

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\
 Data File : VV006872.D
 Acq On : 04 Aug 2018 10:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 03:22:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 04 04:38:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	208063	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	203463	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81784	5.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.40%
7) Chloroethane-d5	1.58	69	70869	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.13	63	155108	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.20%
20) 2-Butanone-d5	3.96	46	186935	53.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	4.40	84	144908	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
26) 1,2-Dichloroethane-d4	5.09	65	74175	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.10	84	275809	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	91691	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	251255	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.67	79	32634	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.14	63	123306	43.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73004	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	80847	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	91766	5.522	ug/L 97
3) Chloromethane	1.25	50	96003	3.996	ug/L 98
5) Vinyl chloride	1.32	62	102119	5.471	ug/L 100
6) Bromomethane	1.54	94	24157	5.190	ug/L 94
8) Chloroethane	1.60	64	65600	5.229	ug/L 99
9) Trichlorofluoromethane	1.77	101	128586	5.634	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	82001	5.712	ug/L 98
12) 1,1-Dichloroethene	2.14	96	72684	5.466	ug/L 96
13) Acetone	2.20	43	141986	57.607	ug/L 99
14) Carbon disulfide	2.32	76	215587	5.465	ug/L 96
15) Methyl Acetate	2.47	43	39332	5.302	ug/L 100
16) Methylene chloride	2.54	84	84536	5.315	ug/L 97
17) Methyl tert-butyl Ether	2.82	73	190710	5.347	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	78704	5.432	ug/L 99
19) 1,1-Dichloroethane	3.23	63	151607	5.604	ug/L 98
21) 2-Butanone	4.04	43	201625	53.530	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	78430	5.043	ug/L 99

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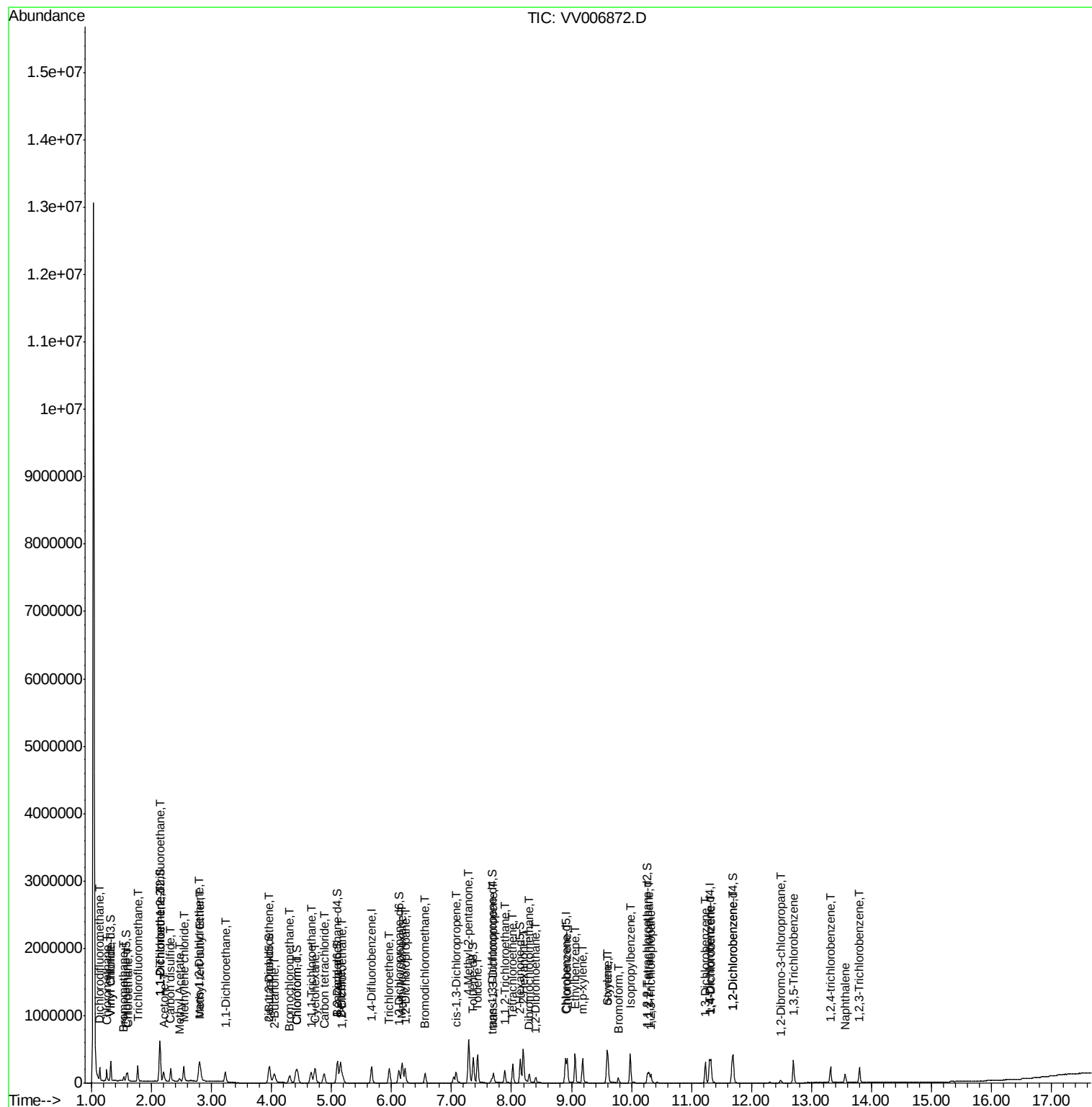
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	36712	5.427	ug/L	95
25) Chloroform	4.43	83	147427	5.604	ug/L	99
27) 1,2-Dichloroethane	5.19	62	87278	5.453	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	124296	5.270	ug/L	99
30) Cyclohexane	4.73	56	103380	4.232	ug/L	98
31) Carbon tetrachloride	4.88	117	103390	5.324	ug/L	96
33) Benzene	5.15	78	302115	4.833	ug/L	100
34) Trichloroethene	5.96	95	76887	4.832	ug/L	96
35) Methylcyclohexane	6.18	83	105977	4.195	ug/L	94
37) 1,2-Dichloropropane	6.23	63	81842	4.993	ug/L	98
38) Bromodichloromethane	6.56	83	98747	5.292	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	98550	4.656	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	432308	47.655	ug/L	98
42) Toluene	7.44	91	300659	4.889	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	84458	4.846	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	59132	4.990	ug/L	97
47) Tetrachloroethene	8.02	164	62439	4.926	ug/L	97
48) 2-Hexanone	8.20	43	314687	51.124	ug/L	98
49) Dibromochloromethane	8.30	129	64258	5.364	ug/L	97
50) 1,2-Dibromoethane	8.40	107	51230	5.072	ug/L	95
51) Chlorobenzene	8.93	112	191888	4.847	ug/L	97
52) Ethylbenzene	9.06	91	284553	4.429	ug/L	99
53) m,p-xylene	9.19	106	106169	4.452	ug/L	97
54) o-xylene	9.59	106	99480	4.134	ug/L	99
55) Styrene	9.61	104	161337	4.267	ug/L	96
56) Isopropylbenzene	9.98	105	266827	4.359	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	72369	5.046	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	51871	5.146	ug/L	99
61) Bromoform	9.78	173	33675	5.492	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	132624	4.660	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	132995	4.724	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	131665	4.715	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	9778	5.035	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	105229	4.806	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	74971	4.409	ug/L	99
69) Naphthalene	13.56	128	103574	3.494	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	71517	4.357	ug/L	99

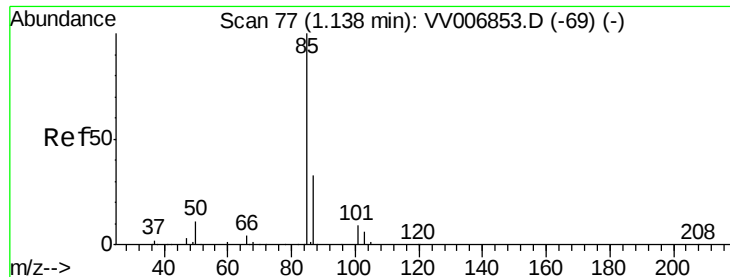
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.522 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

Instrument :

MSVOA_V

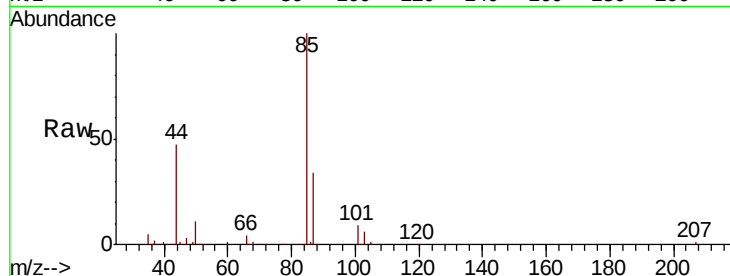
ClientSampled :

Tot Ion: 85 Resp: 91766

Ion Ratio Lower Upper

85 100

87 33.1 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV006853.D (-69) (-)

Ion 87.00 (86.70 to 87.70): VV006853.D (-69) (-)

1.14

100000

80000

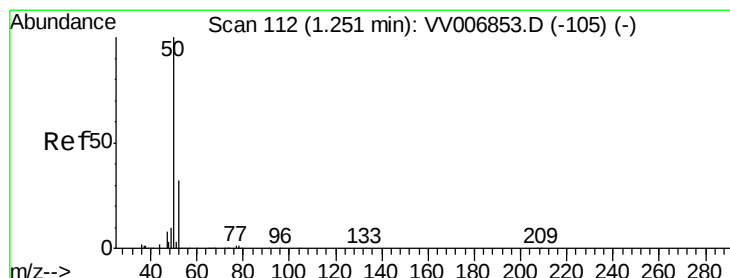
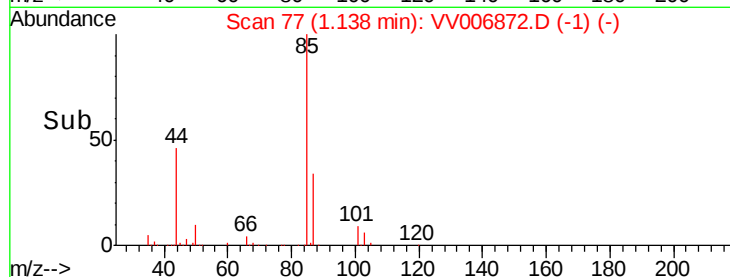
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 3.996 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006872.D

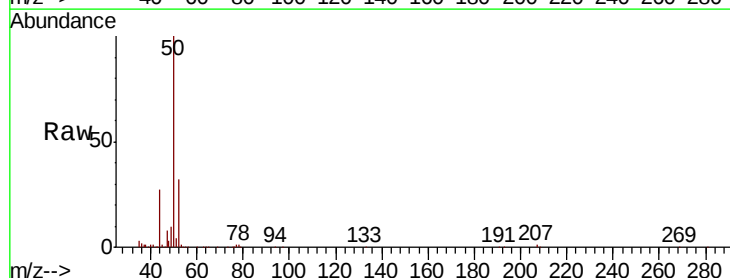
Acq: 04 Aug 2018 10:25

Tgt Ion: 50 Resp: 96003

Ion Ratio Lower Upper

50 100

52 31.9 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV006853.D (-105) (-)

Ion 52.05 (51.75 to 52.75): VV006853.D (-105) (-)

1.25

120000

100000

80000

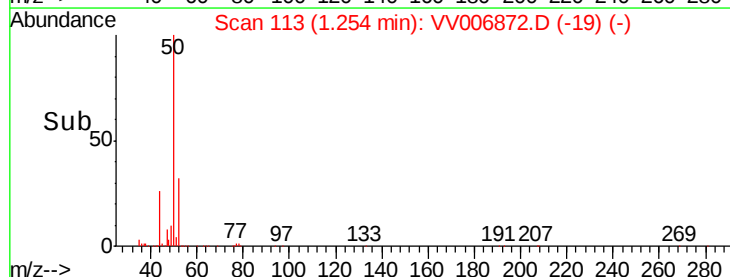
60000

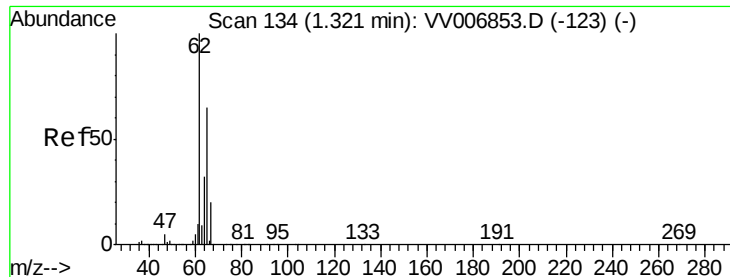
40000

20000

0

Time-->





#5

Vinyl chloride

Concen: 5.471 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

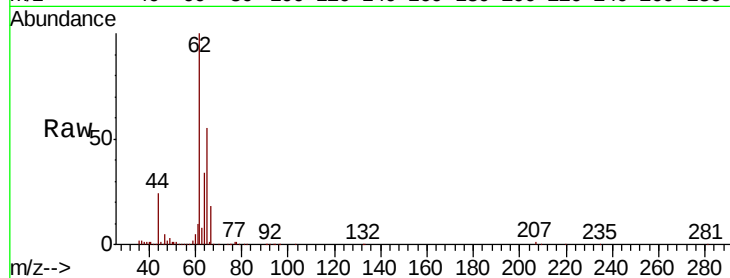
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 102119

Ion Ratio Lower Upper

62 100

64 33.7 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VV006853.D (-123) (-)

Ion 64.10 (63.80 to 64.80): VV006872.D (-107) (-)

120000

100000

80000

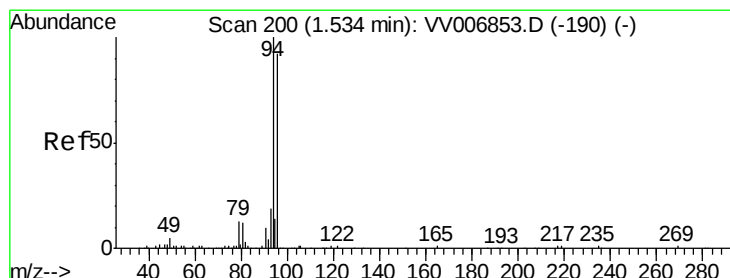
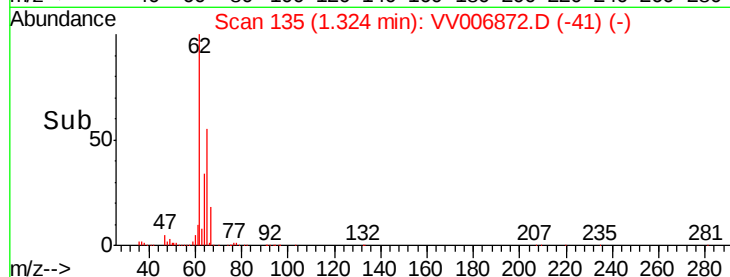
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#6

Bromomethane

Concen: 5.190 ug/L

RT: 1.54 min Scan# 201

Delta R.T. 0.00 min

Lab File: VV006872.D

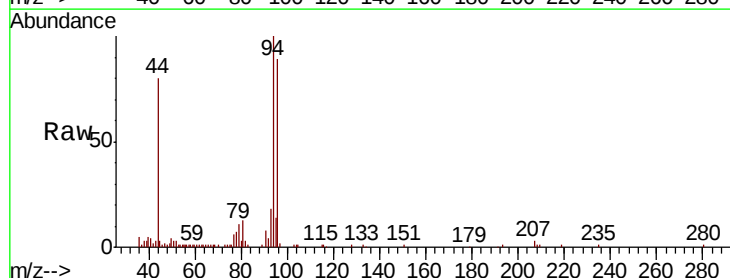
Acq: 04 Aug 2018 10:25

Tgt Ion: 94 Resp: 24157

Ion Ratio Lower Upper

94 100

96 89.3 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VV006853.D (-190) (-)

Ion 96.00 (95.70 to 96.70): VV006872.D (-107) (-)

25000

20000

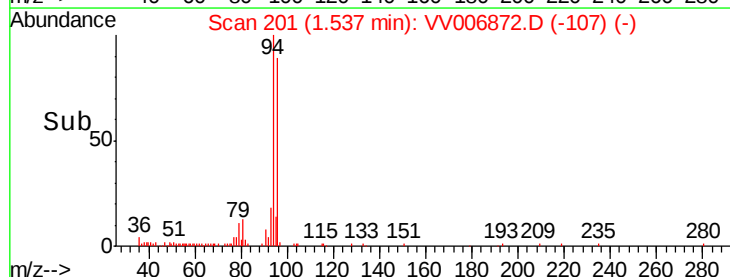
15000

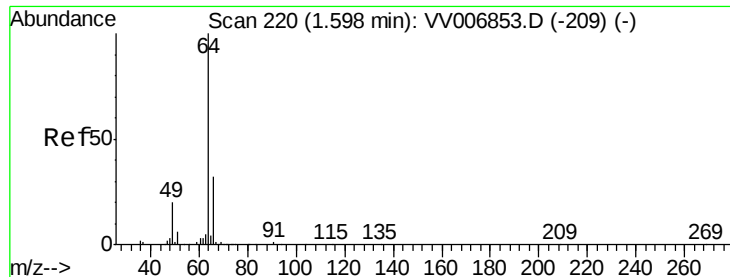
10000

5000

0

Time--> 1.50 1.55 1.60





#8

Chloroethane

Concen: 5.229 ug/L

RT: 1.60 min Scan# 221

Delta R.T. 0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

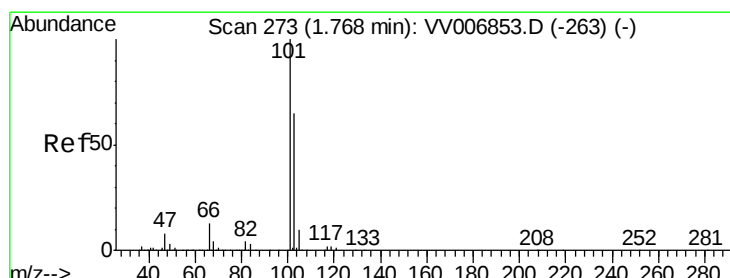
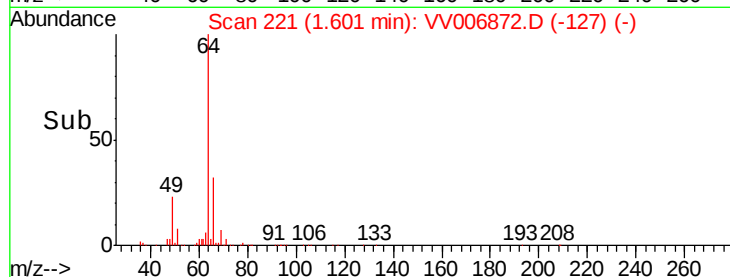
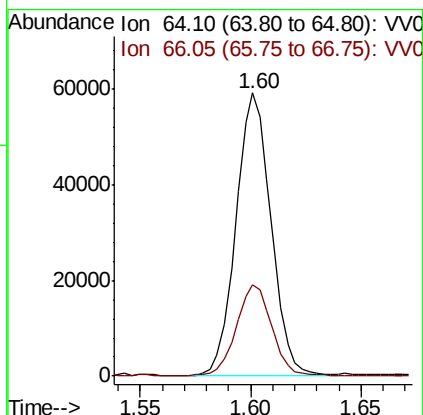
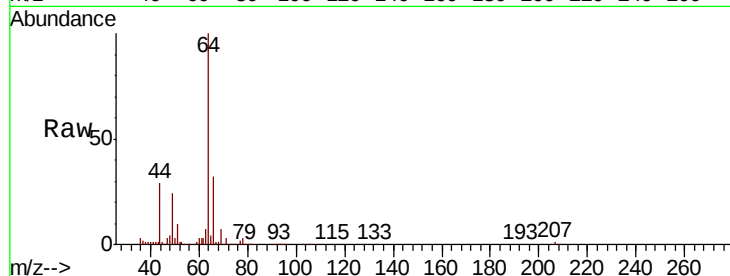
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 65600

Ion Ratio Lower Upper

64 100

66 32.4 23.0 42.6



#9

Trichlorofluoromethane

Concen: 5.634 ug/L

RT: 1.77 min Scan# 274

Delta R.T. 0.00 min

Lab File: VV006872.D

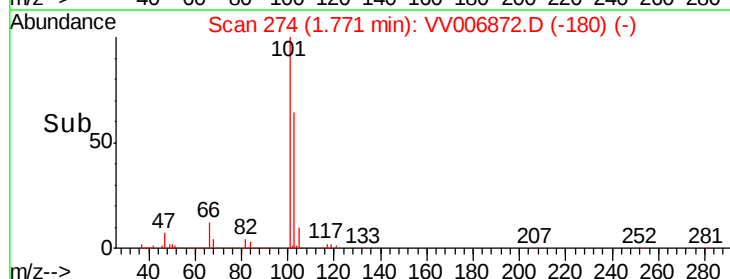
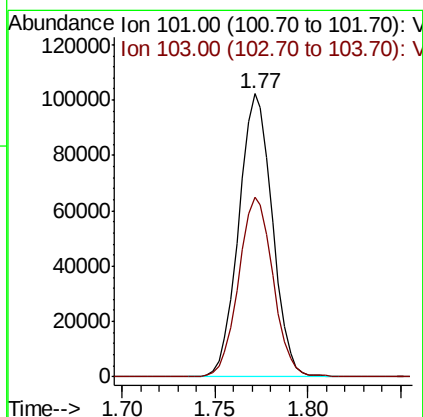
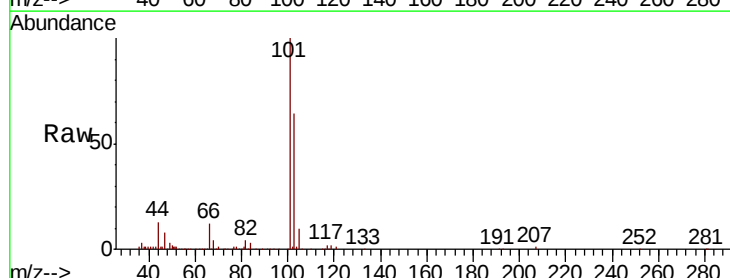
Acq: 04 Aug 2018 10:25

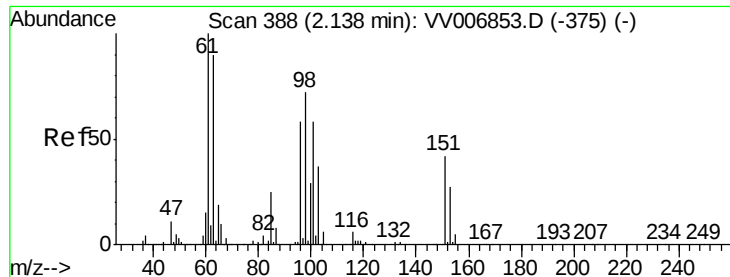
Tgt Ion: 101 Resp: 128586

Ion Ratio Lower Upper

101 100

103 65.4 51.1 76.7





#10

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

Concen: 5.712 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

Instrument :

MSVOA_V

ClientSampled :

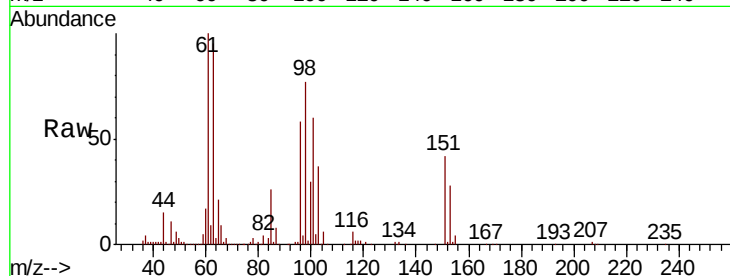
Tot Ion:101 Resp: 82001

Ion Ratio Lower Upper

101 100

85 43.6 33.3 49.9

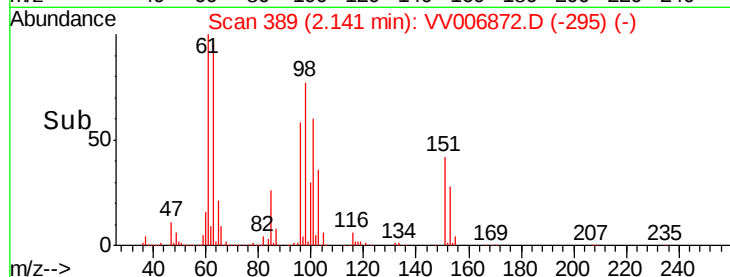
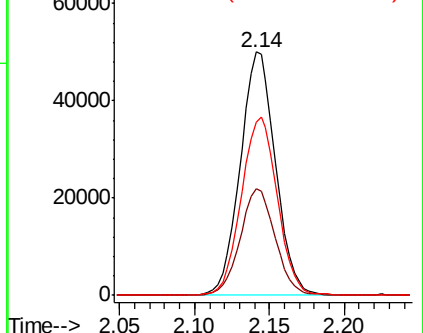
151 74.8 59.4 89.2



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: 5.466 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

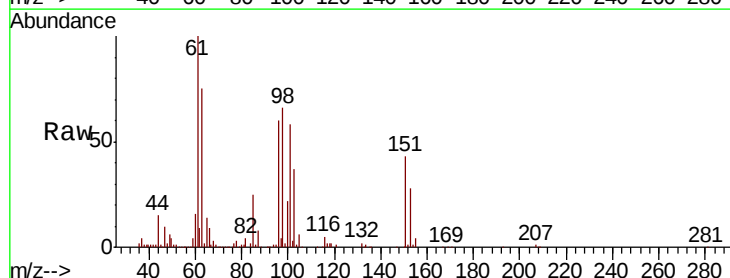
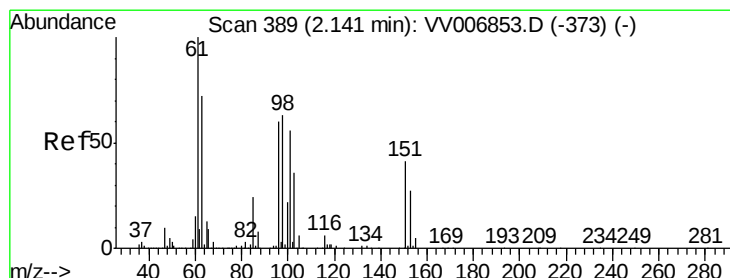
Tgt Ion: 96 Resp: 72684

Ion Ratio Lower Upper

96 100

61 167.5 115.3 214.1

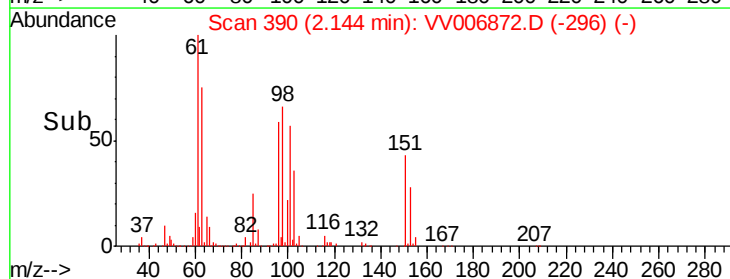
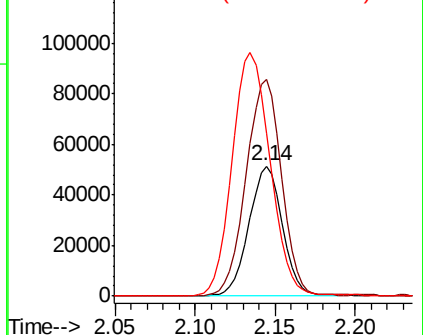
63 125.7 81.9 152.1

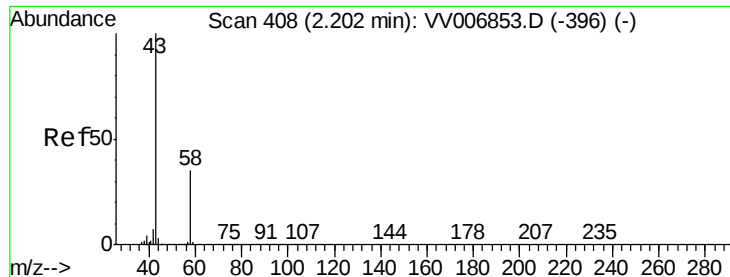


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 57.607 ug/L

RT: 2.20 min Scan# 408

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

Instrument :

MSVOA_V

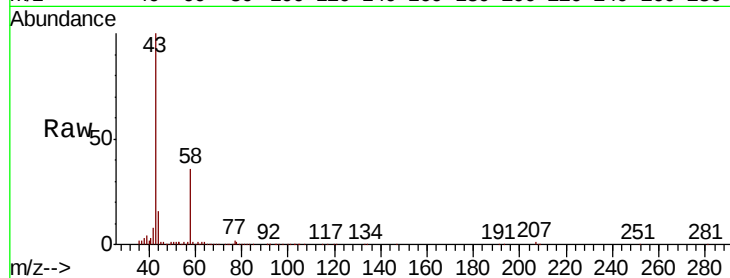
ClientSampled :

Tot Ion: 43 Resp: 141986

Ion Ratio Lower Upper

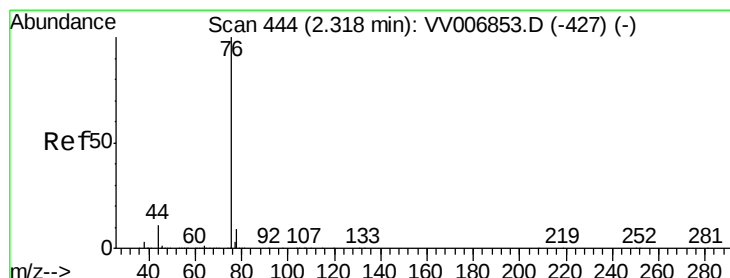
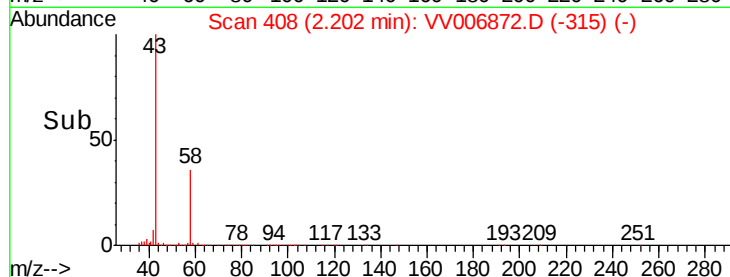
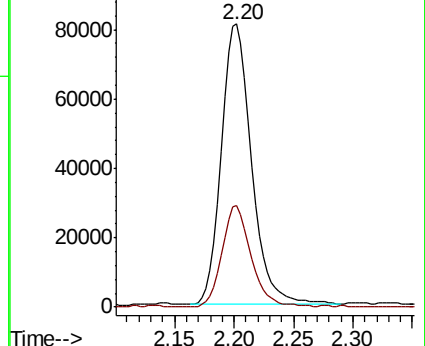
43 100

58 34.8 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006853.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV006853.D (-396) (-)



#14

Carbon disulfide

Concen: 5.465 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006872.D

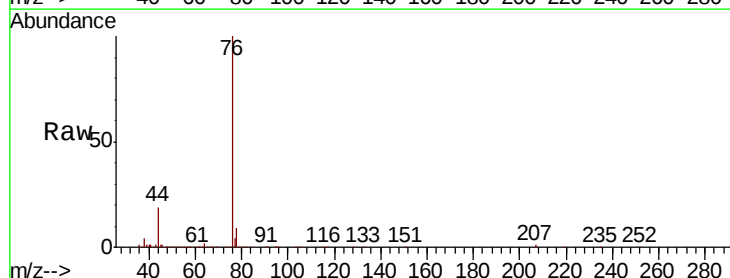
Acq: 04 Aug 2018 10:25

Tgt Ion: 76 Resp: 215587

Ion Ratio Lower Upper

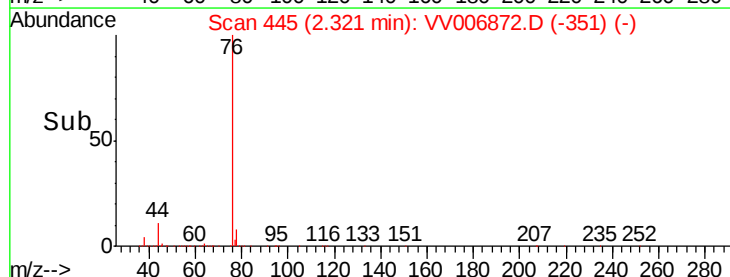
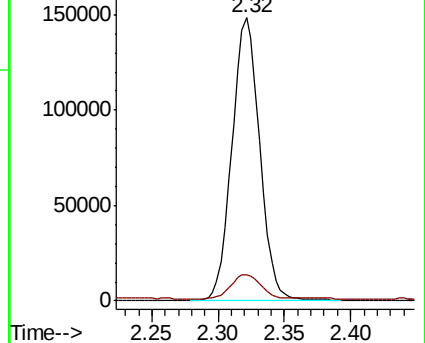
76 100

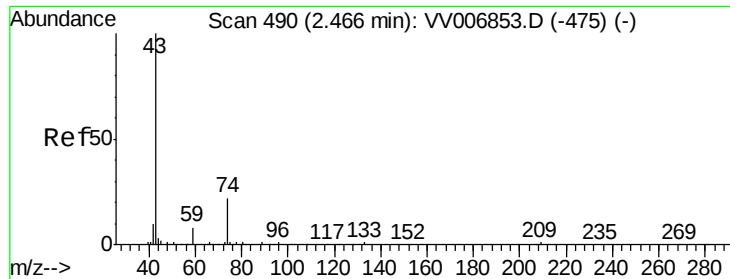
78 9.3 8.7 13.1



Abundance Ion 76.05 (75.75 to 76.75): VV006853.D (-427) (-)

Ion 78.00 (77.70 to 78.70): VV006853.D (-427) (-)

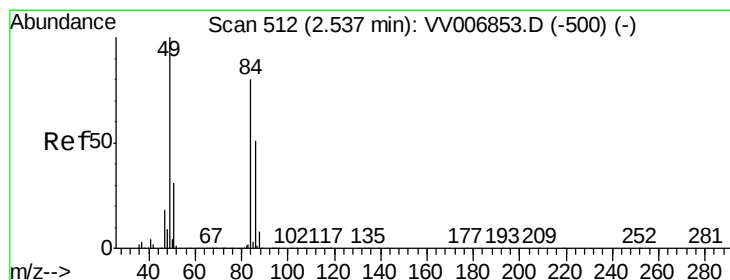
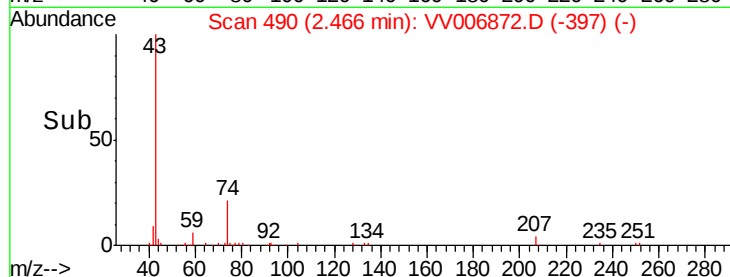
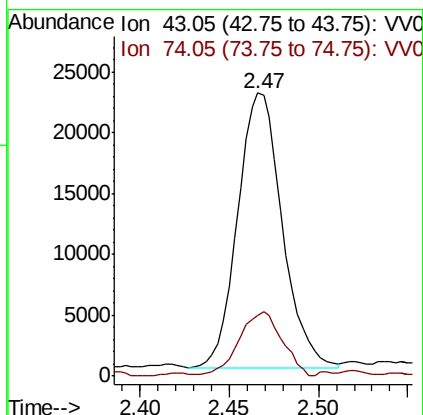
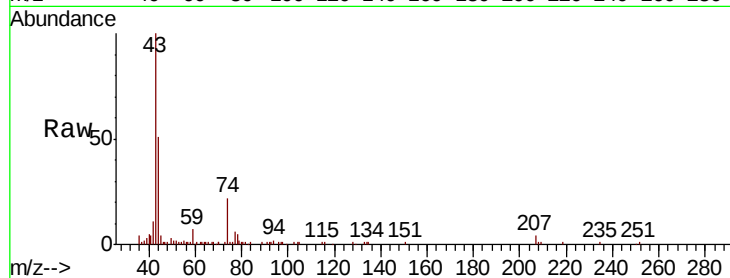




#15
Methvl Acetate
Concen: 5.302 ug/L
RT: 2.47 min Scan# 490
Delta R.T. -0.00 min
Lab File: VV006872.D
Acq: 04 Aug 2018 10:25

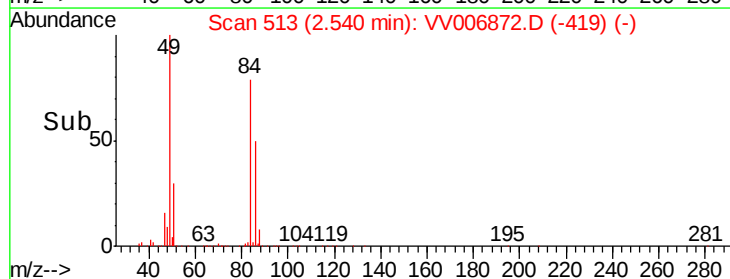
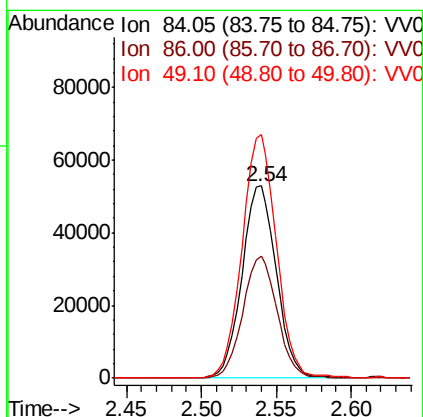
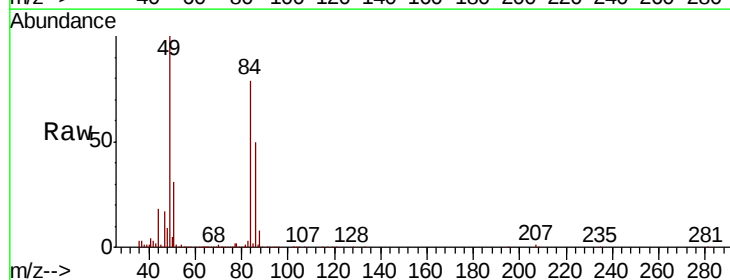
Instrument :
MSVOA_V
ClientSampled :

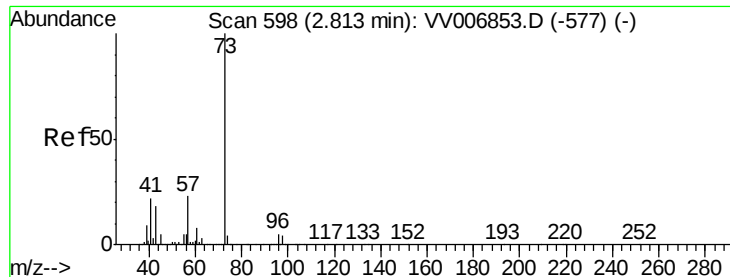
Tot Ion: 43 Resp: 39332
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5



#16
Methylene chloride
Concen: 5.315 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006872.D
Acq: 04 Aug 2018 10:25

Tgt Ion: 84 Resp: 84536
Ion Ratio Lower Upper
84 100
86 63.3 43.8 81.3
49 126.7 85.3 158.5



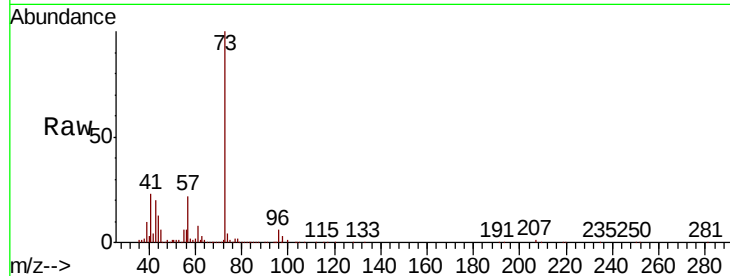


#17

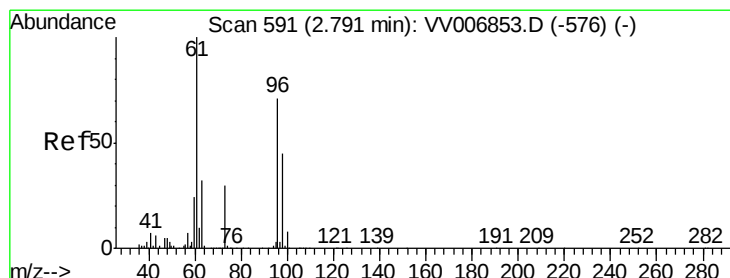
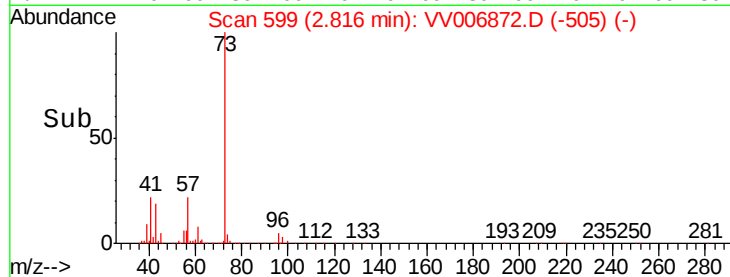
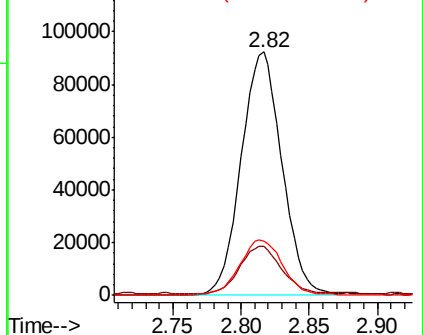
Methvl tert-butvl Ether
 Concen: 5.347 ug/L
 RT: 2.82 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
43	19.9	14.6	22.0
57	23.7	18.0	27.0



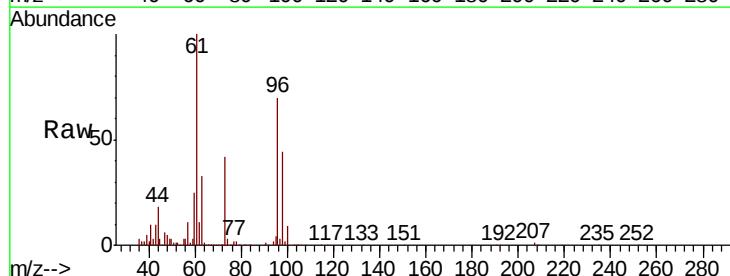
Abundance Ion 73.10 (72.80 to 73.80): VV0
 Ion 43.05 (42.75 to 43.75): VV0
 Ion 57.10 (56.80 to 57.80): VV0



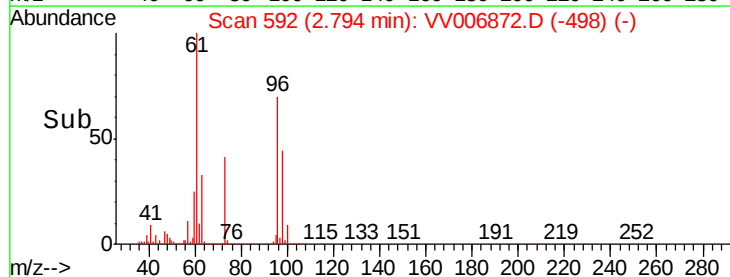
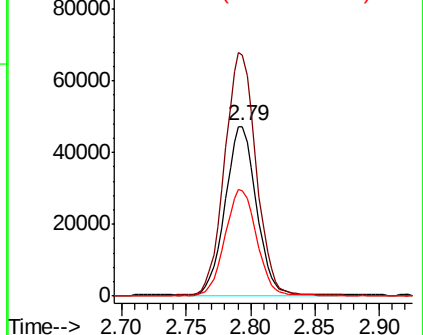
#18

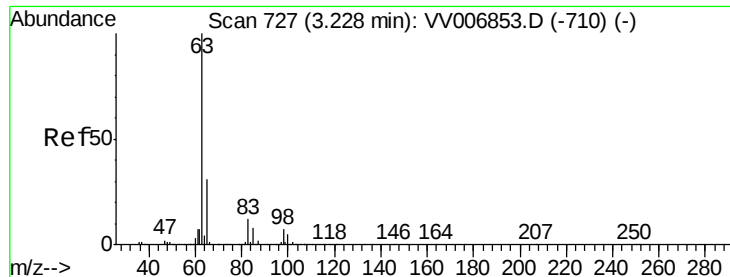
trans-1,2-Dichloroethene
 Concen: 5.432 ug/L
 RT: 2.79 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.3	99.0	183.8
98	62.4	42.8	79.4



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

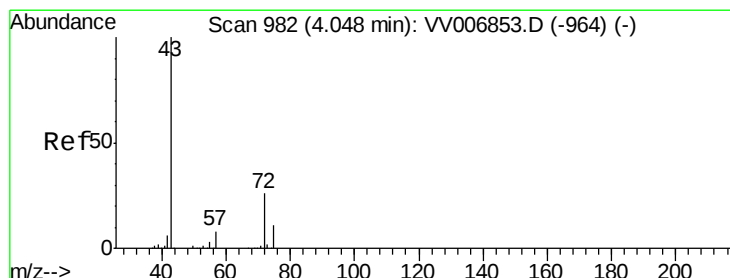
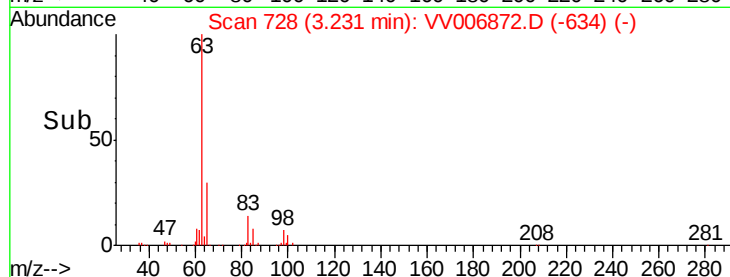
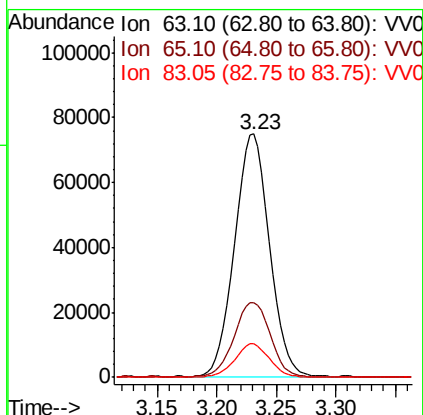
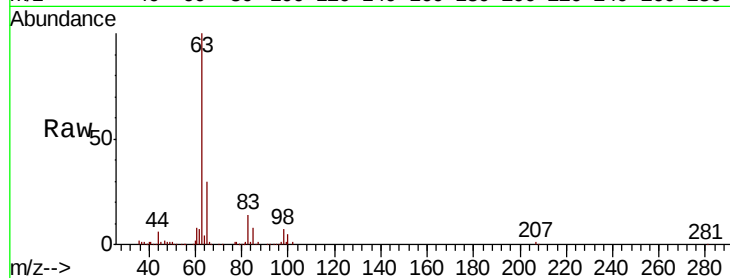




#19
 1,1-Dichloroethane
 Concen: 5.604 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

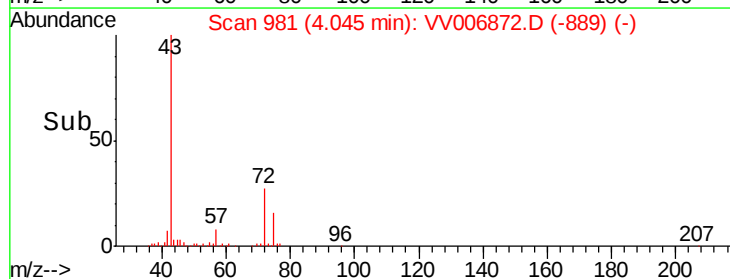
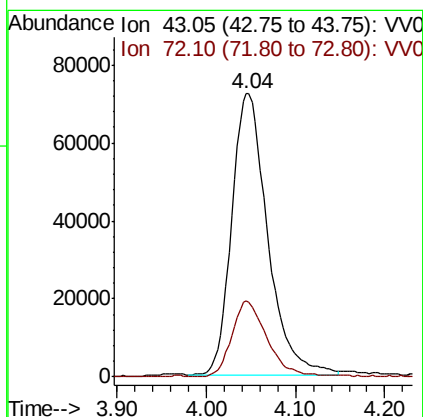
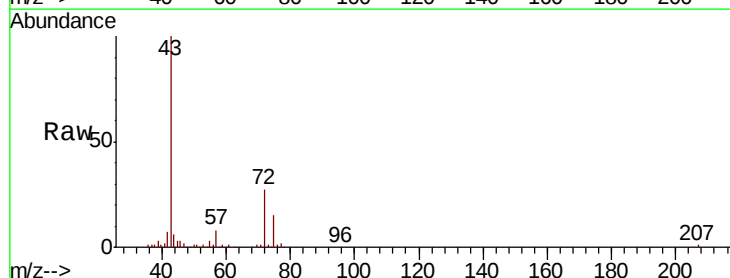
Instrument :
 MSVOA_V
 ClientSampleId :

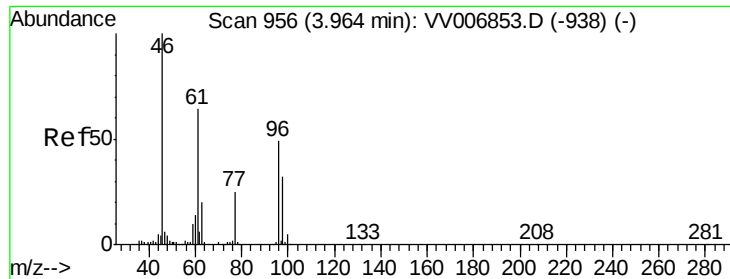
Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.2	41.2
83	13.6	9.0	16.6



#21
 2-Butanone
 Concen: 53.530 ug/L
 RT: 4.04 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.2	13.4	40.1

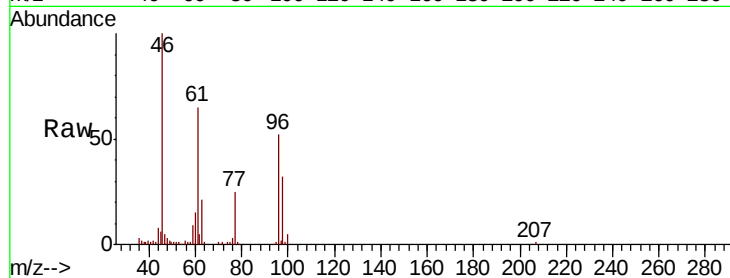




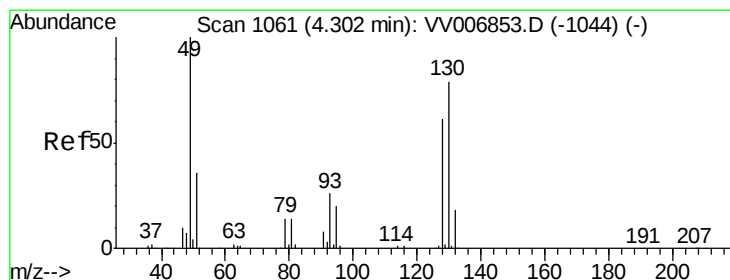
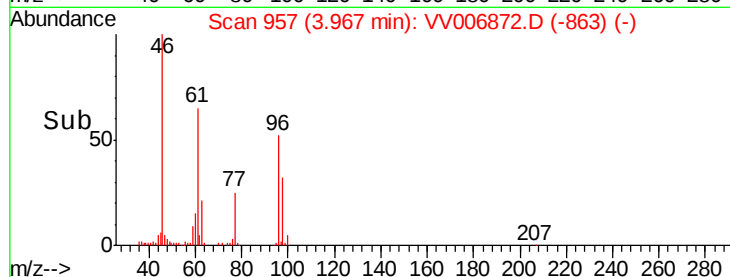
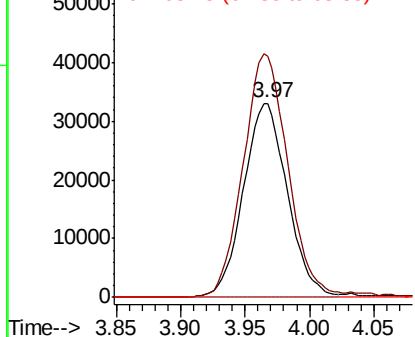
#22
 cis-1,2-Dichloroethene
 Concen: 5.043 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 96 Resp: 78430
 Ion Ratio Lower Upper
 96 100
 61 124.4 86.6 160.8
 68 0.0 0.0 0.0

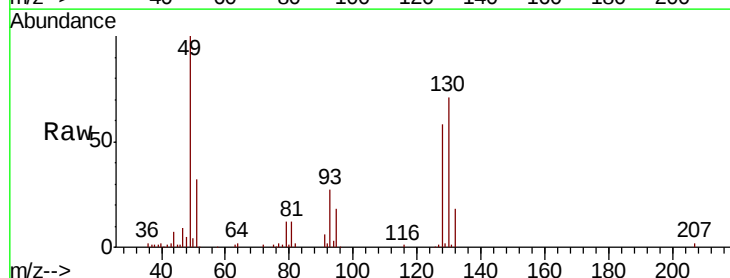


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

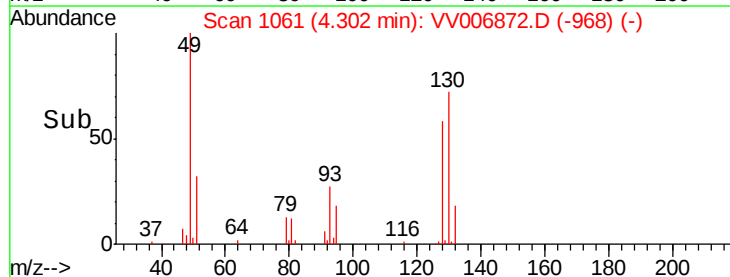
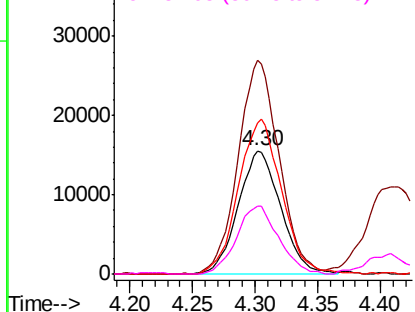


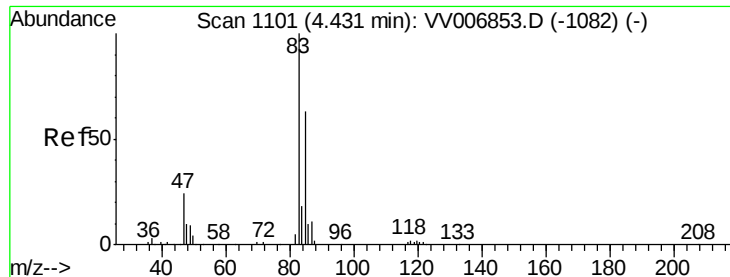
#23
 Bromochloromethane
 Concen: 5.427 ug/L
 RT: 4.30 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Tgt Ion: 128 Resp: 36712
 Ion Ratio Lower Upper
 128 100
 49 173.0 113.3 210.5
 130 122.7 87.1 161.7
 51 55.2 44.8 67.2



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

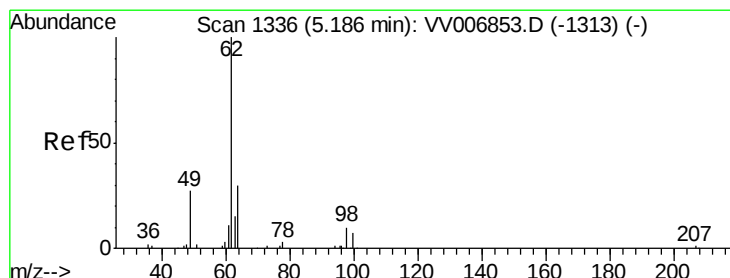
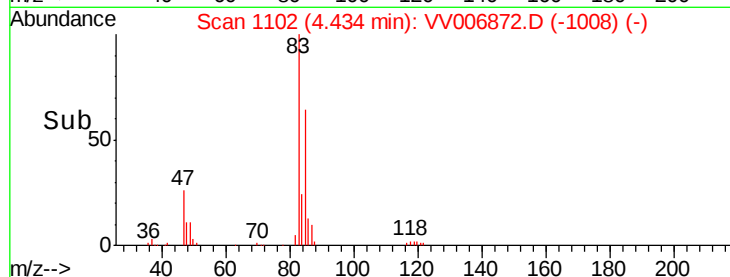
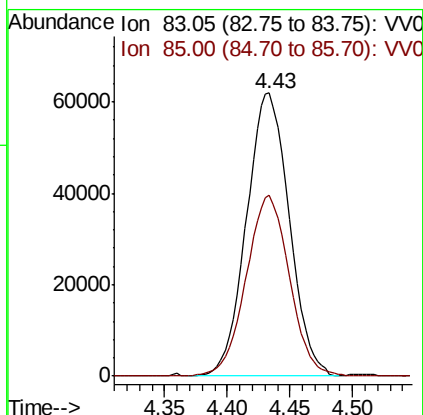
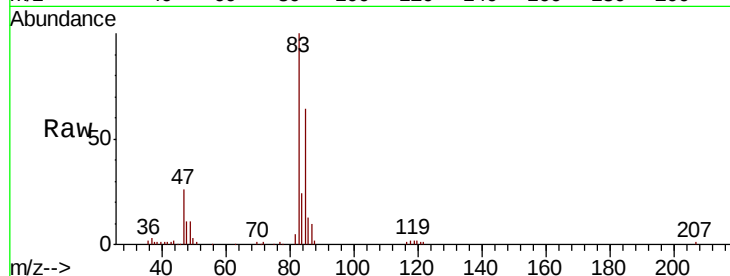




#25
Chloroform
Concen: 5.604 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006872.D
Acq: 04 Aug 2018 10:25

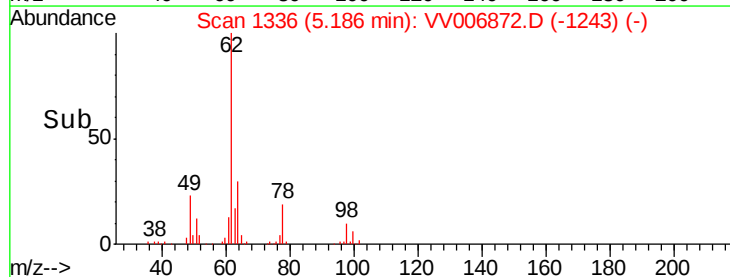
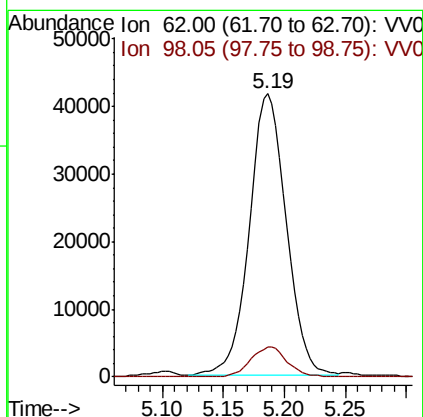
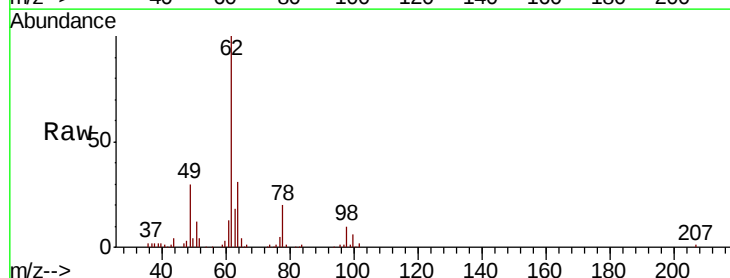
Instrument :
MSVOA_V
ClientSampleId :

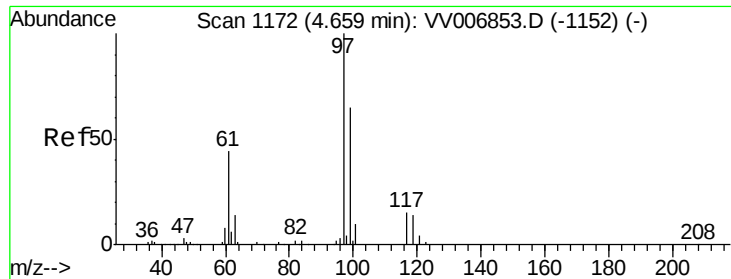
Tot Ion: 83 Resp: 147427
Ion Ratio Lower Upper
83 100
85 63.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.453 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VV006872.D
Acq: 04 Aug 2018 10:25

Tgt Ion: 62 Resp: 87278
Ion Ratio Lower Upper
62 100
98 10.5 8.8 13.2

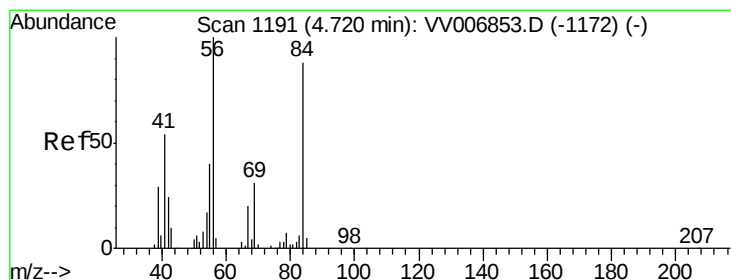
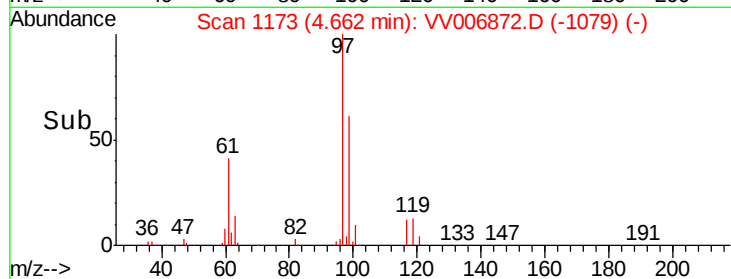
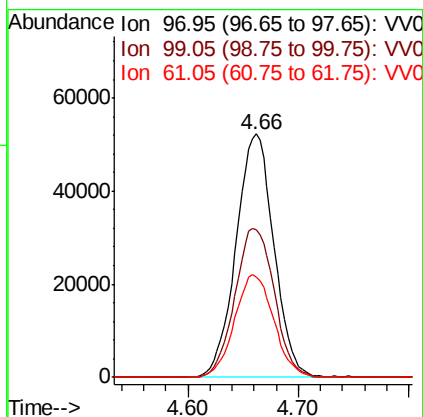
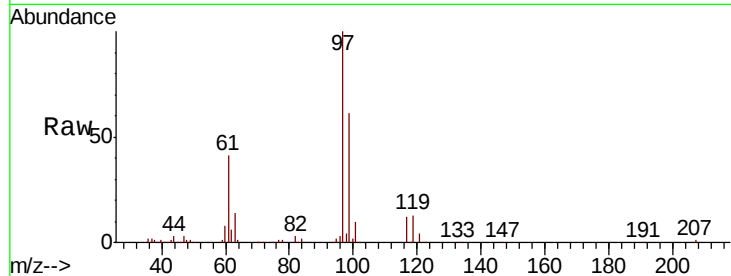




#29
 1,1,1-Trichloroethane
 Concen: 5.270 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

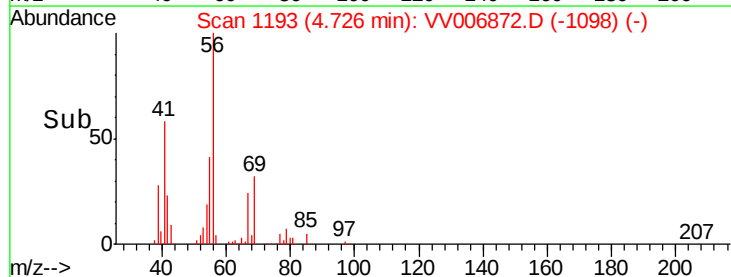
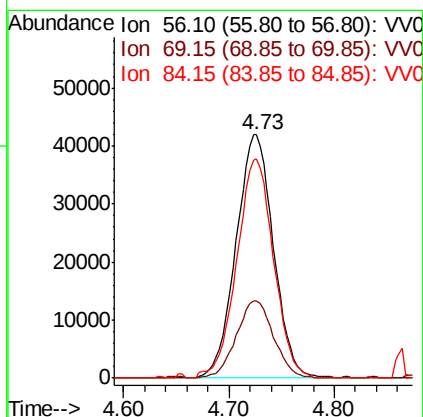
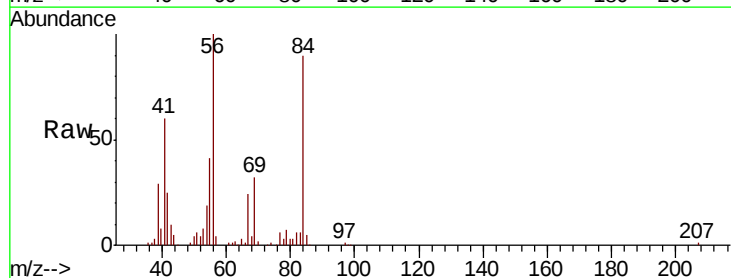
Instrument :
 MSVOA_V
 ClientSampleId :

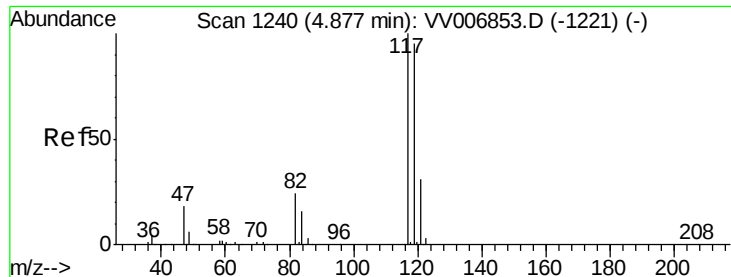
Tot Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.8
61	43.8	34.8	52.2



#30
 Cyclohexane
 Concen: 4.232 ug/L
 RT: 4.73 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.4	36.6
84	88.5	69.4	104.2





#31

Carbon tetrachloride

Concen: 5.324 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

Instrument :

MSVOA_V

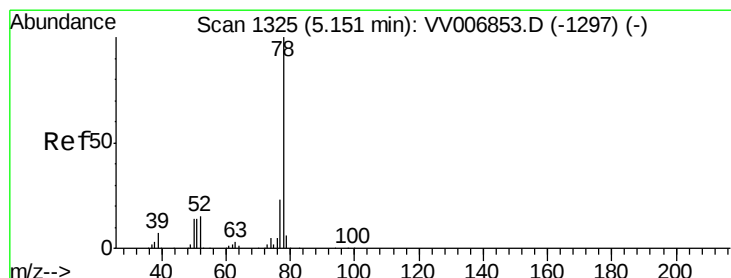
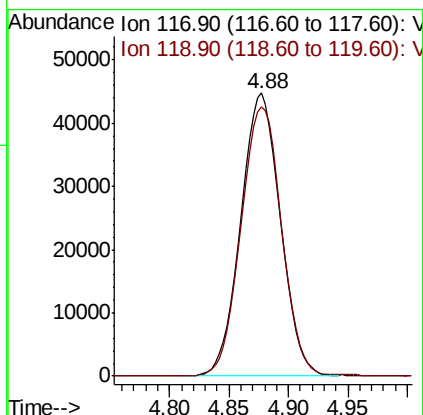
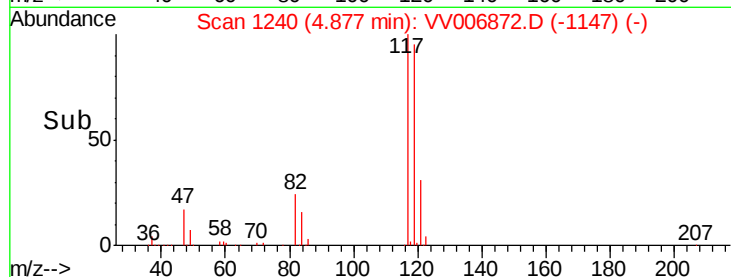
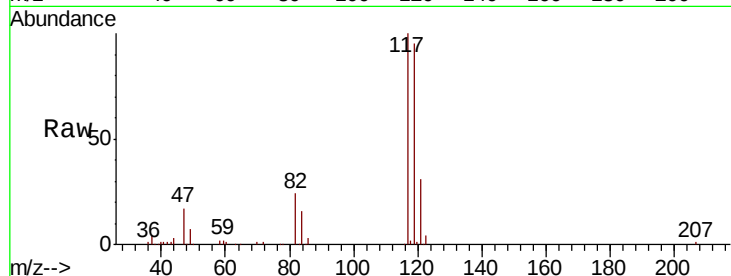
ClientSampleId :

Tot Ion:117 Resp: 103390

Ion Ratio Lower Upper

117 100

119 97.4 75.1 112.7



#33

Benzene

Concen: 4.833 ug/L

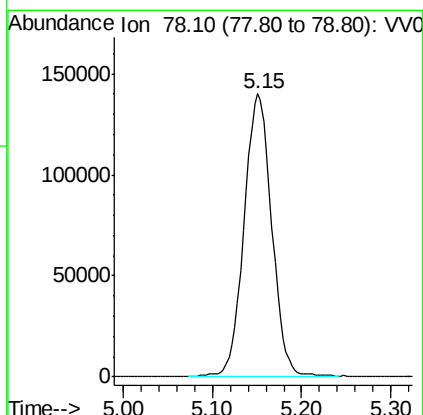
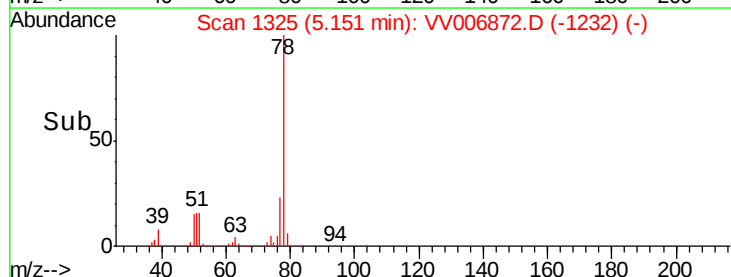
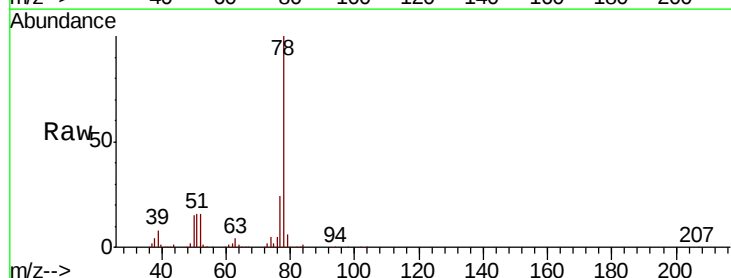
RT: 5.15 min Scan# 1325

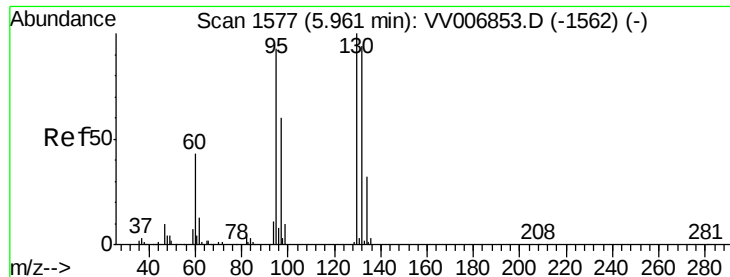
Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

Tgt Ion: 78 Resp: 302115

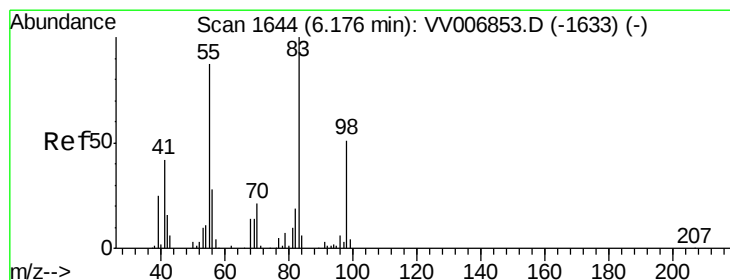
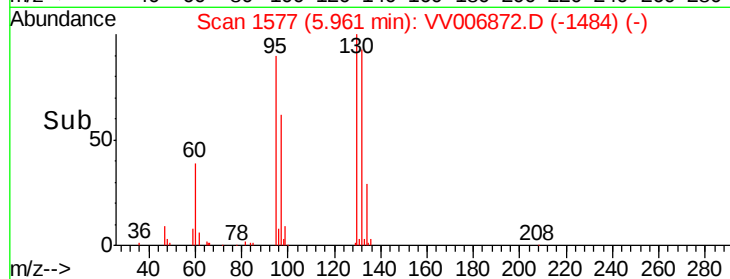
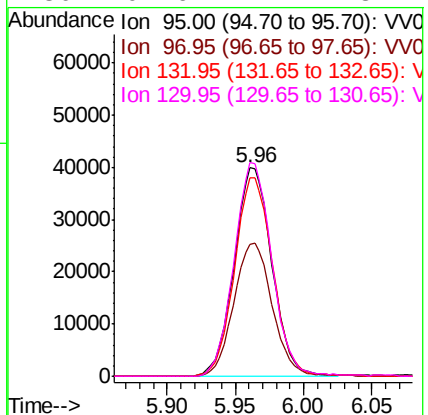
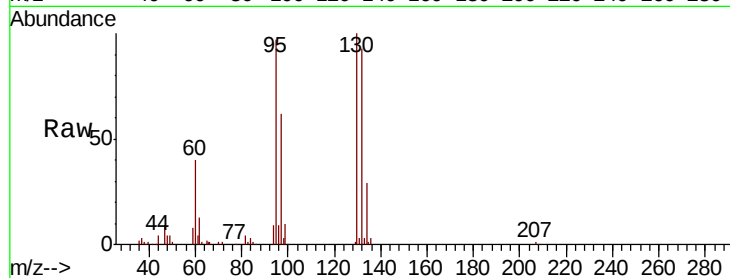




#34
 Trichloroethene
 Concen: 4.832 ug/L
 RT: 5.96 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

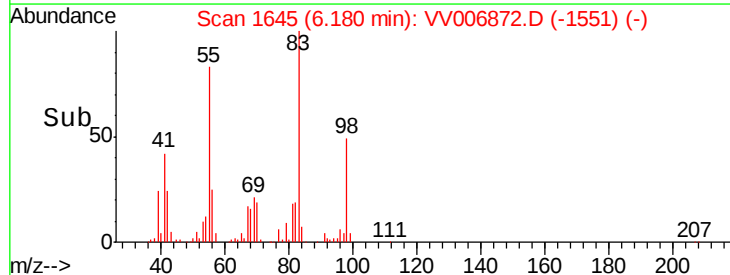
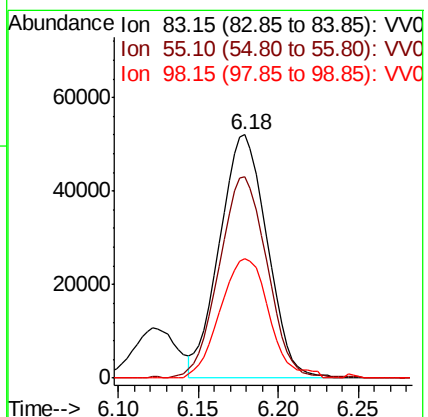
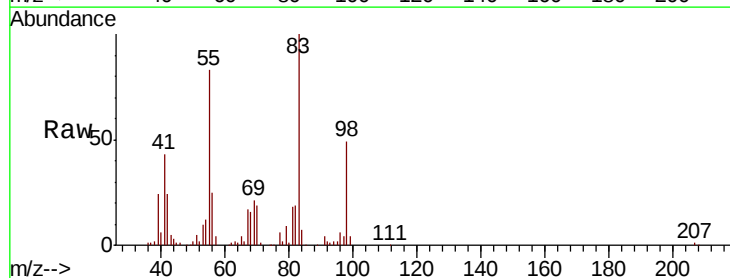
Instrument :
 MSVOA_V
 ClientSampleId :

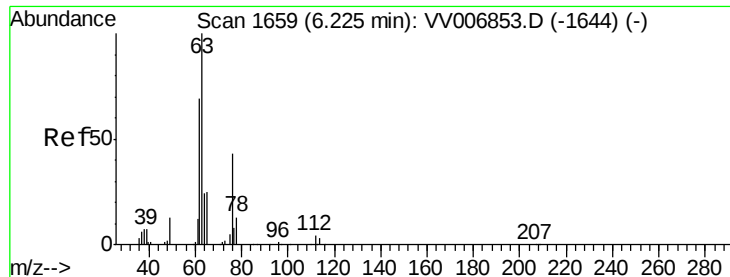
Tot Ion:	95	Resp:	76887
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.3	86.1
132	95.4	72.0	133.6
130	102.6	72.4	134.4



#35
 Methylcyclohexane
 Concen: 4.195 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Tgt Ion:	83	Resp:	105977
Ion	Ratio	Lower	Upper
83	100		
55	82.2	61.8	92.6
98	50.5	37.2	55.8





#37

1,2-Dichloropropane

Concen: 4.993 ug/L

RT: 6.23 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

Instrument :

MSVOA_V

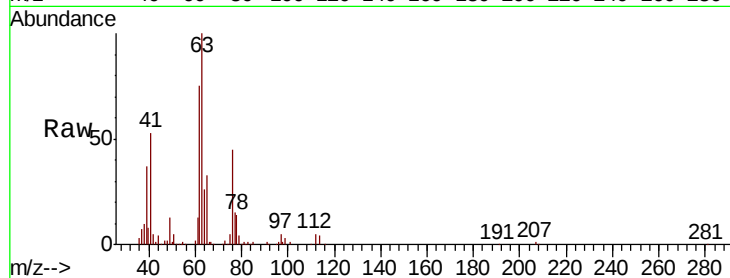
ClientSampleId :

Tot Ion: 63 Resp: 81842

Ion Ratio Lower Upper

63 100

112 3.0 3.0 4.6

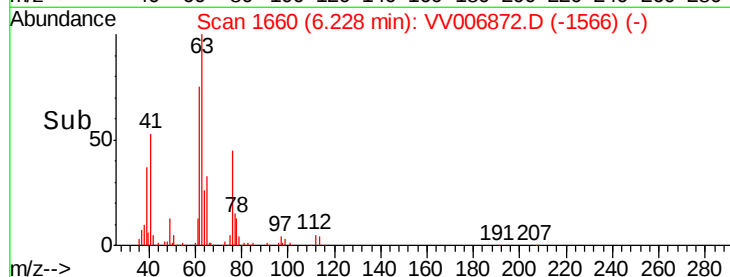


Abundance Ion 63.10 (62.80 to 63.80): VV006853.D (-1644) (-)

Ion 112.10 (111.80 to 112.80): VV006853.D (-1644) (-)

6.23

Time-->



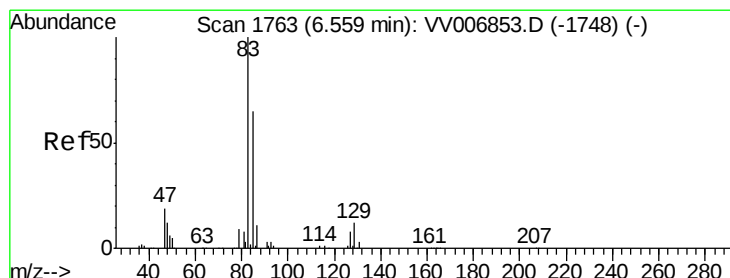
Abundance

Ion 63.10 (62.80 to 63.80): VV006853.D (-1644) (-)

Ion 112.10 (111.80 to 112.80): VV006853.D (-1644) (-)

6.23

Time-->



#38

Bromodichloromethane

Concen: 5.292 ug/L

RT: 6.56 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

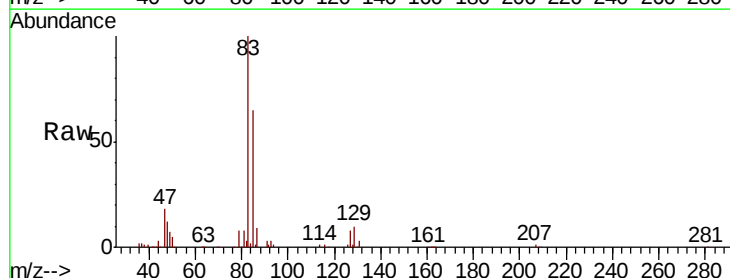
Tgt Ion: 83 Resp: 98747

Ion Ratio Lower Upper

83 100

85 64.6 46.7 86.7

127 7.8 6.4 9.6



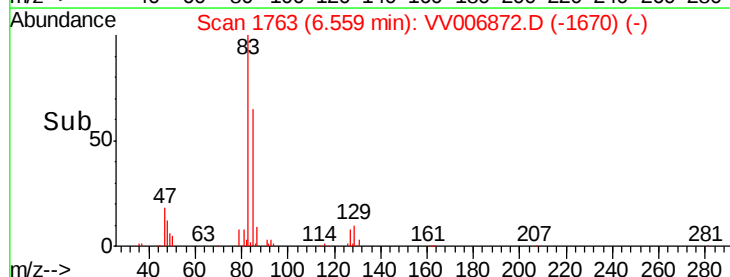
Abundance Ion 82.95 (82.65 to 83.65): VV006853.D (-1748) (-)

Ion 85.00 (84.70 to 85.70): VV006853.D (-1748) (-)

Ion 126.90 (126.60 to 127.60): VV006853.D (-1748) (-)

6.56

Time-->



Abundance

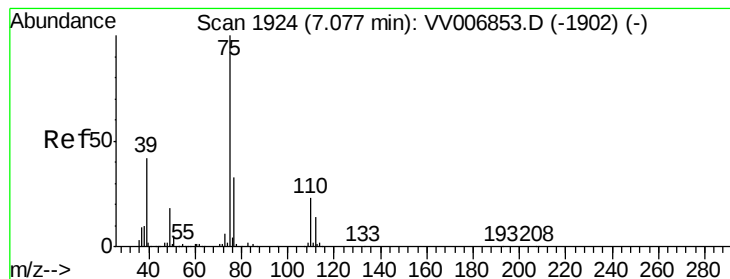
Ion 82.95 (82.65 to 83.65): VV006853.D (-1748) (-)

Ion 85.00 (84.70 to 85.70): VV006853.D (-1748) (-)

Ion 126.90 (126.60 to 127.60): VV006853.D (-1748) (-)

6.56

Time-->

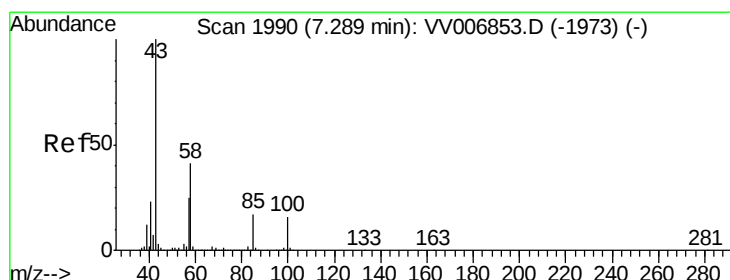
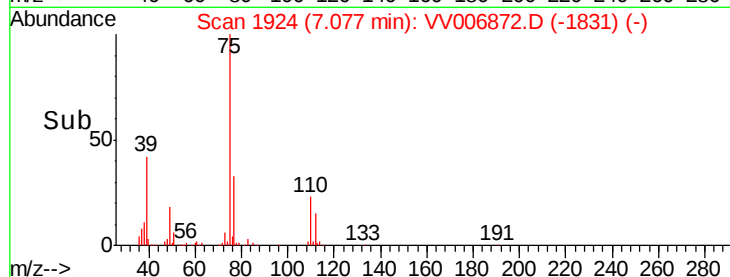
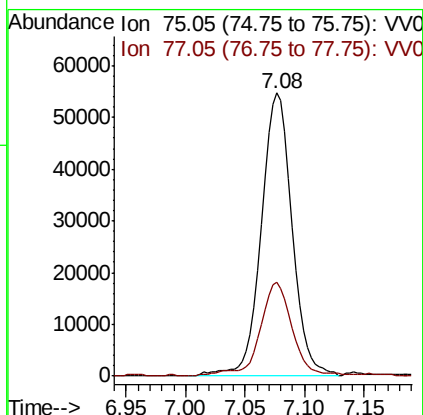
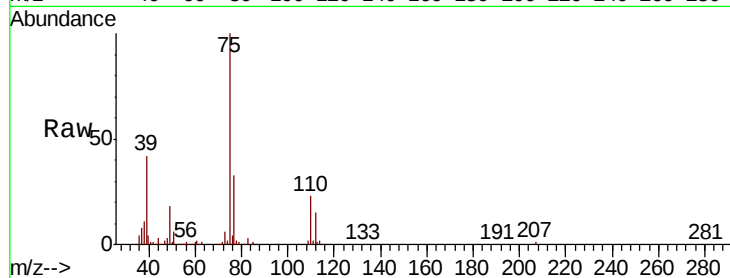


#39

cis-1,3-Dichloropropene
 Concen: 4.656 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Instrument :
 MSVOA_V
 ClientSampleId :

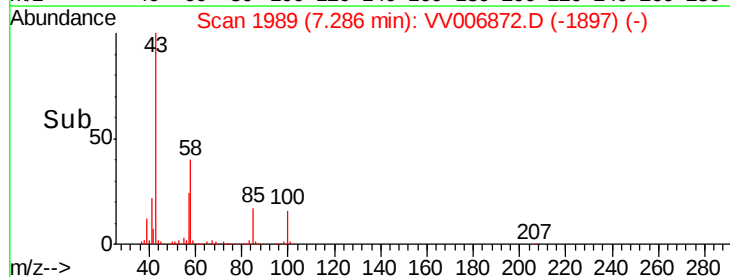
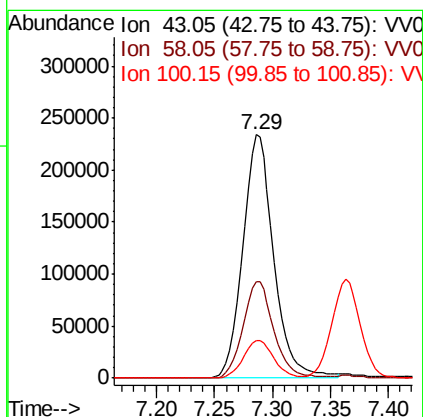
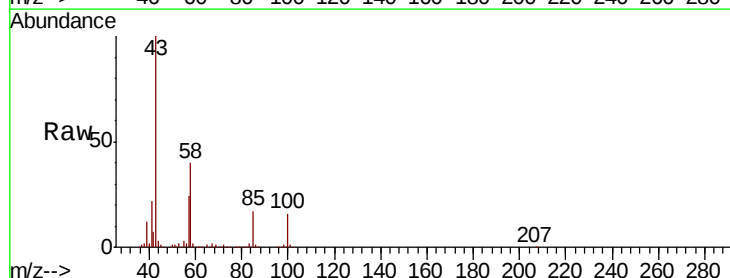
Tot Ion: 75 Resp: 98550
 Ion Ratio Lower Upper
 75 100
 77 33.2 22.5 41.9

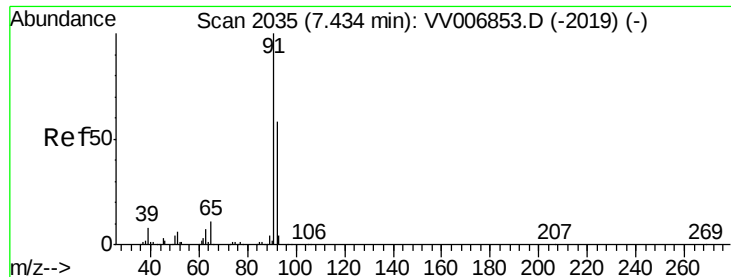


#40

4-Methyl-2-pentanone
 Concen: 47.655 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Tgt Ion: 43 Resp: 432308
 Ion Ratio Lower Upper
 43 100
 58 39.5 32.6 48.8
 100 15.4 13.1 19.7





#42

Toluene

Concen: 4.889 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

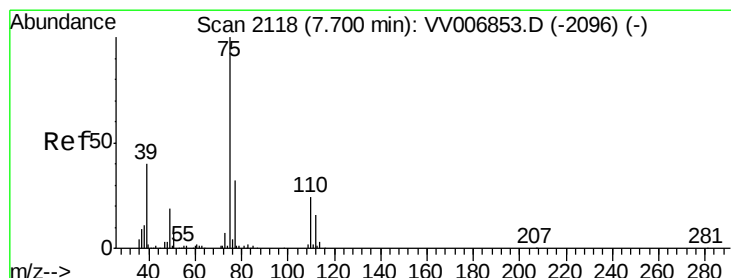
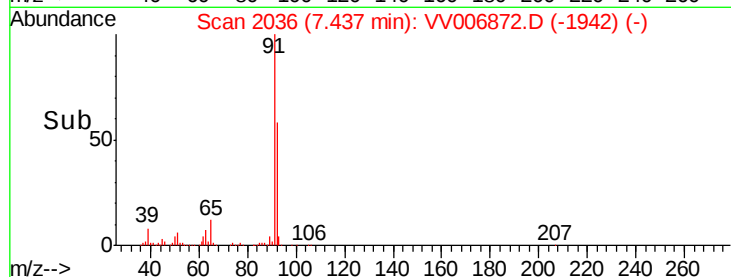
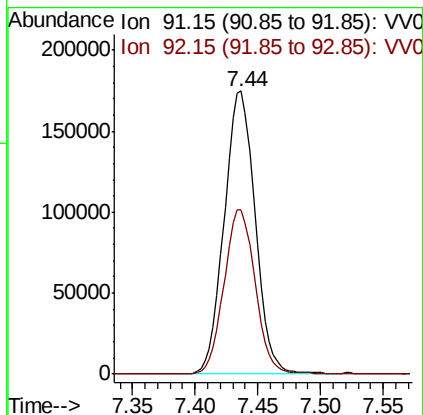
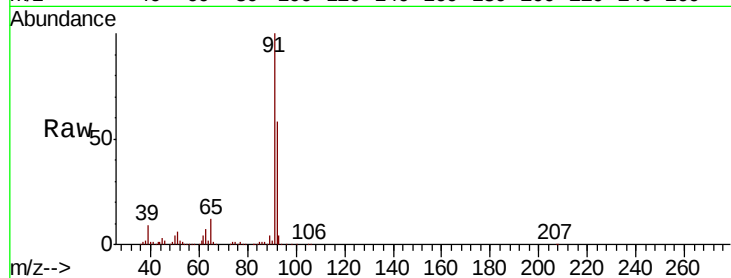
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 300659

Ion Ratio Lower Upper

91 100

92 58.0 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.846 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VV006872.D

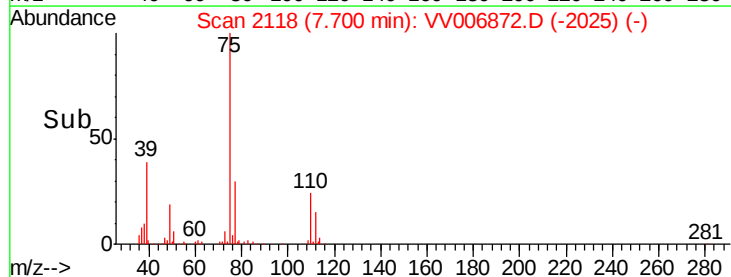
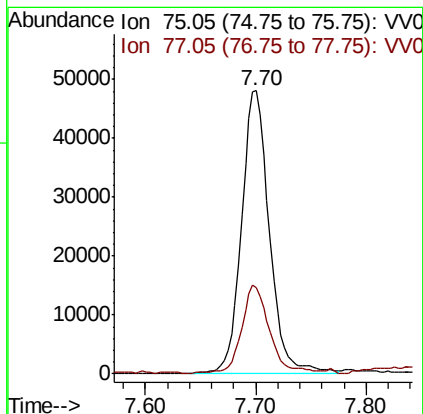
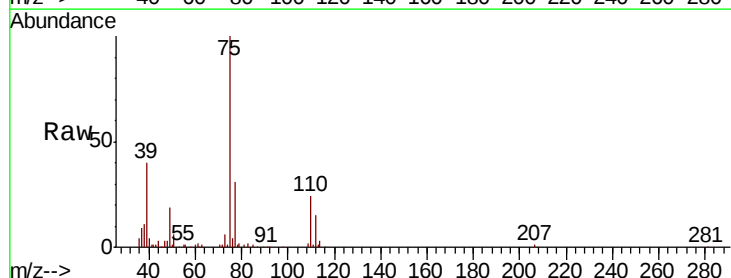
Acq: 04 Aug 2018 10:25

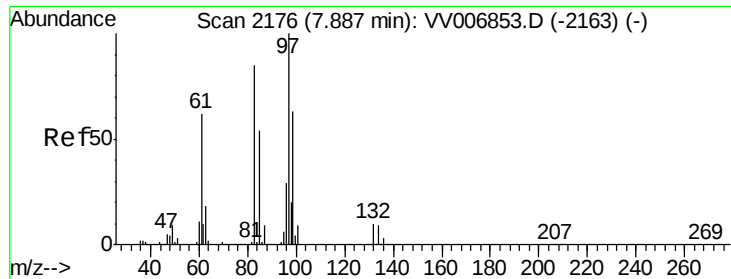
Tgt Ion: 75 Resp: 84458

Ion Ratio Lower Upper

75 100

77 30.6 20.5 38.1

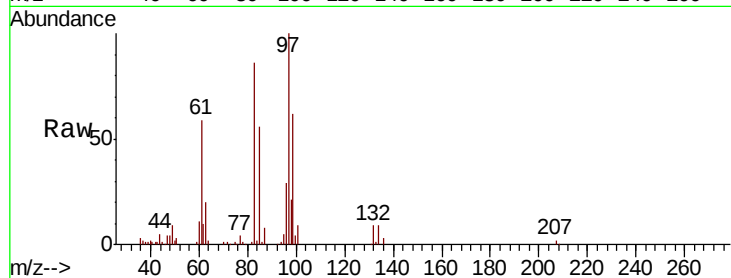




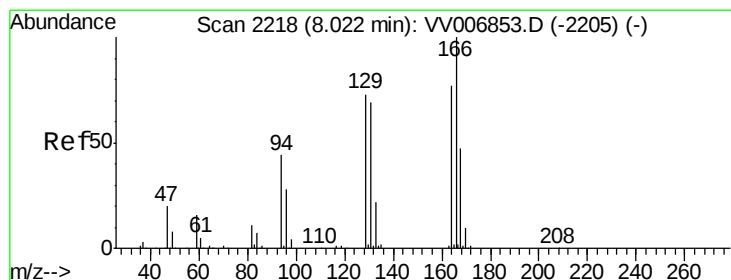
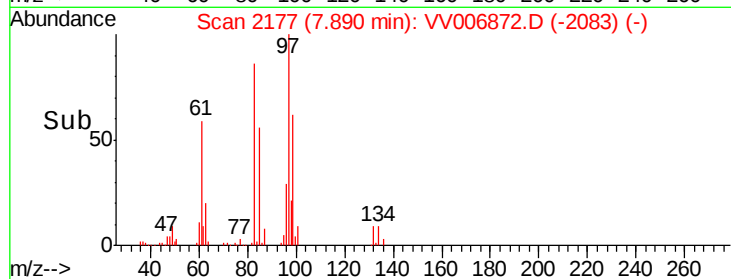
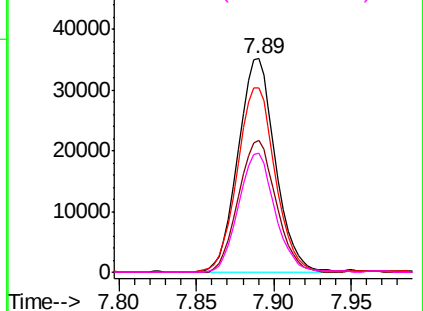
#45
 1,1,2-Trichloroethane
 Concen: 4.990 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	97	Resp:	59132
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.2	78.4
83	86.2	58.0	107.8
85	55.7	38.2	71.0

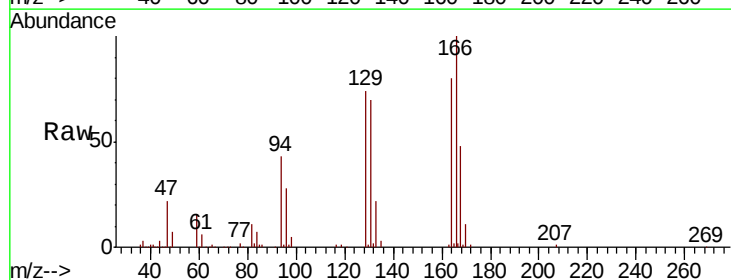


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

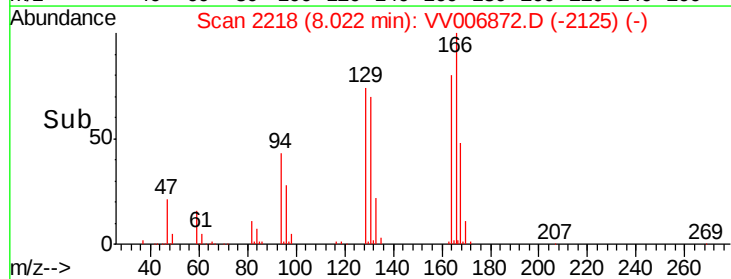
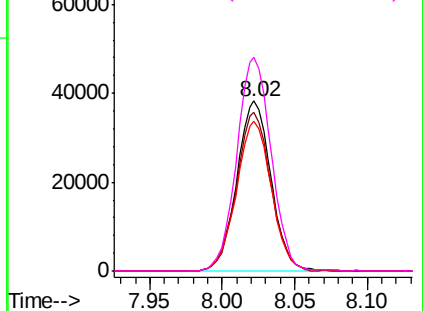


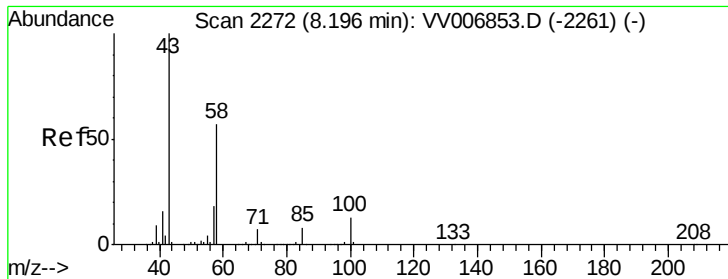
#47
 Tetrachloroethene
 Concen: 4.926 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Tgt Ion:	164	Resp:	62439
Ion	Ratio	Lower	Upper
164	100		
129	93.3	61.1	113.5
131	88.2	59.1	109.7
166	125.6	88.3	163.9



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

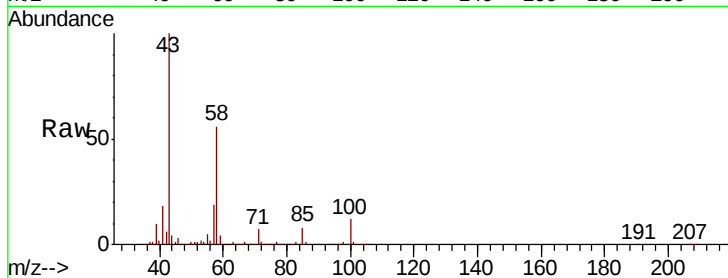




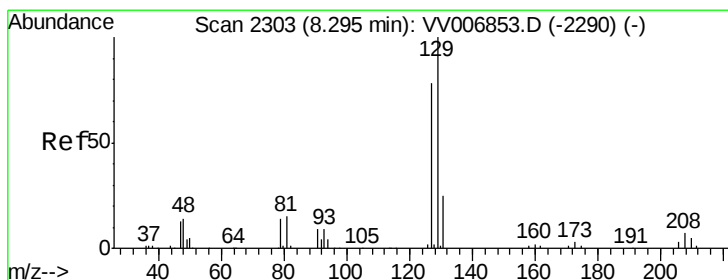
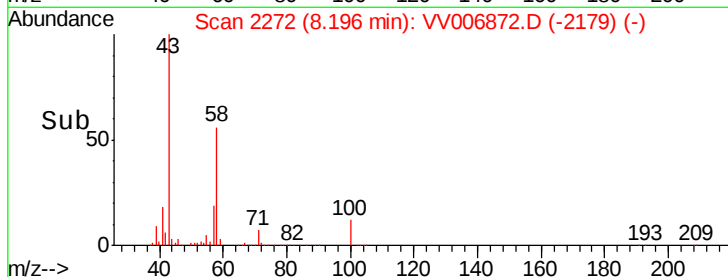
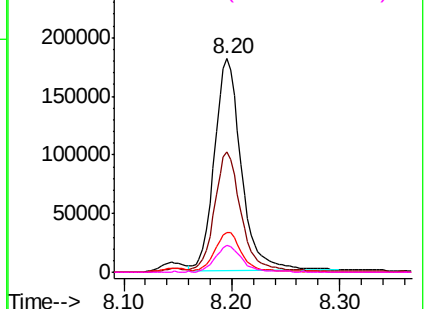
#48
2-Hexanone
Concen: 51.124 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV006872.D
Acq: 04 Aug 2018 10:25

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 314687
Ion Ratio Lower Upper
43 100
58 55.1 45.4 68.0
57 18.5 15.4 23.2
100 12.4 10.6 16.0

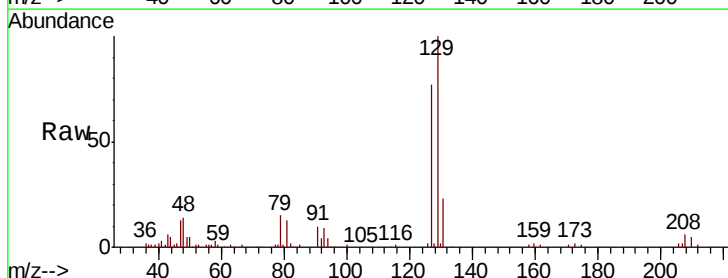


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

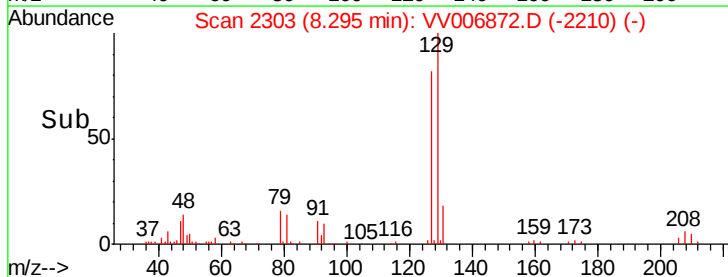
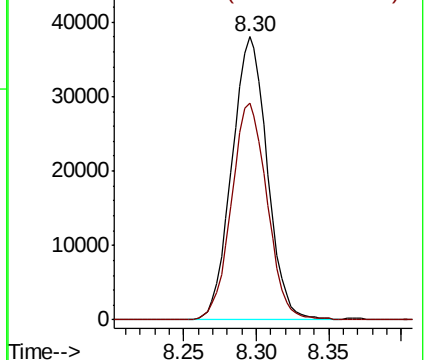


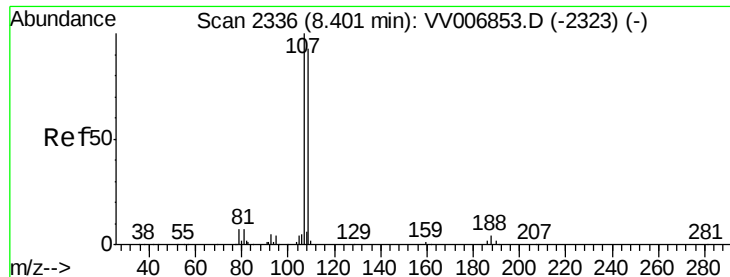
#49
Dibromochloromethane
Concen: 5.364 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV006872.D
Acq: 04 Aug 2018 10:25

Tgt Ion: 129 Resp: 64258
Ion Ratio Lower Upper
129 100
127 76.5 55.2 102.4



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

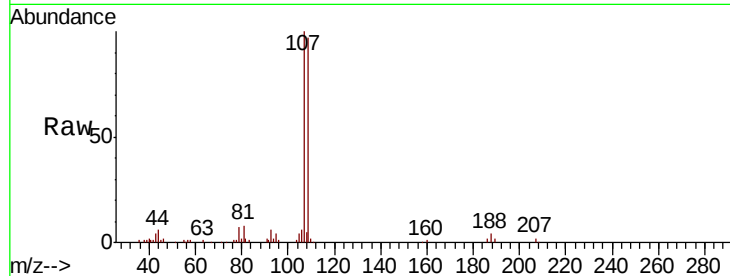




#50
 1,2-Dibromoethane
 Concen: 5.072 ug/L
 RT: 8.40 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.9	64.0	119.0
188	3.8	2.8	4.2

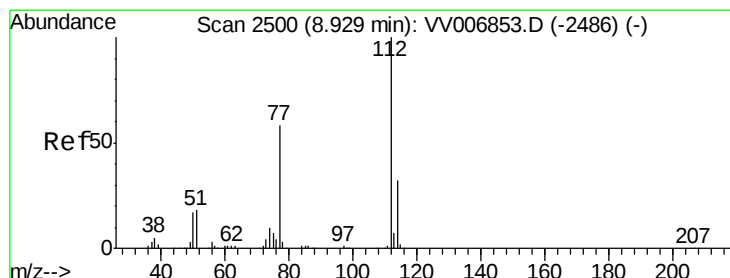
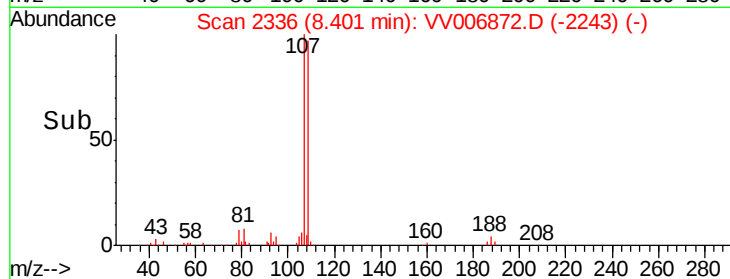
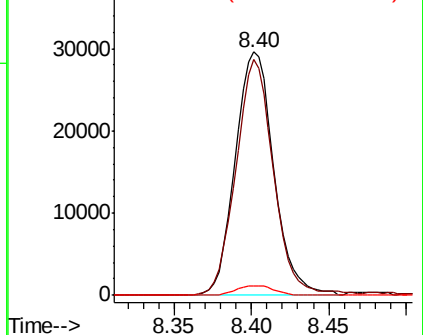


Abundance

Ion 106.95 (106.65 to 107.65): V

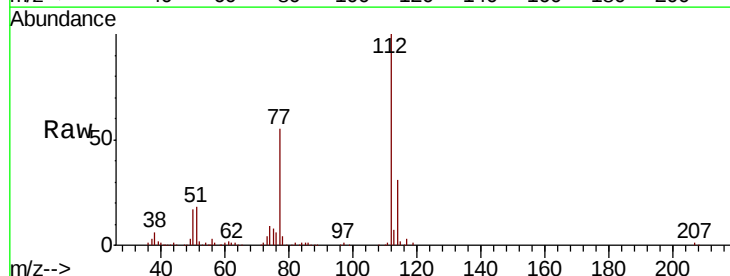
Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#51
 Chlorobenzene
 Concen: 4.847 ug/L
 RT: 8.93 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.3	41.5
77	55.1	46.3	69.5

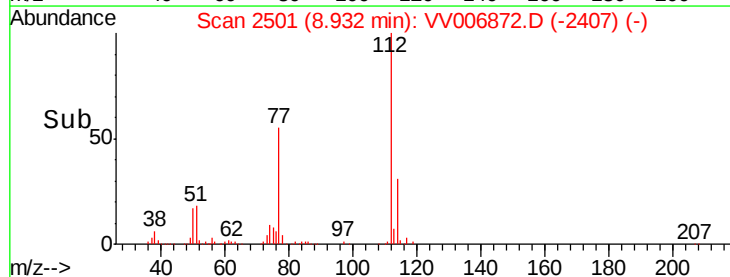
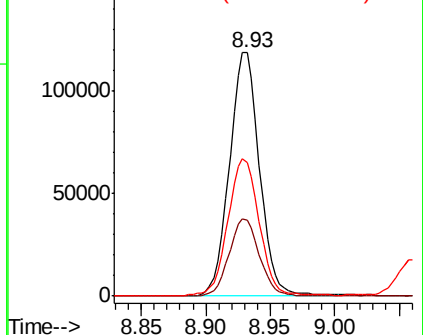


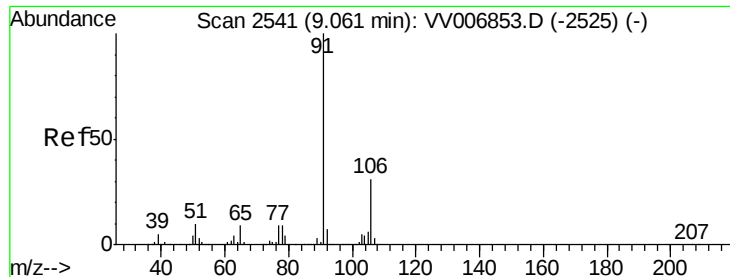
Abundance

Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0





#52

Ethylbenzene

Concen: 4.429 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

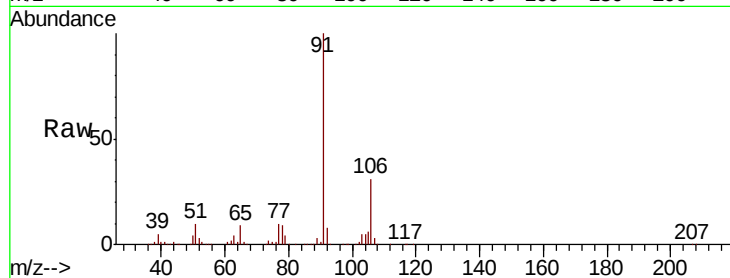
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 284553

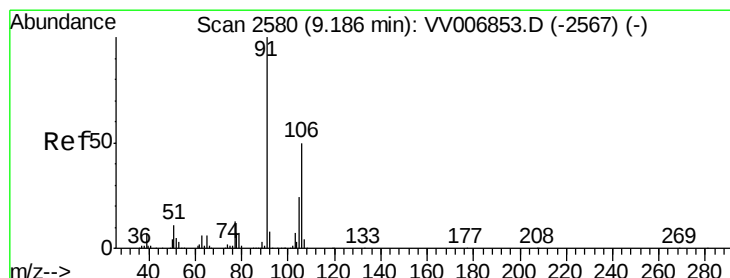
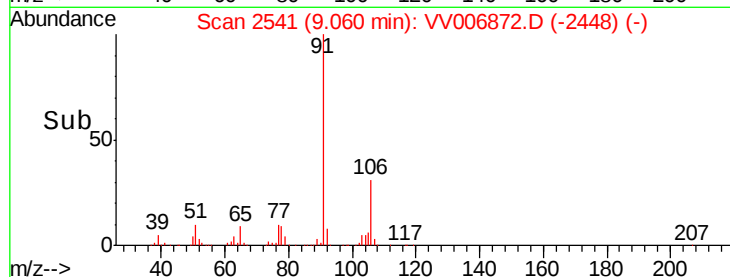
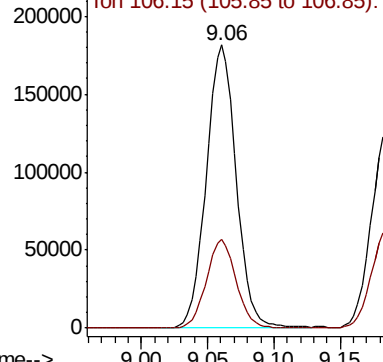
Ion Ratio Lower Upper

91 100

106 31.3 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VV006853.D (-2525) (-)



#53

m,p-xylene

Concen: 4.452 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006872.D

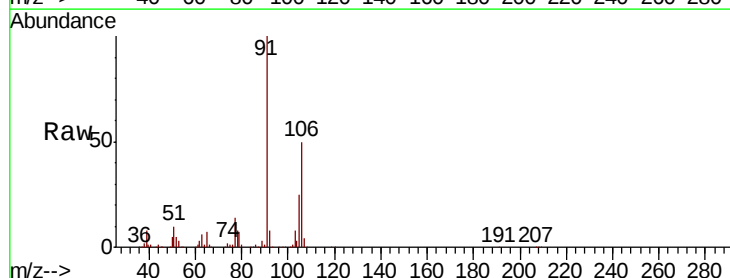
Acq: 04 Aug 2018 10:25

Tgt Ion: 106 Resp: 106169

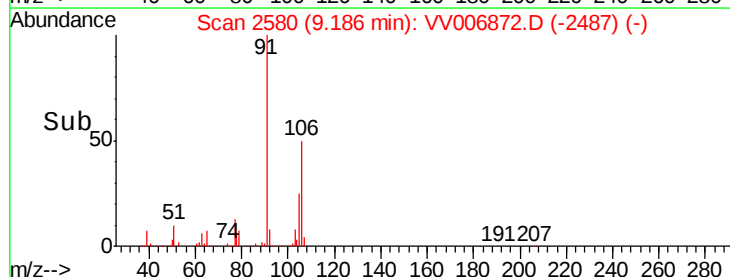
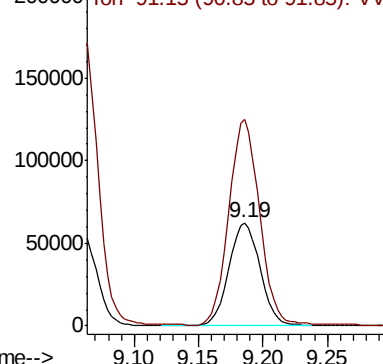
Ion Ratio Lower Upper

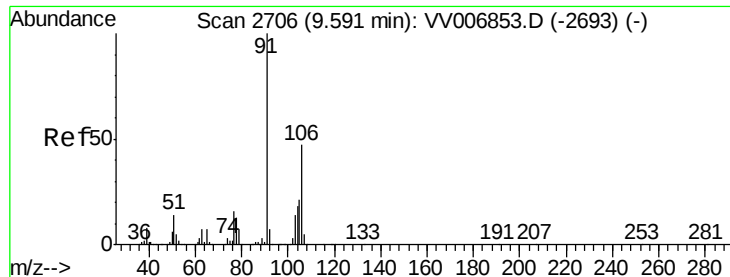
106 100

91 200.7 137.4 255.2



Abundance Ion 106.15 (105.85 to 106.85): VV006853.D (-2567) (-)





#54

o-xylene

Concen: 4.134 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

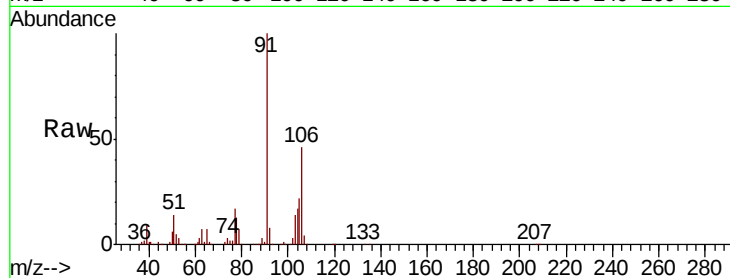
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 99480

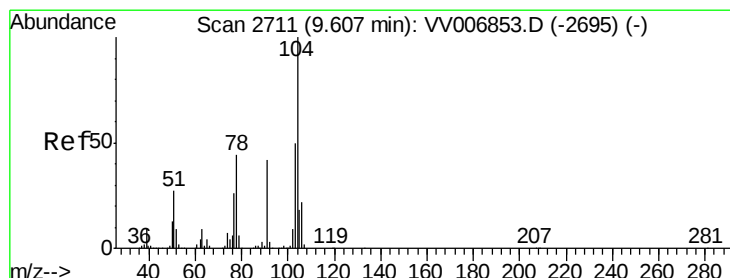
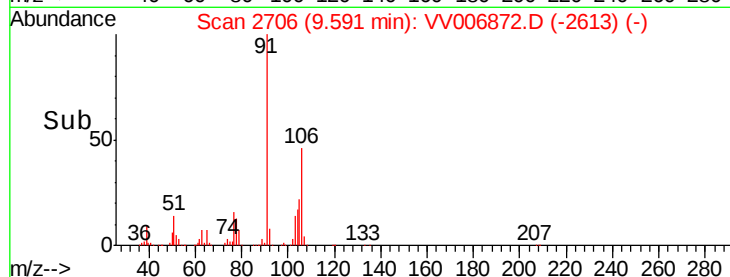
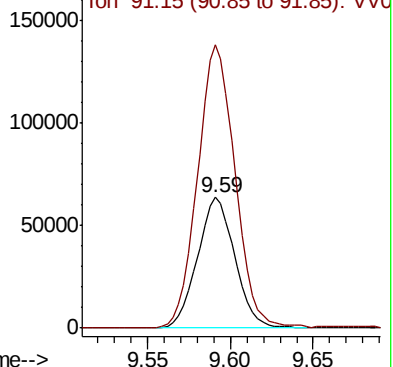
Ion Ratio Lower Upper

106 100

91 216.8 150.1 278.9



Abundance Ion 106.15 (105.85 to 106.85): VV006872.D (-2613) (-)



#55

Styrene

Concen: 4.267 ug/L

RT: 9.61 min Scan# 2711

Delta R.T. -0.00 min

Lab File: VV006872.D

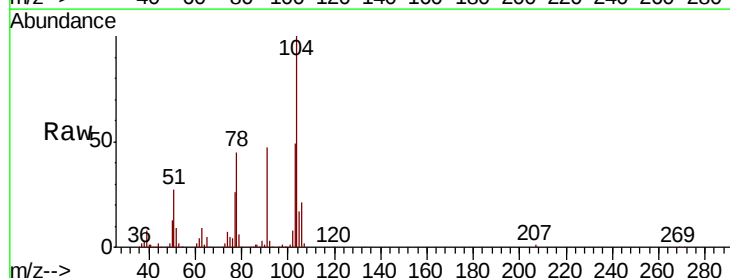
Acq: 04 Aug 2018 10:25

Tgt Ion:104 Resp: 161337

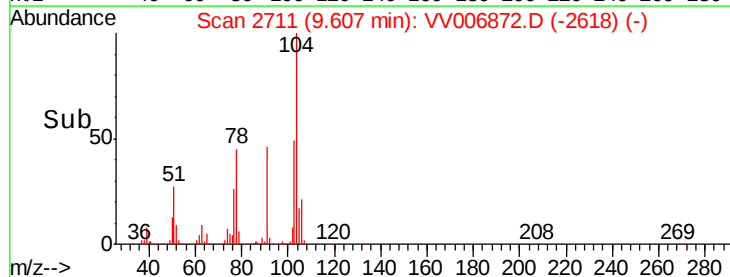
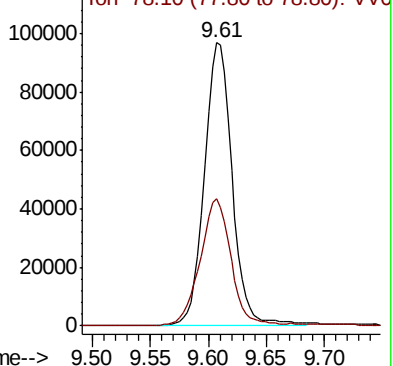
Ion Ratio Lower Upper

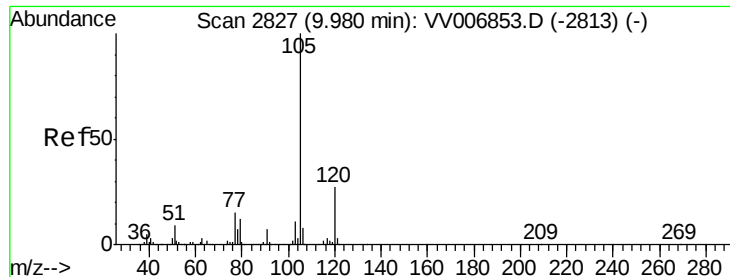
104 100

78 44.7 29.6 55.0



Abundance Ion 104.10 (103.80 to 104.80): VV006872.D (-2618) (-)





#56

Isopropylbenzene

Concen: 4.359 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV006872.D

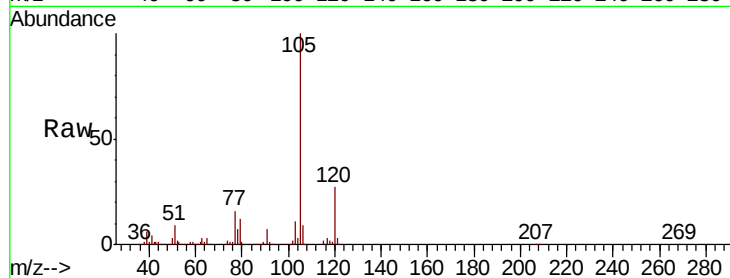
Acq: 04 Aug 2018 10:25

Instrument :

MSVOA_V

ClientSampled :

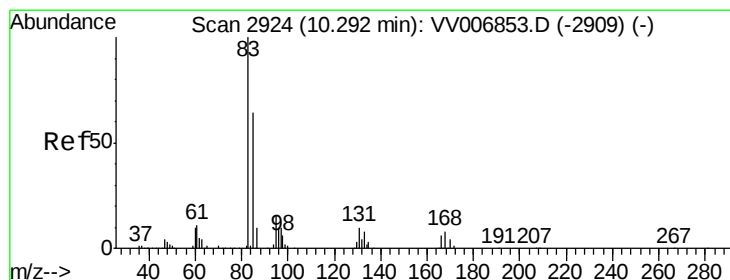
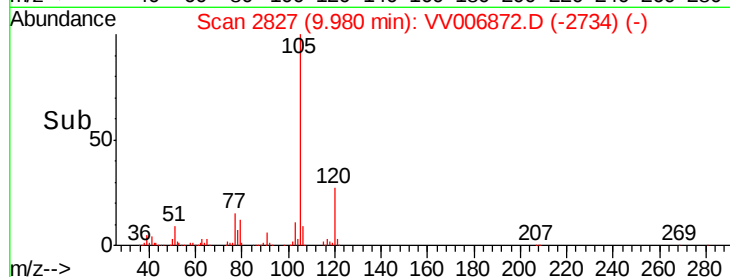
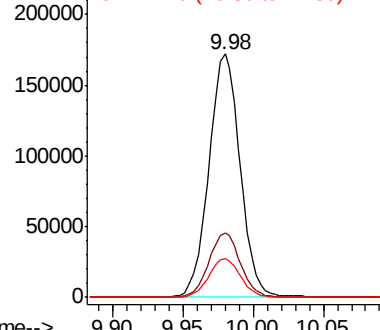
Tot Ion:	105	Resp:	266827
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.1	31.7
77	16.2	12.0	18.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.046 ug/L

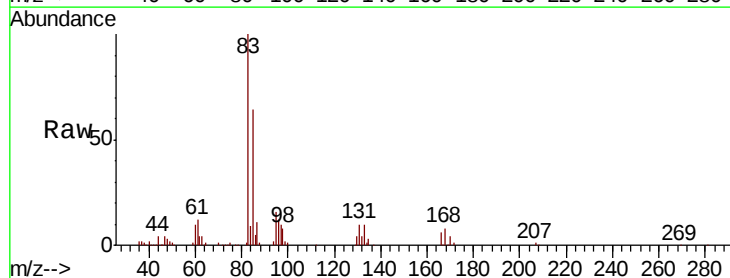
RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

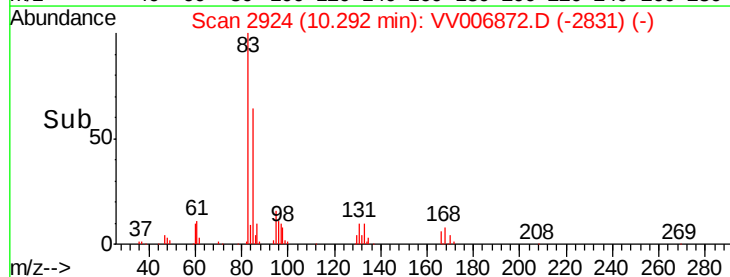
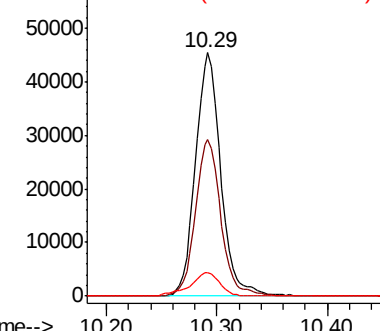
Tgt Ion:	83	Resp:	72369
Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.1	81.9
131	9.6	6.6	9.8

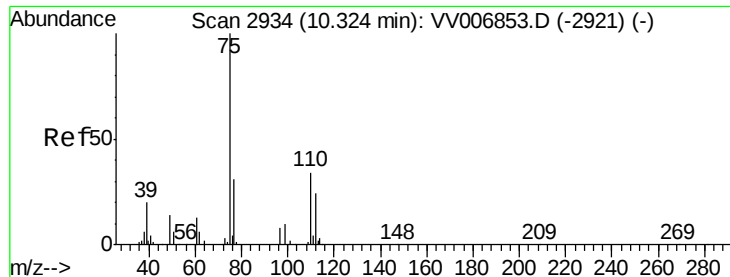


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 5.146 ug/L

RT: 10.32 min Scan# 2934

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

Instrument :

MSVOA_V

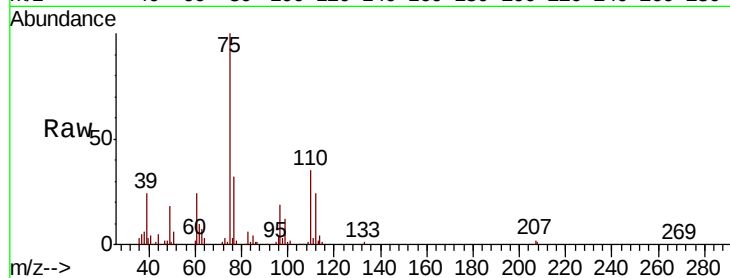
ClientSampleId :

Tot Ion: 75 Resp: 51871

Ion Ratio Lower Upper

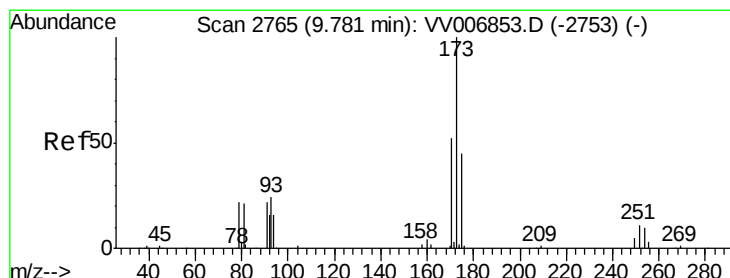
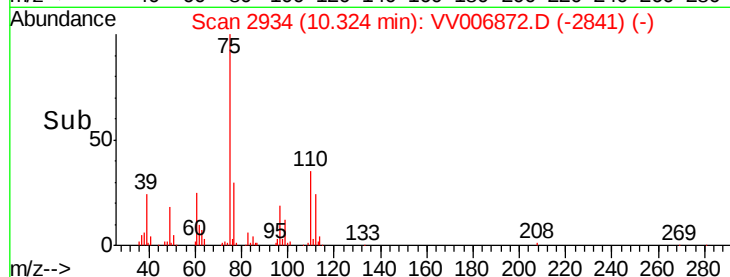
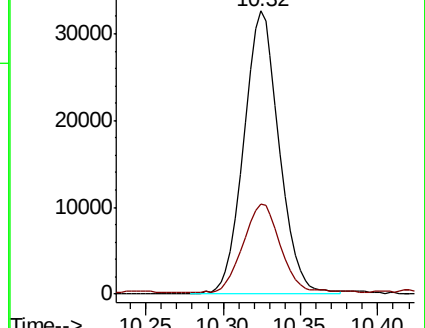
75 100

77 32.8 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV006853.D (-2921) (-)

Ion 77.00 (76.70 to 77.70): VV006853.D (-2921) (-)



#61

Bromoform

Concen: 5.492 ug/L

RT: 9.78 min Scan# 2765

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

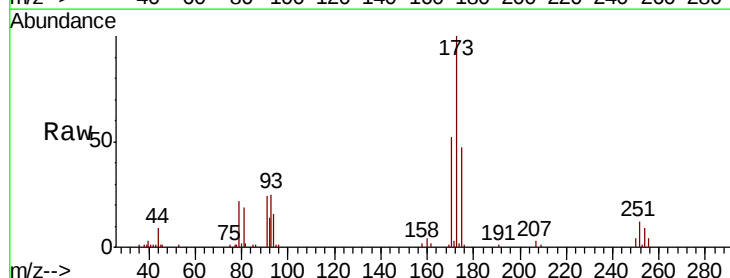
Tgt Ion: 173 Resp: 33675

Ion Ratio Lower Upper

173 100

175 48.3 39.3 58.9

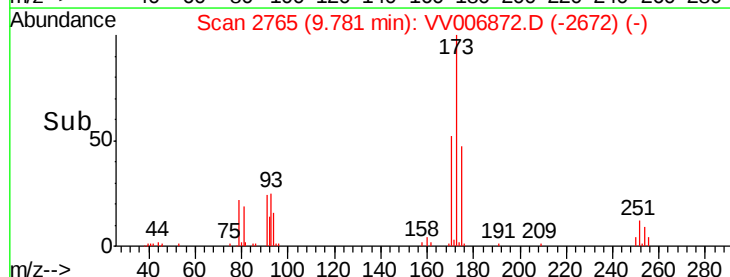
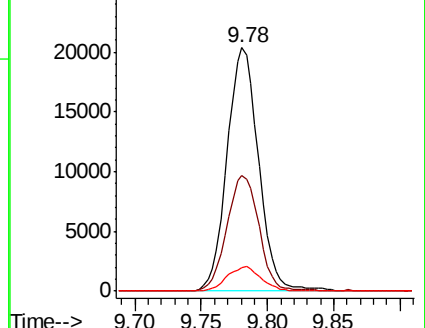
254 10.6 9.7 14.5

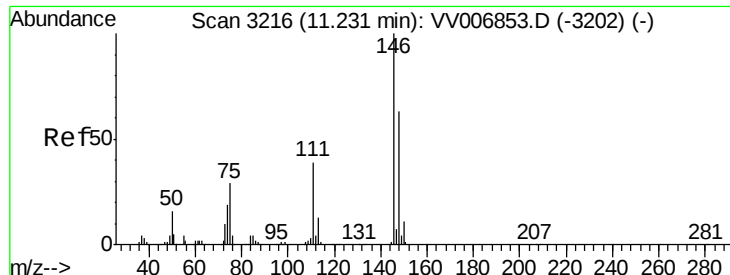


Abundance Ion 172.90 (172.60 to 173.60): VV006853.D (-2753) (-)

Ion 174.90 (174.60 to 175.60): VV006853.D (-2753) (-)

Ion 253.75 (253.45 to 254.45): VV006853.D (-2753) (-)





#62

1,3-Dichlorobenzene

Concen: 4.660 ug/L

RT: 11.23 min Scan# 3216

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

Instrument :

MSVOA_V

ClientSampleId :

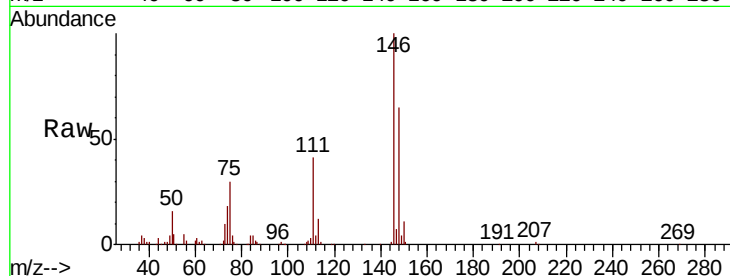
Tot Ion:146 Resp: 132624

Ion Ratio Lower Upper

146 100

111 40.5 27.3 50.7

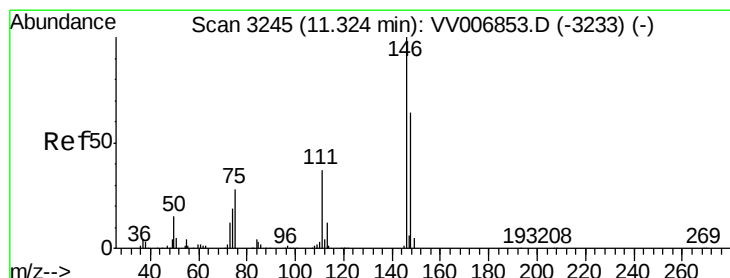
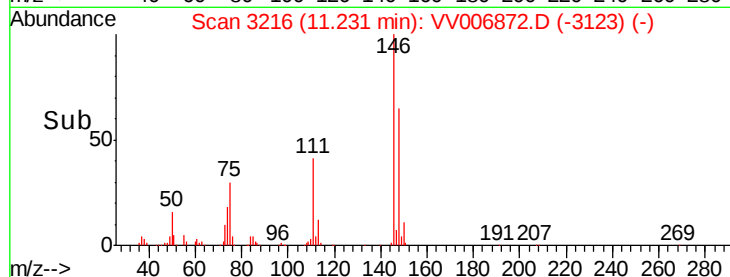
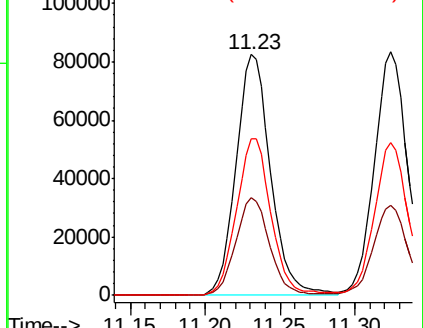
148 64.9 45.1 83.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 4.724 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

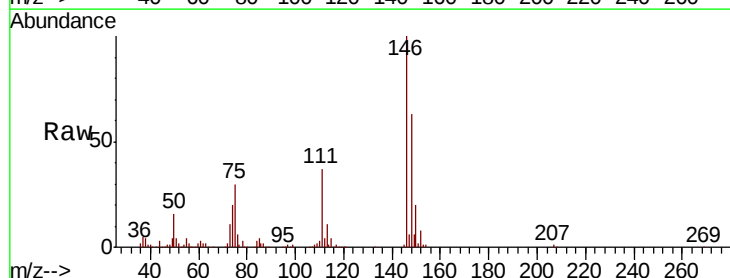
Tgt Ion:146 Resp: 132995

Ion Ratio Lower Upper

146 100

111 36.9 26.2 48.8

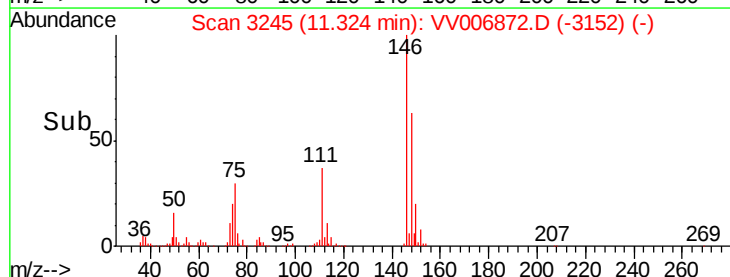
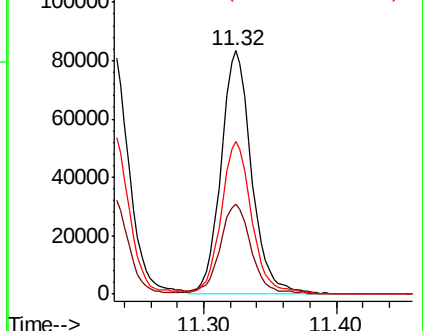
148 62.8 44.9 83.3

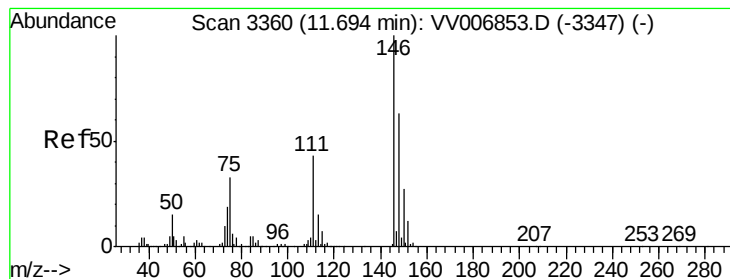


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 4.715 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. 0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

Instrument :

MSVOA_V

ClientSampled :

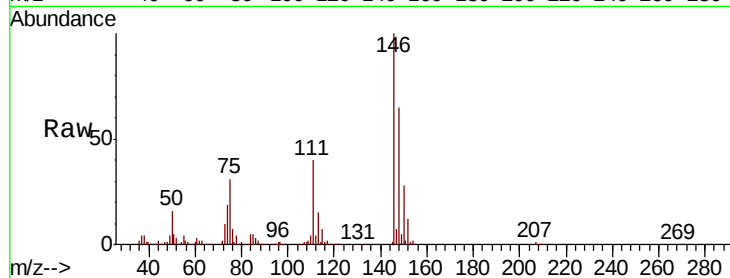
Tot Ion:146 Resp: 131665

Ion Ratio Lower Upper

146 100

111 39.5 31.8 47.6

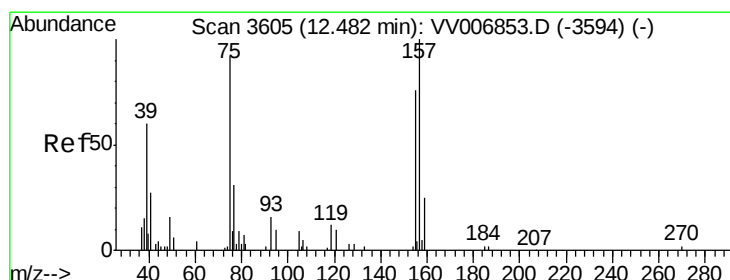
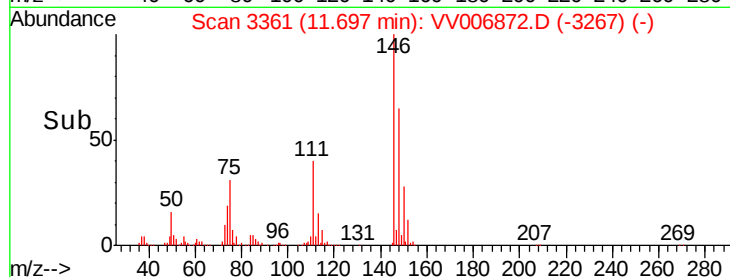
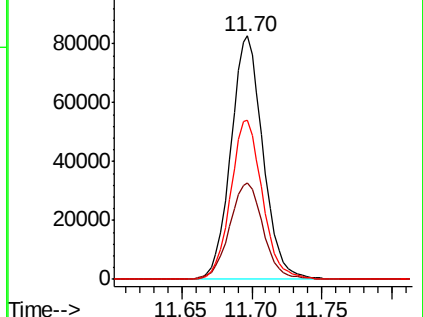
148 65.4 52.3 78.5



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: 5.035 ug/L

RT: 12.48 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

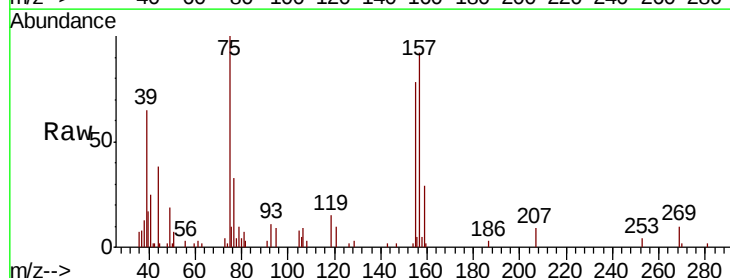
Tgt Ion: 75 Resp: 9778

Ion Ratio Lower Upper

75 100

155 77.9 61.8 92.8

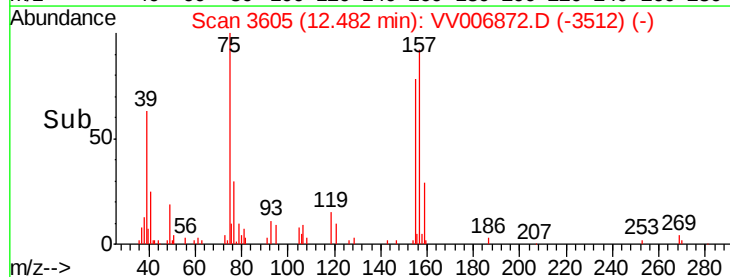
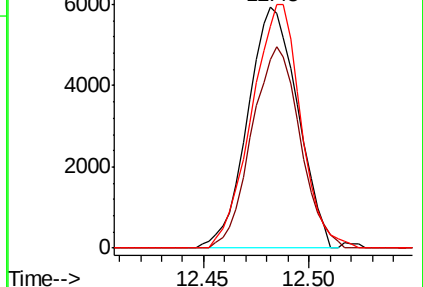
157 97.4 86.6 129.8

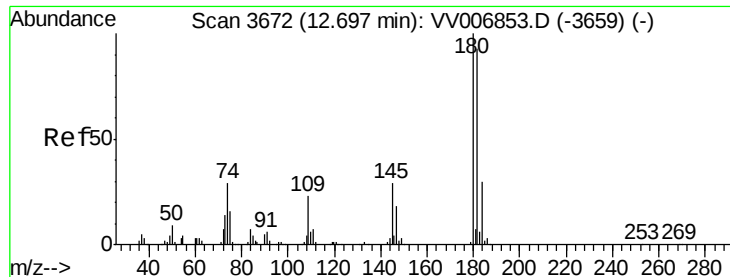


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

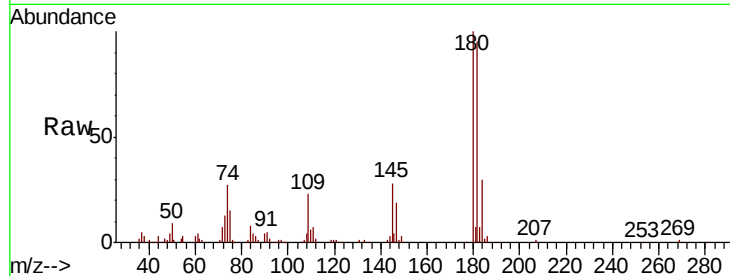




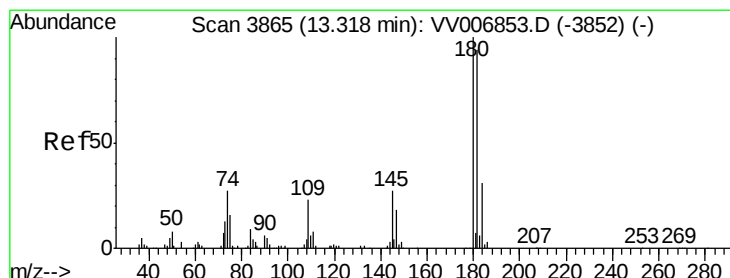
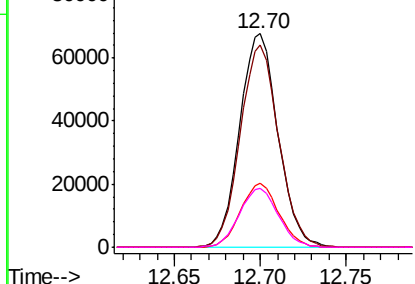
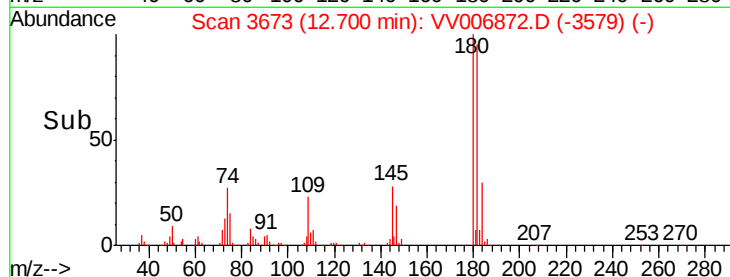
#67
 1,3,5-Trichlorobenzene
 Concen: 4.806 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	105229
Ion Ratio	Lower	Upper
180	100	
182	94.8	74.6 112.0
184	29.9	22.7 34.1
145	28.0	22.9 34.3

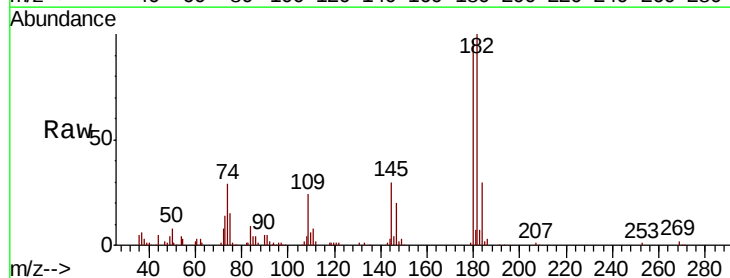


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

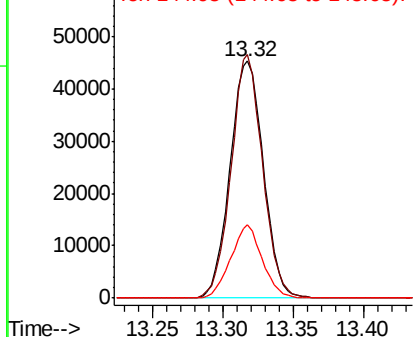
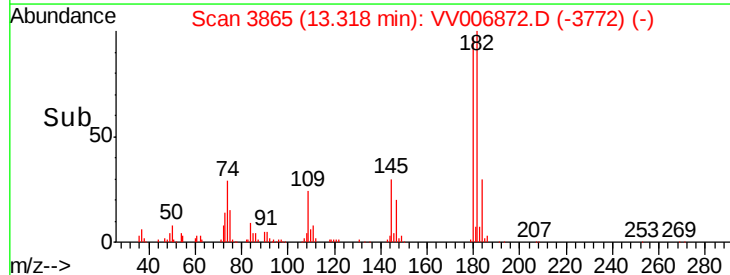


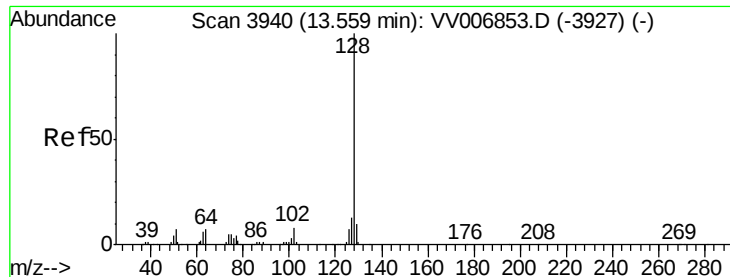
#68
 1,2,4-trichlorobenzene
 Concen: 4.409 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: VV006872.D
 Acq: 04 Aug 2018 10:25

Tgt Ion:180	Resp:	74971
Ion Ratio	Lower	Upper
180	100	
182	96.8	77.0 115.6
145	29.1	23.4 35.2



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 3.494 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

Instrument :

MSVOA_V

ClientSampleId :

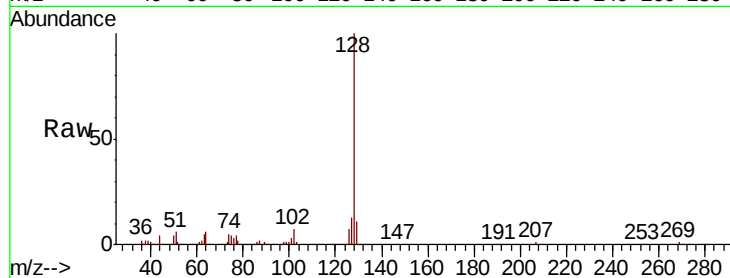
Tot Ion:128 Resp: 103574

Ion Ratio Lower Upper

128 100

129 10.8 8.2 12.4

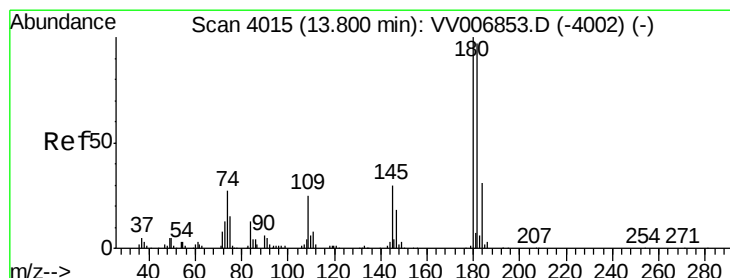
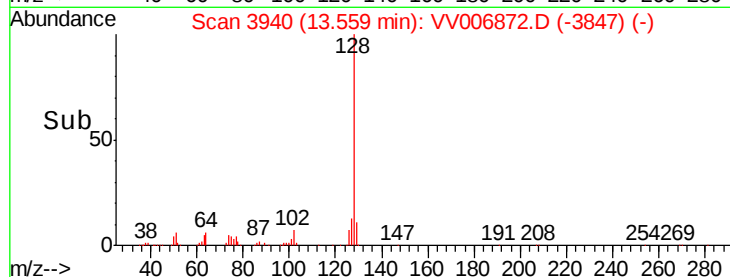
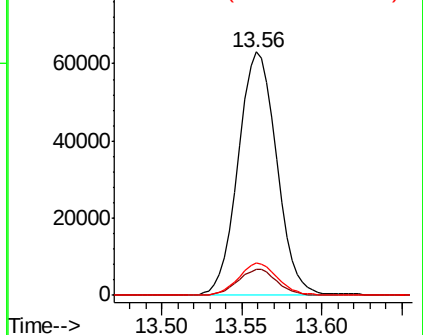
127 13.4 10.7 16.1



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: 4.357 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. -0.00 min

Lab File: VV006872.D

Acq: 04 Aug 2018 10:25

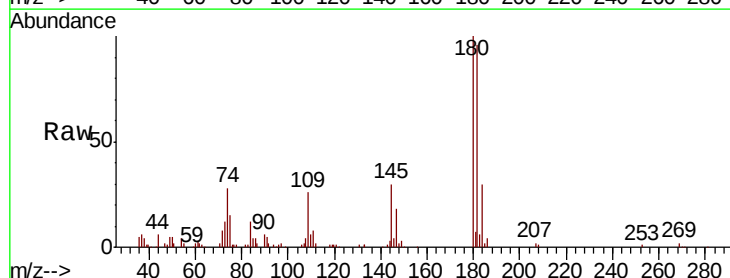
Tgt Ion:180 Resp: 71517

Ion Ratio Lower Upper

180 100

182 96.8 78.0 117.0

145 31.3 25.4 38.0



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

