

Data File : VU033168.D
Acq On : 03 Jul 2019 13:08
Operator : JC/SP
Sample : K3598-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM84

Quant Time: Jul 04 01:22:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 04 01:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	85804	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	87995	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46826	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	23611	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.68	69	20771	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.27	63	59097	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	4.19	46	93258	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	4.64	84	58120	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.30	65	32554	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.33	84	99582	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.32	67	34938	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.56	98	87868	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.85	79	13640	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.31	63	57740	46.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.72%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	30276	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	40305	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	17877	2.033	ug/L 100
3) Chloromethane	1.33	50	49156	5.803	ug/L 100
5) Vinyl chloride	1.40	62	37983	4.562	ug/L 98
6) Bromomethane	1.62	94	21097	4.420	ug/L 99
8) Chloroethane	1.69	64	22570	4.463	ug/L 99
9) Trichlorofluoromethane	1.88	101	112728	9.476	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	28514	4.611	ug/L 99
12) 1,1-Dichloroethene	2.28	96	33560	5.994	ug/L 88
15) Methyl Acetate	2.62	43	491	0.142	ug/L # 55
16) Methylene chloride	2.69	84	23189	3.523	ug/L 96
17) Methyl tert-butyl Ether	3.00	73	90713	5.591	ug/L 100
18) trans-1,2-Dichloroethene	2.97	96	39890	6.457	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	43587	6.382	ug/L 94
23) Bromochloromethane	4.54	128	6945	2.184	ug/L 97
25) Chloroform	4.67	83	63515	4.631	ug/L 97
27) 1,2-Dichloroethane	5.40	62	45627	5.137	ug/L 97
29) 1,1,1-Trichloroethane	4.90	97	60714	5.356	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

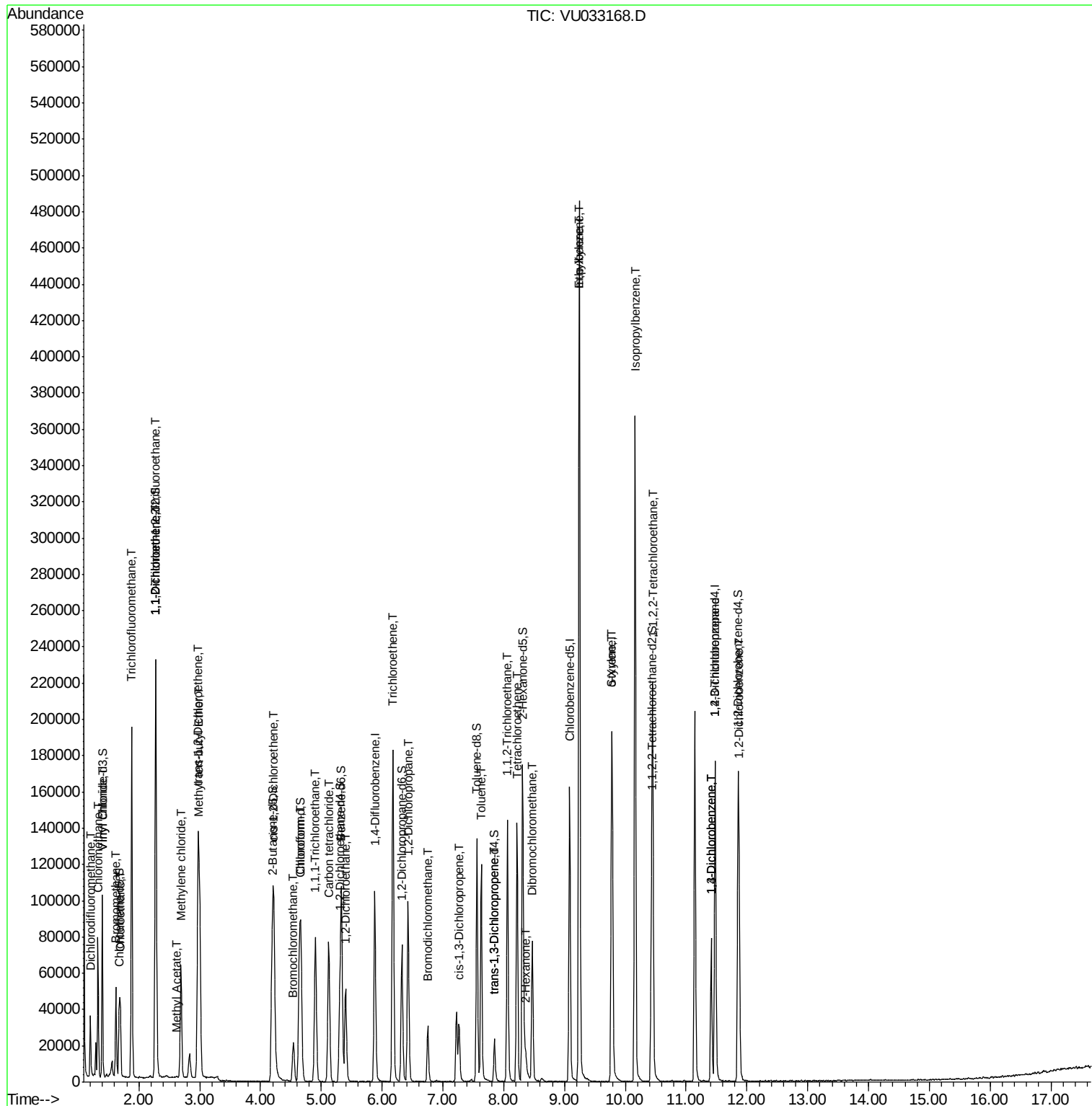
31) Carbon tetrachloride	5.12	117	54150	5.337	ug/L	99
34) Trichloroethene	6.18	95	59934	8.472	ug/L	97
37) 1,2-Dichloropropane	6.43	63	36545	5.122	ug/L	100
38) Bromodichloromethane	6.75	83	19444	2.089	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	16062	1.596	ug/L	96
42) Toluene	7.63	91	82632	2.960	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	816	0.097	ug/L #	57
45) 1,1,2-Trichloroethane	8.06	97	42901	8.577	ug/L	98
47) Tetrachloroethene	8.22	164	30493	5.189	ug/L	96
48) 2-Hexanone	8.36	43	7385	2.056	ug/L #	87
49) Dibromochloromethane	8.47	129	38991	6.231	ug/L	99
52) Ethylbenzene	9.24	91	321916	10.526	ug/L	98
53) m,p-Xylene	9.24	106	100486	8.997	ug/L #	28
54) o-Xylene	9.77	106	33462	3.071	ug/L	92
55) Styrene	9.79	104	57220	3.112	ug/L	96
56) Isopropylbenzene	10.16	105	222696	7.596	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	31291	4.927	ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	6546	1.349	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	32129	2.186	ug/L	99
63) 1,4-Dichlorobenzene	11.41	146	32129	2.104	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	31081	2.161	ug/L	98

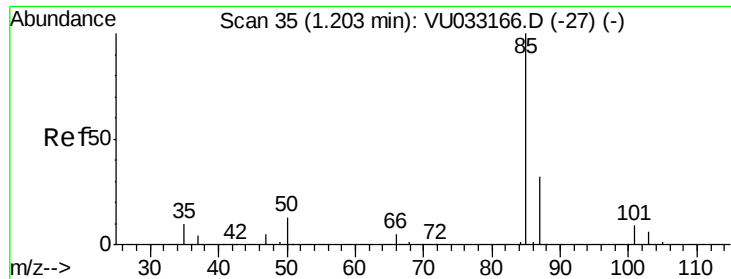
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.033 ug/L

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU033168.D

Acq: 03 Jul 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

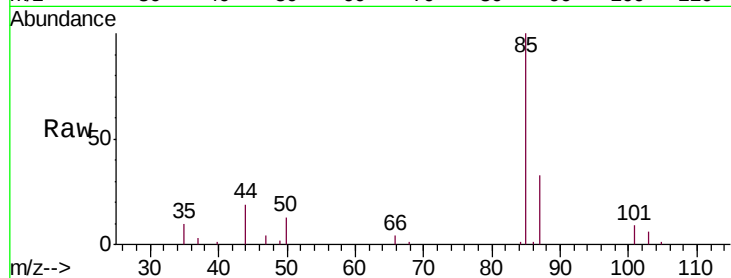
GAM84

Tgt Ion: 85 Resp: 17877

Ion Ratio Lower Upper

85 100

87 32.4 25.8 38.8

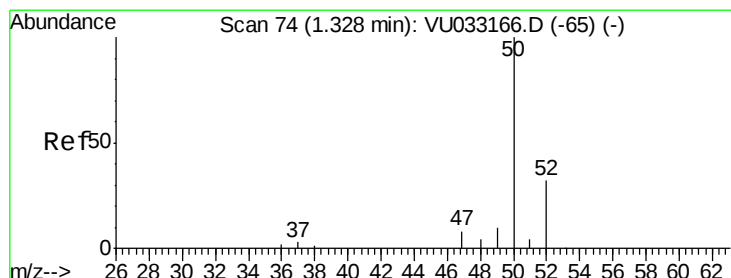
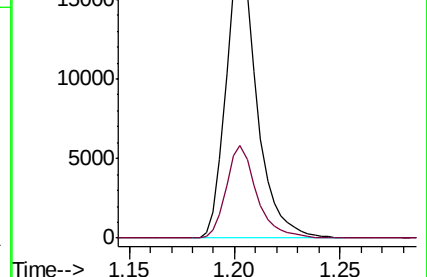
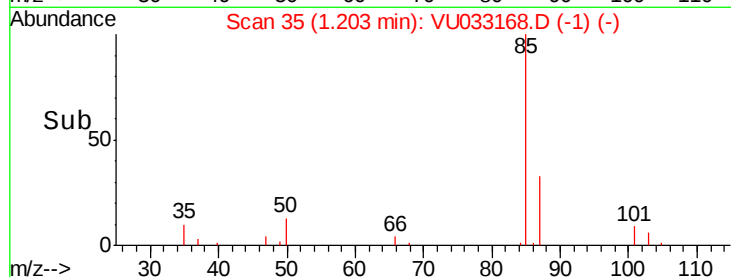


Abundance Ion 85.00 (84.70 to 85.70): VU033166.D (-27) (-)

Ion 87.00 (86.70 to 87.70): VU033166.D (-27) (-)

1.20

1.25



#3

Chloromethane

Concen: 5.803 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU033168.D

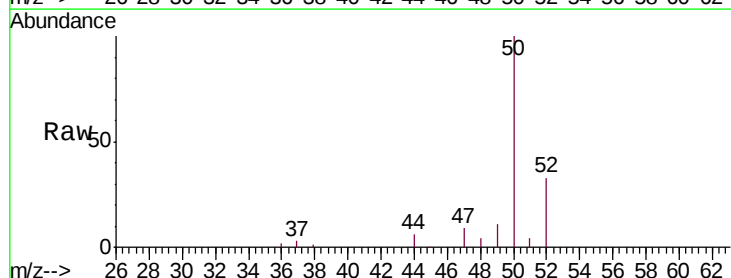
Acq: 03 Jul 2019 13:08

Tgt Ion: 50 Resp: 49156

Ion Ratio Lower Upper

50 100

52 32.9 23.0 42.6

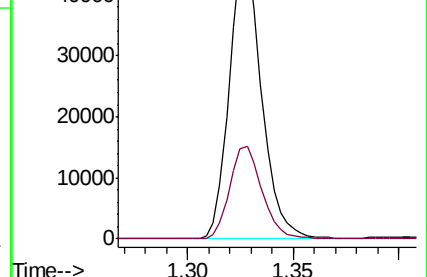
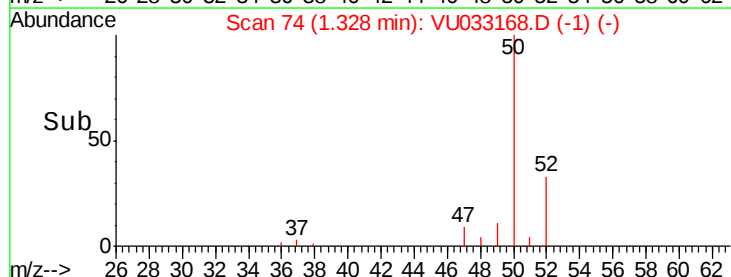


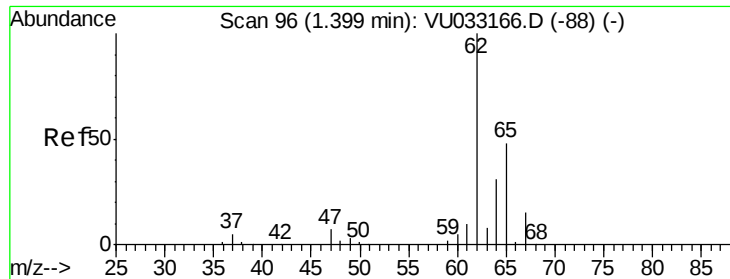
Abundance Ion 50.05 (49.75 to 50.75): VU033166.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU033166.D (-65) (-)

1.33

1.35





#5

Vinyl chloride

Concen: 4.562 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU033168.D

Acq: 03 Jul 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

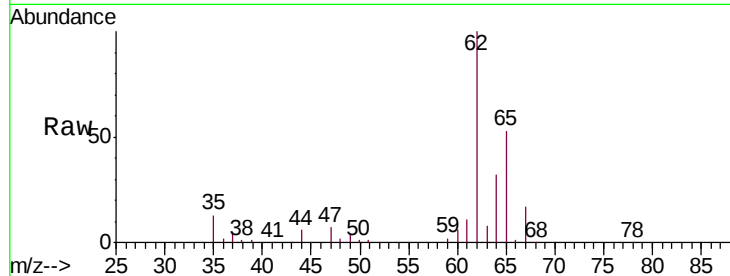
GAM84

Tgt Ion: 62 Resp: 37983

Ion Ratio Lower Upper

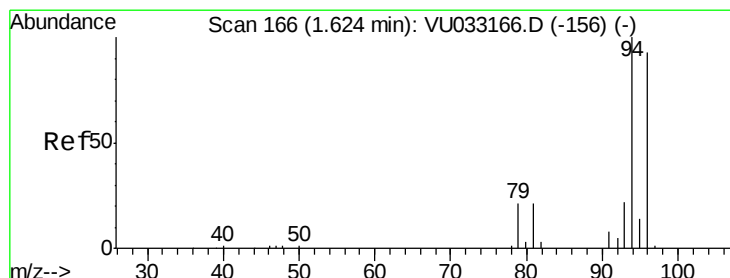
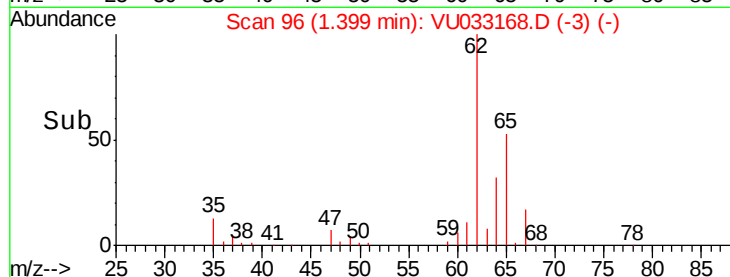
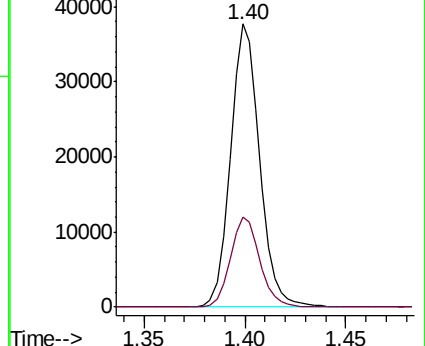
62 100

64 31.8 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 4.420 ug/L

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU033168.D

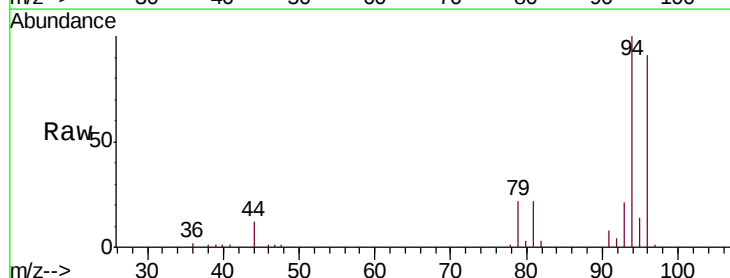
Acq: 03 Jul 2019 13:08

Tgt Ion: 94 Resp: 21097

Ion Ratio Lower Upper

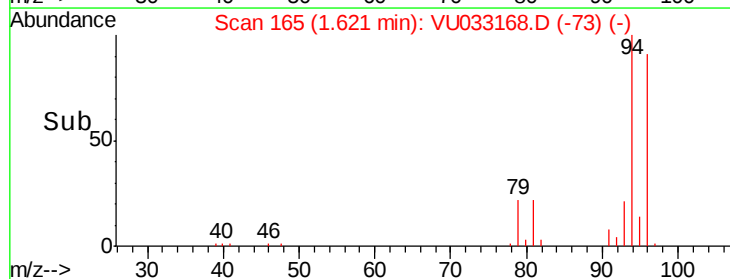
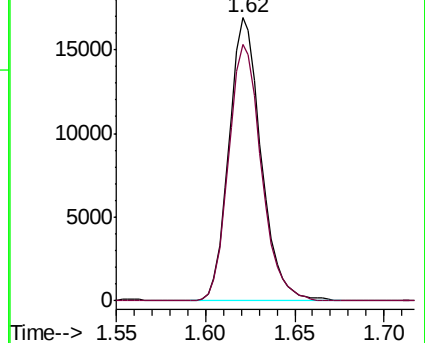
94 100

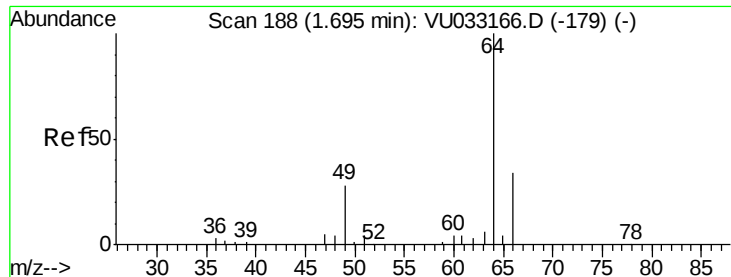
96 90.5 63.7 118.3



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

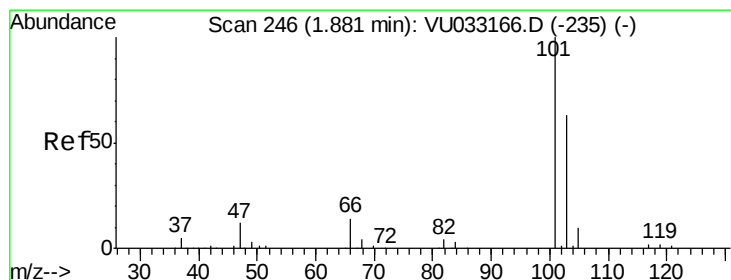
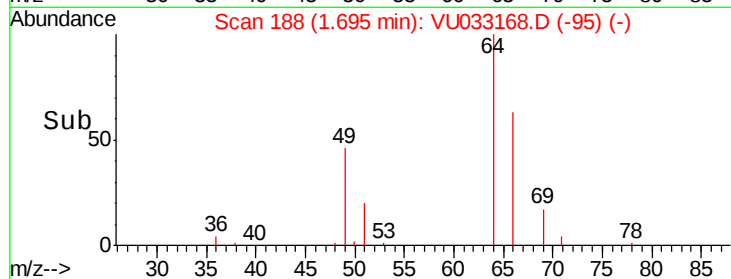
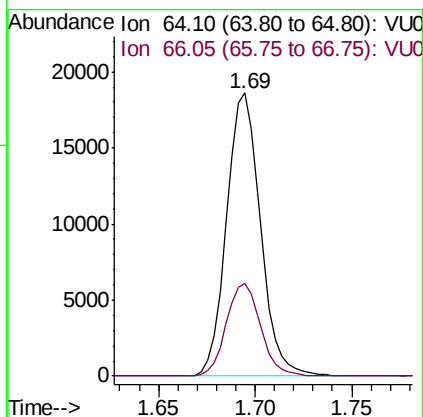
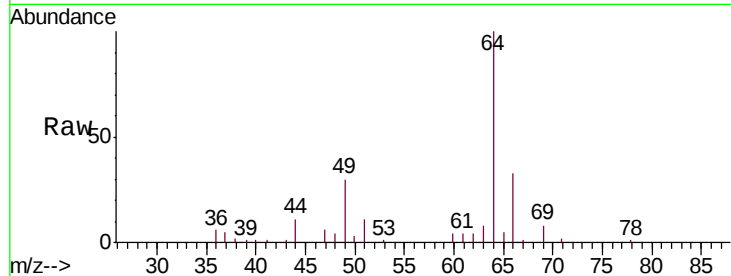




#8
Chloroethane
Concen: 4.463 ug/L
RT: 1.69 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

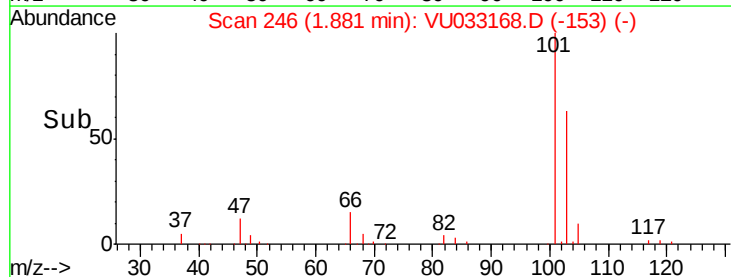
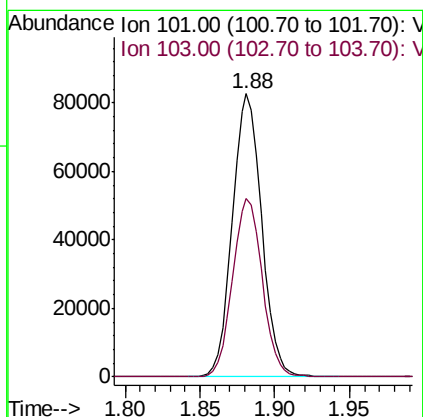
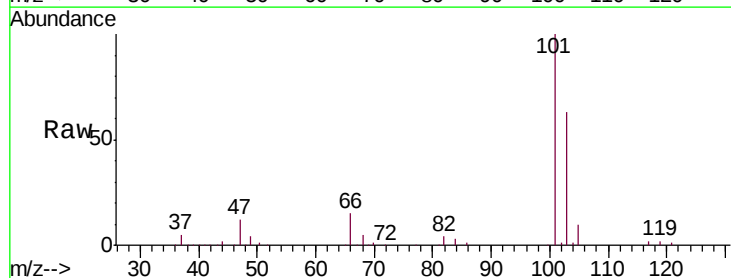
Instrument :
MSVOA_U
ClientSampled :
GAM84

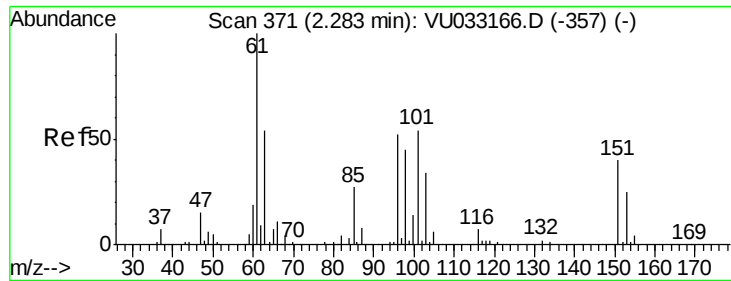
Tgt Ion: 64 Resp: 22570
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 9.476 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

Tgt Ion: 101 Resp: 112728
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9





#10

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

Concen: 4.611 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU033168.D

Acq: 03 Jul 2019 13:08

Instrument :

MSVOA_U

ClientSampled :

GAM84

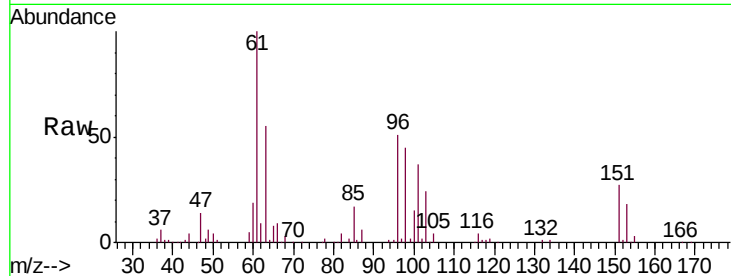
Tgt Ion:101 Resp: 28514

Ion Ratio Lower Upper

101 100

85 47.8 38.0 57.0

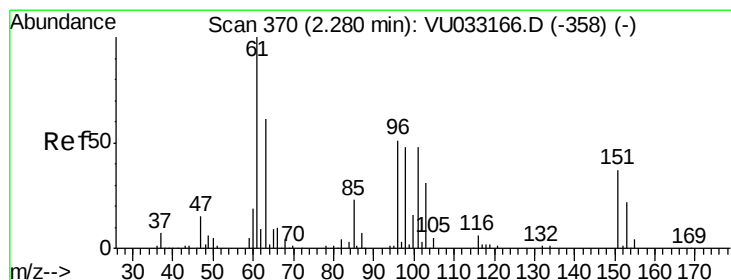
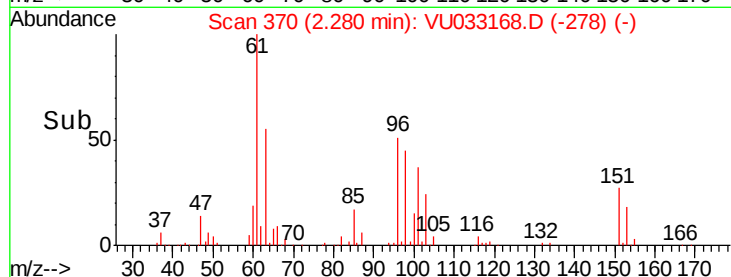
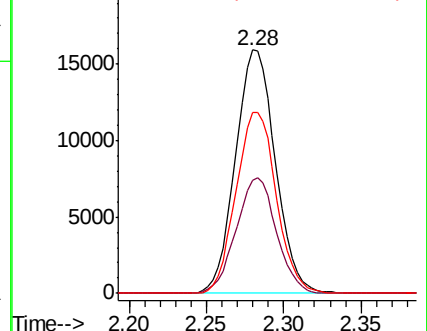
151 75.0 60.6 91.0



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: 5.994 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU033168.D

Acq: 03 Jul 2019 13:08

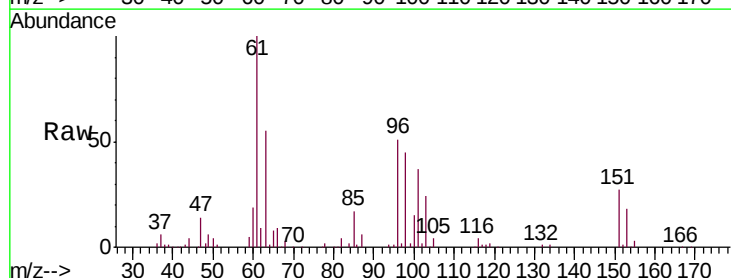
Tgt Ion: 96 Resp: 33560

Ion Ratio Lower Upper

96 100

61 196.4 135.5 251.7

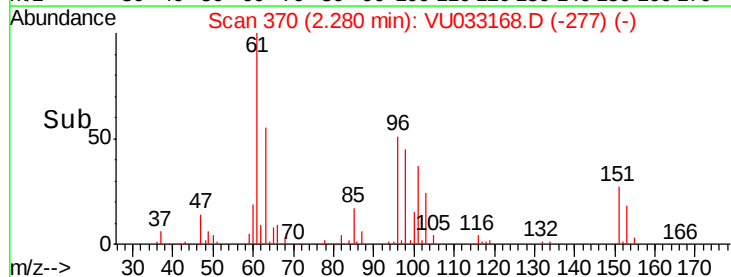
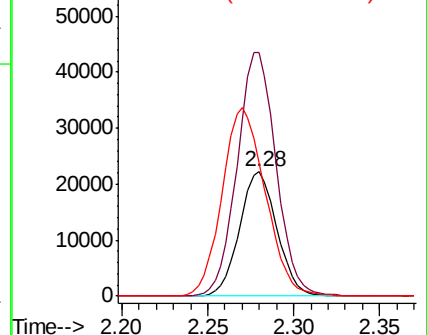
63 108.0 98.0 182.0

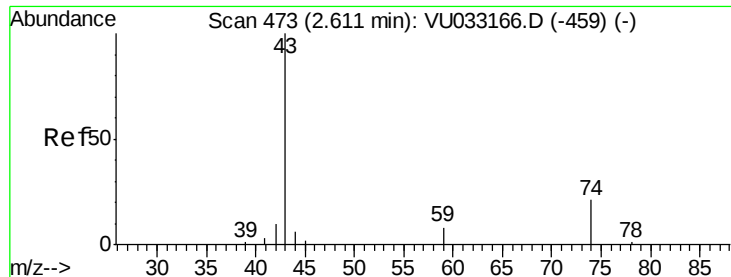


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

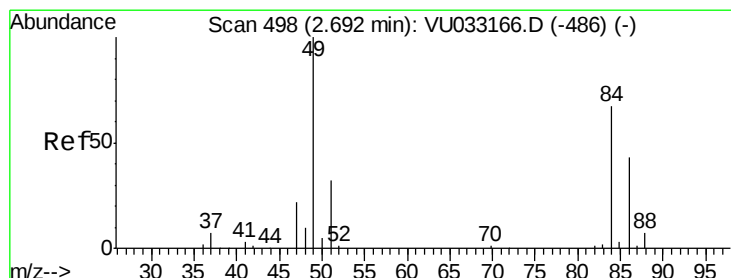
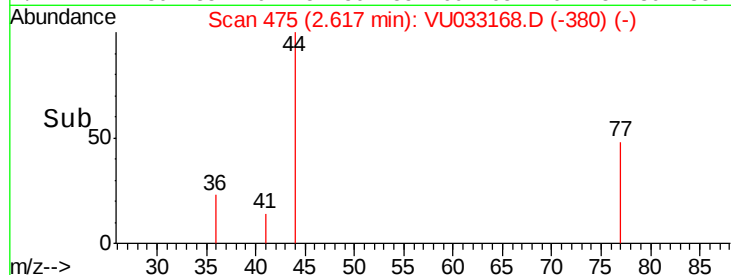
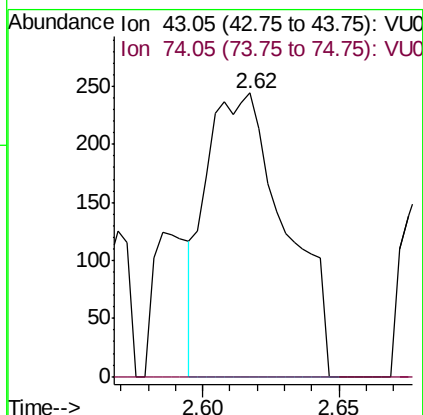
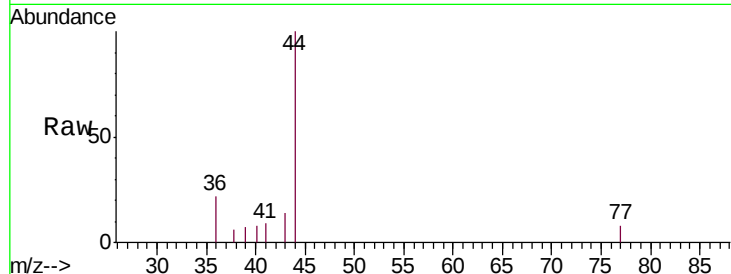




#15
Methyl Acetate
Concen: 0.142 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

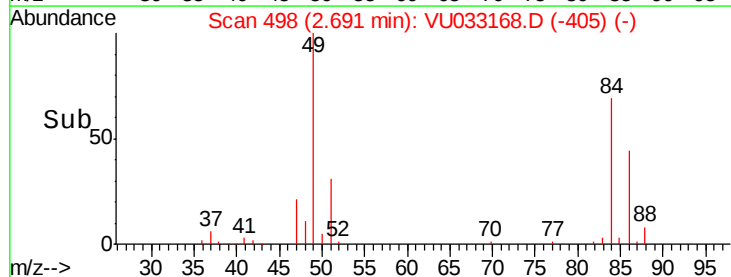
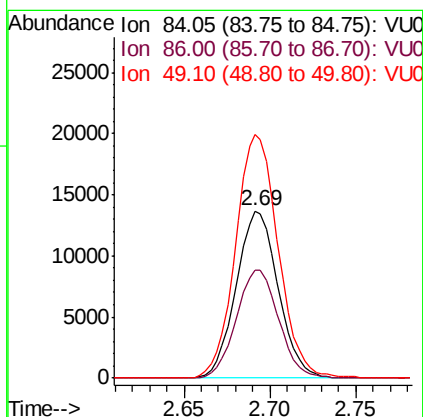
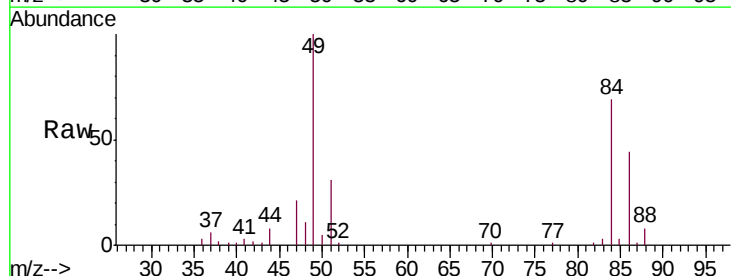
Instrument :
MSVOA_U
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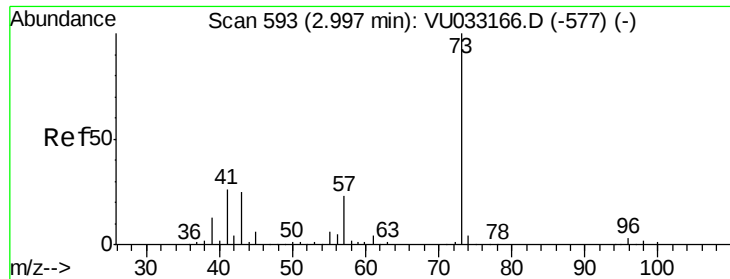
Tgt Ion: 43 Resp: 491
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#



#16
Methylene chloride
Concen: 3.523 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.00 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

Tgt Ion: 84 Resp: 23189
Ion Ratio Lower Upper
84 100
86 64.7 42.8 79.6
49 145.9 99.5 184.9

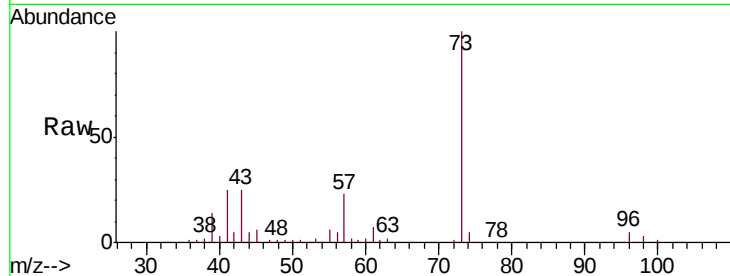




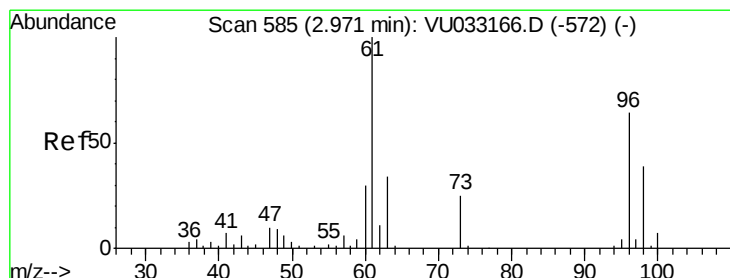
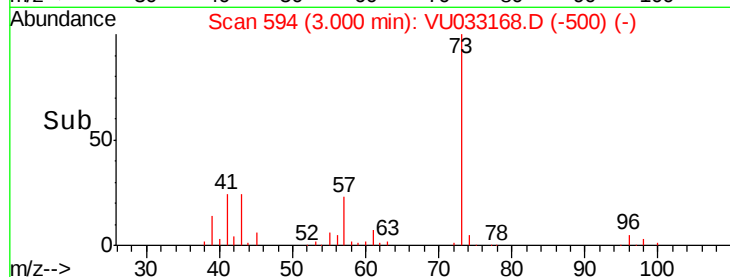
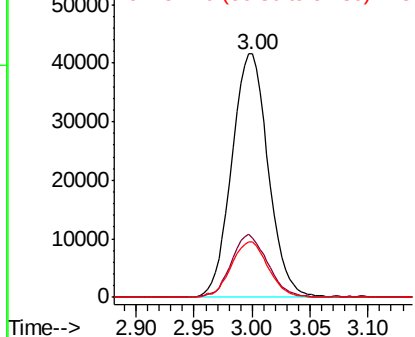
#17
Methyl tert-butyl Ether
Concen: 5.591 ug/L
RT: 3.00 min Scan# 594
Delta R.T. 0.00 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

Instrument :
MSVOA_U
ClientSampled :
GAM84

Tgt Ion: 73 Resp: 90713
Ion Ratio Lower Upper
73 100
43 25.8 20.6 30.8
57 23.2 18.3 27.5

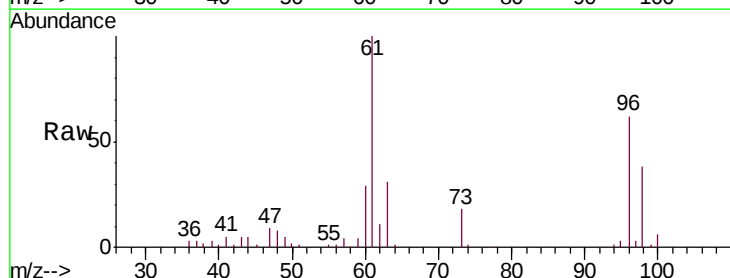


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

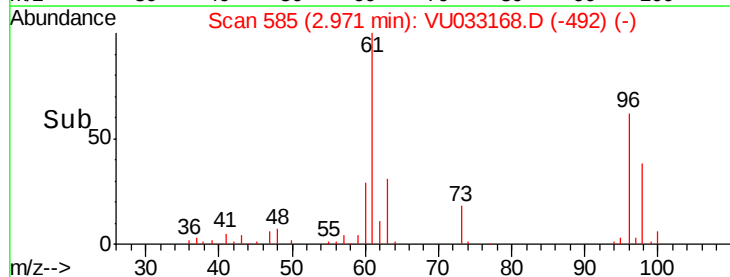
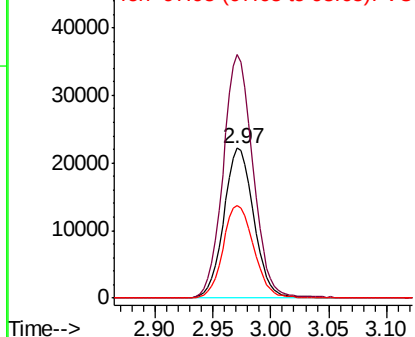


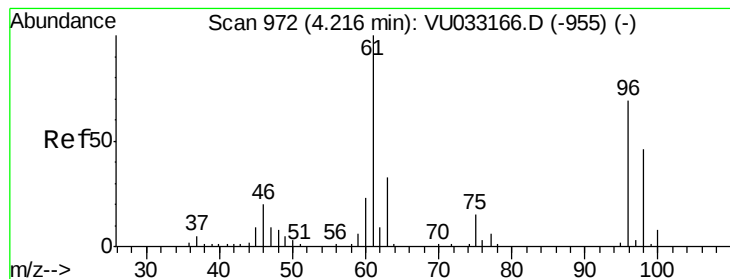
#18
trans-1,2-Dichloroethene
Concen: 6.457 ug/L
RT: 2.97 min Scan# 585
Delta R.T. -0.00 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

Tgt Ion: 96 Resp: 39890
Ion Ratio Lower Upper
96 100
61 162.3 111.3 206.7
98 61.5 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0



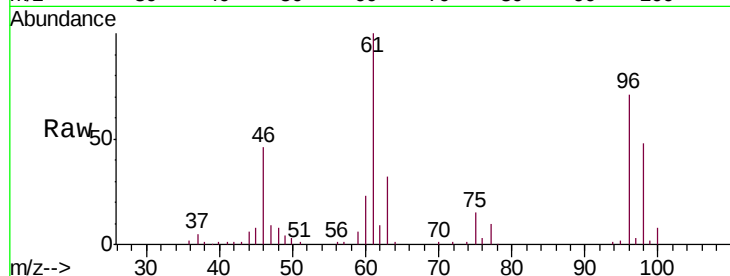


#22

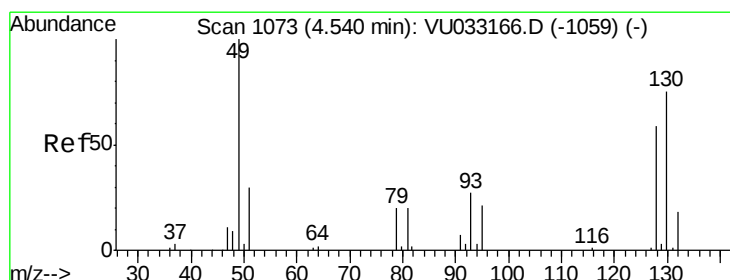
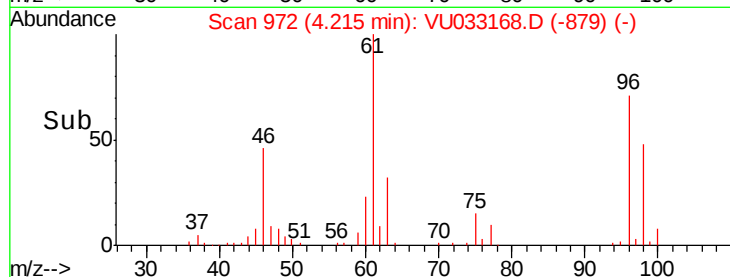
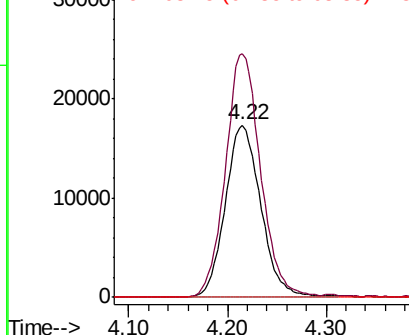
cis-1,2-Dichloroethene
 Concen: 6.382 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU033168.D
 Acq: 03 Jul 2019 13:08

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM84

Tgt Ion: 96 Resp: 43587
 Ion Ratio Lower Upper
 96 100
 61 141.6 93.9 174.5
 68 0.0 0.0 0.0



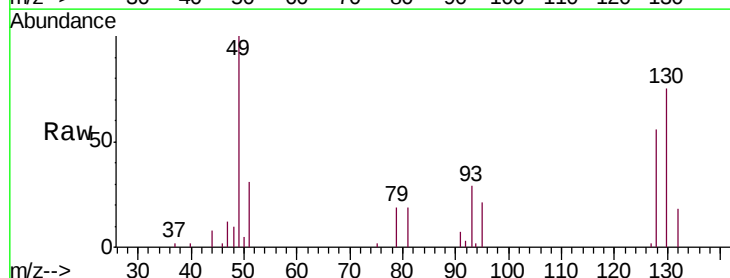
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



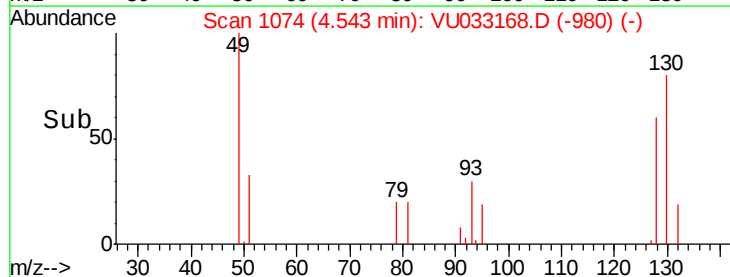
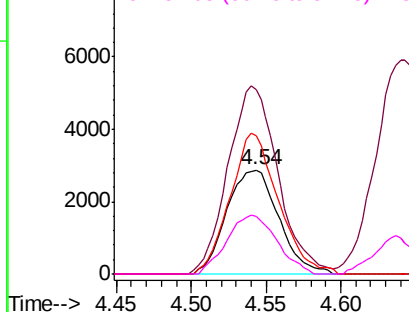
#23

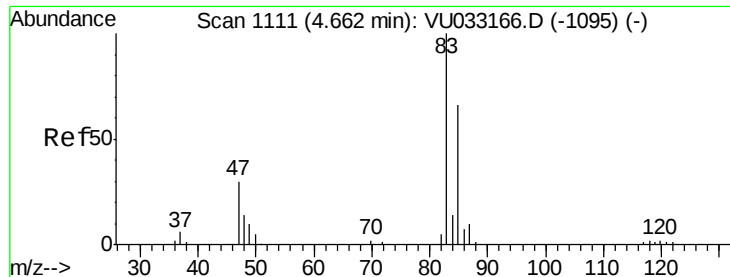
Bromochloromethane
 Concen: 2.184 ug/L
 RT: 4.54 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VU033168.D
 Acq: 03 Jul 2019 13:08

Tgt Ion: 128 Resp: 6945
 Ion Ratio Lower Upper
 128 100
 49 177.3 122.7 227.9
 130 132.5 88.1 163.5
 51 55.1 42.3 63.5



Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VU0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VU0

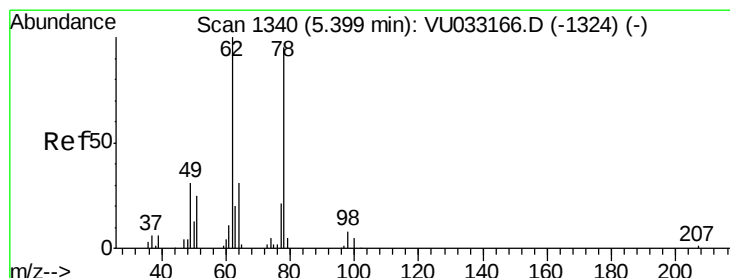
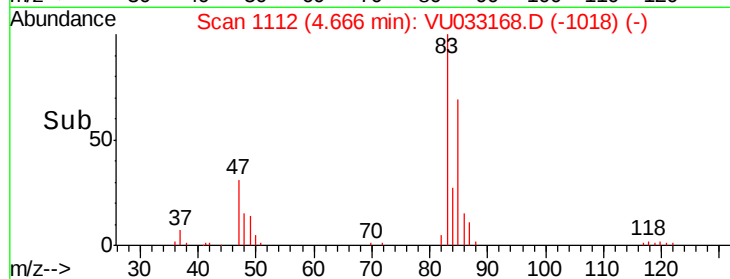
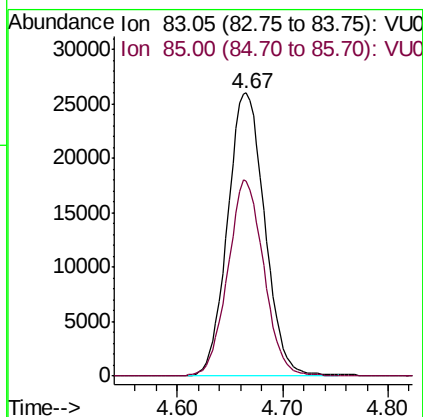
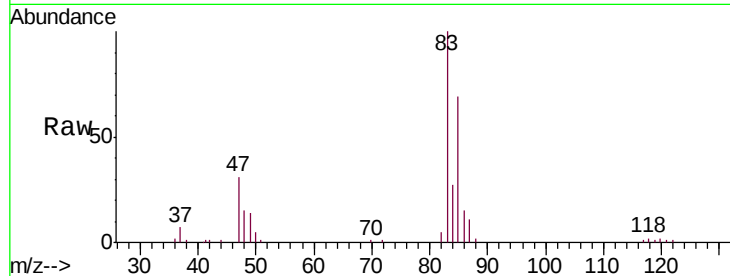




#25
Chloroform
Concen: 4.631 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

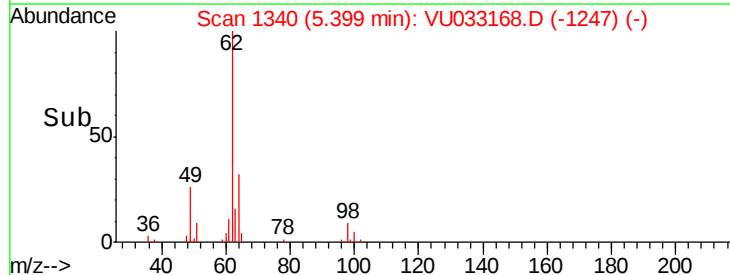
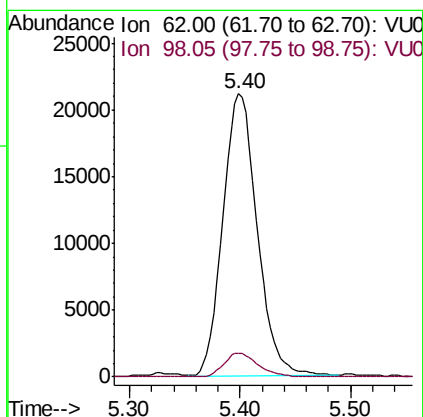
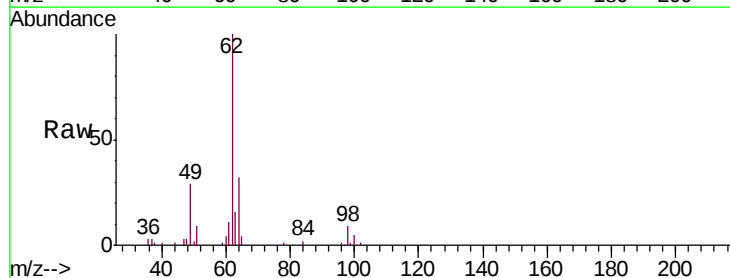
Instrument :
MSVOA_U
ClientSampleId :
GAM84

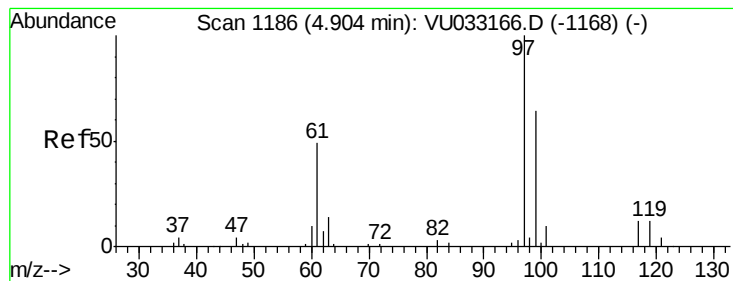
Tgt Ion: 83 Resp: 63515
Ion Ratio Lower Upper
83 100
85 69.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 5.137 ug/L
RT: 5.40 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

Tgt Ion: 62 Resp: 45627
Ion Ratio Lower Upper
62 100
98 8.5 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 5.356 ug/L

RT: 4.90 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU033168.D

Acq: 03 Jul 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

GAM84

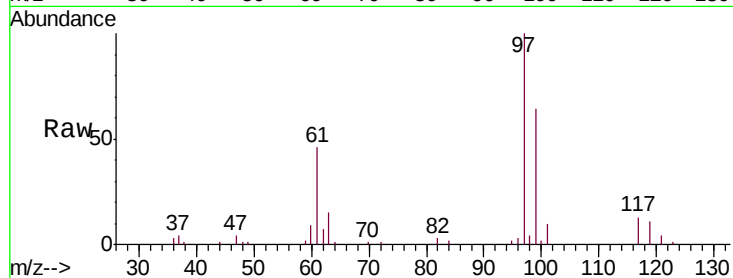
Tgt Ion: 97 Resp: 60714

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

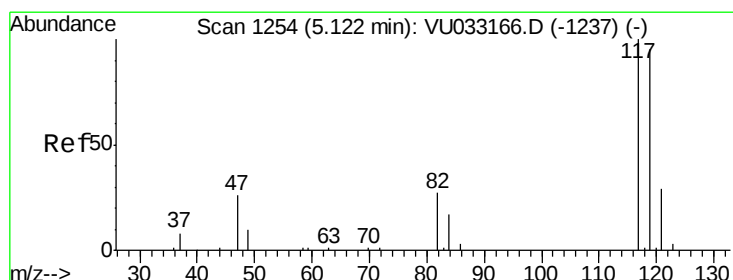
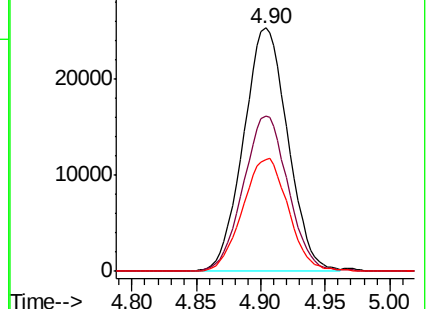
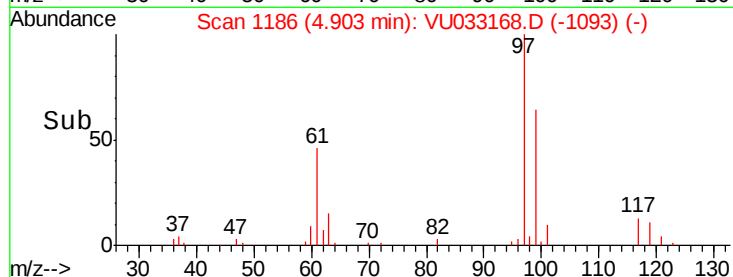
61 47.8 37.8 56.8



Abundance Ion 96.95 (96.65 to 97.65): VU033168.D (-1093) (-)

Ion 99.05 (98.75 to 99.75): VU033168.D (-1093) (-)

Ion 61.05 (60.75 to 61.75): VU033168.D (-1093) (-)



#31

Carbon tetrachloride

Concen: 5.337 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VU033168.D

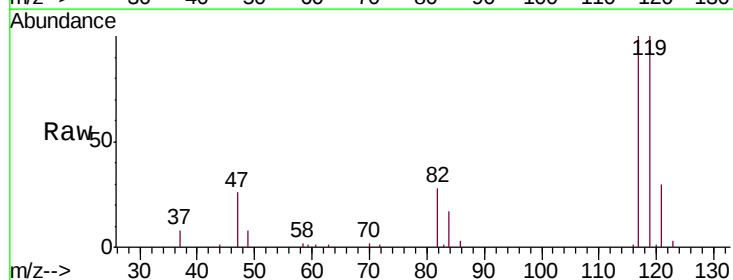
Acq: 03 Jul 2019 13:08

Tgt Ion: 117 Resp: 54150

Ion Ratio Lower Upper

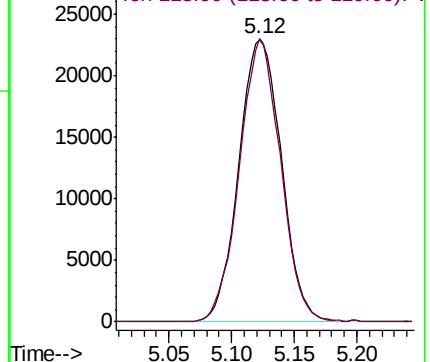
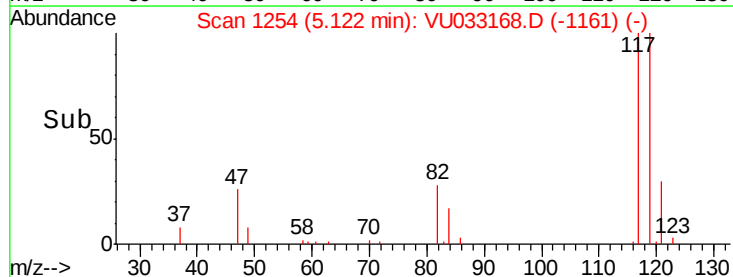
117 100

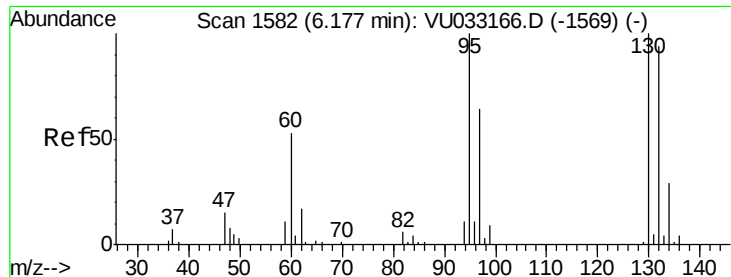
119 96.9 78.3 117.5



Abundance Ion 116.90 (116.60 to 117.60): VU033168.D (-1161) (-)

Ion 118.90 (118.60 to 119.60): VU033168.D (-1161) (-)





#34

Trichloroethene

Concen: 8.472 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU033168.D

Acq: 03 Jul 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

GAM84

Tgt Ion: 95 Resp: 59934

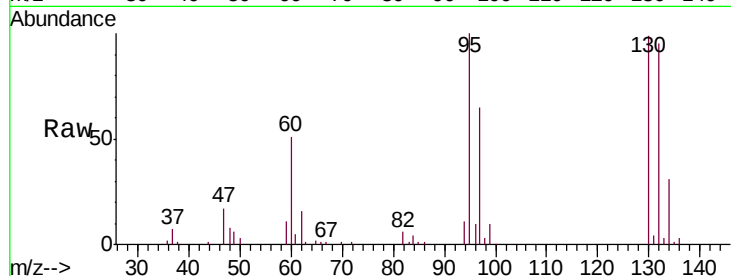
Ion Ratio Lower Upper

95 100

97 64.8 42.8 79.4

132 95.5 64.6 120.0

130 98.8 70.0 130.0



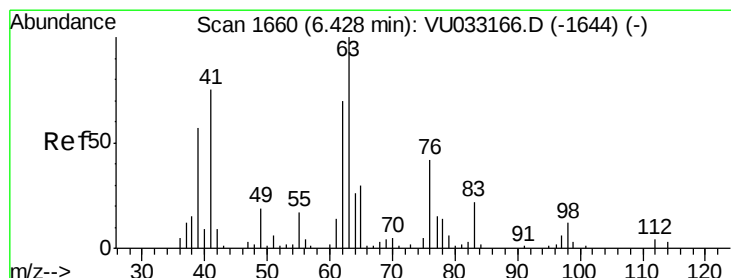
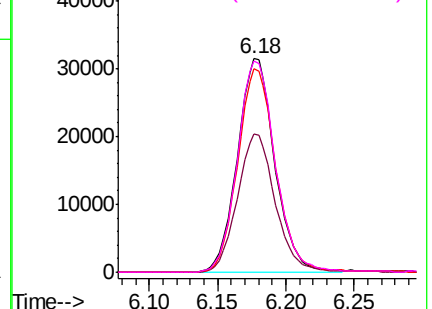
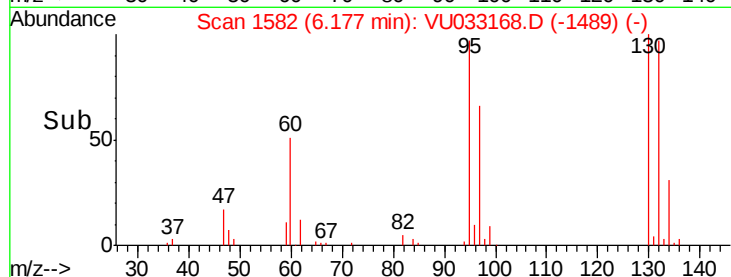
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#37

1,2-Dichloropropane

Concen: 5.122 ug/L

RT: 6.43 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VU033168.D

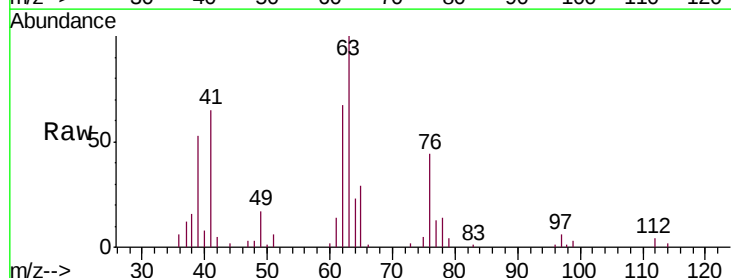
Acq: 03 Jul 2019 13:08

Tgt Ion: 63 Resp: 36545

Ion Ratio Lower Upper

63 100

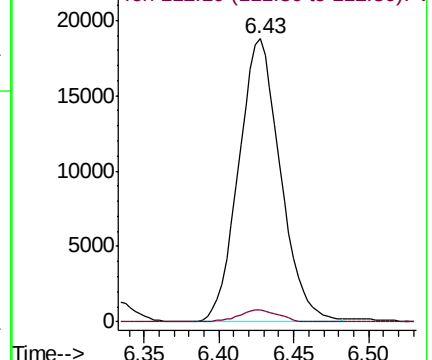
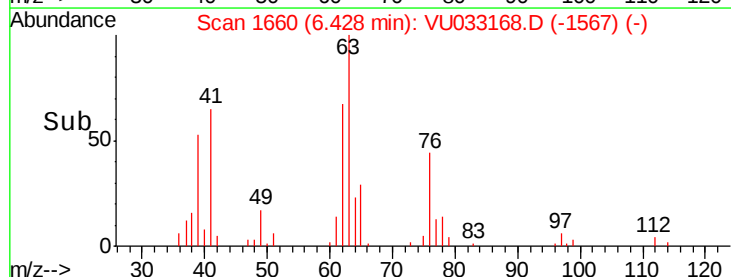
112 3.9 3.0 4.6

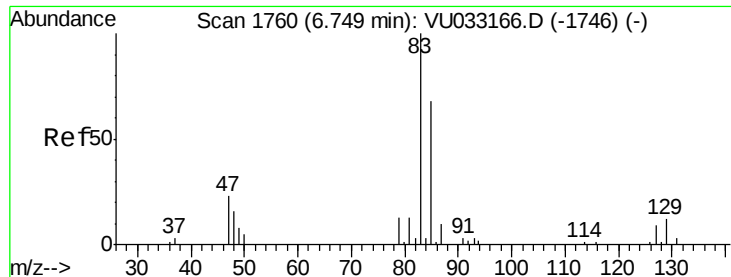


Abundance

Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

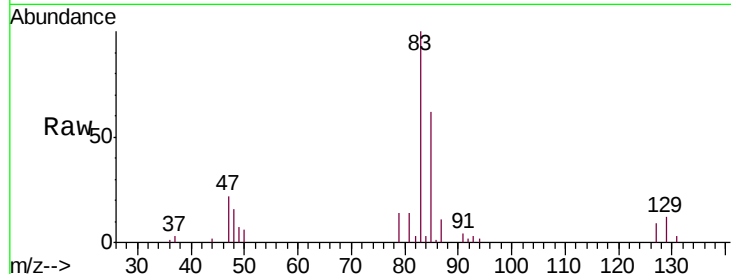




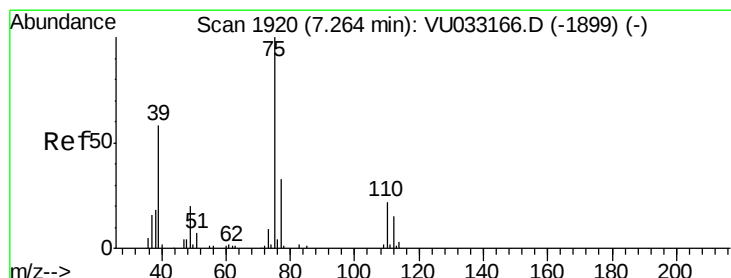
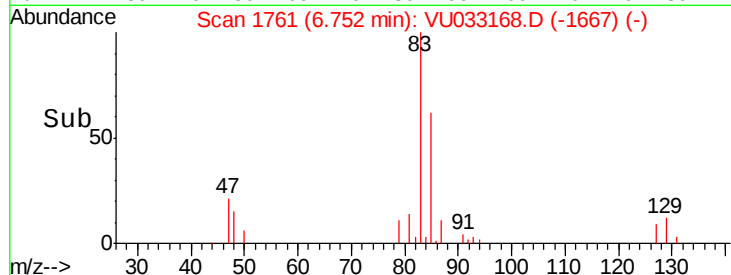
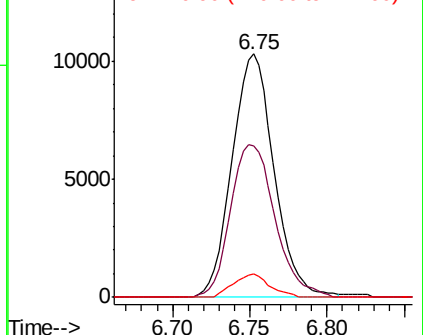
#38
 Bromodichloromethane
 Concen: 2.089 ug/L
 RT: 6.75 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: VU033168.D
 Acq: 03 Jul 2019 13:08

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM84

Tgt Ion: 83 Resp: 19444
 Ion Ratio Lower Upper
 83 100
 85 62.1 43.8 81.4
 127 9.4 7.5 11.3

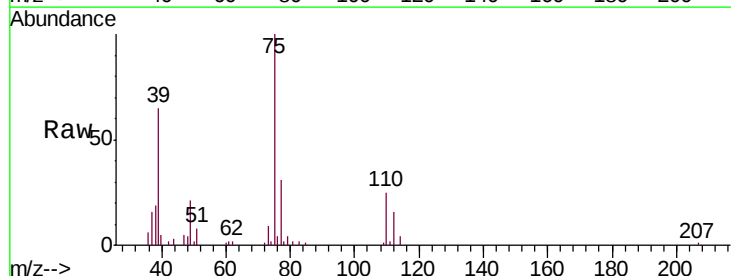


Abundance Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 126.90 (126.60 to 127.60): V

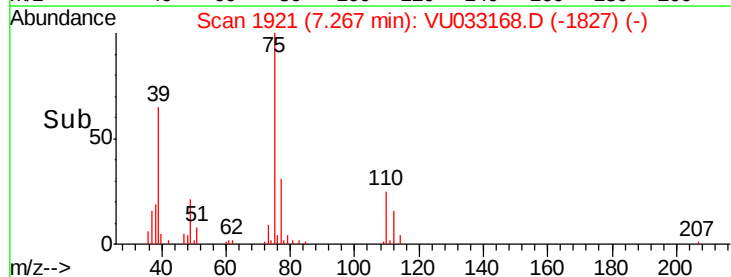
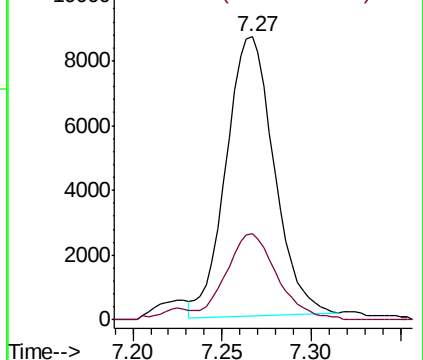


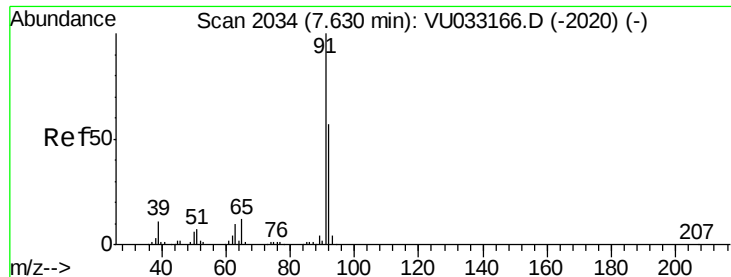
#39
 cis-1,3-Dichloropropene
 Concen: 1.596 ug/L
 RT: 7.27 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VU033168.D
 Acq: 03 Jul 2019 13:08

Tgt Ion: 75 Resp: 16062
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0





#42

Toluene

Concen: 2.960 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU033168.D

Acq: 03 Jul 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

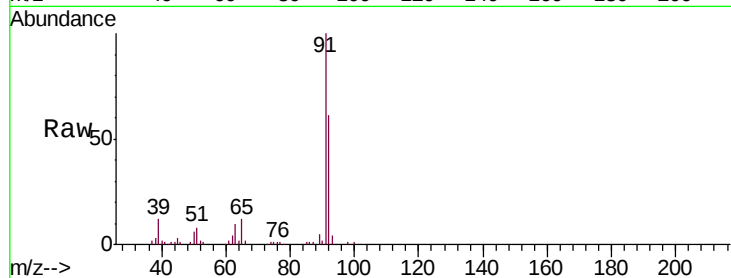
GAM84

Tgt Ion: 91 Resp: 82632

Ion Ratio Lower Upper

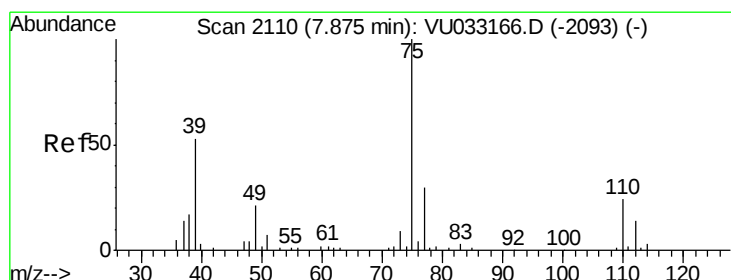
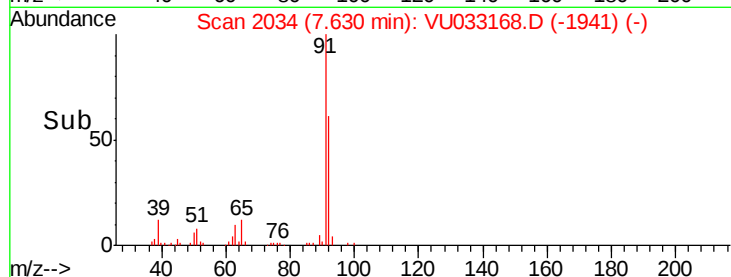
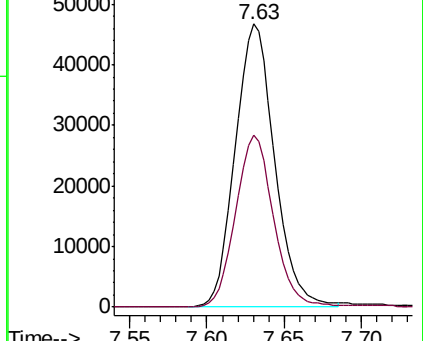
91 100

92 60.7 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VU033166.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU033166.D (-2020) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU033168.D

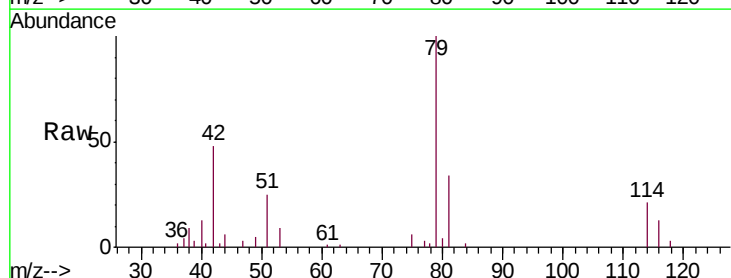
Acq: 03 Jul 2019 13:08

Tgt Ion: 75 Resp: 816

Ion Ratio Lower Upper

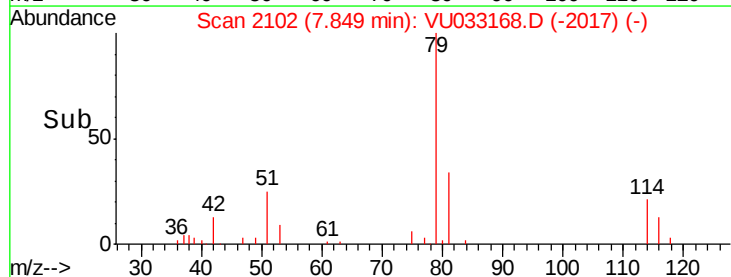
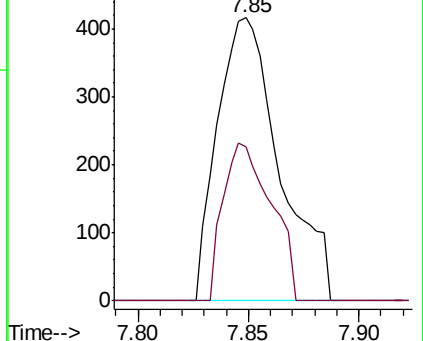
75 100

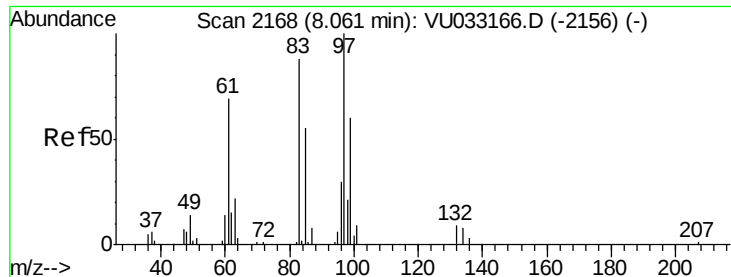
77 54.4 21.6 40.2#



Abundance Ion 75.05 (74.75 to 75.75): VU033166.D (-2093) (-)

Ion 77.05 (76.75 to 77.75): VU033166.D (-2093) (-)

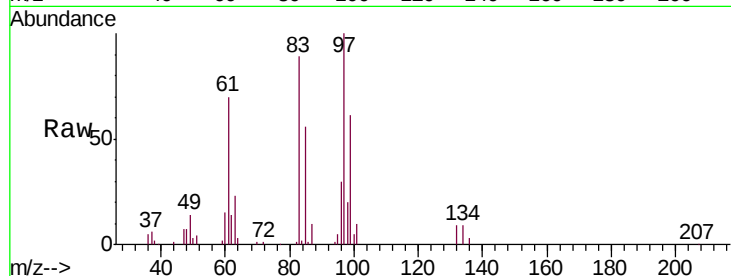




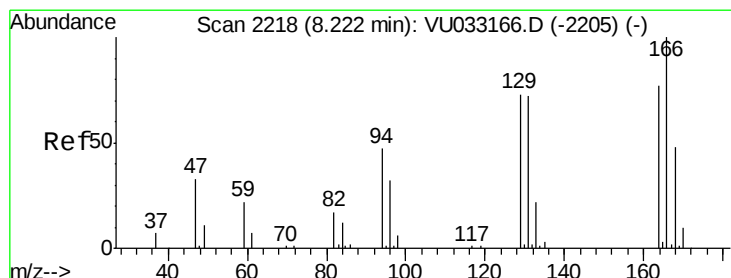
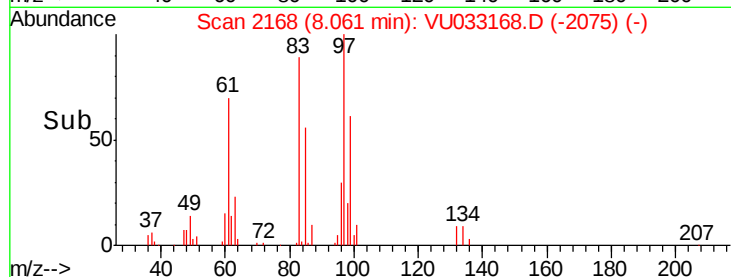
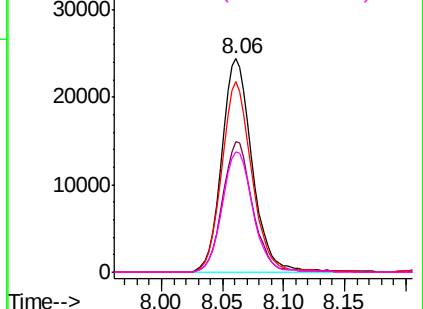
#45
 1,1,2-Trichloroethane
 Concen: 8.577 ug/L
 RT: 8.06 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: VU033168.D
 Acq: 03 Jul 2019 13:08

Instrument :
 MSVOA_U
 ClientSampled :
 GAM84

Tgt Ion:	97	Resp:	42901
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.5	80.7
83	89.0	60.8	112.8
85	56.2	40.7	75.7

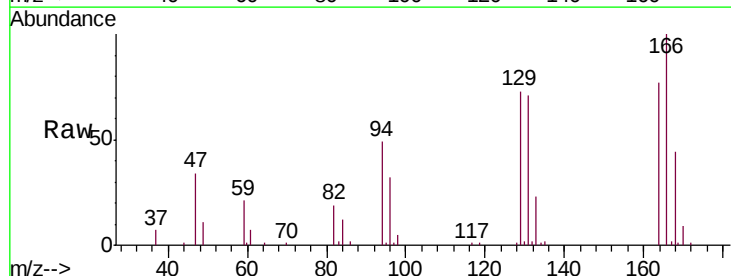


Abundance Ion 96.95 (96.65 to 97.65): VU033168.D (-2156) (-)
 Ion 99.05 (98.75 to 99.75): VU033168.D (-2156) (-)
 Ion 82.95 (82.65 to 83.65): VU033168.D (-2156) (-)
 Ion 85.00 (84.70 to 85.70): VU033168.D (-2156) (-)

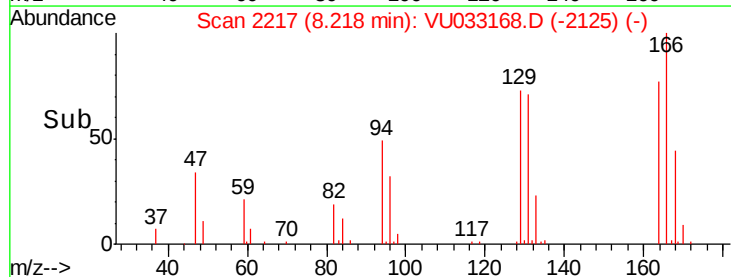
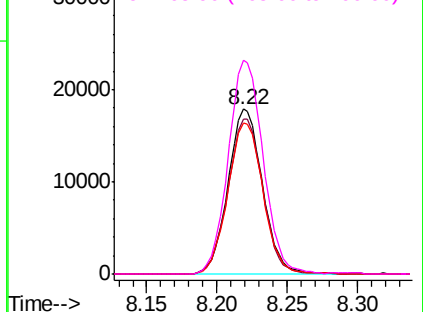


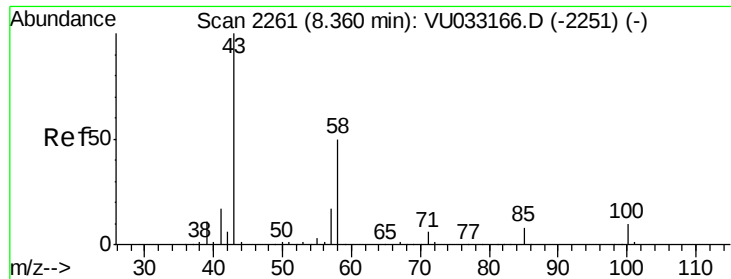
#47
 Tetrachloroethene
 Concen: 5.189 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VU033168.D
 Acq: 03 Jul 2019 13:08

Tgt Ion:	164	Resp:	30493
Ion	Ratio	Lower	Upper
164	100		
129	94.2	65.3	121.3
131	91.7	60.3	112.1
166	129.8	86.9	161.3



Abundance Ion 163.90 (163.60 to 164.60): VU033168.D (-2217) (-)
 Ion 128.95 (128.65 to 129.65): VU033168.D (-2217) (-)
 Ion 130.95 (130.65 to 131.65): VU033168.D (-2217) (-)
 Ion 165.90 (165.60 to 166.60): VU033168.D (-2217) (-)

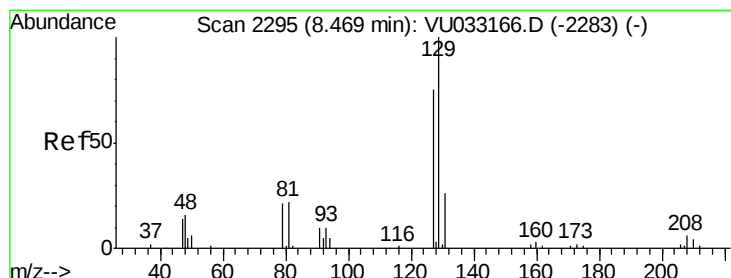
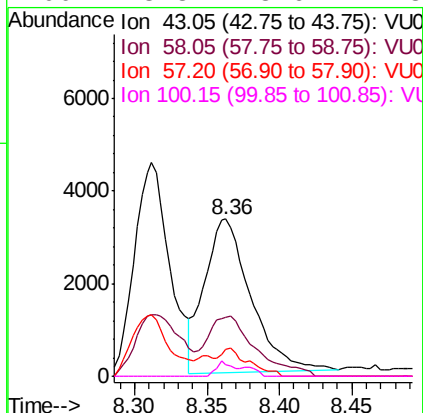
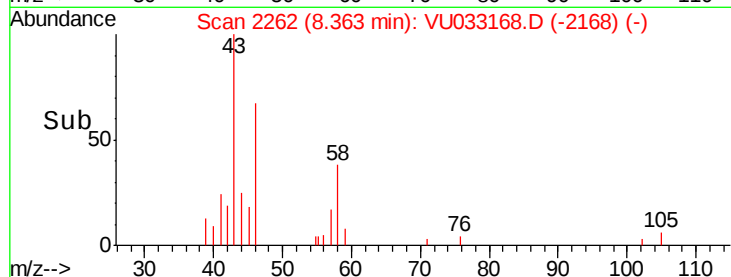
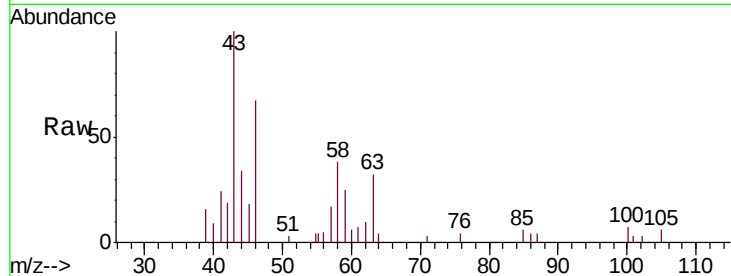




#48
2-Hexanone
Concen: 2.056 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

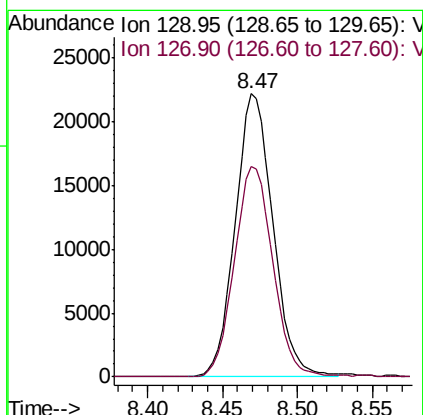
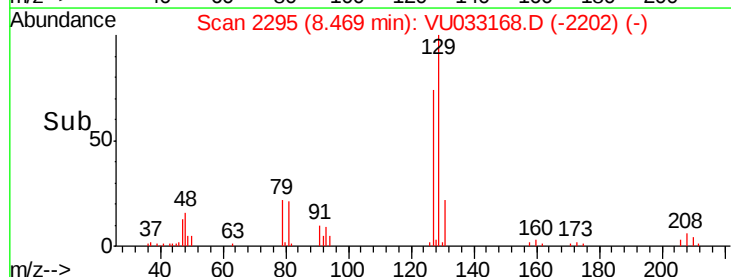
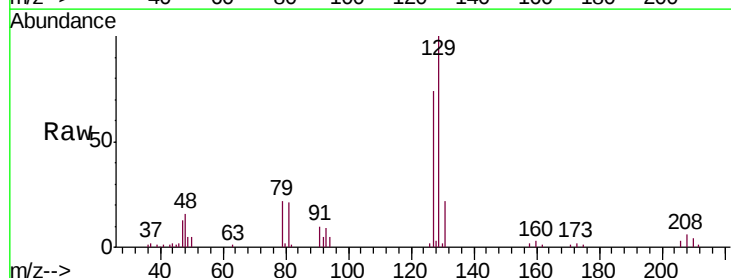
Instrument :
MSVOA_U
ClientSampleId :
GAM84

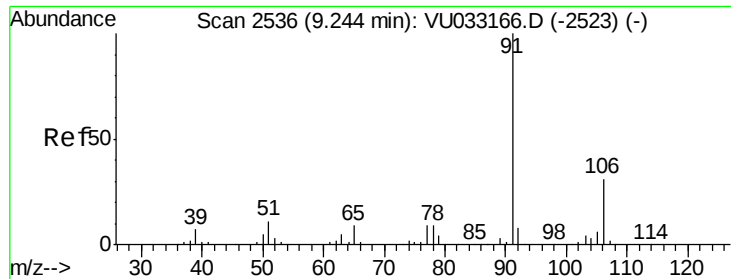
Tgt Ion: 43 Resp: 7385
Ion Ratio Lower Upper
43 100
58 41.2 39.0 58.6
57 10.8 13.9 20.9#
100 3.8 8.6 12.8#



#49
Dibromochloromethane
Concen: 6.231 ug/L
RT: 8.47 min Scan# 2295
Delta R.T. -0.00 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

Tgt Ion: 129 Resp: 38991
Ion Ratio Lower Upper
129 100
127 74.4 51.6 95.8





#52

Ethylbenzene

Concen: 10.526 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU033168.D

Acq: 03 Jul 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

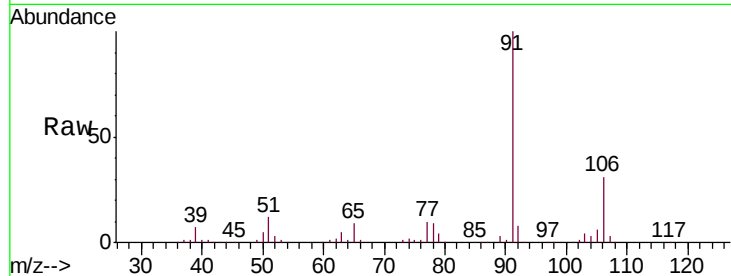
GAM84

Tgt Ion: 91 Resp: 321916

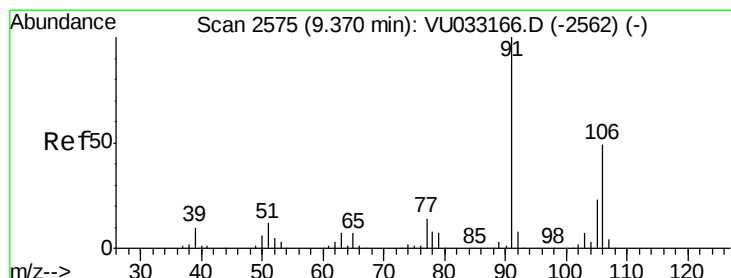
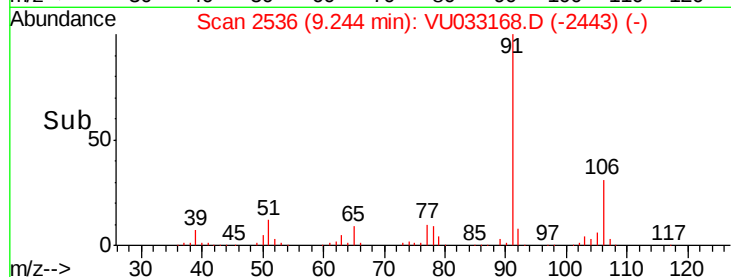
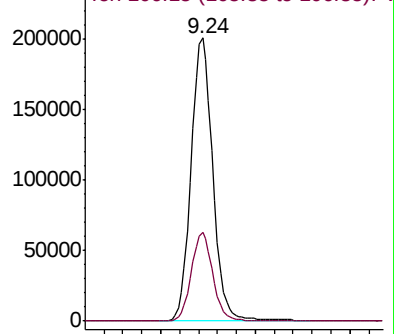
Ion Ratio Lower Upper

91 100

106 31.2 21.2 39.4



Abundance Ion 91.15 (90.85 to 91.85): VU033166.D (-2523) (-)



#53

m,p-Xylene

Concen: 8.997 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.13 min

Lab File: VU033168.D

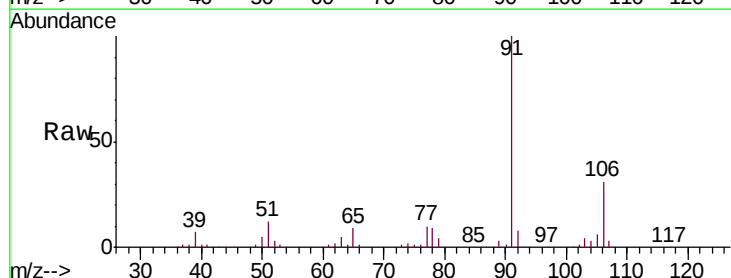
Acq: 03 Jul 2019 13:08

Tgt Ion: 106 Resp: 100486

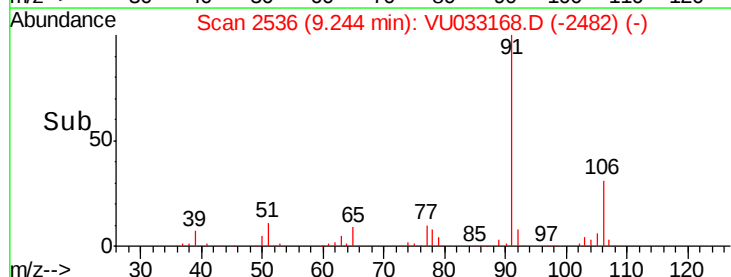
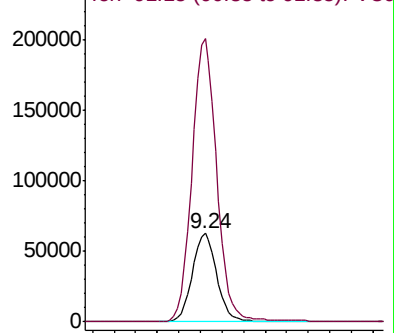
Ion Ratio Lower Upper

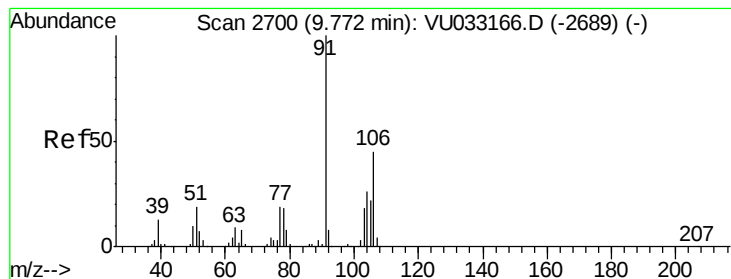
106 100

91 320.4 145.6 270.4#



Abundance Ion 106.15 (105.85 to 106.85): VU033166.D (-2562) (-)





#54

o-Xylene

Concen: 3.071 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU033168.D

Acq: 03 Jul 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

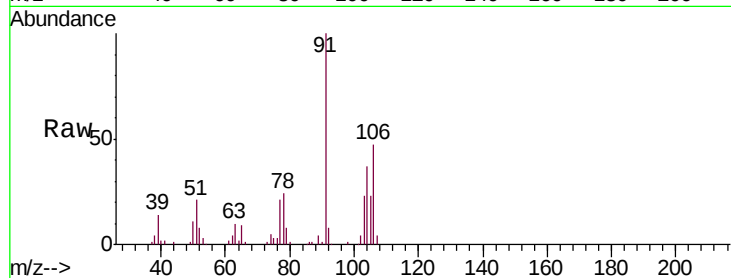
GAM84

Tgt Ion:106 Resp: 33462

Ion Ratio Lower Upper

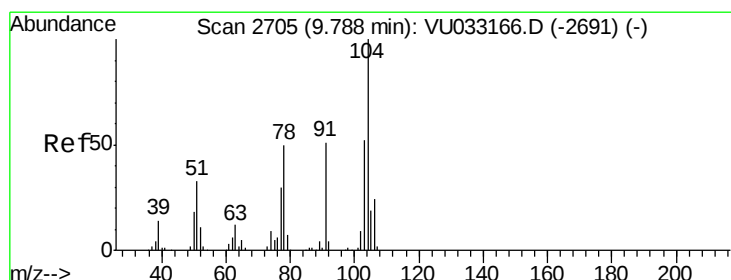
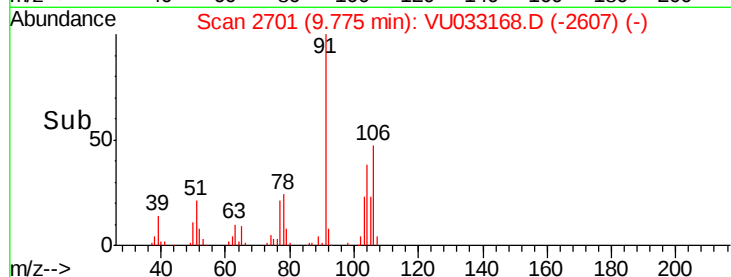
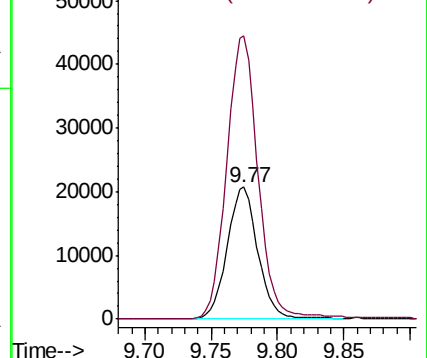
106 100

91 214.6 159.2 295.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU



#55

Styrene

Concen: 3.112 ug/L

RT: 9.79 min Scan# 2705

Delta R.T. -0.00 min

Lab File: VU033168.D

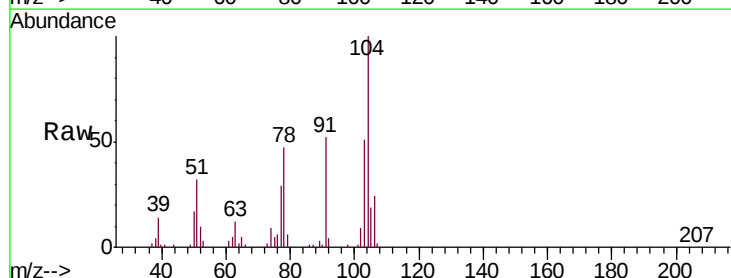
Acq: 03 Jul 2019 13:08

Tgt Ion:104 Resp: 57220

Ion Ratio Lower Upper

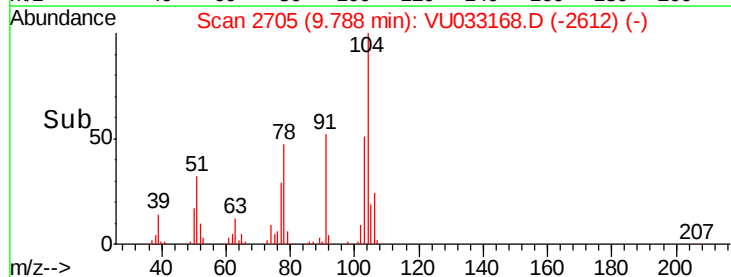
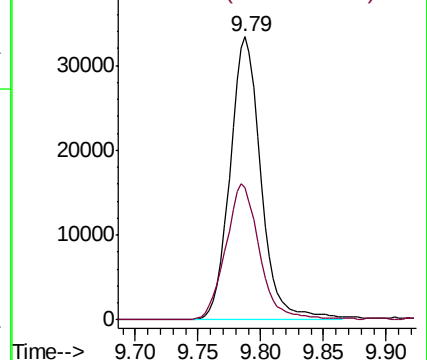
104 100

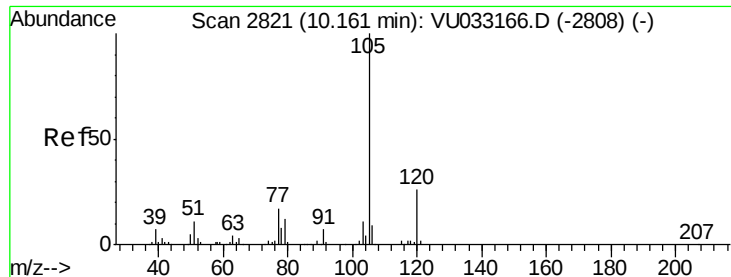
78 46.6 34.6 64.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU





#56

Isopropylbenzene

Concen: 7.596 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU033168.D

Acq: 03 Jul 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

GAM84

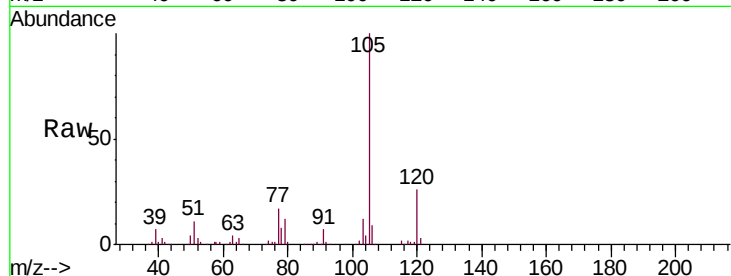
Tgt Ion: 105 Resp: 222696

Ion Ratio Lower Upper

105 100

120 25.8 20.7 31.1

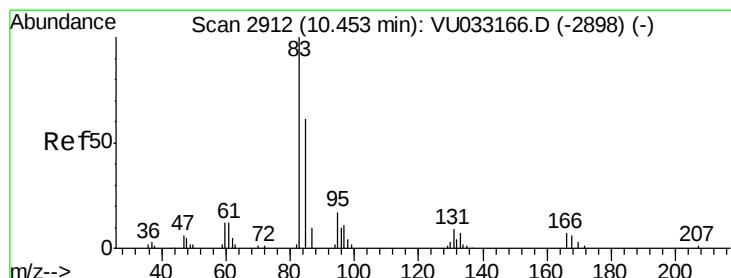
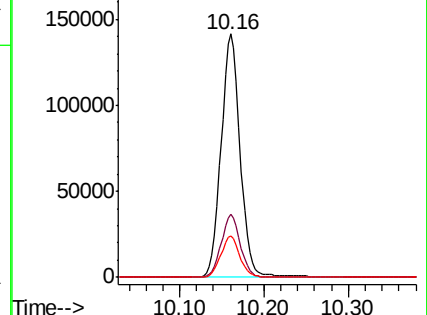
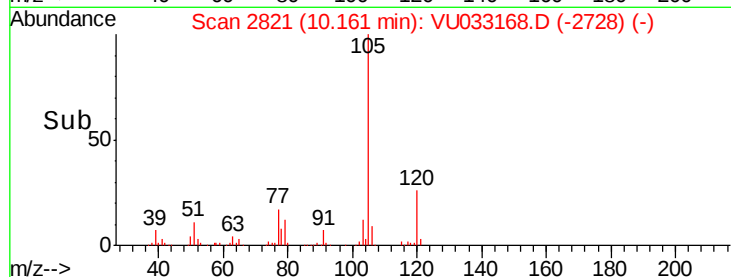
77 16.9 13.5 20.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.927 ug/L

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU033168.D

Acq: 03 Jul 2019 13:08

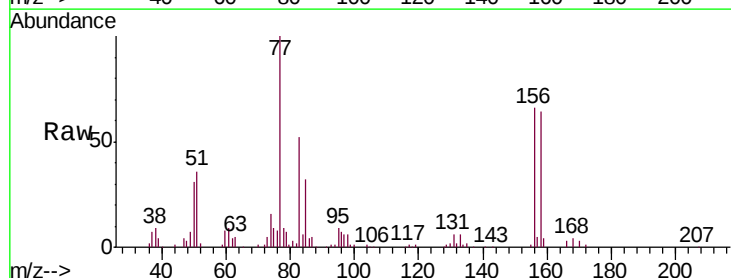
Tgt Ion: 83 Resp: 31291

Ion Ratio Lower Upper

83 100

85 61.6 46.2 85.8

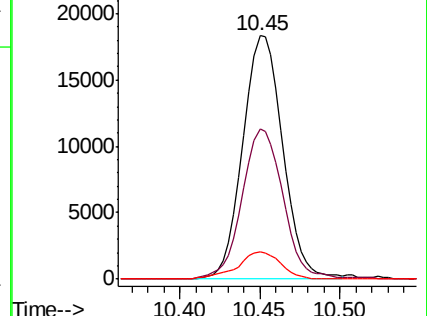
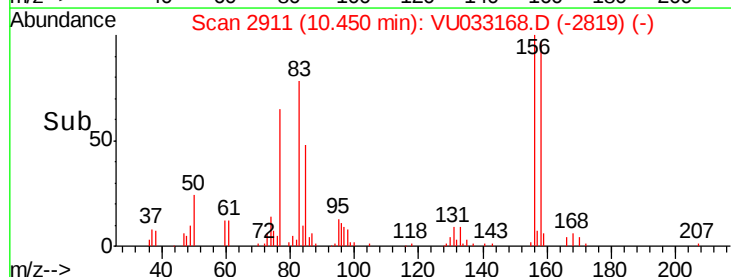
131 11.0 7.3 10.9#

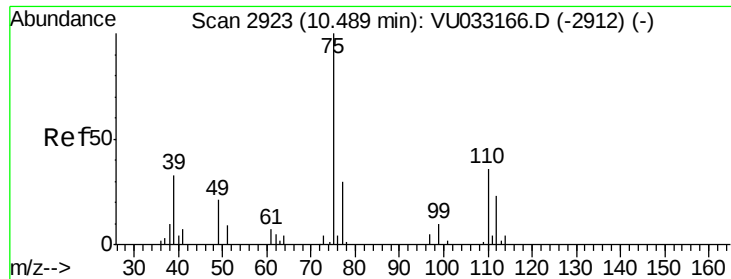


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

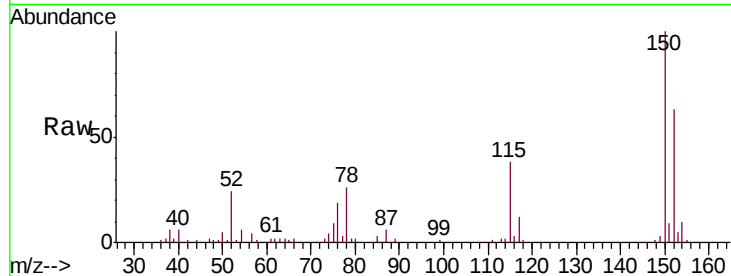




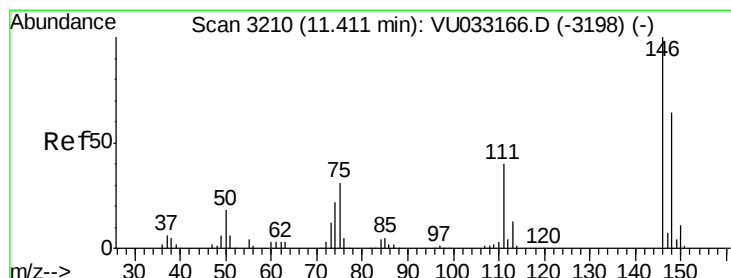
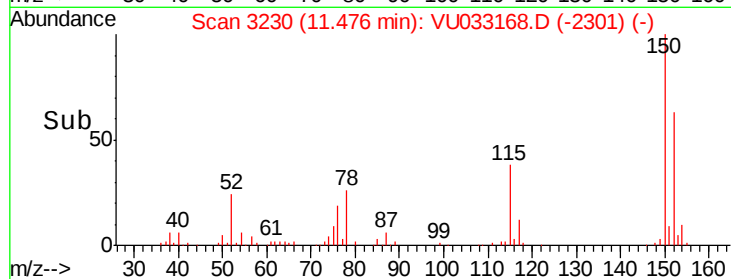
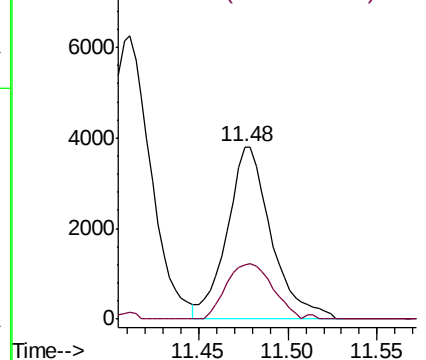
#59
 1,2,3-Trichloropropane
 Concen: 1.349 ug/L
 RT: 11.48 min Scan# 3230
 Delta R.T. 0.99 min
 Lab File: VU033168.D
 Acq: 03 Jul 2019 13:08

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM84

Tgt Ion: 75 Resp: 6546
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.8 38.8

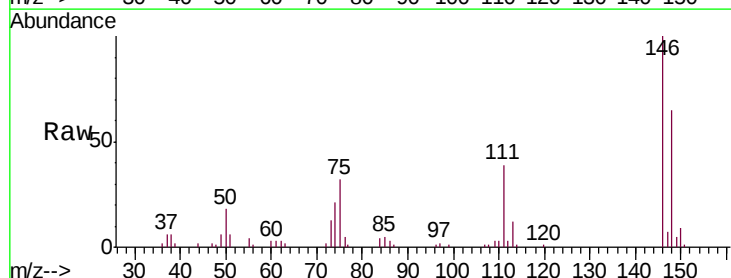


Abundance Ion 75.00 (74.70 to 75.70): VU033168.D (-3230) (-)
 Ion 77.00 (76.70 to 77.70): VU033168.D (-3230) (-)

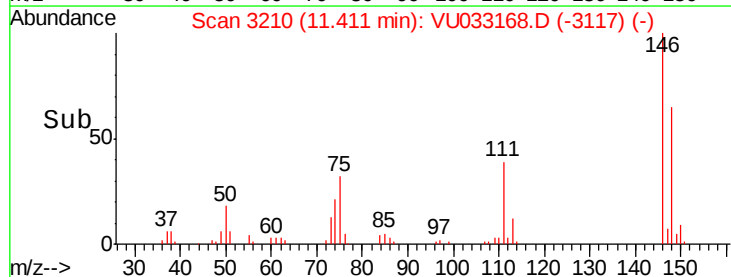
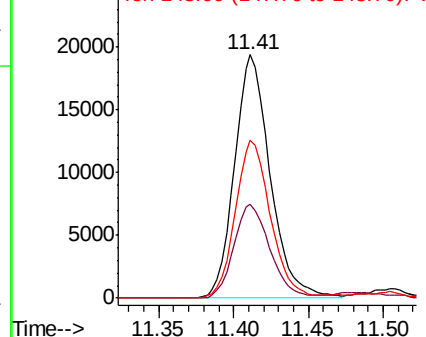


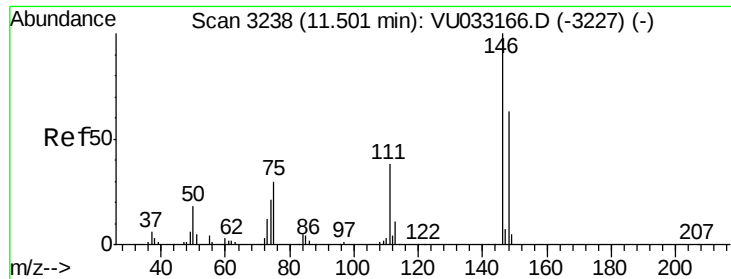
#62
 1,3-Dichlorobenzene
 Concen: 2.186 ug/L
 RT: 11.41 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: VU033168.D
 Acq: 03 Jul 2019 13:08

Tgt Ion: 146 Resp: 32129
 Ion Ratio Lower Upper
 146 100
 111 38.5 28.2 52.4
 148 64.7 45.2 84.0



Abundance Ion 145.95 (145.65 to 146.65): VU033168.D (-3210) (-)
 Ion 111.00 (110.70 to 111.70): VU033168.D (-3210) (-)
 Ion 148.00 (147.70 to 148.70): VU033168.D (-3210) (-)

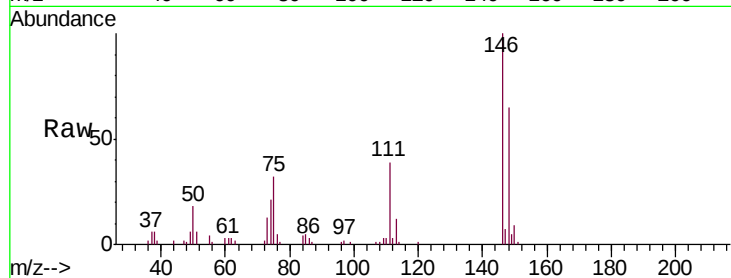




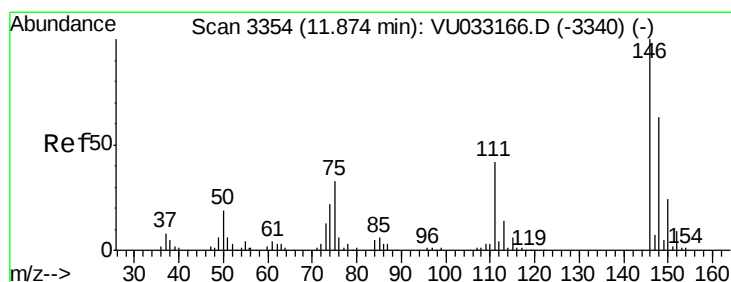
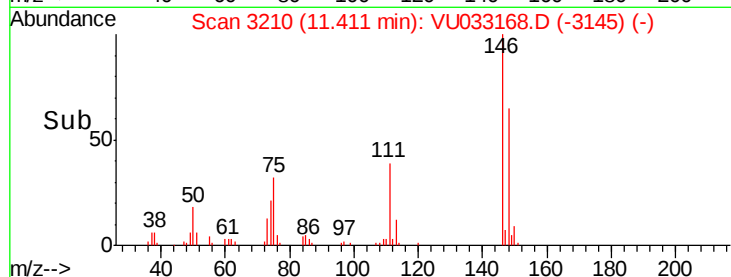
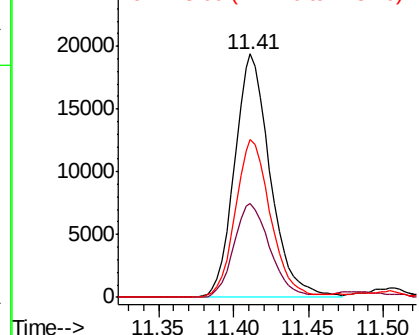
#63
1,4-Dichlorobenzene
Concen: 2.104 ug/L
RT: 11.41 min Scan# 3210
Delta R.T. -0.09 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

Instrument :
MSVOA_U
ClientSampled :
GAM84

Tgt Ion:146 Resp: 32129
Ion Ratio Lower Upper
146 100
111 38.5 27.0 50.2
148 64.7 45.1 83.7

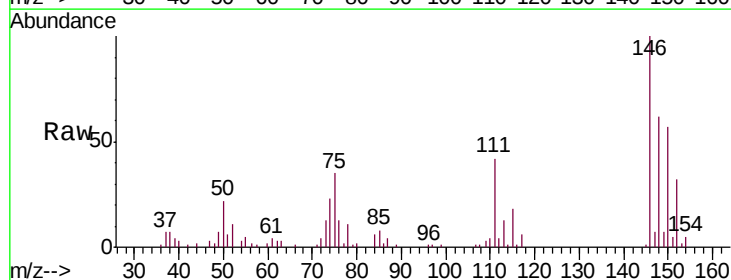


Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#65
1,2-Dichlorobenzene
Concen: 2.161 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU033168.D
Acq: 03 Jul 2019 13:08

Tgt Ion:146 Resp: 31081
Ion Ratio Lower Upper
146 100
111 42.1 31.8 47.8
148 62.3 50.7 76.1



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

