

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007453.D
 Acq On : 07 Sep 2018 05:57
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 07 07:39:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 03:09:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	501617	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	501306	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	248756	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	154794	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.40%
7) Chloroethane-d5	1.56	69	115355	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.30%
11) 1,1-Dichloroethene-d2	2.13	63	294807	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.42%
21) 2-Butanone-d5	3.96	46	241847	82.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.98%
24) Chloroform-d	4.41	84	363653	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
26) 1,2-Dichloroethane-d4	5.09	65	219269	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
32) Benzene-d6	5.10	84	717701	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	234829	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.76%
41) Toluene-d8	7.36	98	659506	50.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.42%
43) trans-1,3-Dichloropropene-	7.67	79	94366	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
47) 2-Hexanone-d5	8.14	63	175870	88.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.61%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	345737	49.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.98%
64) 1,2-Dichlorobenzene-d4	11.68	152	262127	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	199696	50.159	ug/L 100
3) Chloromethane	1.26	50	228739	54.164	ug/L 100
5) Vinyl chloride	1.33	62	219041	51.158	ug/L 98
6) Bromomethane	1.51	94	86435	41.895	ug/L 99
8) Chloroethane	1.58	64	122787	55.885	ug/L 99
9) Trichlorofluoromethane	1.76	101	274223	50.595	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	168063	49.942	ug/L 100
12) 1,1-Dichloroethene	2.14	96	157513	49.651	ug/L 95
13) Acetone	2.20	43	158419	91.282	ug/L 97
14) Carbon disulfide	2.31	76	429408	47.770	ug/L 100
15) Methyl Acetate	2.46	43	184757	48.871	ug/L 99
16) Methylene chloride	2.53	84	191757	50.830	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	170338	49.220	ug/L 98
18) Methyl tert-butyl Ether	2.81	73	554637	51.173	ug/L 100
19) 1,1-Dichloroethane	3.23	63	343389	47.909	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	200085	50.241	ug/L 97
22) 2-Butanone	4.04	43	284963	98.040	ug/L 99

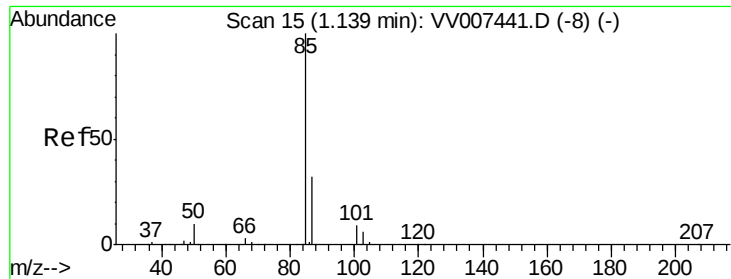
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 03:09:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	104942	50.363	ug/L	99
25) Chloroform	4.43	83	357801	50.716	ug/L	99
27) 1,2-Dichloroethane	5.19	62	269855	51.085	ug/L	99
29) Cyclohexane	4.72	56	260086	46.797	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	293890	48.005	ug/L	99
31) Carbon tetrachloride	4.87	117	252602	47.667	ug/L	100
33) Benzene	5.15	78	801963	50.013	ug/L	100
34) Trichloroethene	5.96	95	183202	46.801	ug/L	98
35) Methylcyclohexane	6.18	83	278908	47.781	ug/L	99
37) 1,2-Dichloropropane	6.23	63	217800	49.425	ug/L	99
38) Bromodichloromethane	6.56	83	260356	48.387	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	264012	44.617	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	509189	100.023	ug/L	99
42) Toluene	7.43	91	813250	52.720	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	253697	45.851	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	208311	50.085	ug/L	99
46) Tetrachloroethene	8.02	164	151439	48.112	ug/L	99
48) 2-Hexanone	8.19	43	420904	106.018	ug/L #	94
49) Dibromochloromethane	8.30	129	209922	49.208	ug/L	98
50) 1,2-Dibromoethane	8.40	107	200913	49.461	ug/L	98
51) Chlorobenzene	8.93	112	519345	49.857	ug/L	100
52) Ethylbenzene	9.06	91	813299	51.990	ug/L	100
53) m,p-Xylene	9.19	106	316345	52.821	ug/L	98
54) o-xylene	9.59	106	307923	52.874	ug/L	98
55) Styrene	9.61	104	575084	57.006	ug/L	99
56) Isopropylbenzene	9.98	105	772777	52.465	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	349166	53.076	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	269239	51.372	ug/L	100
61) Bromoform	9.78	173	154545	45.622	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	361561	47.845	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	402243	49.629	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	431120	51.032	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	65626	45.819	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	274288	47.299	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	204446	45.510	ug/L	99
69) Naphthalene	13.56	128	580152	44.745	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	240644	48.477	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 50.159 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

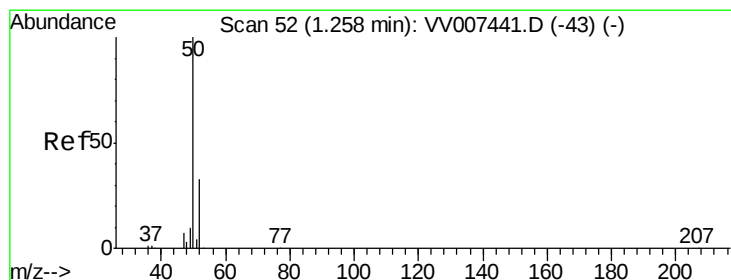
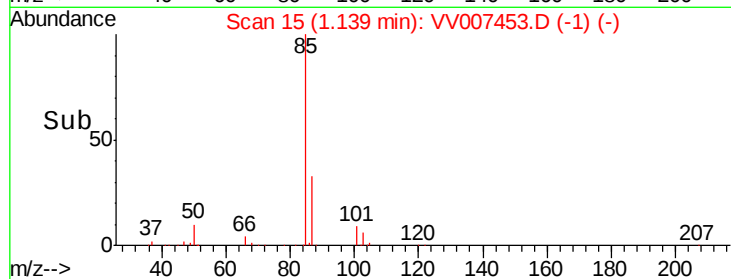
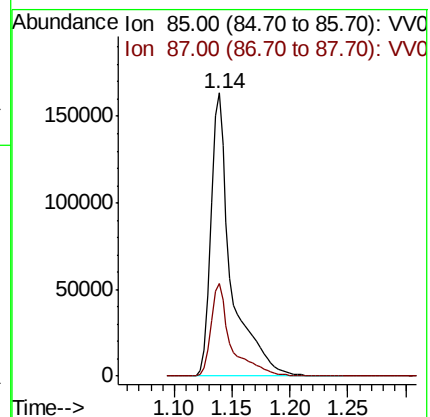
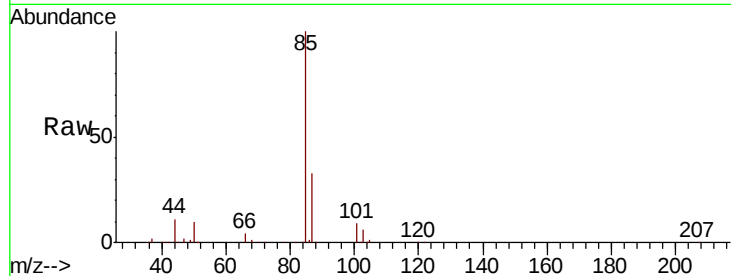
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 199696

Ion Ratio Lower Upper

85 100

87 32.7 26.0 39.0



#3

Chloromethane

Concen: 54.164 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV007453.D

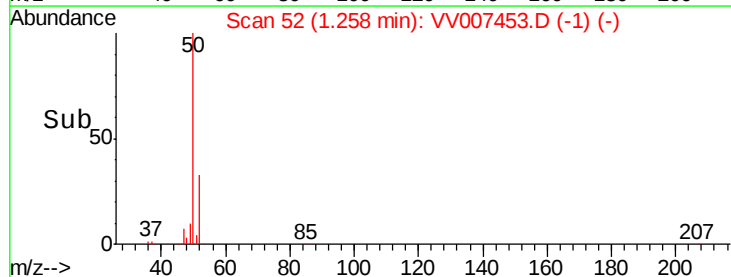
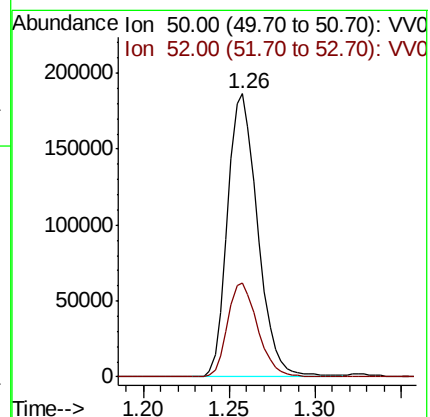
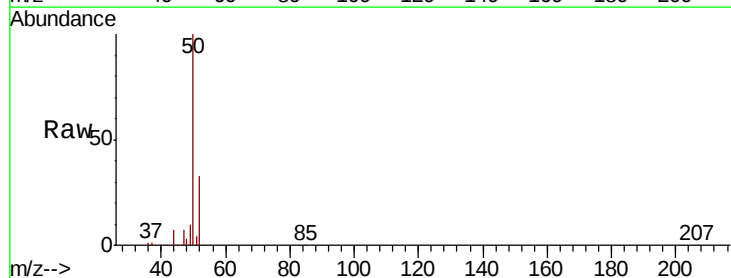
Acq: 07 Sep 2018 05:57

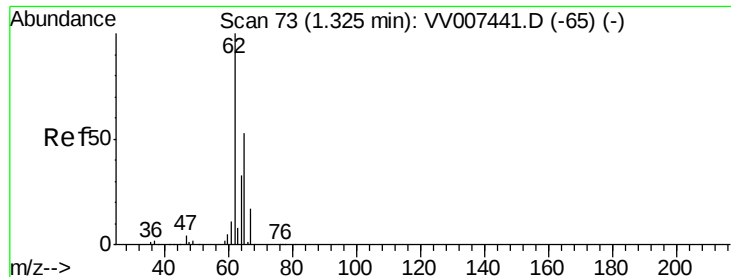
Tgt Ion: 50 Resp: 228739

Ion Ratio Lower Upper

50 100

52 33.2 23.2 43.2





#5

Vinyl chloride

Concen: 51.158 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

Instrument :

MSVOA_V

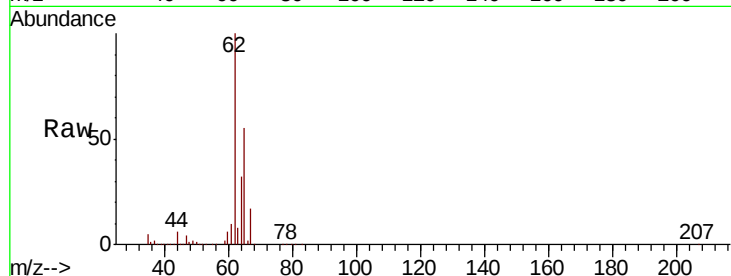
ClientSampleId :

Tot Ion: 62 Resp: 219041

Ion Ratio Lower Upper

62 100

64 32.2 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV007441.D (-65) (-)

Ion 64.00 (63.70 to 64.70): VV007441.D (-65) (-)

1.33

200000

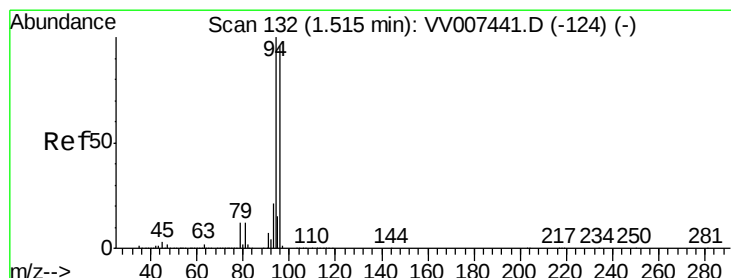
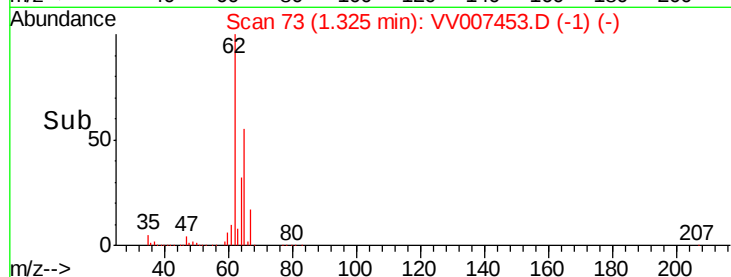
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 41.895 ug/L

RT: 1.51 min Scan# 132

Delta R.T. 0.00 min

Lab File: VV007453.D

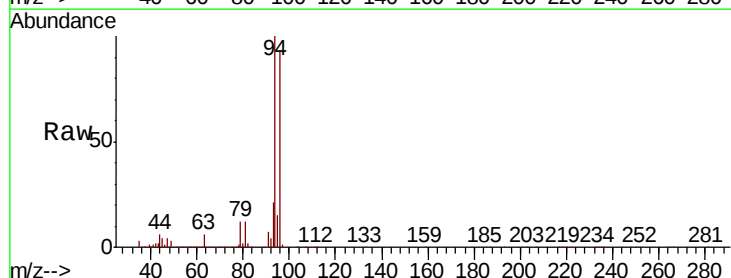
Acq: 07 Sep 2018 05:57

Tgt Ion: 94 Resp: 86435

Ion Ratio Lower Upper

94 100

96 93.4 65.9 122.5



Abundance Ion 94.00 (93.70 to 94.70): VV007441.D (-124) (-)

Ion 96.00 (95.70 to 96.70): VV007441.D (-124) (-)

1.51

100000

80000

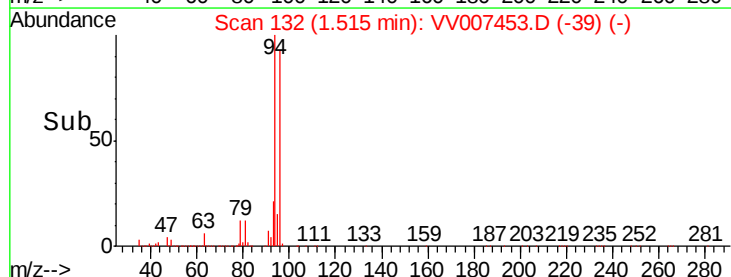
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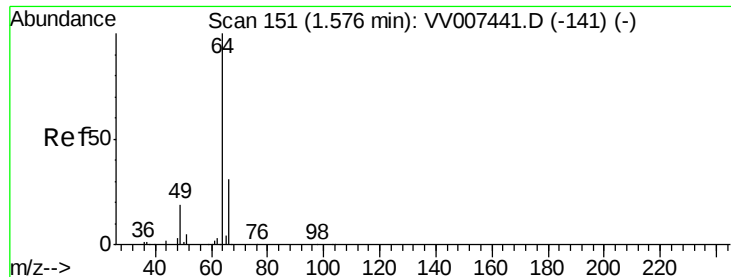
40000

20000

0

Time-->





#8

Chloroethane

Concen: 55.885 ug/L

RT: 1.58 min Scan# 151

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

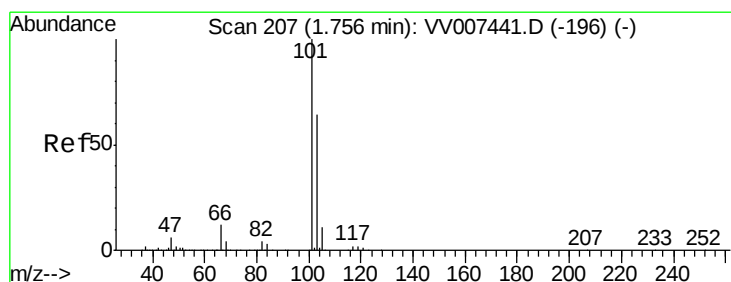
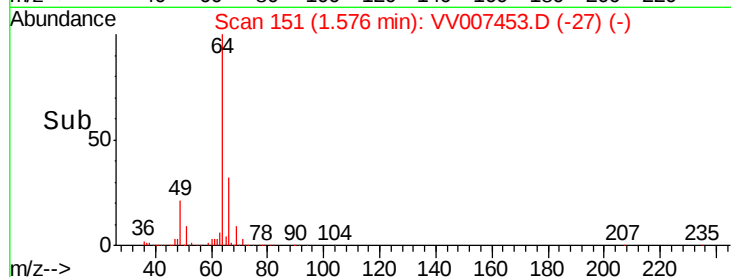
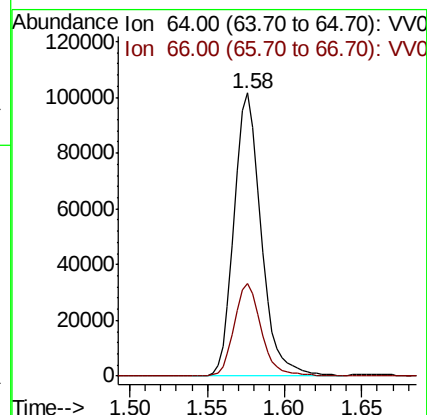
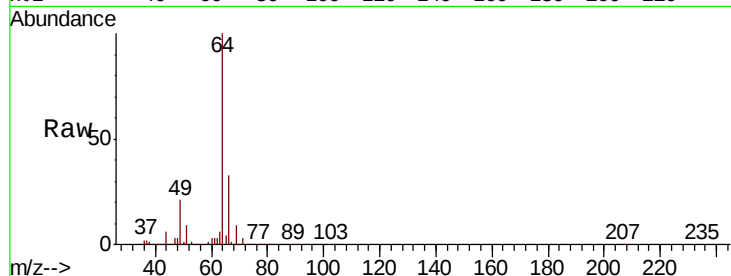
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 64 Resp: 122787

Ion Ratio Lower Upper

64 100

66 32.8 22.6 42.0



#9

Trichlorofluoromethane

Concen: 50.595 ug/L

RT: 1.76 min Scan# 207

Delta R.T. 0.00 min

Lab File: VV007453.D

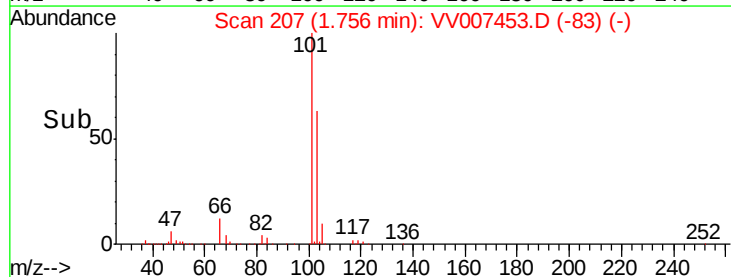
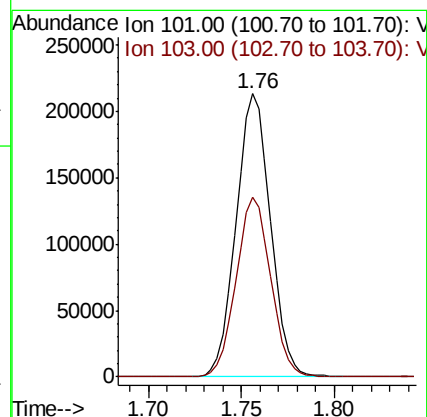
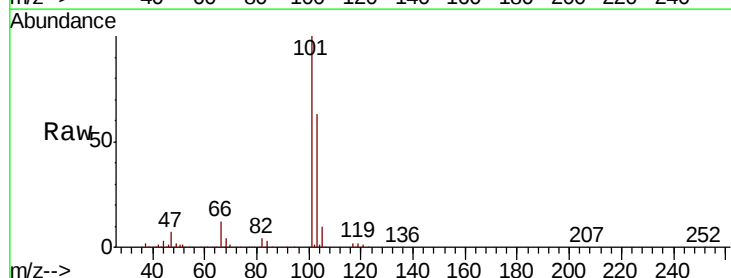
Acq: 07 Sep 2018 05:57

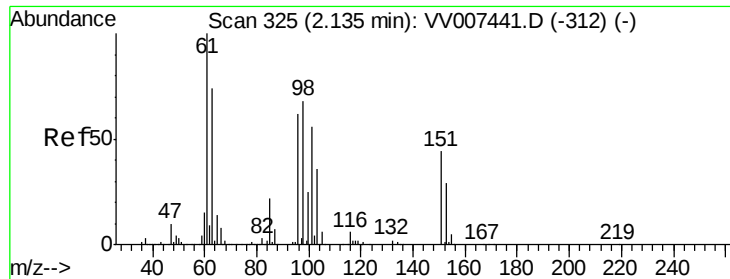
Tgt Ion: 101 Resp: 274223

Ion Ratio Lower Upper

101 100

103 64.0 51.8 77.8





#10

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

Concen: 49.942 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

Instrument :

MSVOA_V

ClientSampled :

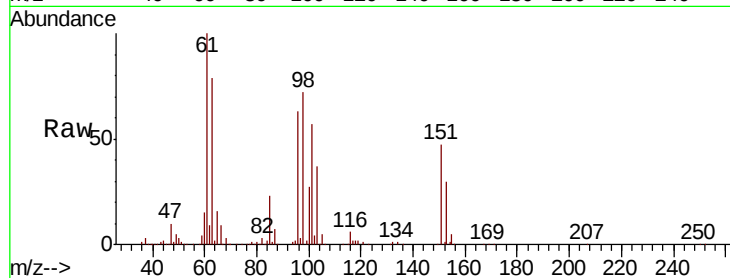
Tot Ion:101 Resp: 168063

Ion Ratio Lower Upper

101 100

85 40.5 32.7 49.1

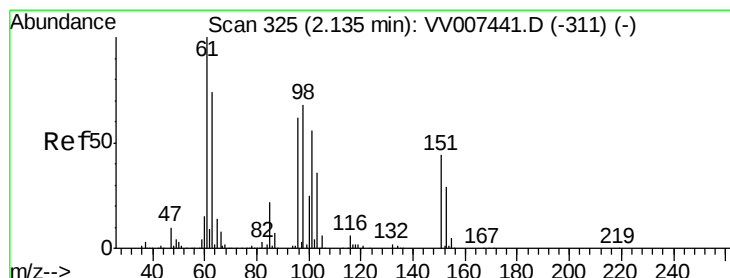
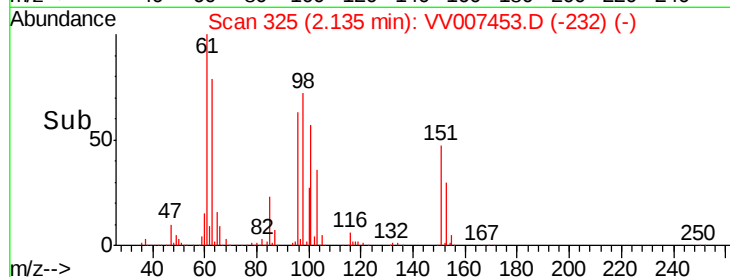
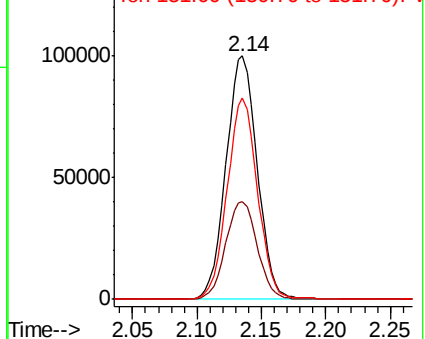
151 80.5 64.5 96.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 49.651 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

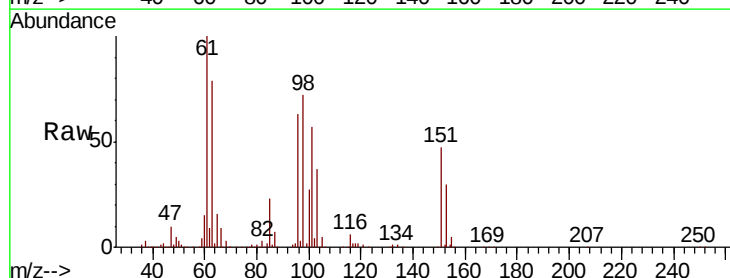
Tgt Ion: 96 Resp: 157513

Ion Ratio Lower Upper

96 100

61 158.5 108.6 201.8

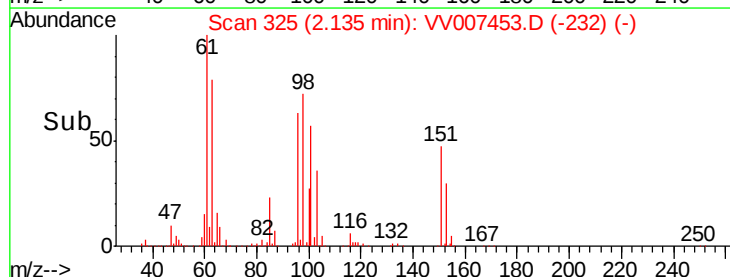
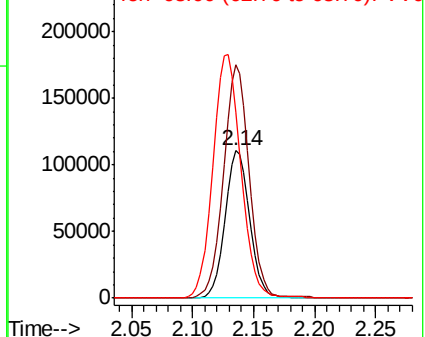
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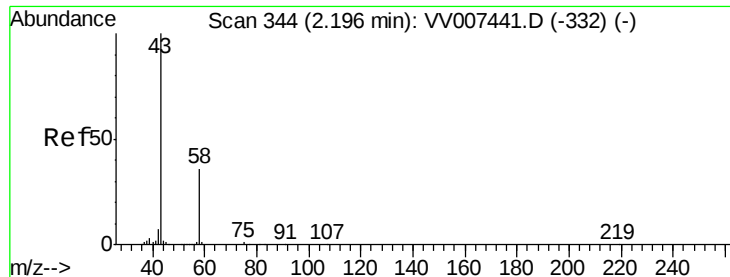


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 91.282 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

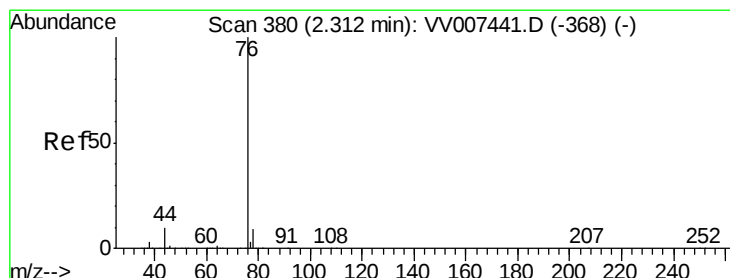
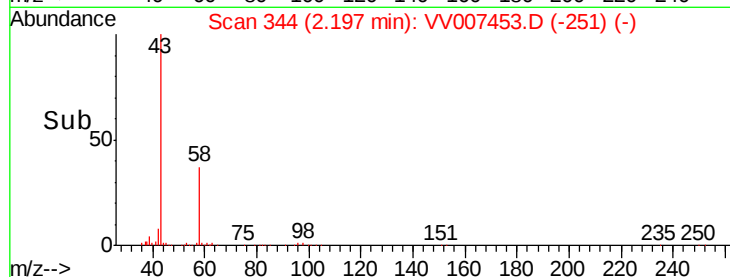
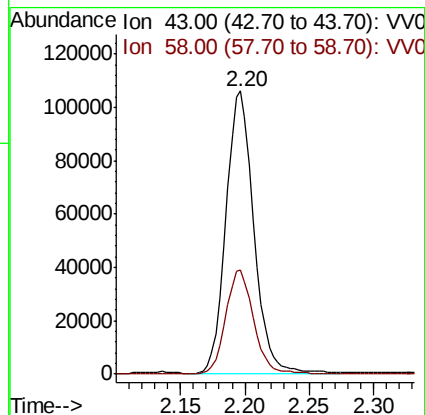
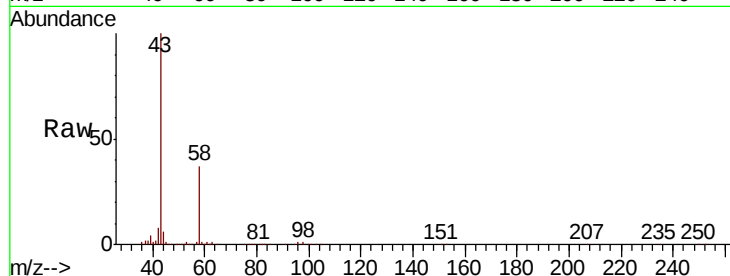
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 158419

Ion Ratio Lower Upper

43 100

58 37.3 0.0 71.2



#14

Carbon disulfide

Concen: 47.770 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV007453.D

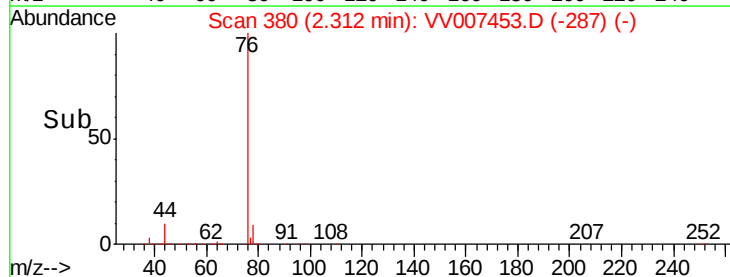
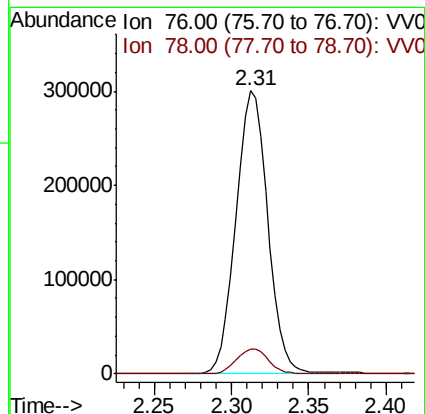
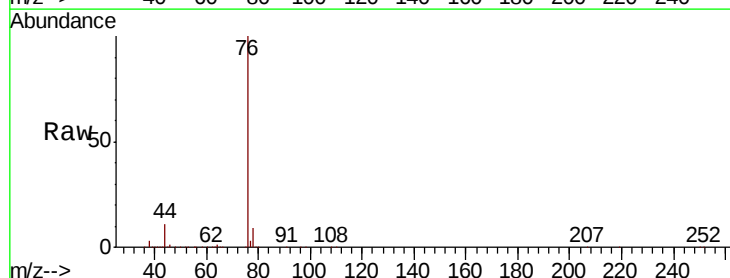
Acq: 07 Sep 2018 05:57

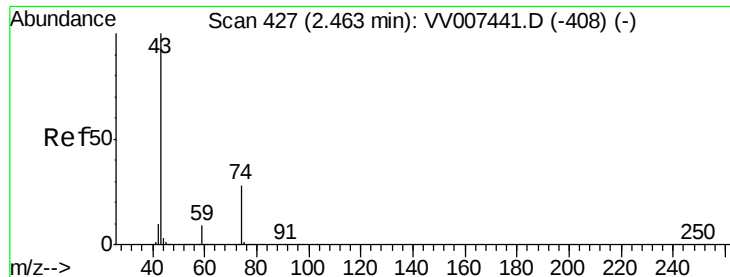
Tgt Ion: 76 Resp: 429408

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#15

Methvl Acetate

Concen: 48.871 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

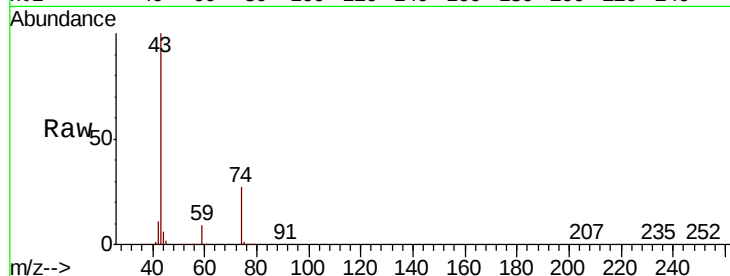
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 184757

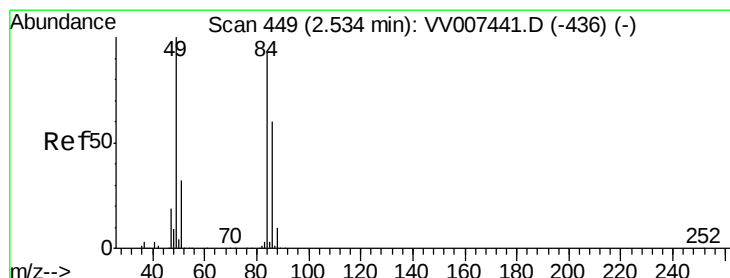
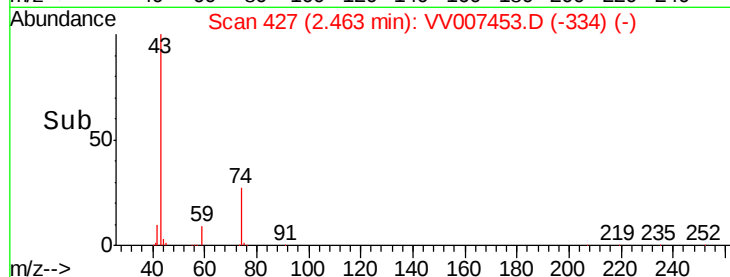
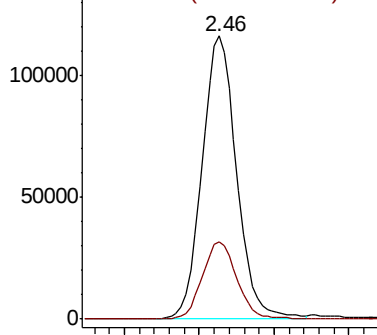
Ion Ratio Lower Upper

43 100

74 27.6 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 50.830 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

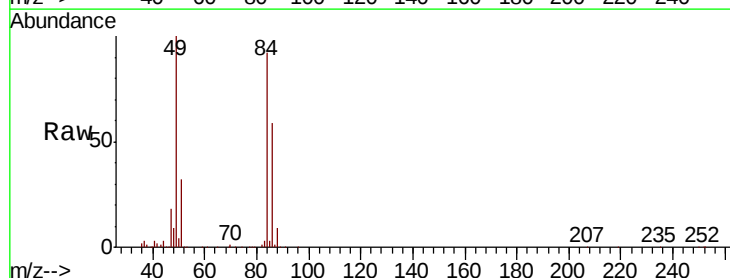
Tgt Ion: 84 Resp: 191757

Ion Ratio Lower Upper

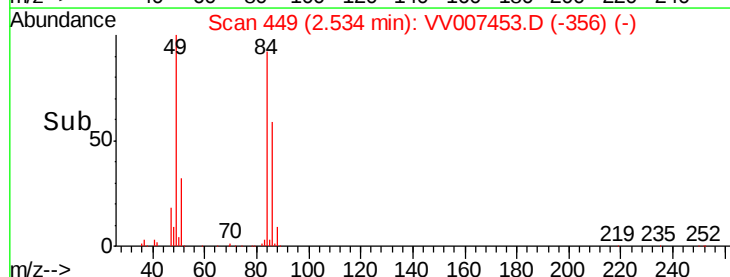
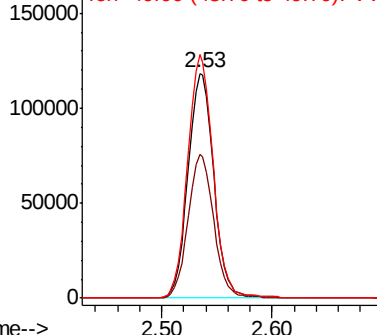
84 100

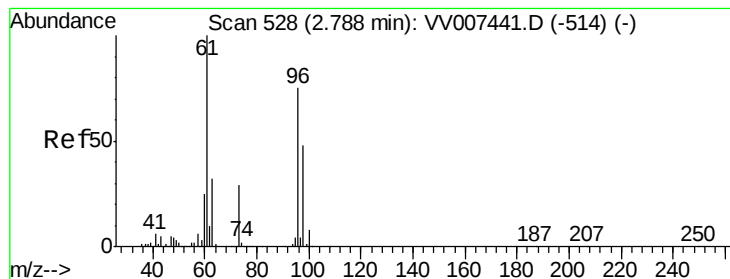
86 64.0 45.3 84.1

49 108.3 75.6 140.4



Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 49.220 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

Instrument :
MSVOA_V
ClientSampleId :

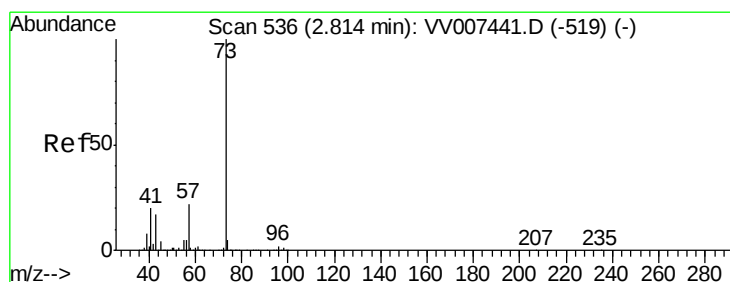
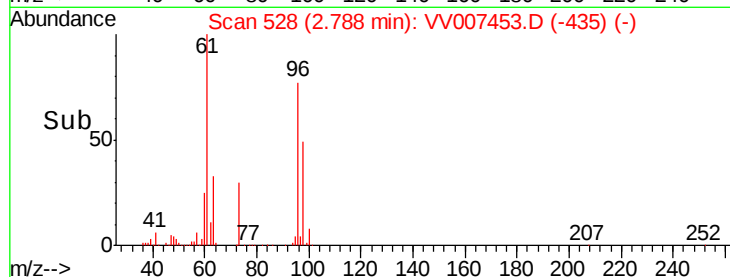
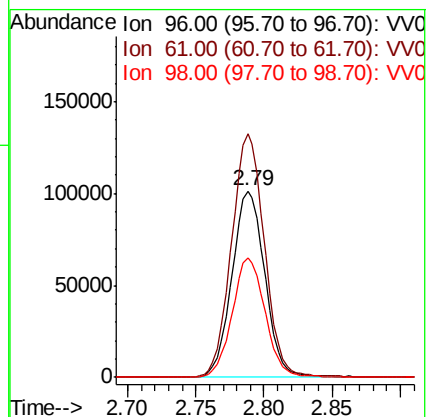
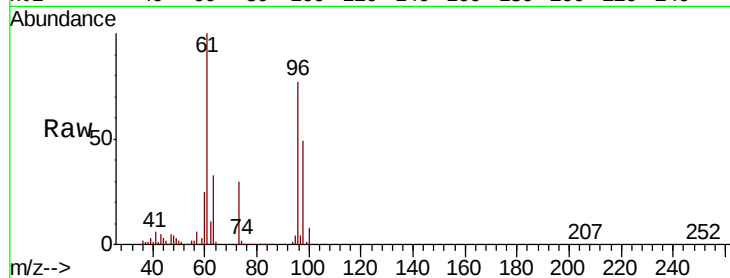
Tot Ion: 96 Resp: 170338

Ion Ratio Lower Upper

96 100

61 130.4 93.1 172.9

98 63.8 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 51.173 ug/L

RT: 2.81 min Scan# 536

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

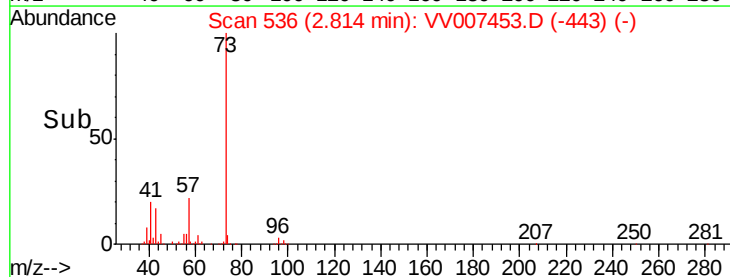
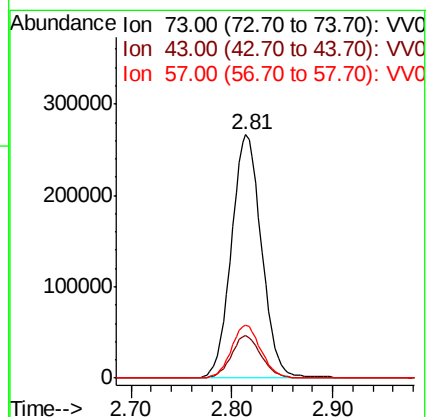
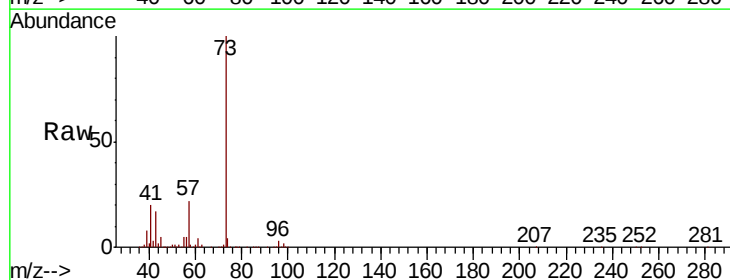
Tgt Ion: 73 Resp: 554637

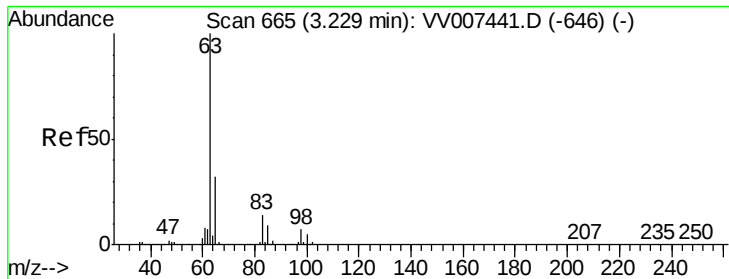
Ion Ratio Lower Upper

73 100

43 17.0 13.4 20.2

57 21.4 17.0 25.4





#19

1,1-Dichloroethane

Concen: 47.909 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

Instrument :

MSVOA_V

ClientSampleId :

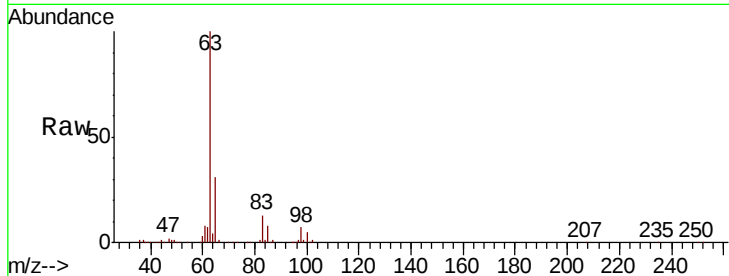
Tot Ion: 63 Resp: 343389

Ion Ratio Lower Upper

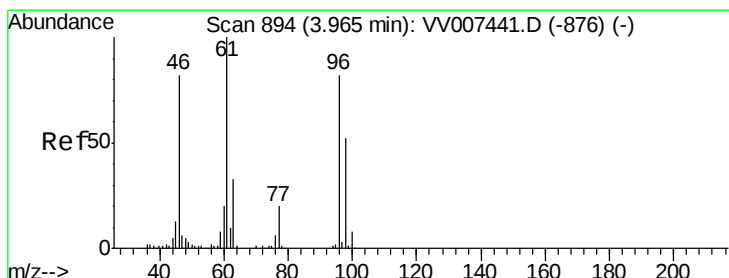
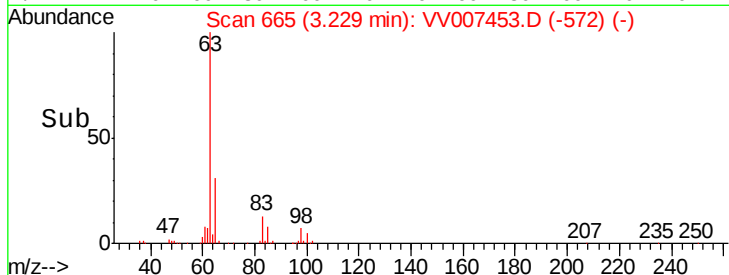
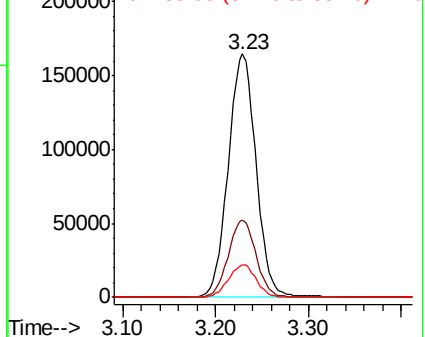
63 100

65 31.5 22.5 41.9

83 13.4 9.0 16.8



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 65.00 (64.70 to 65.70): VV0
Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 50.241 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

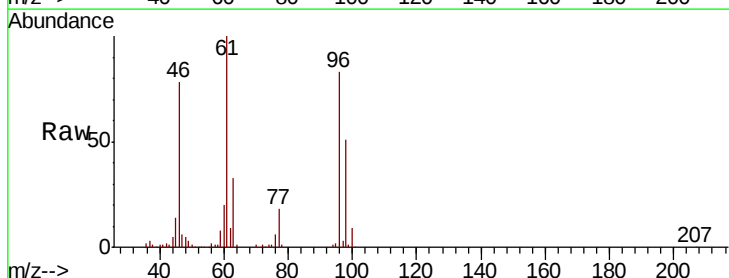
Tgt Ion: 96 Resp: 200085

Ion Ratio Lower Upper

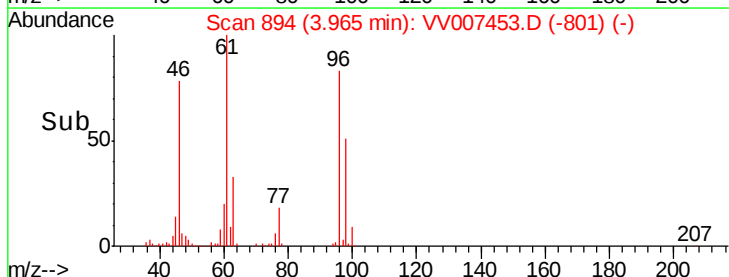
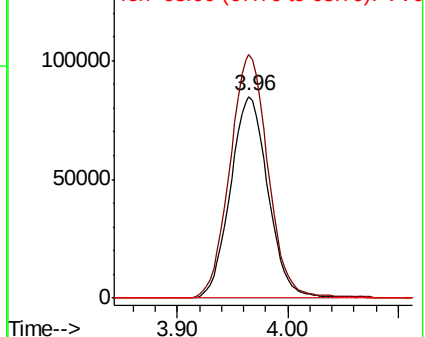
96 100

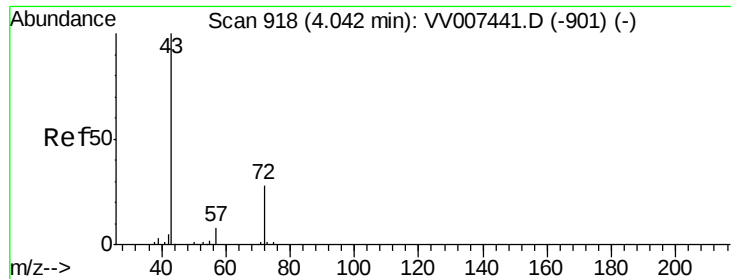
61 120.9 86.8 161.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 98.040 ug/L

RT: 4.04 min Scan# 917

Delta R.T. -0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

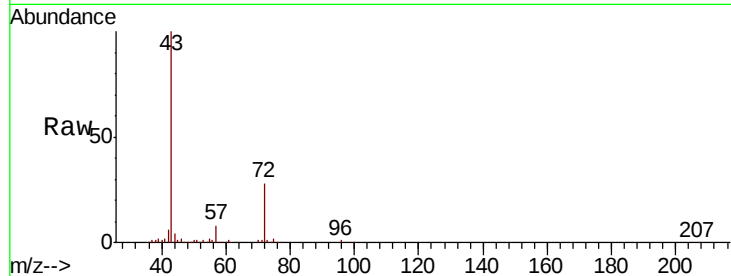
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 284963

Ion Ratio Lower Upper

43 100

72 28.2 13.8 41.3

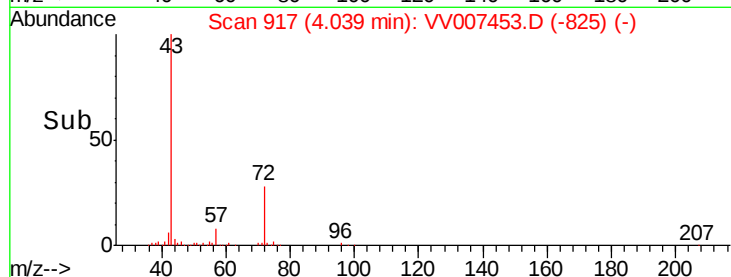


Abundance Ion 43.00 (42.70 to 43.70): VV007441.D (-901) (-)

Ion 72.00 (71.70 to 72.70): VV007441.D (-901) (-)

4.04

Time-->



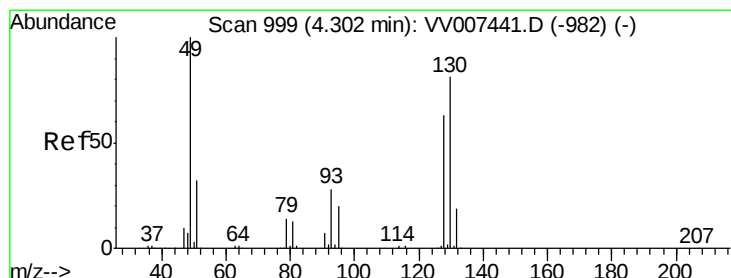
Abundance

Ion 43.00 (42.70 to 43.70): VV007453.D (-825) (-)

Ion 72.00 (71.70 to 72.70): VV007453.D (-825) (-)

4.04

Time-->



#23

Bromochloromethane

Concen: 50.363 ug/L

RT: 4.30 min Scan# 999

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

Tgt Ion: 128 Resp: 104942

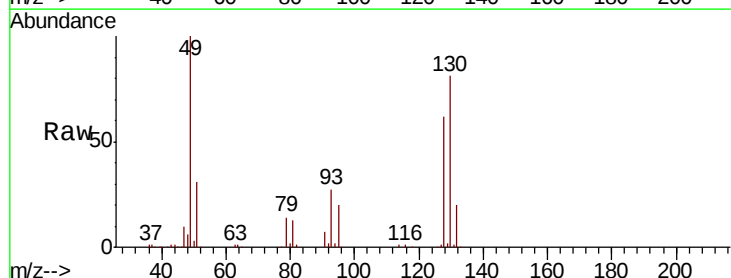
Ion Ratio Lower Upper

128 100

49 160.0 111.2 206.4

130 129.6 89.1 165.5

51 48.9 40.1 60.1



Abundance Ion 128.00 (127.70 to 128.70): VV007441.D (-982) (-)

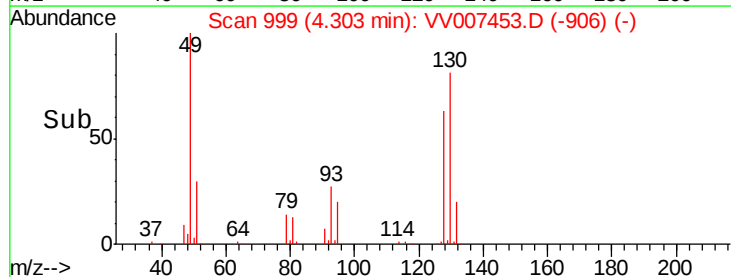
Ion 49.00 (48.70 to 49.70): VV007441.D (-982) (-)

Ion 130.00 (129.70 to 130.70): VV007441.D (-982) (-)

Ion 51.00 (50.70 to 51.70): VV007441.D (-982) (-)

4.30

Time-->



Abundance

Ion 128.00 (127.70 to 128.70): VV007453.D (-906) (-)

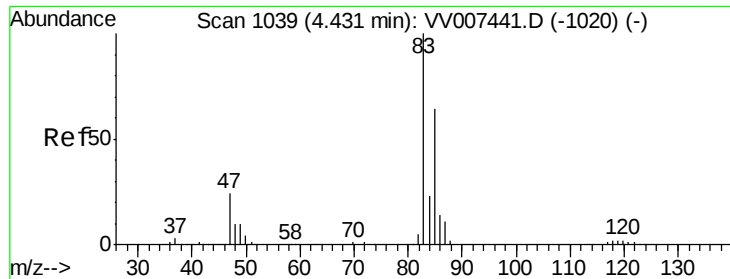
Ion 49.00 (48.70 to 49.70): VV007453.D (-906) (-)

Ion 130.00 (129.70 to 130.70): VV007453.D (-906) (-)

Ion 51.00 (50.70 to 51.70): VV007453.D (-906) (-)

4.30

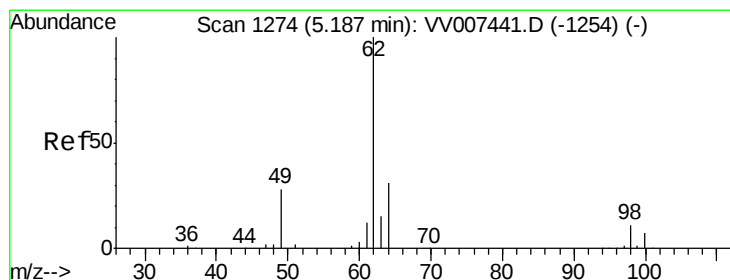
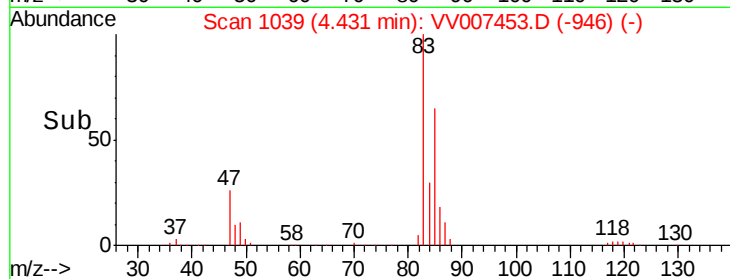
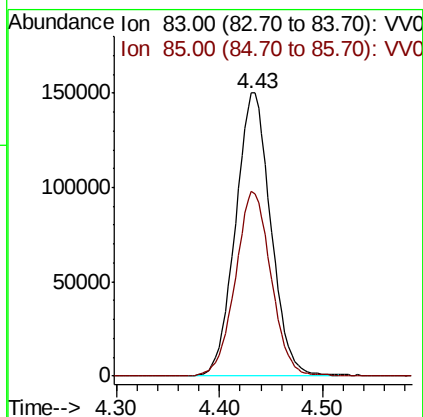
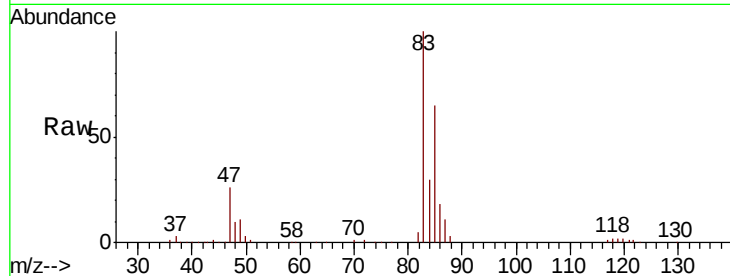
Time-->



#25
Chloroform
Concen: 50.716 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV007453.D
Acq: 07 Sep 2018 05:57

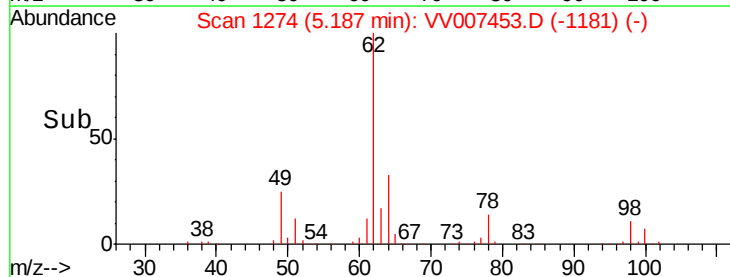
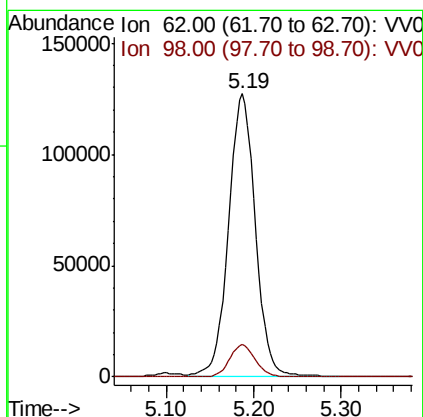
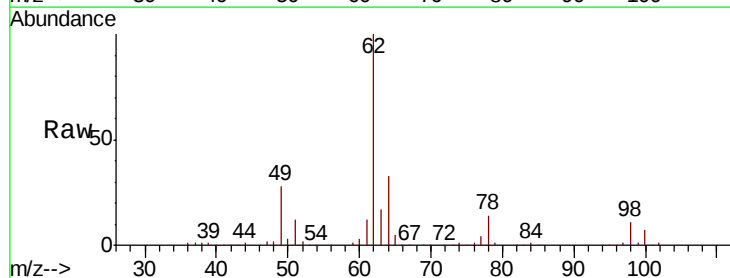
Instrument :
MSVOA_V
ClientSampleId :

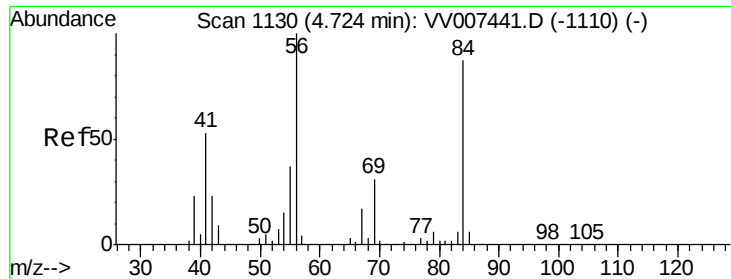
Tot Ion: 83 Resp: 357801
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 51.085 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VV007453.D
Acq: 07 Sep 2018 05:57

Tgt Ion: 62 Resp: 269855
Ion Ratio Lower Upper
62 100
98 11.3 8.6 13.0

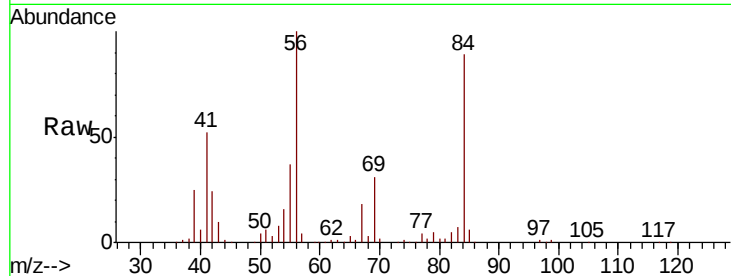




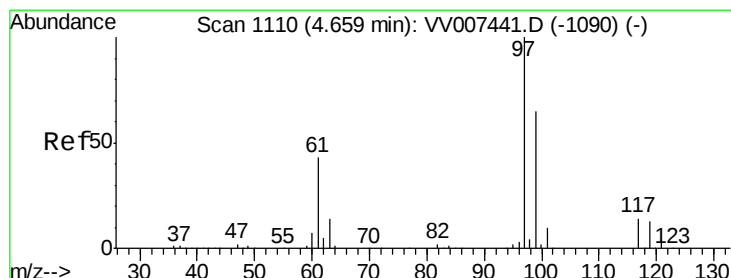
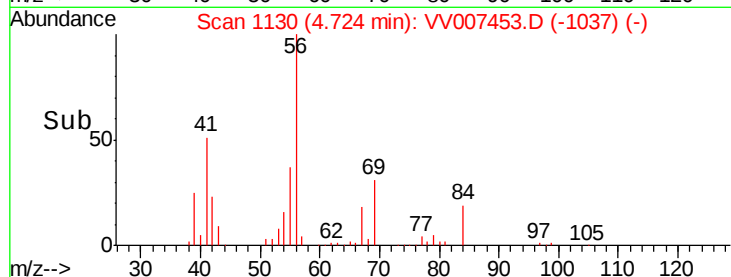
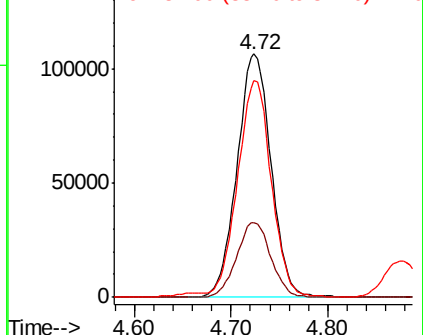
#29
Cyclohexane
Concen: 46.797 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV007453.D
Acq: 07 Sep 2018 05:57

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 56 Resp: 260086
Ion Ratio Lower Upper
56 100
69 31.0 24.5 36.7
84 88.3 70.6 105.8

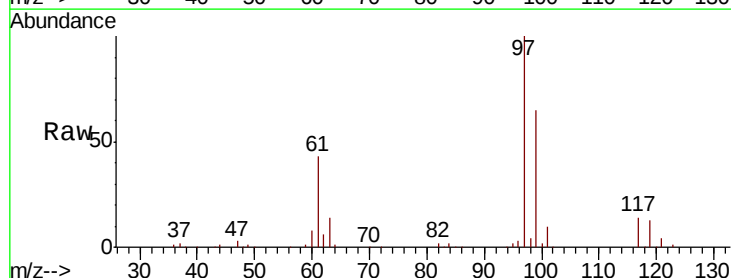


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

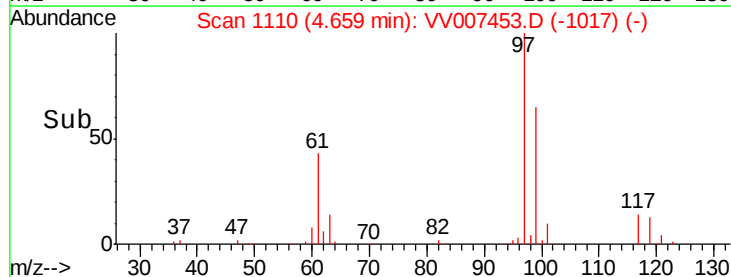
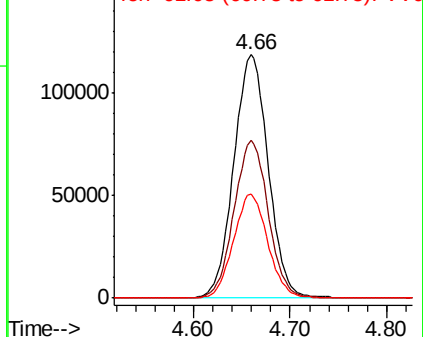


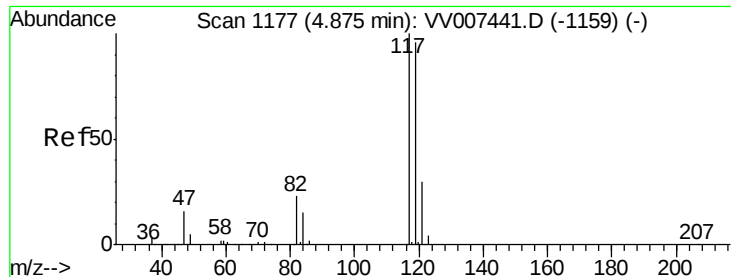
#30
1,1,1-Trichloroethane
Concen: 48.005 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV007453.D
Acq: 07 Sep 2018 05:57

Tgt Ion: 97 Resp: 293890
Ion Ratio Lower Upper
97 100
99 64.5 52.1 78.1
61 42.7 34.6 51.8



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0

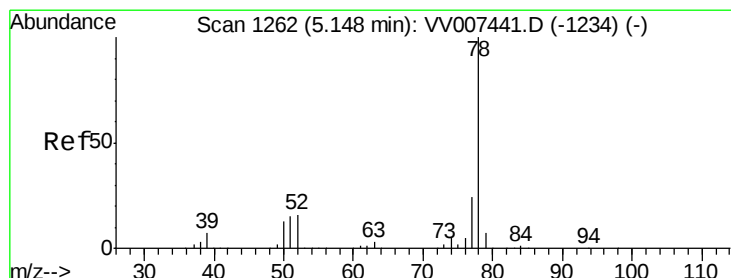
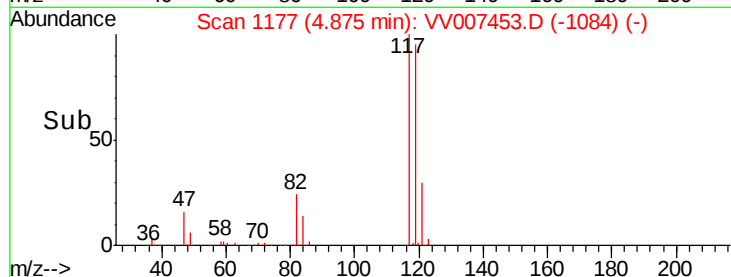
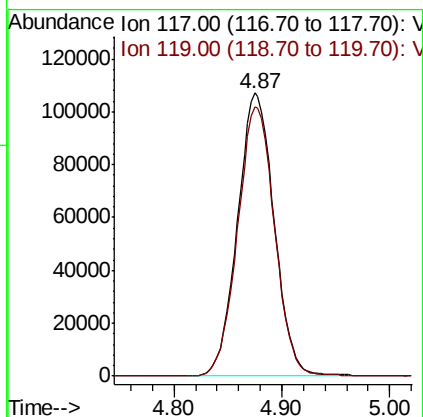
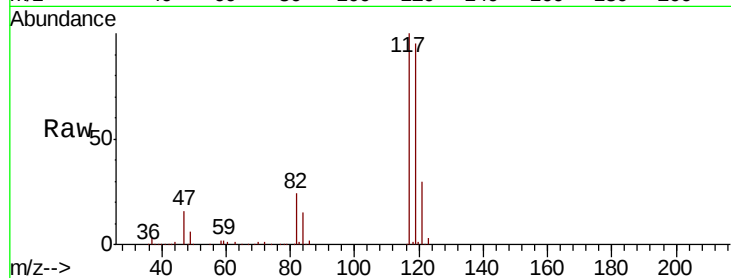




#31
Carbon tetrachloride
Concen: 47.667 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV007453.D
Acq: 07 Sep 2018 05:57

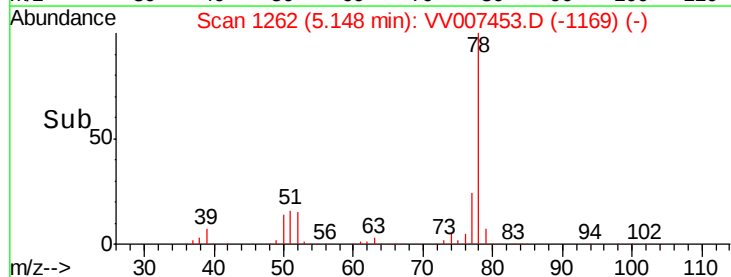
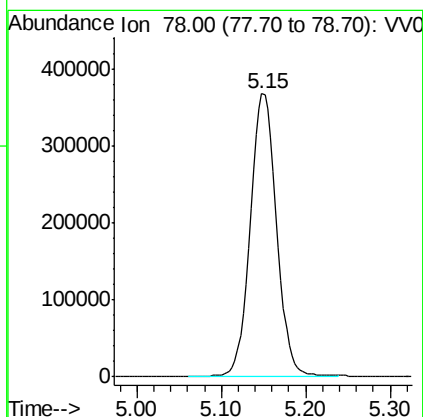
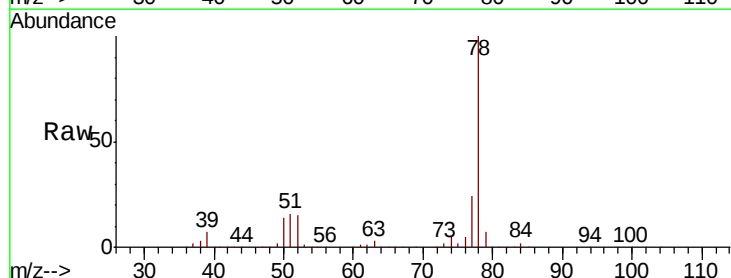
Instrument :
MSVOA_V
ClientSampleId :

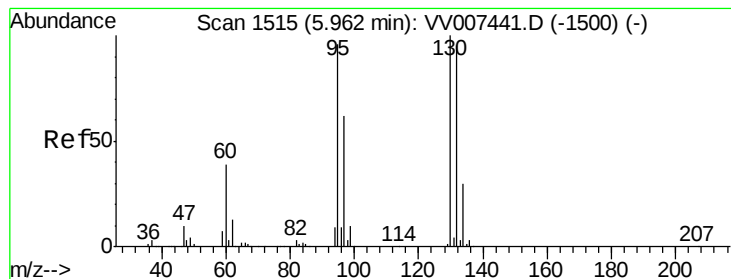
Tot Ion:117 Resp: 252602
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1



#33
Benzene
Concen: 50.013 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV007453.D
Acq: 07 Sep 2018 05:57

Tgt Ion: 78 Resp: 801963





#34

Trichloroethene

Concen: 46.801 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 183202

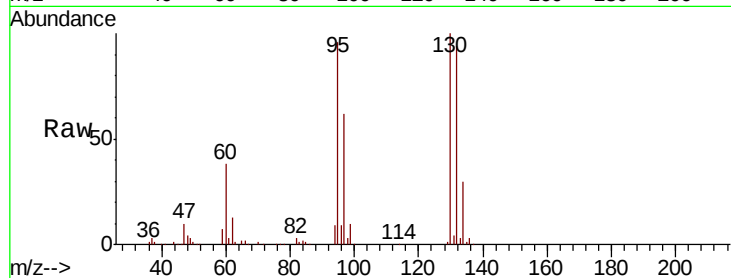
Ion Ratio Lower Upper

95 100

97 65.0 46.1 85.7

132 98.7 70.8 131.6

130 104.5 73.9 137.3

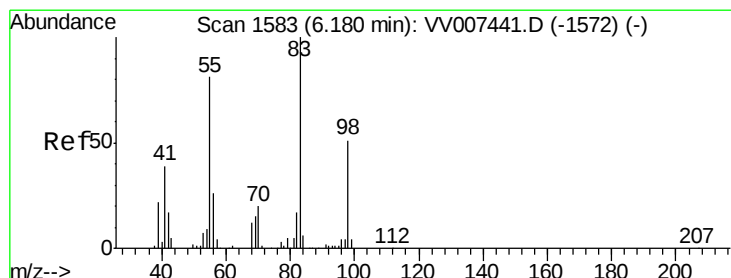
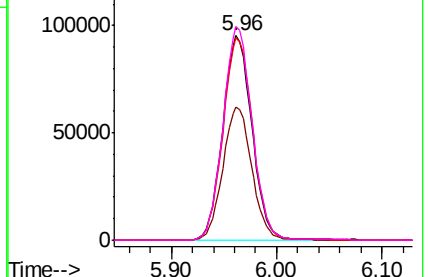
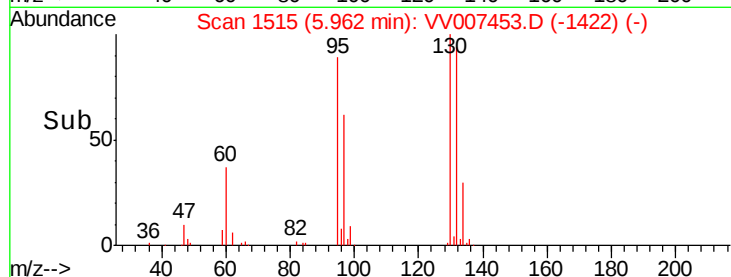


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 47.781 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

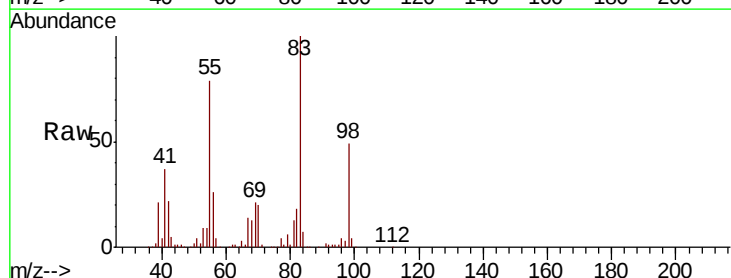
Tgt Ion: 83 Resp: 278908

Ion Ratio Lower Upper

83 100

55 78.1 63.0 94.4

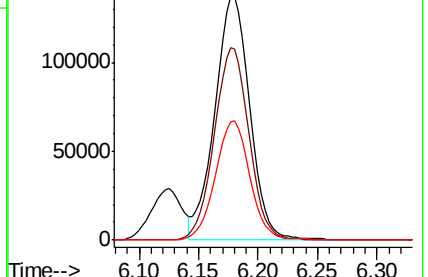
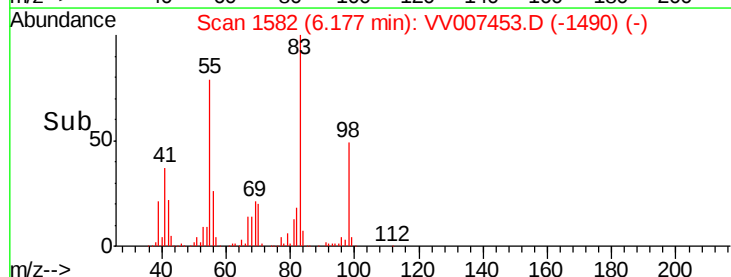
98 48.4 39.0 58.6

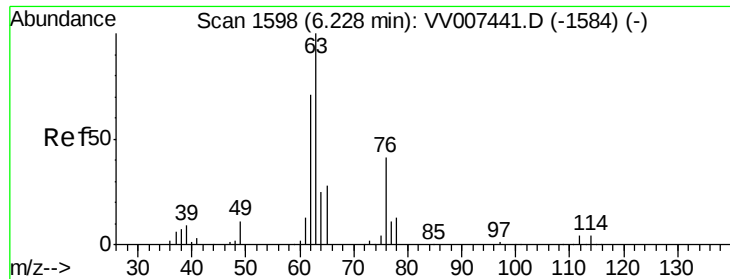


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

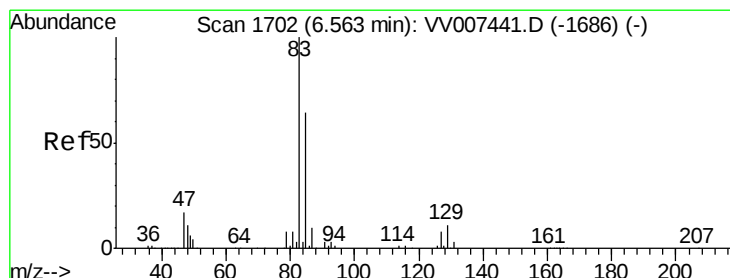
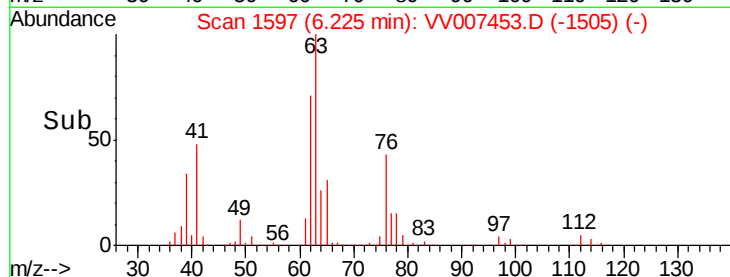
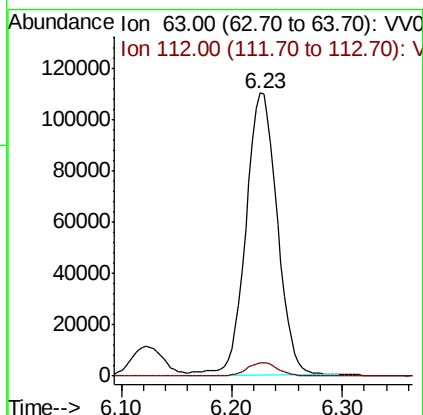
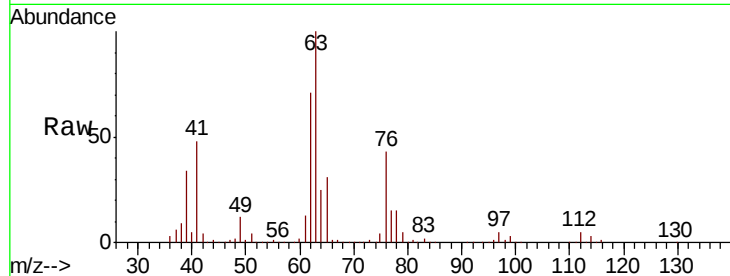




#37
 1,2-Dichloropropane
 Concen: 49.425 ug/L
 RT: 6.23 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

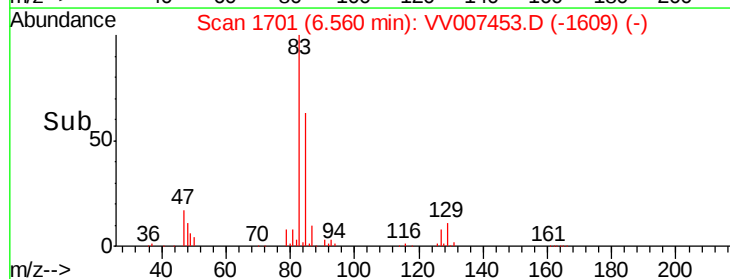
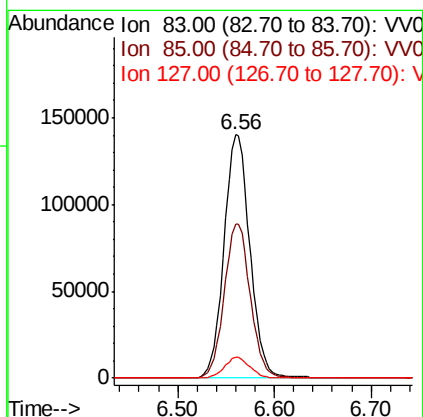
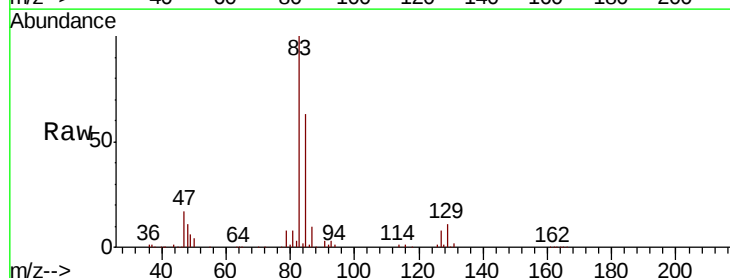
Instrument :
 MSVOA_V
 ClientSampleId :

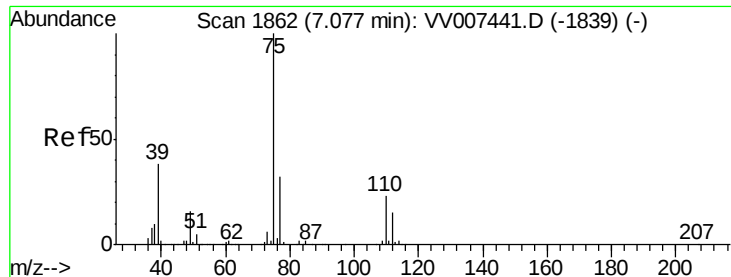
Tot Ion: 63 Resp: 217800
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.8 5.8



#38
 Bromodichloromethane
 Concen: 48.387 ug/L
 RT: 6.56 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

Tgt Ion: 83 Resp: 260356
 Ion Ratio Lower Upper
 83 100
 85 63.2 45.1 83.9
 127 8.3 6.9 10.3

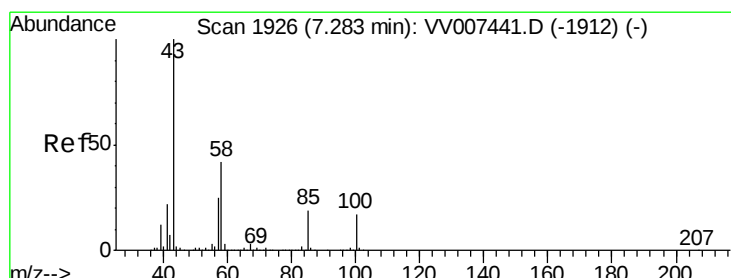
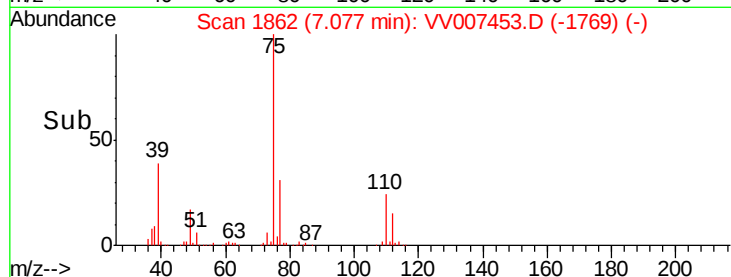
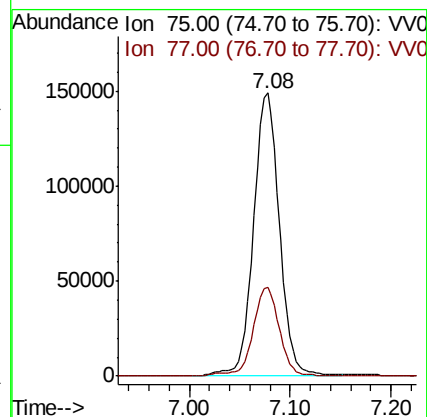
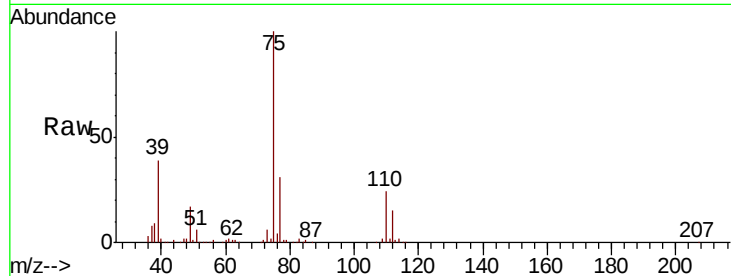




#39
 cis-1,3-Dichloropropene
 Concen: 44.617 ug/L
 RT: 7.08 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

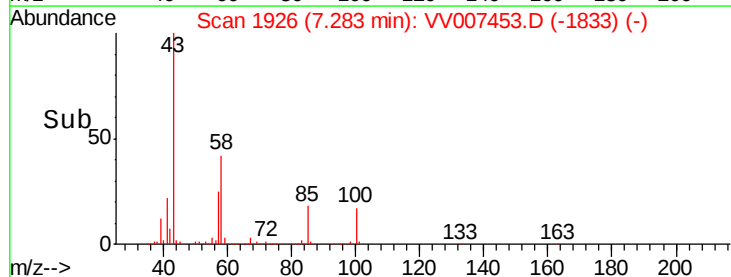
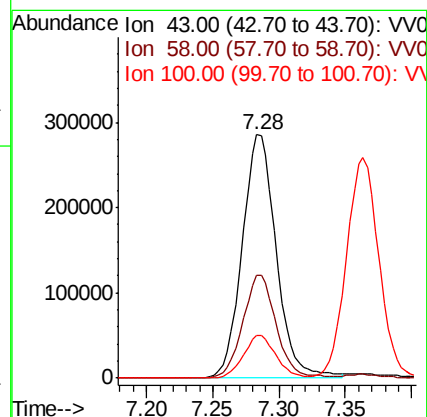
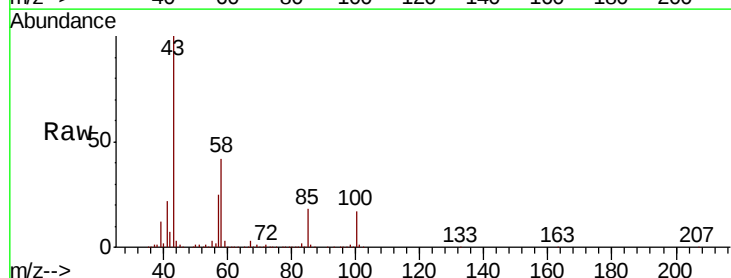
Instrument :
 MSVOA_V
 ClientSampleId :

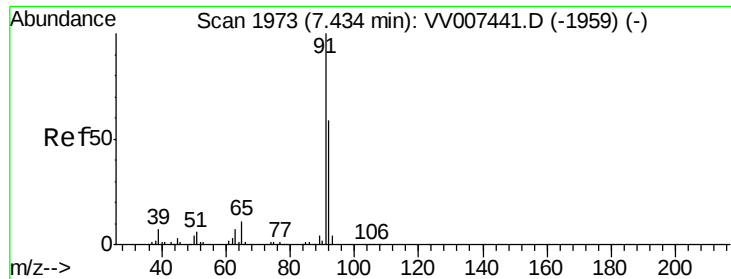
Tot Ion: 75 Resp: 264012
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 100.023 ug/L
 RT: 7.28 min Scan# 1926
 Delta R.T. 0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

Tgt Ion: 43 Resp: 509189
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.9 49.3
 100 16.7 13.3 19.9





#42

Toluene

Concen: 52.720 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

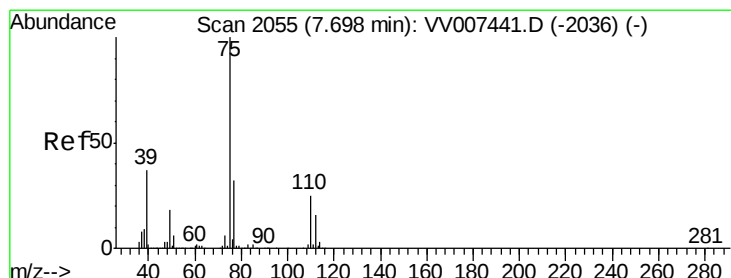
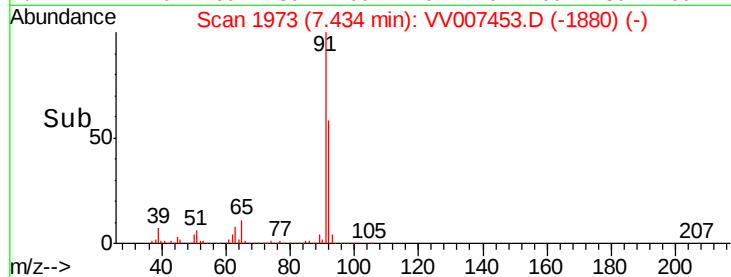
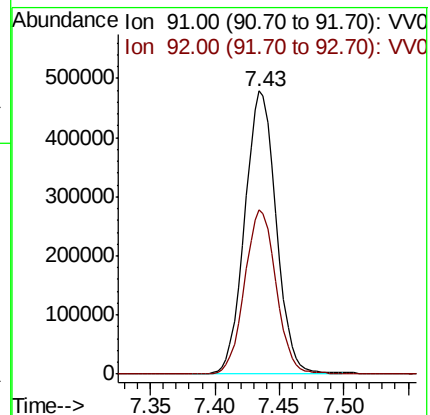
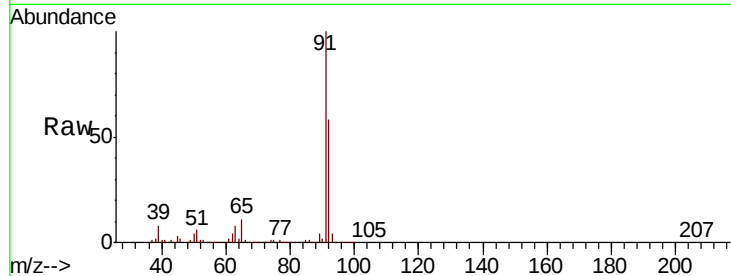
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 813250

Ion Ratio Lower Upper

91 100

92 57.8 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 45.851 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. 0.00 min

Lab File: VV007453.D

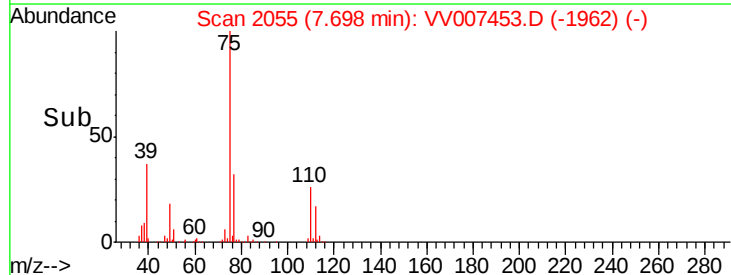
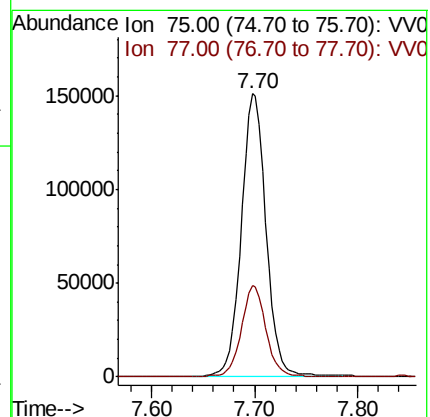
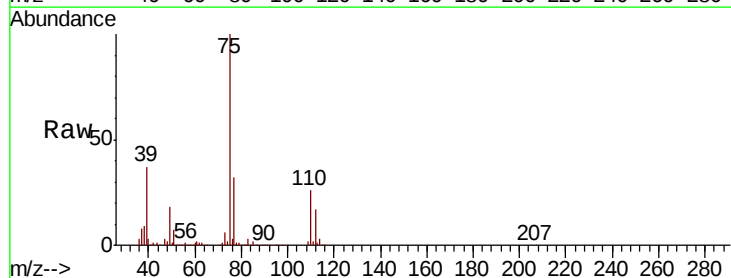
Acq: 07 Sep 2018 05:57

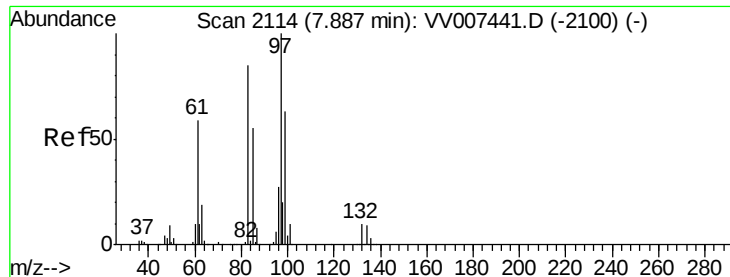
Tgt Ion: 75 Resp: 253697

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7

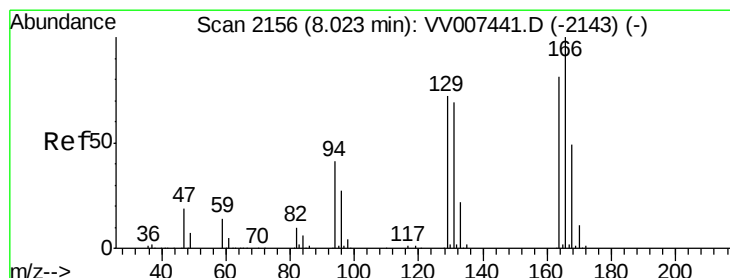
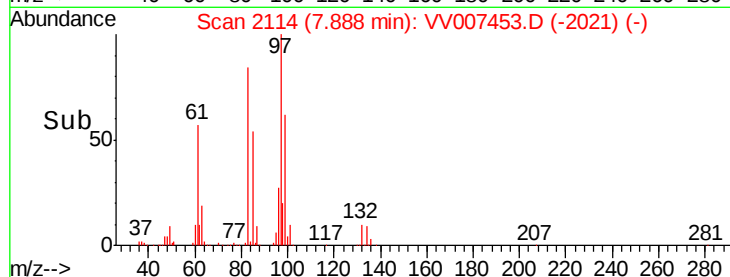
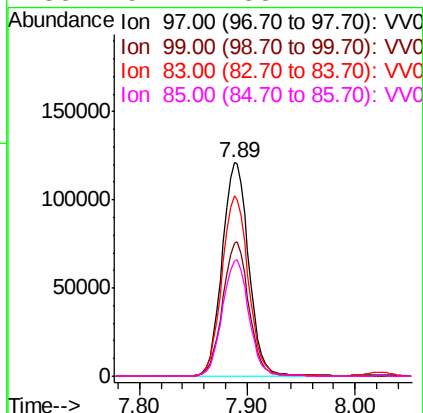
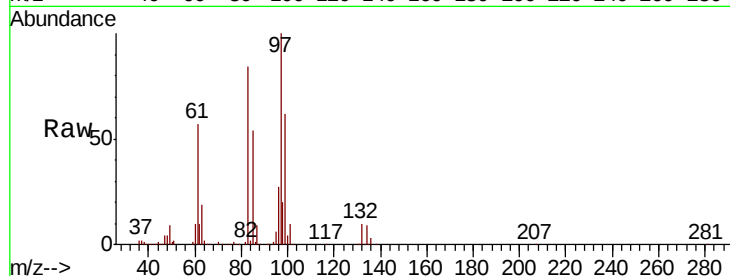




#45
 1,1,2-Trichloroethane
 Concen: 50.085 ug/L
 RT: 7.89 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

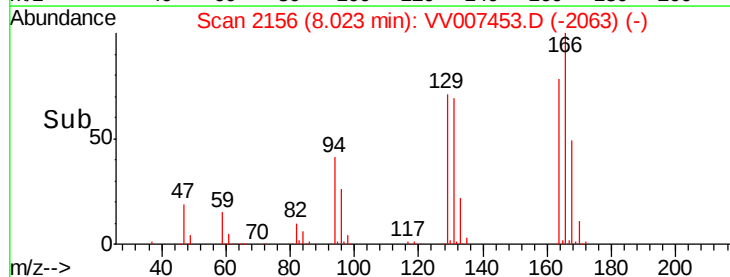
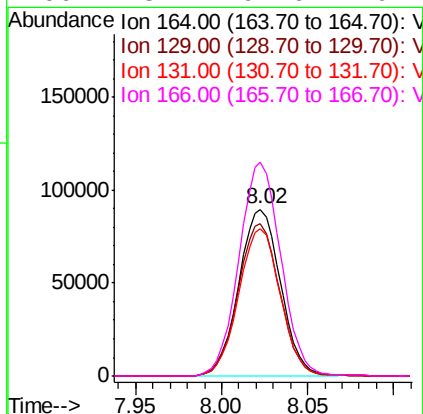
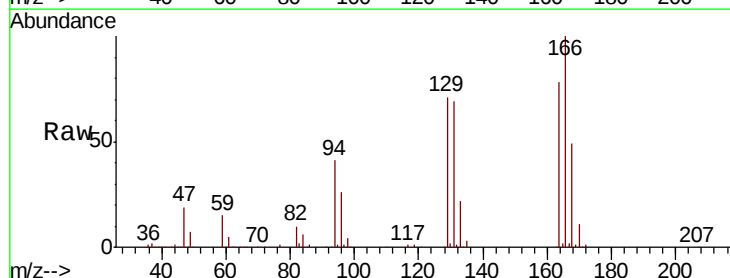
Instrument :
 MSVOA_V
 ClientSampleId :

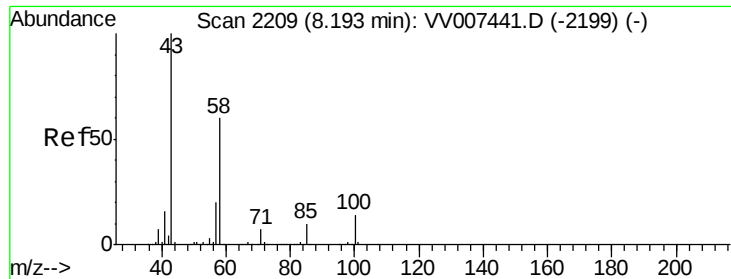
Tot Ion:	97	Resp:	208311
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.0	81.6
83	84.3	60.1	111.5
85	54.2	38.4	71.2



#46
 Tetrachloroethene
 Concen: 48.112 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

Tgt Ion:	164	Resp:	151439
Ion	Ratio	Lower	Upper
164	100		
129	91.4	63.9	118.7
131	88.7	62.6	116.2
166	128.2	91.6	170.2

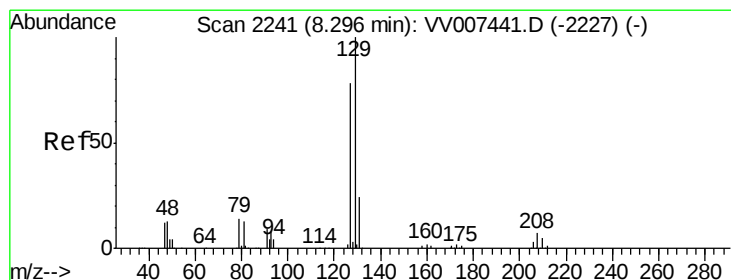
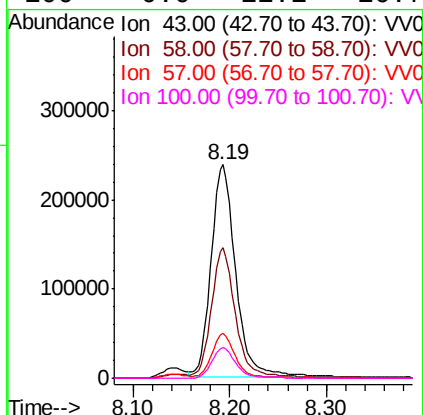
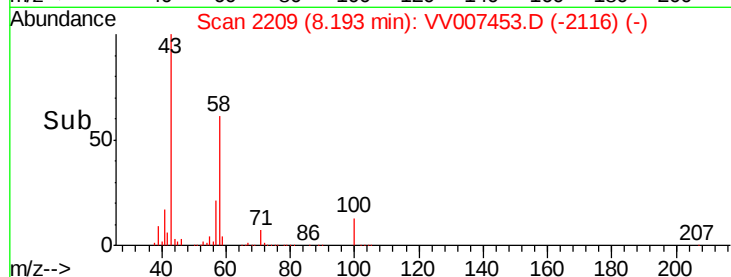
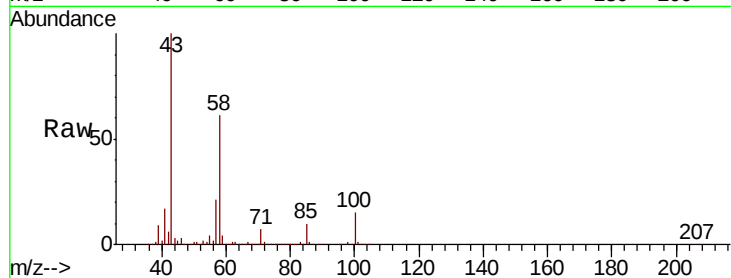




#48
2-Hexanone
Concen: 106.018 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV007453.D
Acq: 07 Sep 2018 05:57

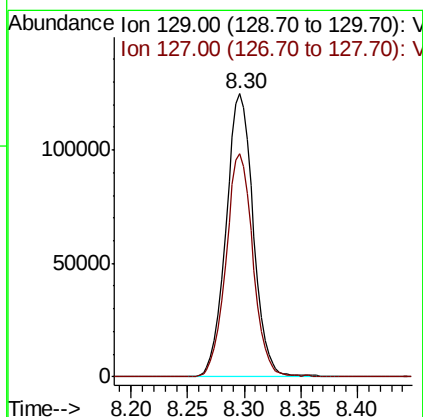
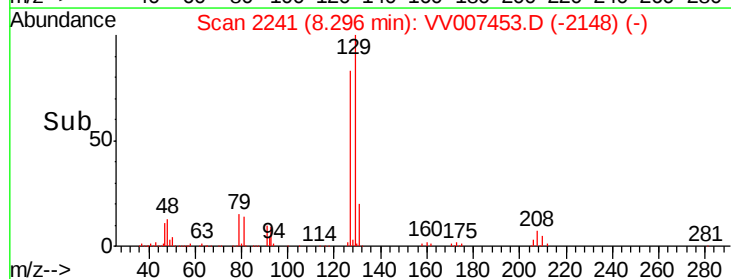
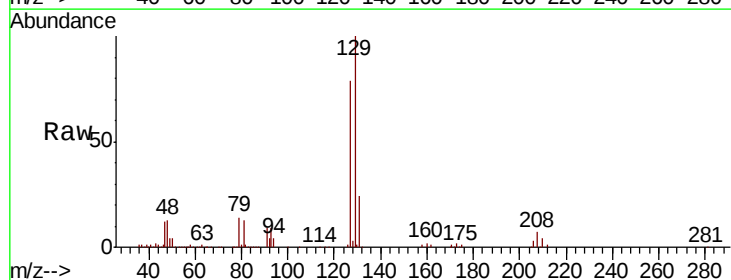
Instrument :
MSVOA_V
ClientSampleId :

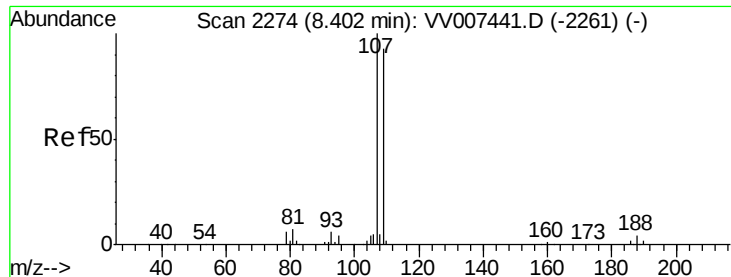
Tot Ion: 43 Resp: 420904
Ion Ratio Lower Upper
43 100
58 60.1 48.6 72.8
57 20.0 16.2 24.2
100 0.0 11.1 16.7#



#49
Dibromochloromethane
Concen: 49.208 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VV007453.D
Acq: 07 Sep 2018 05:57

Tgt Ion: 129 Resp: 209922
Ion Ratio Lower Upper
129 100
127 78.9 54.0 100.4

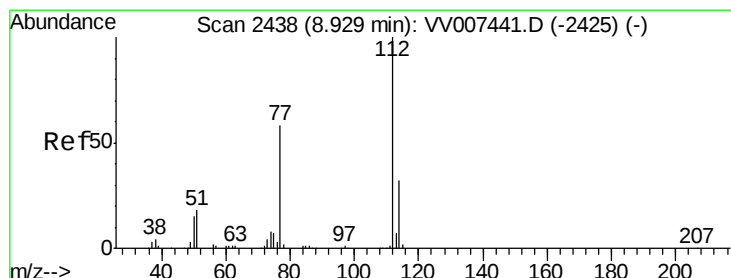
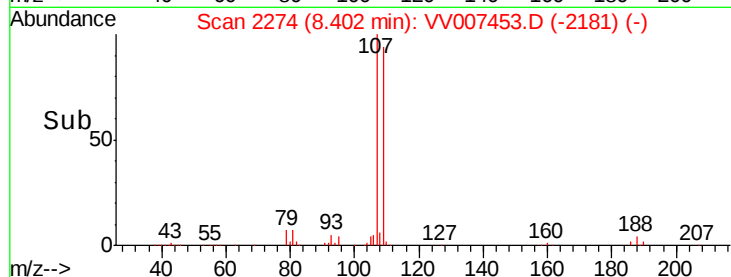
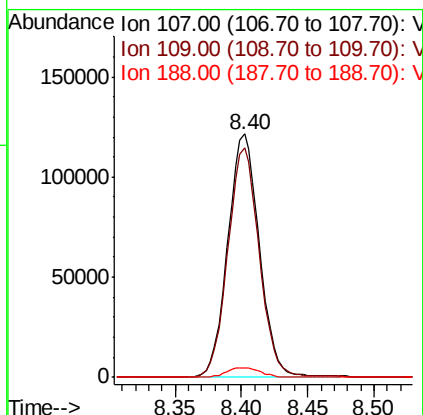
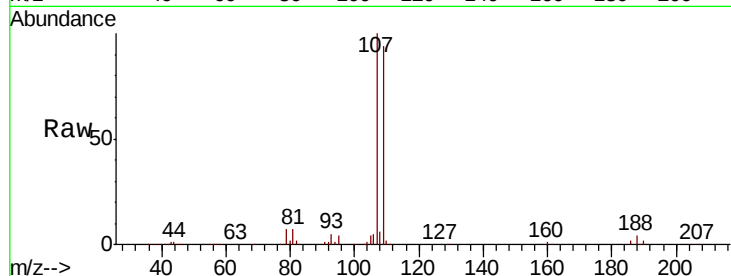




#50
 1,2-Dibromoethane
 Concen: 49.461 ug/L
 RT: 8.40 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

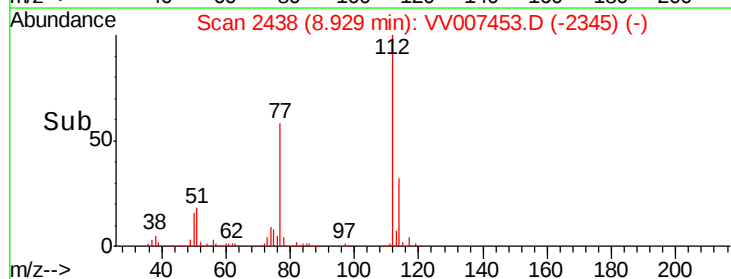
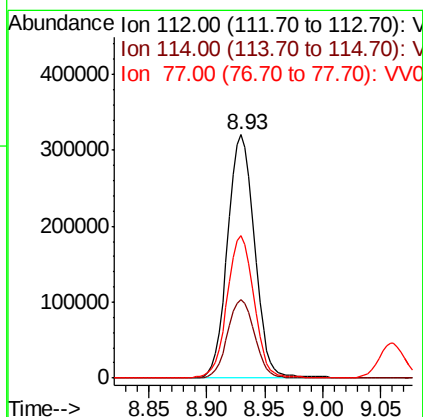
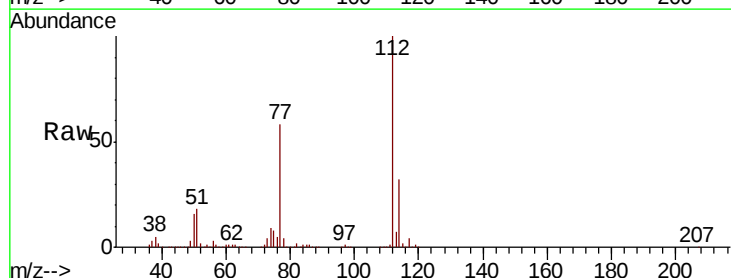
Instrument :
 MSVOA_V
 ClientSampleId :

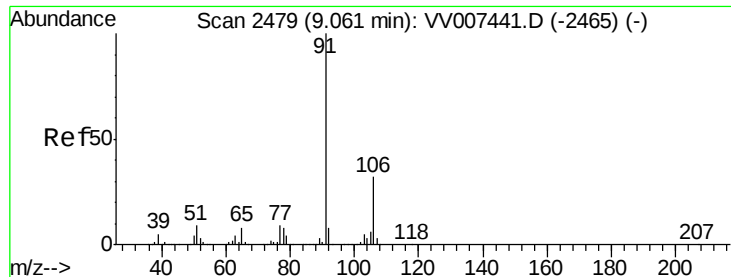
Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	64.8	120.3
188	4.0	3.1	4.7



#51
 Chlorobenzene
 Concen: 49.857 ug/L
 RT: 8.93 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	58.4	46.5	69.7

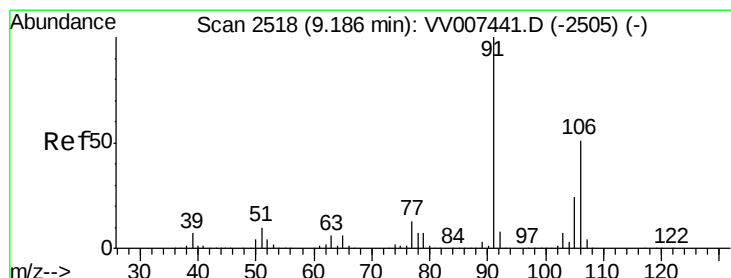
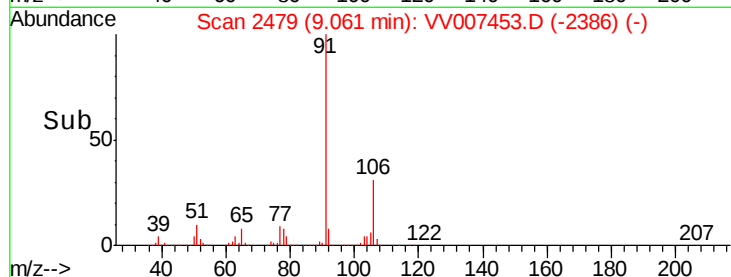
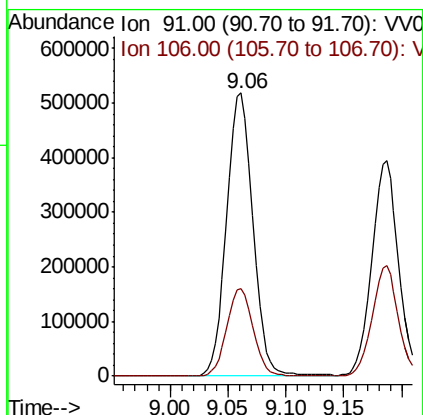
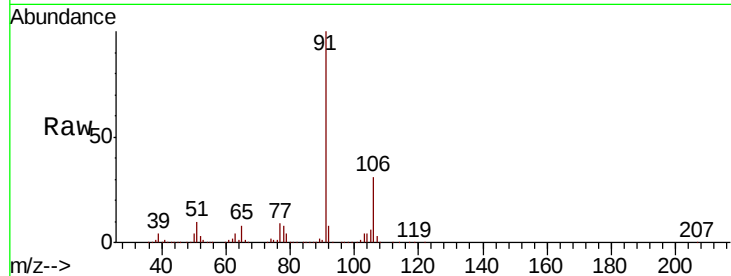




#52
Ethylbenzene
Concen: 51.990 ug/L
RT: 9.06 min Scan# 2479
Delta R.T. 0.00 min
Lab File: VV007453.D
Acq: 07 Sep 2018 05:57

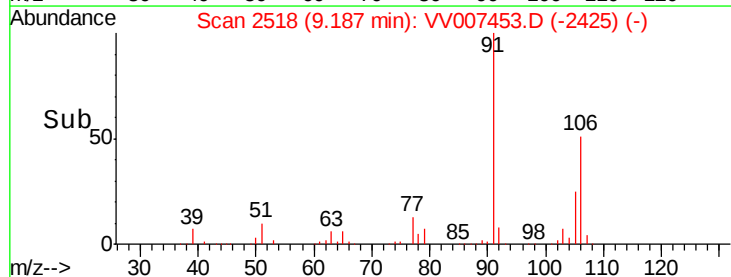
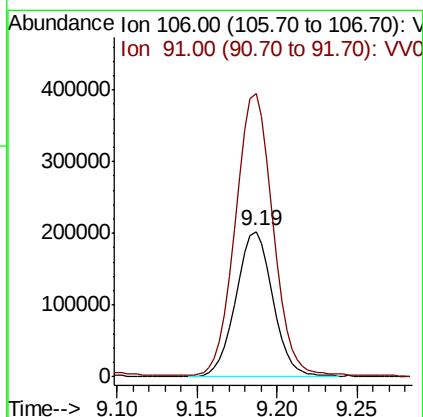
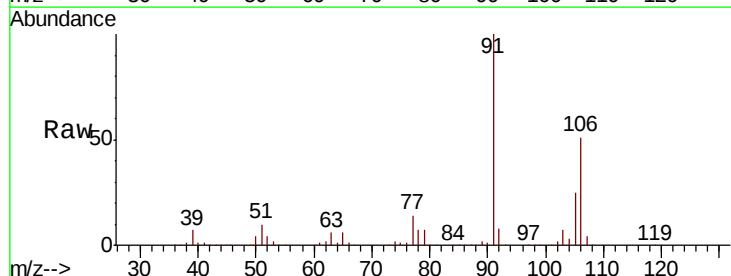
Instrument :
MSVOA_V
ClientSampleId :

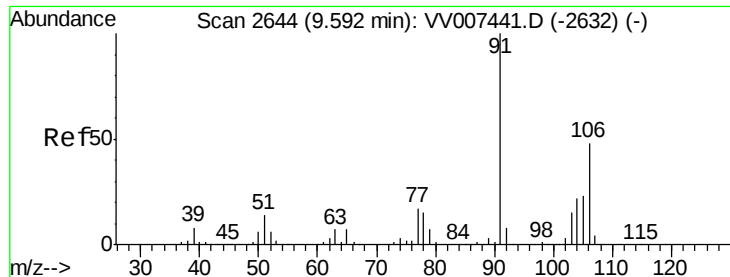
Tot Ion: 91 Resp: 813299
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.4



#53
m,p-Xylene
Concen: 52.821 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV007453.D
Acq: 07 Sep 2018 05:57

Tgt Ion: 106 Resp: 316345
Ion Ratio Lower Upper
106 100
91 194.6 138.0 256.2





#54

o-xylene

Concen: 52.874 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

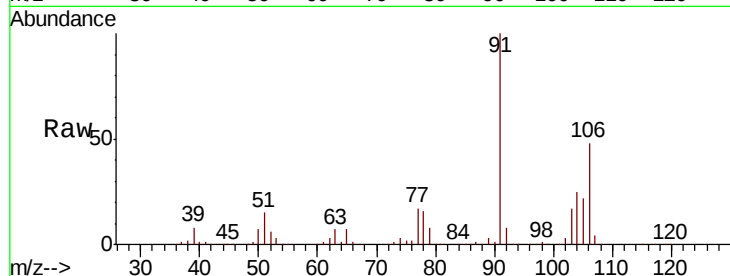
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 307923

Ion Ratio Lower Upper

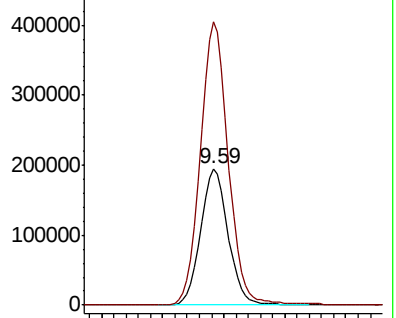
106 100

91 207.2 147.6 274.2

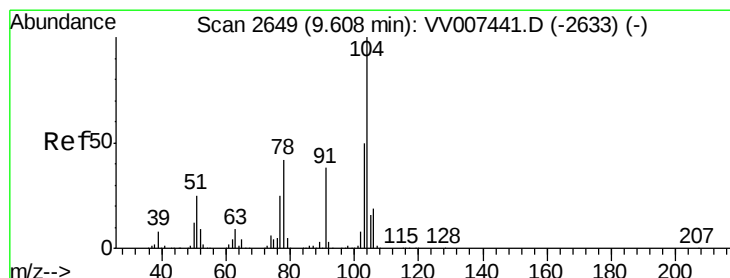
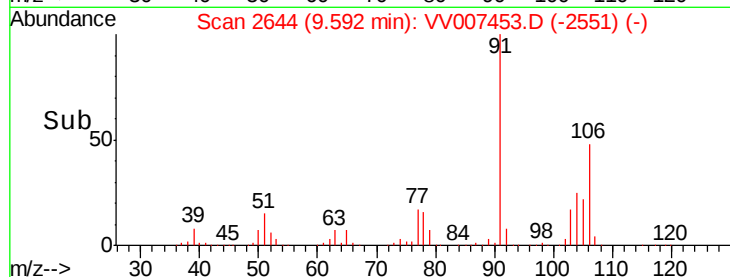


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



Time-->



#55

Styrene

Concen: 57.006 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.00 min

Lab File: VV007453.D

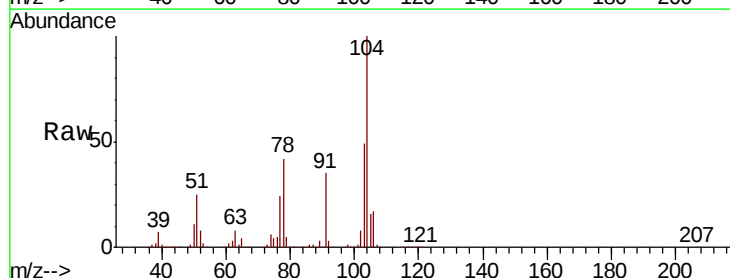
Acq: 07 Sep 2018 05:57

Tgt Ion:104 Resp: 575084

Ion Ratio Lower Upper

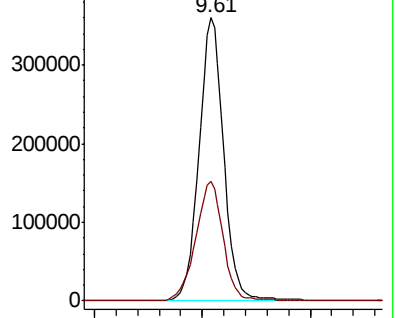
104 100

78 42.1 29.8 55.3

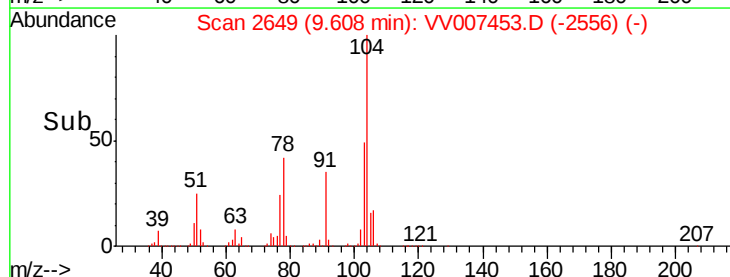


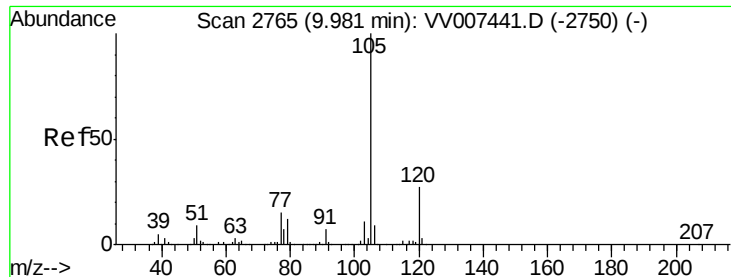
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0



Time-->





#56

Isopropylbenzene

Concen: 52.465 ug/L

RT: 9.98 min Scan# 2765

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

Instrument :

MSVOA_V

ClientSampleId :

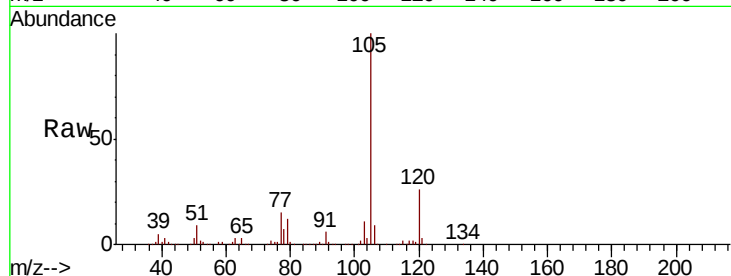
Tot Ion:105 Resp: 772777

Ion Ratio Lower Upper

105 100

120 26.7 21.4 32.0

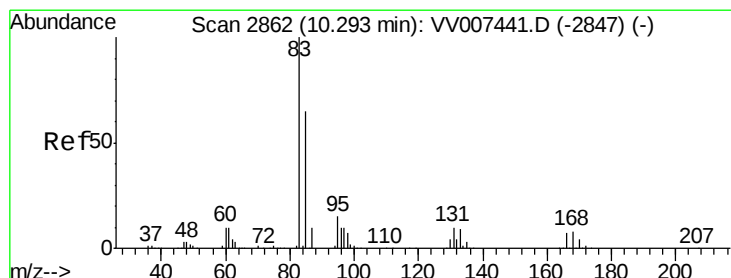
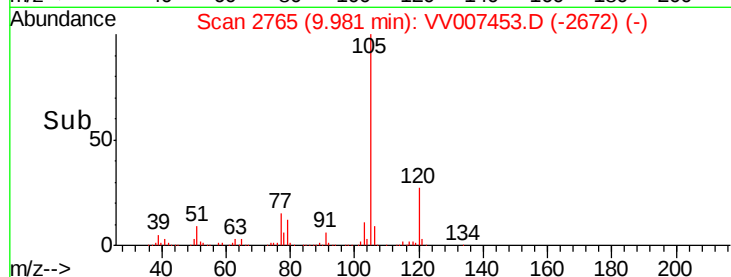
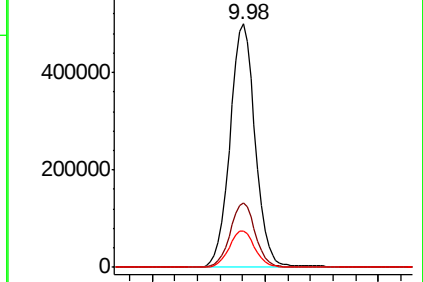
77 15.1 12.0 18.0



Abundance Ion 105.00 (104.70 to 105.70): VV007441.D (-2750) (-)

Ion 120.00 (119.70 to 120.70): VV007441.D (-2750) (-)

Ion 77.00 (76.70 to 77.70): VV007441.D (-2750) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 53.076 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

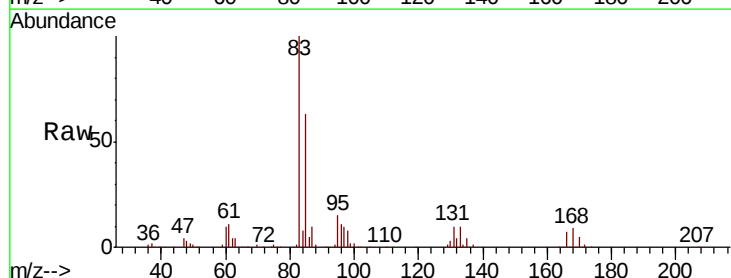
Tgt Ion: 83 Resp: 349166

Ion Ratio Lower Upper

83 100

85 63.1 44.7 82.9

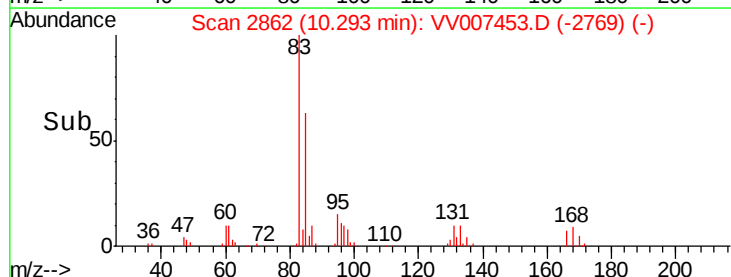
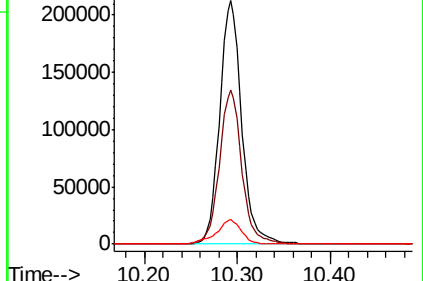
131 10.0 7.8 11.6

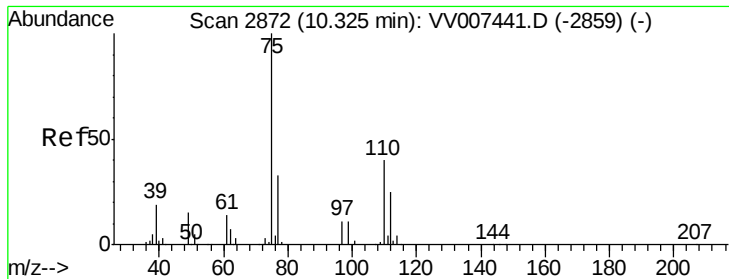


Abundance Ion 83.00 (82.70 to 83.70): VV007441.D (-2847) (-)

Ion 85.00 (84.70 to 85.70): VV007441.D (-2847) (-)

Ion 131.00 (130.70 to 131.70): VV007441.D (-2847) (-)





#59

1,2,3-Trichloropropane

Concen: 51.372 ug/L

RT: 10.32 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

Instrument :

MSVOA_V

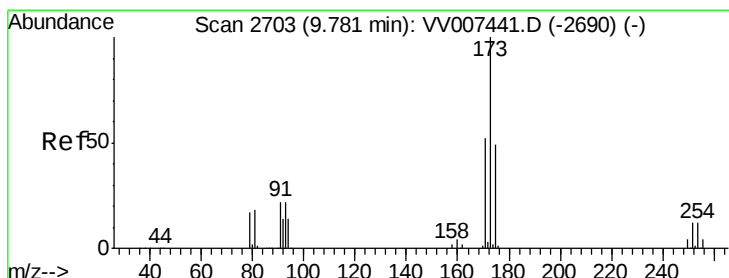
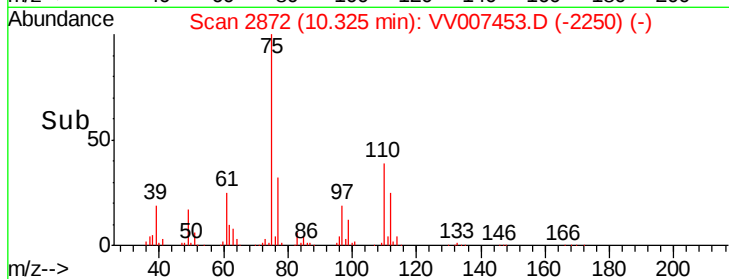
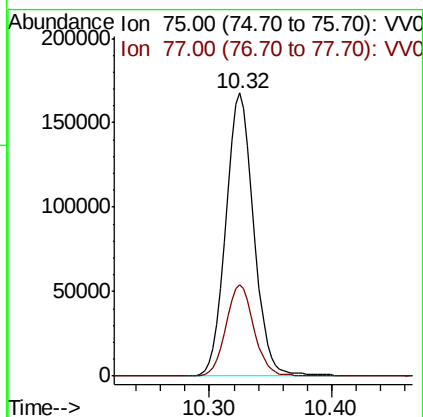
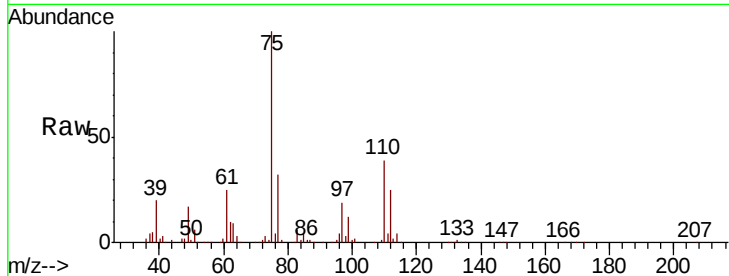
ClientSampleId :

Tot Ion: 75 Resp: 269239

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3



#61

Bromoform

Concen: 45.622 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

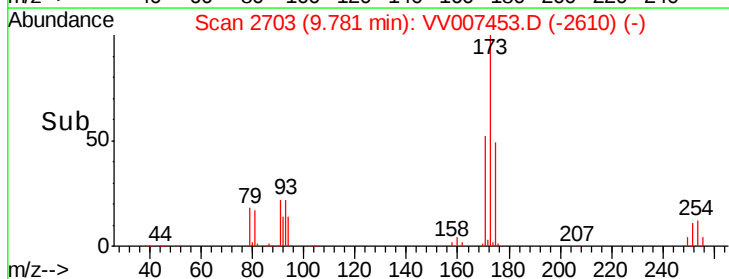
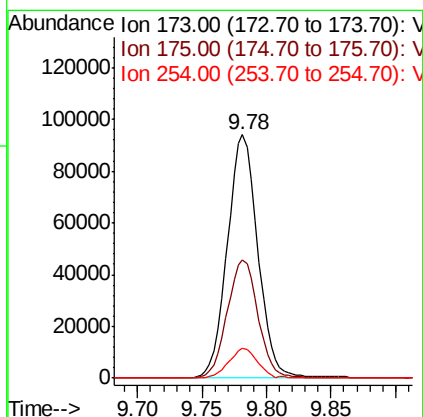
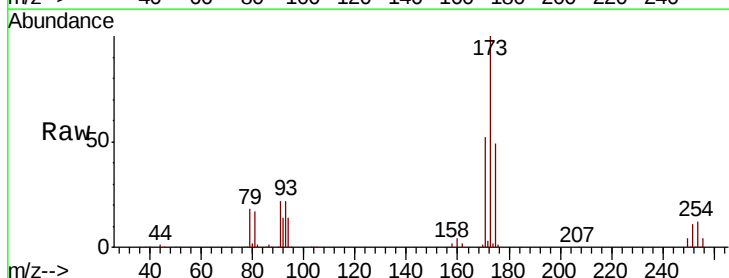
Tgt Ion: 173 Resp: 154545

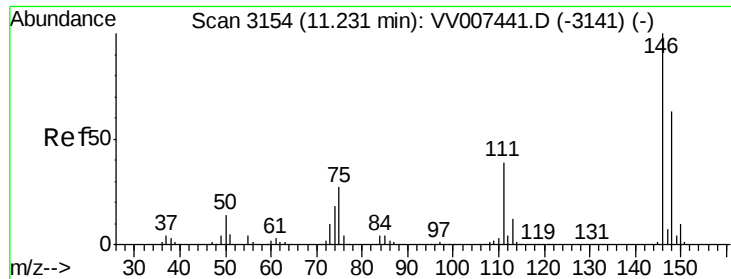
Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.6

254 11.3 9.3 13.9





#62

1,3-Dichlorobenzene

Concen: 47.845 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

Instrument :

MSVOA_V

ClientSampleId :

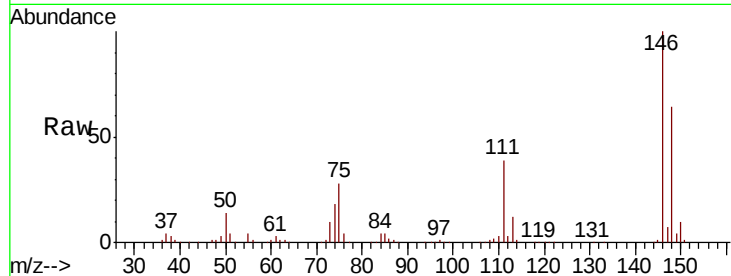
Tot Ion:146 Resp: 361561

Ion Ratio Lower Upper

146 100

111 38.9 27.5 51.1

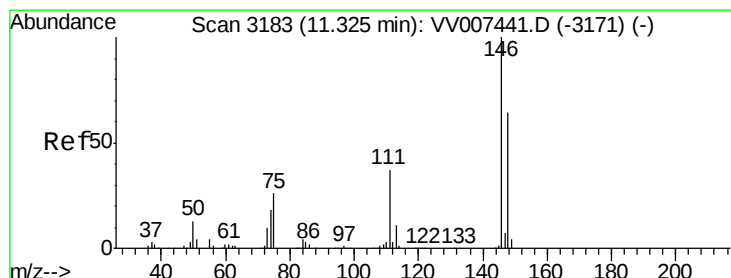
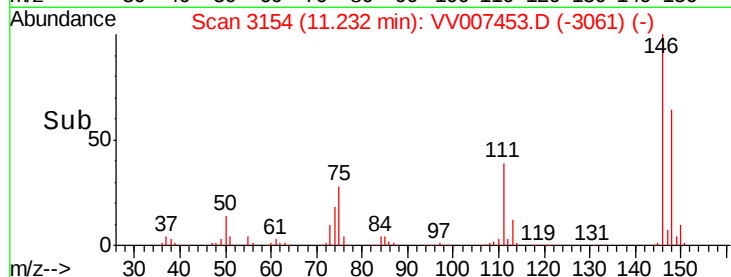
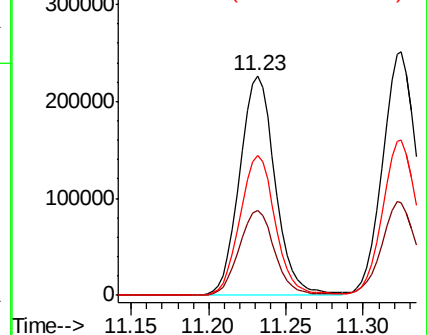
148 63.8 45.7 84.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 49.629 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

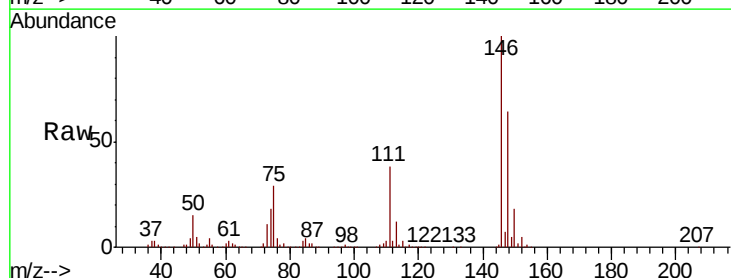
Tgt Ion:146 Resp: 402243

Ion Ratio Lower Upper

146 100

111 38.0 25.6 47.6

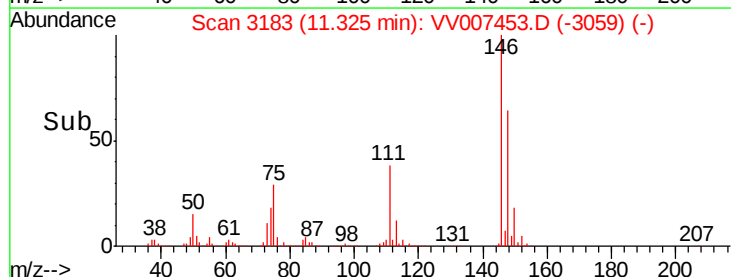
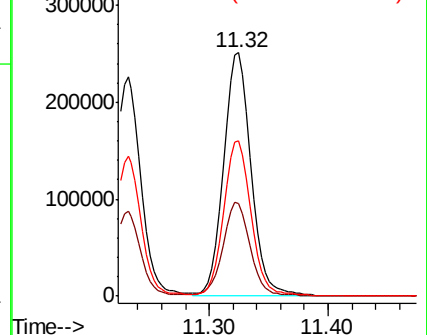
148 63.7 44.2 82.0

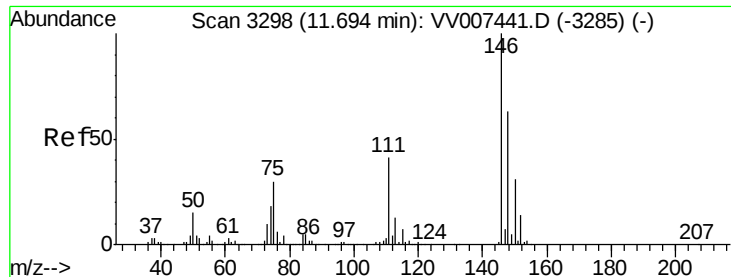


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

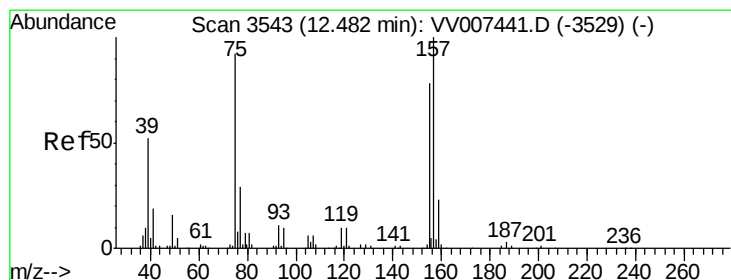
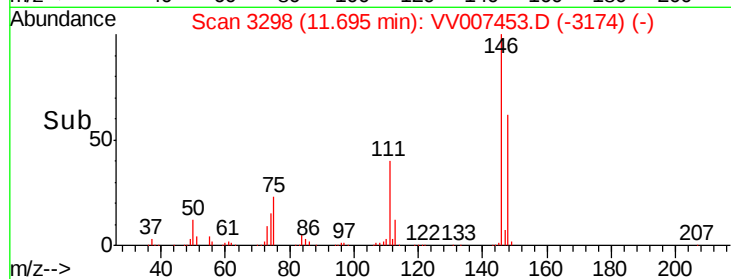
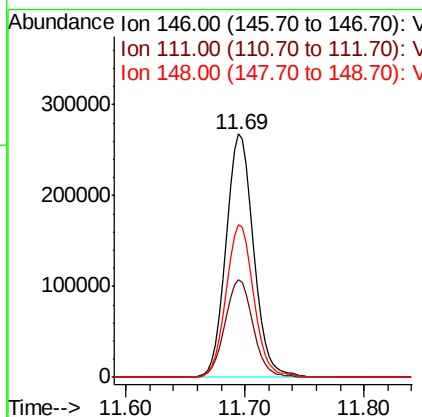
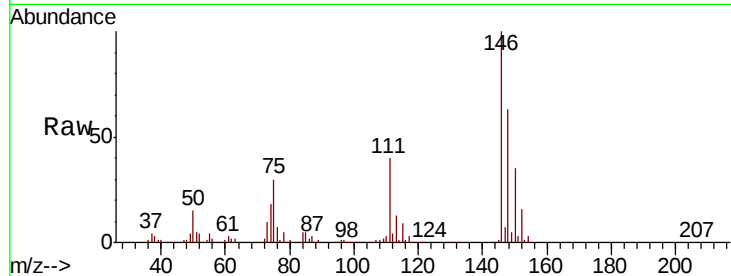




#65
 1,2-Dichlorobenzene
 Concen: 51.032 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

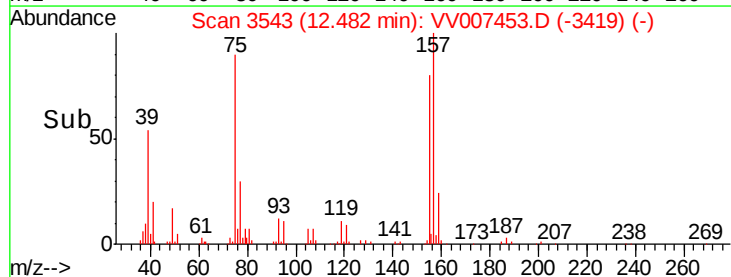
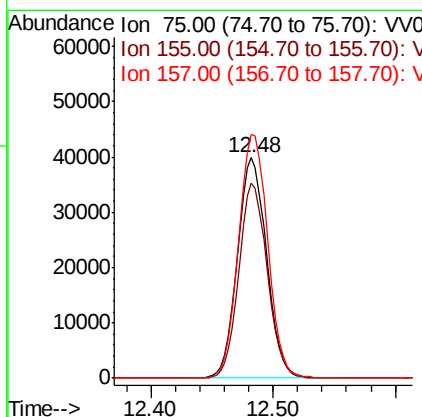
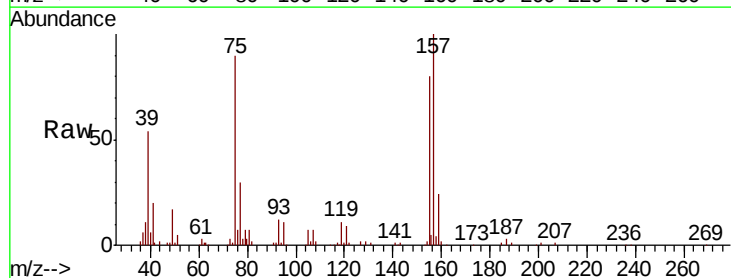
Instrument :
 MSVOA_V
 ClientSampleId :

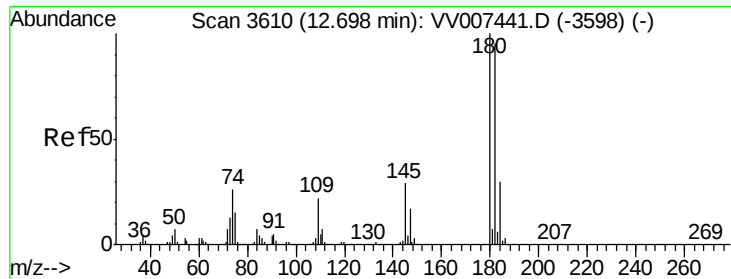
Tot Ion:146 Resp: 431120
 Ion Ratio Lower Upper
 146 100
 111 40.3 31.7 47.5
 148 62.5 50.0 75.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 45.819 ug/L
 RT: 12.48 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

Tgt Ion: 75 Resp: 65626
 Ion Ratio Lower Upper
 75 100
 155 88.8 70.6 105.8
 157 110.6 88.6 132.8

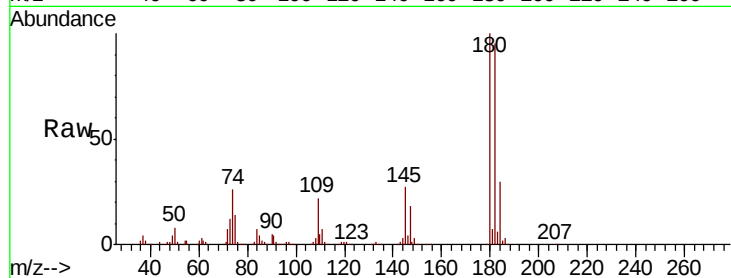




#67
 1,3,5-Trichlorobenzene
 Concen: 47.299 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	180	Resp	274288
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.8	115.2
184	30.7	24.2	36.2
145	27.5	22.6	34.0



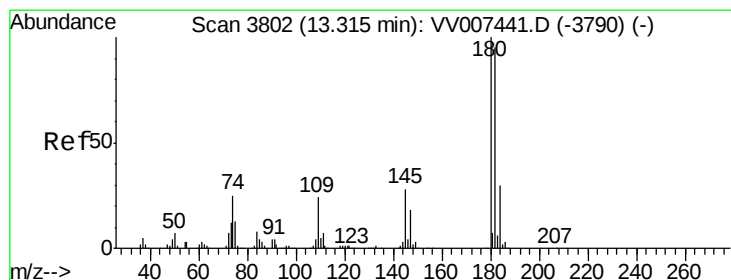
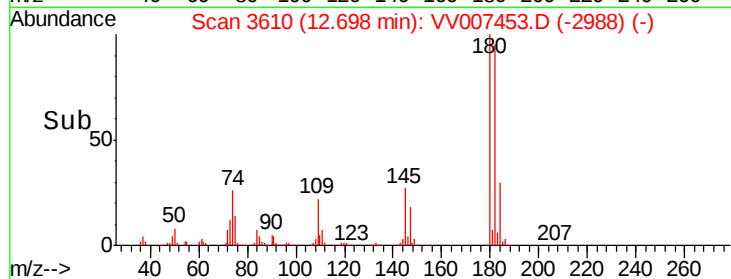
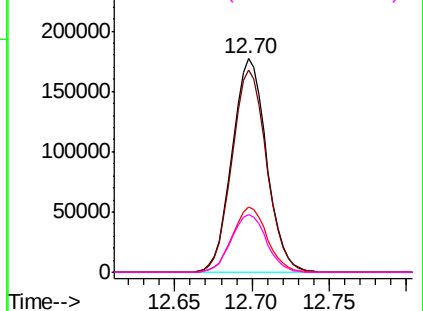
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

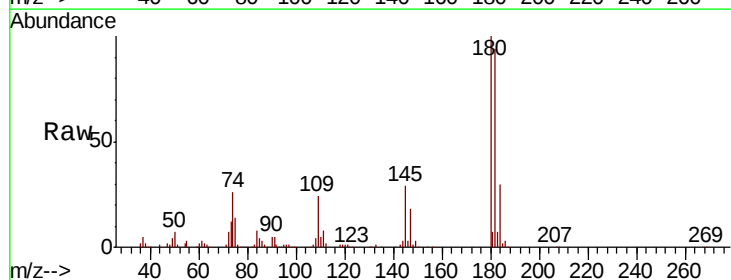
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 45.510 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV007453.D
 Acq: 07 Sep 2018 05:57

Tgt Ion	180	Resp	204446
Ion Ratio	Lower	Upper	
180	100		
182	95.3	77.0	115.4
145	28.9	22.9	34.3

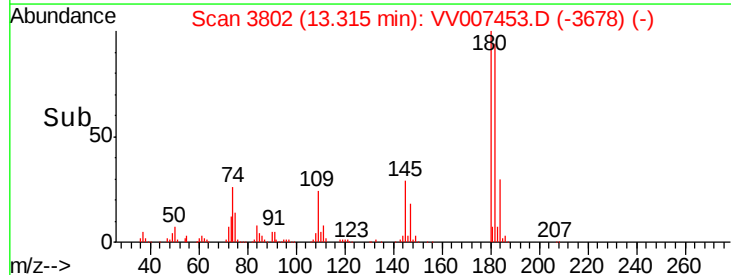
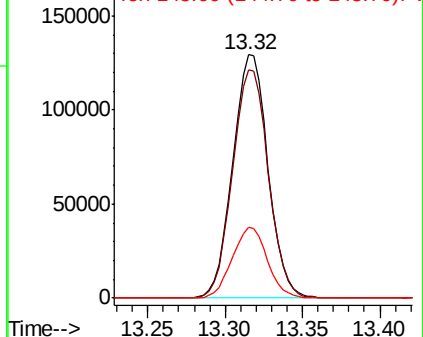


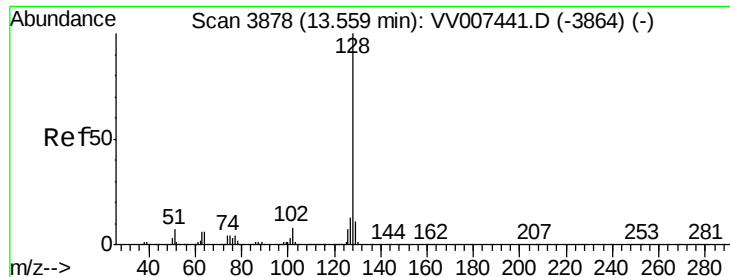
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 44.745 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

Instrument :

MSVOA_V

ClientSampleId :

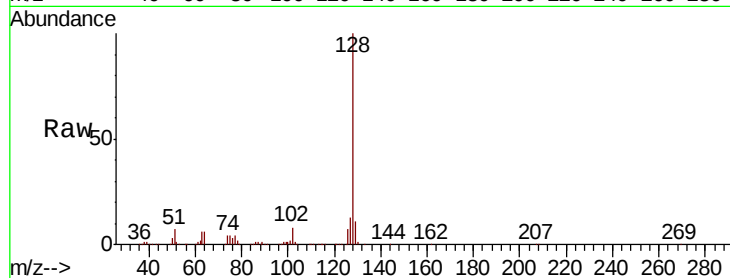
Tot Ion:128 Resp: 580152

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

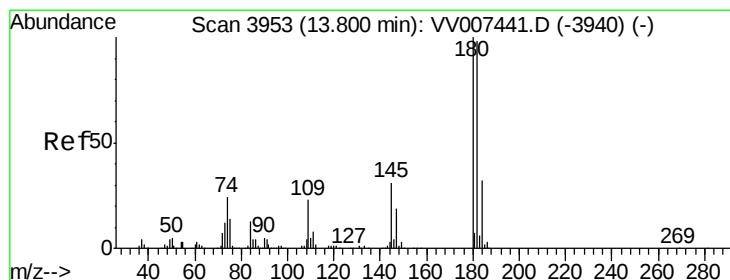
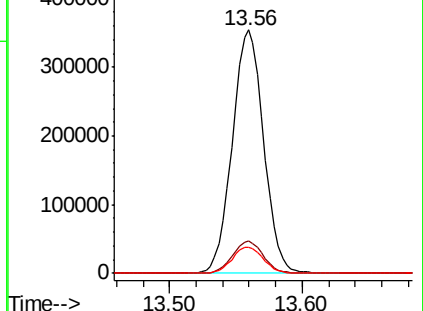
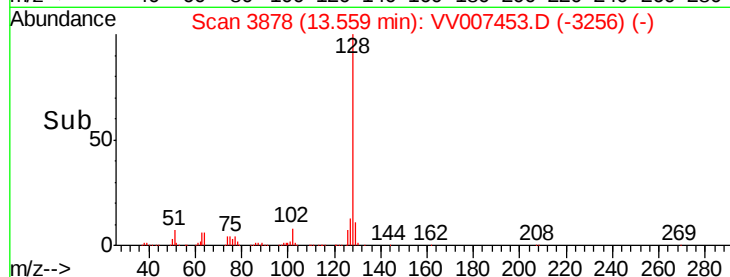
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 48.477 ug/L

RT: 13.80 min Scan# 3953

Delta R.T. 0.00 min

Lab File: VV007453.D

Acq: 07 Sep 2018 05:57

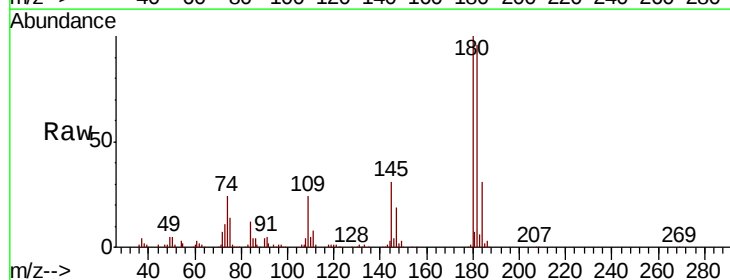
Tgt Ion:180 Resp: 240644

Ion Ratio Lower Upper

180 100

182 96.0 77.2 115.8

145 31.0 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

