

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007064.D
 Acq On : 17 Aug 2018 19:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:40:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243820	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238710	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109028	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79462	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.58	69	72120	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.13	63	159131	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.80%
20) 2-Butanone-d5	3.97	46	274727	60.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.40%
24) Chloroform-d	4.41	84	187959	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.80%
26) 1,2-Dichloroethane-d4	5.09	65	96745	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
32) Benzene-d6	5.10	84	354117	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
36) 1,2-Dichloropropane-d6	6.12	67	119546	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.36	98	323946	6.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.20%
43) trans-1,3-Dichloropropene-	7.67	79	40738	5.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.60%
46) 2-Hexanone-d5	8.15	63	157099	52.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	97990	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	109643	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	124340	5.237 ug/L	99
3) Chloromethane	1.25	50	120387	5.268 ug/L	99
5) Vinyl chloride	1.32	62	122495	5.187 ug/L	96
6) Bromomethane	1.53	94	30727	5.994 ug/L	99
8) Chloroethane	1.60	64	73233	5.111 ug/L	98
9) Trichlorofluoromethane	1.77	101	163096	5.427 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	99517	5.518 ug/L	99
12) 1,1-Dichloroethene	2.14	96	90746	5.183 ug/L	96
13) Acetone	2.21	43	150330	64.504 ug/L	98
14) Carbon disulfide	2.32	76	276012	4.775 ug/L	100
15) Methyl Acetate	2.47	43	38674	5.896 ug/L	95
16) Methylene chloride	2.54	84	103639	4.909 ug/L	96
17) Methyl tert-butyl Ether	2.82	73	235586	5.612 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	101971	5.439 ug/L	99
19) 1,1-Dichloroethane	3.23	63	179559	5.305 ug/L	98
21) 2-Butanone	4.06	43	309833	61.231 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	112879	5.306 ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007064.D
 Acq On : 17 Aug 2018 19:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:40:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

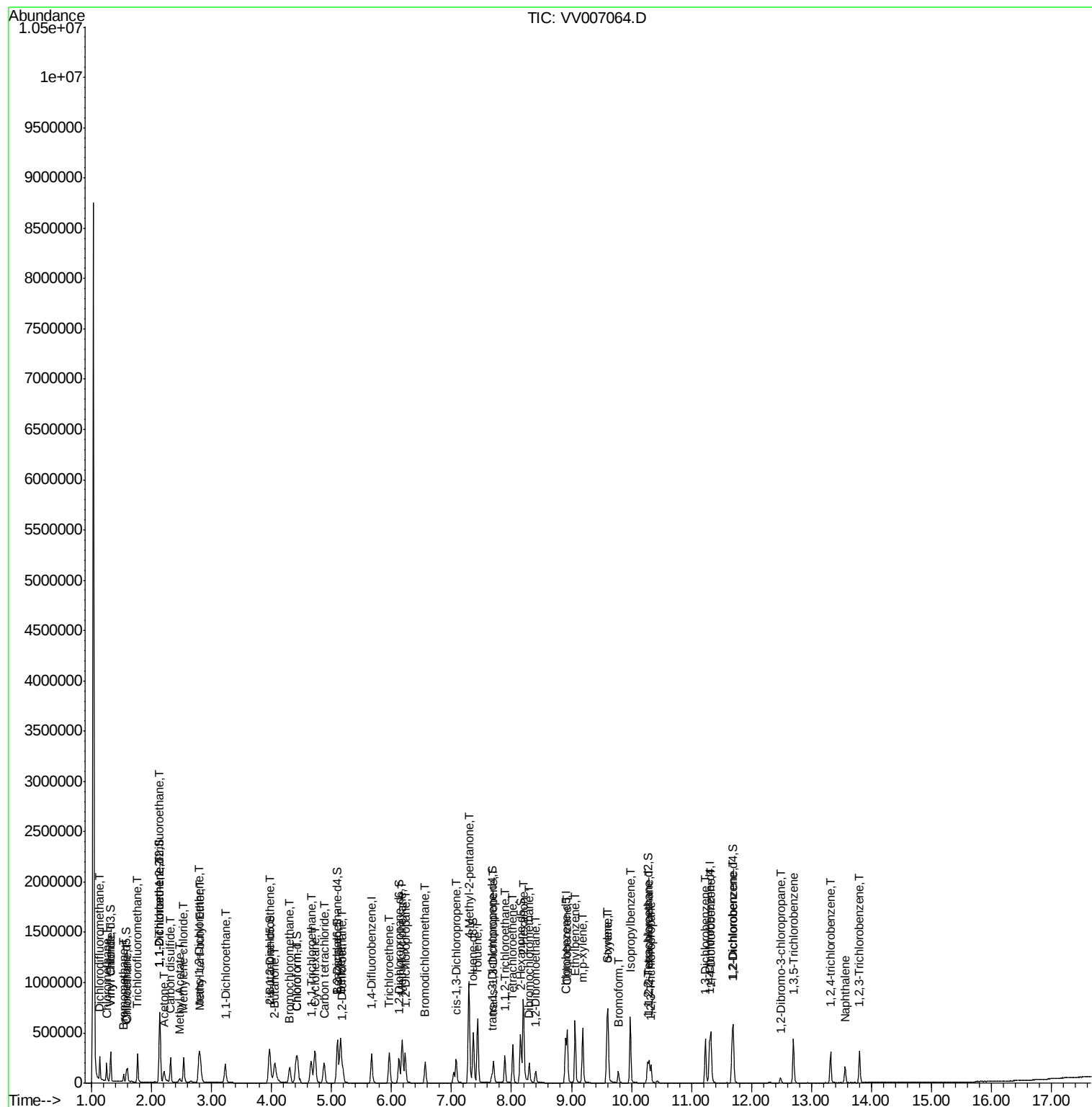
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	51559	5.946	ug/L	90
25) Chloroform	4.43	83	207782	5.611	ug/L	99
27) 1,2-Dichloroethane	5.19	62	126860	5.493	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	173042	5.437	ug/L	99
30) Cyclohexane	4.73	56	155590	4.696	ug/L	100
31) Carbon tetrachloride	4.88	117	146422	5.485	ug/L	99
33) Benzene	5.15	78	446175	5.395	ug/L	100
34) Trichloroethene	5.96	95	104580	5.274	ug/L	97
35) Methylcyclohexane	6.18	83	152780	4.799	ug/L	98
37) 1,2-Dichloropropane	6.23	63	121070	5.348	ug/L	99
38) Bromodichloromethane	6.56	83	145382	5.652	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	138754	5.074	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	686301	56.125	ug/L	98
42) Toluene	7.44	91	455129	5.727	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	118822	5.294	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	83884	5.696	ug/L	99
47) Tetrachloroethene	8.02	164	88235	5.488	ug/L	98
48) 2-Hexanone	8.20	43	534955	62.030	ug/L	95
49) Dibromochloromethane	8.30	129	93812	6.073	ug/L	100
50) 1,2-Dibromoethane	8.40	107	72905	5.861	ug/L #	99
51) Chlorobenzene	8.93	112	279303	5.514	ug/L	98
52) Ethylbenzene	9.06	91	420363	5.297	ug/L	99
53) m,p-xylene	9.19	106	156471	5.290	ug/L	99
54) o-xylene	9.59	106	150580	5.372	ug/L	97
55) Styrene	9.61	104	265758	5.625	ug/L	99
56) Isopropylbenzene	9.98	105	393653	5.353	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	105343	5.885	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	75804	5.982	ug/L	99
61) Bromoform	9.78	173	51453	6.231	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	191083	5.416	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	194878	5.389	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	198152	5.710	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12635	5.129	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	143919	5.390	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	103355	5.274	ug/L	98
69) Naphthalene	13.56	128	132460	4.707	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	100488	5.320	ug/L	99

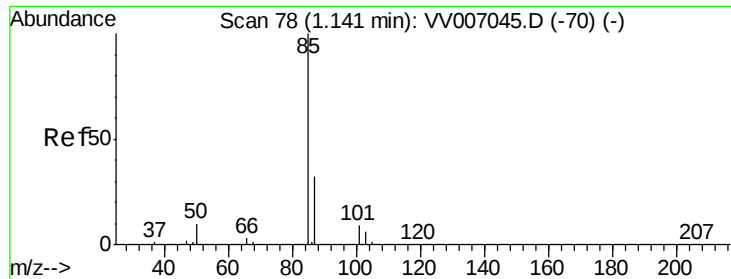
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
Data File : VV007064.D
Acq On : 17 Aug 2018 19:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 18 03:40:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 18 03:36:46 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.237 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

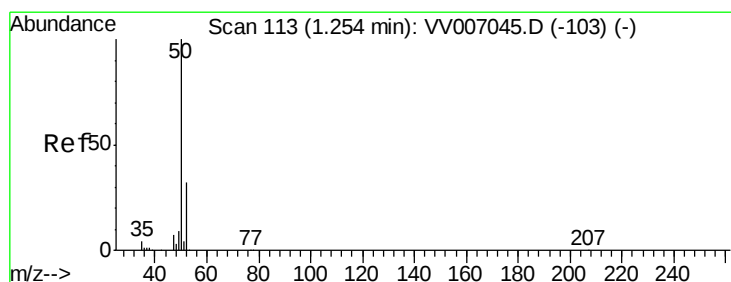
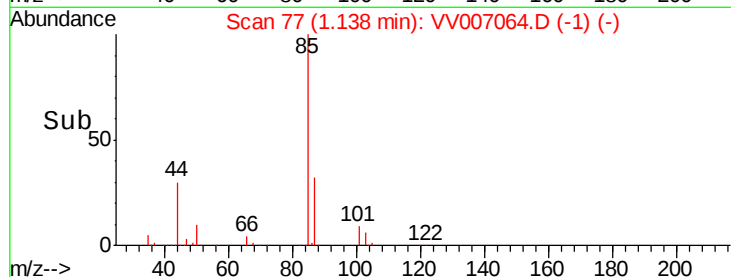
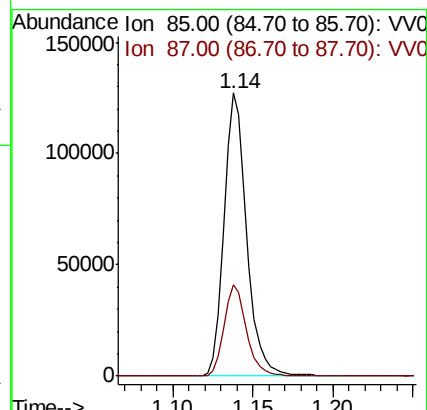
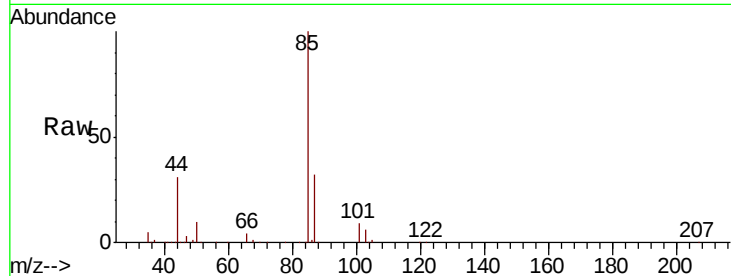
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 85 Resp: 124340

Ion Ratio Lower Upper

85 100

87 32.5 25.4 38.2



#3

Chloromethane

Concen: 5.268 ug/L

RT: 1.25 min Scan# 112

Delta R.T. -0.00 min

Lab File: VV007064.D

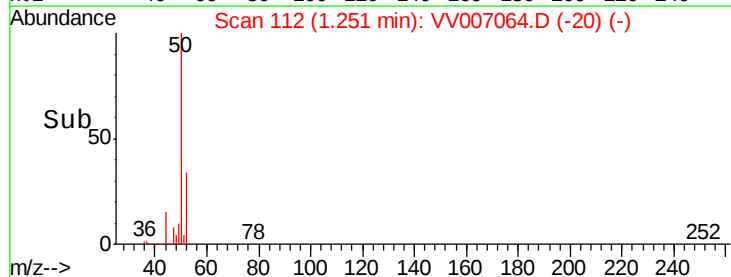
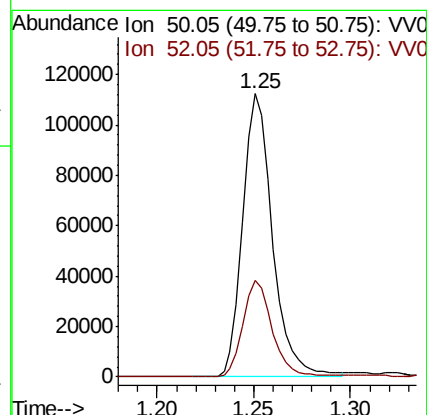
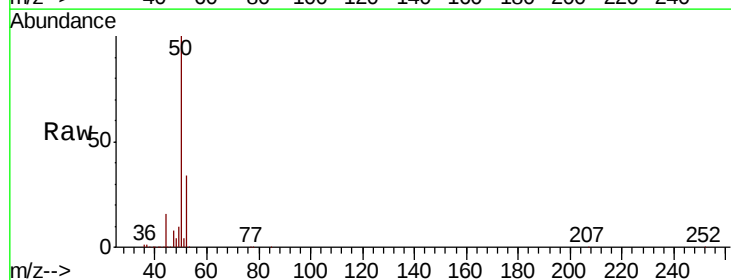
Acq: 17 Aug 2018 19:30

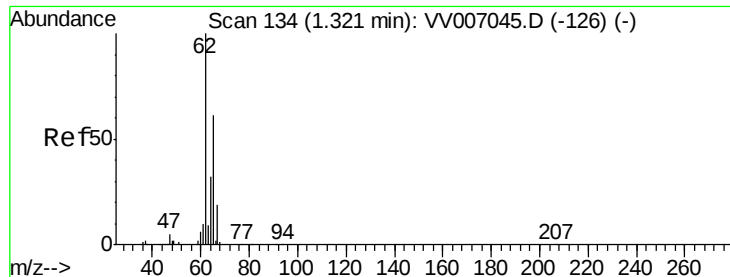
Tgt Ion: 50 Resp: 120387

Ion Ratio Lower Upper

50 100

52 34.0 23.6 43.8





#5

Vinyl chloride

Concen: 5.187 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

Instrument :

MSVOA_V

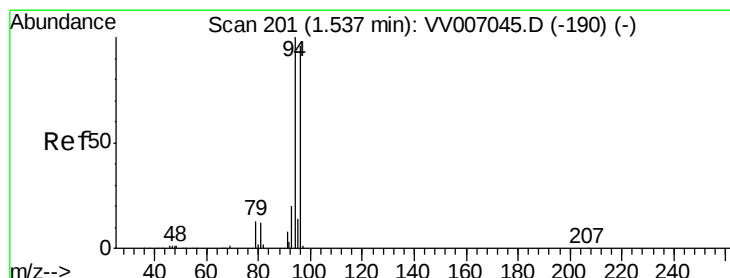
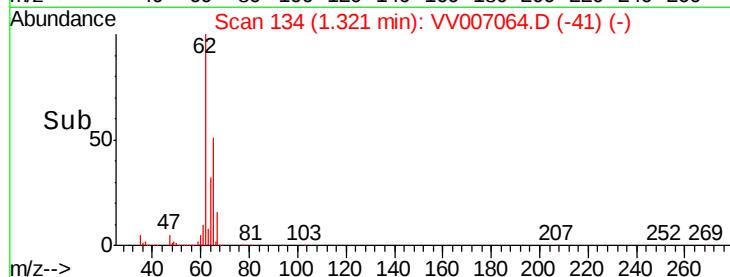
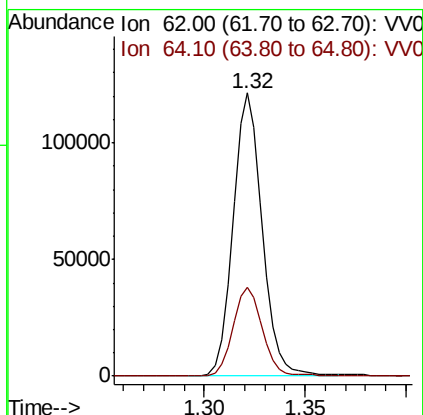
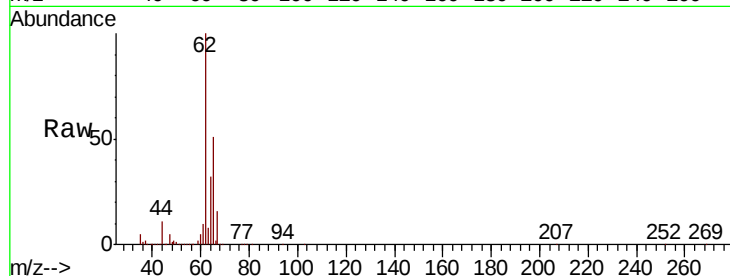
ClientSampleId :

Tot Ion: 62 Resp: 122495

Ion Ratio Lower Upper

62 100

64 31.6 23.5 43.7



#6

Bromomethane

Concen: 5.994 ug/L

RT: 1.53 min Scan# 200

Delta R.T. -0.00 min

Lab File: VV007064.D

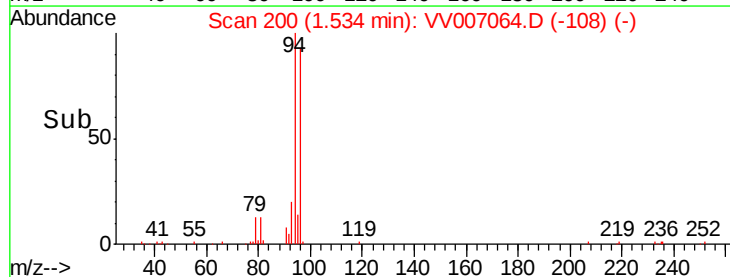
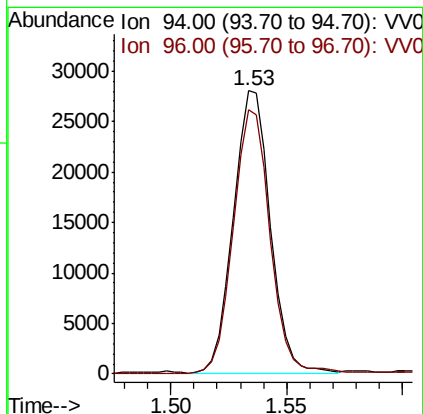
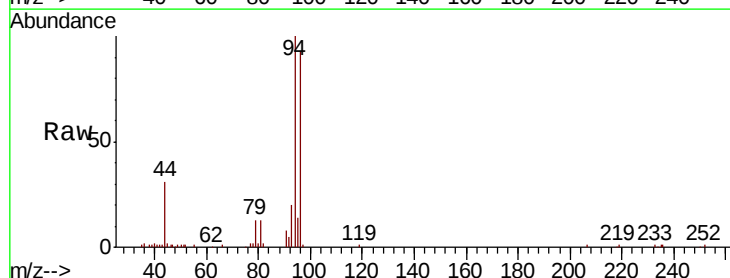
Acq: 17 Aug 2018 19:30

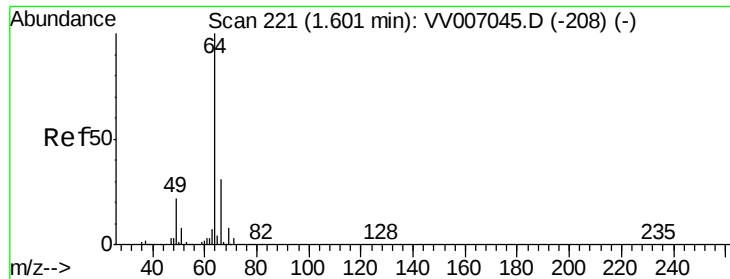
Tgt Ion: 94 Resp: 30727

Ion Ratio Lower Upper

94 100

96 93.4 65.0 120.6

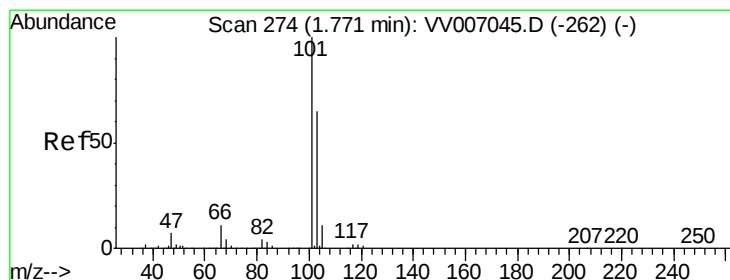
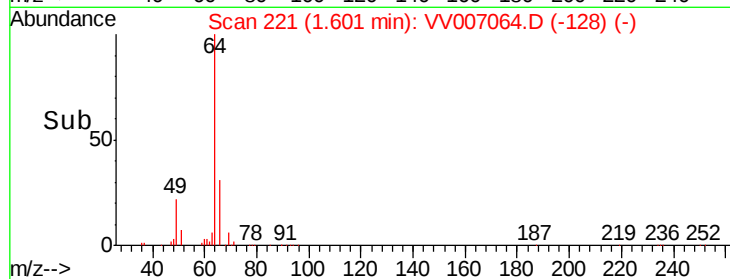
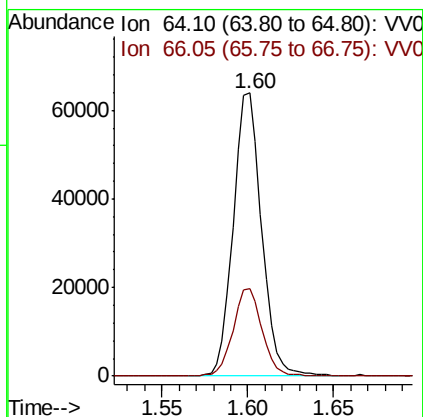
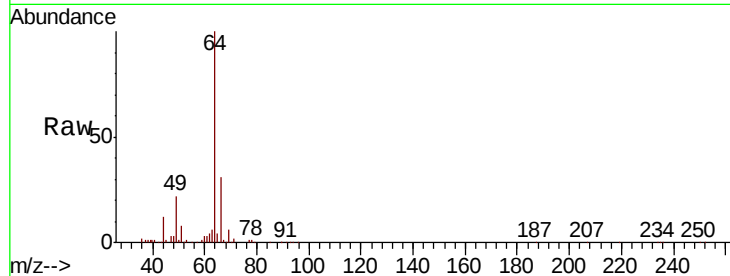




#8
Chloroethane
Concen: 5.111 ug/L
RT: 1.60 min Scan# 221
Delta R.T. -0.00 min
Lab File: VV007064.D
Acq: 17 Aug 2018 19:30

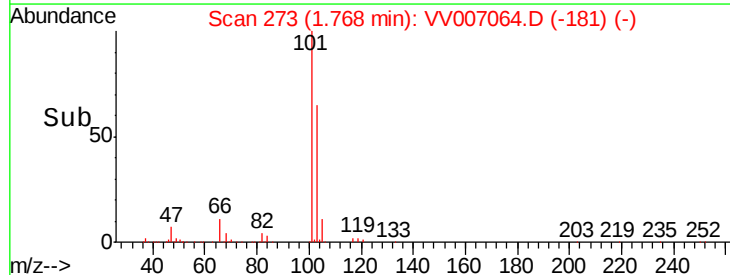
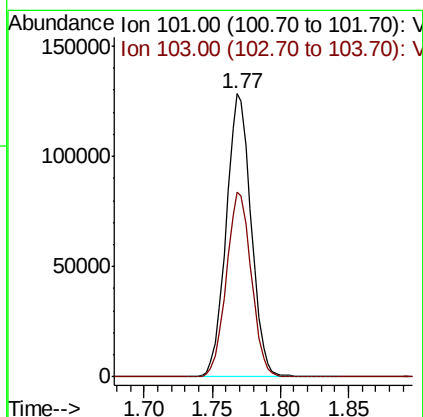
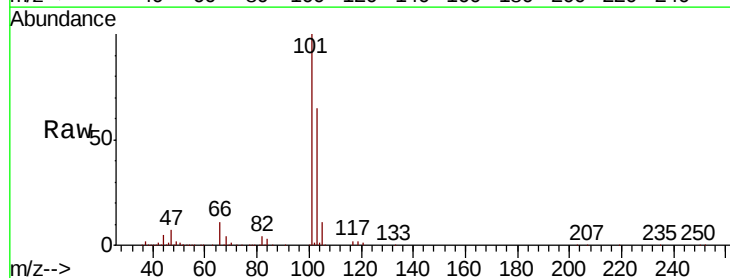
Instrument :
MSVOA_V
ClientSampleId :

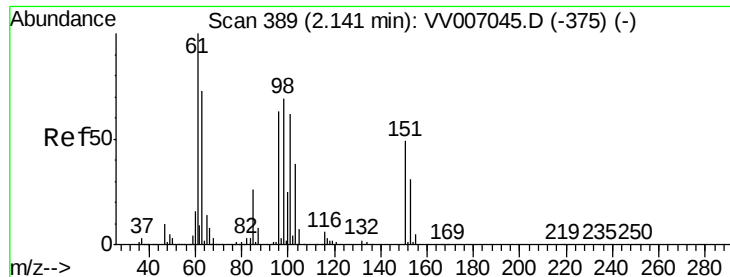
Tot Ion: 64 Resp: 73233
Ion Ratio Lower Upper
64 100
66 31.0 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.427 ug/L
RT: 1.77 min Scan# 273
Delta R.T. -0.00 min
Lab File: VV007064.D
Acq: 17 Aug 2018 19:30

Tgt Ion: 101 Resp: 163096
Ion Ratio Lower Upper
101 100
103 65.3 52.7 79.1





#10

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

Concen: 5.518 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007064.D

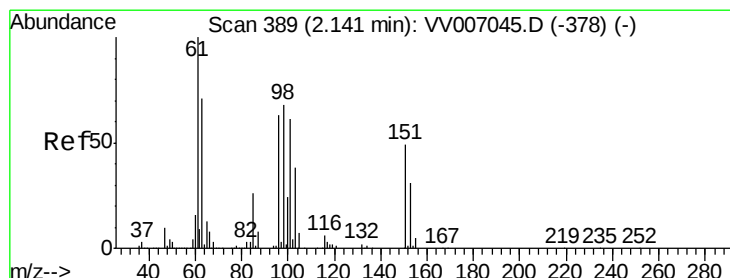
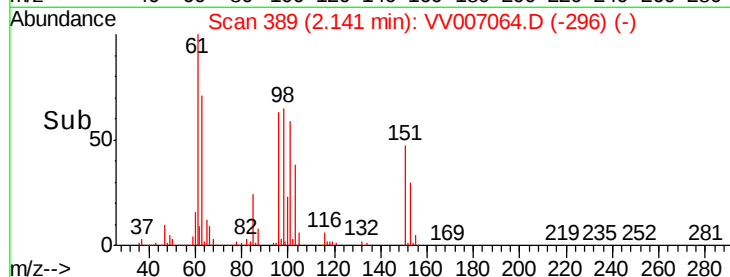
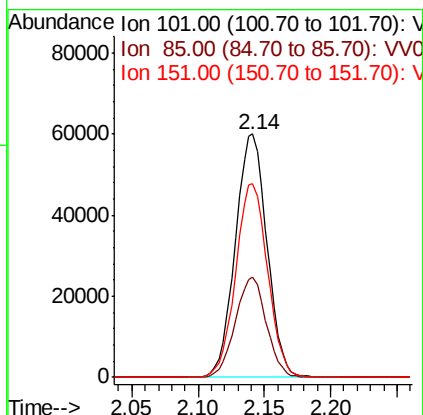
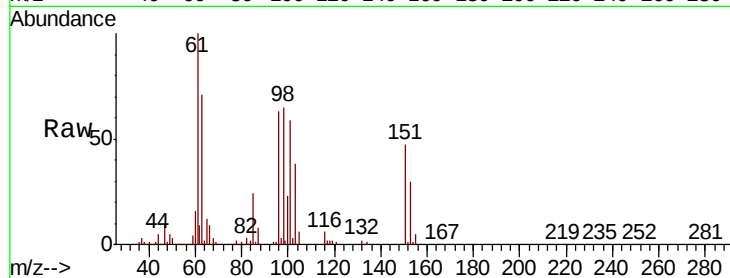
Acq: 17 Aug 2018 19:30

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:	101	Resp:	99517
Ion	Ratio	Lower	Upper
101	100		
85	40.3	33.9	50.9
151	80.1	64.1	96.1



#12

1,1-Dichloroethene

Concen: 5.183 ug/L

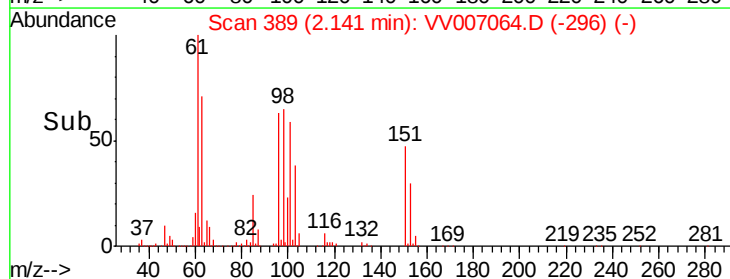
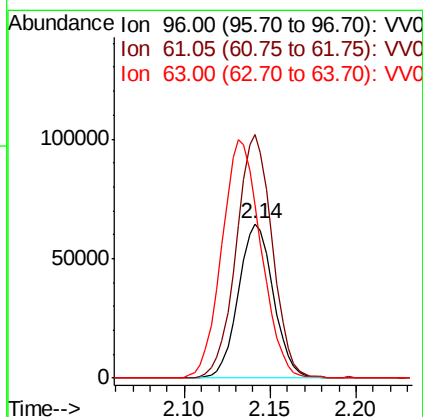
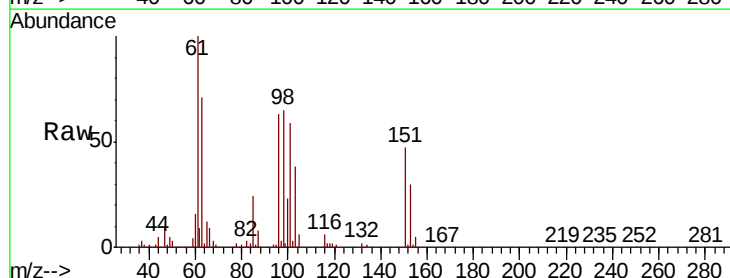
RT: 2.14 min Scan# 389

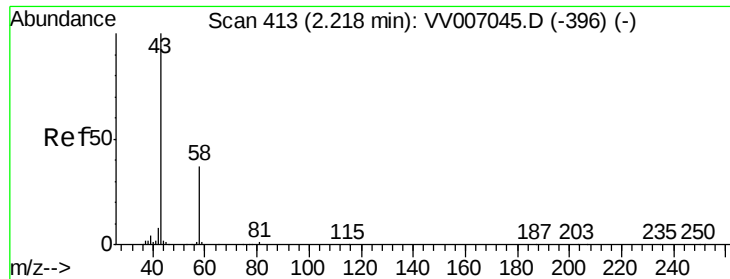
Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

Tgt Ion:	96	Resp:	90746
Ion	Ratio	Lower	Upper
96	100		
61	157.7	111.6	207.4
63	112.3	84.9	157.7





#13

Acetone

Concen: 64.504 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.01 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

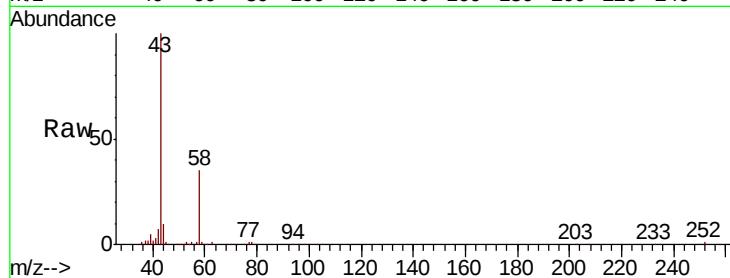
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 150330

Ion Ratio Lower Upper

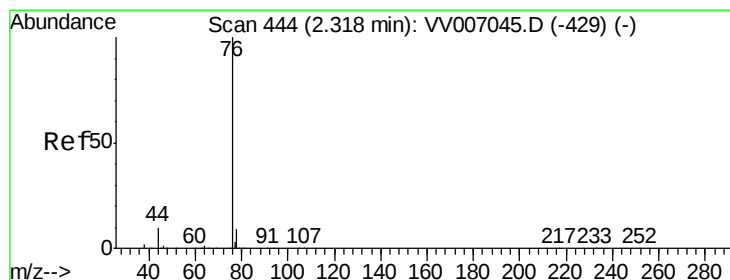
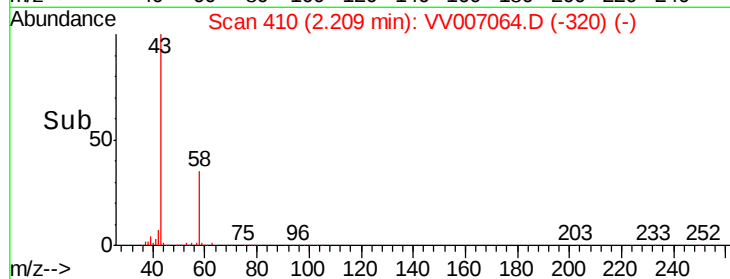
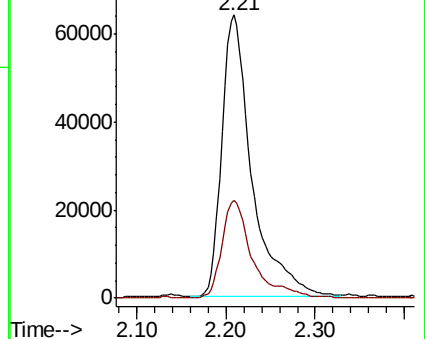
43 100

58 34.3 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007045.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007045.D (-396) (-)



#14

Carbon disulfide

Concen: 4.775 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV007064.D

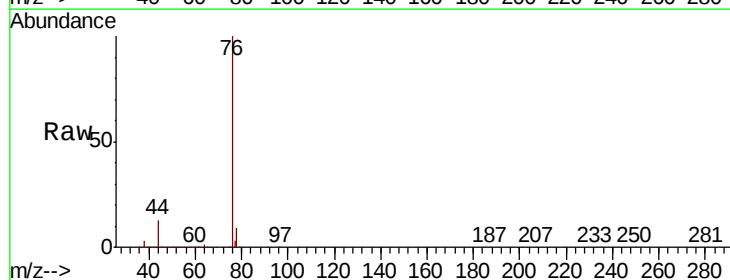
Acq: 17 Aug 2018 19:30

Tgt Ion: 76 Resp: 276012

Ion Ratio Lower Upper

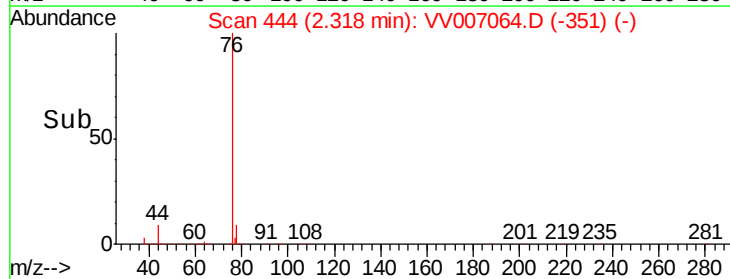
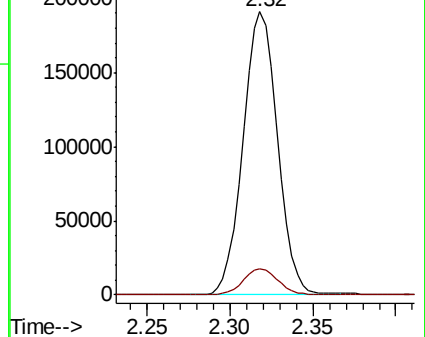
76 100

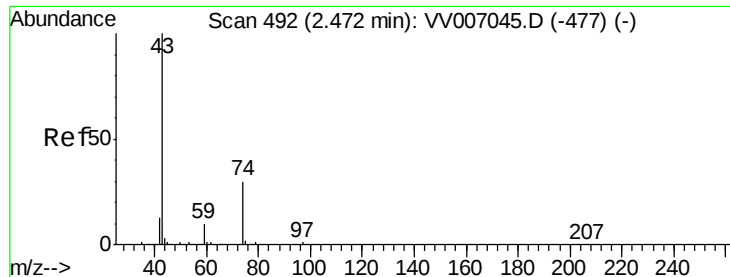
78 9.4 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VV007045.D (-429) (-)

Ion 78.00 (77.70 to 78.70): VV007045.D (-429) (-)





#15

Methvl Acetate

Concen: 5.896 ug/L

RT: 2.47 min Scan# 491

Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

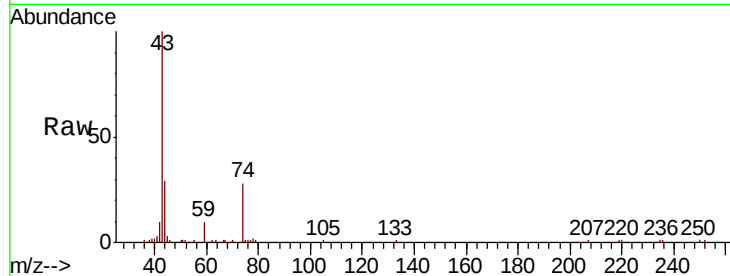
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 38674

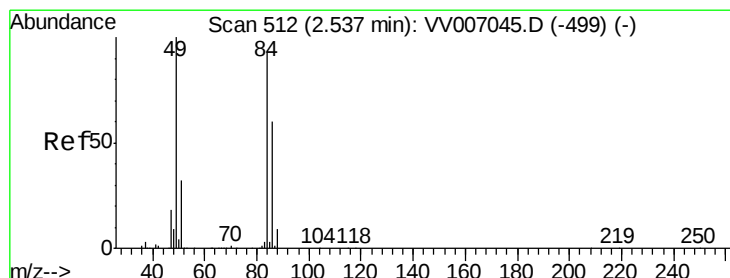
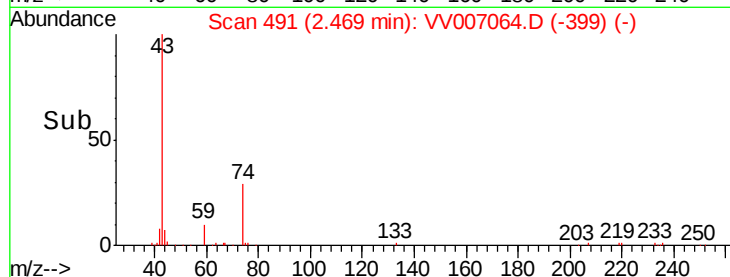
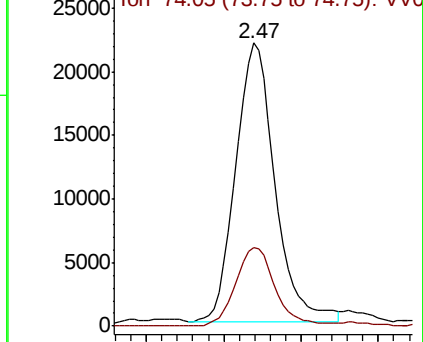
Ion Ratio Lower Upper

43 100

74 28.3 24.6 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 4.909 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

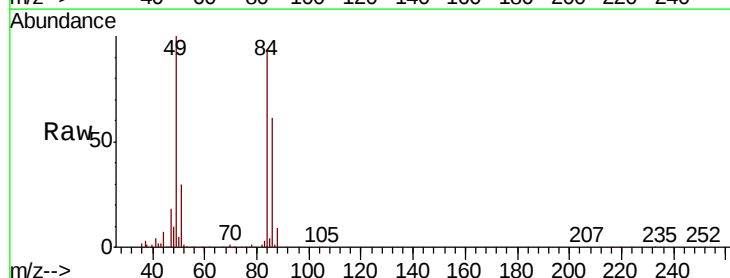
Tgt Ion: 84 Resp: 103639

Ion Ratio Lower Upper

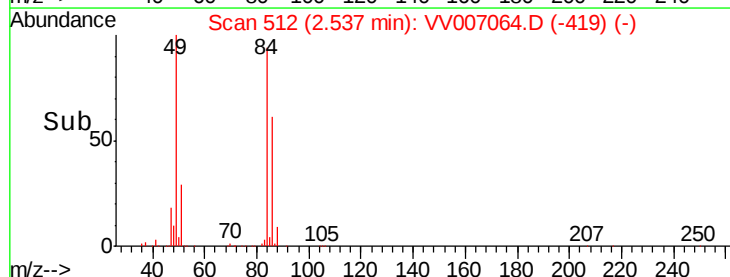
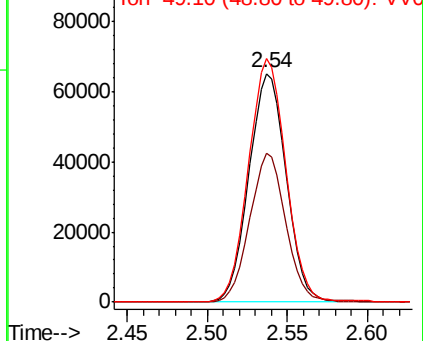
84 100

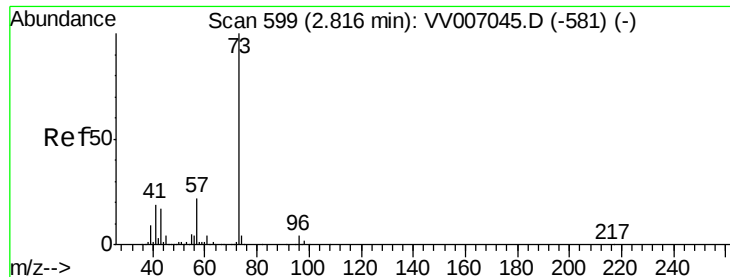
86 65.0 45.7 84.9

49 106.6 78.8 146.4



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



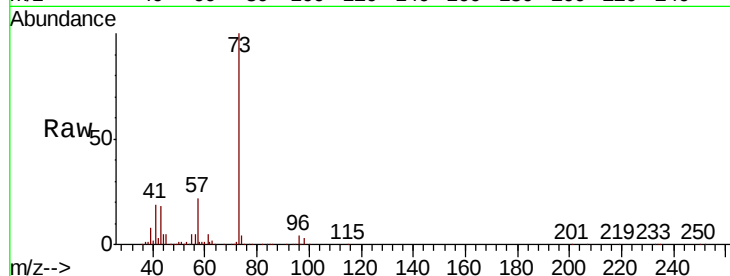


#17

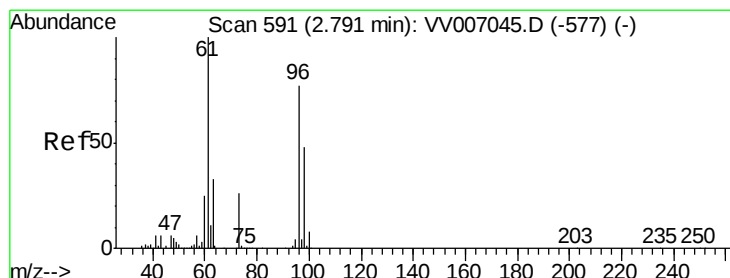
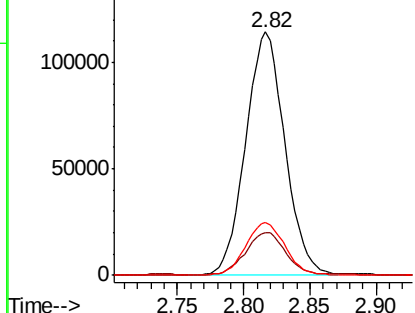
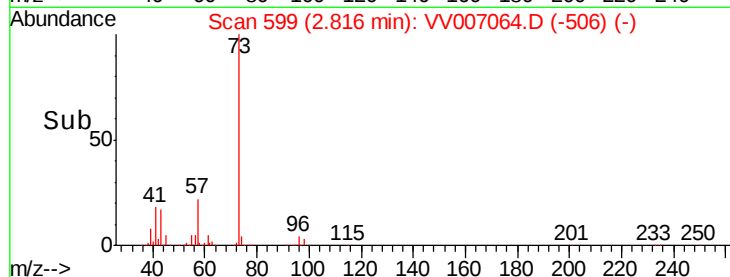
Methvl tert-butvl Ether
 Concen: 5.612 ug/L
 RT: 2.82 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
43	17.5	14.4	21.6
57	22.0	17.9	26.9



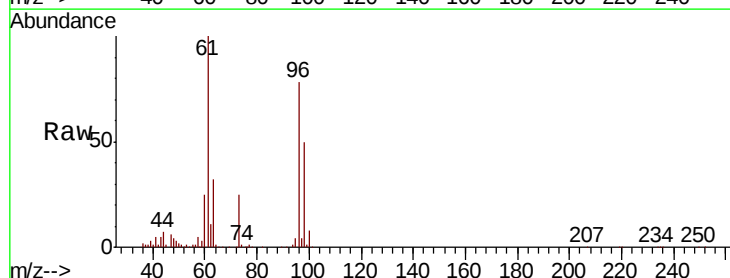
Abundance Ion 73.10 (72.80 to 73.80): VV0
 Ion 43.05 (42.75 to 43.75): VV0
 Ion 57.10 (56.80 to 57.80): VV0



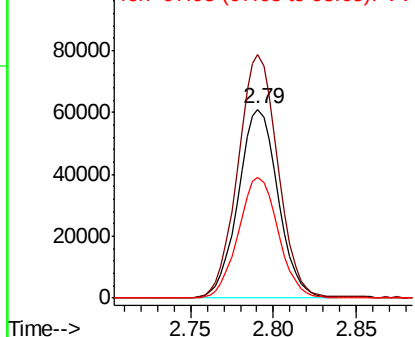
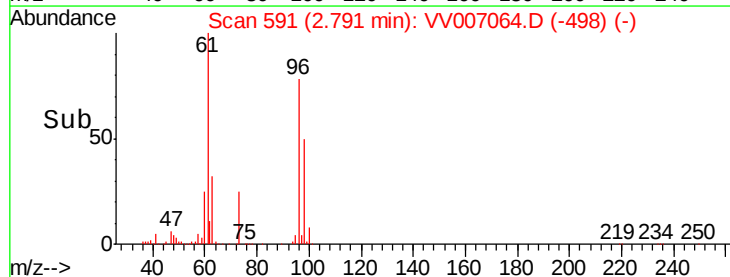
#18

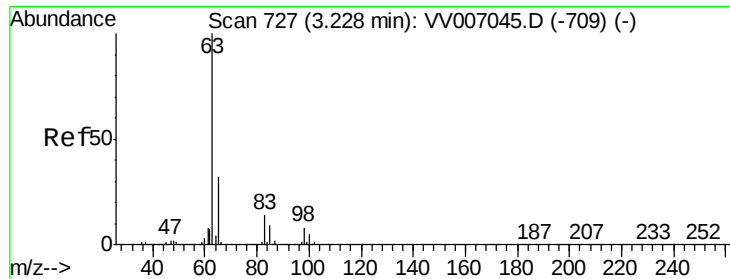
trans-1,2-Dichloroethene
 Concen: 5.439 ug/L
 RT: 2.79 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.9	91.1	169.3
98	63.9	43.5	80.9



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 97.95 (97.65 to 98.65): VV0





#19

1,1-Dichloroethane

Concen: 5.305 ug/L

RT: 3.23 min Scan# 727

Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

Instrument :

MSVOA_V

ClientSampled :

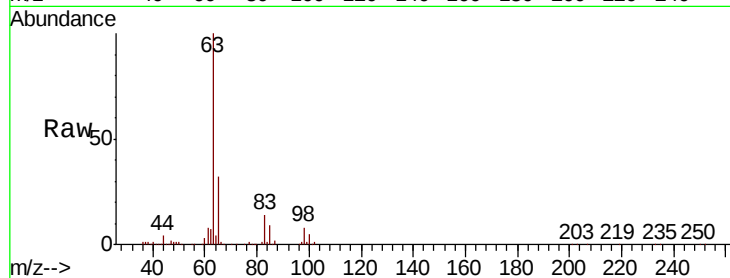
Tot Ion: 63 Resp: 179559

Ion Ratio Lower Upper

63 100

65 32.4 21.7 40.3

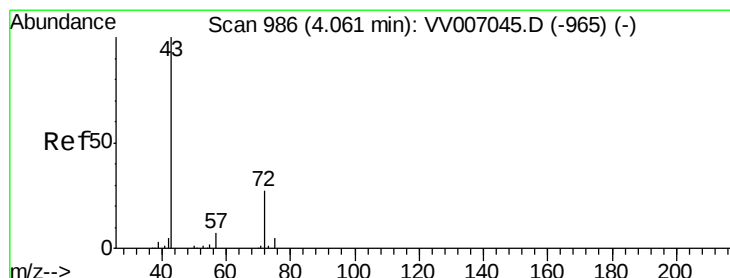
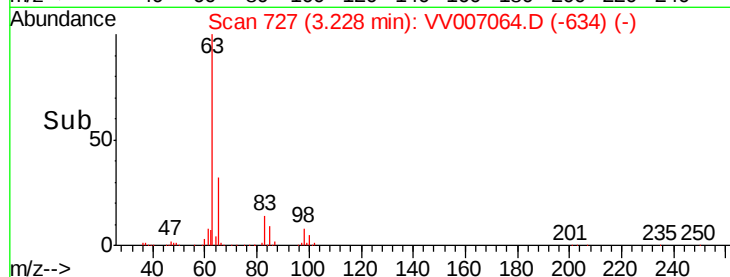
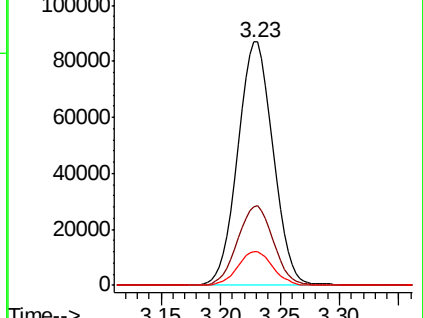
83 13.7 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV007045.D (-709) (-)

Ion 65.10 (64.80 to 65.80): VV007045.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VV007045.D (-709) (-)



#21

2-Butanone

Concen: 61.231 ug/L

RT: 4.06 min Scan# 985

Delta R.T. -0.00 min

Lab File: VV007064.D

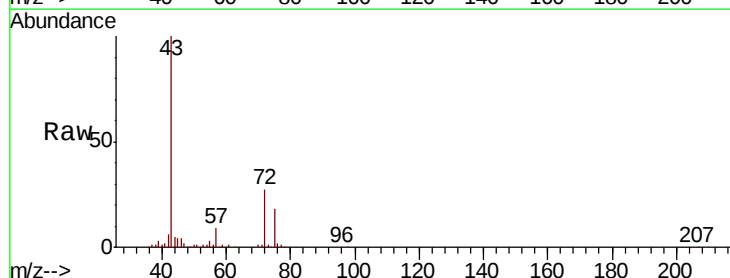
Acq: 17 Aug 2018 19:30

Tgt Ion: 43 Resp: 309833

Ion Ratio Lower Upper

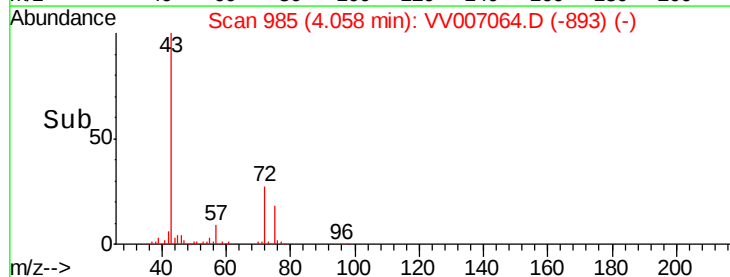
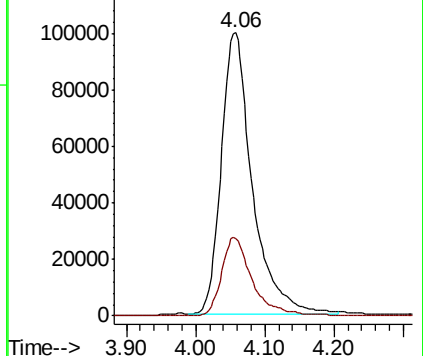
43 100

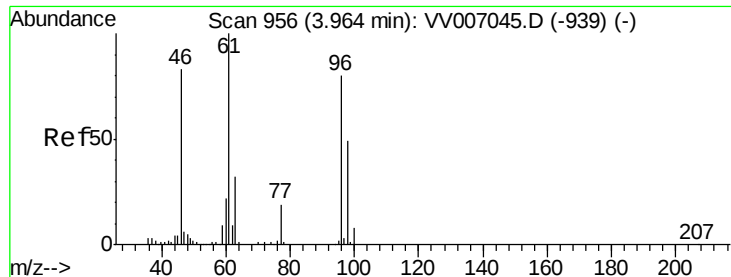
72 27.1 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV007045.D (-965) (-)

Ion 72.10 (71.80 to 72.80): VV007045.D (-965) (-)



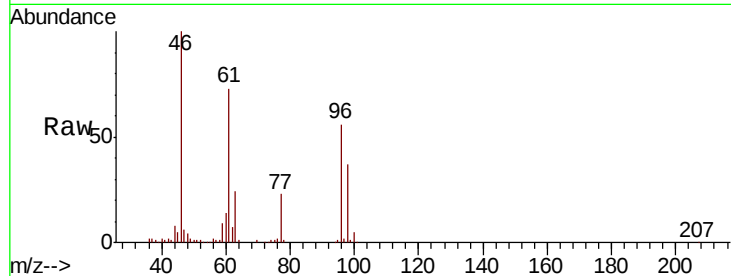


#22

cis-1,2-Dichloroethene
Concen: 5.306 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV007064.D
Acq: 17 Aug 2018 19:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	91.1	169.1
68	0.0	0.0	0.0

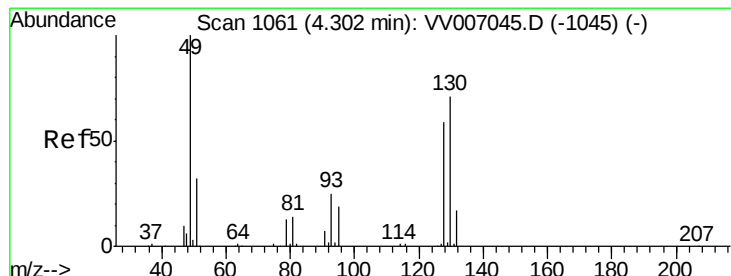
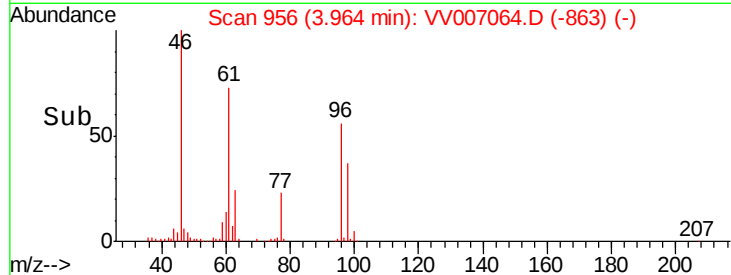
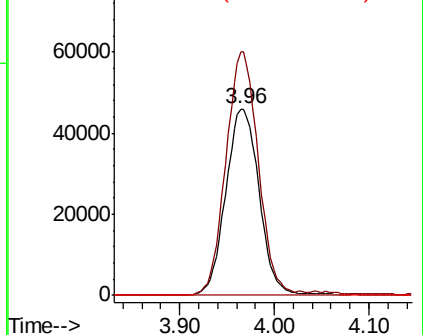


Abundance

Ion 96.00 (95.70 to 96.70): VV007045.D (-939) (-)

Ion 61.05 (60.75 to 61.75): VV007045.D (-939) (-)

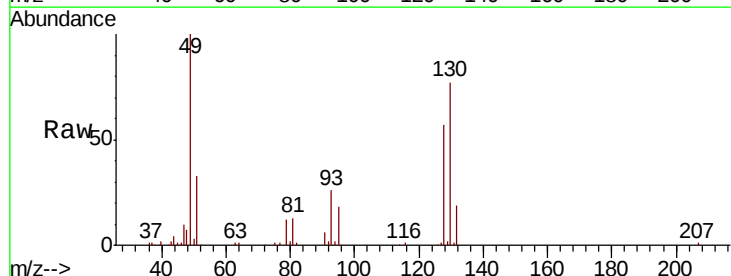
Ion 68.15 (67.85 to 68.85): VV007045.D (-939) (-)



#23

Bromochloromethane
Concen: 5.946 ug/L
RT: 4.30 min Scan# 1061
Delta R.T. -0.00 min
Lab File: VV007064.D
Acq: 17 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
128	100		
49	174.3	138.6	257.4
130	134.8	90.0	167.2
51	57.5	46.9	70.3



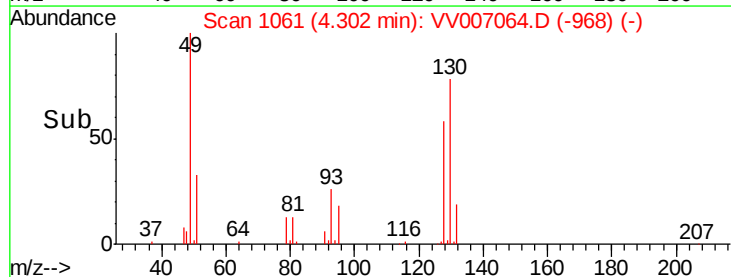
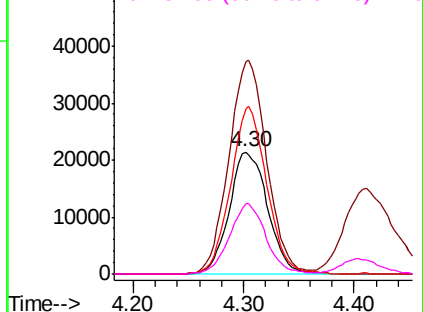
Abundance

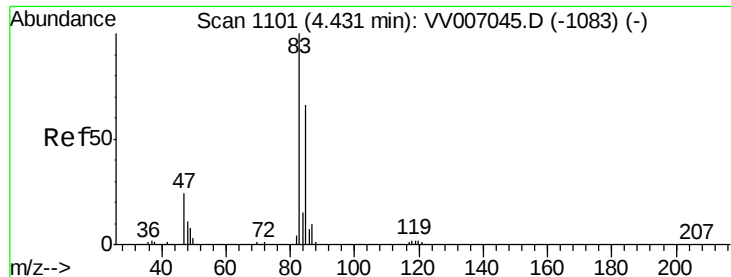
Ion 127.90 (127.60 to 128.60): VV007045.D (-1045) (-)

Ion 49.10 (48.80 to 49.80): VV007045.D (-1045) (-)

Ion 129.95 (129.65 to 130.65): VV007045.D (-1045) (-)

Ion 51.05 (50.75 to 51.75): VV007045.D (-1045) (-)

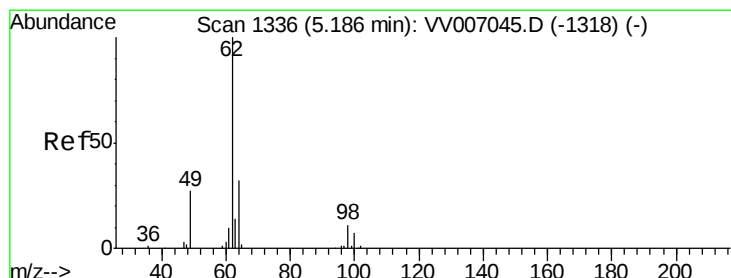
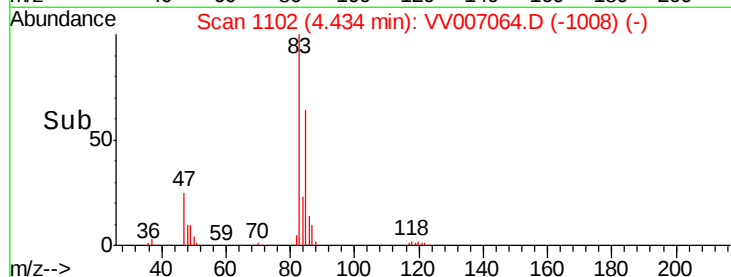
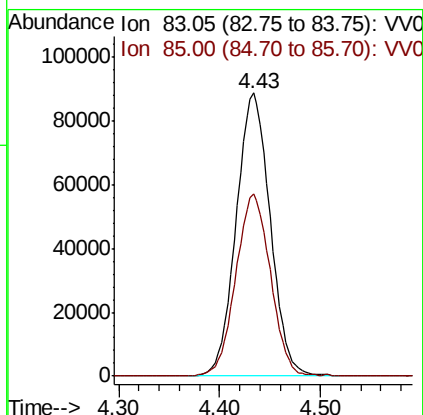
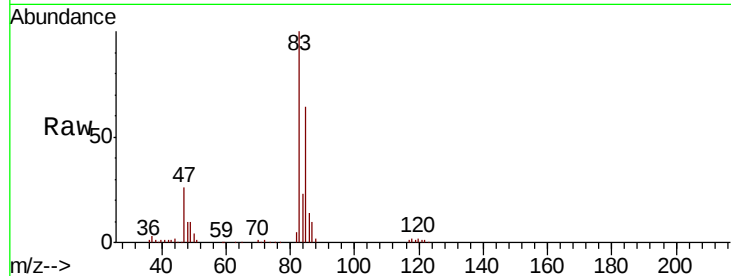




#25
Chloroform
Concen: 5.611 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV007064.D
Acq: 17 Aug 2018 19:30

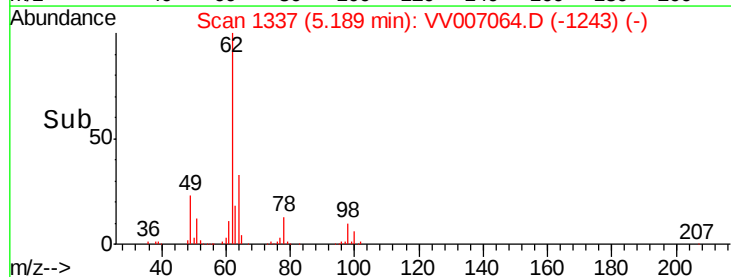
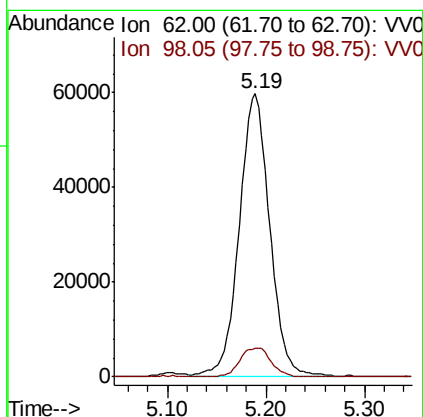
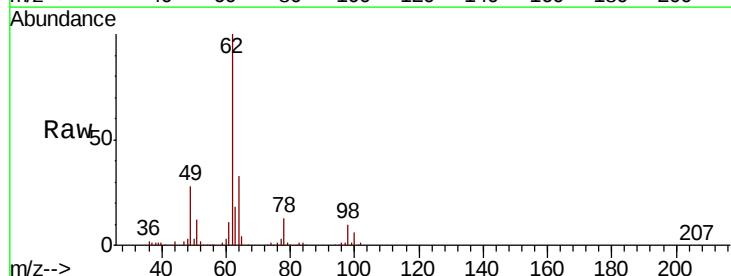
Instrument :
MSVOA_V
ClientSampleId :

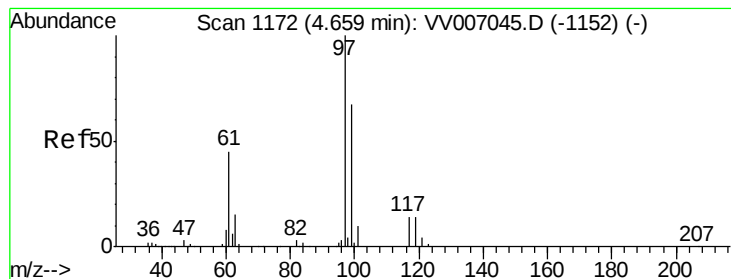
Tot Ion: 83 Resp: 207782
Ion Ratio Lower Upper
83 100
85 64.2 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.493 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV007064.D
Acq: 17 Aug 2018 19:30

Tgt Ion: 62 Resp: 126860
Ion Ratio Lower Upper
62 100
98 10.0 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 5.437 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

Instrument :

MSVOA_V

ClientSampleId :

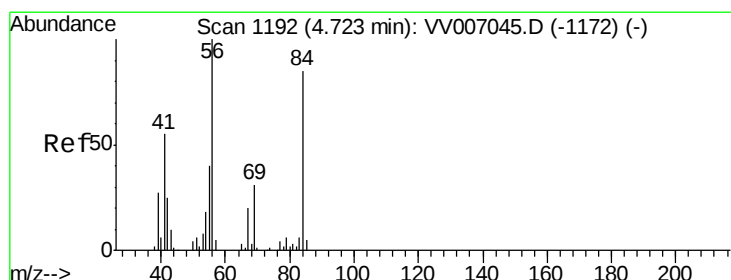
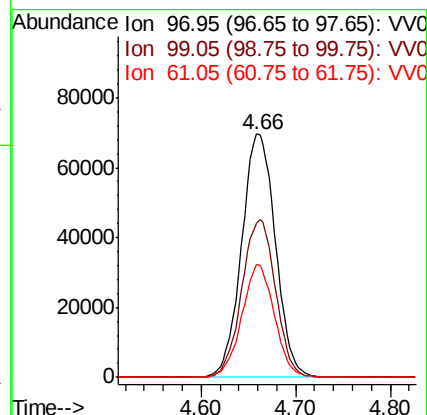
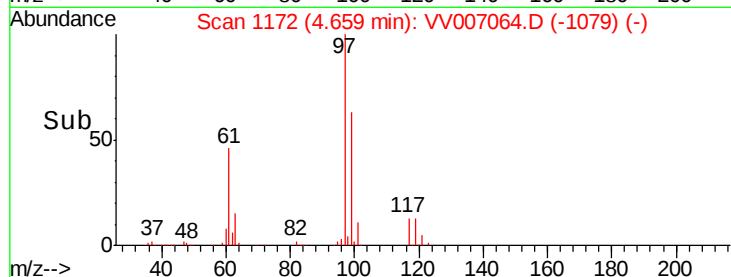
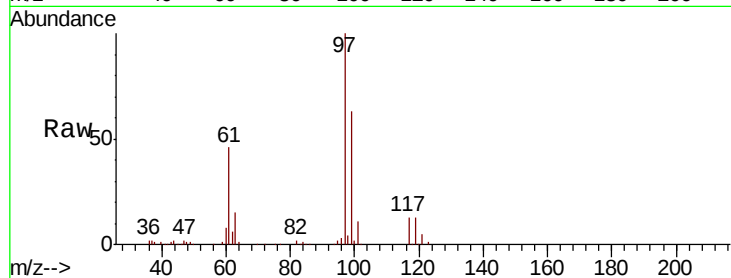
Tot Ion: 97 Resp: 173042

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 44.9 36.6 54.8



#30

Cyclohexane

Concen: 4.696 ug/L

RT: 4.73 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

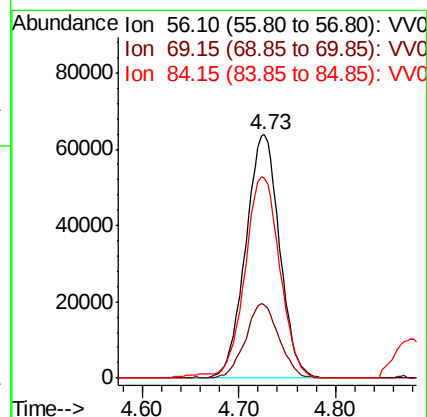
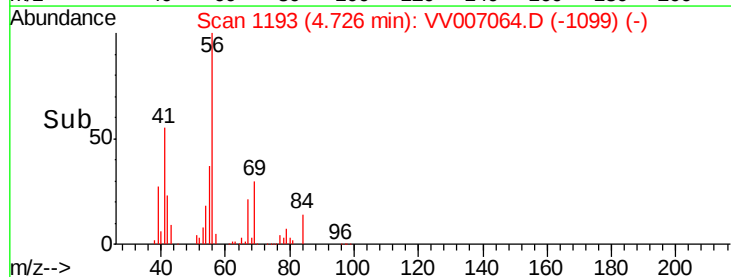
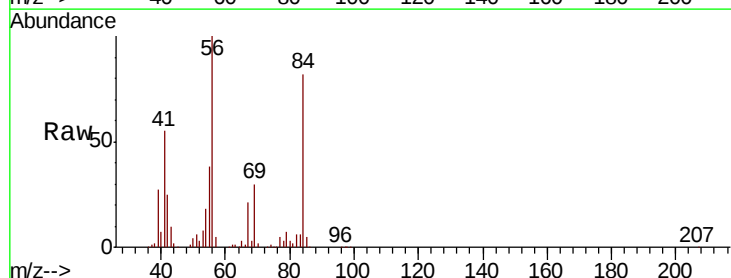
Tgt Ion: 56 Resp: 155590

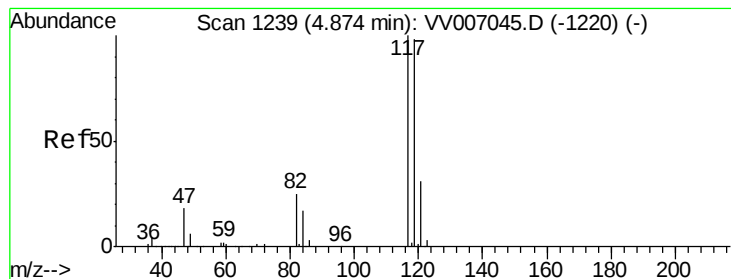
Ion Ratio Lower Upper

56 100

69 30.2 23.8 35.6

84 84.9 67.9 101.9





#31

Carbon tetrachloride

Concen: 5.485 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

Instrument :

MSVOA_V

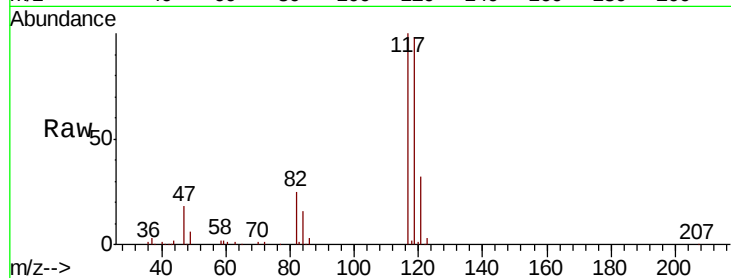
ClientSampleId :

Tot Ion:117 Resp: 146422

Ion Ratio Lower Upper

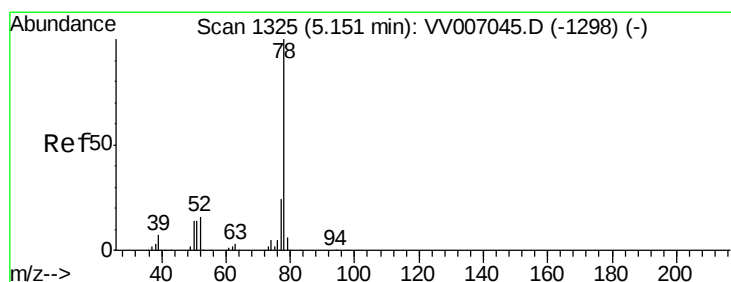
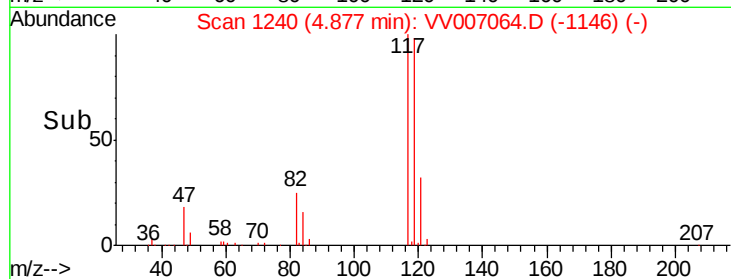
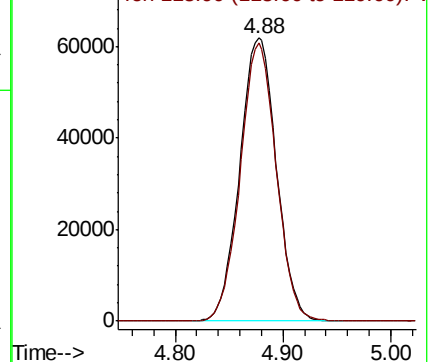
117 100

119 96.3 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.395 ug/L

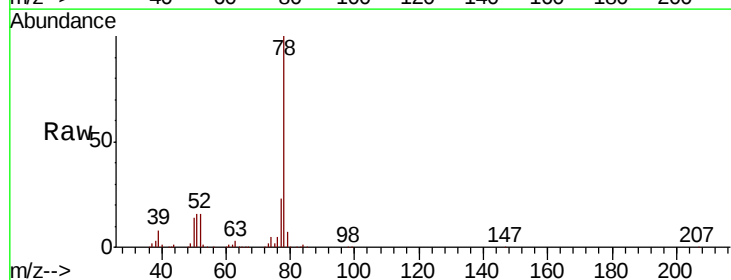
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

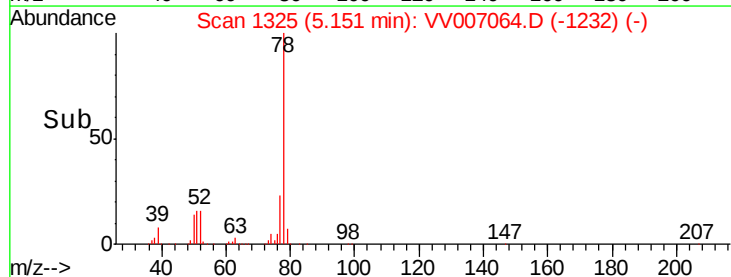
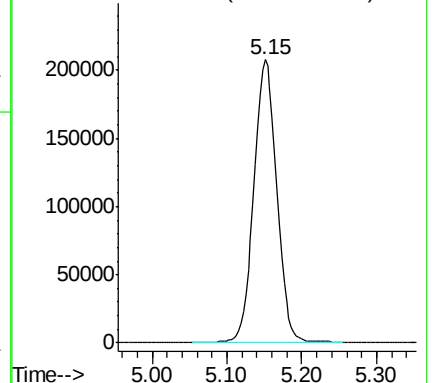
Lab File: VV007064.D

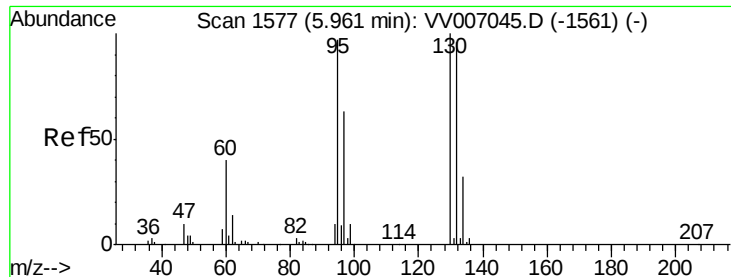
Acq: 17 Aug 2018 19:30

Tgt Ion: 78 Resp: 446175



Abundance Ion 78.10 (77.80 to 78.80): VV0

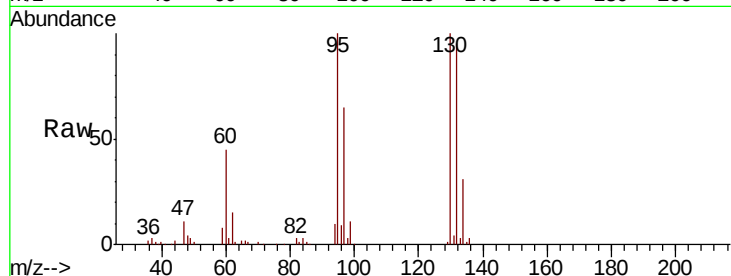




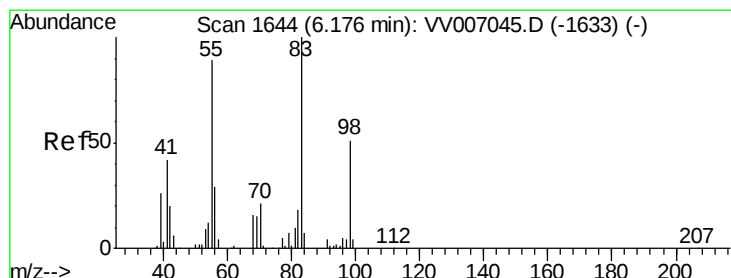
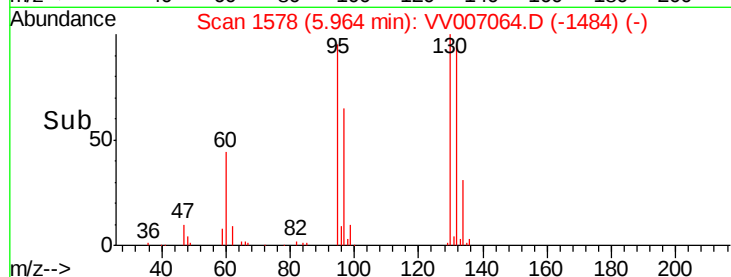
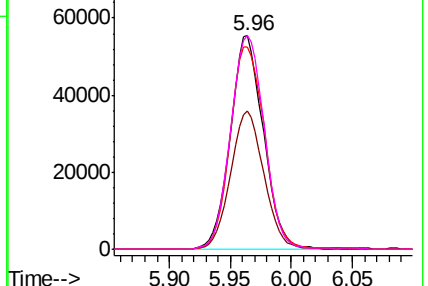
#34
 Trichloroethene
 Concen: 5.274 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	104580
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.8	83.2
132	94.7	65.5	121.6
130	99.9	66.4	123.4

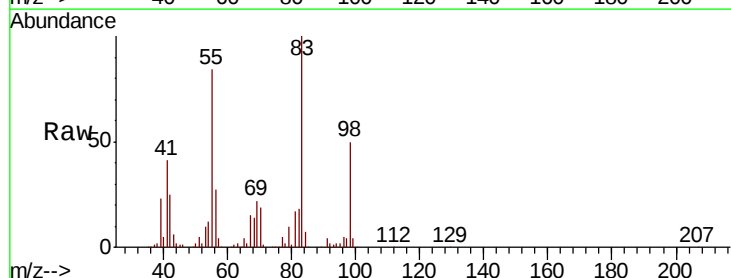


Abundance Ion 95.00 (94.70 to 95.70): VV007045.D (-1561) (-)
 Ion 96.95 (96.65 to 97.65): VV007045.D (-1561) (-)
 Ion 131.95 (131.65 to 132.65): VV007045.D (-1561) (-)
 Ion 129.95 (129.65 to 130.65): VV007045.D (-1561) (-)

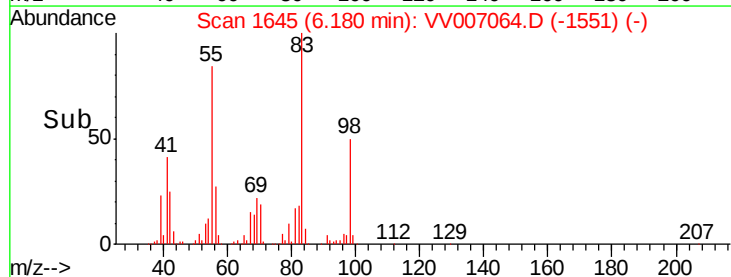
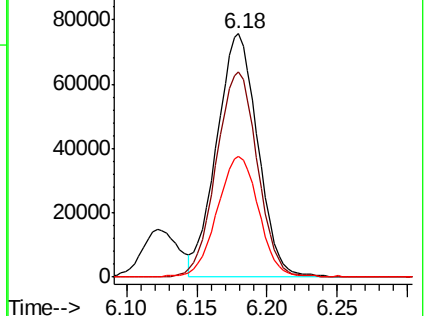


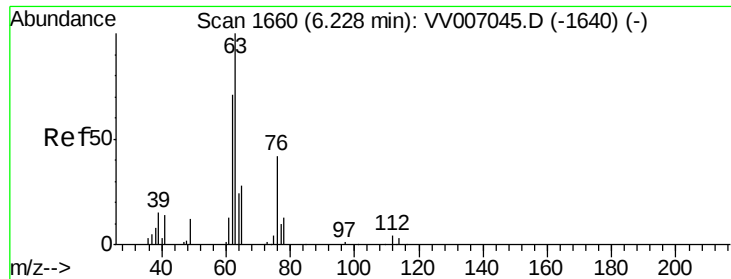
#35
 Methylcyclohexane
 Concen: 4.799 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Tgt Ion:	83	Resp:	152780
Ion	Ratio	Lower	Upper
83	100		
55	84.8	68.1	102.1
98	50.6	37.9	56.9



Abundance Ion 83.15 (82.85 to 83.85): VV007045.D (-1633) (-)
 Ion 55.10 (54.80 to 55.80): VV007045.D (-1633) (-)
 Ion 98.15 (97.85 to 98.85): VV007045.D (-1633) (-)

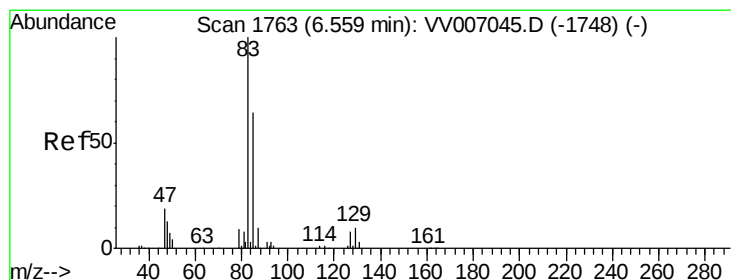
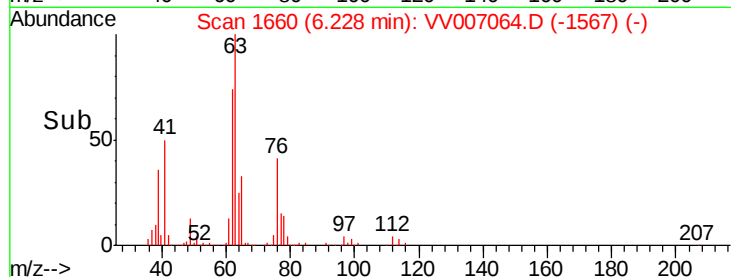
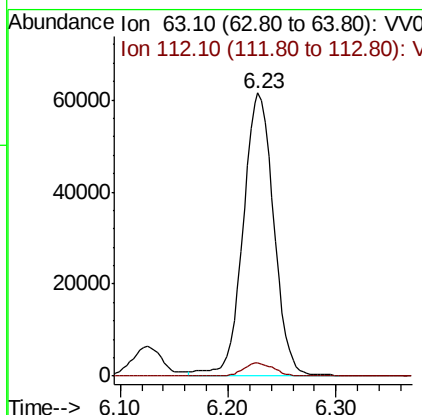
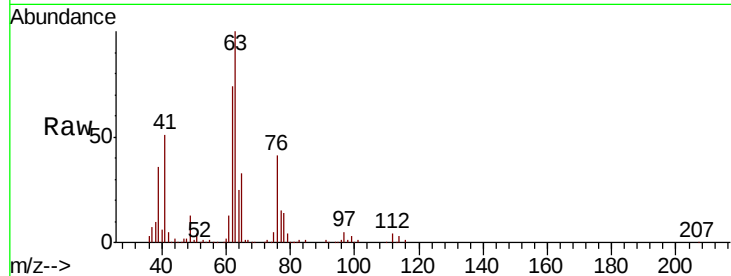




#37
 1,2-Dichloropropane
 Concen: 5.348 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

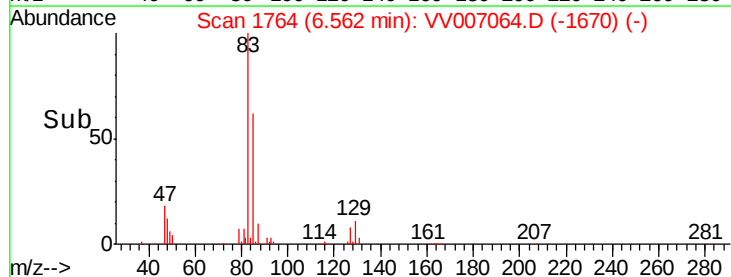
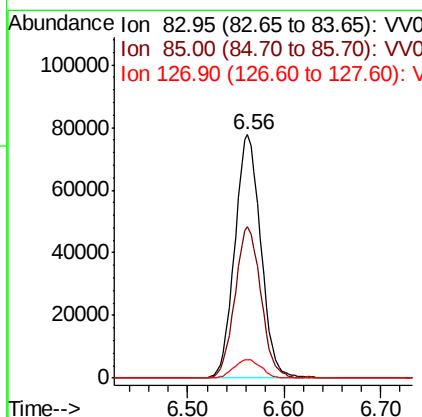
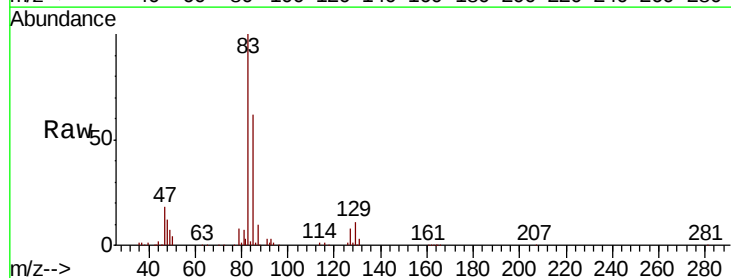
Instrument :
 MSVOA_V
 ClientSampleId :

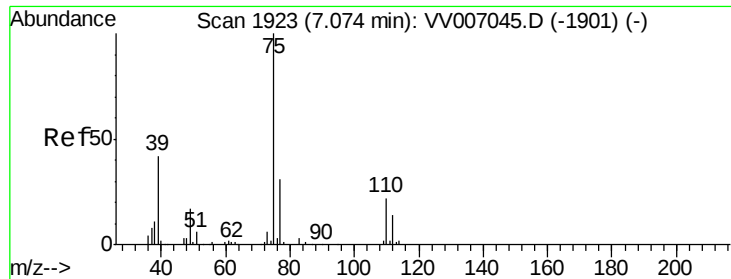
Tot Ion: 63 Resp: 121070
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.5 5.3



#38
 Bromodichloromethane
 Concen: 5.652 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Tgt Ion: 83 Resp: 145382
 Ion Ratio Lower Upper
 83 100
 85 62.0 43.8 81.4
 127 7.7 6.6 10.0

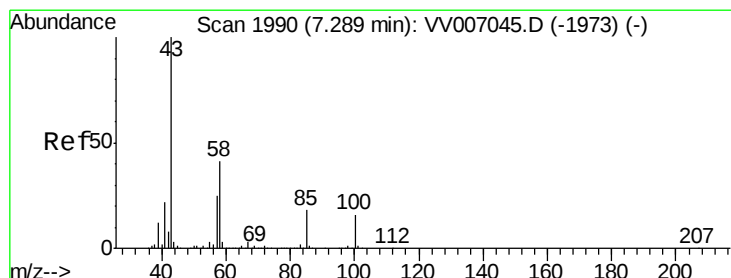
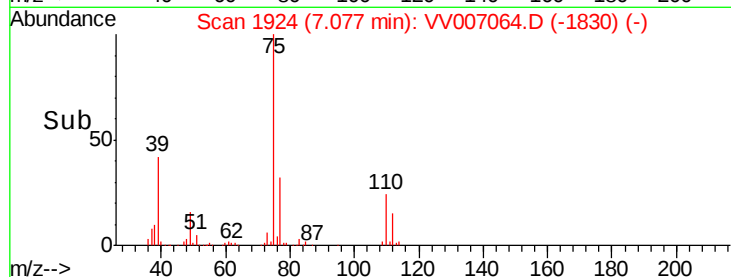
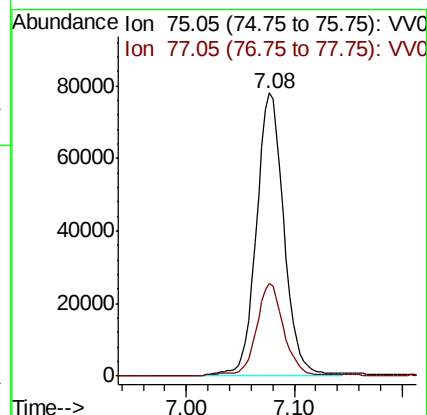
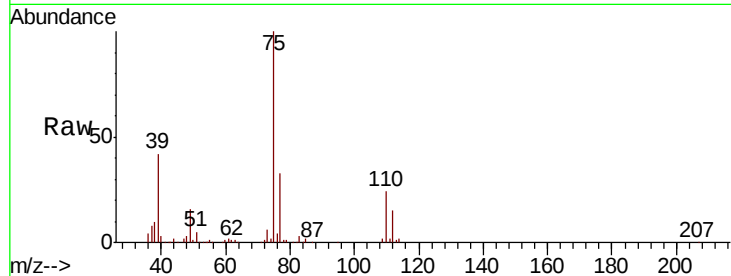




#39
 cis-1,3-Dichloropropene
 Concen: 5.074 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

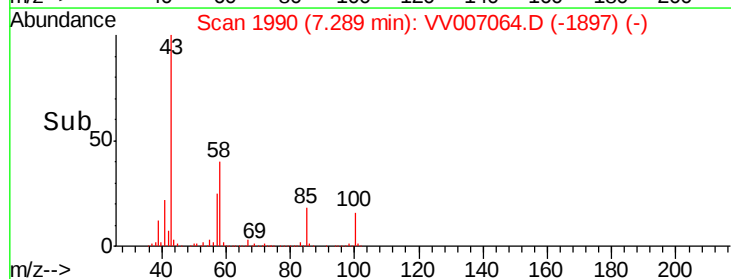
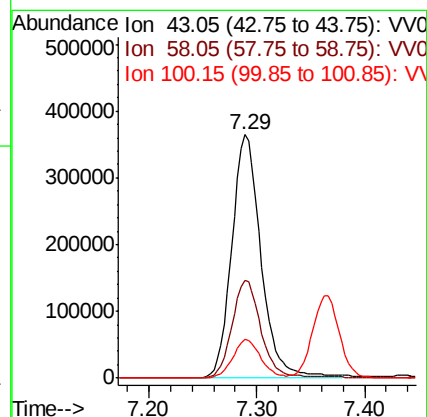
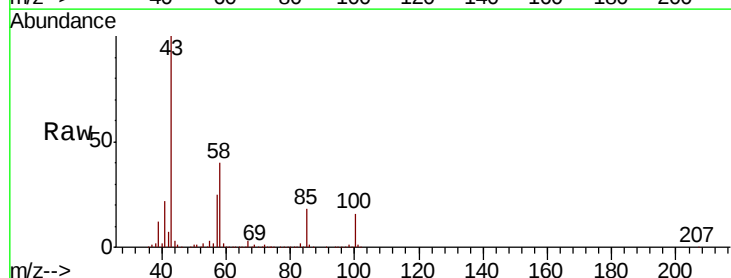
Instrument :
 MSVOA_V
 ClientSampled :

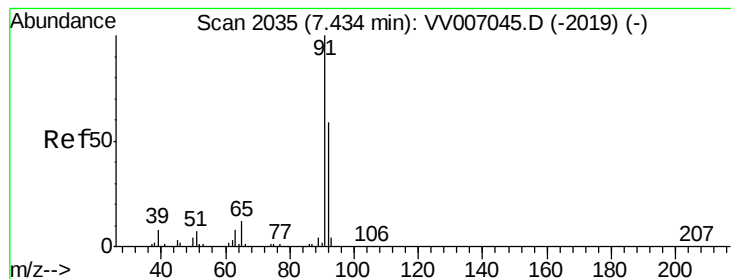
Tot Ion: 75 Resp: 138754
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 56.125 ug/L
 RT: 7.29 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Tgt Ion: 43 Resp: 686301
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.7 46.1
 100 15.2 11.2 16.8





#42

Toluene

Concen: 5.727 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

Instrument :

MSVOA_V

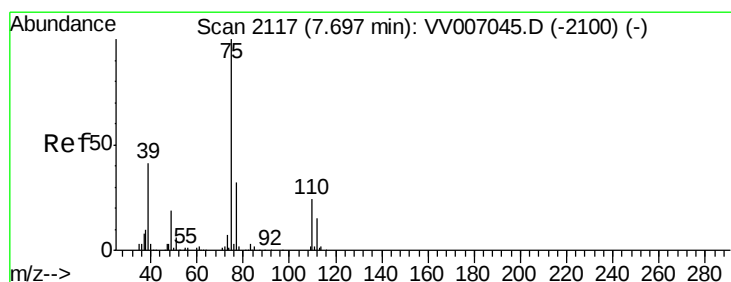
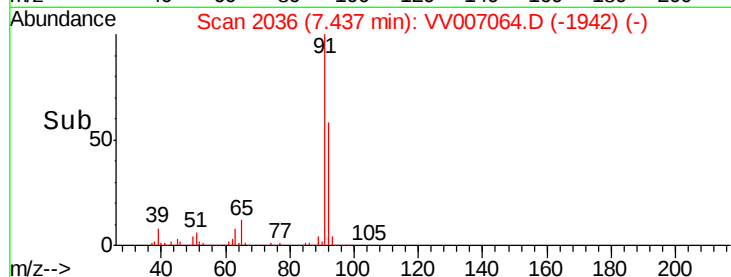
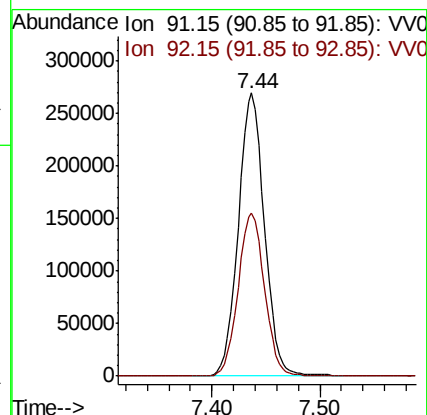
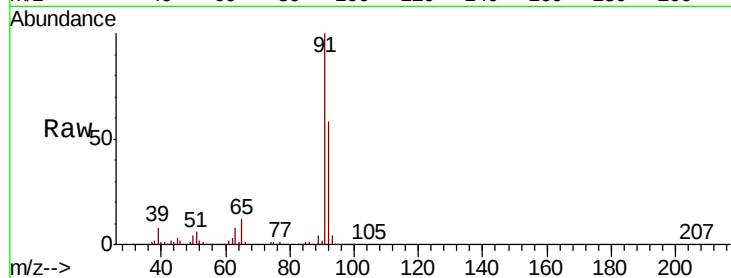
ClientSampled :

Tot Ion: 91 Resp: 455129

Ion Ratio Lower Upper

91 100

92 57.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.294 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV007064.D

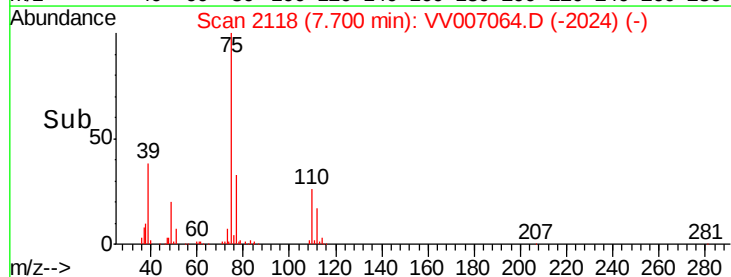
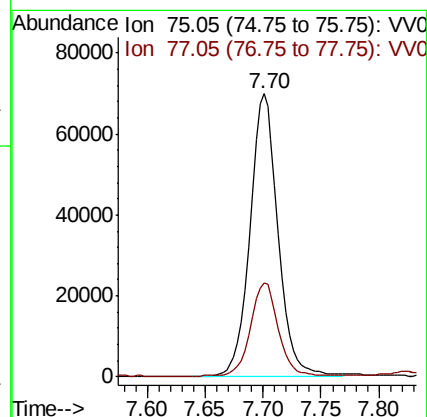
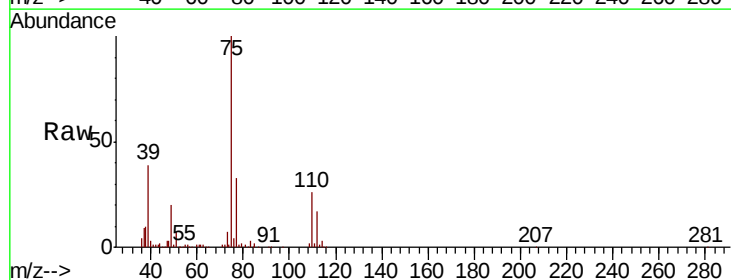
Acq: 17 Aug 2018 19:30

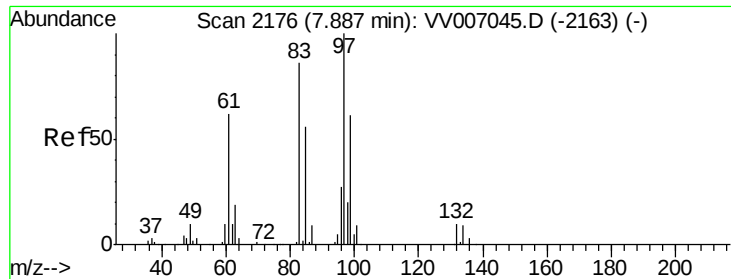
Tgt Ion: 75 Resp: 118822

Ion Ratio Lower Upper

75 100

77 33.2 22.3 41.3

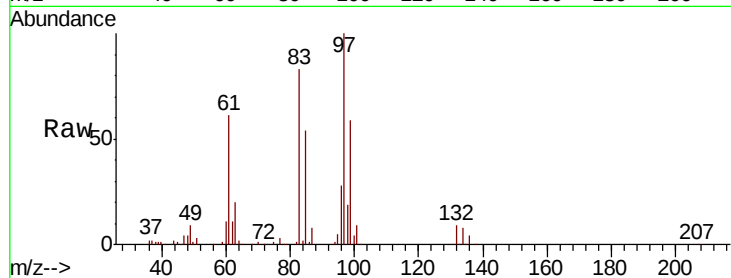




#45
 1,1,2-Trichloroethane
 Concen: 5.696 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	97	Resp:	83884
Ion	Ratio	Lower	Upper
97	100		
99	59.5	40.6	75.4
83	83.2	58.0	107.8
85	54.3	37.5	69.7



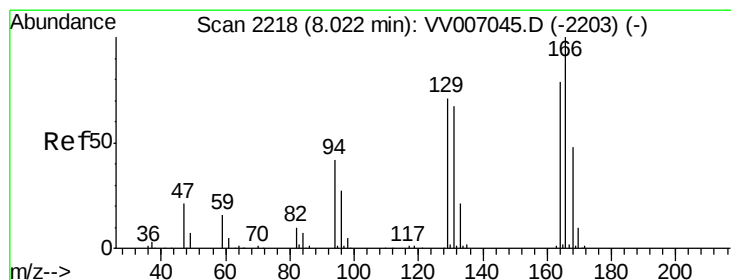
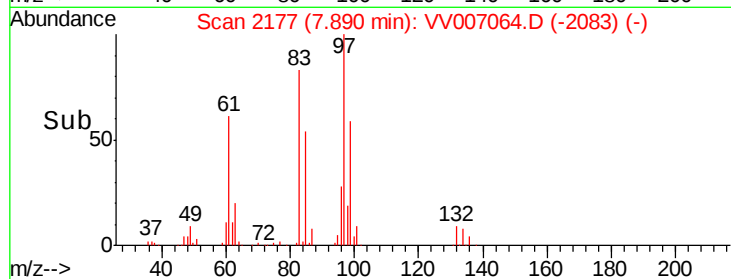
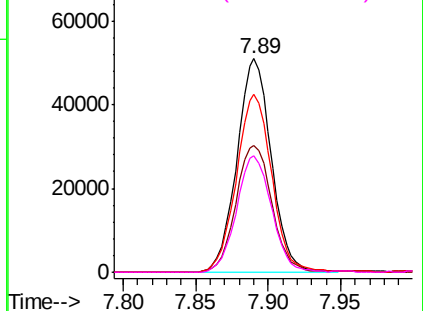
Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

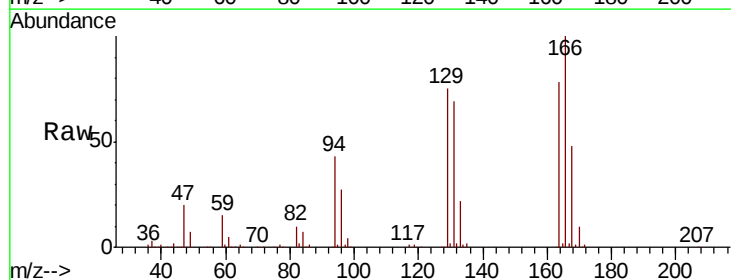
Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47
 Tetrachloroethene
 Concen: 5.488 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Tgt Ion:	164	Resp:	88235
Ion	Ratio	Lower	Upper
164	100		
129	95.0	65.9	122.3
131	87.7	64.2	119.2
166	127.4	89.4	166.0



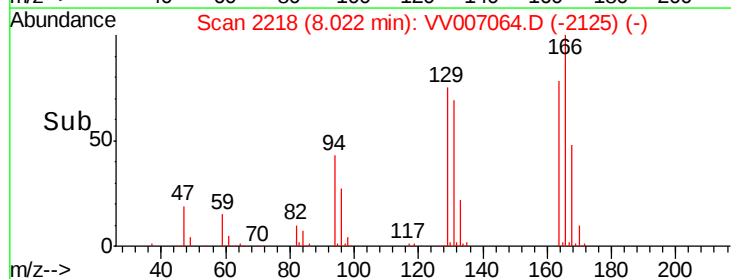
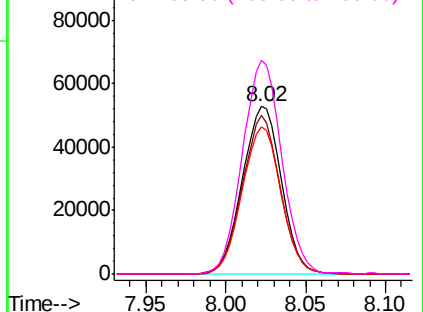
Abundance

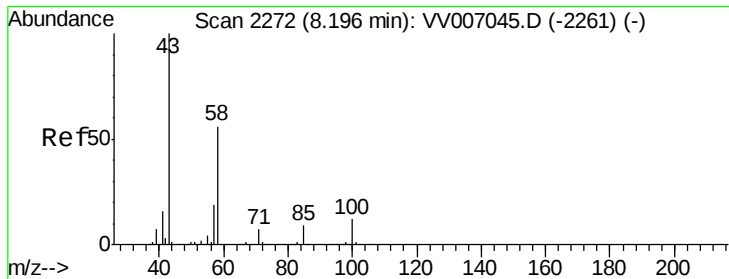
Ion 163.90 (163.60 to 164.60): V

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

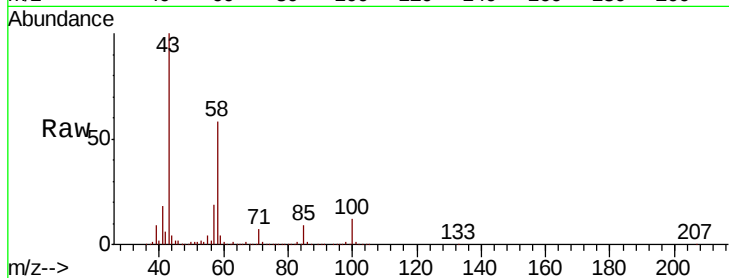




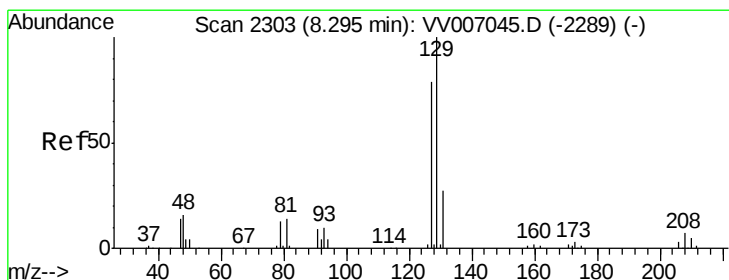
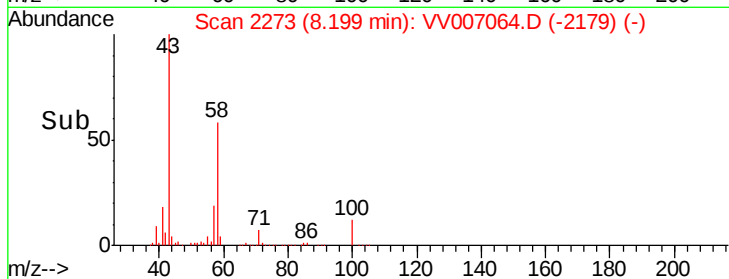
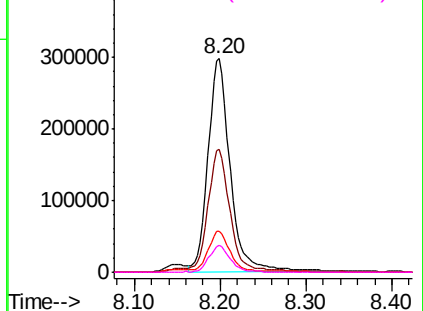
#48
2-Hexanone
Concen: 62.030 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007064.D
Acq: 17 Aug 2018 19:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 534955
Ion Ratio Lower Upper
43 100
58 60.1 44.2 66.2
57 18.6 14.8 22.2
100 11.7 8.8 13.2

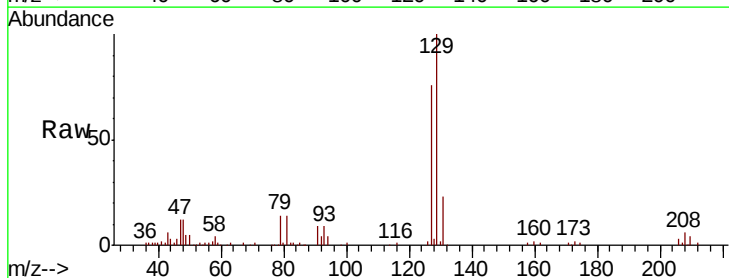


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

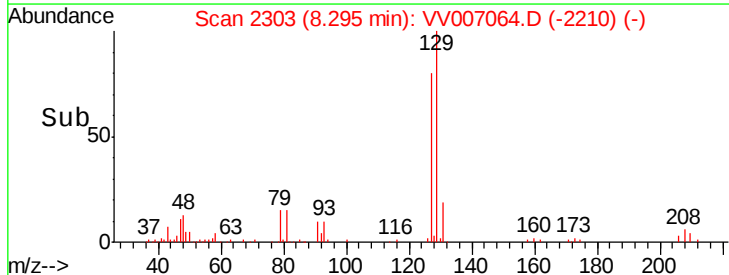
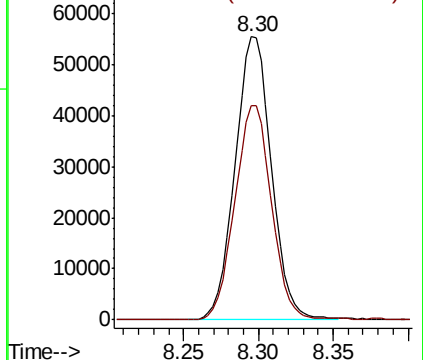


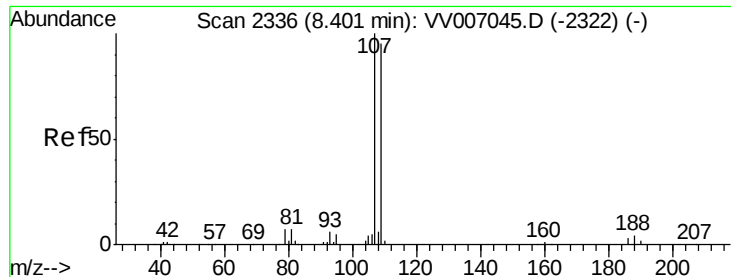
#49
Dibromochloromethane
Concen: 6.073 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV007064.D
Acq: 17 Aug 2018 19:30

Tgt Ion: 129 Resp: 93812
Ion Ratio Lower Upper
129 100
127 75.8 53.3 98.9



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

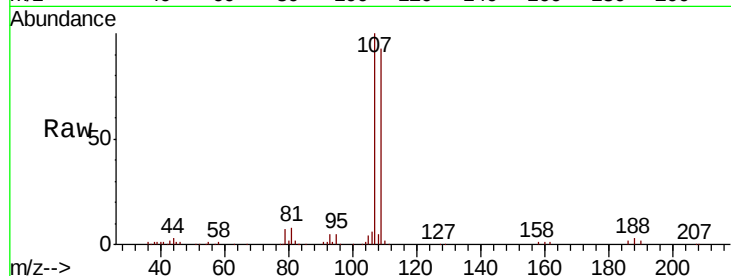




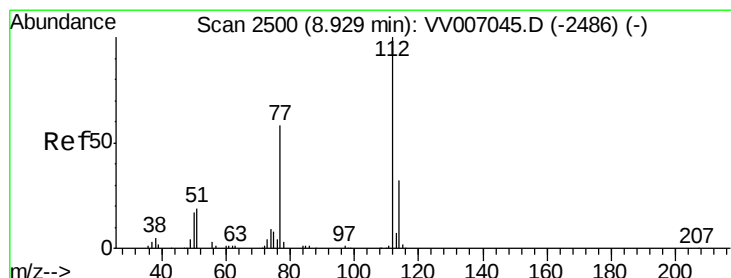
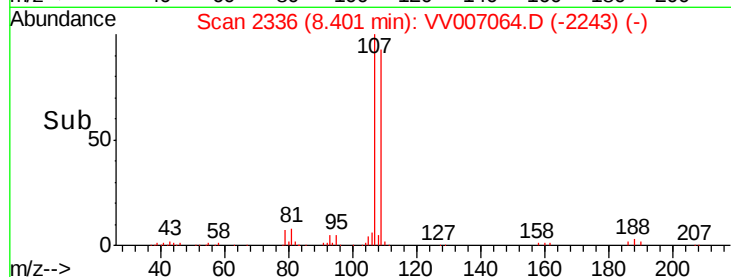
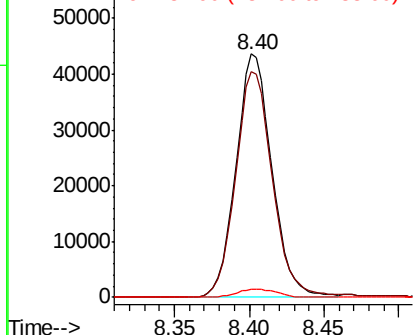
#50
1,2-Dibromoethane
Concen: 5.861 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VV007064.D
Acq: 17 Aug 2018 19:30

Instrument :
MSVOA_V
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	64.1	119.1
188	3.3	4.0	6.0

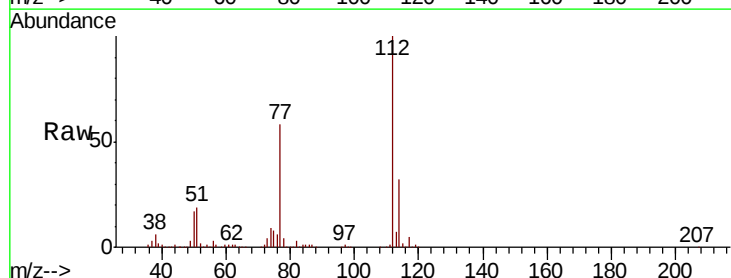


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

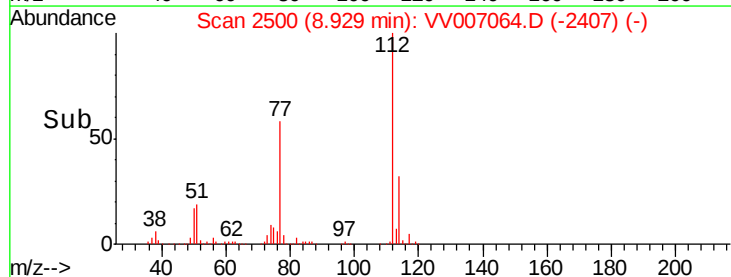
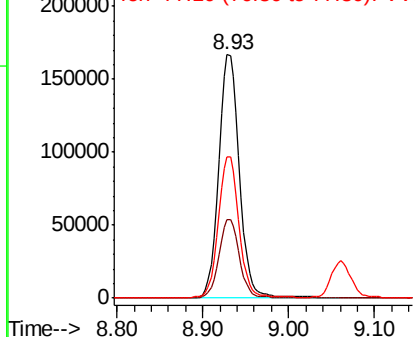


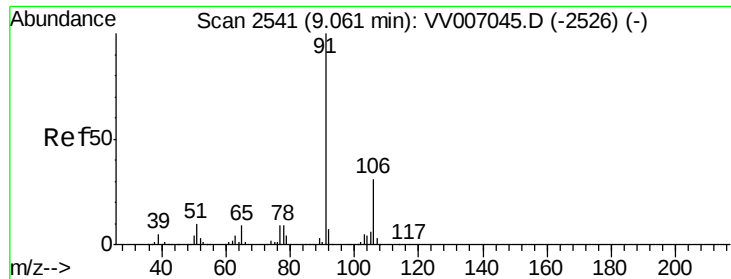
#51
Chlorobenzene
Concen: 5.514 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV007064.D
Acq: 17 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.8	40.6
77	57.9	48.0	72.0



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





#52

Ethylbenzene

Concen: 5.297 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

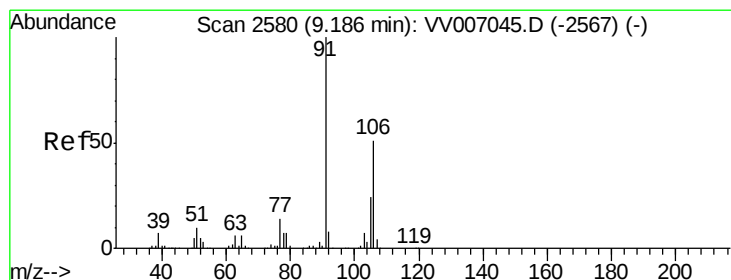
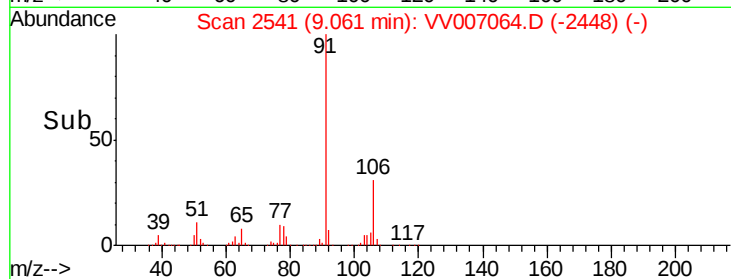
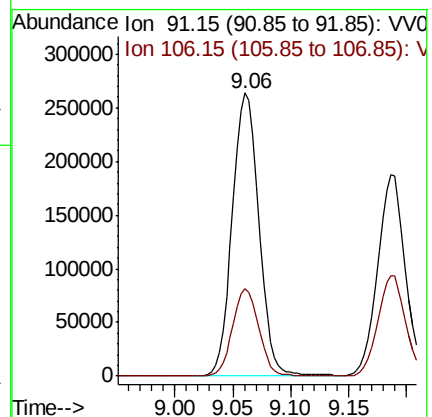
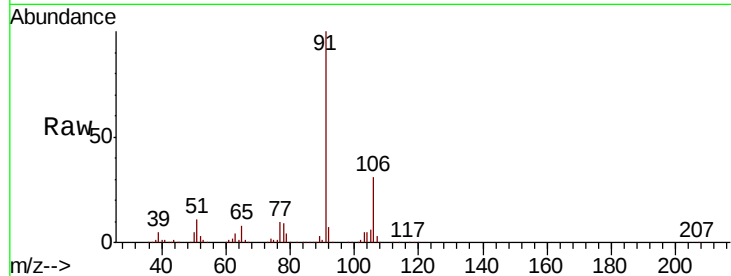
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 420363

Ion Ratio Lower Upper

91 100

106 31.1 21.3 39.5



#53

m,p-xylene

Concen: 5.290 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV007064.D

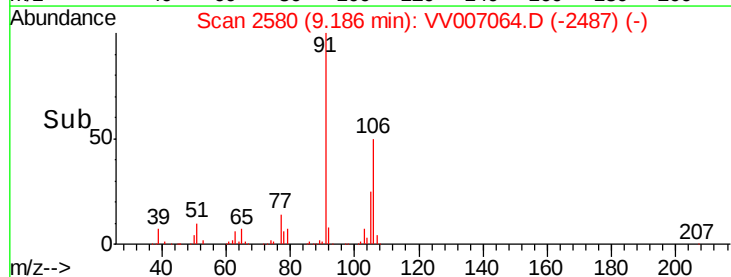
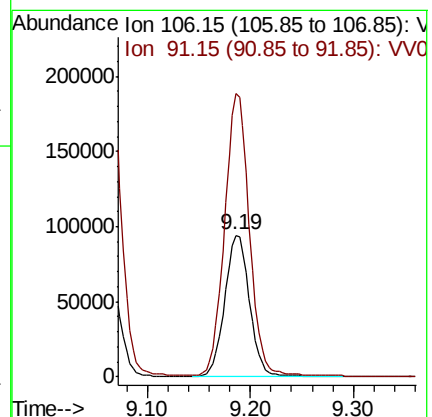
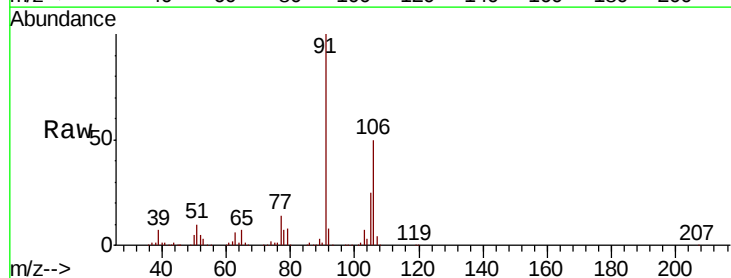
Acq: 17 Aug 2018 19:30

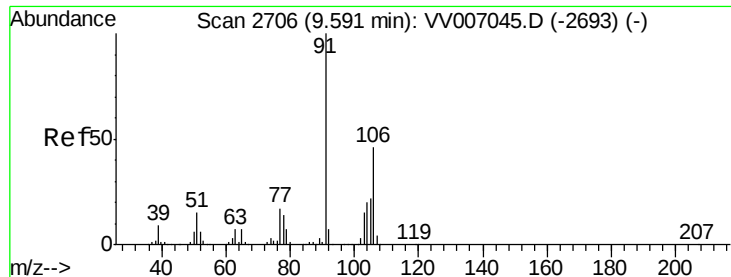
Tgt Ion: 106 Resp: 156471

Ion Ratio Lower Upper

106 100

91 200.2 141.6 263.0





#54

o-xylene

Concen: 5.372 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

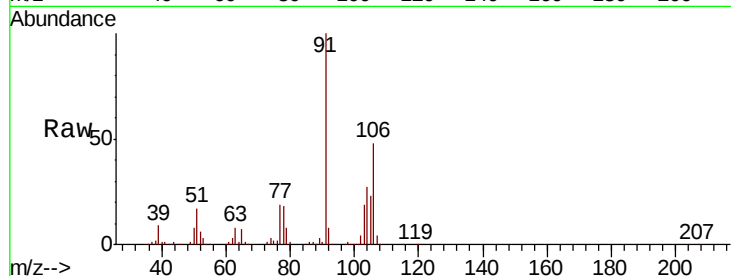
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 150580

Ion Ratio Lower Upper

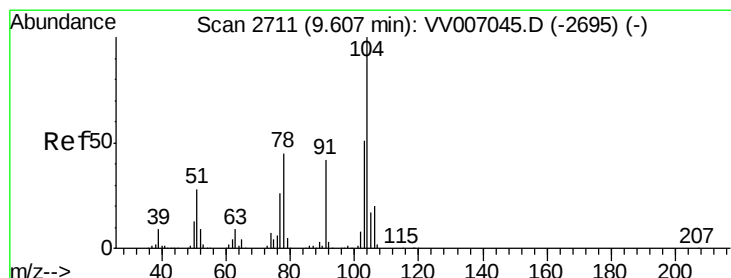
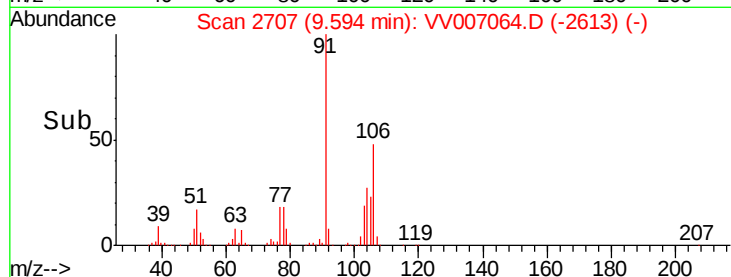
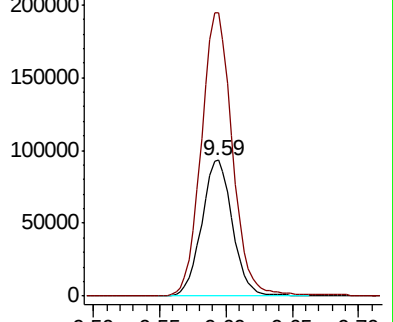
106 100

91 208.6 149.8 278.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.625 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV007064.D

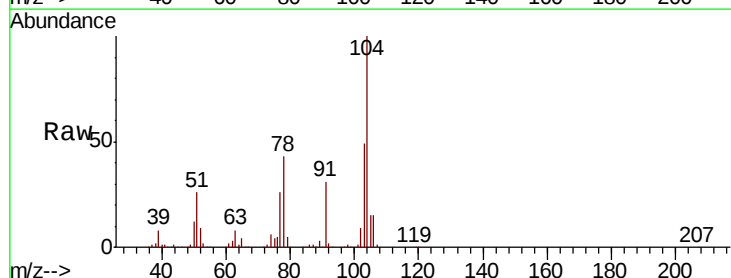
Acq: 17 Aug 2018 19:30

Tgt Ion:104 Resp: 265758

Ion Ratio Lower Upper

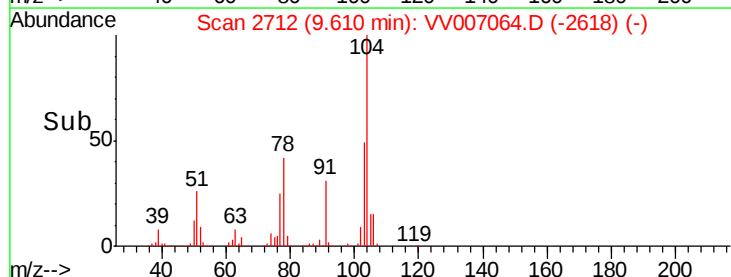
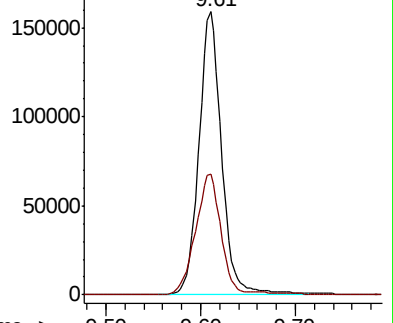
104 100

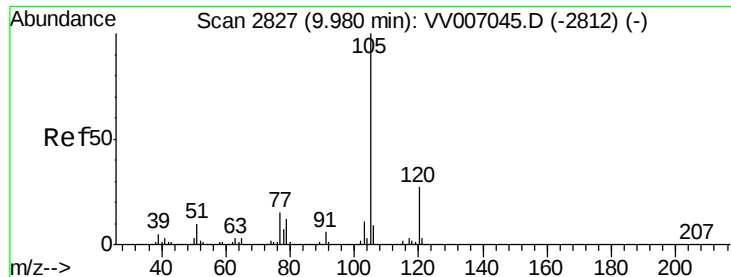
78 42.6 30.4 56.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 5.353 ug/L

RT: 9.98 min Scan# 2827

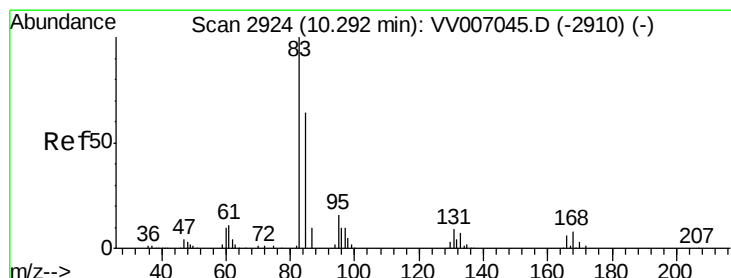
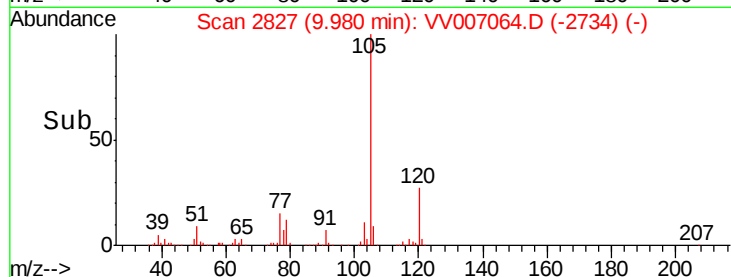
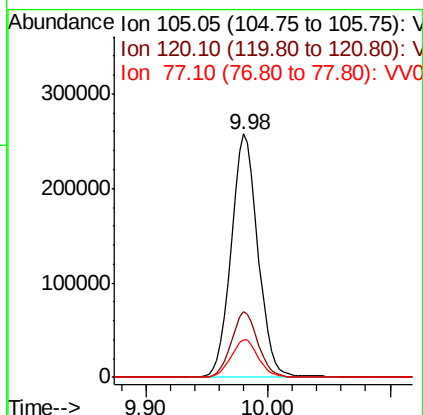
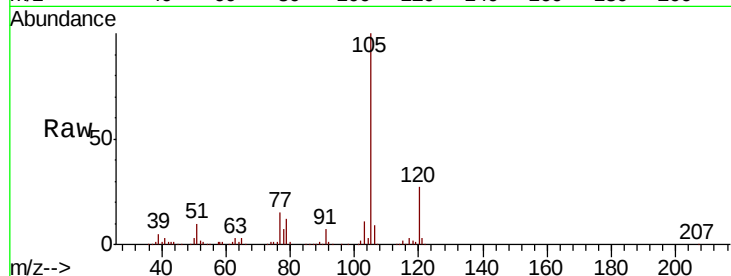
Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	105	Resp:	393653
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.1	31.7
77	15.9	13.0	19.4



#58

1,1,2,2-Tetrachloroethane

Concen: 5.885 ug/L

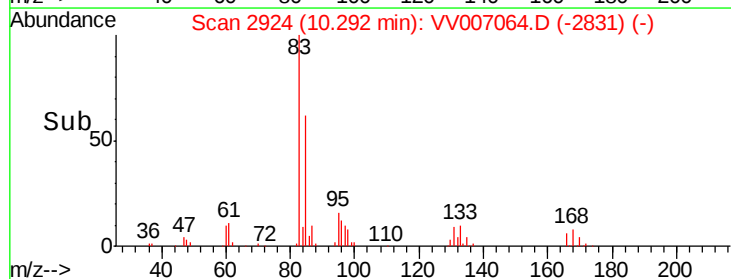
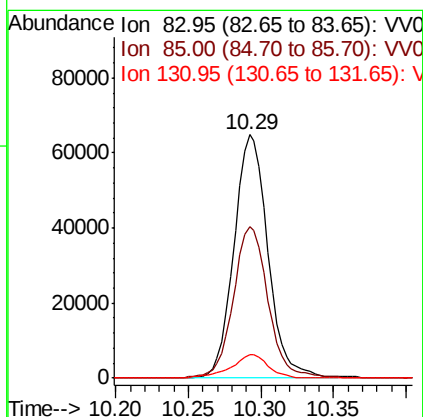
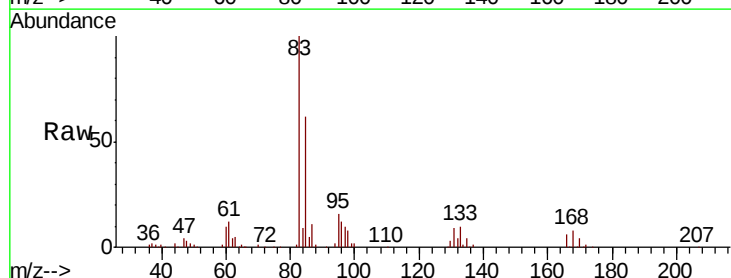
RT: 10.29 min Scan# 2924

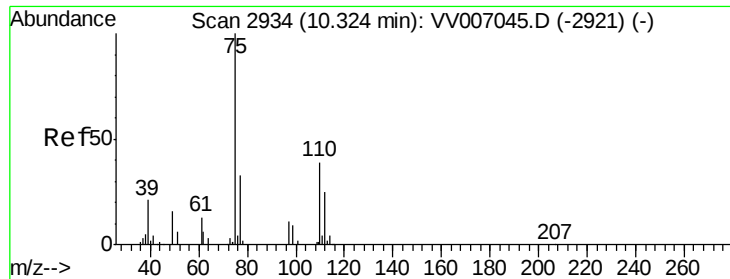
Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

Tgt Ion:	83	Resp:	105343
Ion	Ratio	Lower	Upper
83	100		
85	62.3	43.0	79.8
131	9.5	7.4	11.2





#59

1,2,3-Trichloropropane

Concen: 5.982 ug/L

RT: 10.33 min Scan# 2935

Delta R.T. 0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

Instrument :

MSVOA_V

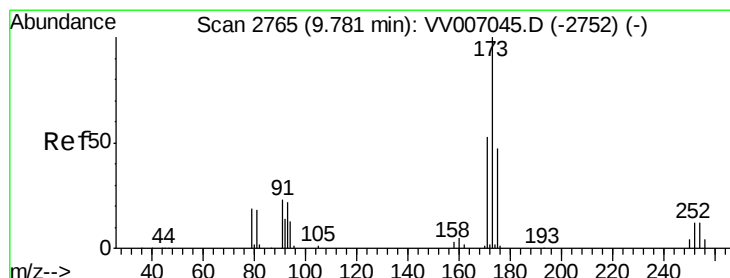
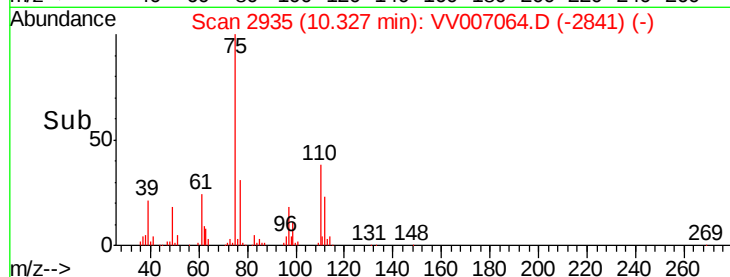
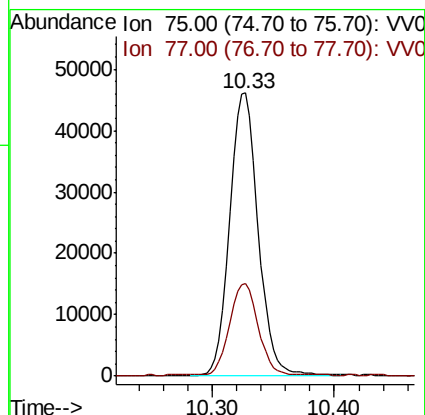
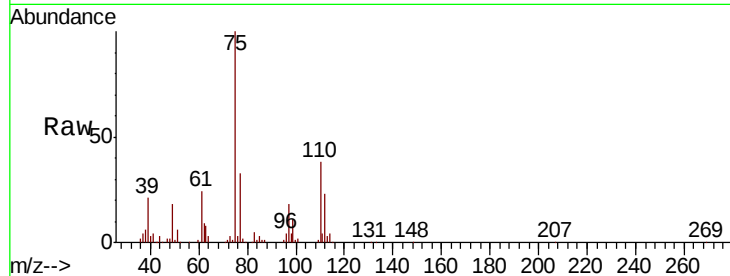
ClientSampleId :

Tot Ion: 75 Resp: 75804

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



#61

Bromoform

Concen: 6.231 ug/L

RT: 9.78 min Scan# 2766

Delta R.T. 0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

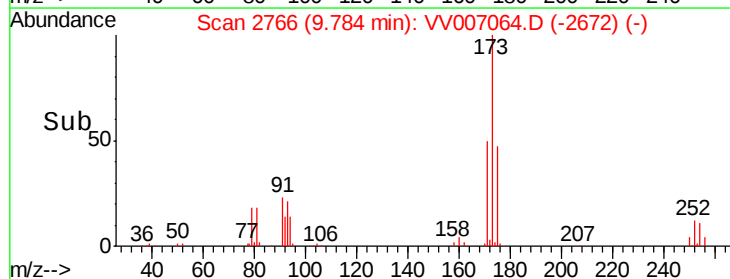
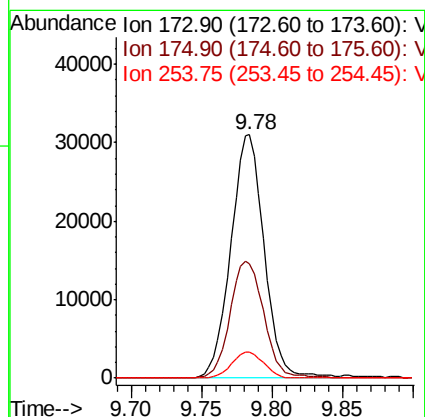
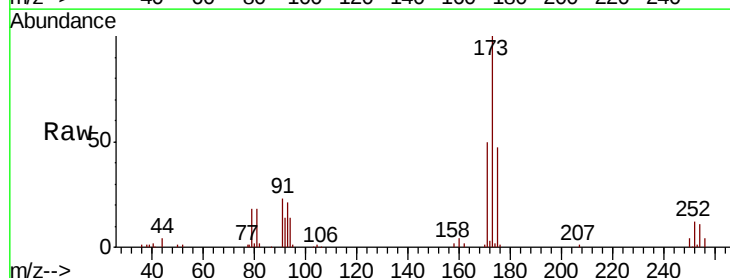
Tgt Ion: 173 Resp: 51453

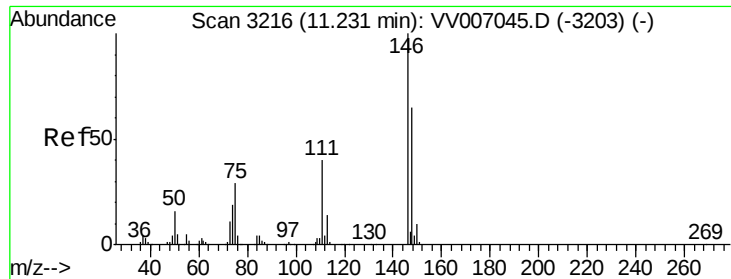
Ion Ratio Lower Upper

173 100

175 48.5 39.3 58.9

254 10.3 8.3 12.5

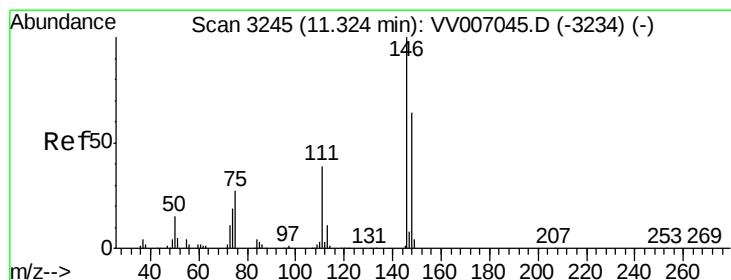
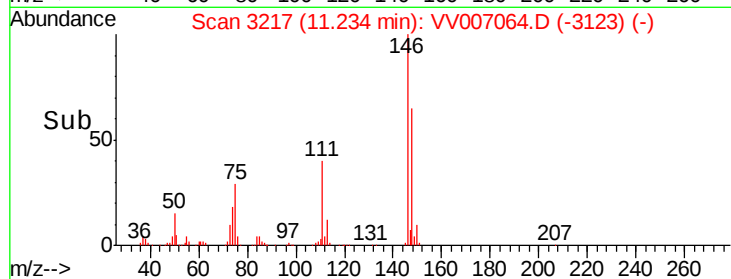
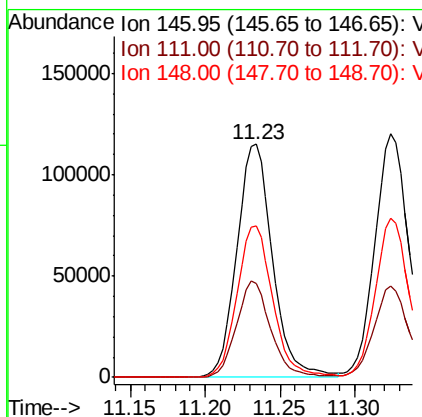
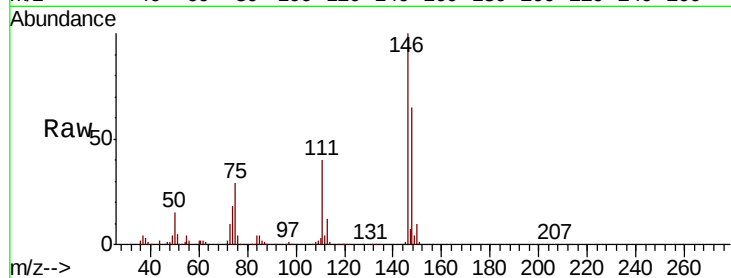




#62
 1,3-Dichlorobenzene
 Concen: 5.416 ug/L
 RT: 11.23 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

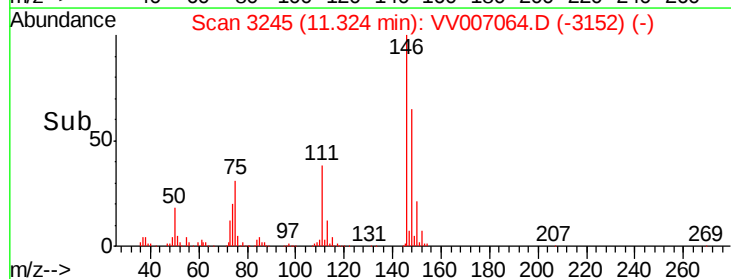
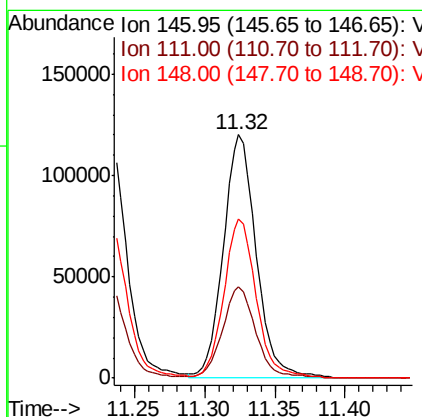
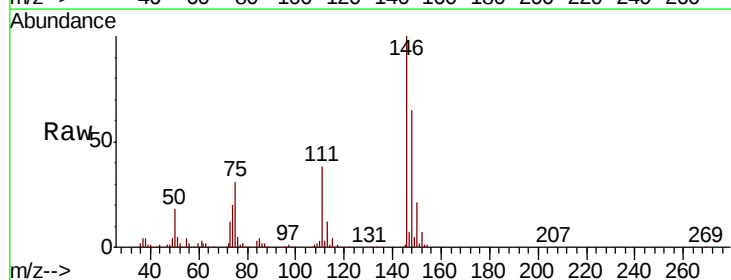
Instrument :
 MSVOA_V
 ClientSampleId :

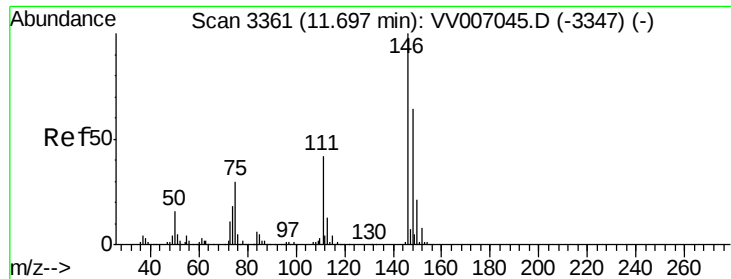
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	28.1	52.3
148	65.3	44.2	82.2



#63
 1,4-Dichlorobenzene
 Concen: 5.389 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	26.6	49.4
148	65.3	46.4	86.2

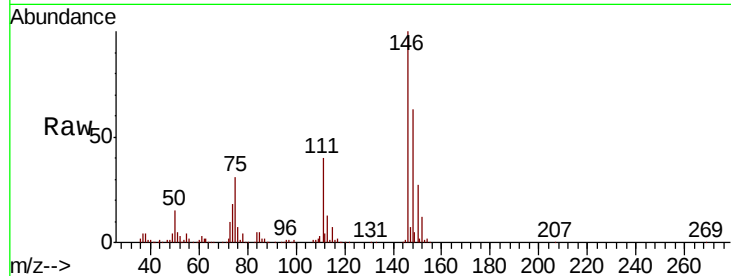




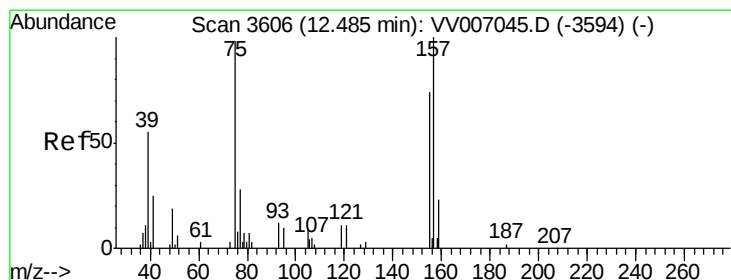
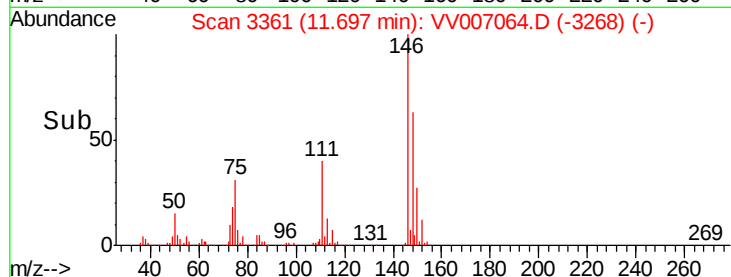
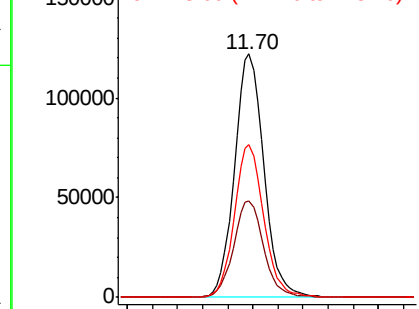
#65
 1,2-Dichlorobenzene
 Concen: 5.710 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. -0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	33.0	49.6
148	62.9	50.6	75.8

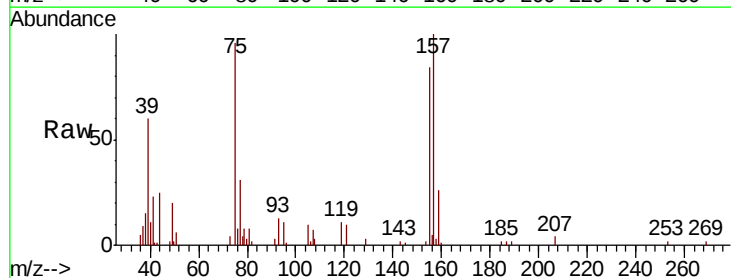


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

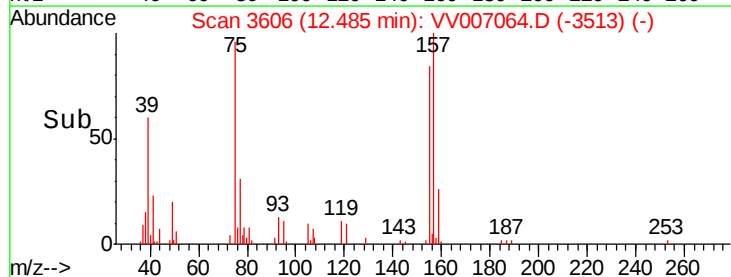
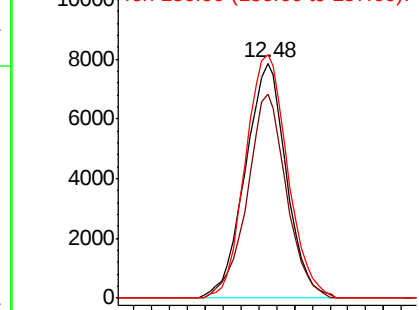


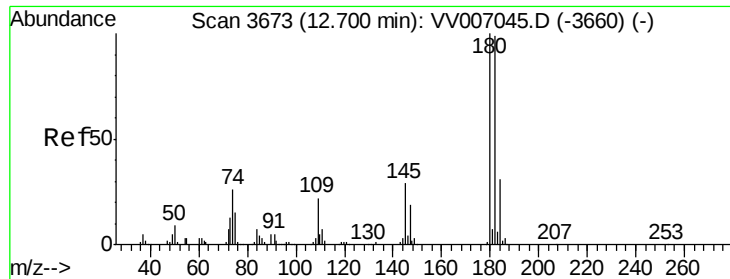
#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.129 ug/L
 RT: 12.48 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	62.6	94.0
157	103.7	77.0	115.6



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

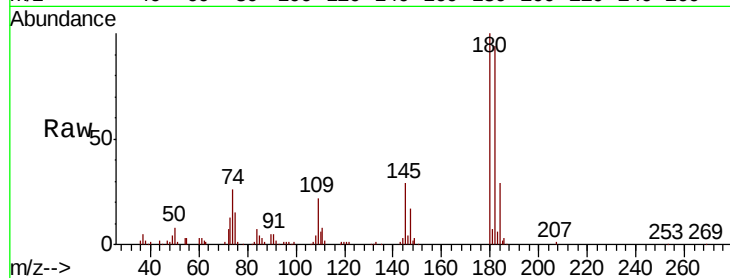




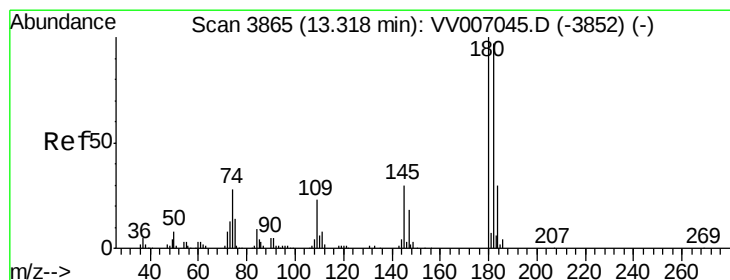
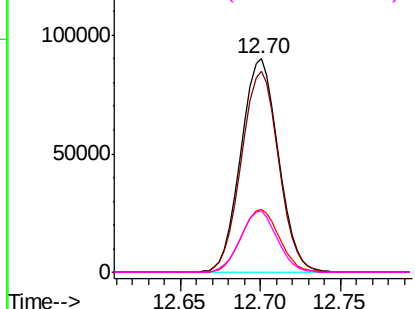
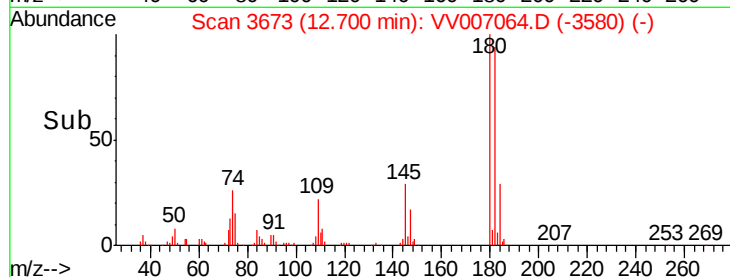
#67
 1,3,5-Trichlorobenzene
 Concen: 5.390 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:180	Resp:	143919
Ion Ratio	Lower	Upper
180	100	
182	93.6	75.1 112.7
184	29.7	23.8 35.8
145	28.1	21.9 32.9

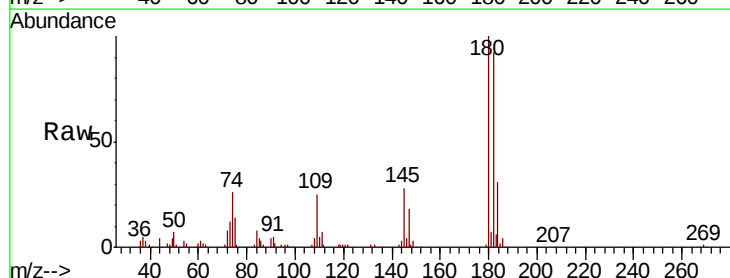


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

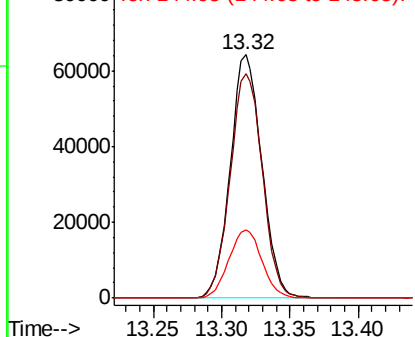
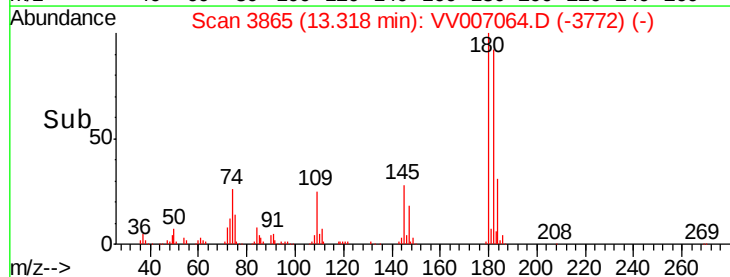


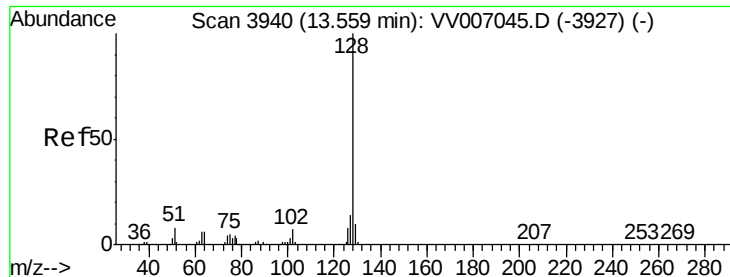
#68
 1,2,4-trichlorobenzene
 Concen: 5.274 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: VV007064.D
 Acq: 17 Aug 2018 19:30

Tgt Ion:180	Resp:	103355
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.5 114.7
145	29.1	23.6 35.4



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: 4.707 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

Instrument :

MSVOA_V

ClientSampled :

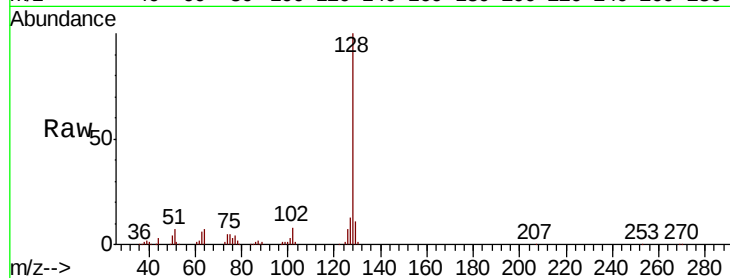
Tot Ion:128 Resp: 132460

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

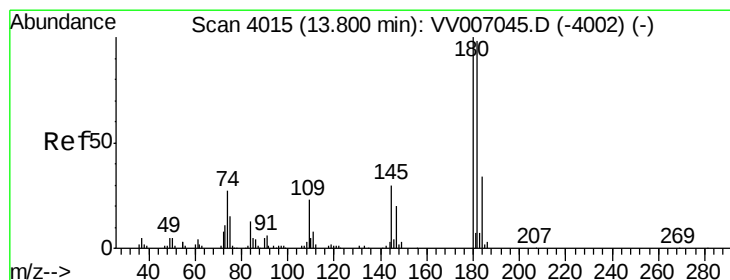
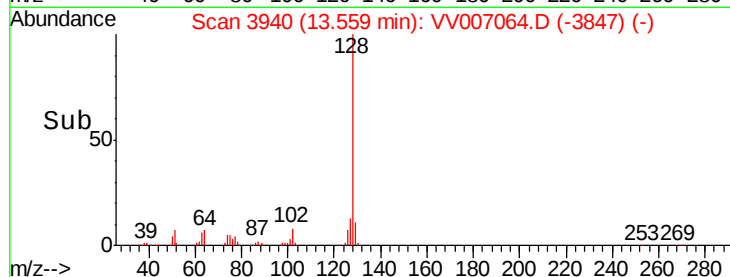
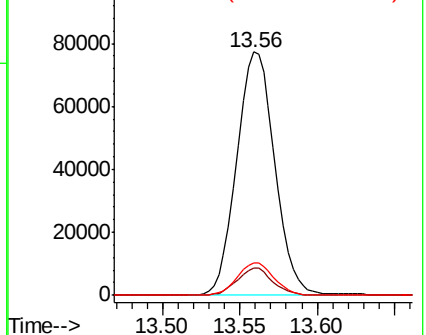
127 12.9 10.6 16.0



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



#70

1,2,3-Trichlorobenzene

Concen: 5.320 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. -0.00 min

Lab File: VV007064.D

Acq: 17 Aug 2018 19:30

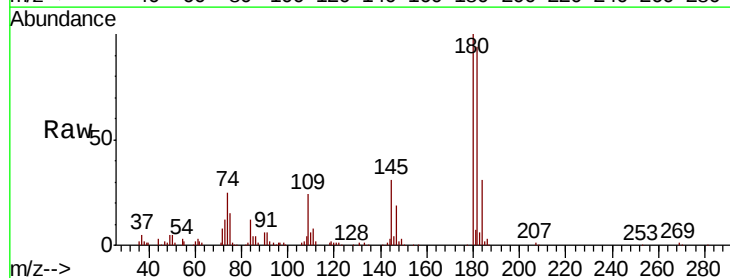
Tgt Ion:180 Resp: 100488

Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

145 30.3 24.6 36.8



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

