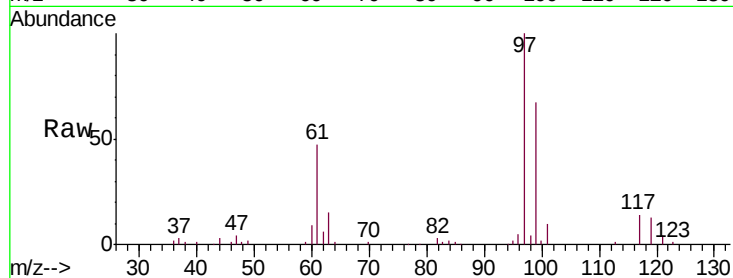
Tgt Ion: 97 Resp: 71500

Ion Ratio Lower Upper

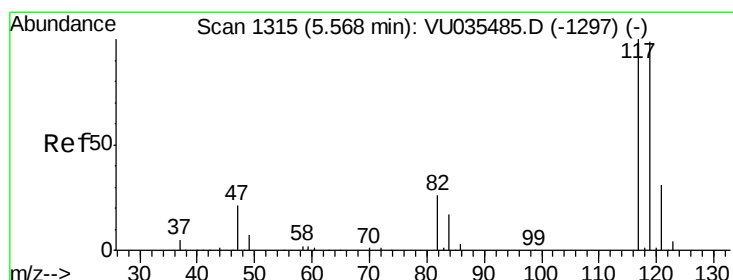
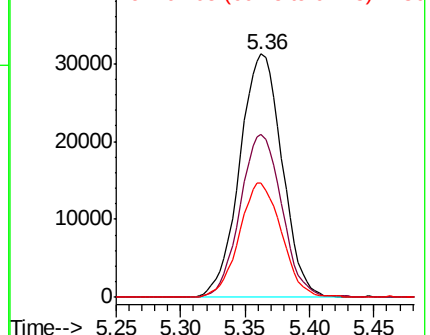
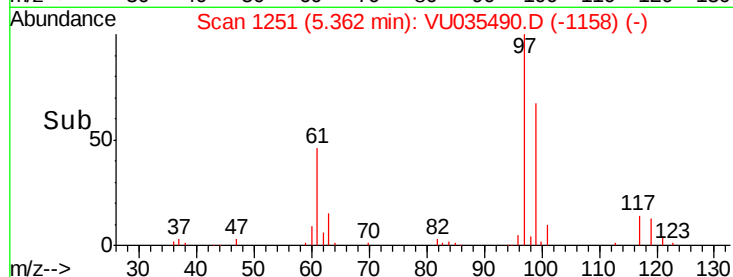
97 100

99 66.1 51.1 76.7

61 46.9 37.9 56.9



Abundance Ion 96.95 (96.65 to 97.65): VU035490.D (-1158) (-)



#31

Carbon tetrachloride

Concen: 3.496 ug/L

RT: 5.57 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VU035490.D

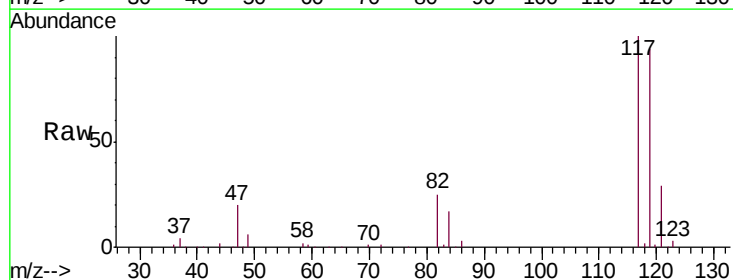
Acq: 25 Oct 2019 16:42

Tgt Ion: 117 Resp: 94366

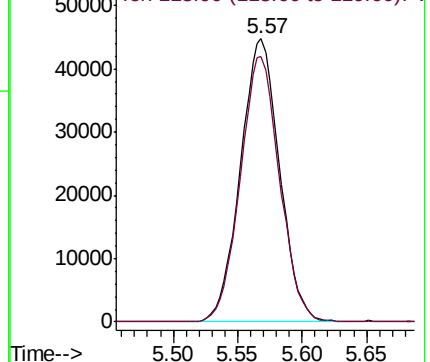
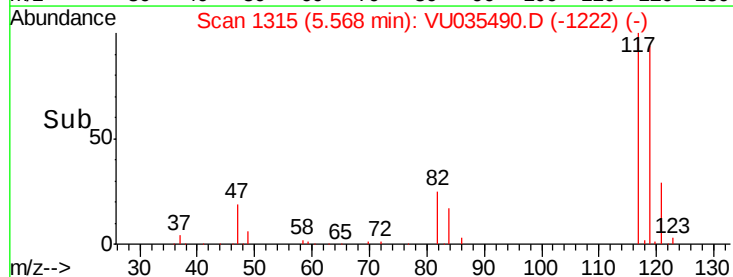
Ion Ratio Lower Upper

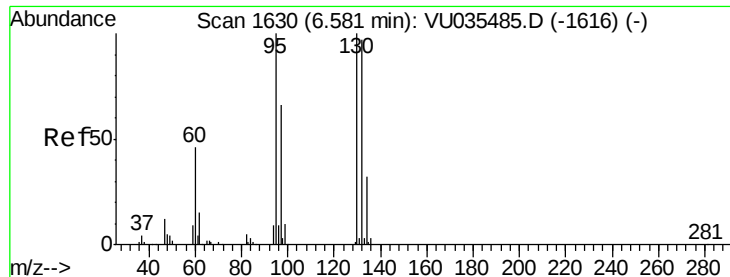
117 100

119 94.2 76.3 114.5



Abundance Ion 116.90 (116.60 to 117.60): VU035490.D (-1222) (-)





#34

Trichloroethene

Concen: 2.497 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035490.D

Acq: 25 Oct 2019 16:42

Instrument :

MSVOA_U

ClientSampleId :

GAQ97

Tgt Ion: 95 Resp: 49176

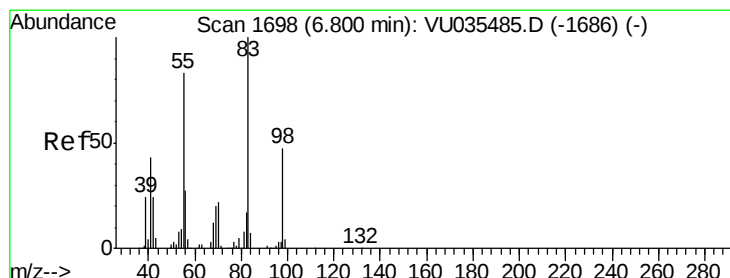
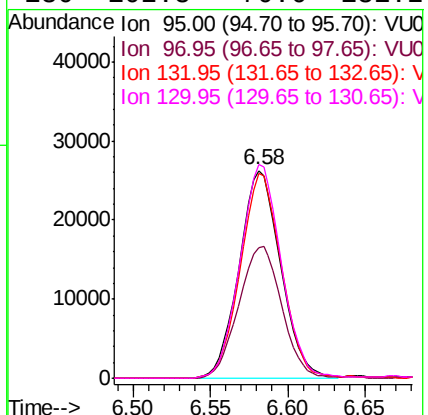
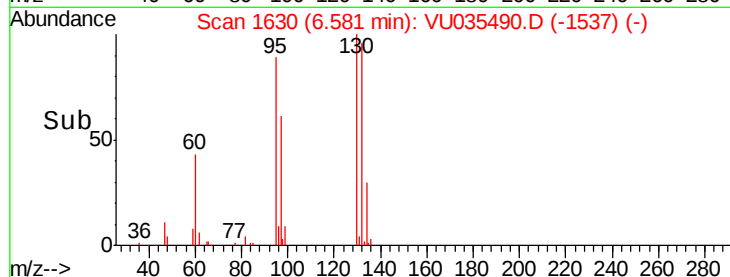
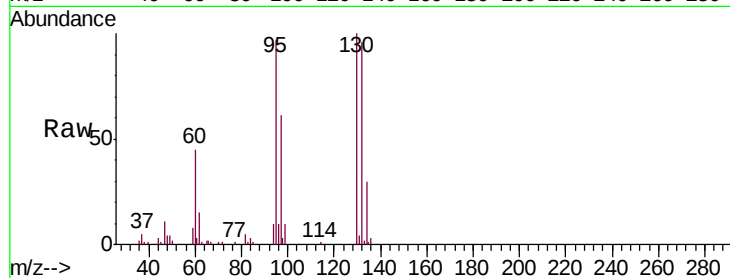
Ion Ratio Lower Upper

95 100

97 63.0 43.8 81.4

132 98.4 67.3 124.9

130 102.8 70.6 131.2



#35

Methylcyclohexane

Concen: 0.900 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035490.D

Acq: 25 Oct 2019 16:42

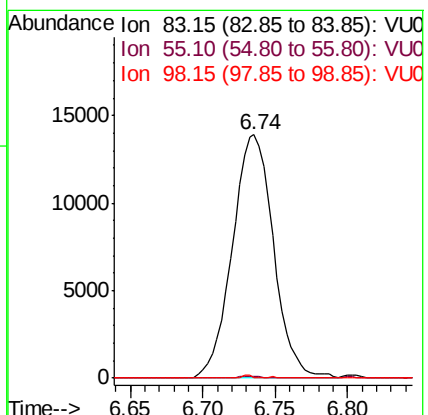
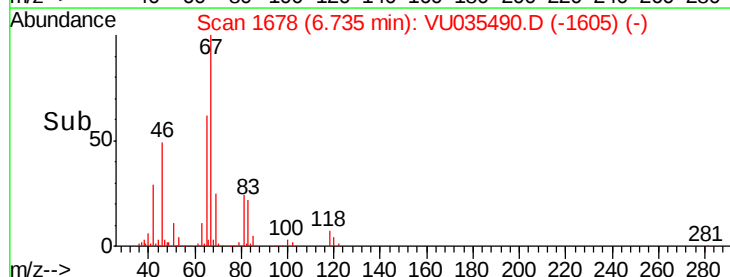
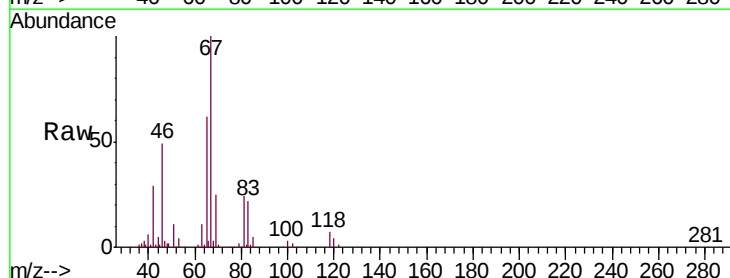
Tgt Ion: 83 Resp: 27422

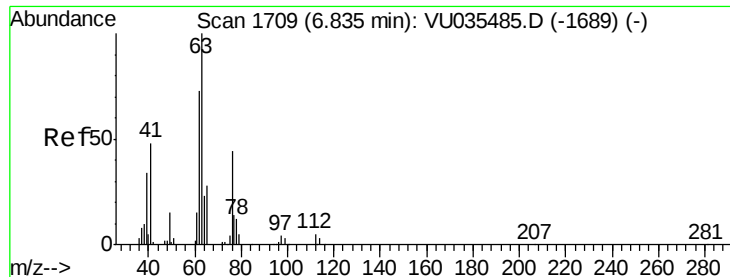
Ion Ratio Lower Upper

83 100

55 0.4 67.3 100.9#

98 0.2 39.0 58.6#

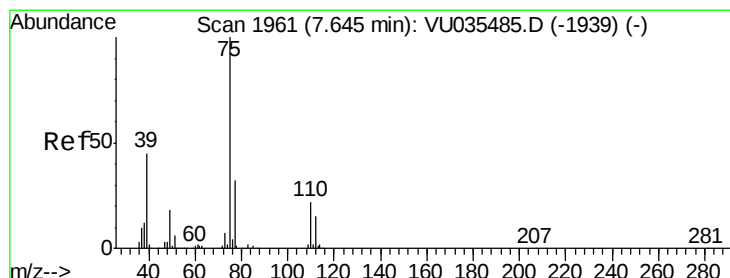
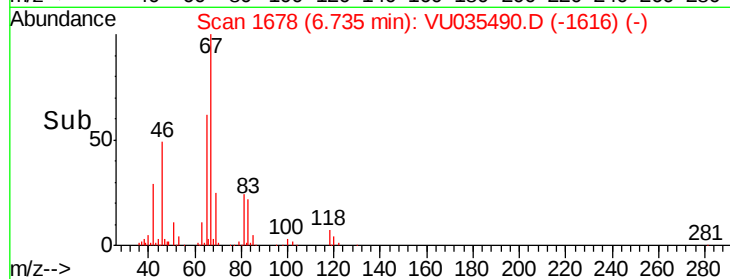
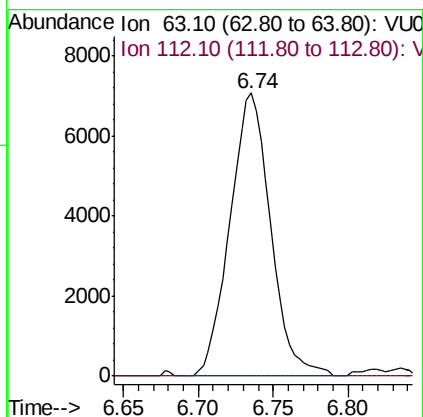
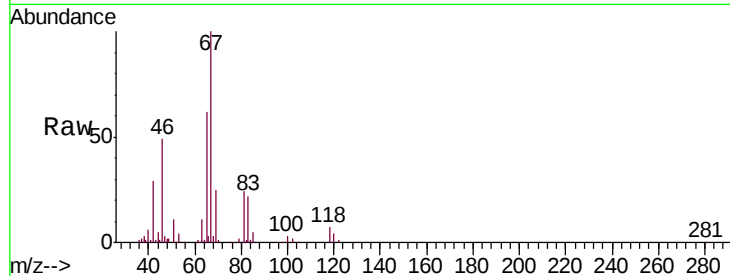




#37
 1,2-Dichloropropane
 Concen: 0.633 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

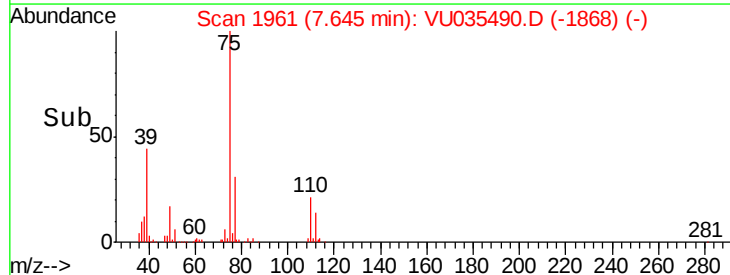
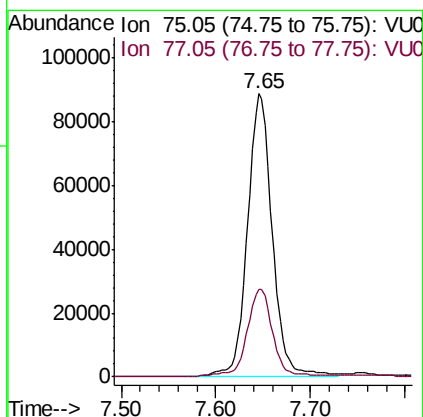
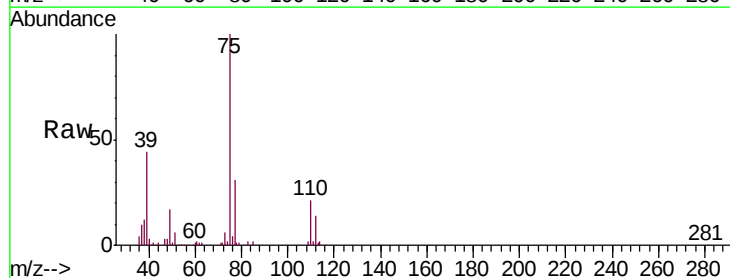
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ97

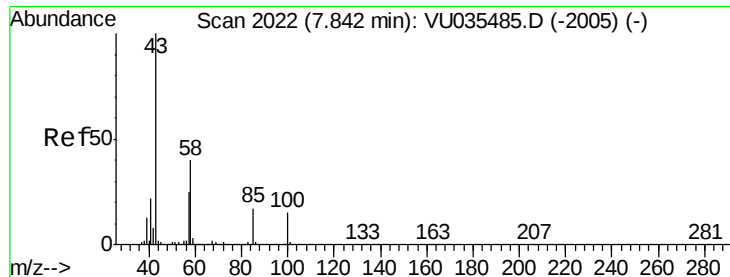
Tgt Ion: 63 Resp: 13401
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 5.503 ug/L
 RT: 7.65 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

Tgt Ion: 75 Resp: 162245
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.0 40.8

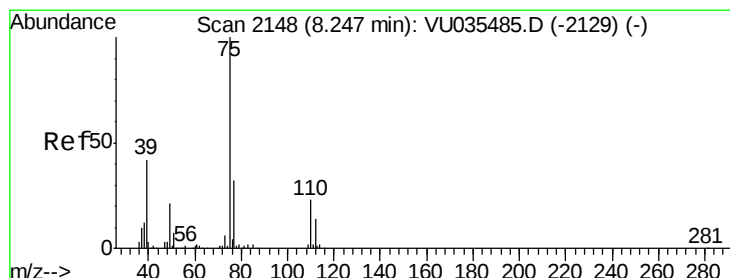
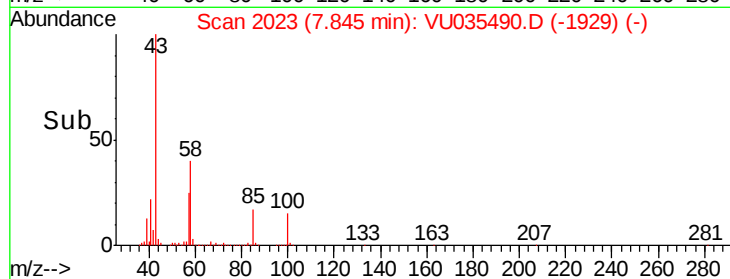
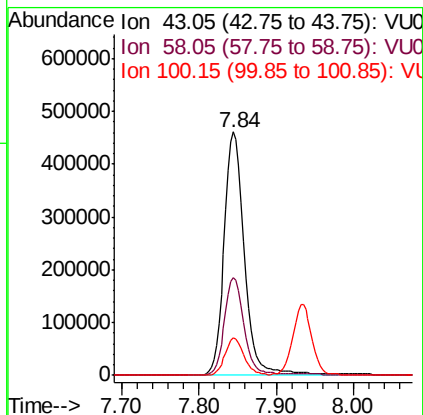
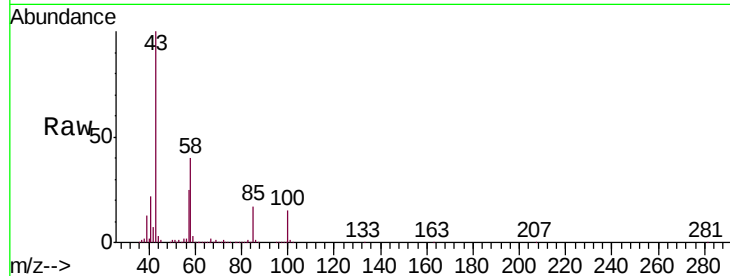




#40
 4-Methyl-2-pentanone
 Concen: 67.351 ug/L
 RT: 7.84 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

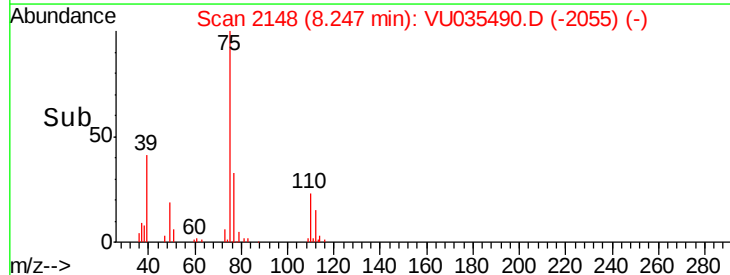
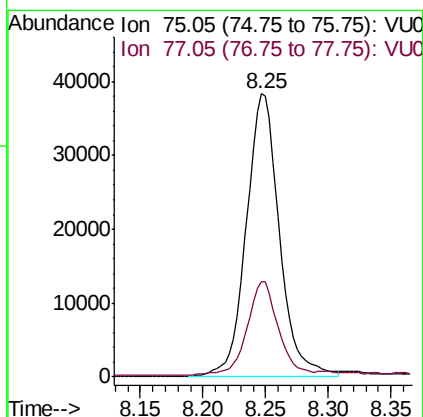
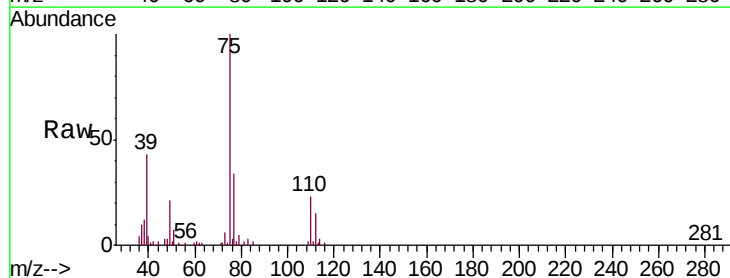
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ97

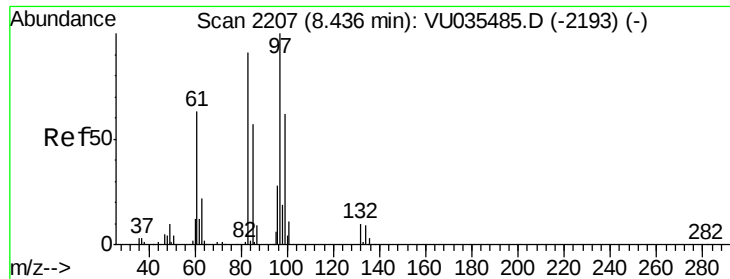
Tgt Ion: 43 Resp: 844771
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.6 47.4
 100 14.4 11.8 17.8



#44
 trans-1,3-Dichloropropene
 Concen: 3.052 ug/L
 RT: 8.25 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

Tgt Ion: 75 Resp: 71180
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.0 40.8

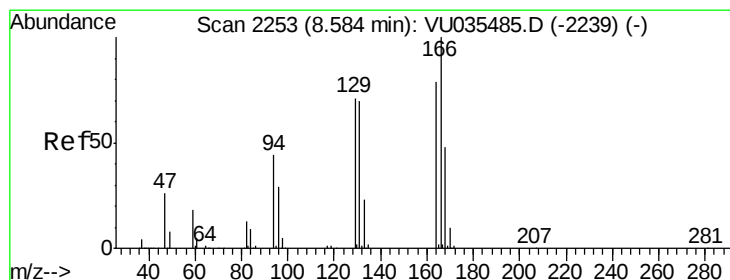
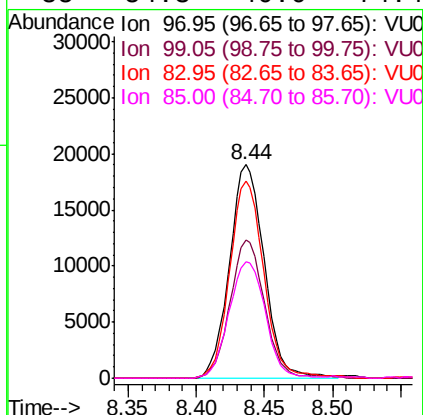
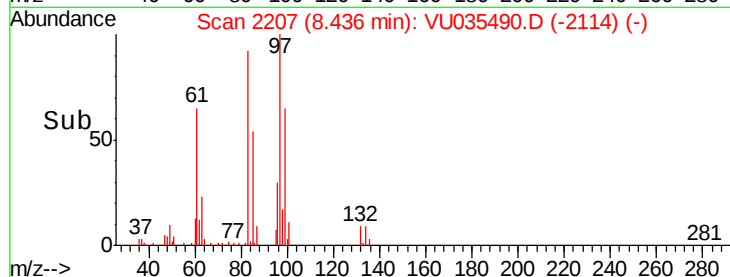
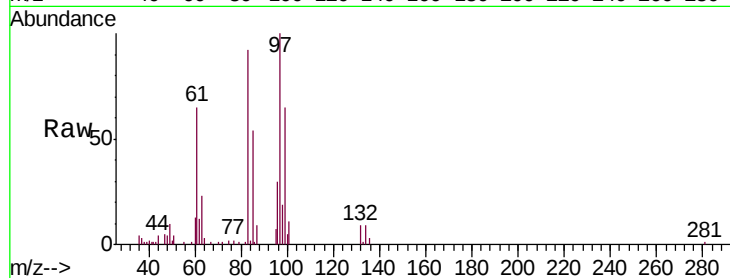




#45
 1,1,2-Trichloroethane
 Concen: 2.290 ug/L
 RT: 8.44 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

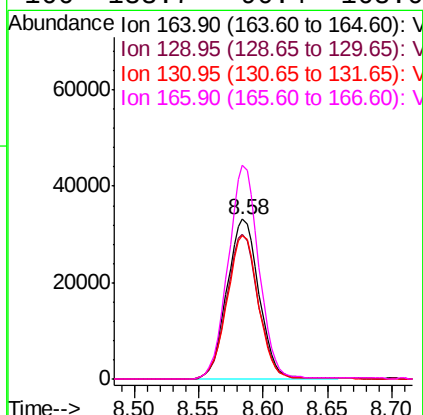
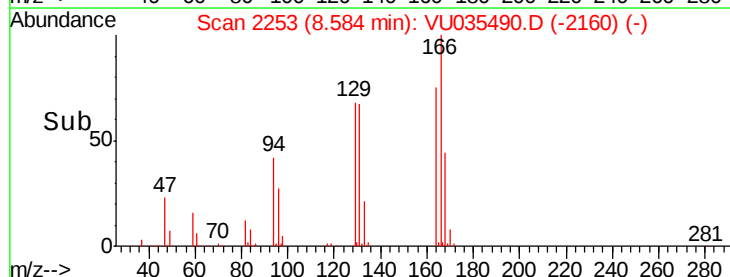
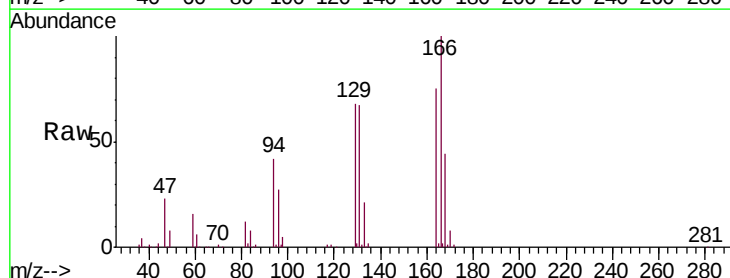
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ97

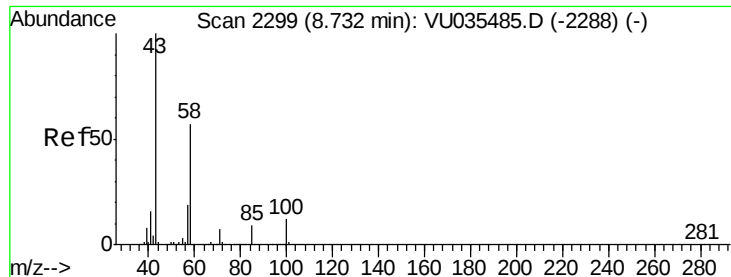
Tgt Ion:	97	Resp:	33683
Ion	Ratio	Lower	Upper
97	100		
99	64.6	43.6	81.0
83	92.1	62.3	115.7
85	54.3	40.0	74.4



#47
 Tetrachloroethene
 Concen: 3.560 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

Tgt Ion:	164	Resp:	57569
Ion	Ratio	Lower	Upper
164	100		
129	90.8	64.6	120.0
131	90.0	63.1	117.3
166	133.7	90.4	168.0

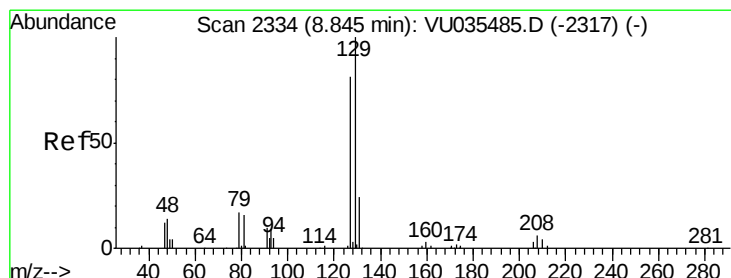
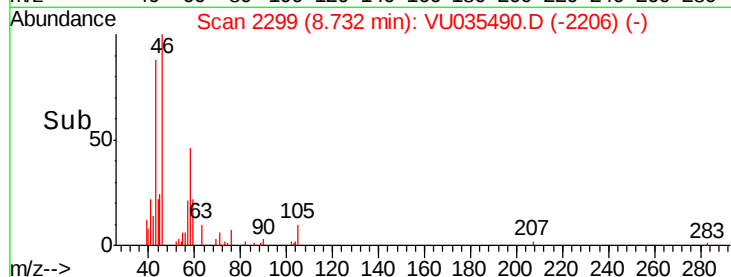
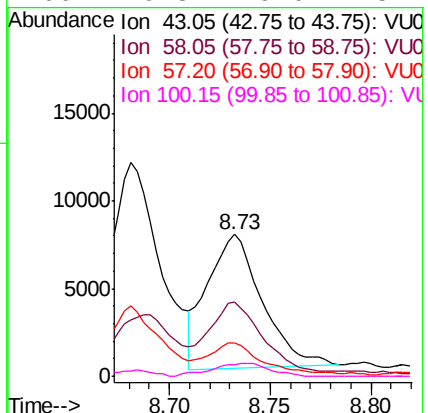
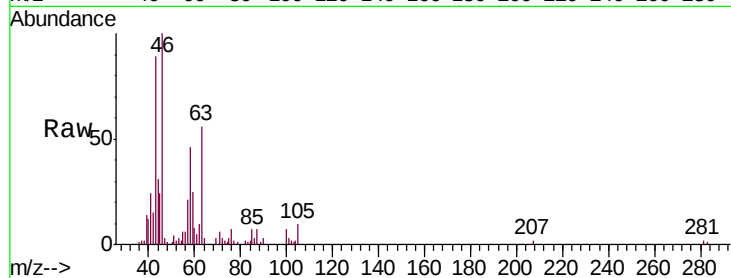




#48
2-Hexanone
Concen: 1.708 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VU035490.D
Acq: 25 Oct 2019 16:42

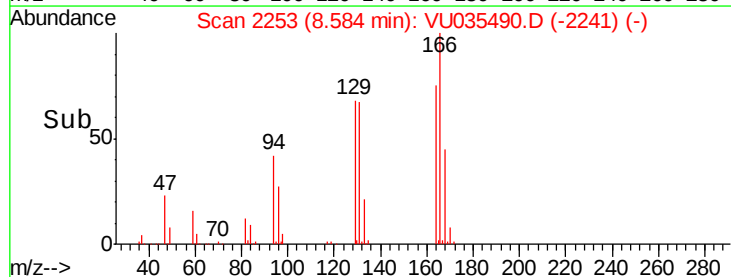
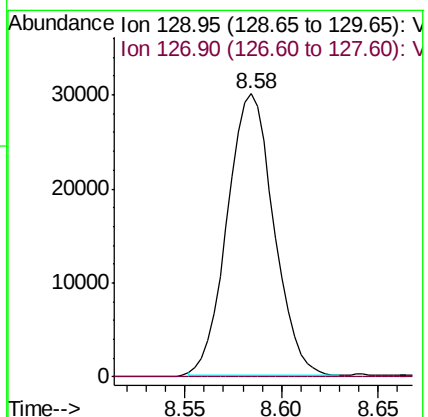
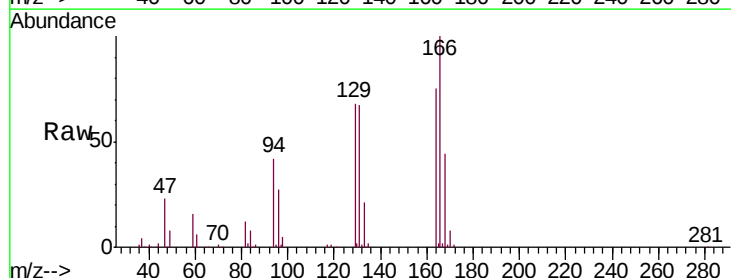
Instrument :
MSVOA_U
ClientSampleId :
GAQ97

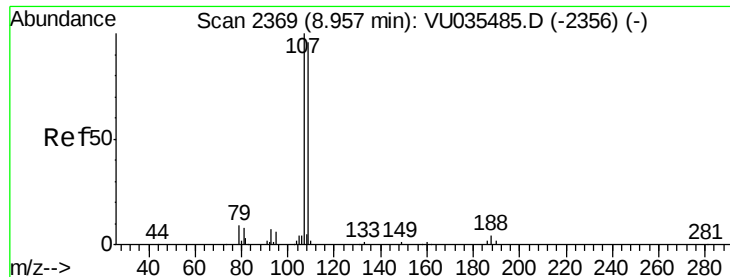
Tgt Ion: 43 Resp: 14404
Ion Ratio Lower Upper
43 100
58 51.9 43.1 64.7
57 27.5 14.2 21.2#
100 10.3 9.0 13.4



#49
Dibromochloromethane
Concen: 2.892 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035490.D
Acq: 25 Oct 2019 16:42

Tgt Ion: 129 Resp: 49777
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#

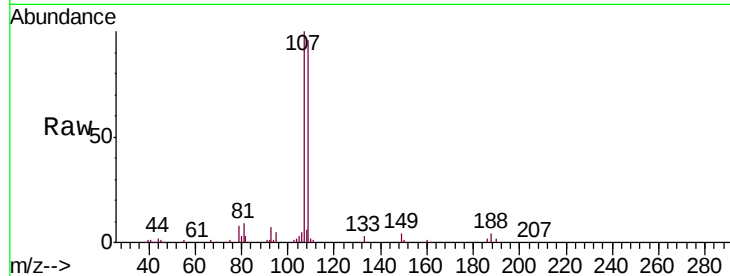




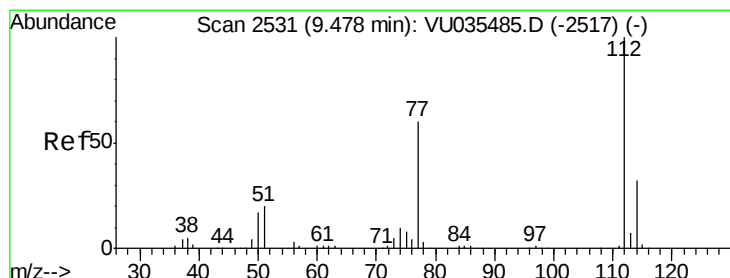
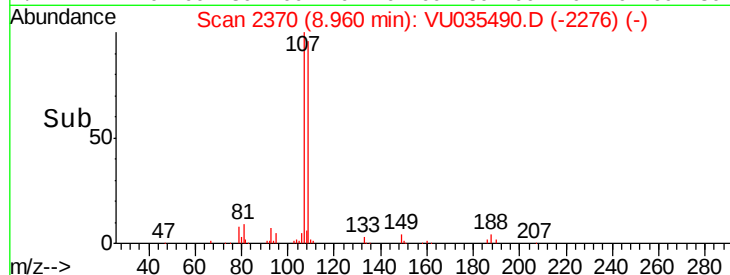
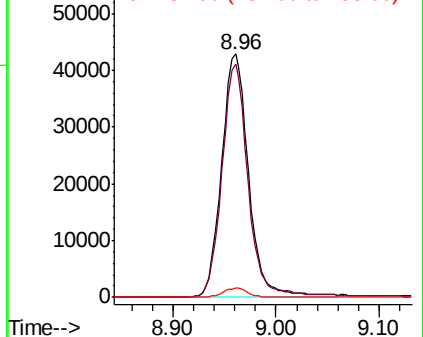
#50
1,2-Dibromoethane
Concen: 5.748 ug/L
RT: 8.96 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VU035490.D
Acq: 25 Oct 2019 16:42

Instrument :
MSVOA_U
ClientSampleId :
GAQ97

Tgt Ion:107 Resp: 78598
Ion Ratio Lower Upper
107 100
109 96.1 66.9 124.3
188 3.8 2.6 4.0

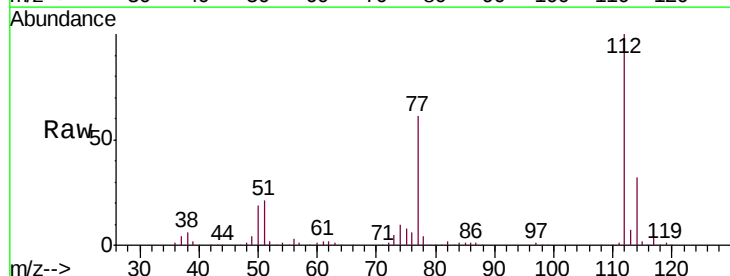


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

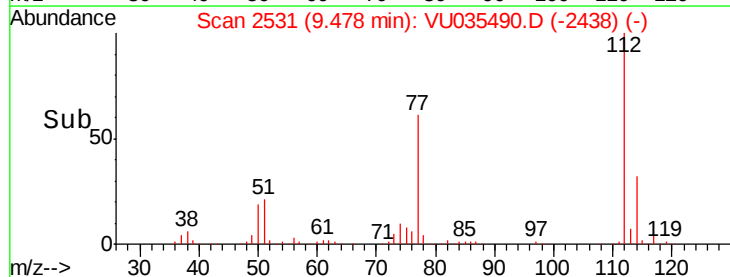
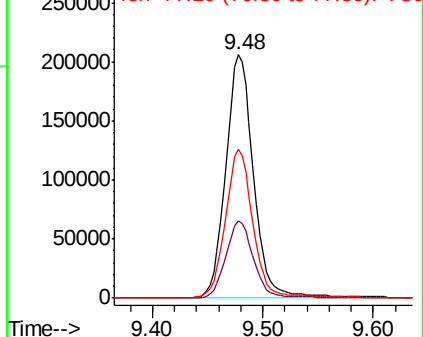


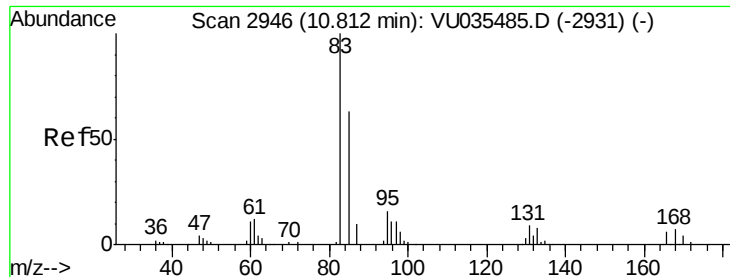
#51
Chlorobenzene
Concen: 6.956 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035490.D
Acq: 25 Oct 2019 16:42

Tgt Ion:112 Resp: 358725
Ion Ratio Lower Upper
112 100
114 31.7 22.7 42.3
77 61.0 49.1 73.7



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

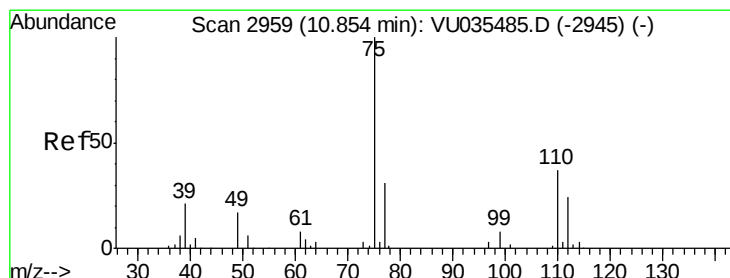
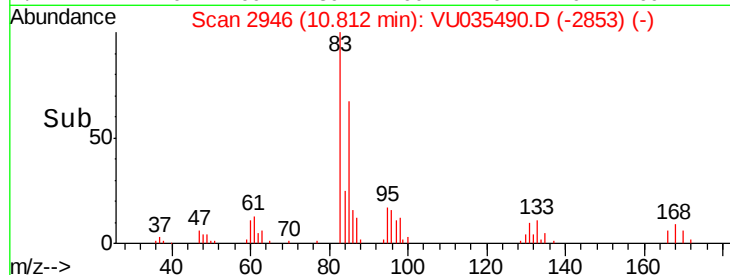
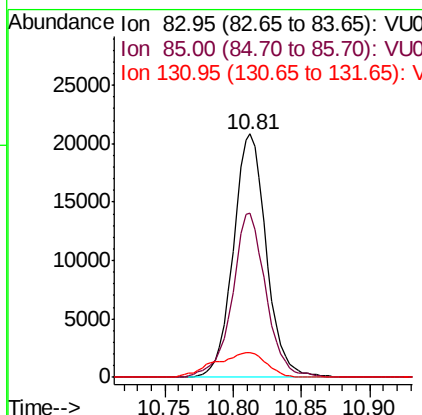
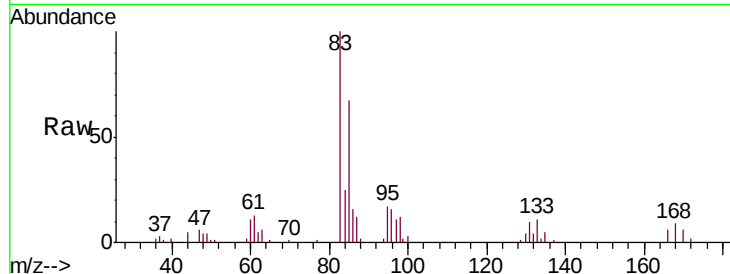




#58
 1,1,2,2-Tetrachloroethane
 Concen: 1.819 ug/L
 RT: 10.81 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

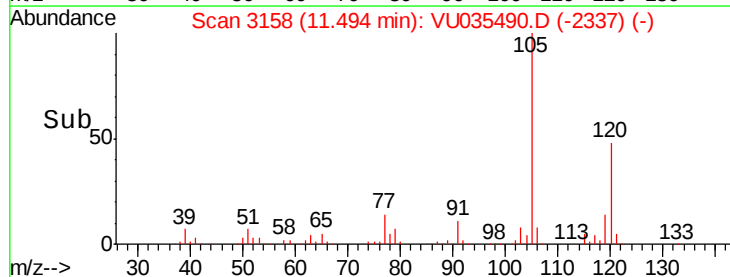
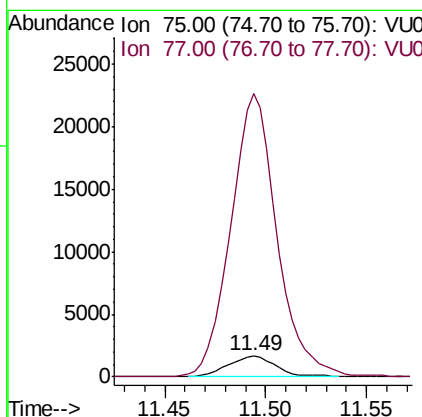
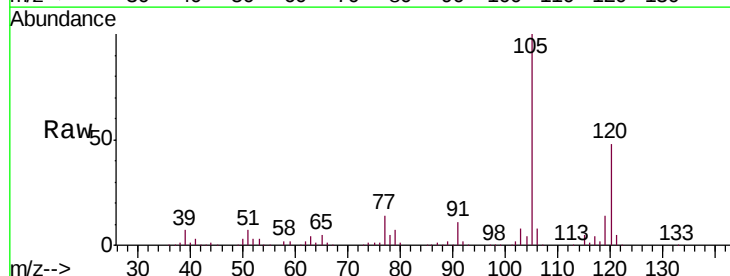
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ97

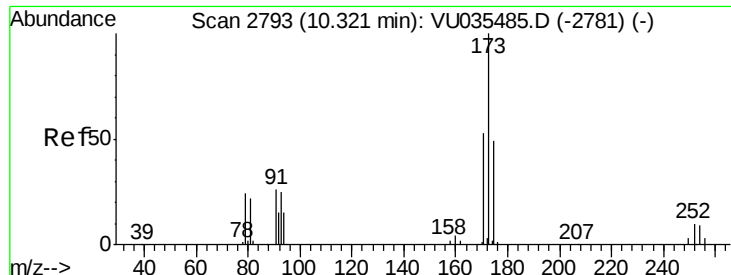
Tgt Ion: 83 Resp: 34989
 Ion Ratio Lower Upper
 83 100
 85 67.3 44.7 83.1
 131 10.3 7.4 11.2



#59
 1,2,3-Trichloropropane
 Concen: 0.206 ug/L
 RT: 11.49 min Scan# 3158
 Delta R.T. 0.64 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

Tgt Ion: 75 Resp: 2795
 Ion Ratio Lower Upper
 75 100
 77 1300.4 27.4 41.0#

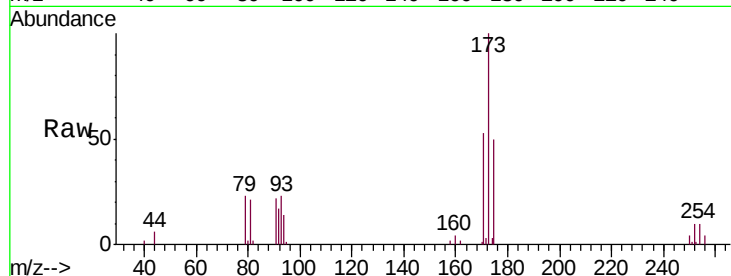




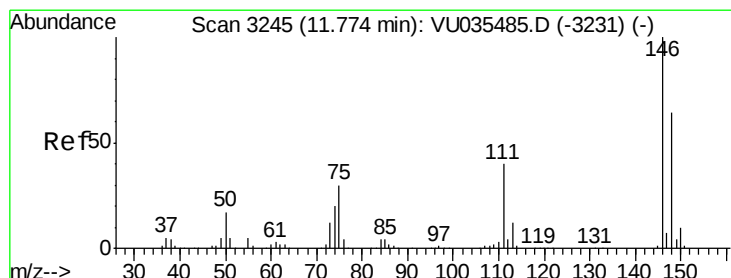
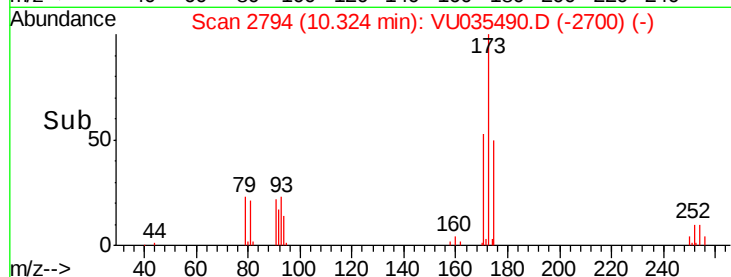
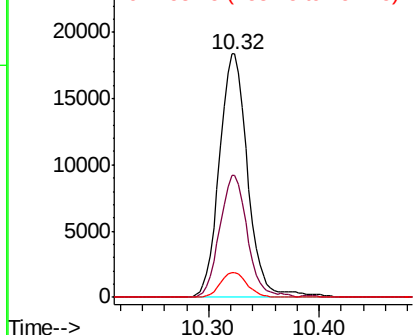
#61
Bromoform
Concen: 3.167 ug/L
RT: 10.32 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VU035490.D
Acq: 25 Oct 2019 16:42

Instrument :
MSVOA_U
ClientSampleId :
GAQ97

Tgt Ion:173 Resp: 32814
Ion Ratio Lower Upper
173 100
175 48.8 39.1 58.7
254 9.6 6.8 10.2

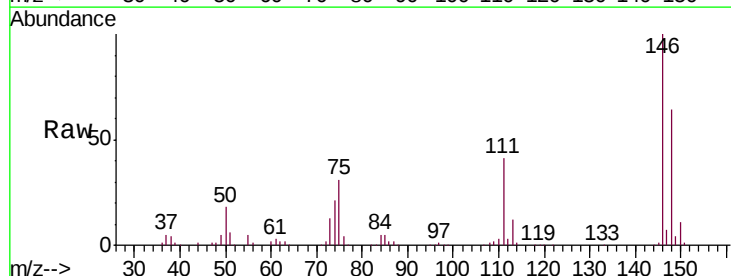


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

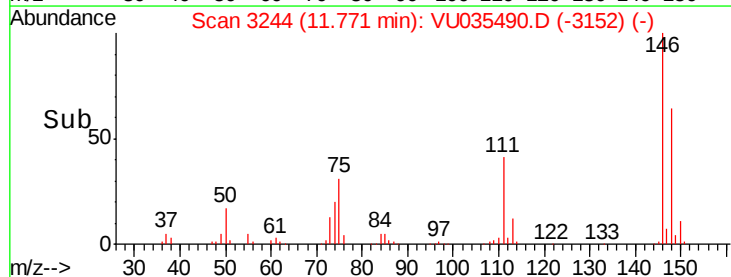
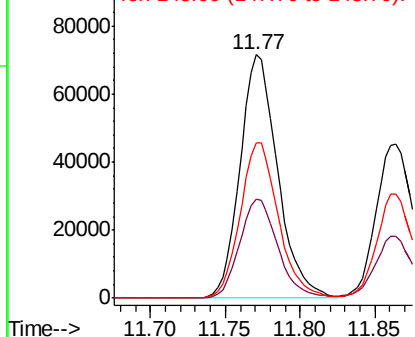


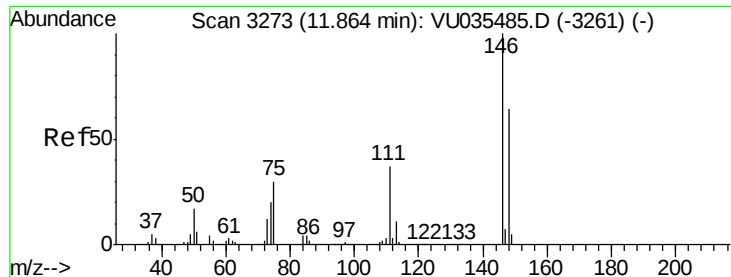
#62
1,3-Dichlorobenzene
Concen: 3.435 ug/L
RT: 11.77 min Scan# 3244
Delta R.T. -0.00 min
Lab File: VU035490.D
Acq: 25 Oct 2019 16:42

Tgt Ion:146 Resp: 125102
Ion Ratio Lower Upper
146 100
111 40.6 28.1 52.3
148 63.7 44.8 83.2



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

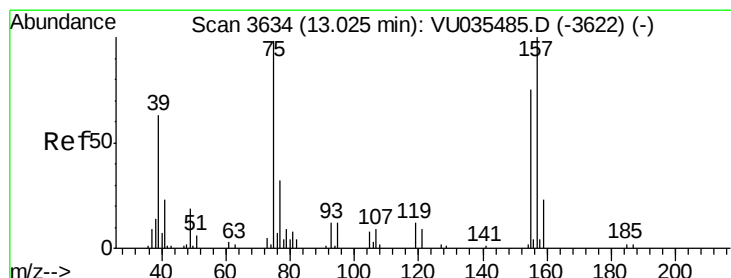
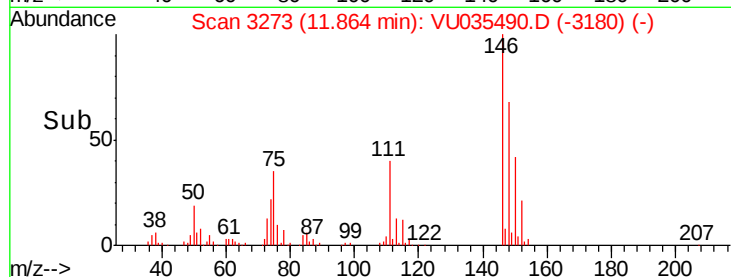
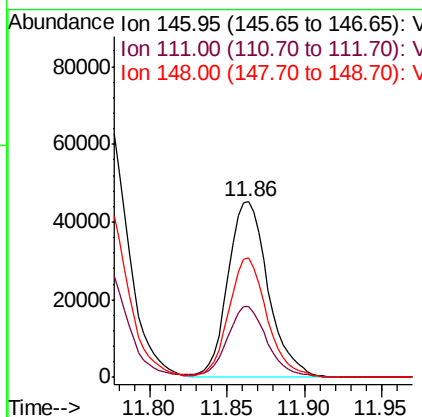
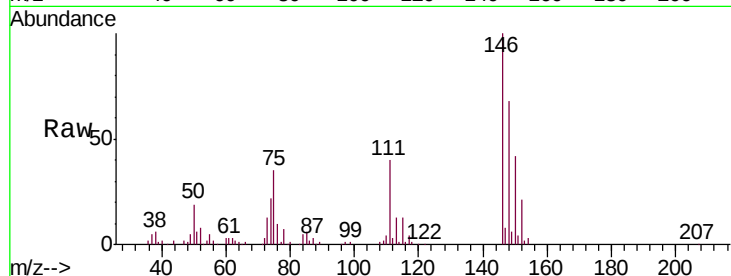




#63
 1,4-Dichlorobenzene
 Concen: 2.252 ug/L
 RT: 11.86 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

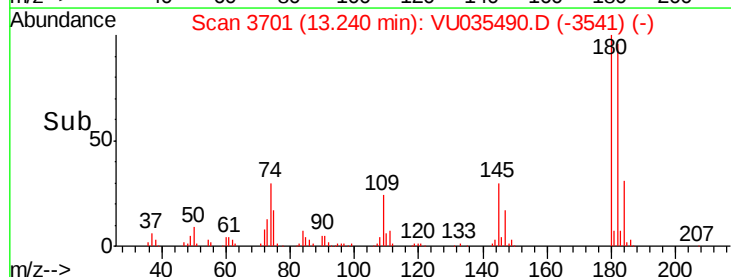
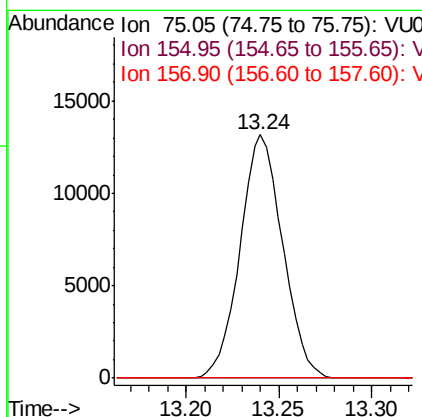
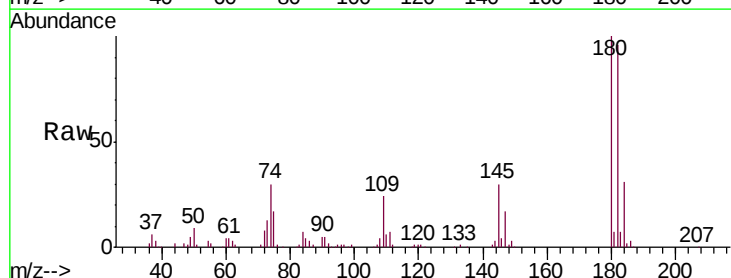
Instrument :
 MSVOA_U
 ClientSampled :
 GAQ97

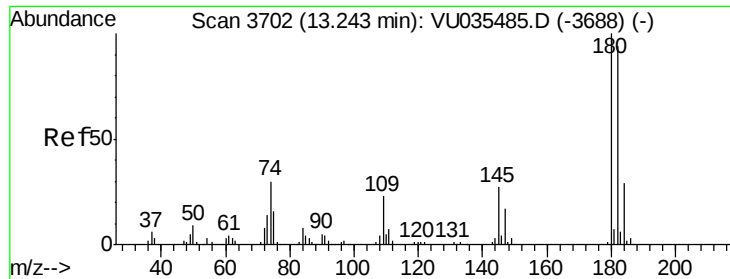
Tgt Ion:146 Resp: 81611
 Ion Ratio Lower Upper
 146 100
 111 40.2 26.9 49.9
 148 68.1 44.2 82.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 8.964 ug/L
 RT: 13.24 min Scan# 3701
 Delta R.T. 0.22 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

Tgt Ion: 75 Resp: 21057
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.1 100.7#
 157 0.0 83.4 125.2#

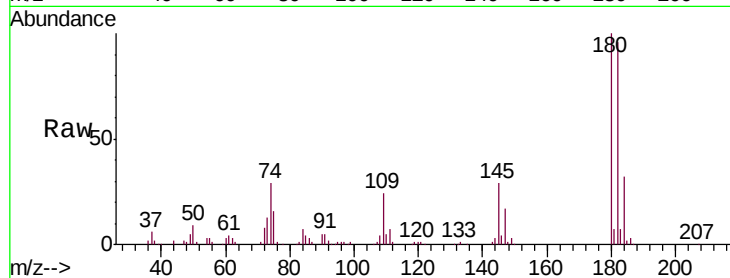




#67
 1,3,5-Trichlorobenzene
 Concen: 5.826 ug/L
 RT: 13.24 min Scan# 3702
 Delta R.T. -0.00 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ97

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.3	112.9
184	30.4	25.1	37.7
145	29.0	21.8	32.8



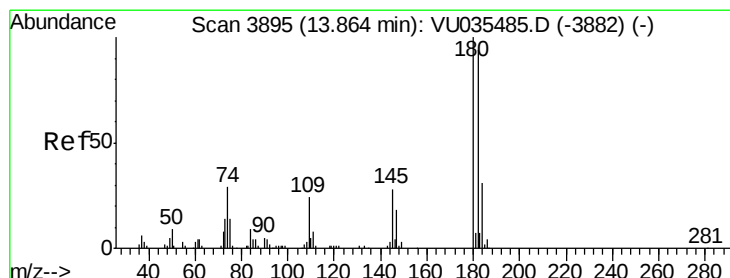
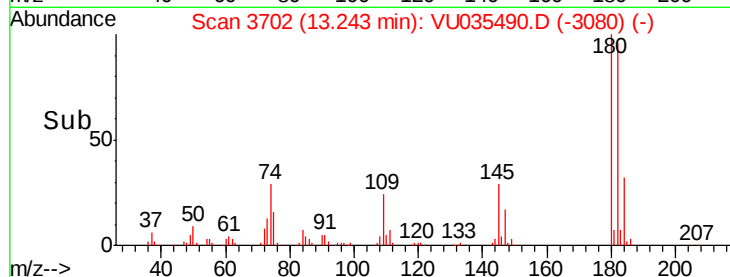
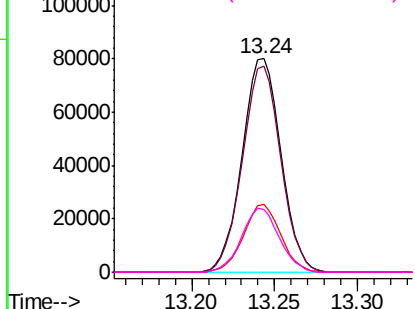
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

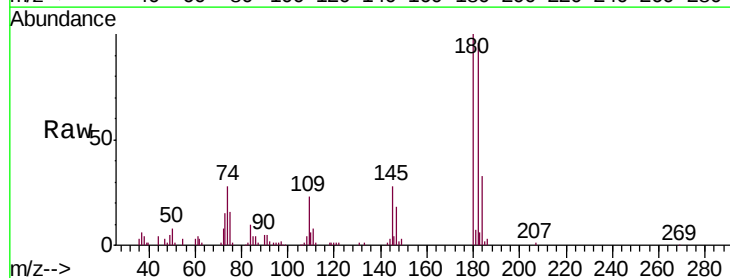
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 4.985 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	78.7	118.1
145	29.1	23.4	35.2

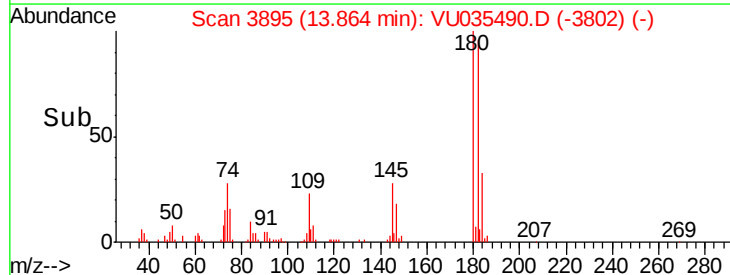
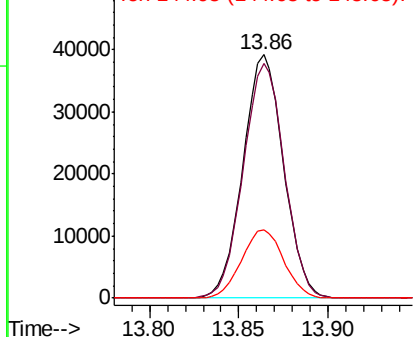


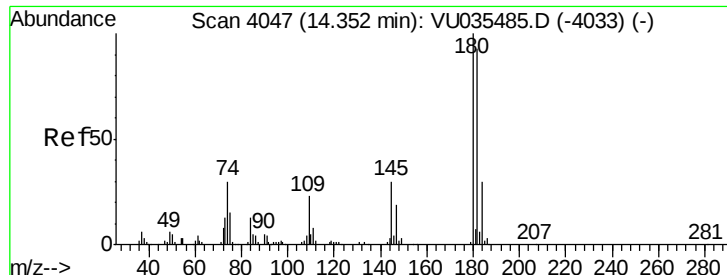
Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#70
 1,2,3-Trichlorobenzene
 Concen: 3.004 ug/L
 RT: 14.35 min Scan# 4047
 Delta R.T. -0.00 min
 Lab File: VU035490.D
 Acq: 25 Oct 2019 16:42

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ97

Tgt Ion:	180	Resp:	37449
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.6	114.8
145	30.2	23.8	35.8

