

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082118\
 Data File : VV007105.D
 Acq On : 21 Aug 2018 17:01
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

Quant Time: Aug 22 03:48:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 22 03:46:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	304675	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	295165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	132464	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105152	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	84449	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	189883	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	3.97	46	274308	55.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.80%
24) Chloroform-d	4.41	84	213264	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.09	65	105519	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	428203	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.12	67	136102	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	391925	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	7.67	79	49588	5.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.40%
46) 2-Hexanone-d5	8.15	63	156756	55.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	100520	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	131696	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	126089	4.814 ug/L	99
3) Chloromethane	1.25	50	136856	4.790 ug/L	100
5) Vinyl chloride	1.32	62	128873	4.840 ug/L	96
6) Bromomethane	1.54	94	43375	4.959 ug/L	100
8) Chloroethane	1.60	64	78014	4.758 ug/L	100
9) Trichlorofluoromethane	1.77	101	172786	4.820 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	107572	4.800 ug/L	99
12) 1,1-Dichloroethene	2.14	96	98479	4.692 ug/L	92
13) Acetone	2.21	43	149820	52.646 ug/L	91
14) Carbon disulfide	2.32	76	296750	4.918 ug/L	98
15) Methyl Acetate	2.47	43	37978	5.142 ug/L	94
16) Methylene chloride	2.54	84	108204	4.403 ug/L	99
17) Methyl tert-butyl Ether	2.82	73	242542	4.836 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	109475	4.815 ug/L	99
19) 1,1-Dichloroethane	3.23	63	199972	4.657 ug/L	98
21) 2-Butanone	4.05	43	303242	51.756 ug/L	92
22) cis-1,2-Dichloroethene	3.97	96	124402	4.952 ug/L	99

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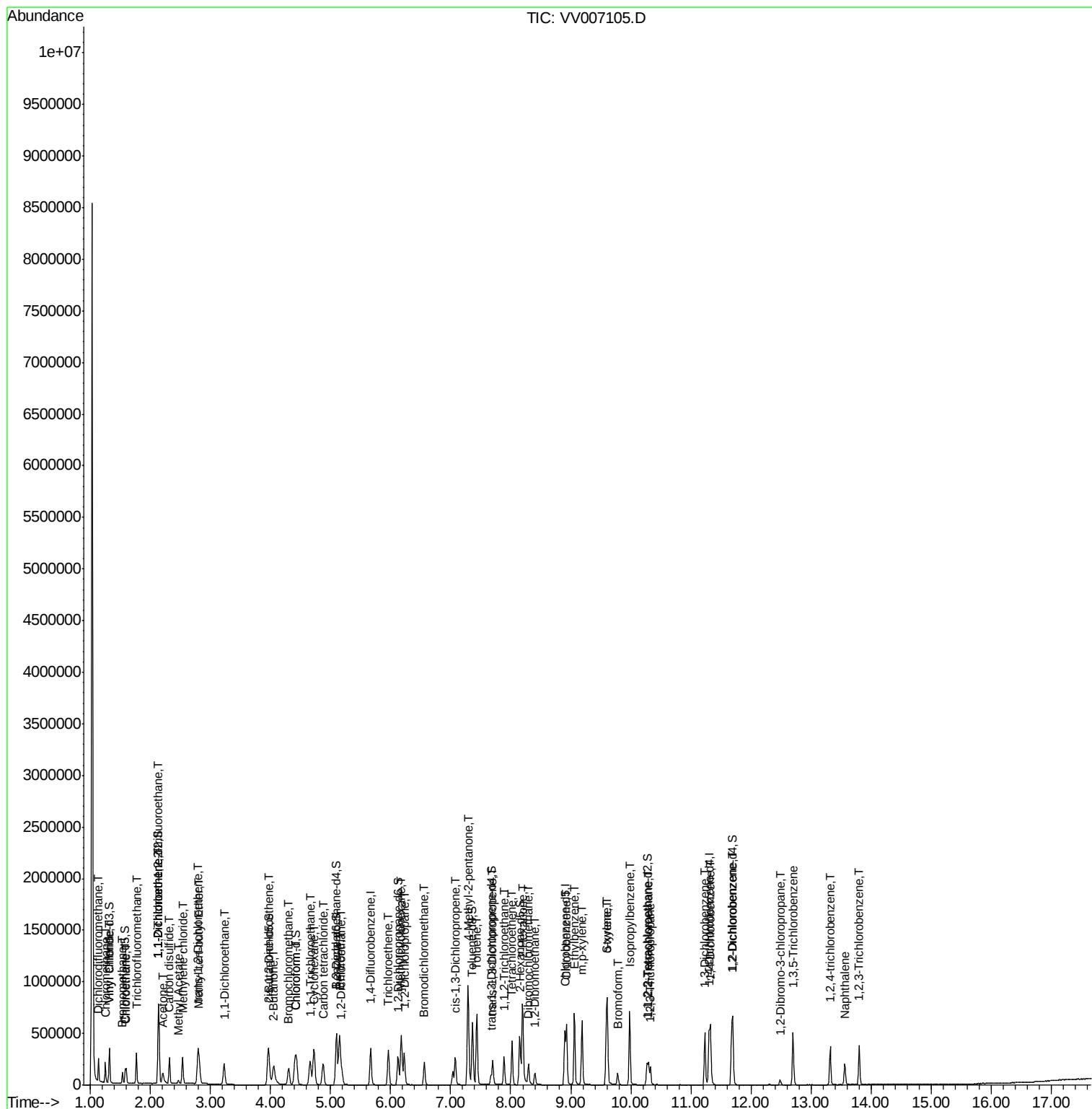
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	54272	4.733	ug/L	97
25) Chloroform	4.43	83	220520	4.813	ug/L	100
27) 1,2-Dichloroethane	5.19	62	130420	5.012	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	182711	4.767	ug/L	99
30) Cyclohexane	4.73	56	175385	5.101	ug/L	99
31) Carbon tetrachloride	4.88	117	155892	4.854	ug/L	98
33) Benzene	5.15	78	491188	5.043	ug/L	100
34) Trichloroethene	5.96	95	119777	5.109	ug/L	97
35) Methylcyclohexane	6.18	83	180365	5.143	ug/L	99
37) 1,2-Dichloropropane	6.23	63	128037	4.868	ug/L	100
38) Bromodichloromethane	6.56	83	149840	4.904	ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	160892	5.176	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	680908	53.167	ug/L	100
42) Toluene	7.44	91	495379	5.314	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	135357	5.240	ug/L	94
45) 1,1,2-Trichloroethane	7.89	97	85190	4.828	ug/L	97
47) Tetrachloroethene	8.02	164	98754	5.044	ug/L	98
48) 2-Hexanone	8.20	43	520716	54.081	ug/L	98
49) Dibromochloromethane	8.30	129	97932	5.040	ug/L	96
50) 1,2-Dibromoethane	8.40	107	75117	5.080	ug/L	97
51) Chlorobenzene	8.93	112	309212	5.033	ug/L	99
52) Ethylbenzene	9.06	91	470942	5.128	ug/L	99
53) m,p-xylene	9.19	106	180640	5.194	ug/L	96
54) o-xylene	9.59	106	172124	5.189	ug/L	96
55) Styrene	9.61	104	300160	5.309	ug/L	99
56) Isopropylbenzene	9.98	105	453225	5.263	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	104981	5.041	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	75895	5.045	ug/L	98
61) Bromoform	9.78	173	52246	4.971	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	221273	5.219	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	230114	5.176	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	221107	5.184	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	11917	4.848	ug/L	87
67) 1,3,5-Trichlorobenzene	12.70	180	168976	5.309	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	122596	5.759	ug/L	97
69) Naphthalene	13.56	128	174860	6.194	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	121209	5.826	ug/L	99

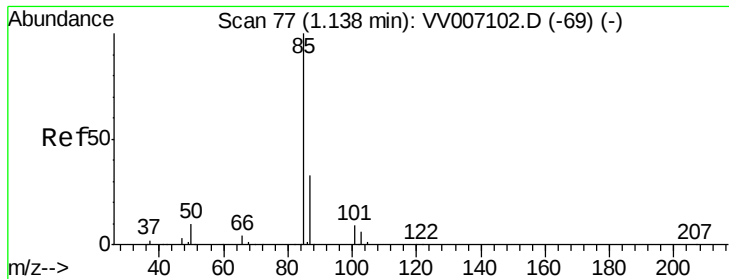
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.814 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampleId :

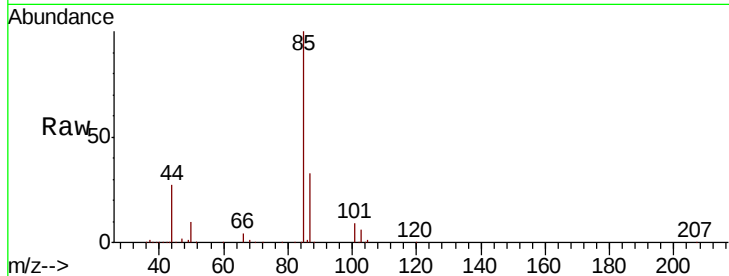
VICV74

Tgt Ion: 85 Resp: 126089

Ion Ratio Lower Upper

85 100

87 32.8 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VV007102.D (-69) (-)

Ion 87.00 (86.70 to 87.70): VV007102.D (-69) (-)

1.14

150000

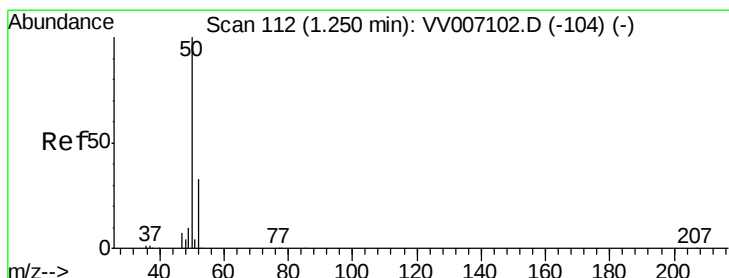
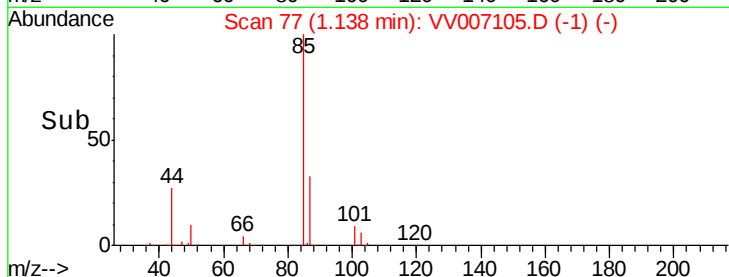
100000

50000

0

Time-->

1.10 1.20 1.30



#3

Chloromethane

Concen: 4.790 ug/L

RT: 1.25 min Scan# 112

Delta R.T. 0.00 min

Lab File: VV007105.D

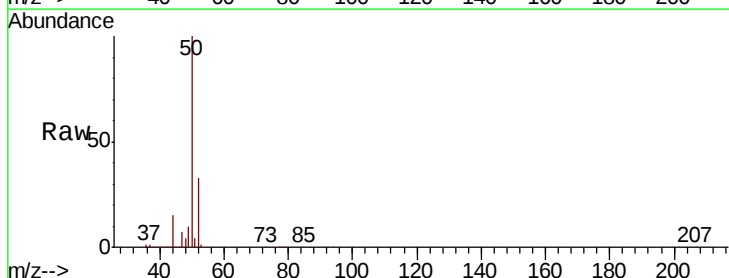
Acq: 21 Aug 2018 17:01

Tgt Ion: 50 Resp: 136856

Ion Ratio Lower Upper

50 100

52 32.7 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VV007102.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV007102.D (-104) (-)

1.25

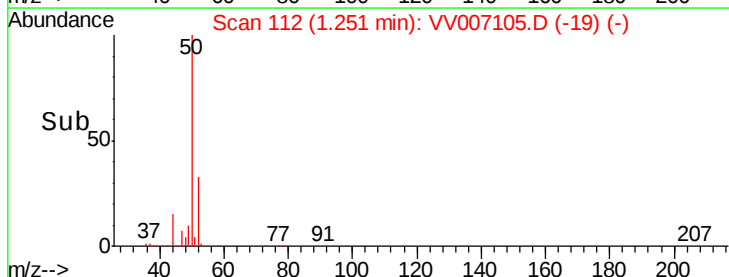
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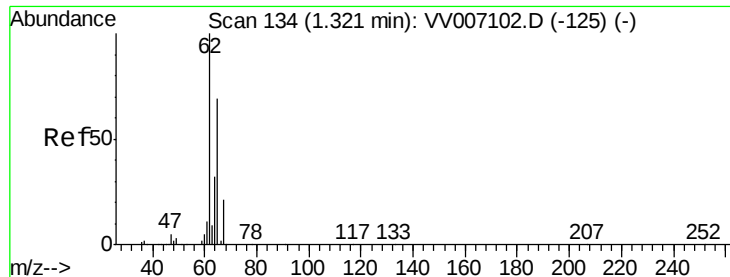
50000

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Time-->

1.20 1.25 1.30 1.35





#5

Vinyl chloride

Concen: 4.840 ug/L

RT: 1.32 min Scan# 134

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampleId :

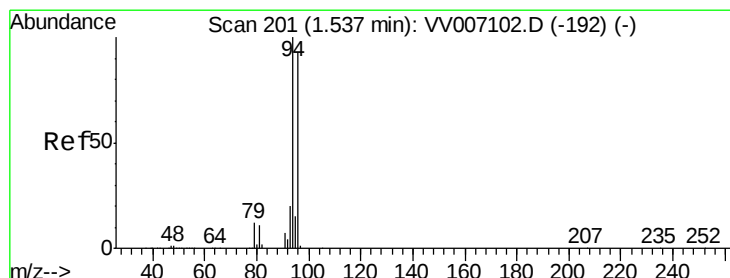
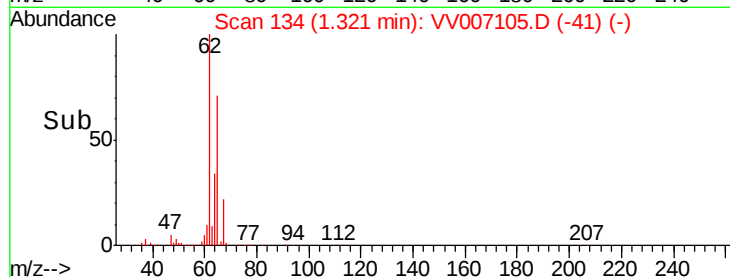
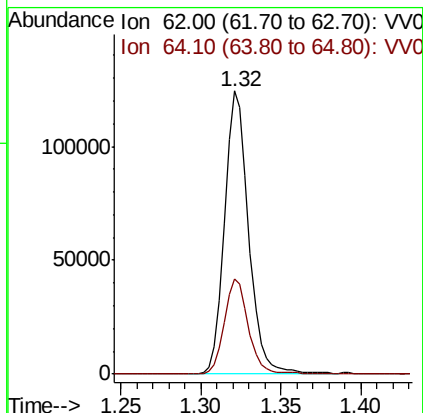
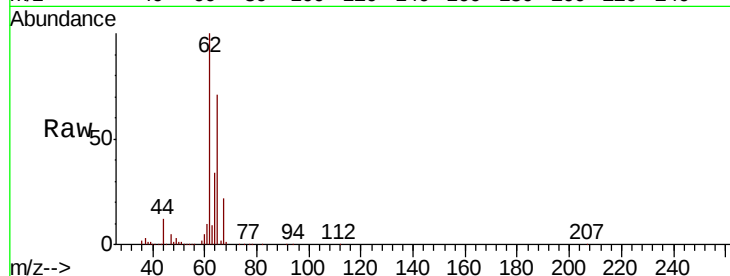
VICV74

Tgt Ion: 62 Resp: 128873

Ion Ratio Lower Upper

62 100

64 33.8 22.0 41.0



#6

Bromomethane

Concen: 4.959 ug/L

RT: 1.54 min Scan# 201

Delta R.T. 0.00 min

Lab File: VV007105.D

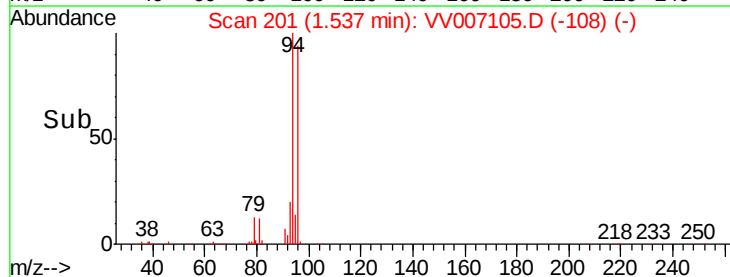
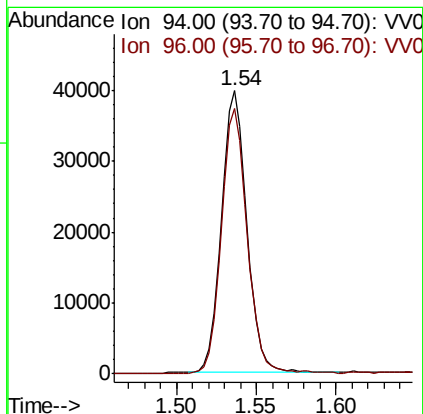
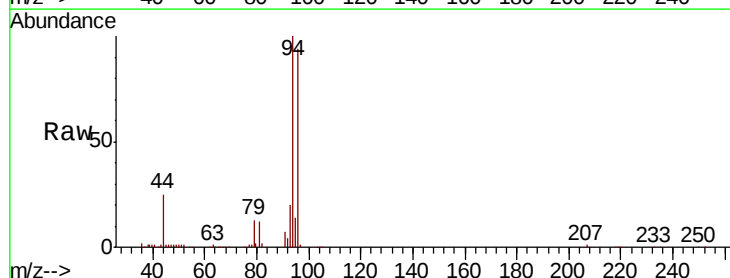
Acq: 21 Aug 2018 17:01

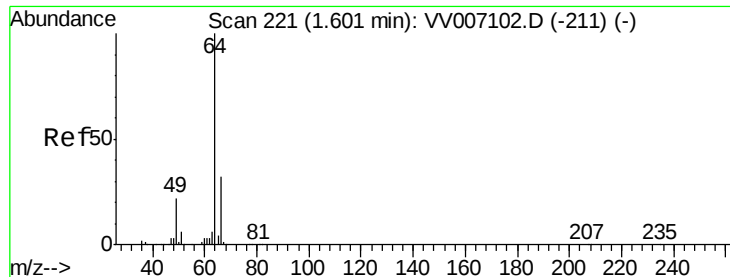
Tgt Ion: 94 Resp: 43375

Ion Ratio Lower Upper

94 100

96 93.9 65.5 121.6

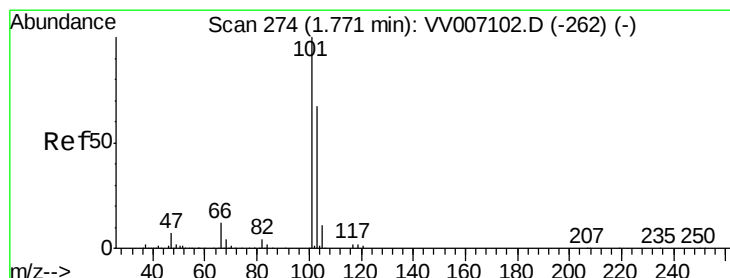
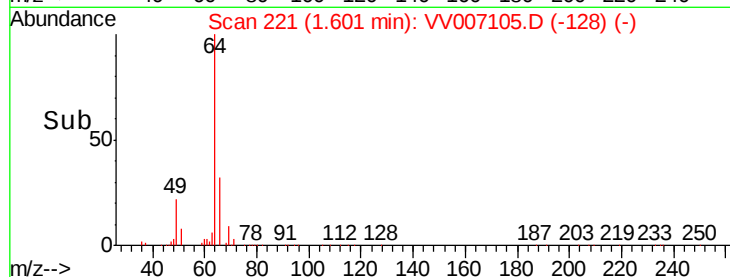
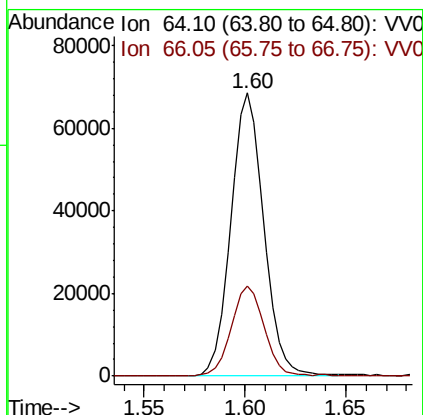
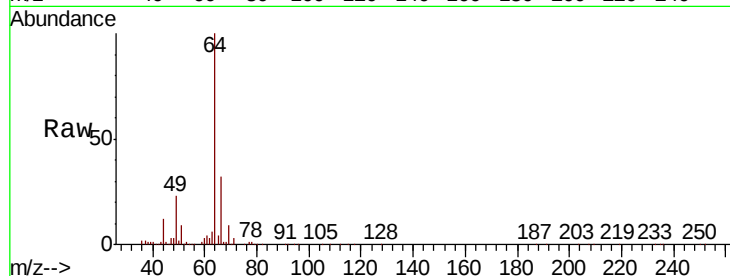




#8
Chloroethane
Concen: 4.758 ug/L
RT: 1.60 min Scan# 221
Delta R.T. 0.00 min
Lab File: VV007105.D
Acq: 21 Aug 2018 17:01

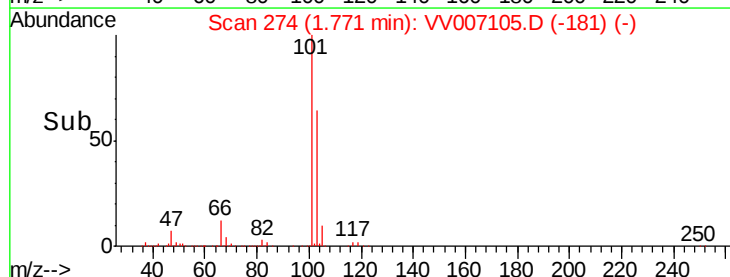
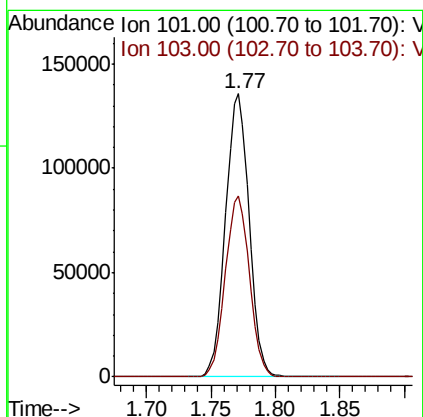
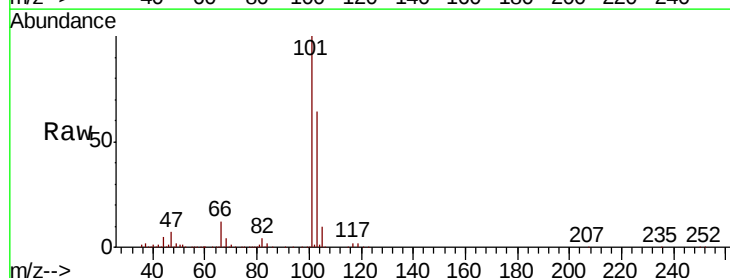
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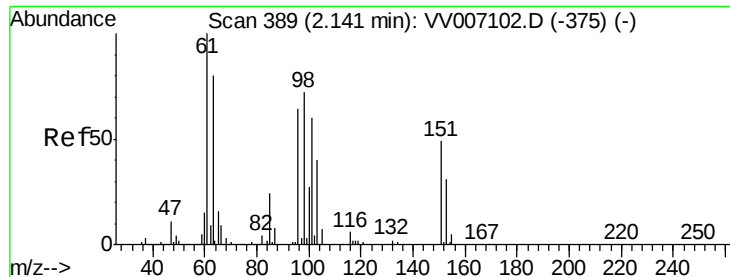
Tgt Ion: 64 Resp: 78014
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.820 ug/L
RT: 1.77 min Scan# 274
Delta R.T. 0.00 min
Lab File: VV007105.D
Acq: 21 Aug 2018 17:01

Tgt Ion: 101 Resp: 172786
Ion Ratio Lower Upper
101 100
103 65.4 53.0 79.4





#10

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

Concen: 4.800 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampleId :

VICV74

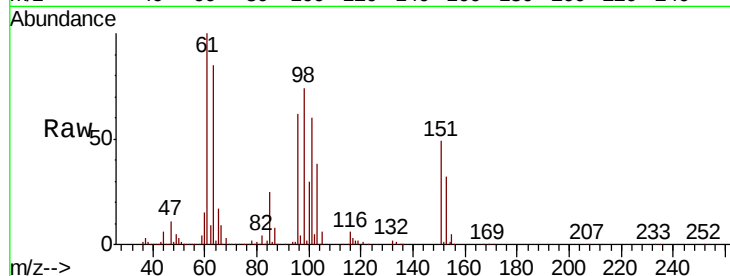
Tgt Ion:101 Resp: 107572

Ion Ratio Lower Upper

101 100

85 40.6 31.9 47.9

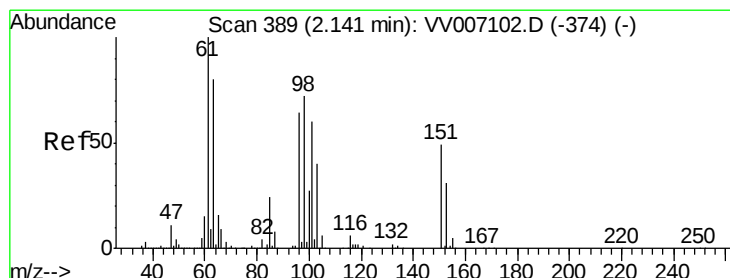
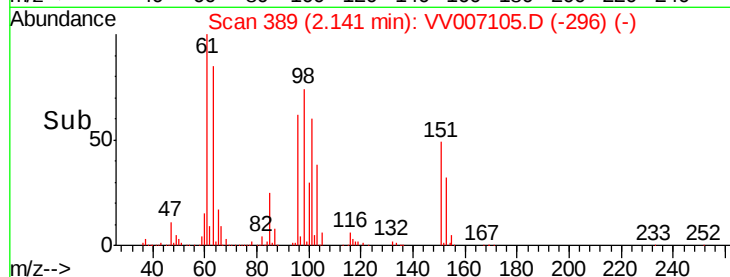
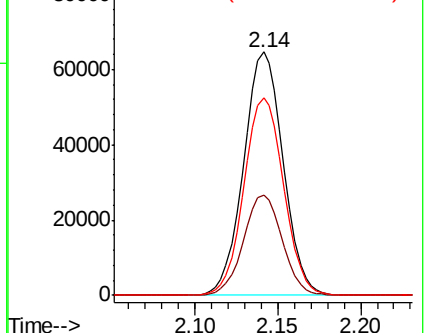
151 81.6 64.2 96.4



Abundance Ion 101.00 (100.70 to 101.70): VV007105.D (-296) (-)

Ion 85.00 (84.70 to 85.70): VV007105.D (-296) (-)

Ion 151.00 (150.70 to 151.70): VV007105.D (-296) (-)



#12

1,1-Dichloroethene

Concen: 4.692 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

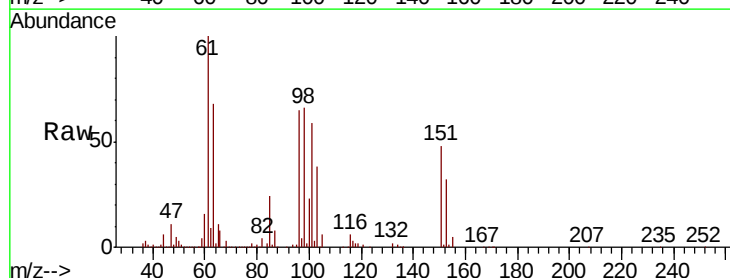
Tgt Ion: 96 Resp: 98479

Ion Ratio Lower Upper

96 100

61 154.9 108.7 201.9

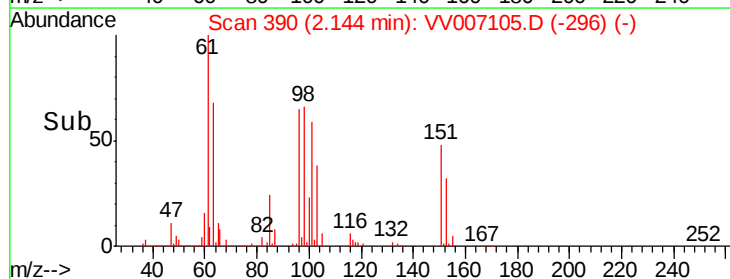
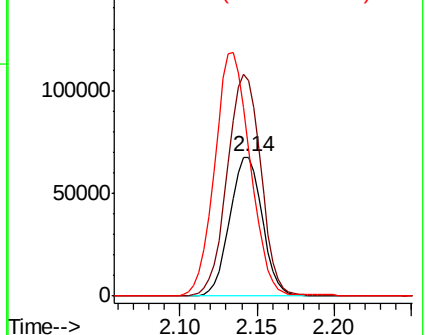
63 105.2 87.4 162.4

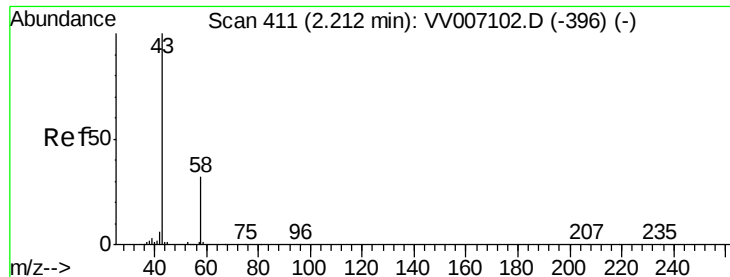


Abundance Ion 96.00 (95.70 to 96.70): VV007105.D (-296) (-)

Ion 61.05 (60.75 to 61.75): VV007105.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VV007105.D (-296) (-)





#13

Acetone

Concen: 52.646 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

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ClientSampleId :

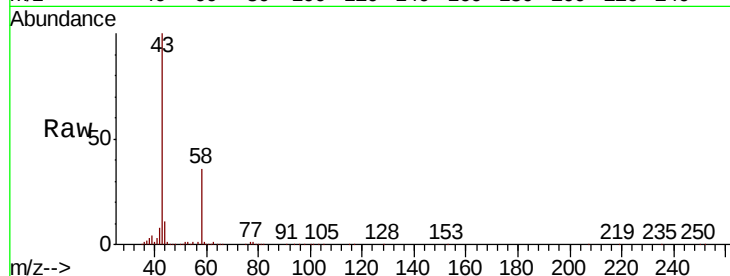
VICV74

Tgt Ion: 43 Resp: 149820

Ion Ratio Lower Upper

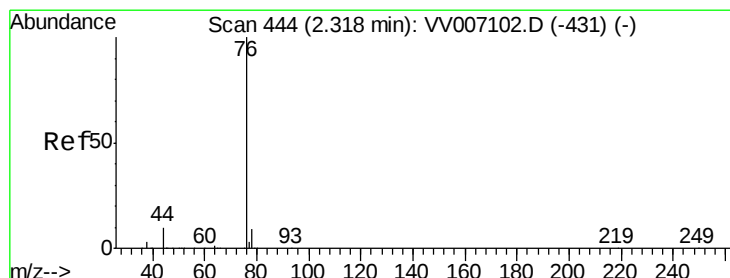
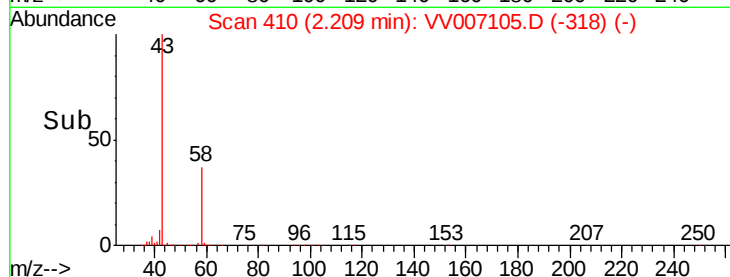
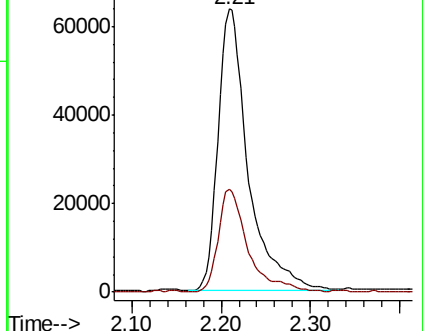
43 100

58 35.3 0.0 82.2



Abundance Ion 43.05 (42.75 to 43.75): VV007102.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007102.D (-396) (-)



#14

Carbon disulfide

Concen: 4.918 ug/L

RT: 2.32 min Scan# 444

Delta R.T. 0.00 min

Lab File: VV007105.D

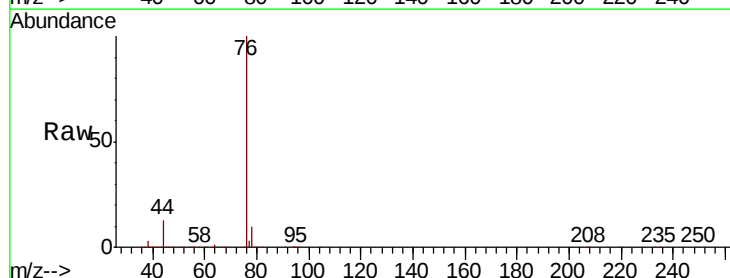
Acq: 21 Aug 2018 17:01

Tgt Ion: 76 Resp: 296750

Ion Ratio Lower Upper

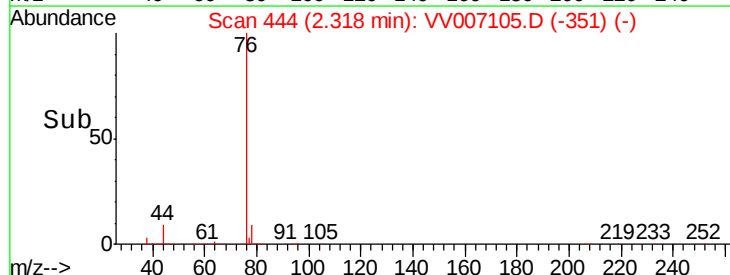
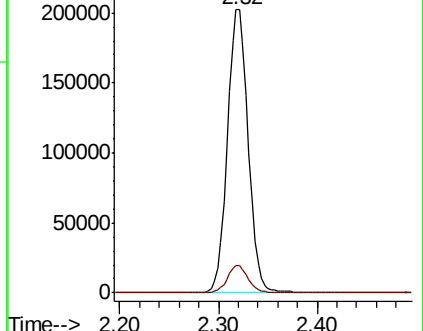
76 100

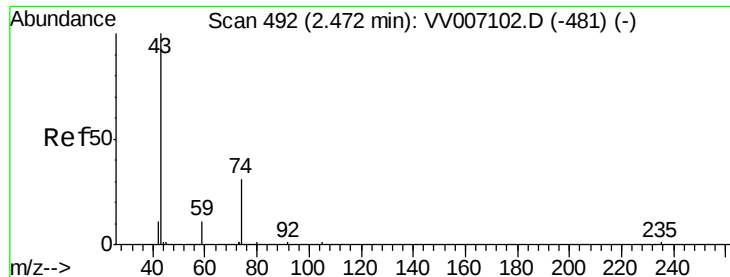
78 9.6 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VV007102.D (-431) (-)

Ion 78.00 (77.70 to 78.70): VV007102.D (-431) (-)





#15

Methyl Acetate

Concen: 5.142 ug/L

RT: 2.47 min Scan# 491

Delta R.T. -0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampleId :

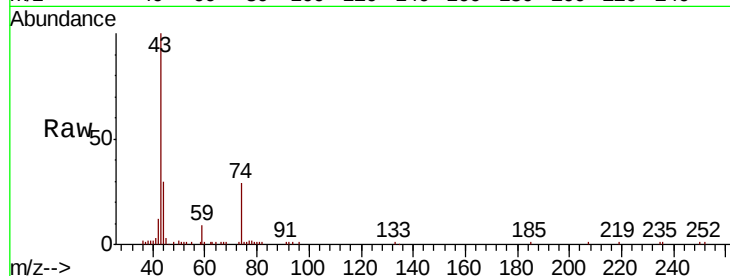
VICV74

Tgt Ion: 43 Resp: 37978

Ion Ratio Lower Upper

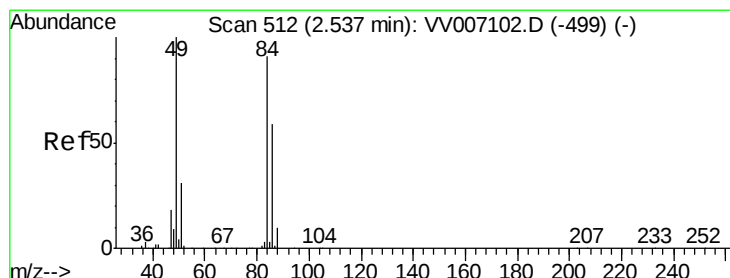
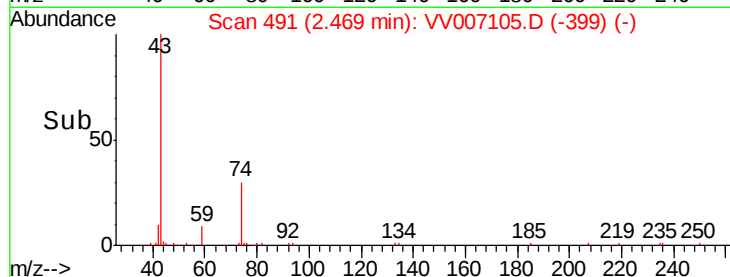
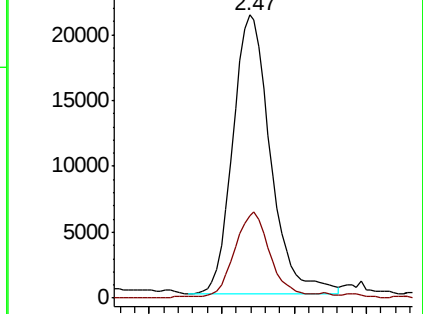
43 100

74 28.0 25.0 37.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 4.403 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

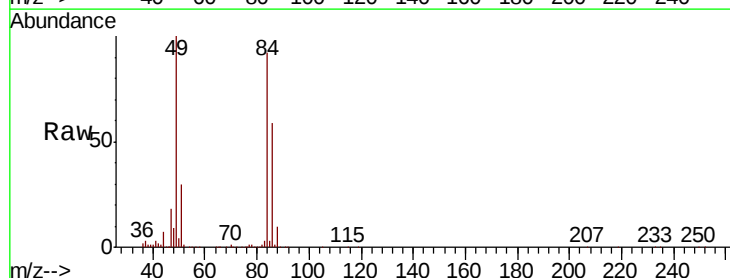
Tgt Ion: 84 Resp: 108204

Ion Ratio Lower Upper

84 100

86 64.0 44.9 83.5

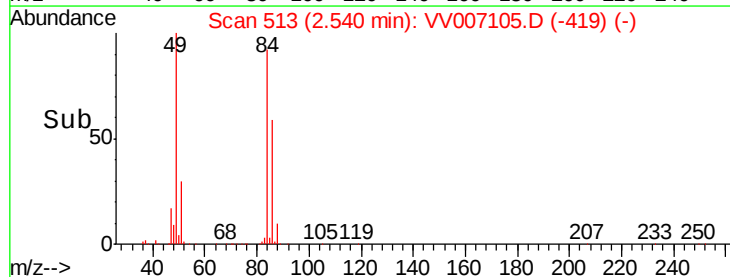
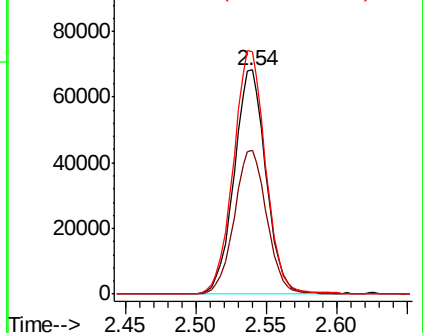
49 108.4 76.6 142.3

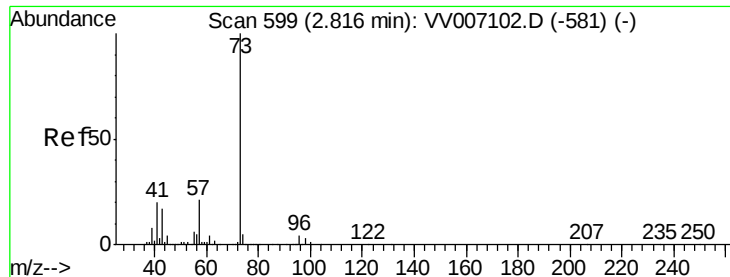


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#17

Methyl tert-butyl Ether

Concen: 4.836 ug/L

RT: 2.82 min Scan# 599

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampleId :

VICV74

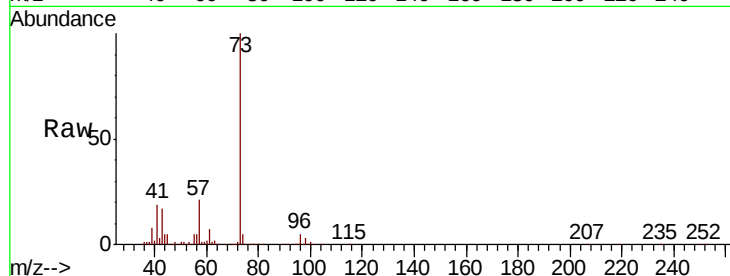
Tgt Ion: 73 Resp: 242542

Ion Ratio Lower Upper

73 100

43 17.2 14.0 21.0

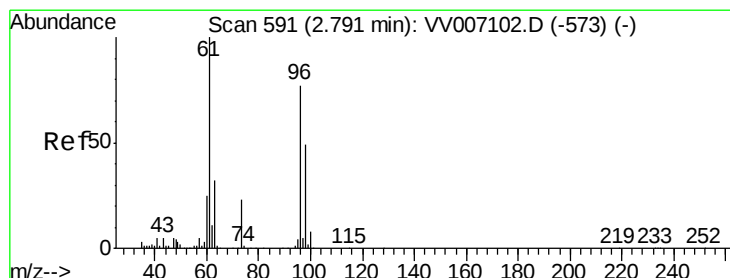
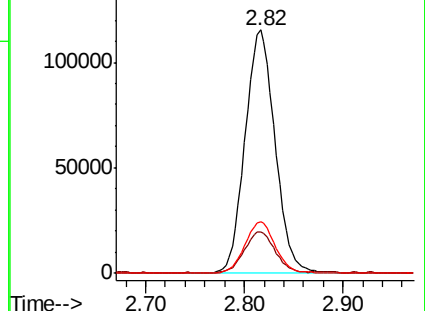
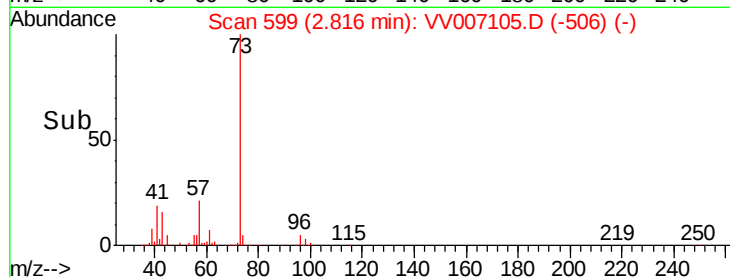
57 21.6 17.0 25.6



Abundance Ion 73.10 (72.80 to 73.80): VV007105.D (-581) (-)

Ion 43.05 (42.75 to 43.75): VV007105.D (-581) (-)

Ion 57.10 (56.80 to 57.80): VV007105.D (-581) (-)



#18

trans-1,2-Dichloroethene

Concen: 4.815 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

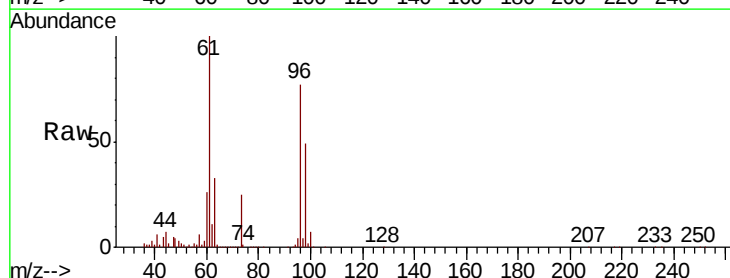
Tgt Ion: 96 Resp: 109475

Ion Ratio Lower Upper

96 100

61 129.7 91.4 169.8

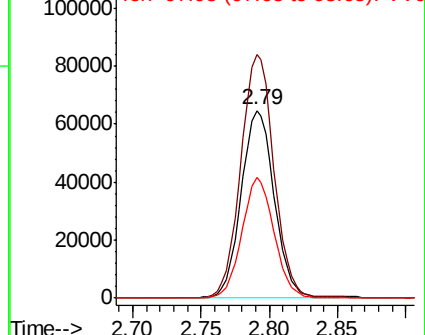
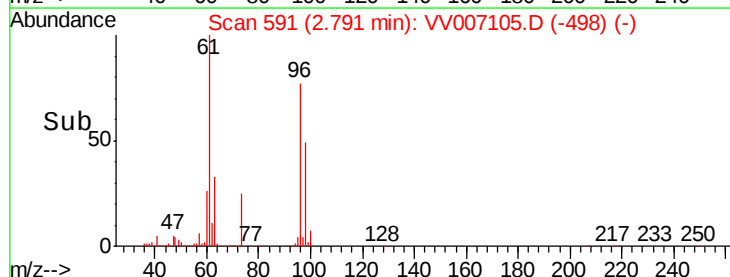
98 64.0 44.7 83.1

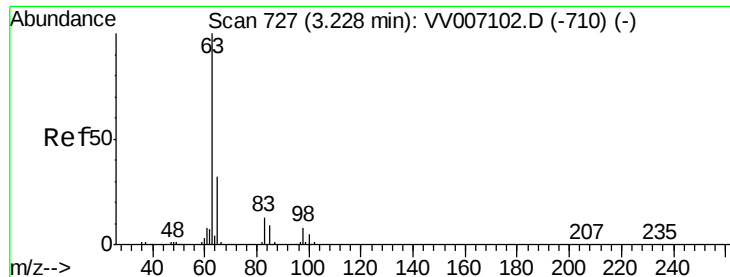


Abundance Ion 96.00 (95.70 to 96.70): VV007105.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV007105.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV007105.D (-498) (-)

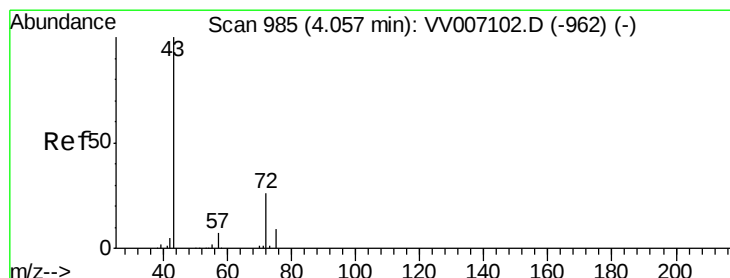
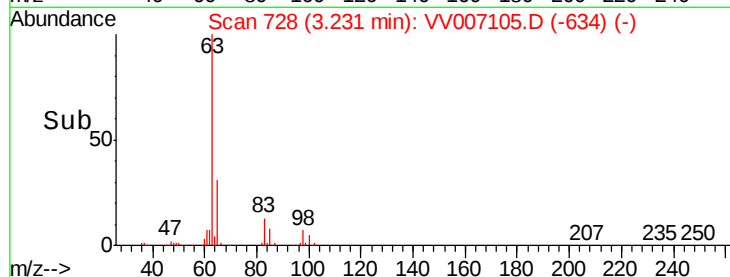
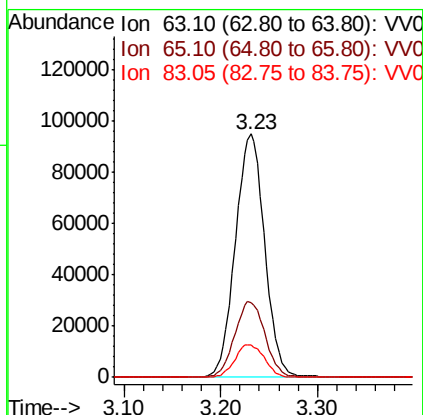
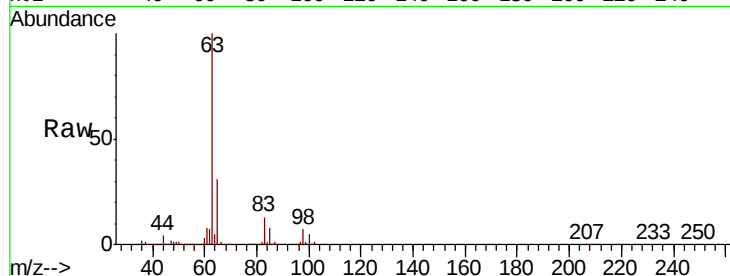




#19
 1,1-Dichloroethane
 Concen: 4.657 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

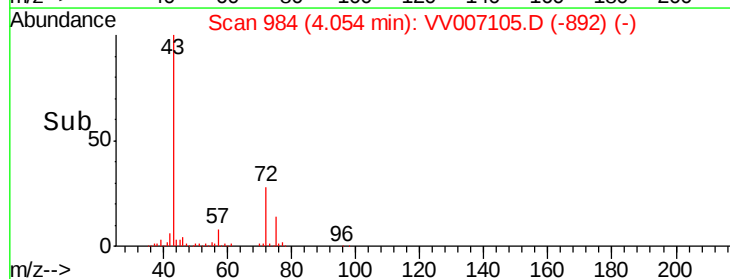
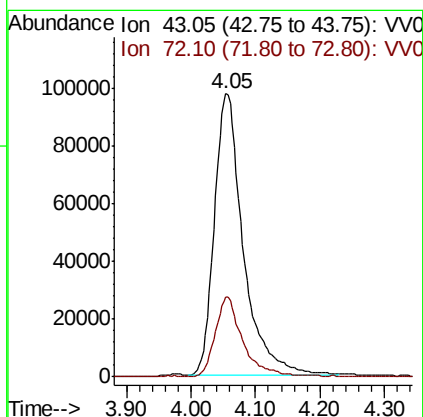
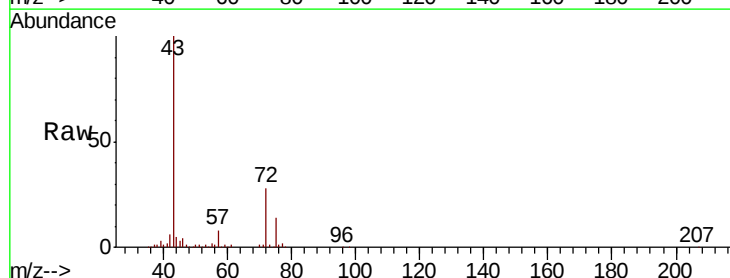
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

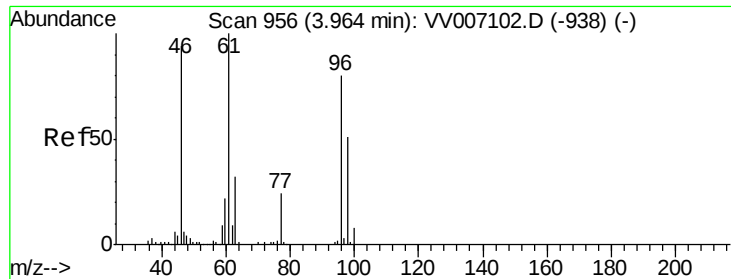
Tgt Ion: 63 Resp: 199972
 Ion Ratio Lower Upper
 63 100
 65 30.7 22.5 41.9
 83 13.2 8.8 16.3



#21
 2-Butanone
 Concen: 51.756 ug/L
 RT: 4.05 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Tgt Ion: 43 Resp: 303242
 Ion Ratio Lower Upper
 43 100
 72 26.8 11.5 34.5



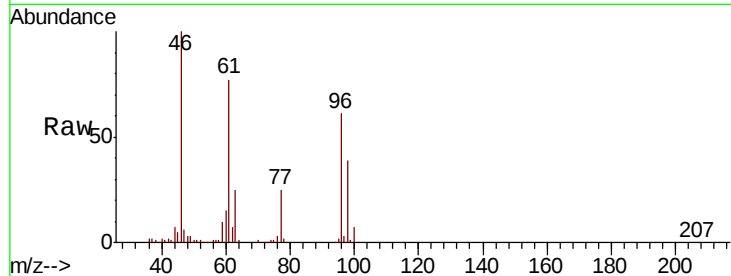


#22

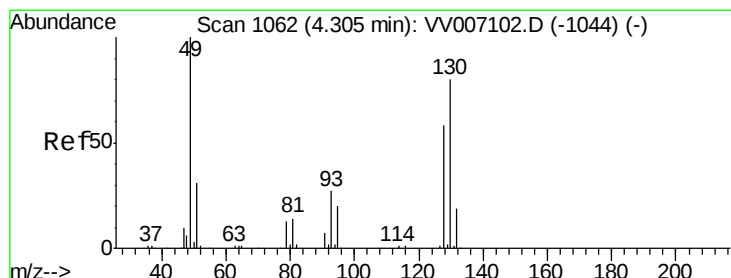
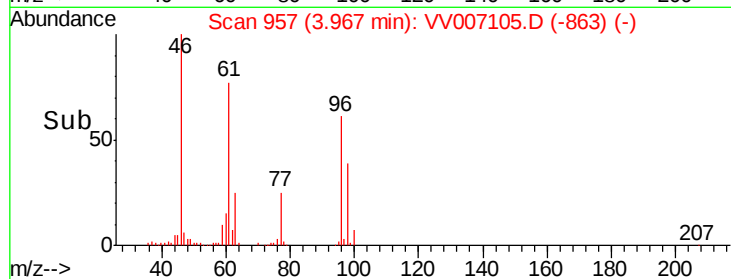
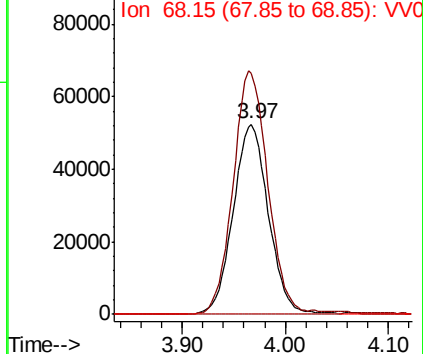
cis-1,2-Dichloroethene
Concen: 4.952 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV007105.D
Acq: 21 Aug 2018 17:01

Instrument :
MSVOA_V
ClientSampleId :
VICV74

Tgt Ion: 96 Resp: 124402
Ion Ratio Lower Upper
96 100
61 126.7 87.7 162.9
68 0.0 0.0 0.0



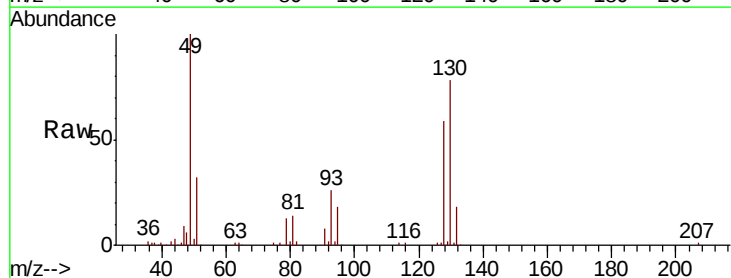
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



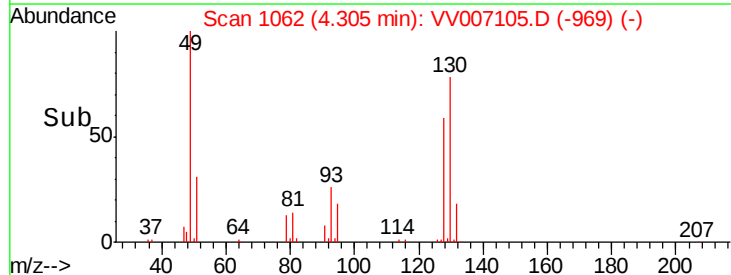
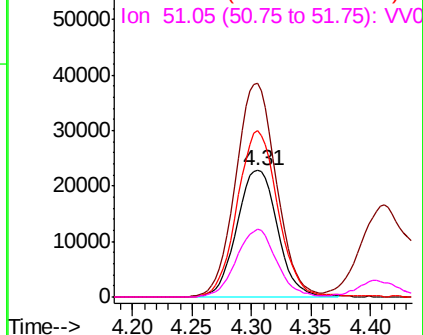
#23

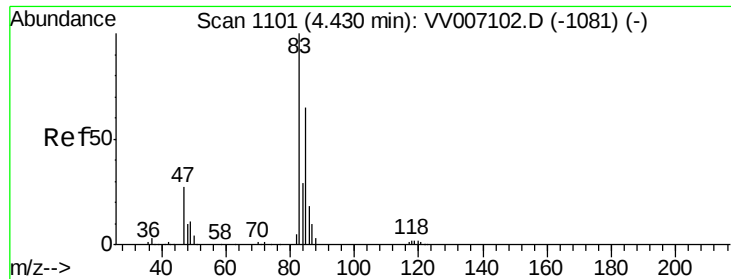
Bromochloromethane
Concen: 4.733 ug/L
RT: 4.31 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VV007105.D
Acq: 21 Aug 2018 17:01

Tgt Ion: 128 Resp: 54272
Ion Ratio Lower Upper
128 100
49 169.2 120.0 222.8
130 131.6 96.0 178.4
51 53.6 42.6 63.8



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

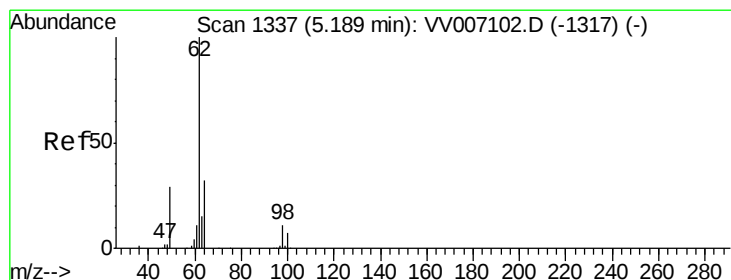
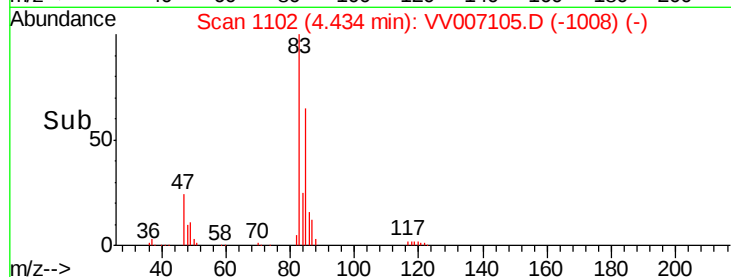
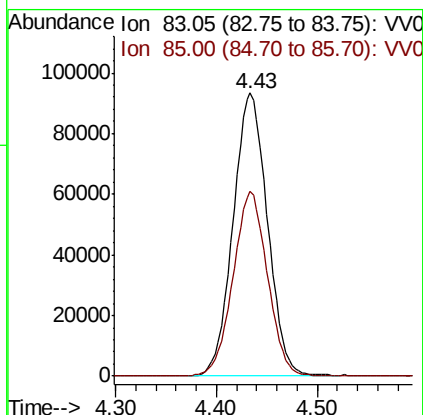
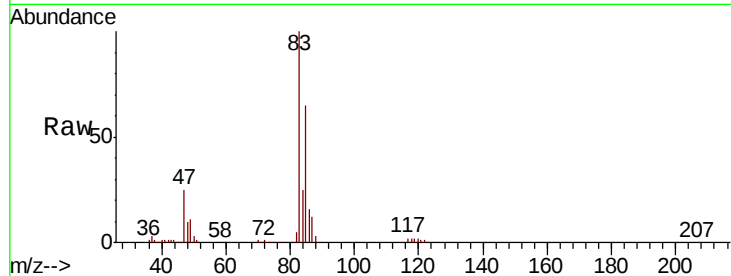




#25
Chloroform
Concen: 4.813 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV007105.D
Acq: 21 Aug 2018 17:01

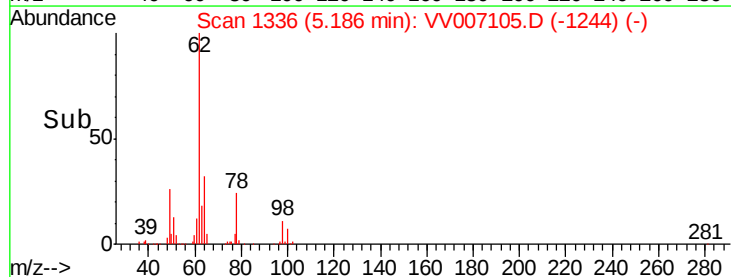
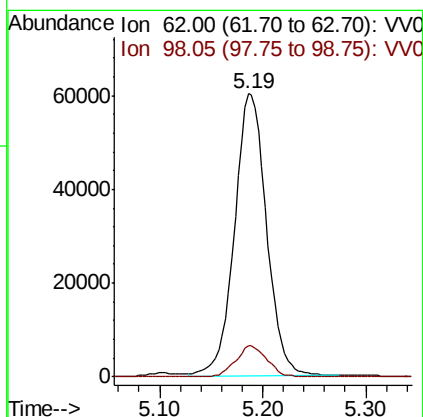
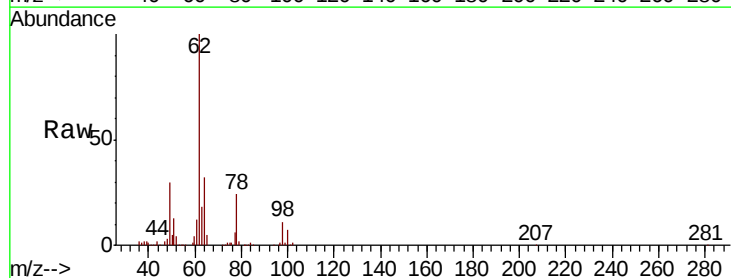
Instrument :
MSVOA_V
ClientSampled :
VICV74

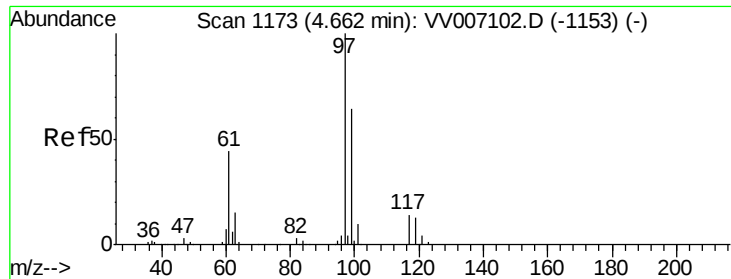
Tgt Ion: 83 Resp: 220520
Ion Ratio Lower Upper
83 100
85 65.2 45.5 84.5



#27
1,2-Dichloroethane
Concen: 5.012 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VV007105.D
Acq: 21 Aug 2018 17:01

Tgt Ion: 62 Resp: 130420
Ion Ratio Lower Upper
62 100
98 11.0 8.4 12.6

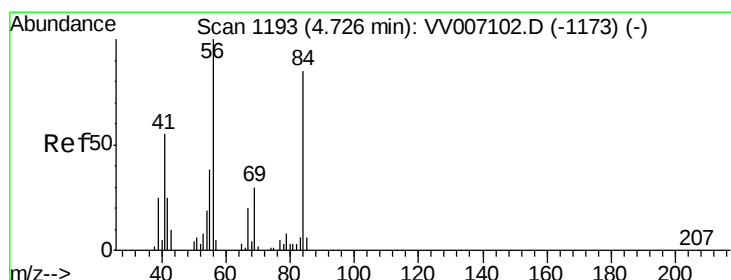
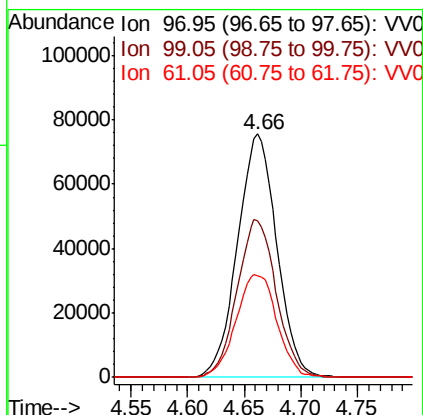
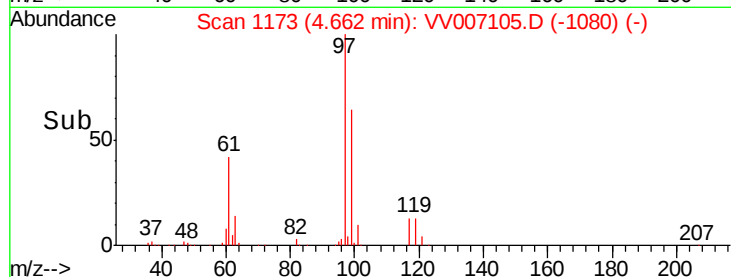
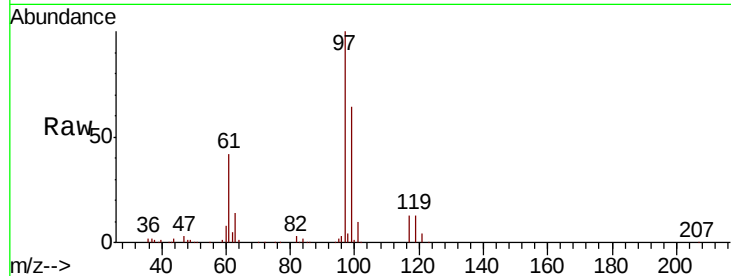




#29
 1,1,1-Trichloroethane
 Concen: 4.767 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

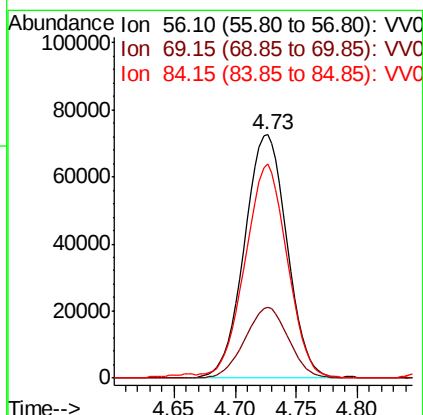
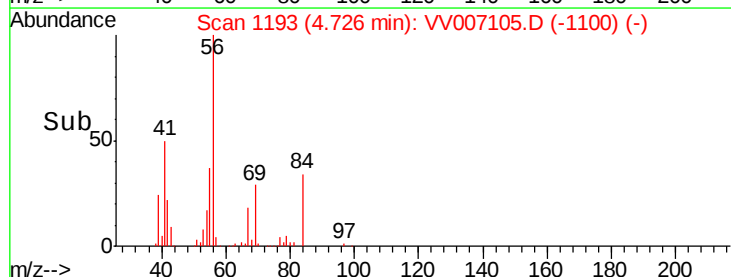
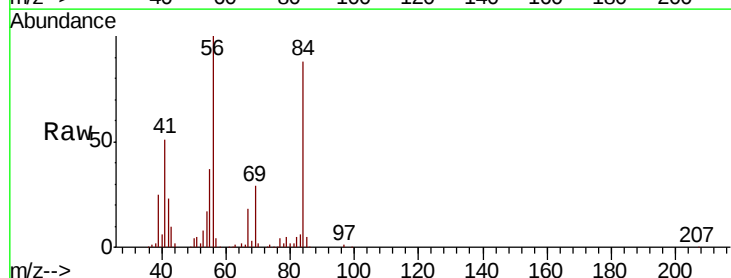
Instrument :
 MSVOA_V
 ClientSampled :
 VICV74

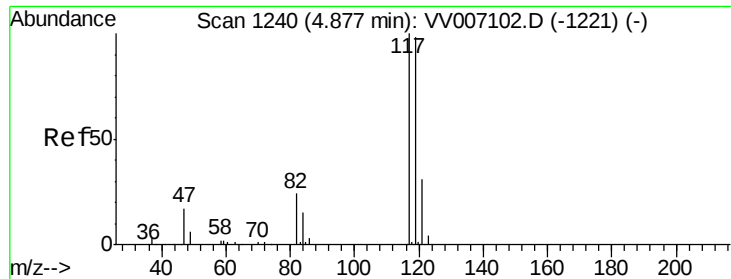
Tgt Ion: 97 Resp: 182711
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.3 76.9
 61 44.2 35.3 52.9



#30
 Cyclohexane
 Concen: 5.101 ug/L
 RT: 4.73 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Tgt Ion: 56 Resp: 175385
 Ion Ratio Lower Upper
 56 100
 69 29.7 24.3 36.5
 84 87.5 69.8 104.6

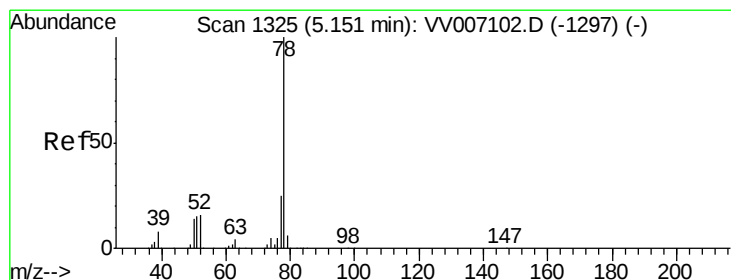
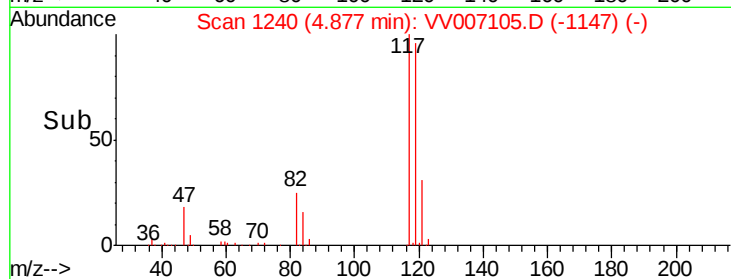
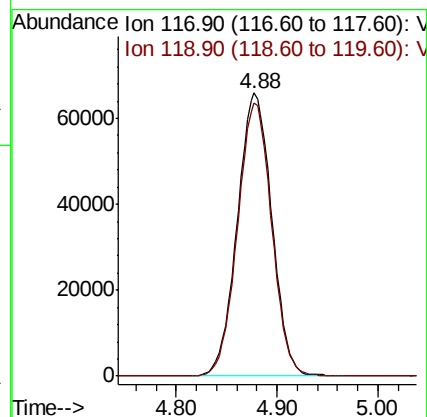
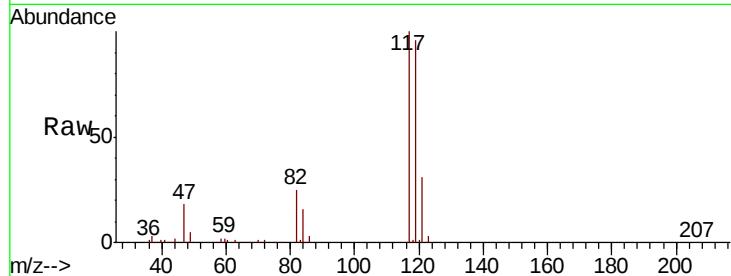




#31
Carbon tetrachloride
Concen: 4.854 ug/L
RT: 4.88 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VV007105.D
Acq: 21 Aug 2018 17:01

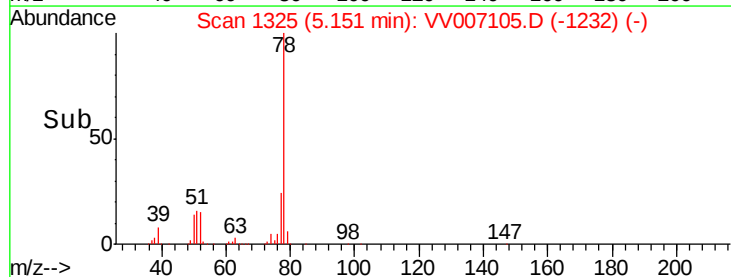
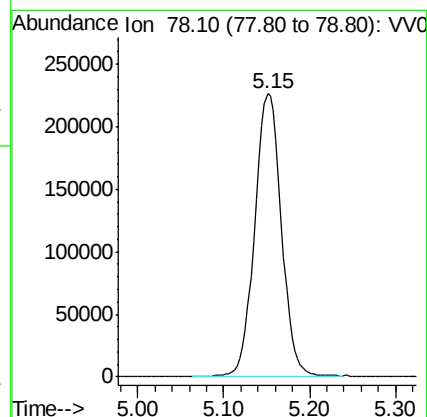
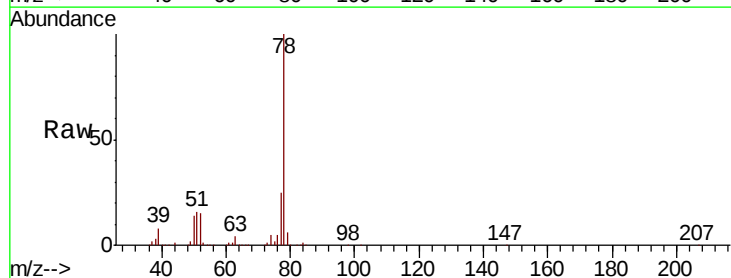
Instrument :
MSVOA_V
ClientSampleId :
VICV74

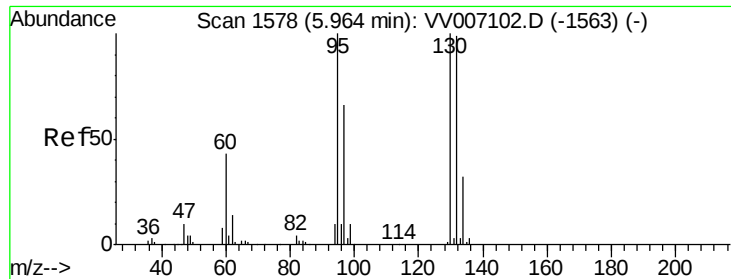
Tgt Ion:117 Resp: 155892
Ion Ratio Lower Upper
117 100
119 95.5 75.0 112.4



#33
Benzene
Concen: 5.043 ug/L
RT: 5.15 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VV007105.D
Acq: 21 Aug 2018 17:01

Tgt Ion: 78 Resp: 491188

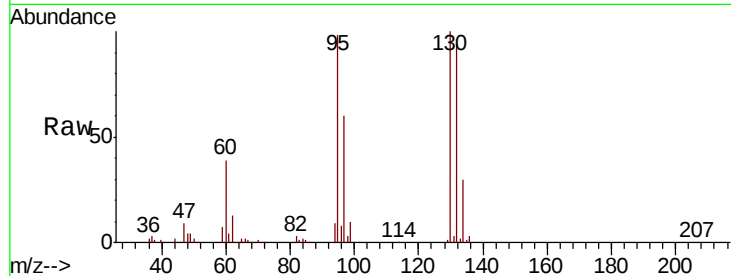




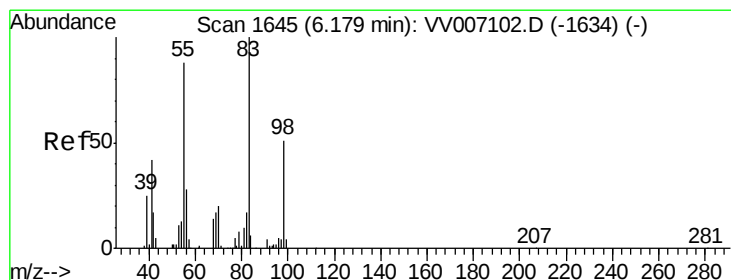
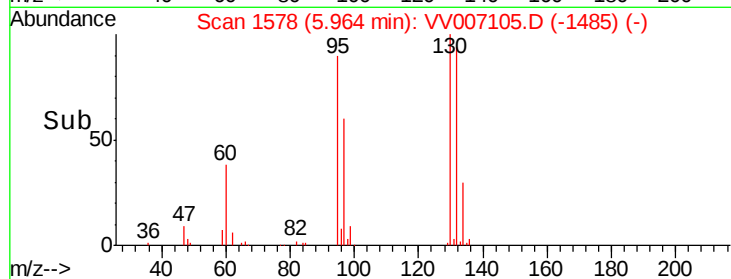
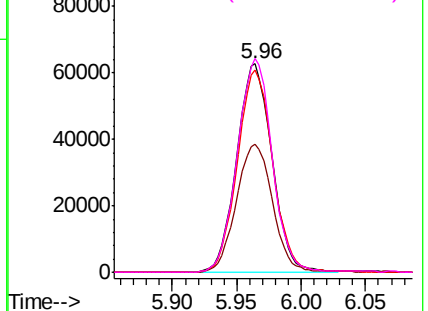
#34
 Trichloroethene
 Concen: 5.109 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

Tgt Ion:	95	Resp:	119777
Ion	Ratio	Lower	Upper
95	100		
97	61.2	46.0	85.4
132	96.9	69.2	128.4
130	102.5	69.7	129.4

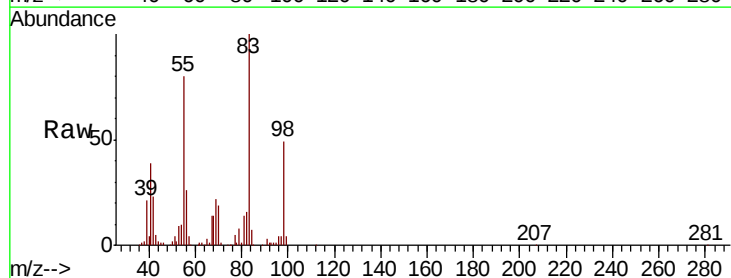


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

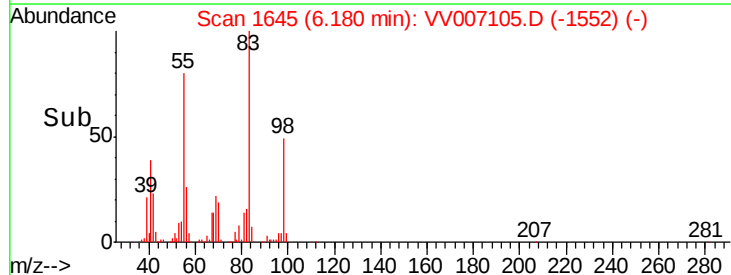
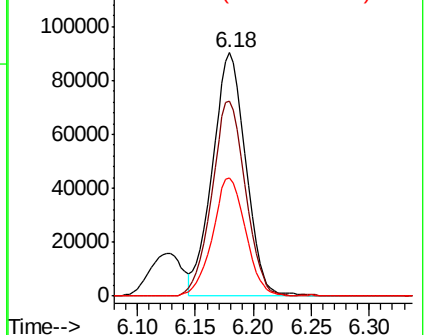


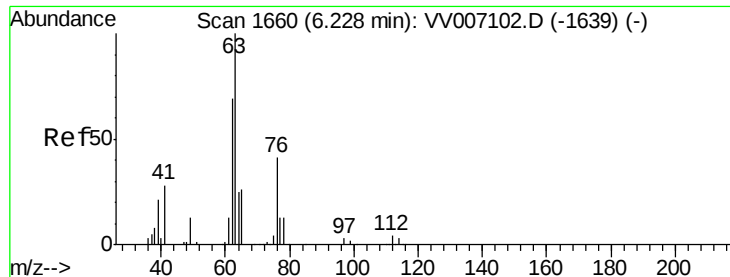
#35
 Methylcyclohexane
 Concen: 5.143 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Tgt Ion:	83	Resp:	180365
Ion	Ratio	Lower	Upper
83	100		
55	80.8	65.5	98.3
98	48.3	38.5	57.7



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0

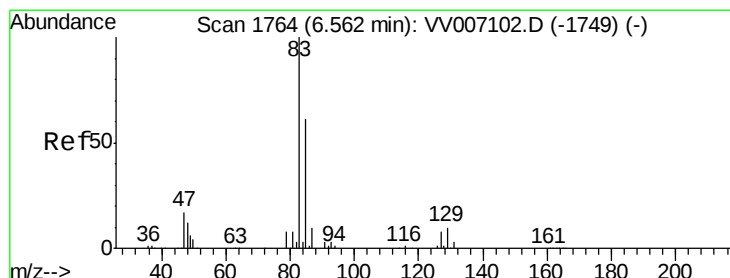
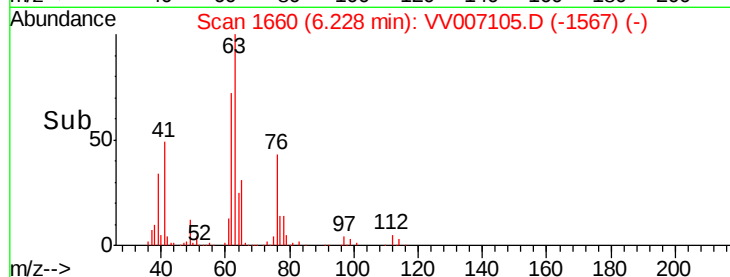
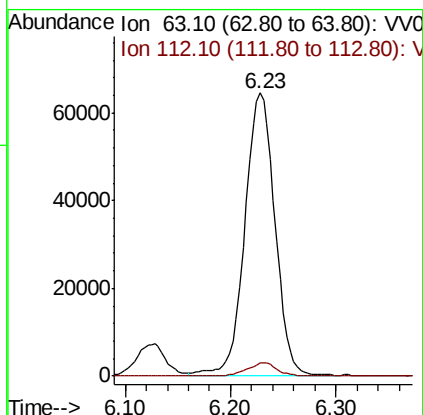
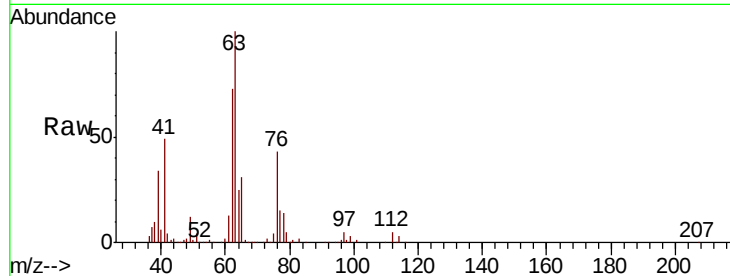




#37
 1,2-Dichloropropane
 Concen: 4.868 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

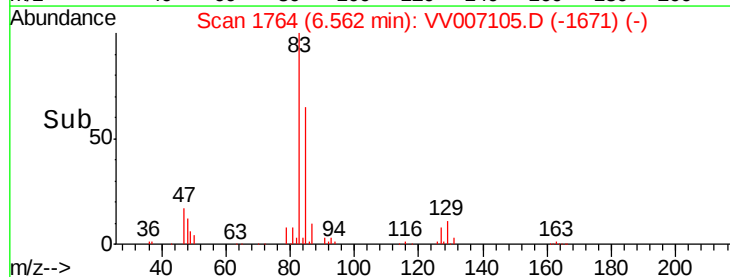
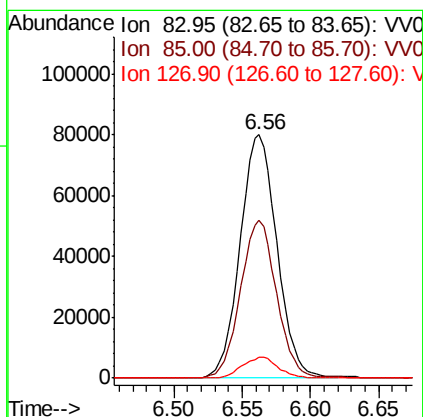
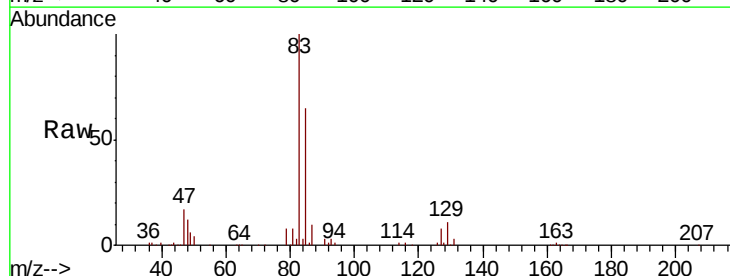
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

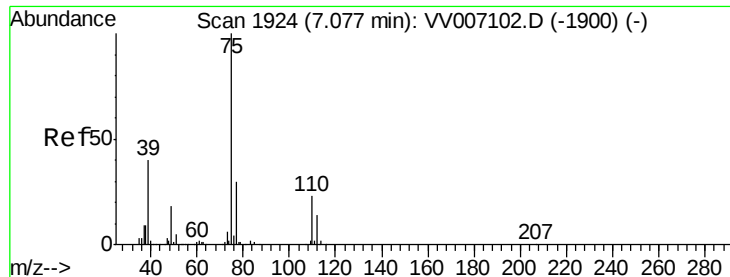
Tgt Ion: 63 Resp: 128037
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.8 5.8



#38
 Bromodichloromethane
 Concen: 4.904 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Tgt Ion: 83 Resp: 149840
 Ion Ratio Lower Upper
 83 100
 85 64.9 42.8 79.4
 127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.176 ug/L

RT: 7.08 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampled :

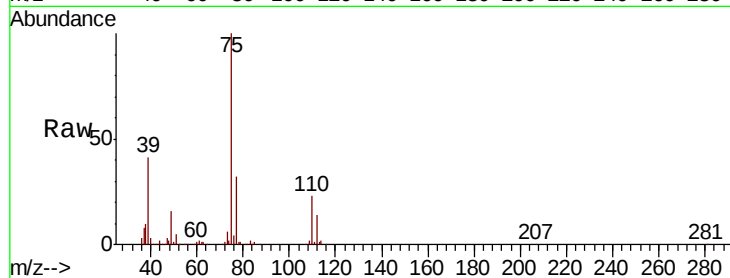
VICV74

Tgt Ion: 75 Resp: 160892

Ion Ratio Lower Upper

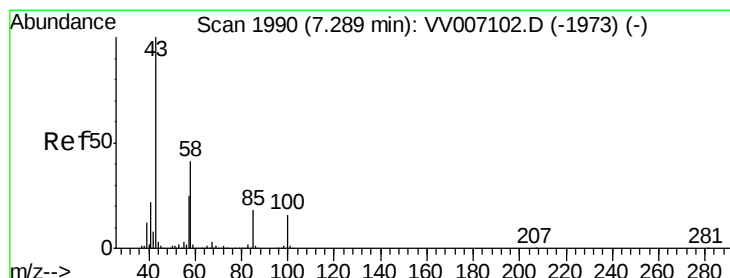
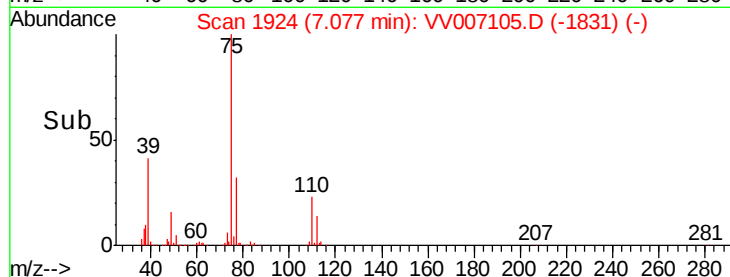
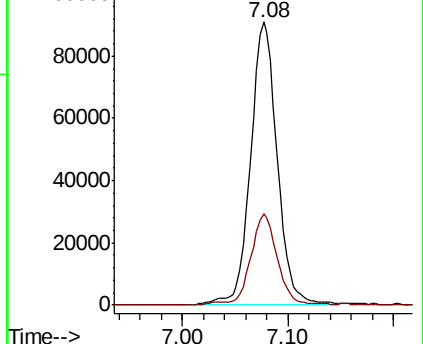
75 100

77 32.2 21.5 39.9



Abundance Ion 75.05 (74.75 to 75.75): VV007105.D (-1831) (-)

Ion 77.05 (76.75 to 77.75): VV007105.D (-1831) (-)



#40

4-Methyl-2-pentanone

Concen: 53.167 ug/L

RT: 7.29 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

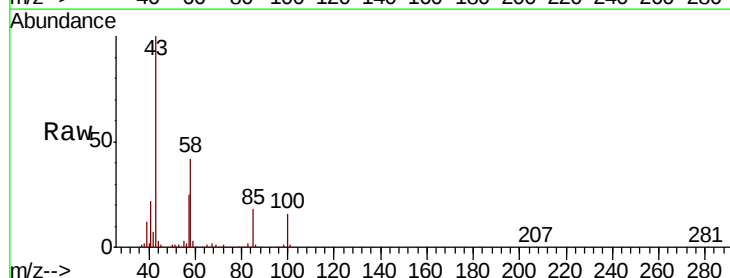
Tgt Ion: 43 Resp: 680908

Ion Ratio Lower Upper

43 100

58 40.4 32.2 48.4

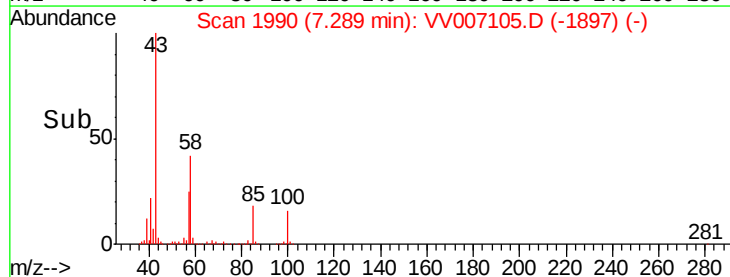
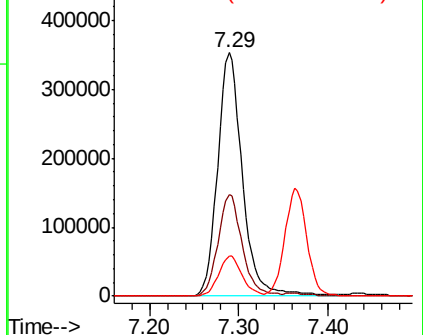
100 15.5 12.3 18.5

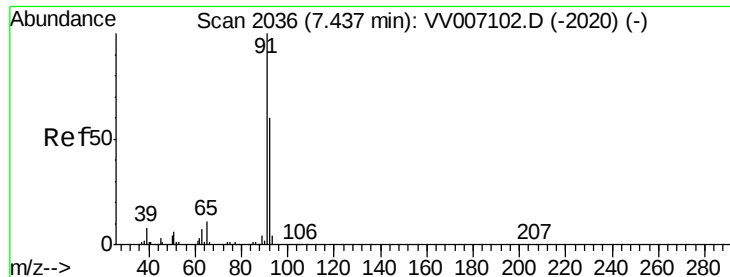


Abundance Ion 43.05 (42.75 to 43.75): VV007105.D (-1897) (-)

Ion 58.05 (57.75 to 58.75): VV007105.D (-1897) (-)

Ion 100.15 (99.85 to 100.85): VV007105.D (-1897) (-)





#42

Toluene

Concen: 5.314 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampleId :

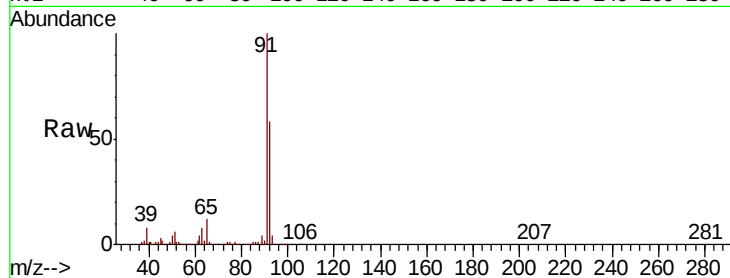
VICV74

Tgt Ion: 91 Resp: 495379

Ion Ratio Lower Upper

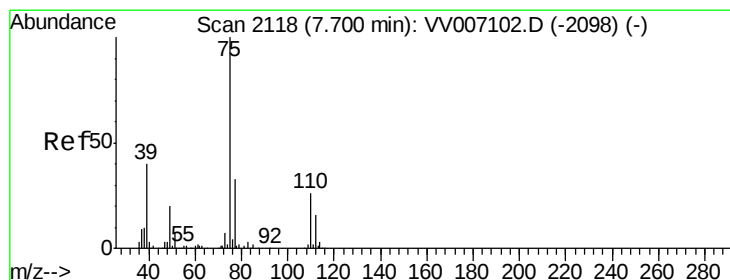
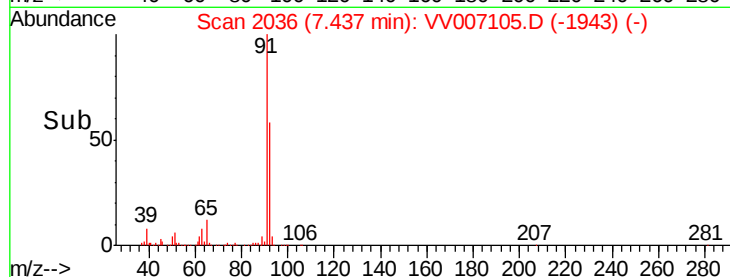
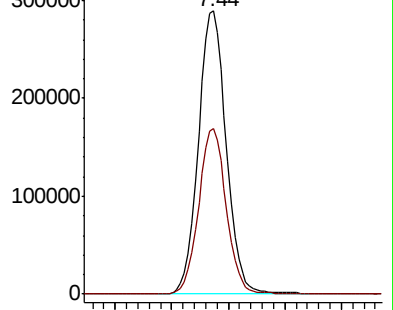
91 100

92 58.4 41.8 77.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 5.240 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV007105.D

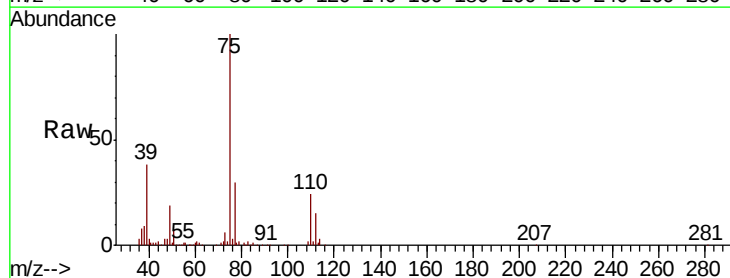
Acq: 21 Aug 2018 17:01

Tgt Ion: 75 Resp: 135357

Ion Ratio Lower Upper

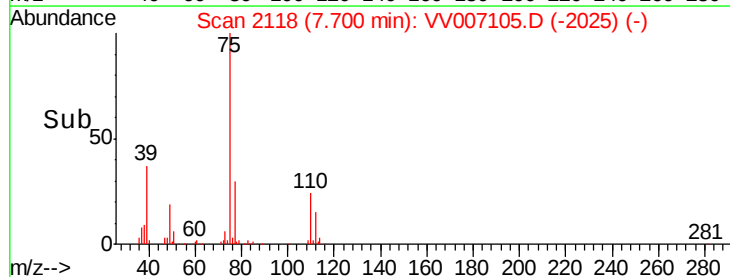
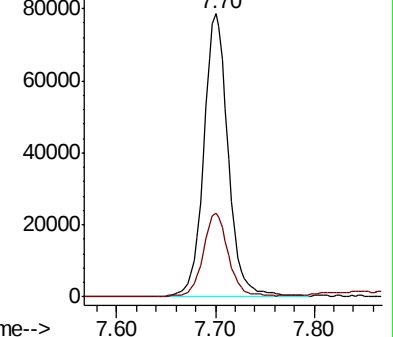
75 100

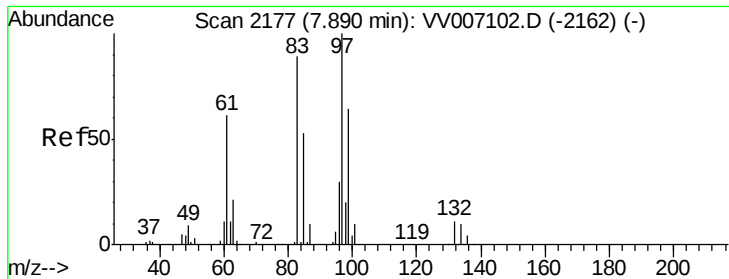
77 29.7 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#45

1,1,2-Trichloroethane

Concen: 4.828 ug/L

RT: 7.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampleId :

VICV74

Tgt Ion: 97 Resp: 85190

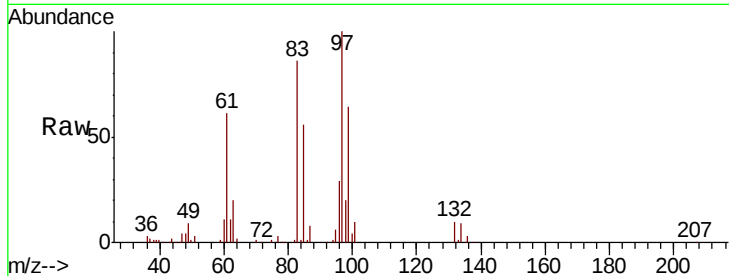
Ion Ratio Lower Upper

97 100

99 64.5 44.9 83.5

83 86.0 62.4 115.8

85 56.1 37.0 68.6



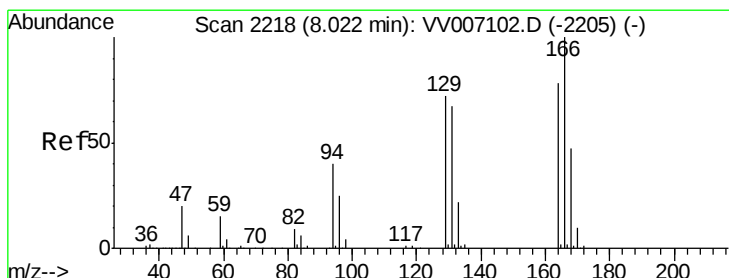
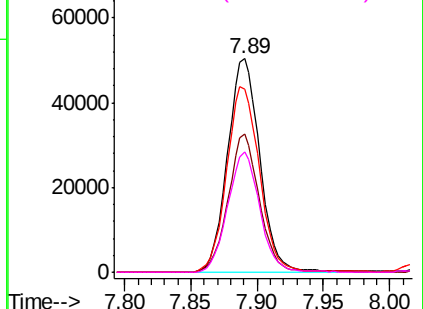
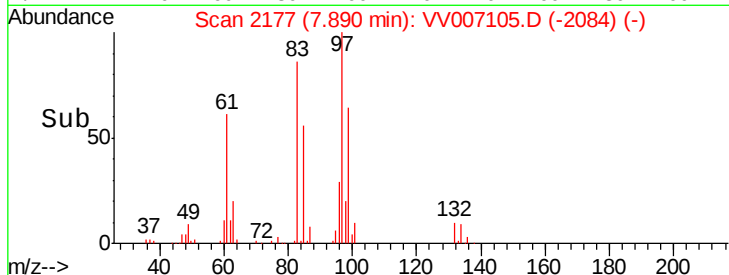
Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 5.044 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Tgt Ion: 164 Resp: 98754

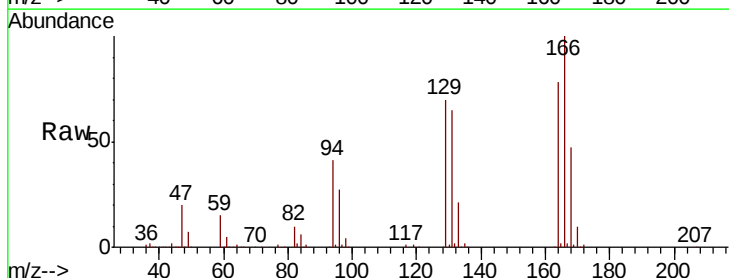
Ion Ratio Lower Upper

164 100

129 89.9 64.8 120.3

131 84.3 60.1 111.5

166 129.0 89.3 165.9



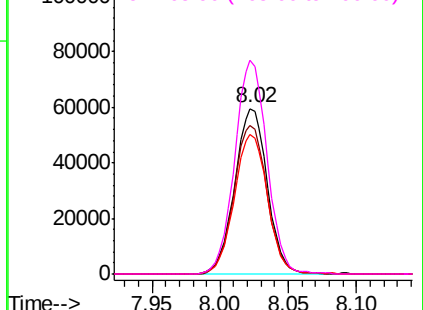
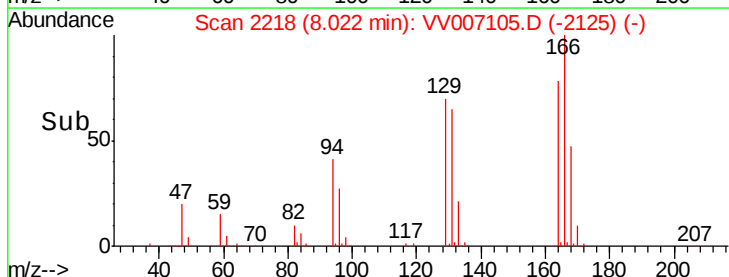
Abundance

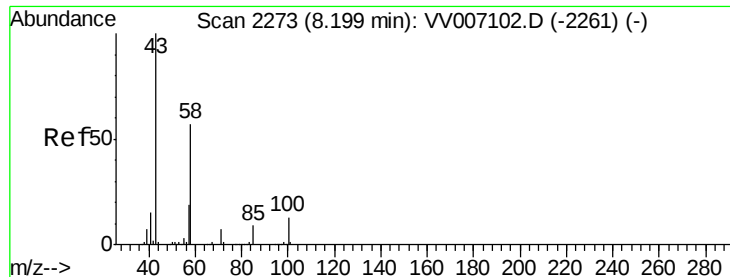
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

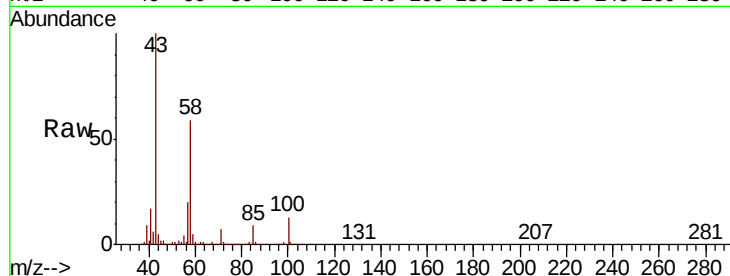




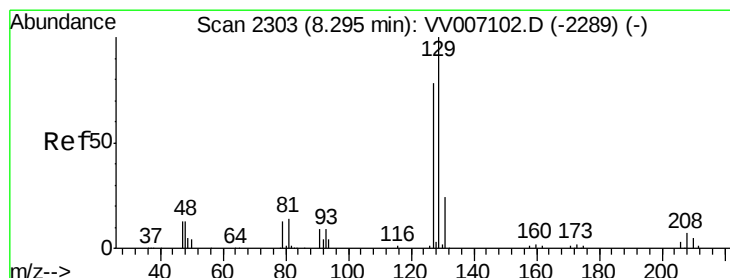
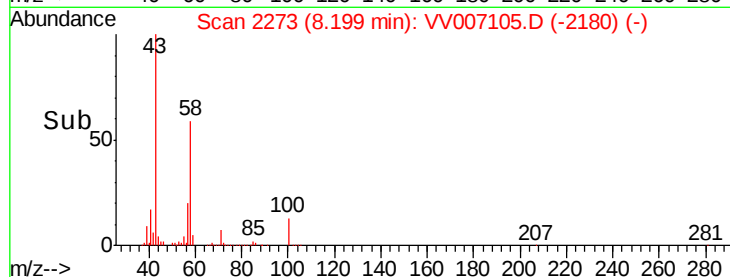
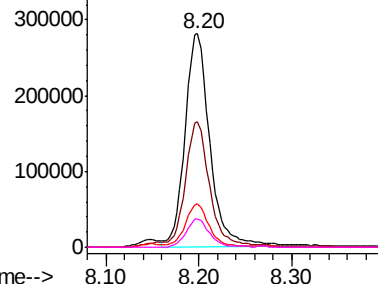
#48
2-Hexanone
Concen: 54.081 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007105.D
Acq: 21 Aug 2018 17:01

Instrument :
MSVOA_V
ClientSampled :
VICV74

Tgt Ion: 43 Resp: 520716
Ion Ratio Lower Upper
43 100
58 61.5 47.7 71.5
57 19.8 15.4 23.0
100 12.4 9.7 14.5

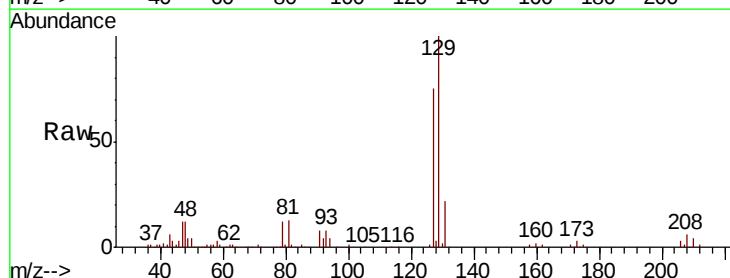


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

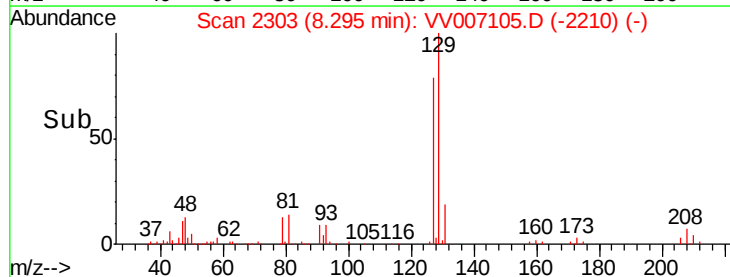
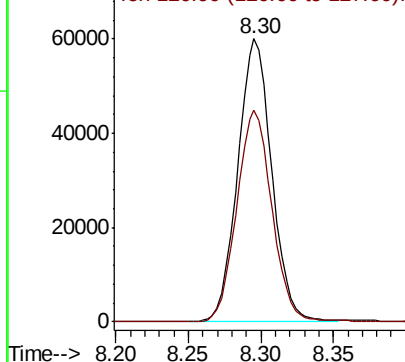


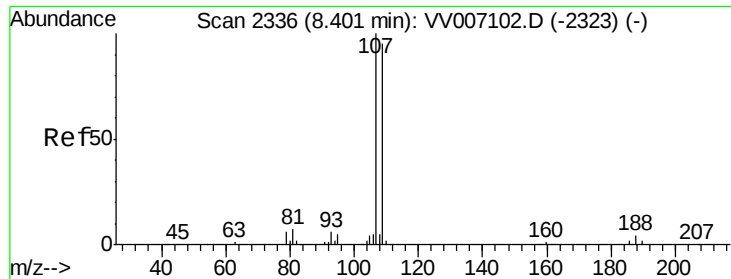
#49
Dibromochloromethane
Concen: 5.040 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VV007105.D
Acq: 21 Aug 2018 17:01

Tgt Ion: 129 Resp: 97932
Ion Ratio Lower Upper
129 100
127 74.6 54.8 101.8



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

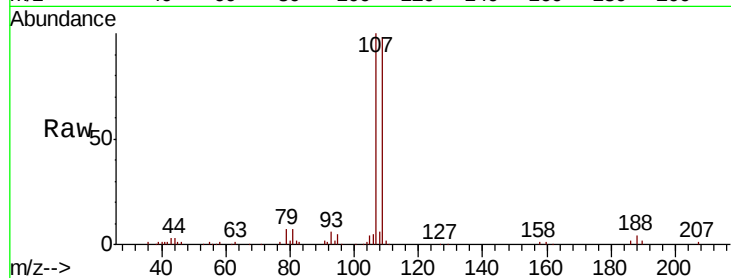




#50
 1,2-Dibromoethane
 Concen: 5.080 ug/L
 RT: 8.40 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Instrument :
 MSVOA_V
 ClientSampled :
 VICV74

Tgt Ion	Ratio	Lower	Upper
107	100		
109	98.2	66.8	124.2
188	3.7	2.9	4.3

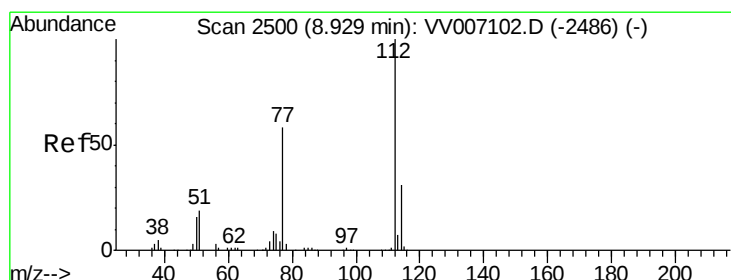
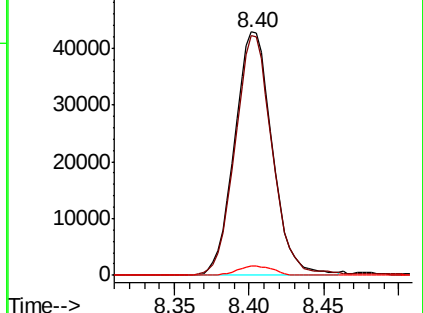
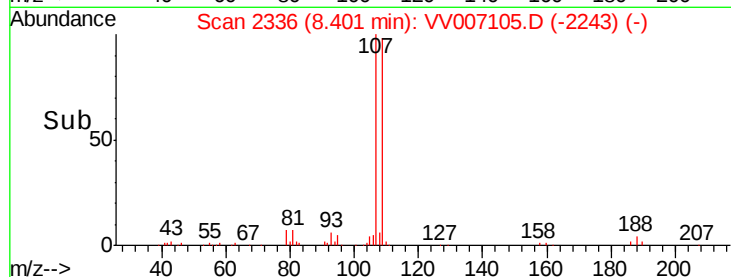


Abundance

Ion 106.95 (106.65 to 107.65): V

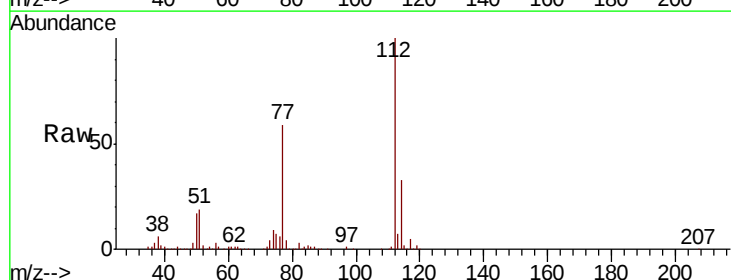
Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#51
 Chlorobenzene
 Concen: 5.033 ug/L
 RT: 8.93 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.9	21.9	40.7
77	58.9	46.9	70.3

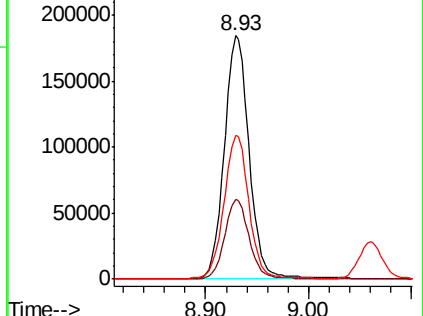
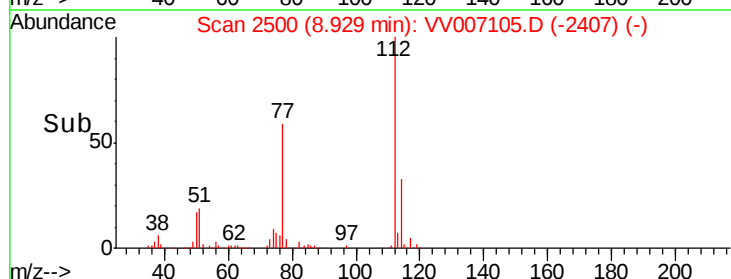


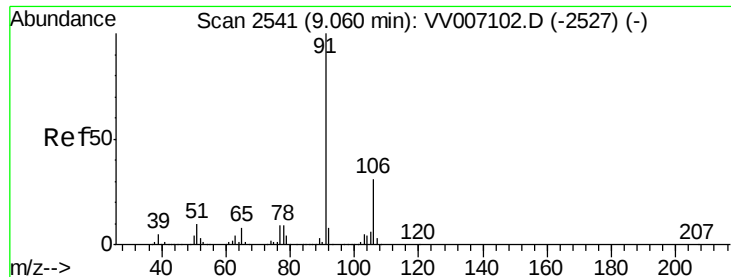
Abundance

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): VV0





#52

Ethylbenzene

Concen: 5.128 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampleId :

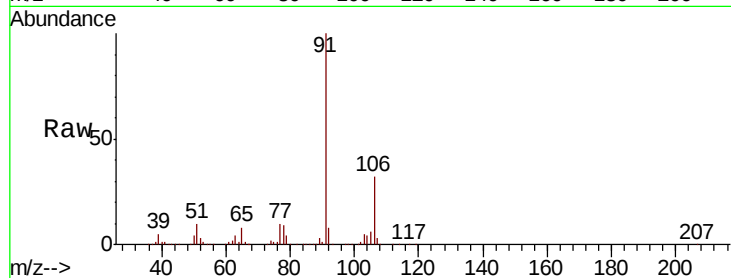
VICV74

Tgt Ion: 91 Resp: 470942

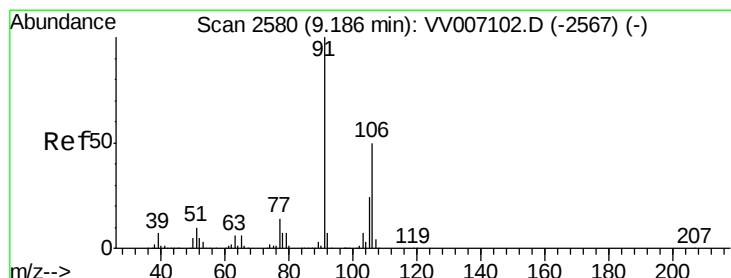
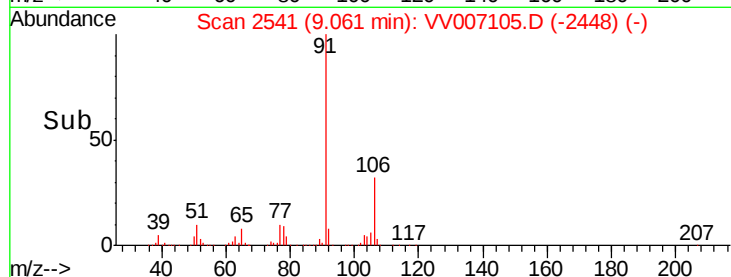
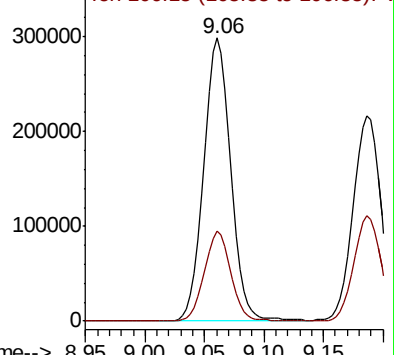
Ion Ratio Lower Upper

91 100

106 31.6 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VV007105.D (-2448) (-)



#53

m,p-xylene

Concen: 5.194 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV007105.D

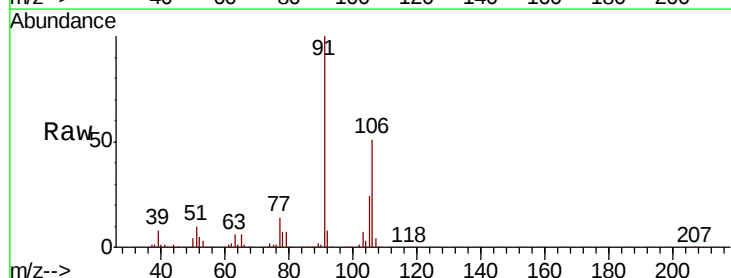
Acq: 21 Aug 2018 17:01

Tgt Ion: 106 Resp: 180640

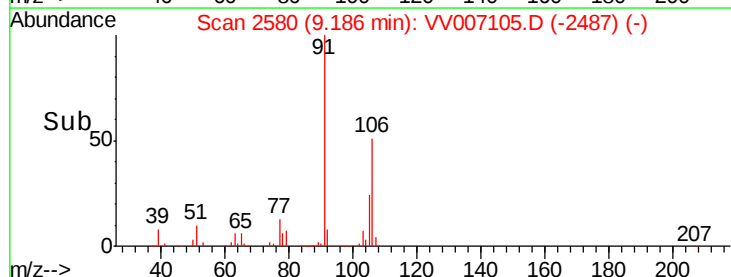
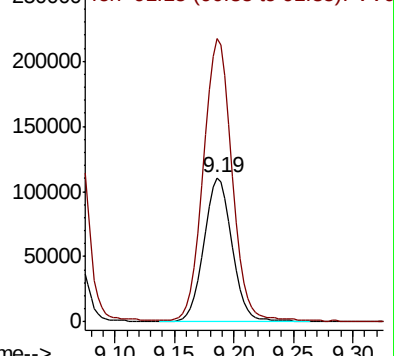
Ion Ratio Lower Upper

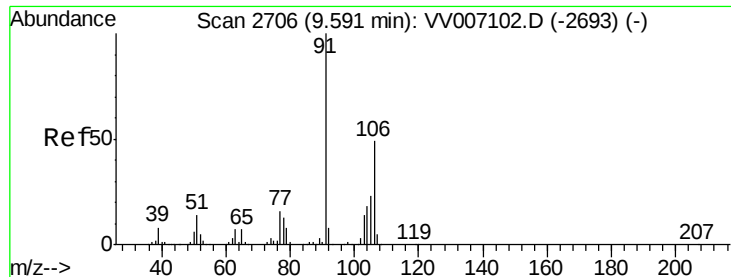
106 100

91 195.9 141.5 262.7



Abundance Ion 106.15 (105.85 to 106.85): VV007105.D (-2487) (-)





#54

o-xylene

Concen: 5.189 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampleId :

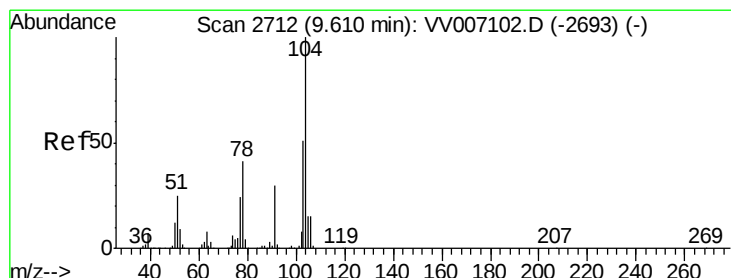
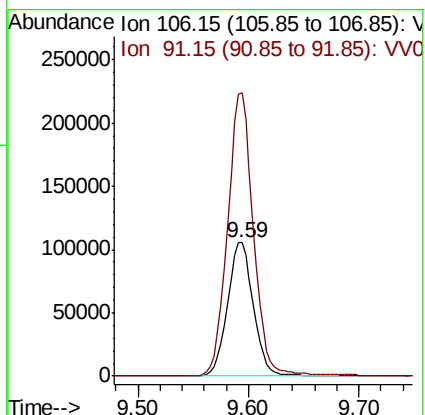
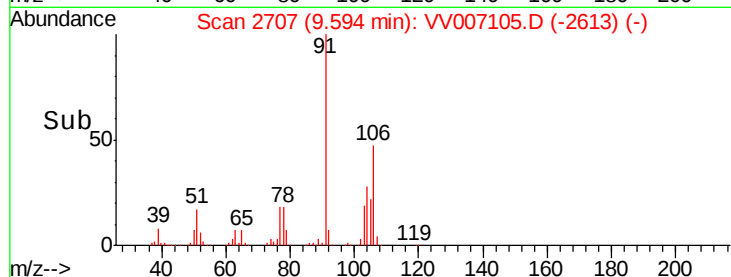
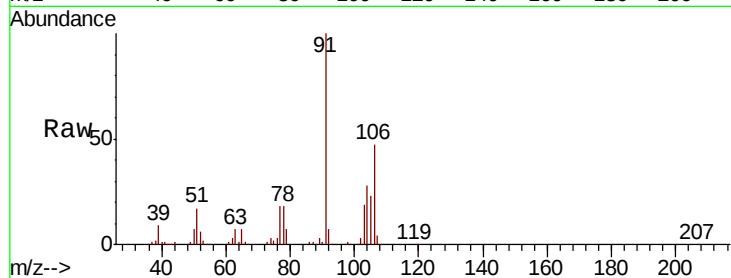
VICV74

Tgt Ion:106 Resp: 172124

Ion Ratio Lower Upper

106 100

91 212.2 144.2 267.8



#55

Styrene

Concen: 5.309 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV007105.D

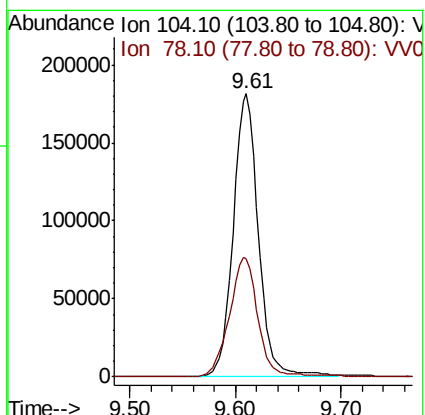
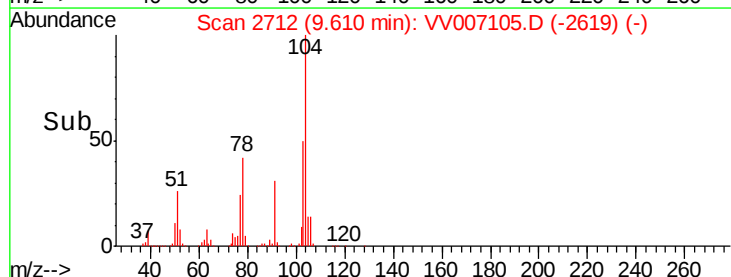
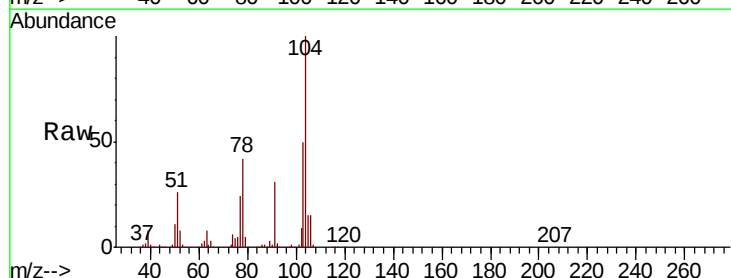
Acq: 21 Aug 2018 17:01

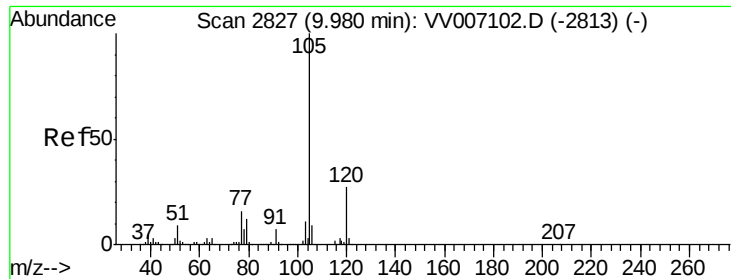
Tgt Ion:104 Resp: 300160

Ion Ratio Lower Upper

104 100

78 41.9 28.9 53.7





#56

Isopropylbenzene

Concen: 5.263 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampleId :

VICV74

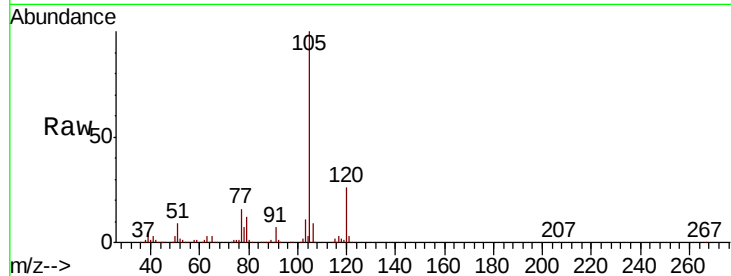
Tgt Ion: 105 Resp: 453225

Ion Ratio Lower Upper

105 100

120 26.2 21.8 32.8

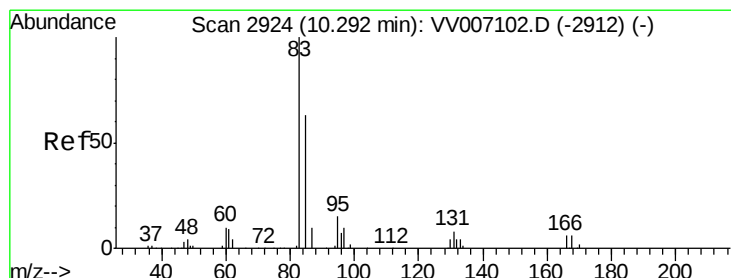
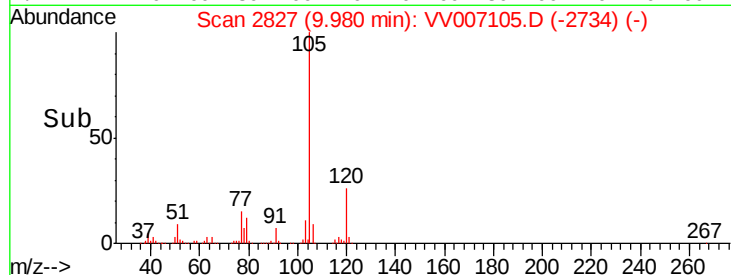
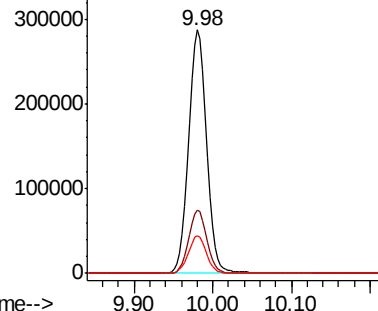
77 15.3 12.6 18.8



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: 5.041 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

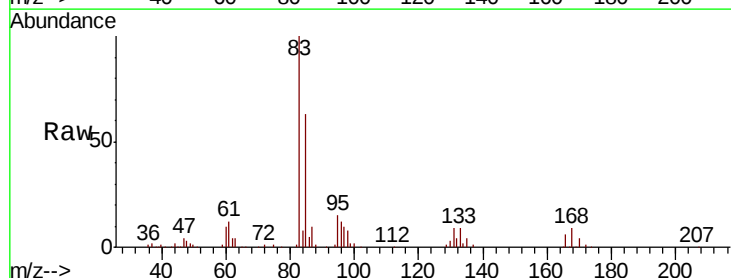
Tgt Ion: 83 Resp: 104981

Ion Ratio Lower Upper

83 100

85 63.3 44.4 82.5

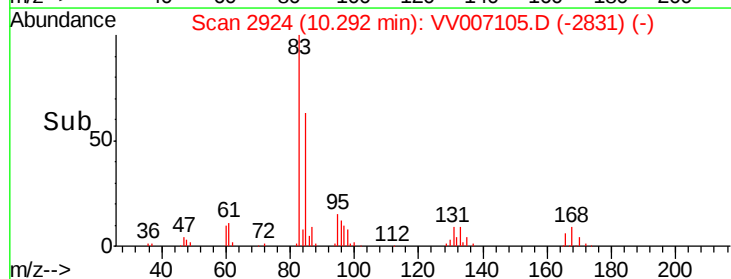
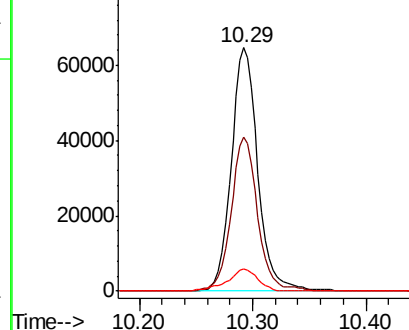
131 9.1 7.3 10.9

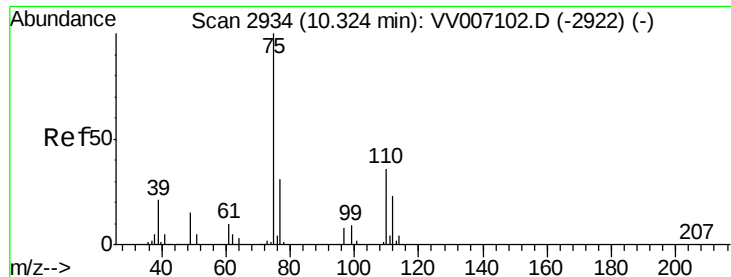


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

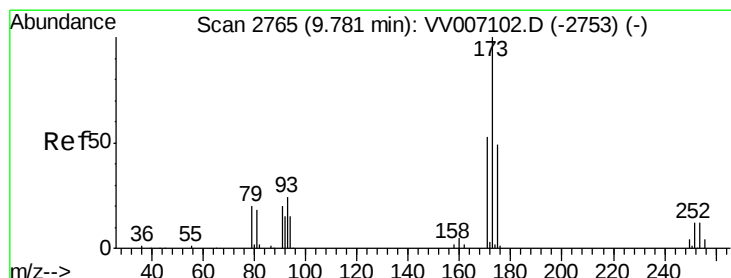
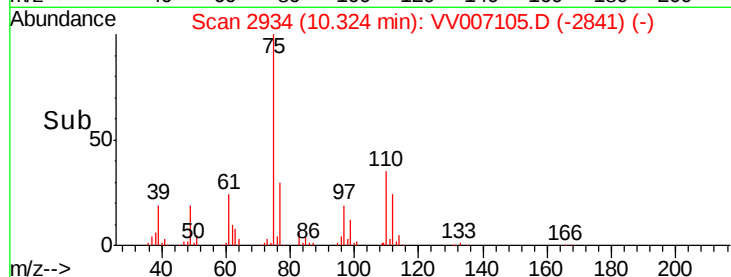
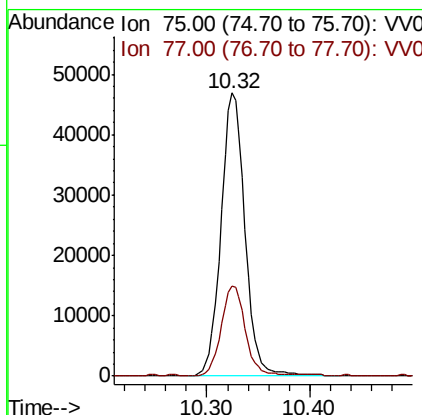
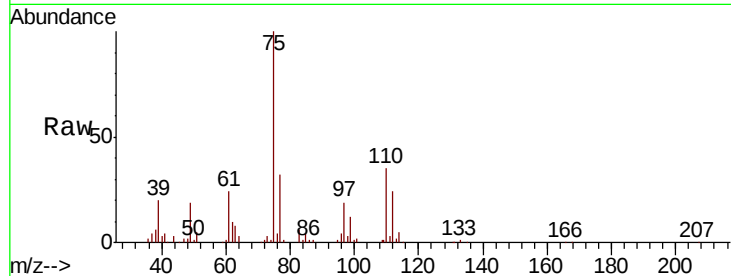




#59
 1,2,3-Trichloropropane
 Concen: 5.045 ug/L
 RT: 10.32 min Scan# 2934
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

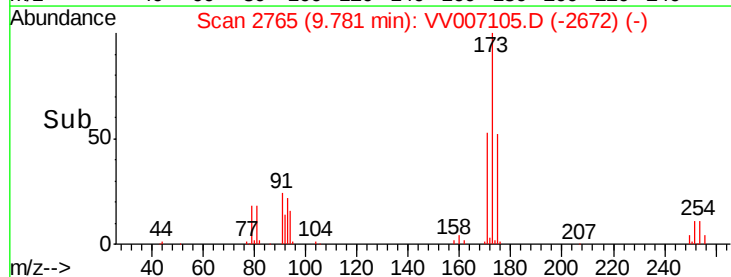
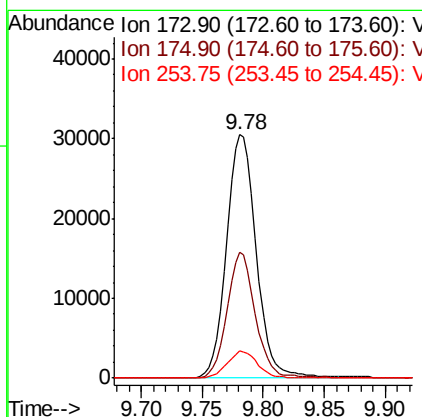
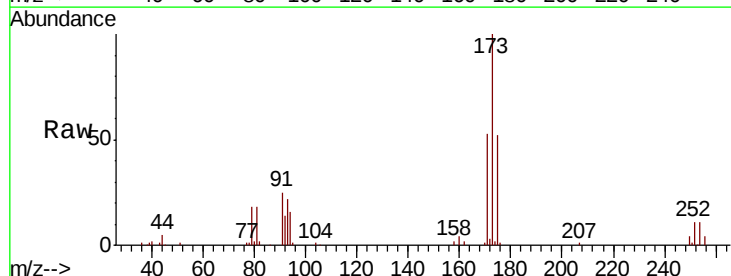
Instrument :
 MSVOA_V
 ClientSampled :
 VICV74

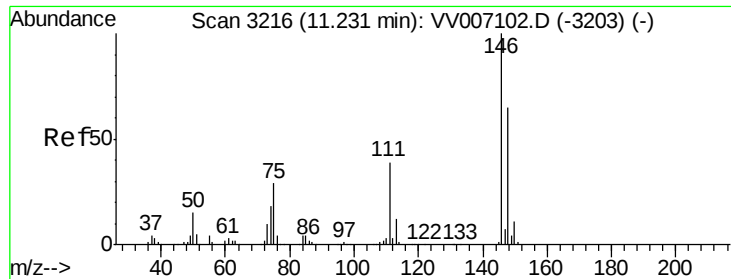
Tgt Ion: 75 Resp: 75895
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.6 38.4



#61
 Bromoform
 Concen: 4.971 ug/L
 RT: 9.78 min Scan# 2765
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Tgt Ion: 173 Resp: 52246
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.9 58.3
 254 11.1 9.6 14.4





#62

1,3-Dichlorobenzene

Concen: 5.219 ug/L

RT: 11.23 min Scan# 3216

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampled :

VICV74

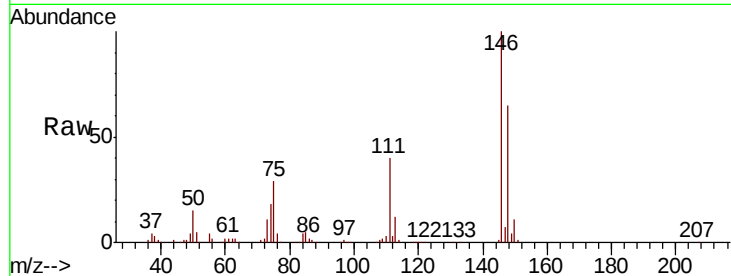
Tgt Ion:146 Resp: 221273

Ion Ratio Lower Upper

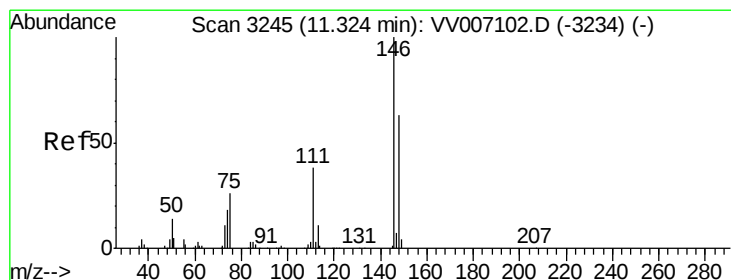
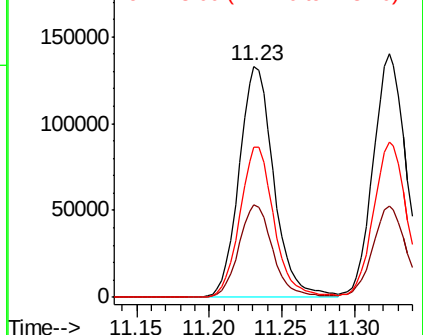
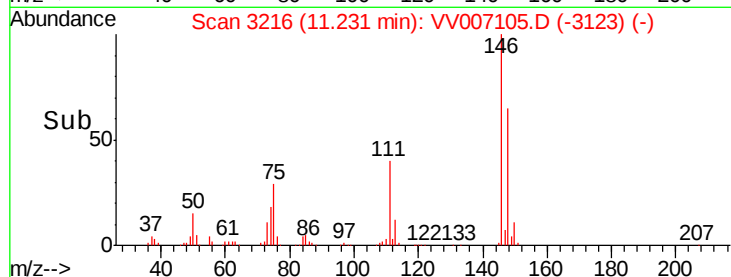
146 100

111 40.2 27.4 50.8

148 64.8 45.3 84.1



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



#63

1,4-Dichlorobenzene

Concen: 5.176 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

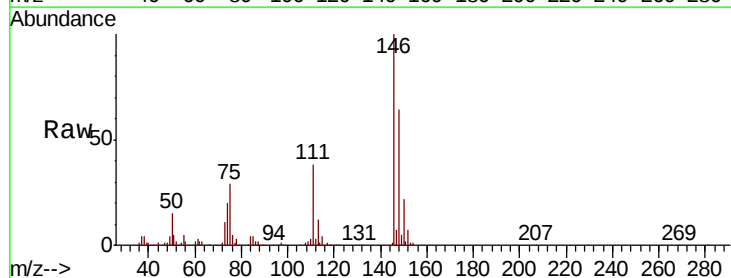
Tgt Ion:146 Resp: 230114

Ion Ratio Lower Upper

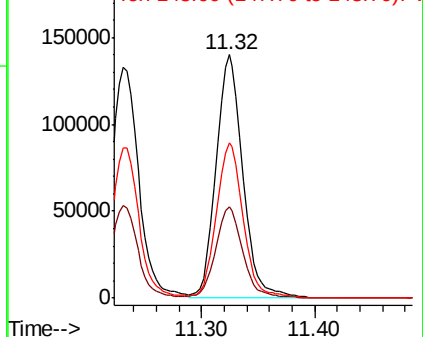
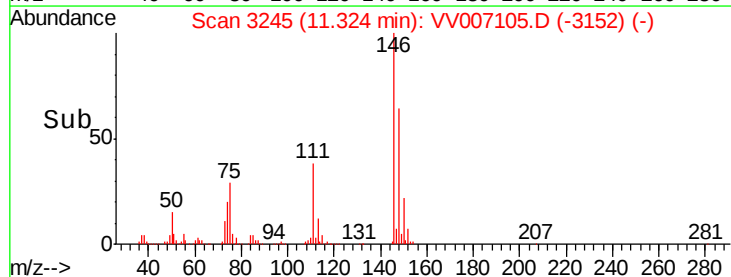
146 100

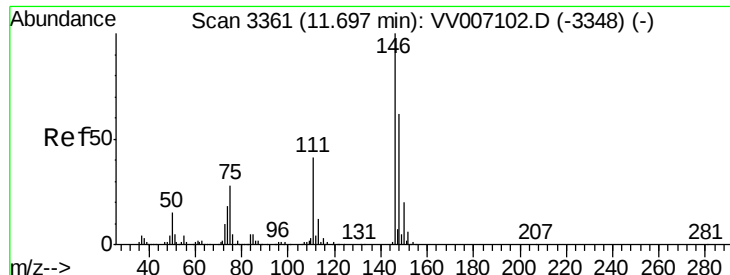
111 37.6 26.7 49.7

148 63.9 44.4 82.4



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

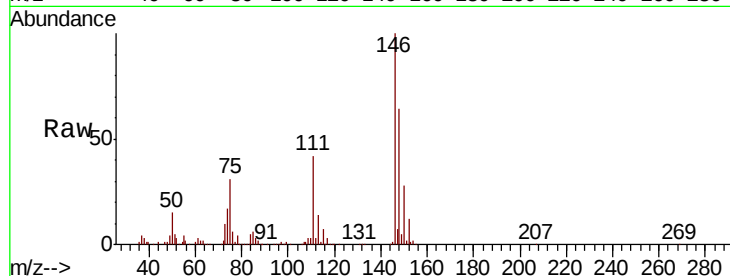




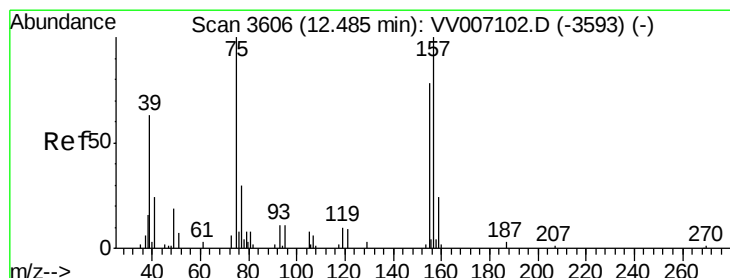
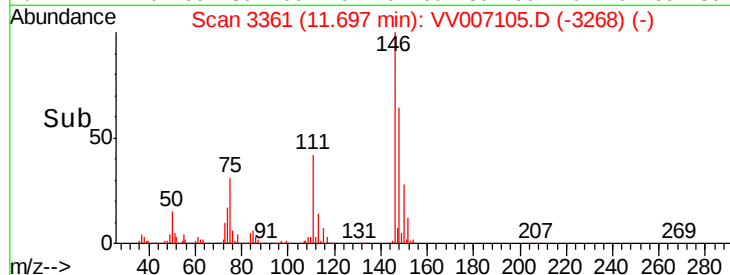
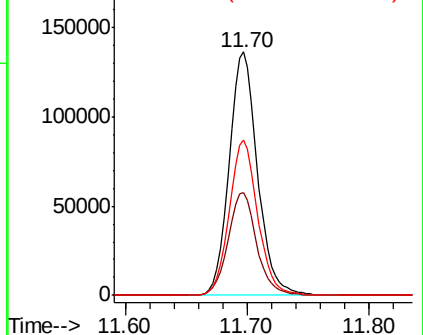
#65
 1,2-Dichlorobenzene
 Concen: 5.184 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	32.7	49.1
148	63.9	49.8	74.6

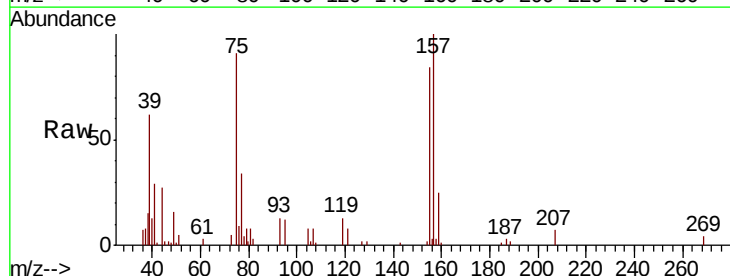


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

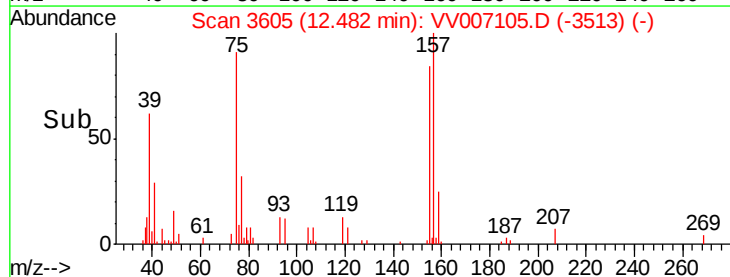
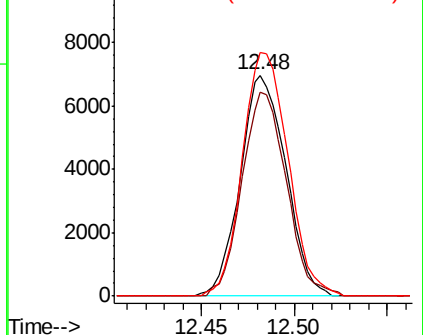


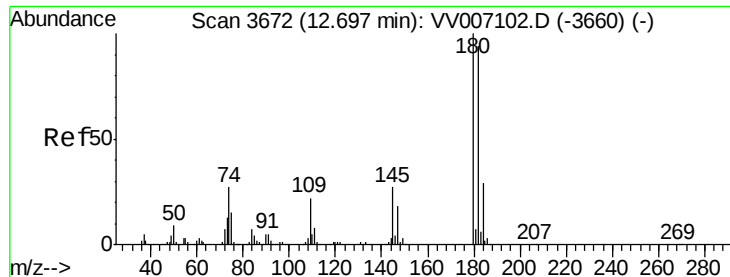
#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.848 ug/L
 RT: 12.48 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	62.7	94.1
157	110.3	79.7	119.5



Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

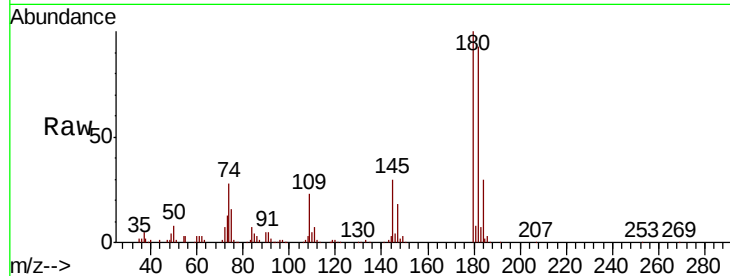




#67
 1,3,5-Trichlorobenzene
 Concen: 5.309 ug/L
 RT: 12.70 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

Tgt Ion:	180	Resp:	168976
Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.6	115.0
184	30.2	24.4	36.6
145	28.0	22.2	33.2



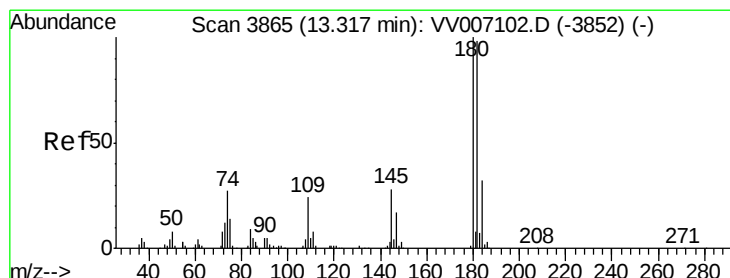
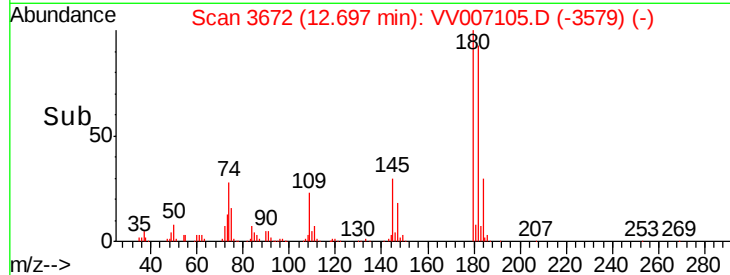
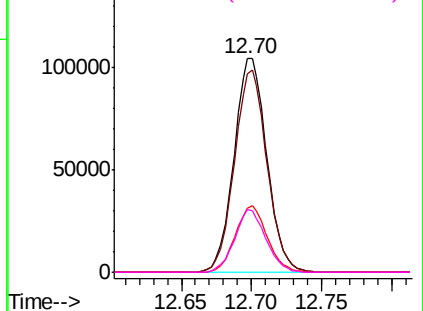
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

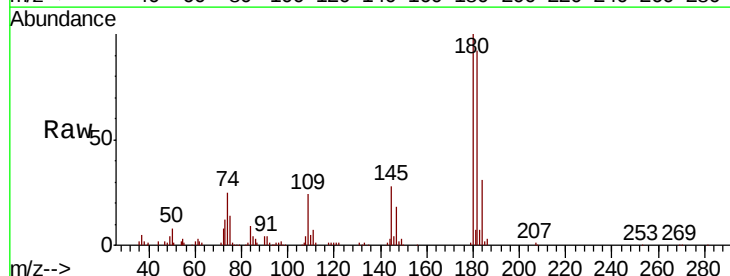
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.759 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV007105.D
 Acq: 21 Aug 2018 17:01

Tgt Ion:	180	Resp:	122596
Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.4	117.6
145	28.0	22.9	34.3

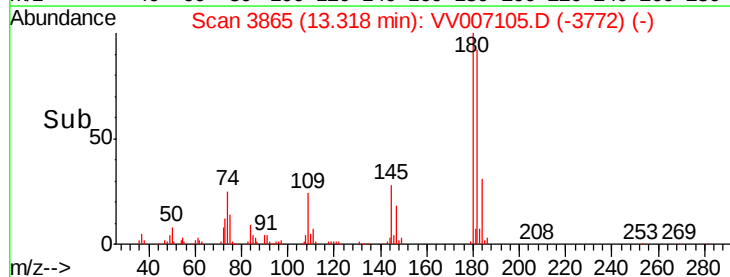
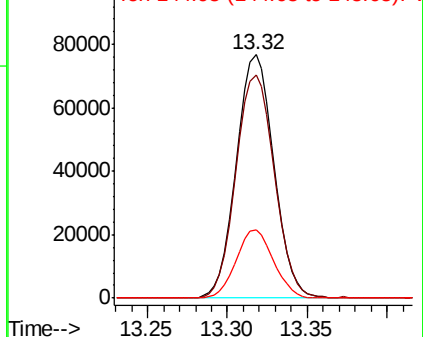


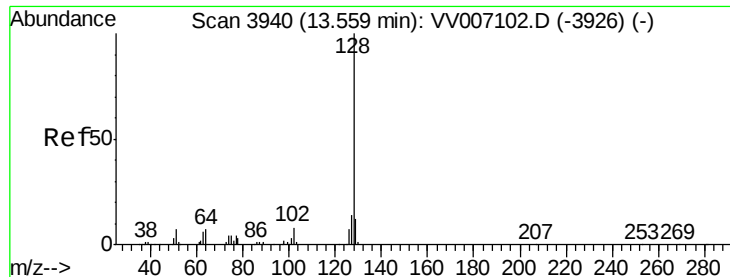
Abundance

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





#69

Naphthalene

Concen: 6.194 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

Instrument :

MSVOA_V

ClientSampleId :

VICV74

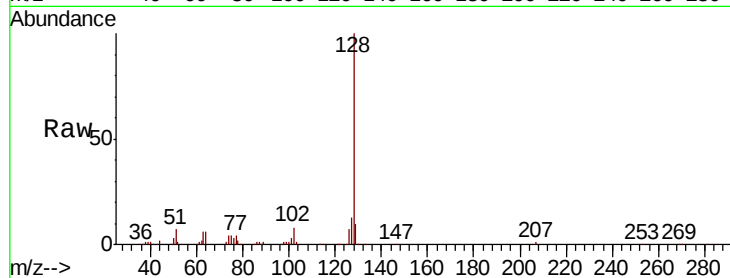
Tgt Ion:128 Resp: 174860

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

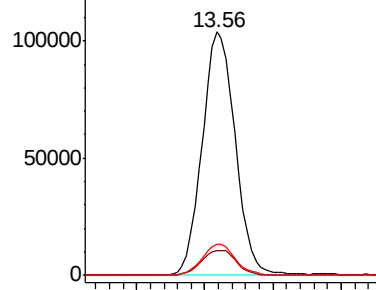
127 12.9 10.8 16.2



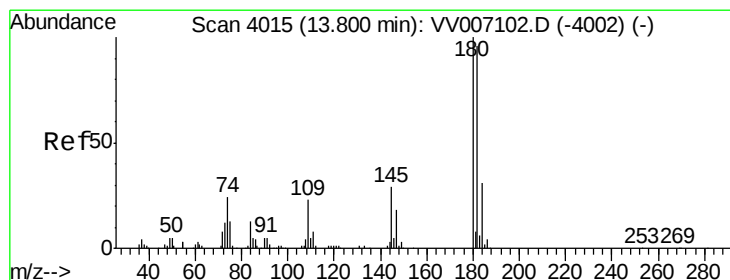
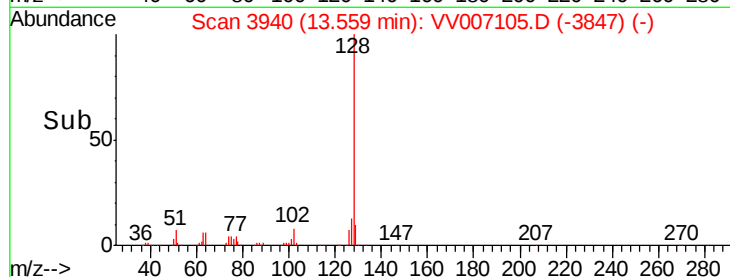
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#70

1,2,3-Trichlorobenzene

Concen: 5.826 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. 0.00 min

Lab File: VV007105.D

Acq: 21 Aug 2018 17:01

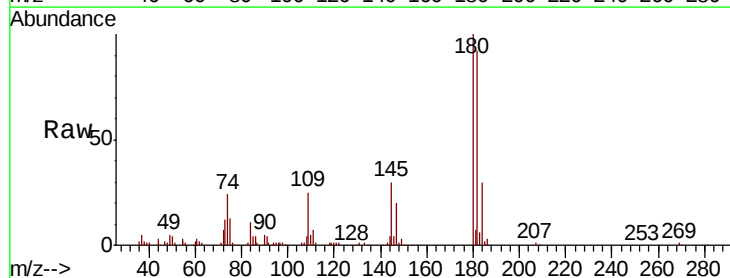
Tgt Ion:180 Resp: 121209

Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

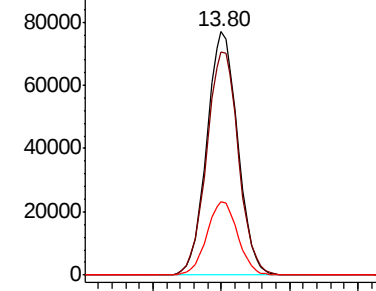
145 30.2 23.8 35.8



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V



Time-->

