

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081918\
 Data File : VW004735.D
 Acq On : 17 Aug 2018 15:54
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 18 01:25:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:25:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	640791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	991125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	937220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	506137	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	34027	5.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.98%	
35) Dibromofluoromethane	7.88	113	33061	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
50) Toluene-d8	10.32	98	123840	5.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.02%	
62) 4-Bromofluorobenzene	12.62	95	44263	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	21770	5.129 ug/l	95
3) Chloromethane	2.21	50	28959	5.218 ug/l	98
4) Vinyl Chloride	2.37	62	42307	5.179 ug/l	99
5) Bromomethane	2.78	94	27479	5.447 ug/l	98
6) Chloroethane	2.93	64	25800	5.234 ug/l	91
7) Trichlorofluoromethane	3.26	101	19003	4.938 ug/l	97
8) Diethyl Ether	3.67	74	17612	5.062 ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33496	5.055 ug/l	98
10) Methyl Iodide	4.27	142	49853	4.954 ug/l	99
11) Tert butyl alcohol	5.23	59	9446	27.079 ug/l #	91
12) 1,1-Dichloroethene	4.04	96	33141	5.019 ug/l	97
13) Acrolein	3.90	56	13664	29.419 ug/l	94
14) Allyl chloride	4.67	41	48414	4.831 ug/l	99
15) Acrylonitrile	5.38	53	34666	23.757 ug/l	98
16) Acetone	4.14	43	45373	28.690 ug/l	100
17) Carbon Disulfide	4.37	76	110146	5.076 ug/l	98
18) Methyl Acetate	4.68	43	16585	4.894 ug/l	97
19) Methyl tert-butyl Ether	5.43	73	38770	4.523 ug/l	100
20) Methylene Chloride	4.92	84	62471	7.238 ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	33696	4.796 ug/l	93
22) Diisopropyl ether	6.31	45	82939	4.306 ug/l	96
23) Vinyl Acetate	6.26	43	222663	20.437 ug/l	99
24) 1,1-Dichloroethane	6.21	63	62373	4.983 ug/l	98
25) 2-Butanone	7.18	43	52537	23.316 ug/l	100
26) 2,2-Dichloropropane	7.17	77	40470	5.598 ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	36287	4.797 ug/l	95
28) Bromochloromethane	7.51	49	26025	4.937 ug/l	99
29) Tetrahydrofuran	7.54	42	25159	21.896 ug/l	99
30) Chloroform	7.68	83	62085	5.043 ug/l	95
31) Cyclohexane	7.96	56	62722	5.181 ug/l #	78
32) 1,1,1-Trichloroethane	7.87	97	48619	4.982 ug/l	97
36) 1,1-Dichloropropene	8.09	75	48664	4.766 ug/l	99
37) Ethyl Acetate	7.26	43	17943	4.408 ug/l	99
38) Carbon Tetrachloride	8.07	117	45785	4.871 ug/l	97

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 Acq On : 17 Aug 2018 15:54
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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC005

Quant Time: Aug 18 01:25:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	55290	4.330	ug/l	93
40) Benzene	8.33	78	143021	4.820	ug/l	97
41) Methacrylonitrile	7.49	41	9246	4.003	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	37139	4.881	ug/l	100
43) Isopropyl Acetate	8.43	43	32198	4.404	ug/l	98
44) Trichloroethene	9.09	130	37218	4.941	ug/l	96
45) 1,2-Dichloropropane	9.37	63	34937	4.813	ug/l	98
46) Dibromomethane	9.46	93	17057	4.744	ug/l	99
47) Bromodichloromethane	9.65	83	40611	4.729	ug/l	96
48) Methyl methacrylate	9.44	41	14164	4.129	ug/l	97
49) 1,4-Dioxane	9.48	88	4590	87.370	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	102389	20.722	ug/l	98
52) Toluene	10.39	92	81595	4.585	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	37782	4.367	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	45709	4.431	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	24503	4.794	ug/l	97
56) Ethyl methacrylate	10.65	69	22940	3.799	ug/l	99
57) 1,3-Dichloropropane	10.93	76	41239	4.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	53138	18.824	ug/l	97
59) 2-Hexanone	10.98	43	66886	19.979	ug/l	94
60) Dibromochloromethane	11.13	129	26254	4.578	ug/l	97
61) 1,2-Dibromoethane	11.24	107	23115	4.731	ug/l	99
64) Tetrachloroethene	10.87	164	30394	4.745	ug/l	99
65) Chlorobenzene	11.66	112	98309	4.874	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	31909	4.685	ug/l	99
67) Ethyl Benzene	11.74	91	150497	4.401	ug/l	100
68) m/p-Xylenes	11.85	106	114220	8.585	ug/l	100
69) o-Xylene	12.17	106	50735	4.119	ug/l	99
70) Styrene	12.18	104	84240	4.072	ug/l	99
71) Bromoform	12.35	173	16203	4.507	ug/l #	98
73) Isopropylbenzene	12.47	105	140758	4.088	ug/l	99
74) N-amyl acetate	12.28	43	27879	3.862	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	29924	4.691	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	36930	4.926	ug/l #	100
77) Bromobenzene	12.75	156	39165	4.699	ug/l	96
78) n-propylbenzene	12.81	91	175612	4.179	ug/l	100
79) 2-Chlorotoluene	12.90	91	106425	4.394	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	116164	3.971	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	7972	4.153	ug/l	93
82) 4-Chlorotoluene	12.99	91	112940	4.389	ug/l	99
83) tert-Butylbenzene	13.21	119	102723	4.105	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	122725	4.078	ug/l	100
85) sec-Butylbenzene	13.39	105	156139	4.180	ug/l	100
86) p-Isopropyltoluene	13.51	119	130384	4.011	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	79917	4.714	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	82803	4.886	ug/l	94
89) n-Butylbenzene	13.83	91	134038	4.265	ug/l	99
90) Hexachloroethane	14.10	117	27390	4.623	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	72820	4.782	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4468	4.482	ug/l	93

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Acq On : 17 Aug 2018 15:54
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Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Aug 18 01:25:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:25:38 2018
Response via : Initial Calibration

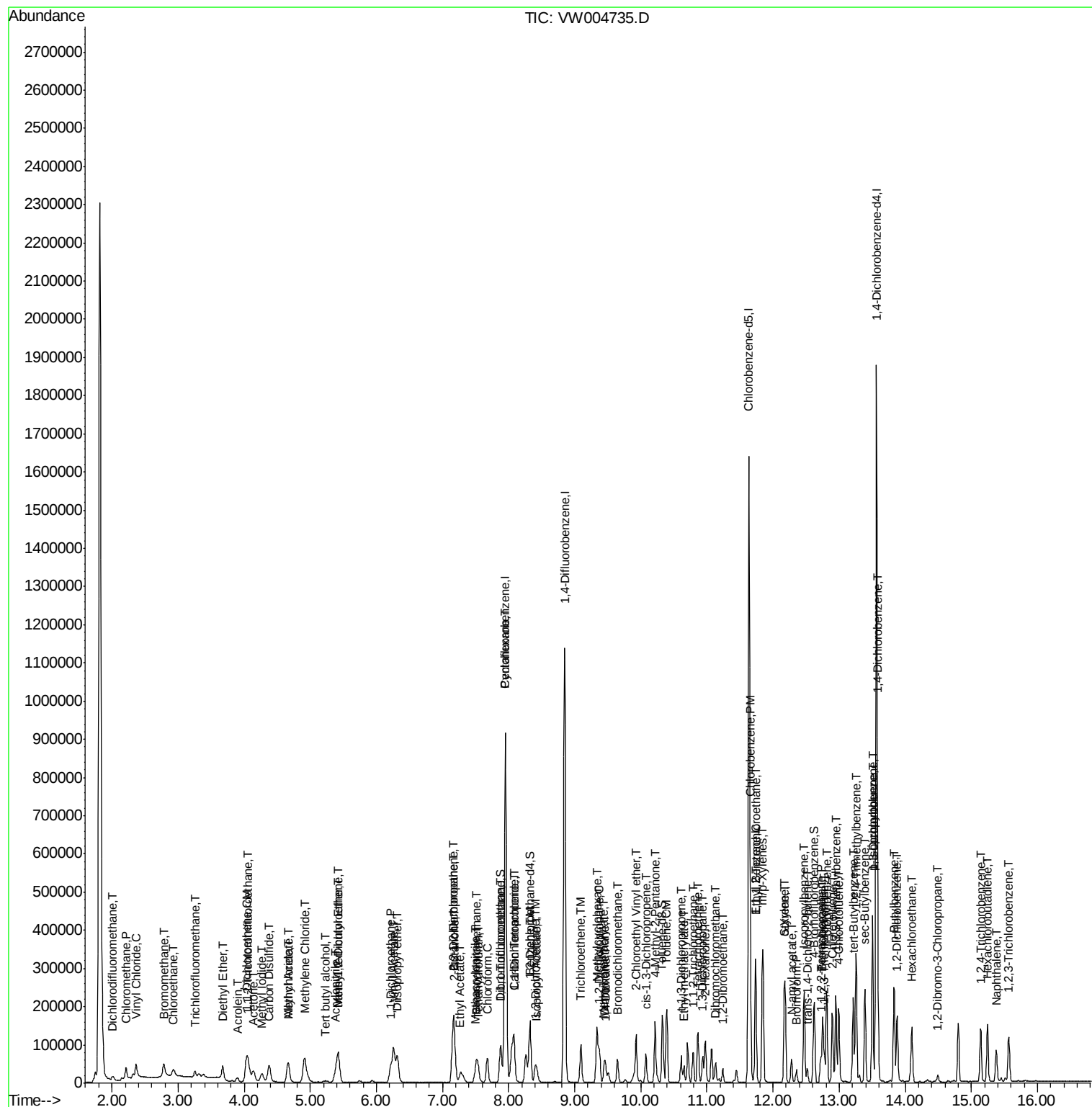
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	47983	4.455	ug/l	98
94) Hexachlorobutadiene	15.25	225	31104	4.705	ug/l	99
95) Naphthalene	15.38	128	70797	3.801	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	41393	4.334	ug/l	98

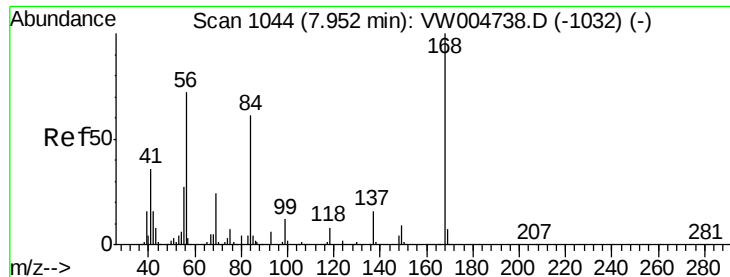
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081918\
Data File : VW004735.D
Acq On : 17 Aug 2018 15:54
Operator : SY/AP
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Aug 18 01:25:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:25:38 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

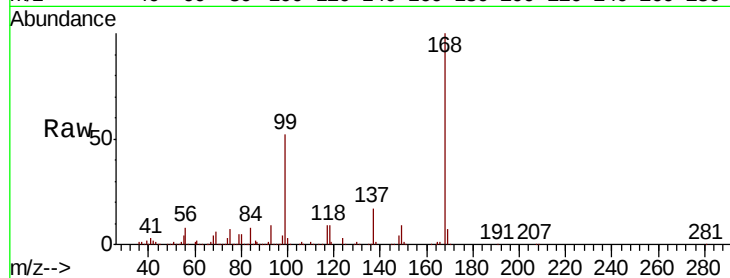
VSTDIC005

Tgt Ion:168 Resp: 640791

Ion Ratio Lower Upper

168 100

99 51.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

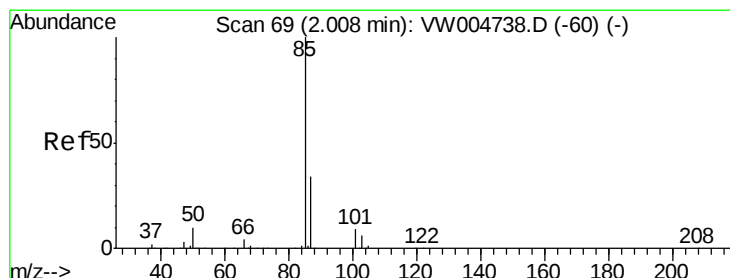
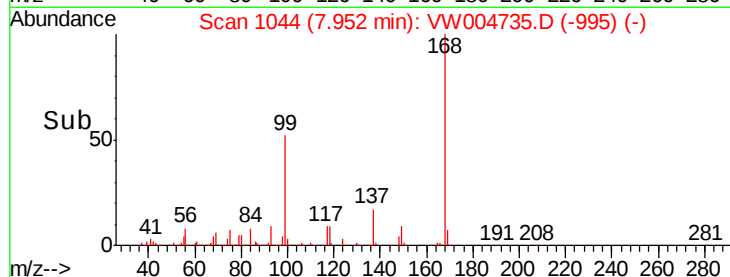
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.129 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004735.D

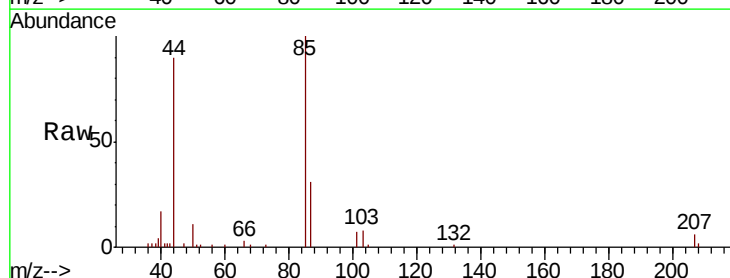
Acq: 17 Aug 2018 15:54

Tgt Ion: 85 Resp: 21770

Ion Ratio Lower Upper

85 100

87 31.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

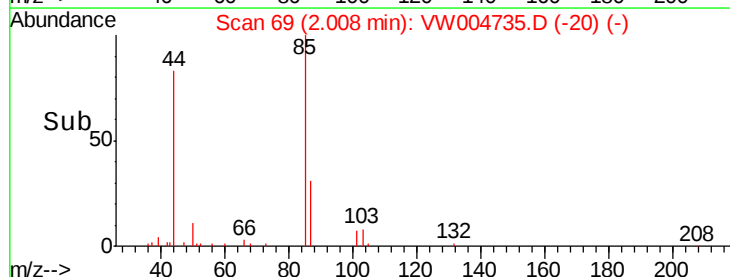
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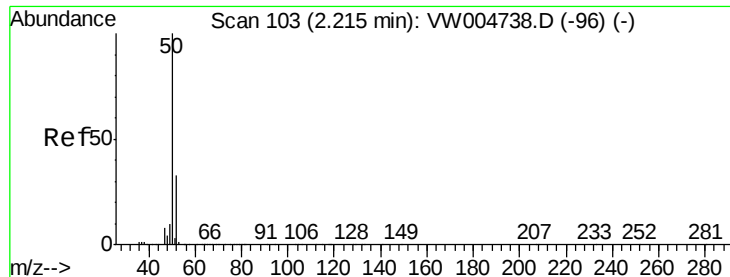
4000

2000

0

Time-->





#3

Chloromethane

Concen: 5.218 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

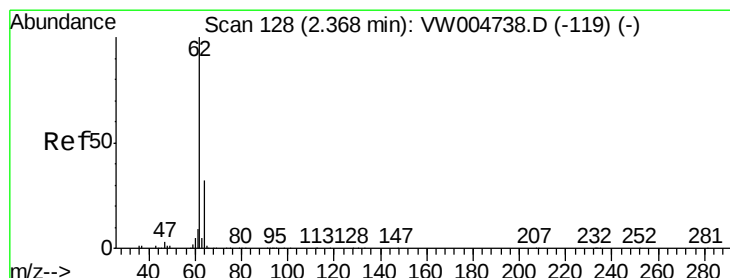
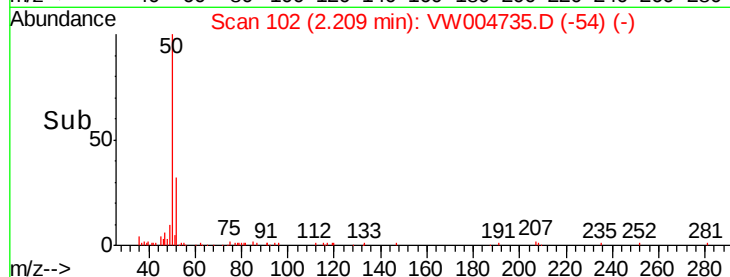
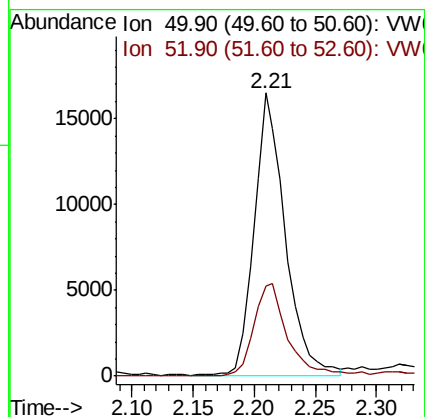
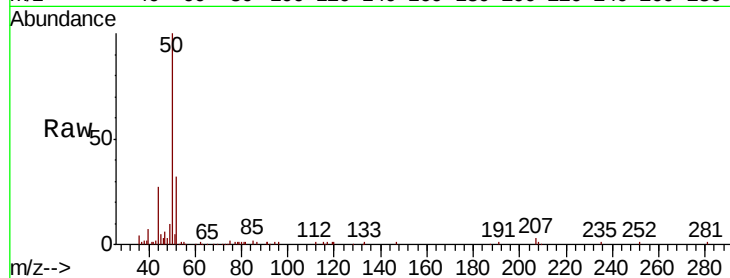
VSTDIC005

Tgt Ion: 50 Resp: 28959

Ion Ratio Lower Upper

50 100

52 32.1 26.7 40.1



#4

Vinyl Chloride

Concen: 5.179 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004735.D

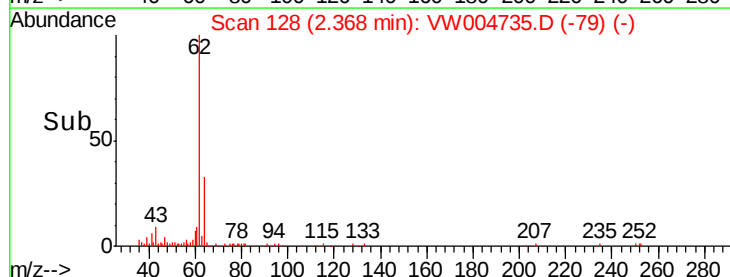
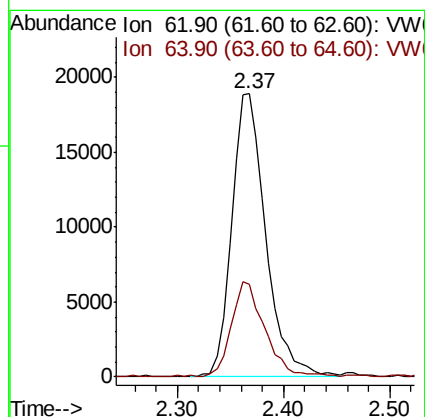
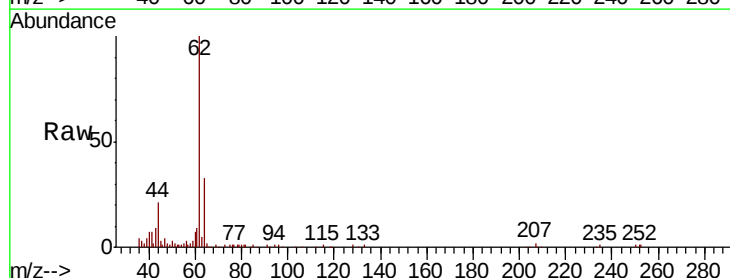
Acq: 17 Aug 2018 15:54

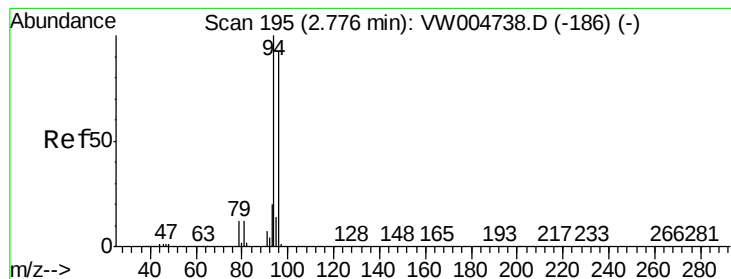
Tgt Ion: 62 Resp: 42307

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8





#5

Bromomethane

Concen: 5.447 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

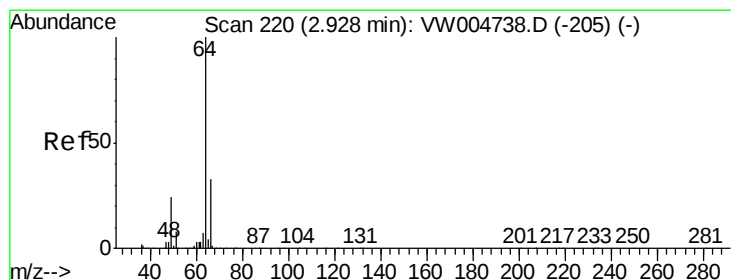
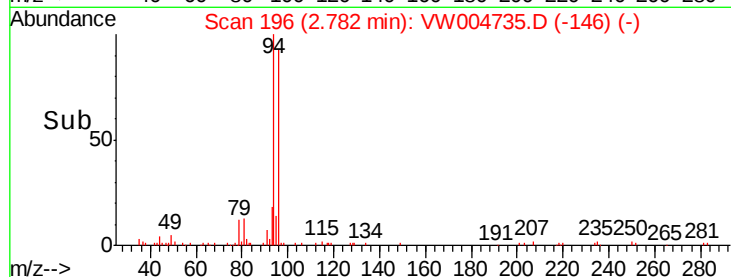
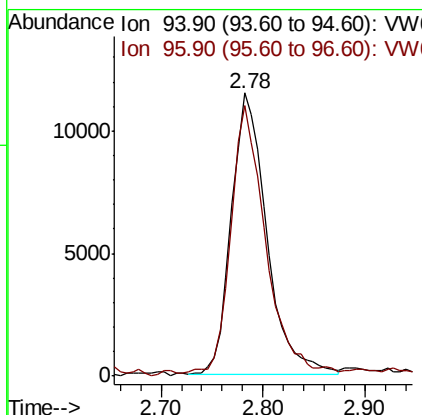
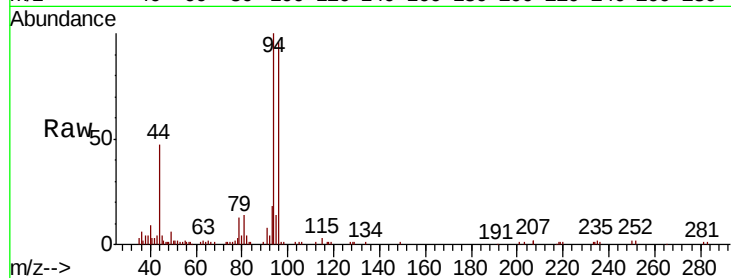
VSTDIC005

Tgt Ion: 94 Resp: 27479

Ion Ratio Lower Upper

94 100

96 94.9 74.3 111.5



#6

Chloroethane

Concen: 5.234 ug/l

RT: 2.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VW004735.D

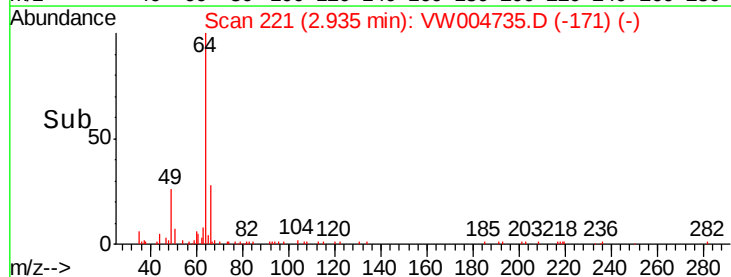
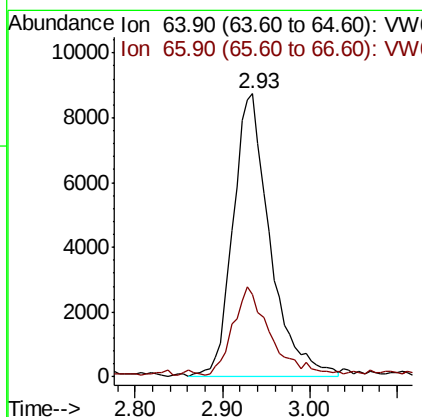
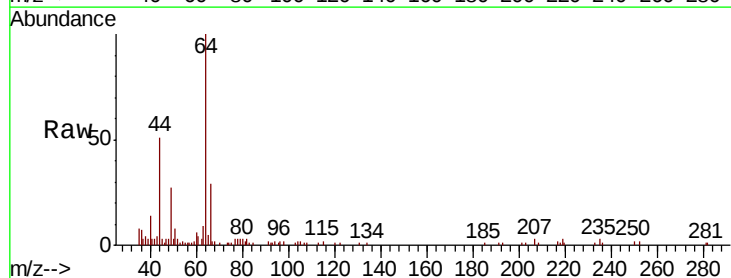
Acq: 17 Aug 2018 15:54

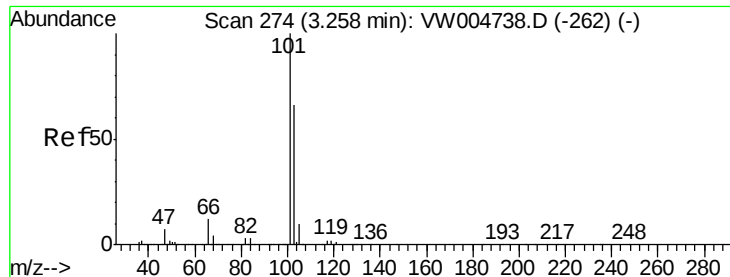
Tgt Ion: 64 Resp: 25800

Ion Ratio Lower Upper

64 100

66 27.5 26.1 39.1



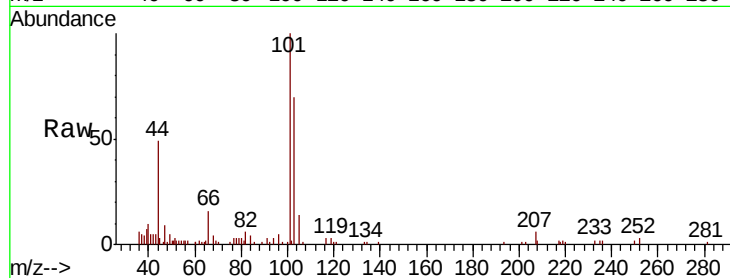


#7

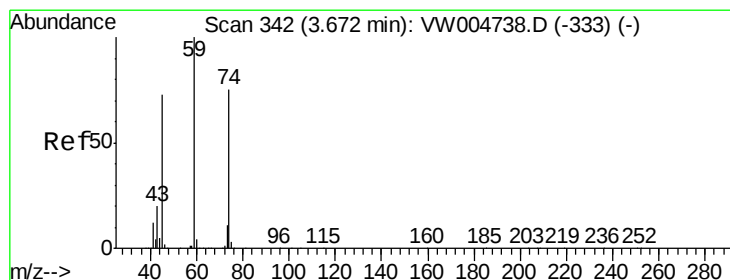
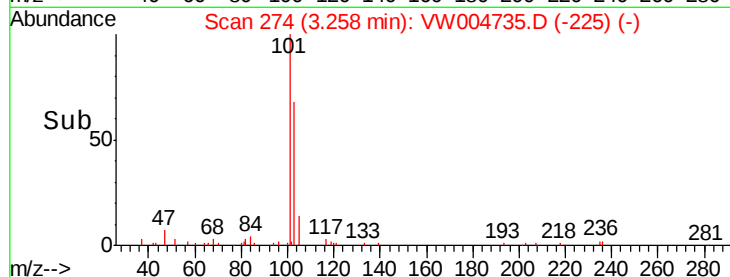
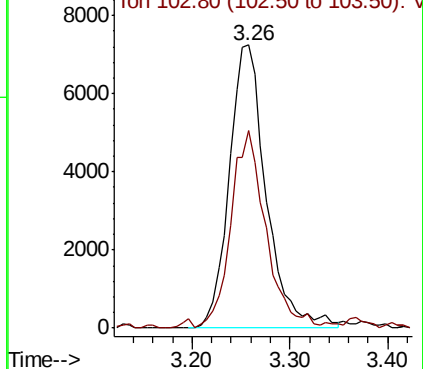
Trichlorofluoromethane
 Concen: 4.938 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 101 Resp: 19003
 Ion Ratio Lower Upper
 101 100
 103 68.0 52.5 78.7



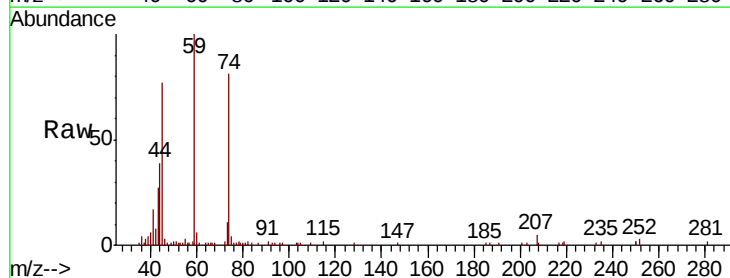
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



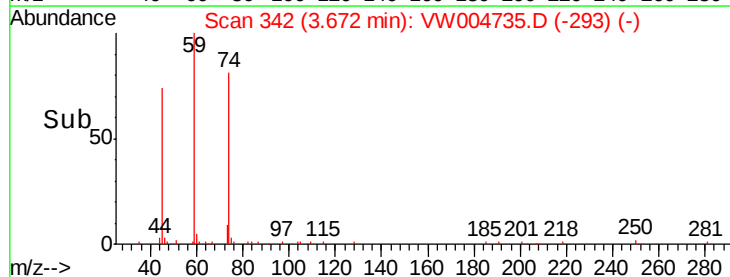
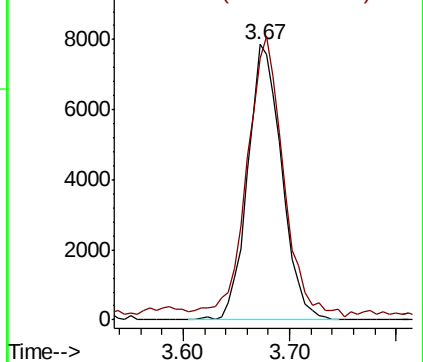
#8

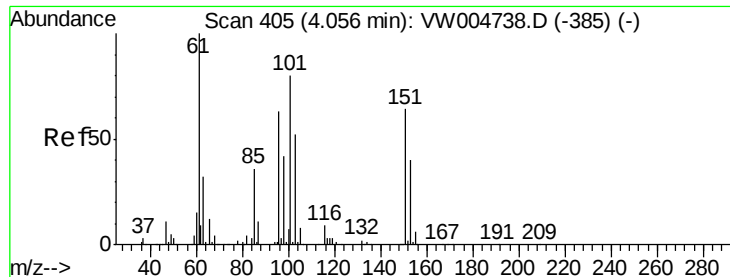
Diethyl Ether
 Concen: 5.062 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion: 74 Resp: 17612
 Ion Ratio Lower Upper
 74 100
 45 109.3 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.055 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

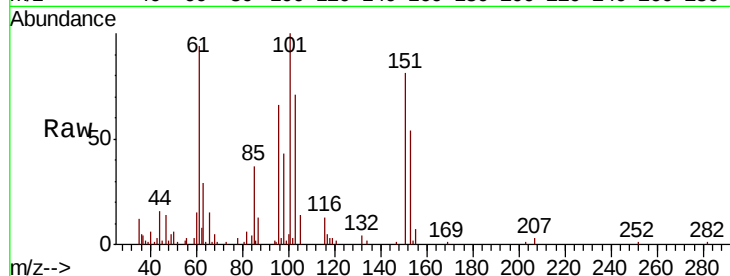
Tgt Ion:101 Resp: 33496

Ion Ratio Lower Upper

101 100

85 41.4 33.9 50.9

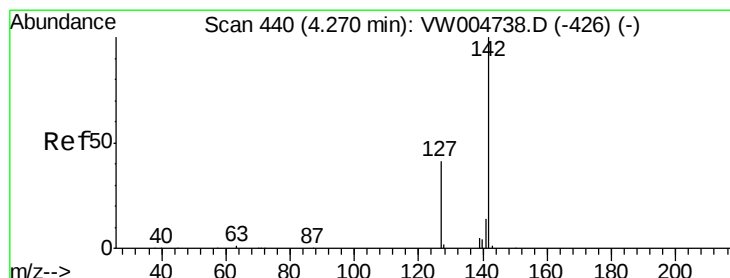
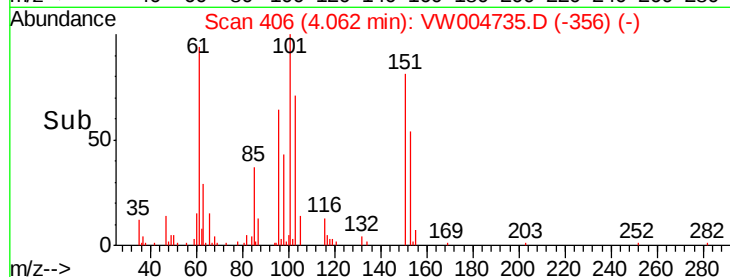
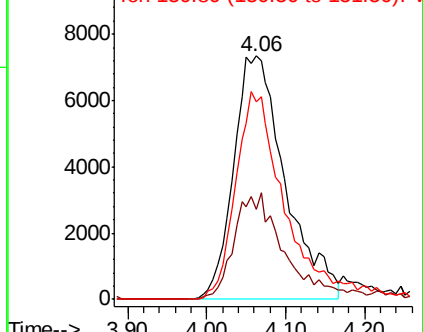
151 81.9 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.954 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

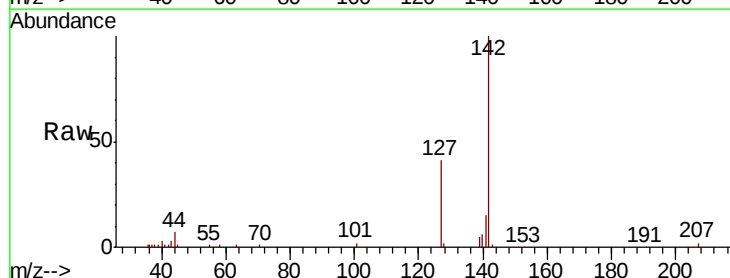
Tgt Ion:142 Resp: 49853

Ion Ratio Lower Upper

142 100

127 39.1 32.1 48.1

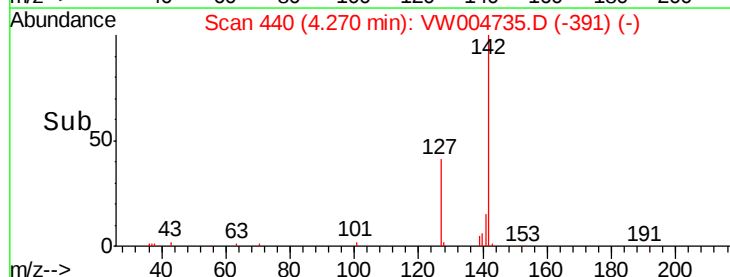
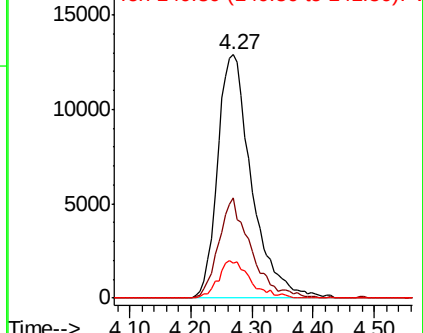
141 14.2 11.7 17.5

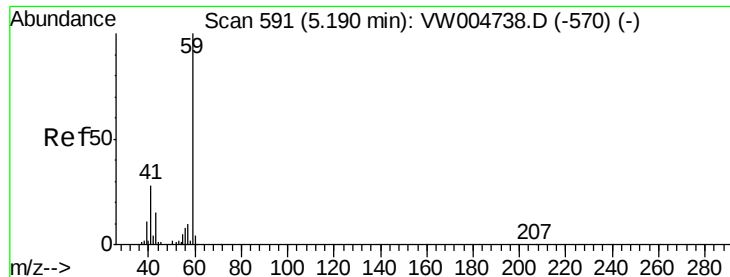


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

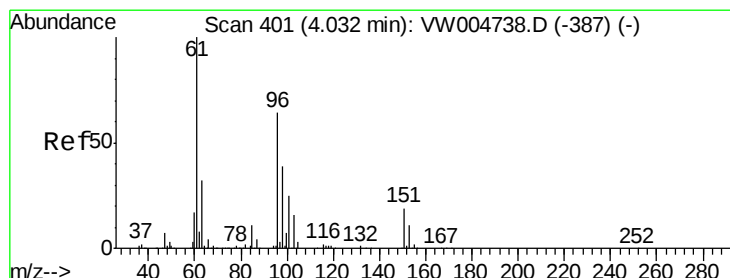
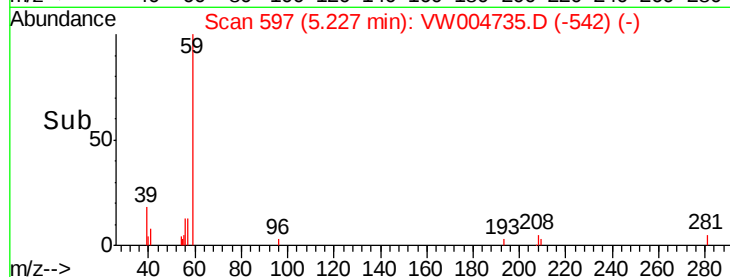
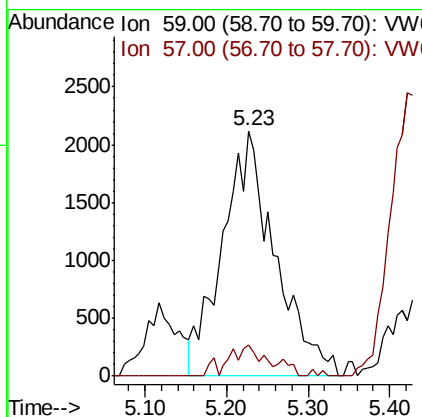
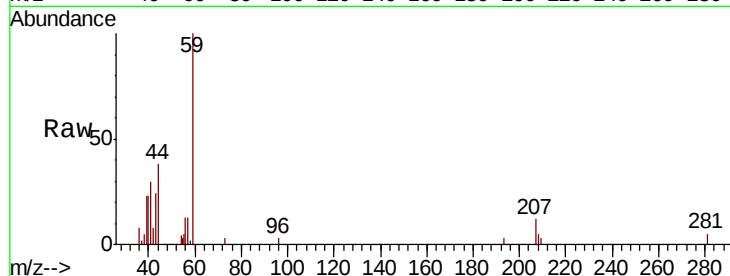




#11
Tert butyl alcohol
Concen: 27.079 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.04 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

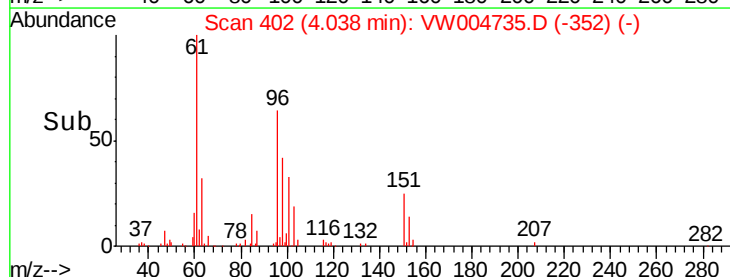
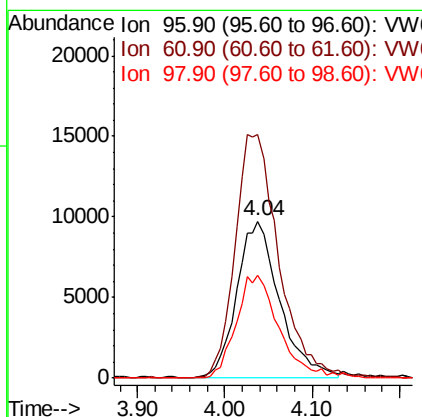
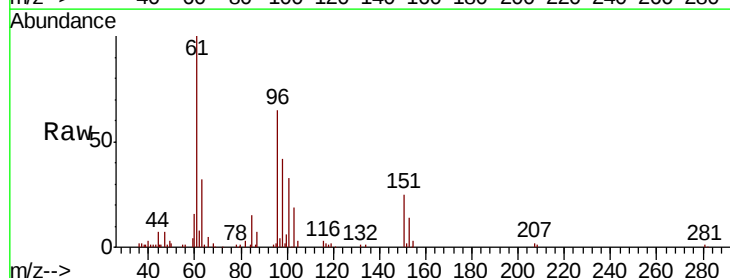
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

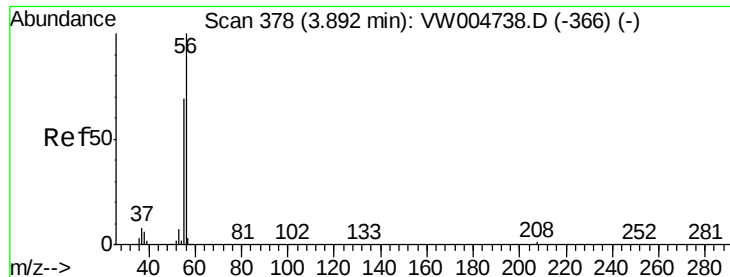
Tgt Ion: 59 Resp: 9446
Ion Ratio Lower Upper
59 100
57 7.2 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 5.019 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion: 96 Resp: 33141
Ion Ratio Lower Upper
96 100
61 155.0 125.6 188.4
98 65.8 49.4 74.0





#13

Acrolein

Concen: 29.419 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

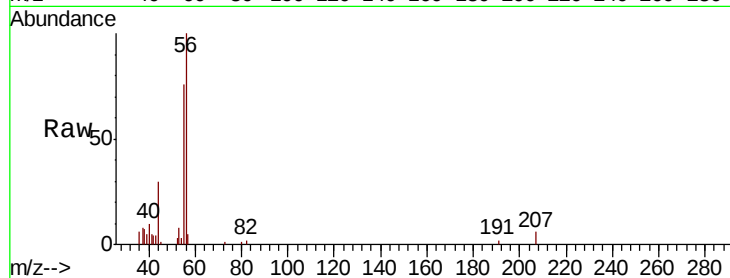
VSTDIC005

Tgt Ion: 56 Resp: 13664

Ion Ratio Lower Upper

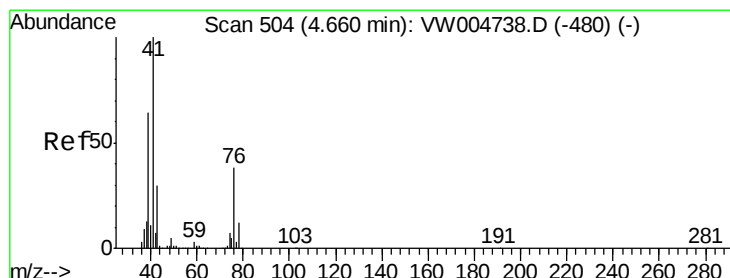
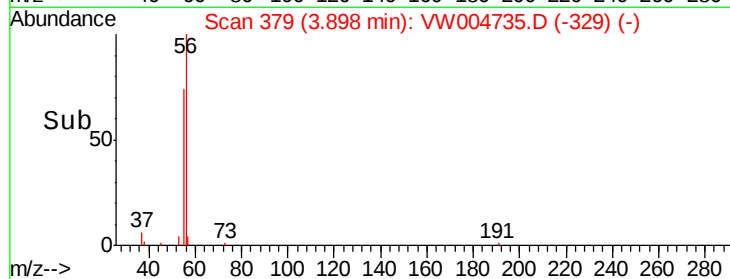
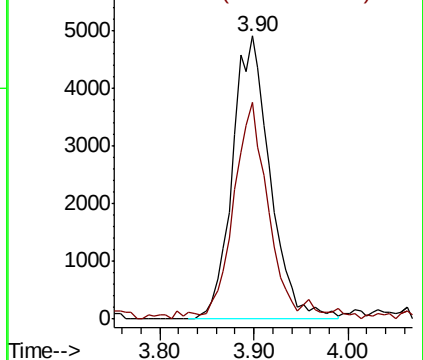
56 100

55 65.3 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 4.831 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

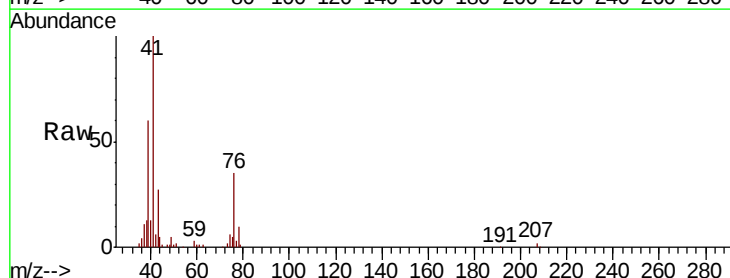
Tgt Ion: 41 Resp: 48414

Ion Ratio Lower Upper

41 100

39 62.7 50.0 75.0

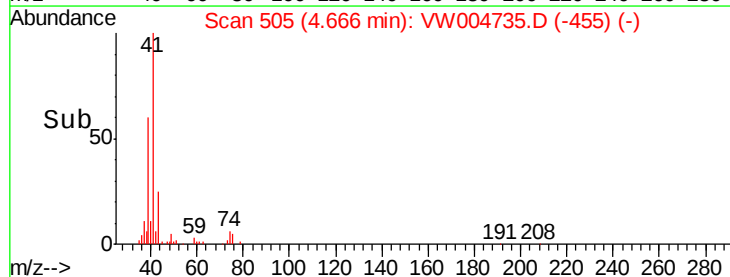
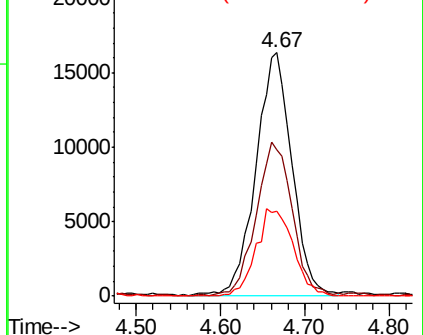
76 36.7 29.8 44.6

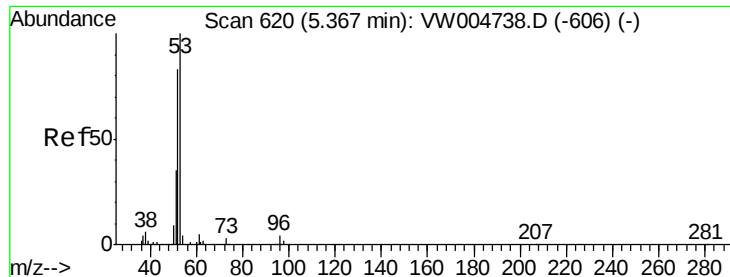


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 23.757 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

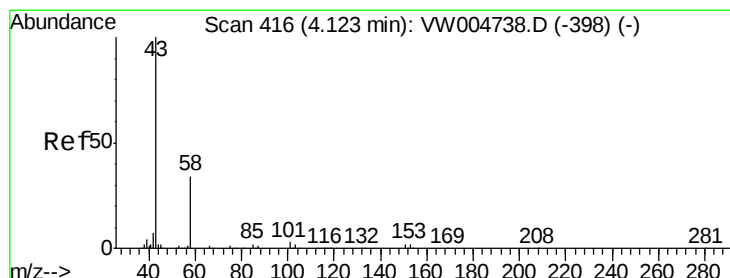
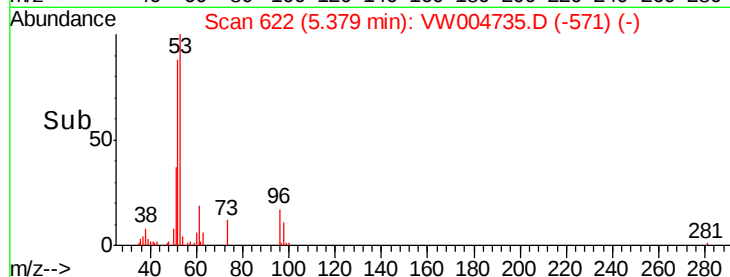
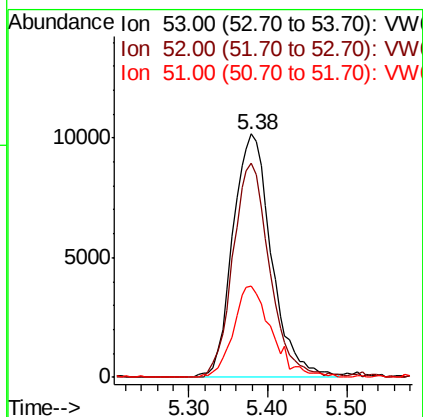
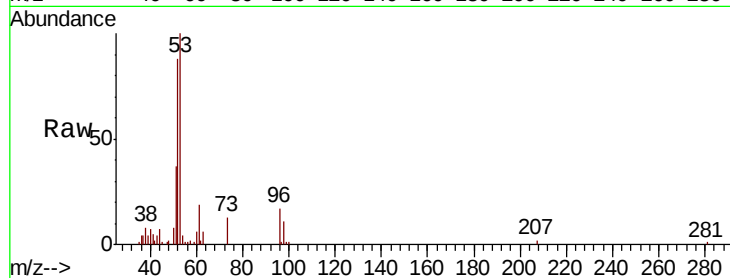
Tgt Ion: 53 Resp: 34666

Ion Ratio Lower Upper

53 100

52 83.5 65.8 98.6

51 37.3 28.7 43.1



#16

Acetone

Concen: 28.690 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004735.D

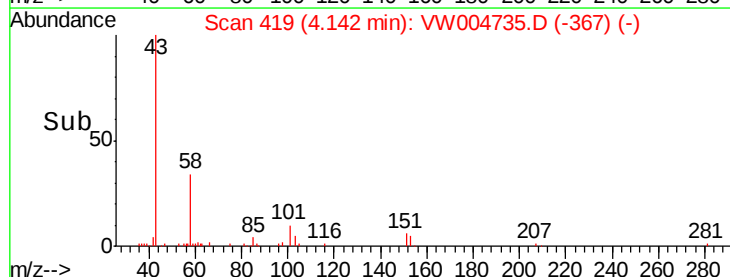
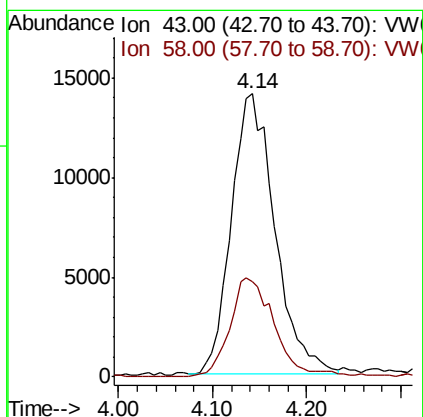
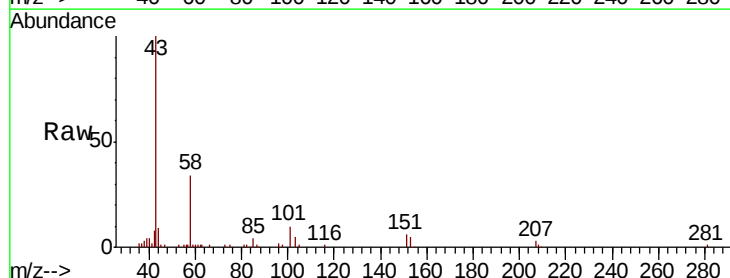
Acq: 17 Aug 2018 15:54

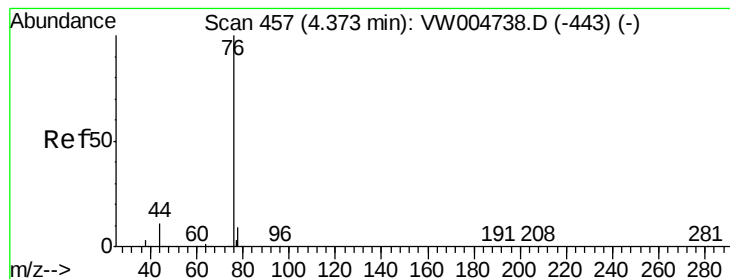
Tgt Ion: 43 Resp: 45373

Ion Ratio Lower Upper

43 100

58 33.9 27.3 40.9





#17

Carbon Disulfide

Concen: 5.076 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

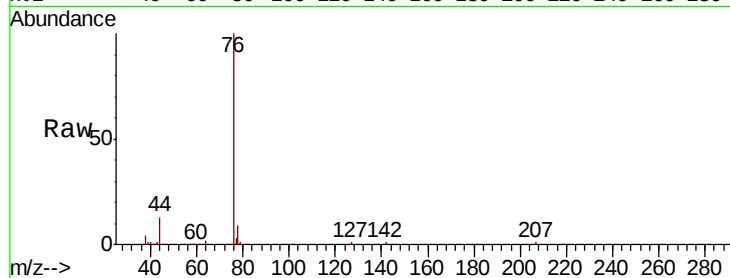
VSTDIC005

Tgt Ion: 76 Resp: 110146

Ion Ratio Lower Upper

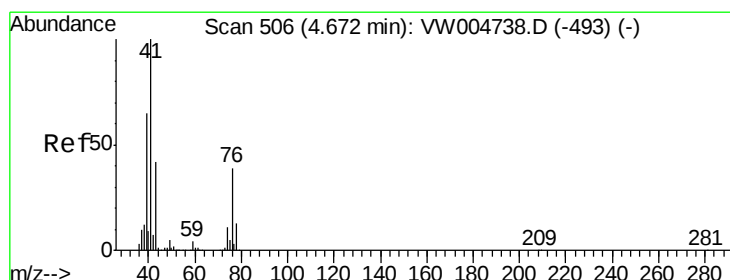
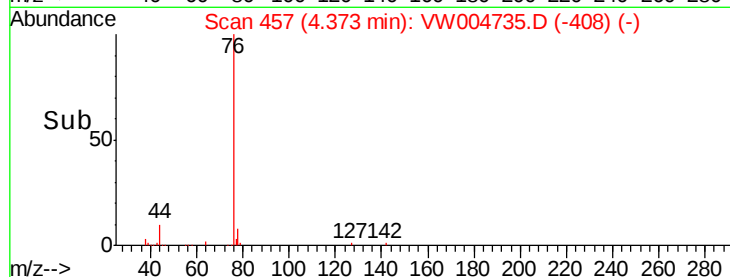
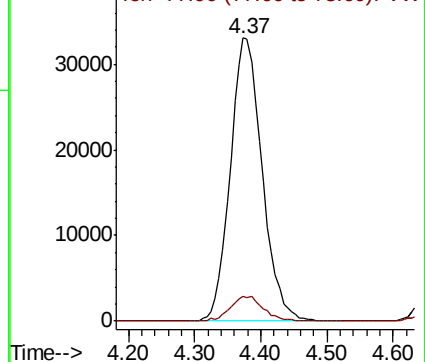
76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 4.894 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004735.D

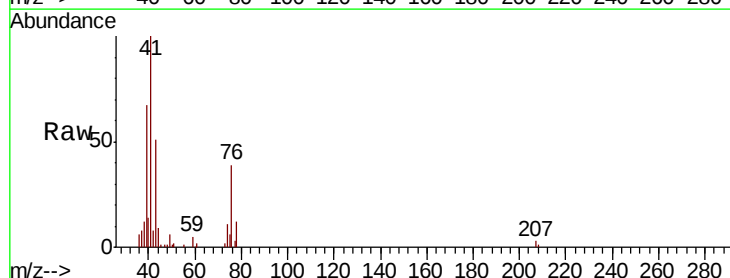
Acq: 17 Aug 2018 15:54

Tgt Ion: 43 Resp: 16585

Ion Ratio Lower Upper

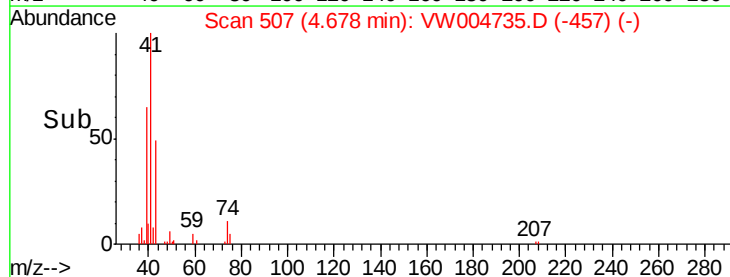
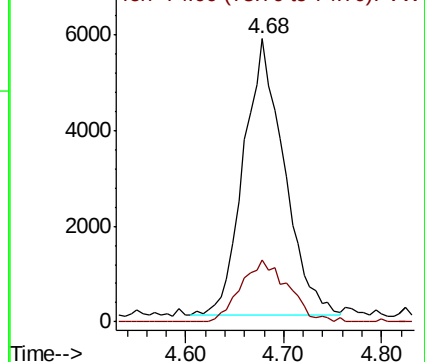
43 100

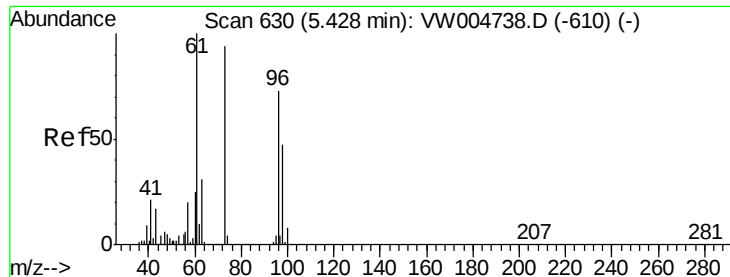
74 26.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



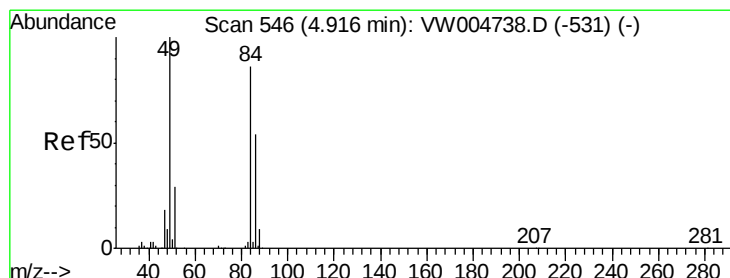
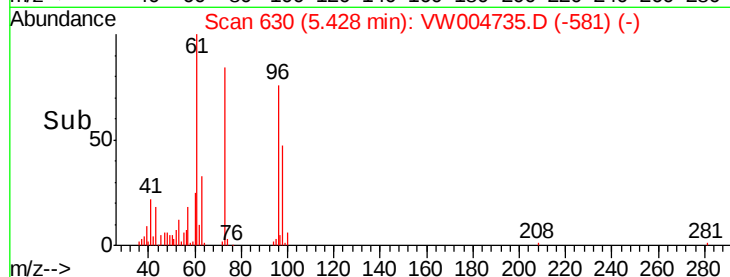
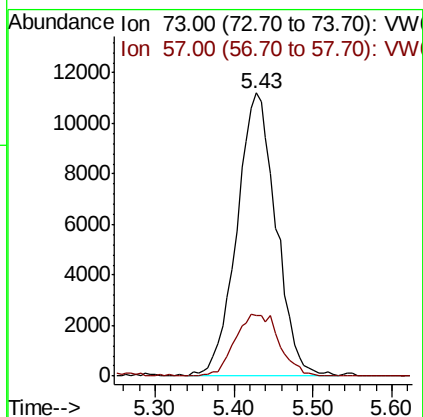
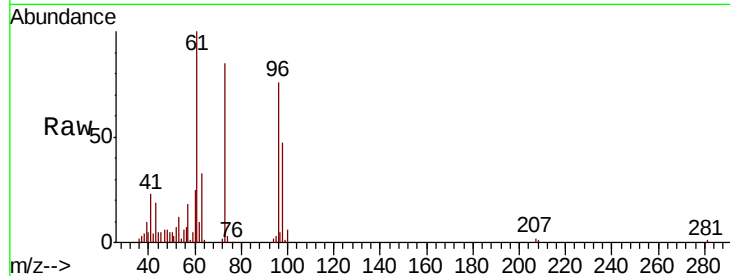


#19

Methyl tert-butyl Ether
 Concen: 4.523 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

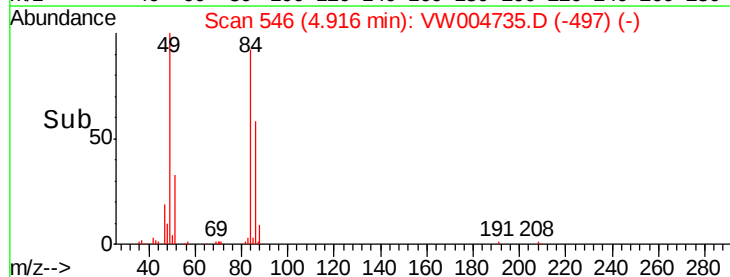
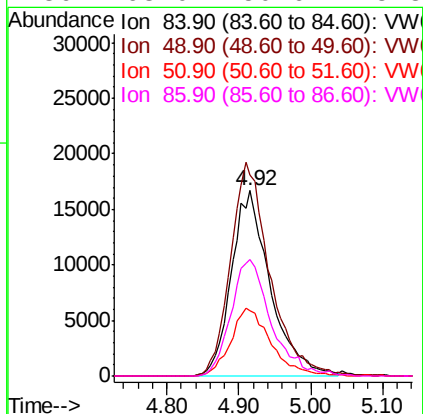
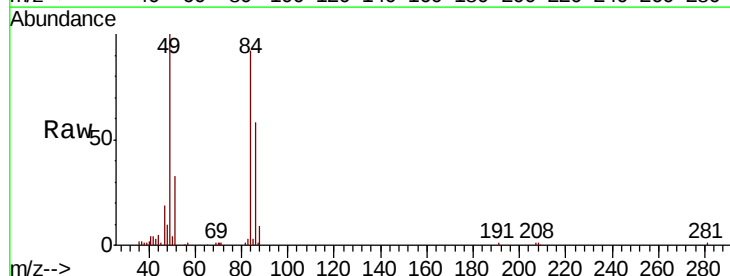
Tgt Ion: 73 Resp: 38770
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.3 25.9

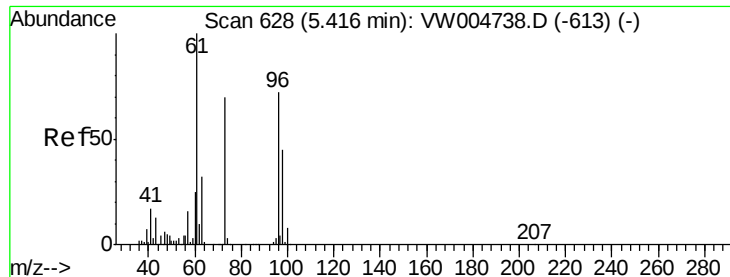


#20

Methylene Chloride
 Concen: 7.238 ug/l
 RT: 4.92 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion: 84 Resp: 62471
 Ion Ratio Lower Upper
 84 100
 49 108.7 93.2 139.8
 51 35.5 27.4 41.0
 86 63.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 4.796 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

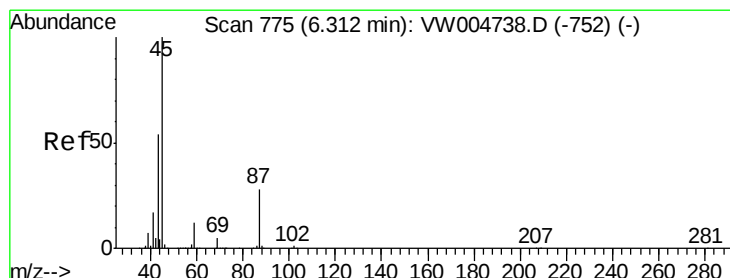
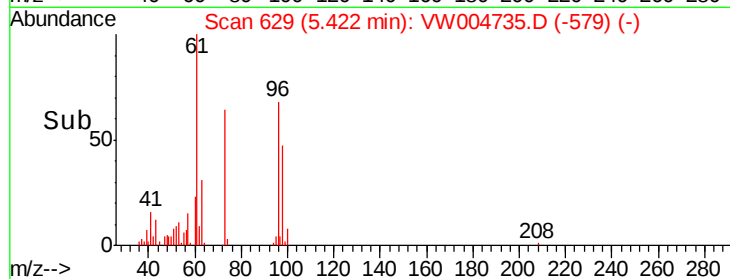
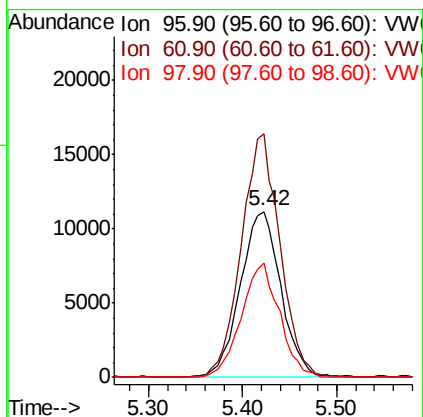
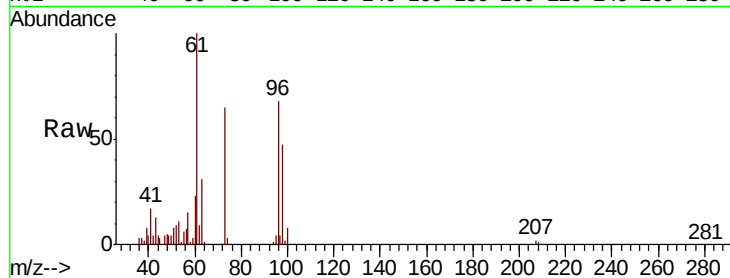
Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 33696

Ion	Ratio	Lower	Upper
96	100		
61	147.0	111.4	167.0
98	69.3	49.7	74.5



#22

Diisopropyl ether

Concen: 4.306 ug/l

RT: 6.31 min Scan# 775

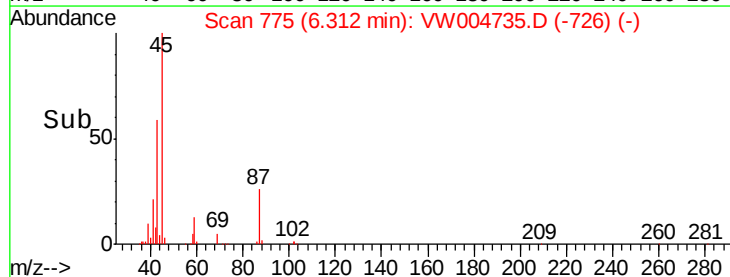
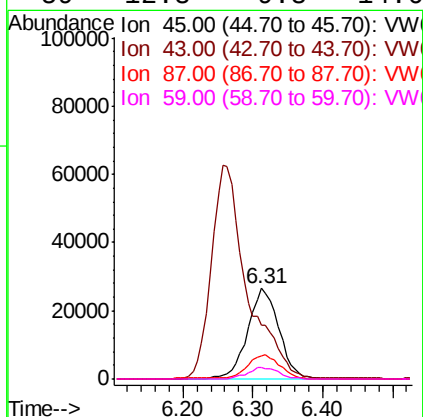
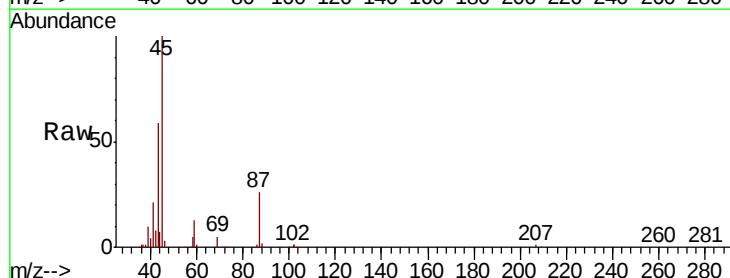
Delta R.T. 0.00 min

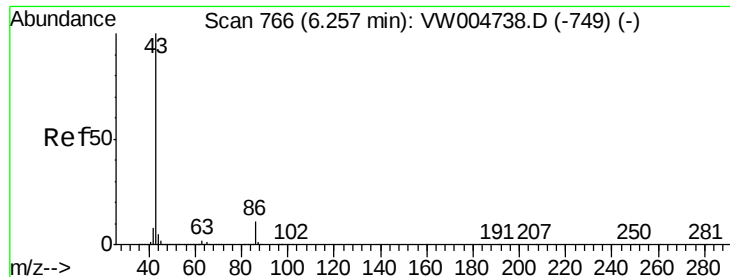
Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Tgt Ion: 45 Resp: 82939

Ion	Ratio	Lower	Upper
45	100		
43	57.5	43.0	64.6
87	25.6	22.2	33.4
59	12.8	9.8	14.6





#23

Vinyl Acetate

Concen: 20.437 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

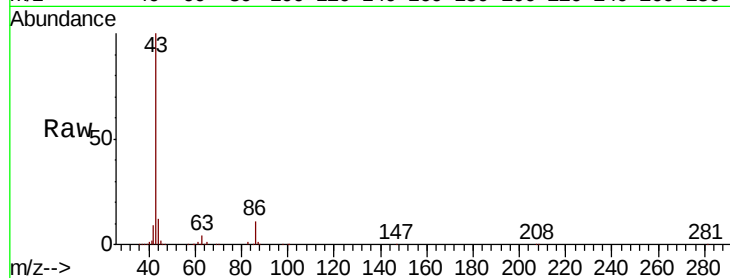
VSTDIC005

Tgt Ion: 43 Resp: 222663

Ion Ratio Lower Upper

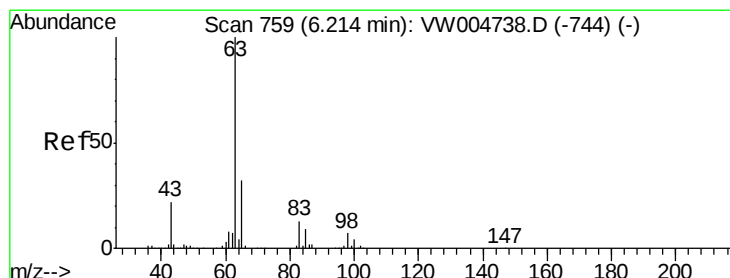
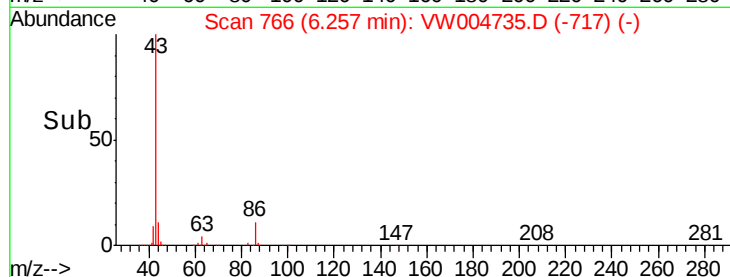
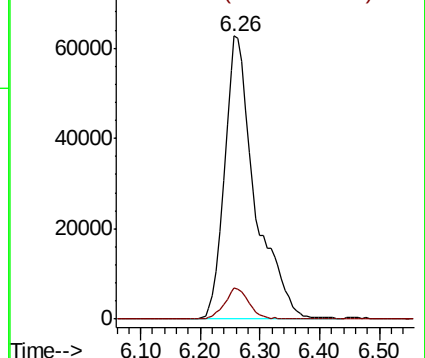
43 100

86 10.8 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 4.983 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

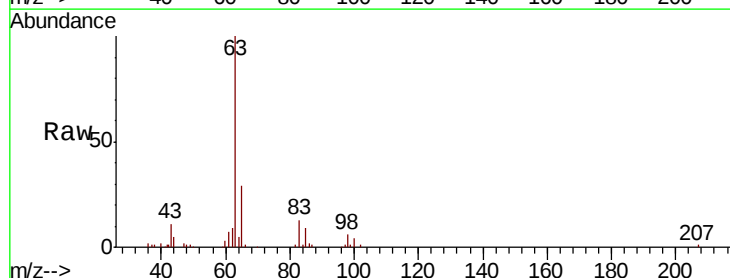
Tgt Ion: 63 Resp: 62373

Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.4

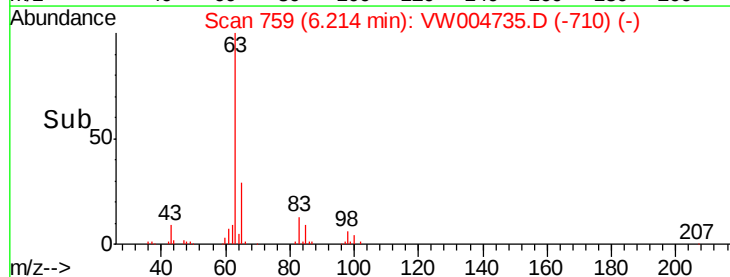
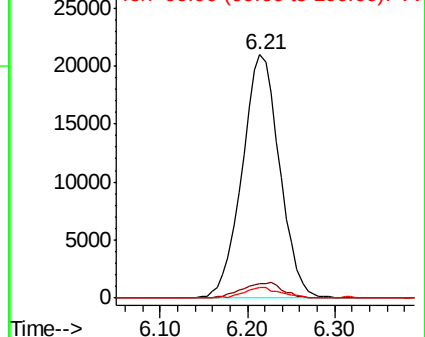
100 4.2 2.1 6.3

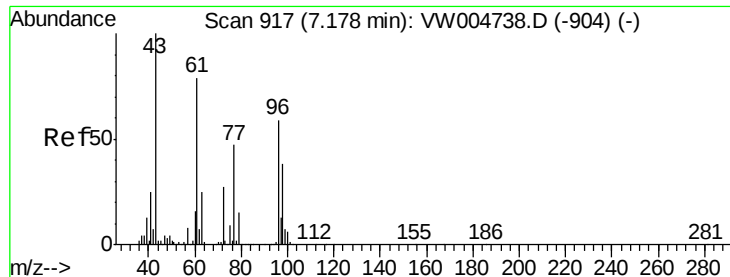


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 23.316 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

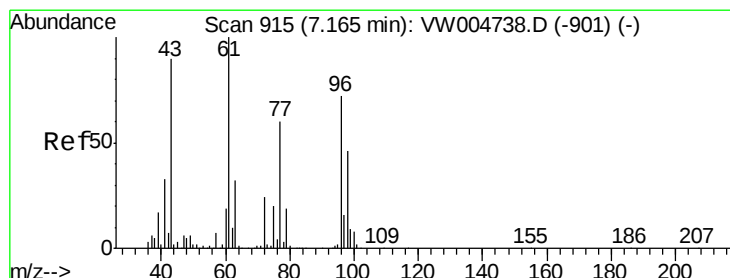
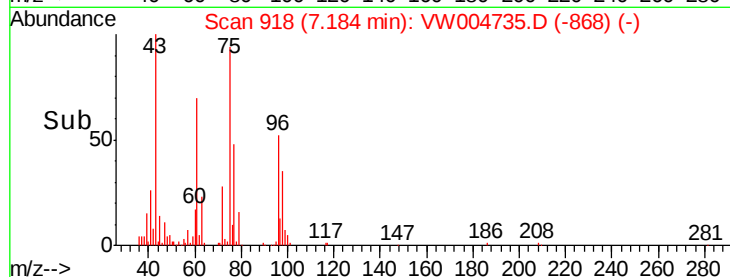
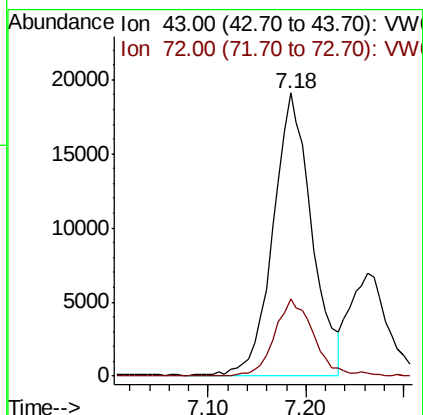
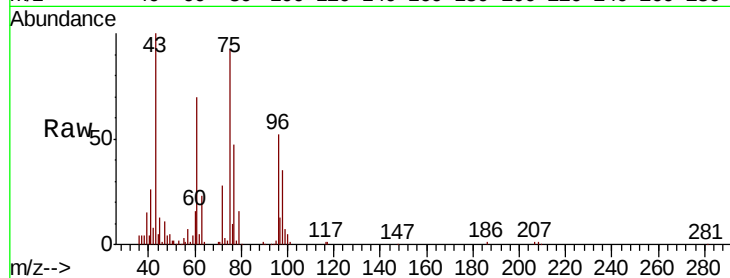
VSTDIC005

Tgt Ion: 43 Resp: 52537

Ion Ratio Lower Upper

43 100

72 27.6 22.0 33.0



#26

2,2-Dichloropropane

Concen: 5.598 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004735.D

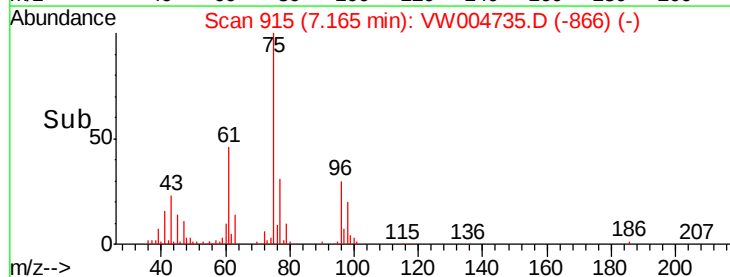
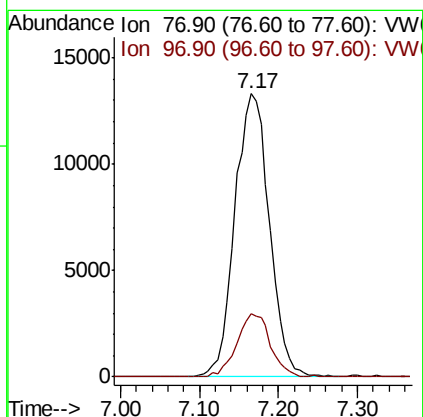
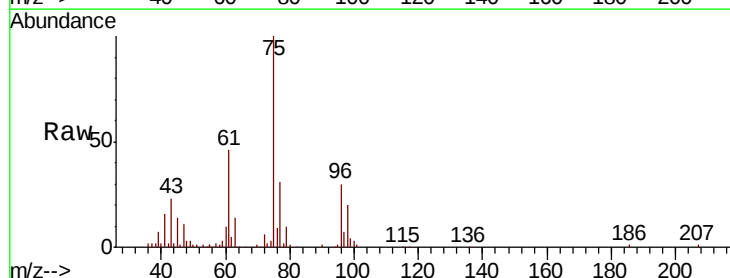
Acq: 17 Aug 2018 15:54

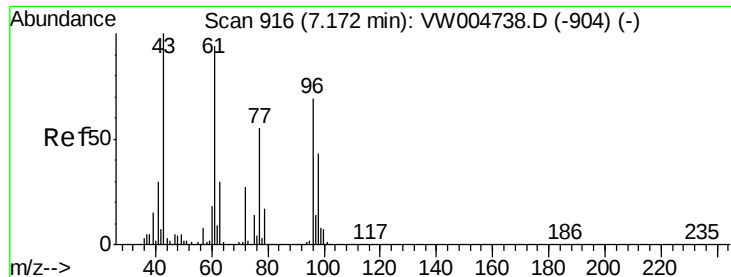
Tgt Ion: 77 Resp: 40470

Ion Ratio Lower Upper

77 100

97 21.6 12.6 37.8



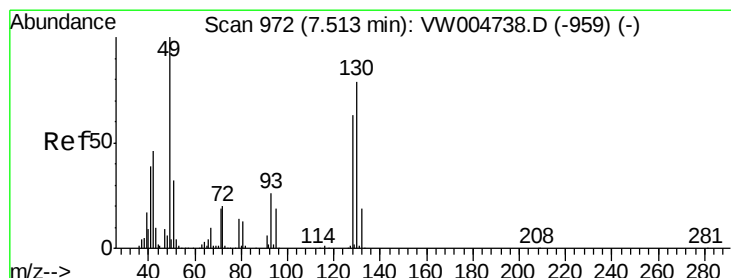
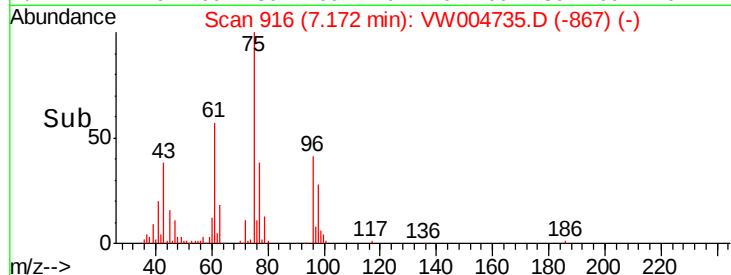
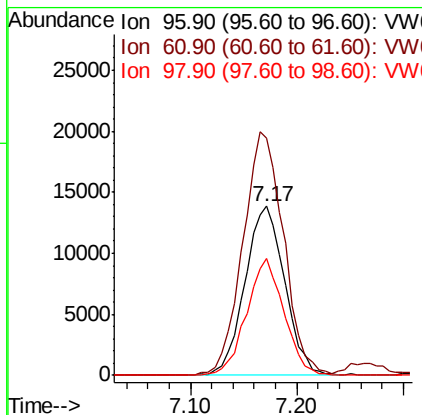
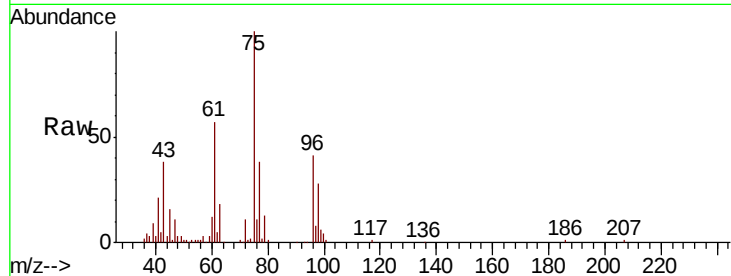


#27

cis-1,2-Dichloroethene
Concen: 4.797 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

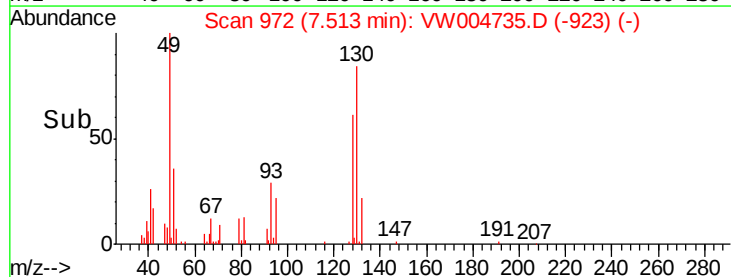
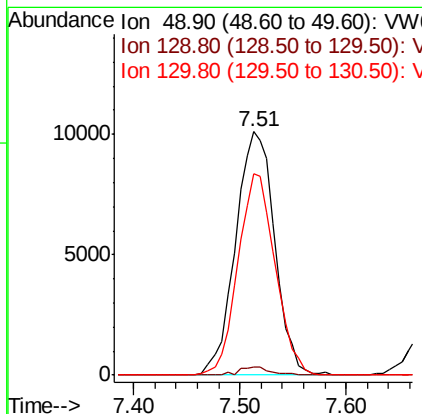
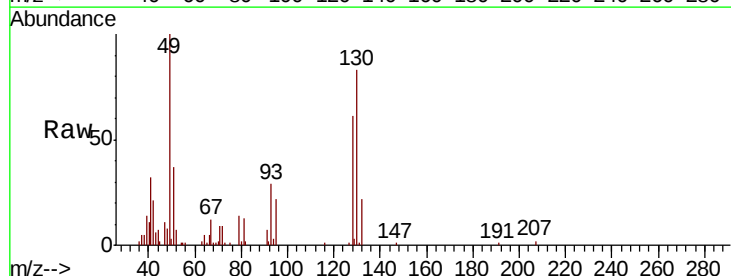
Tgt Ion: 96 Resp: 36287
Ion Ratio Lower Upper
96 100
61 147.4 0.0 277.6
98 64.9 0.0 127.4

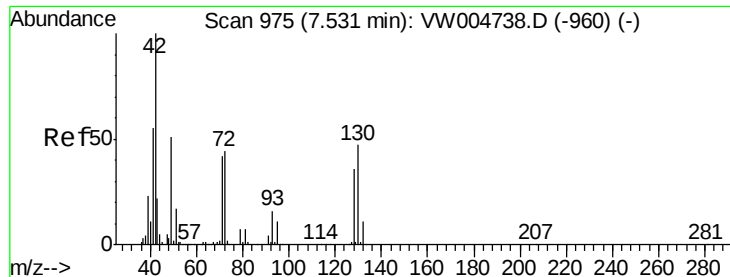


#28

Bromochloromethane
Concen: 4.937 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion: 49 Resp: 26025
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.4
130 78.7 63.7 95.5

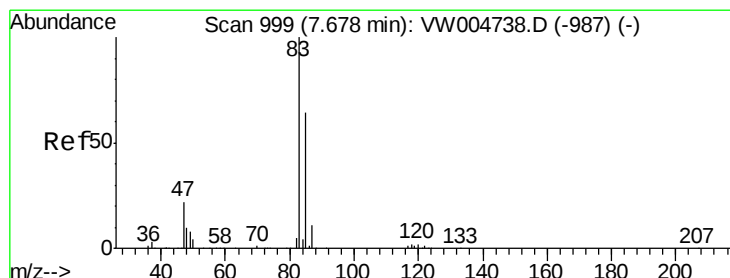
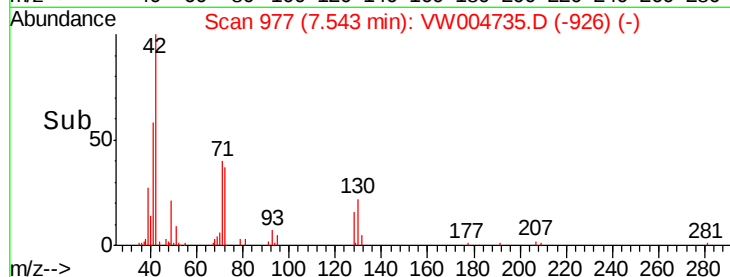
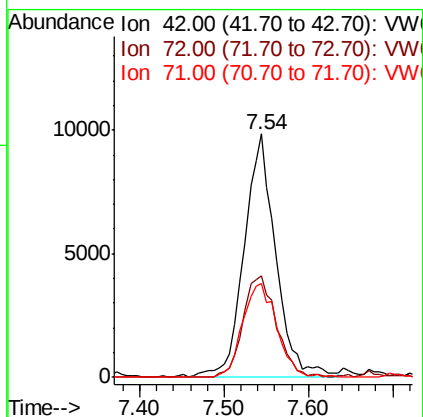
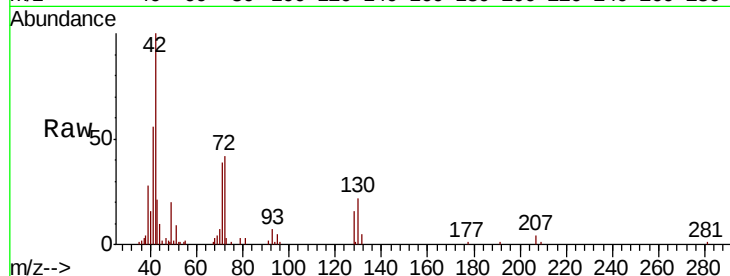




#29
Tetrahydrofuran
Concen: 21.896 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

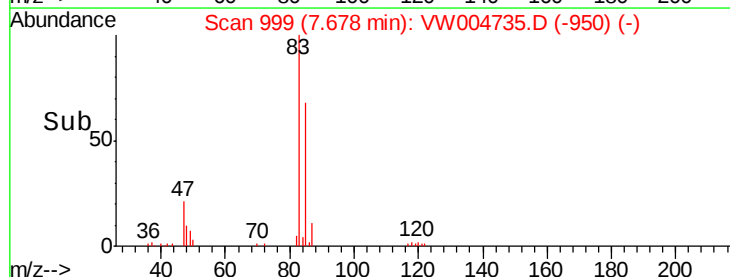
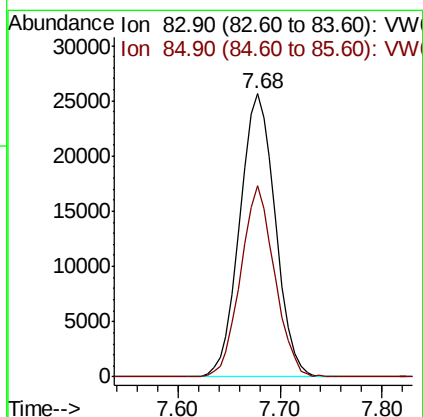
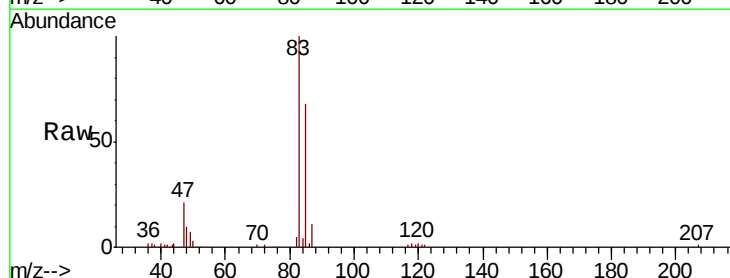
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

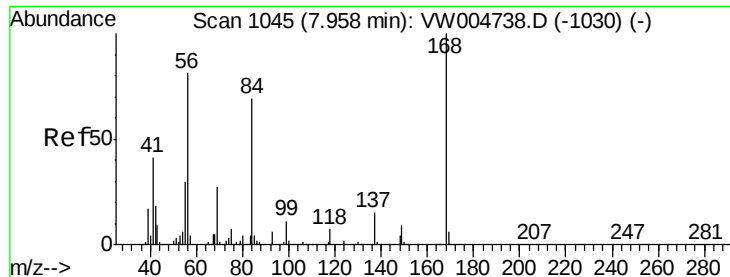
Tgt Ion: 42 Resp: 25159
Ion Ratio Lower Upper
42 100
72 43.9 34.9 52.3
71 41.2 33.8 50.6



#30
Chloroform
Concen: 5.043 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion: 83 Resp: 62085
Ion Ratio Lower Upper
83 100
85 67.8 51.0 76.6

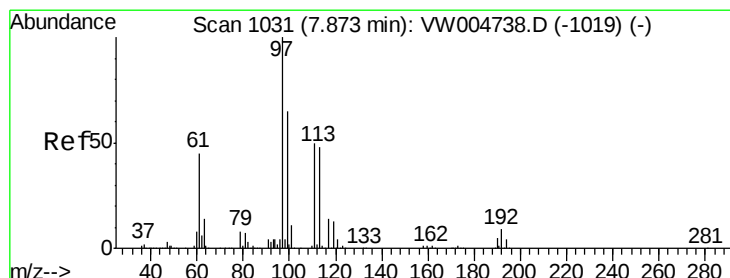
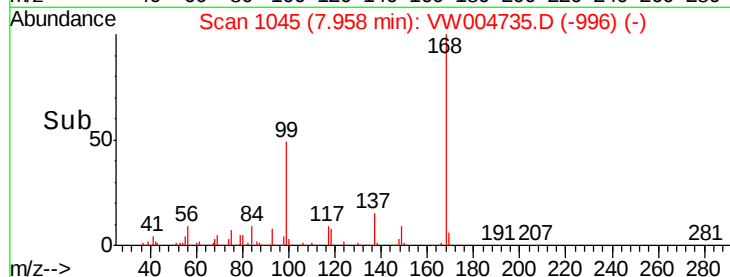
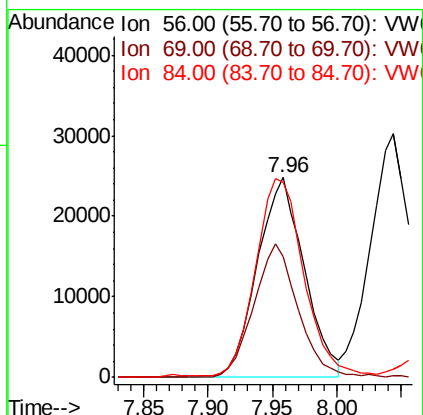
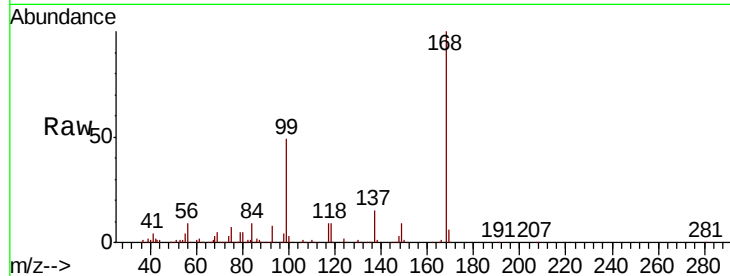




#31
Cyclohexane
Concen: 5.181 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

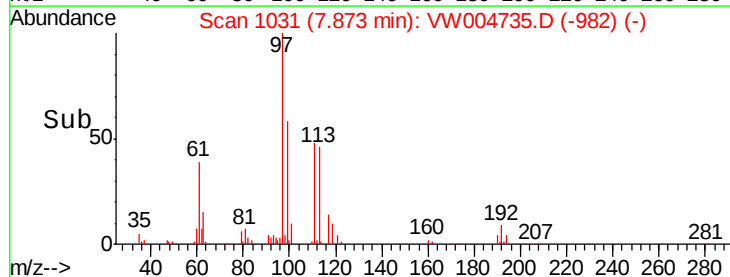
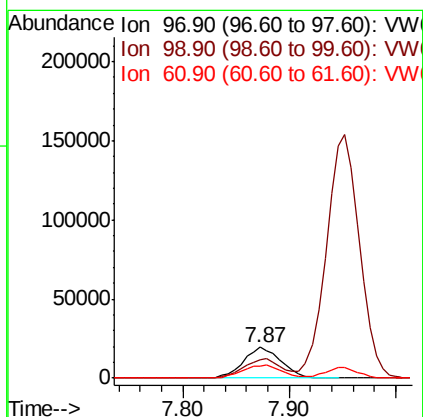
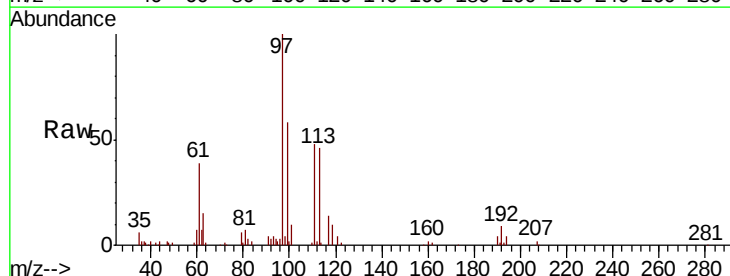
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

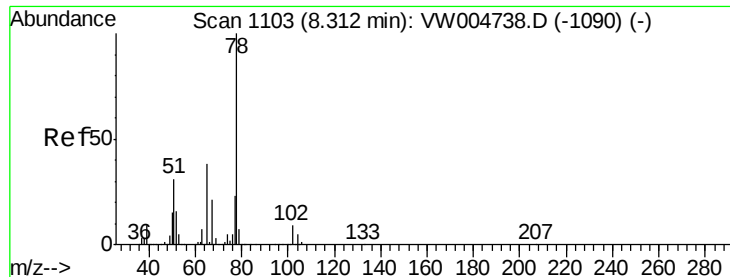
Tgt Ion: 56 Resp: 62722
Ion Ratio Lower Upper
56 100
69 60.0 27.1 40.7#
84 96.8 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 4.982 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion: 97 Resp: 48619
Ion Ratio Lower Upper
97 100
99 61.7 51.7 77.5
61 43.5 34.4 51.6

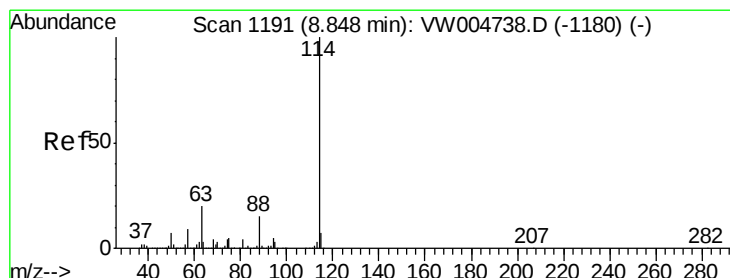
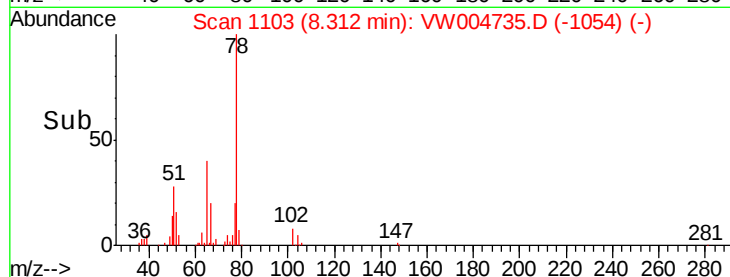
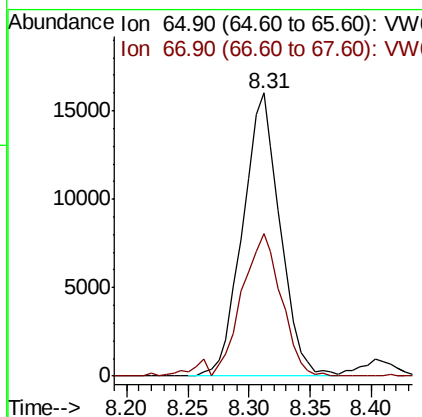
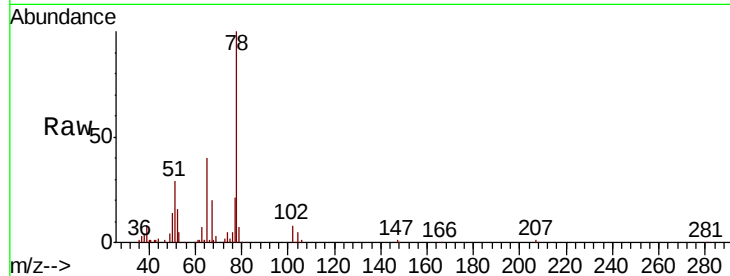




#33
 1,2-Dichloroethane-d4
 Concen: 5.492 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

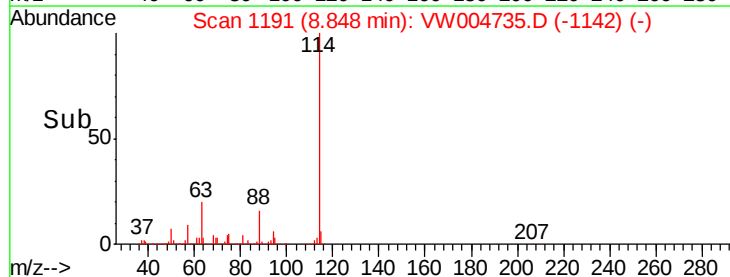
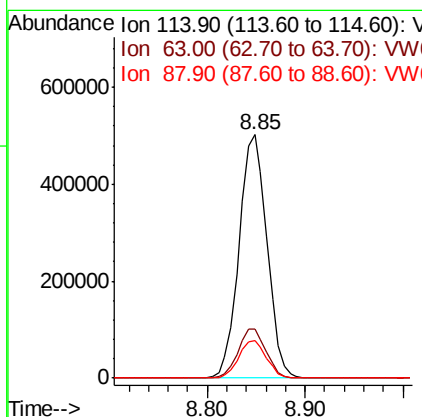
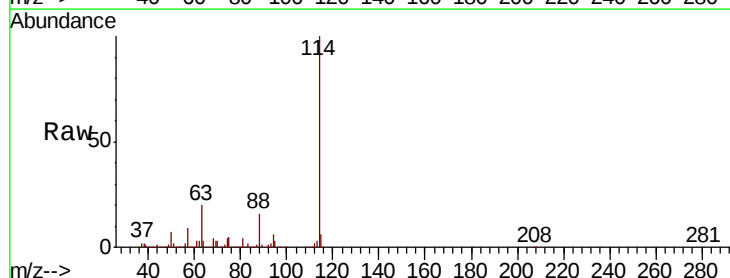
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

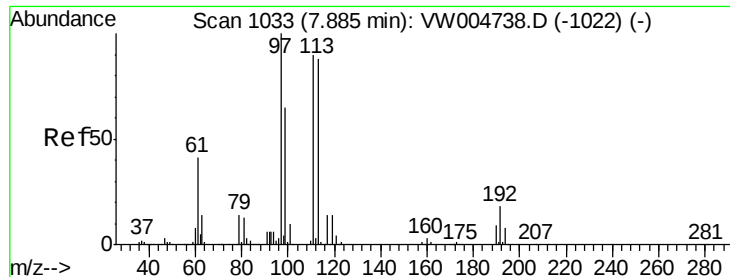
Tgt Ion: 65 Resp: 34027
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion: 114 Resp: 991125
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.6 0.0 30.0

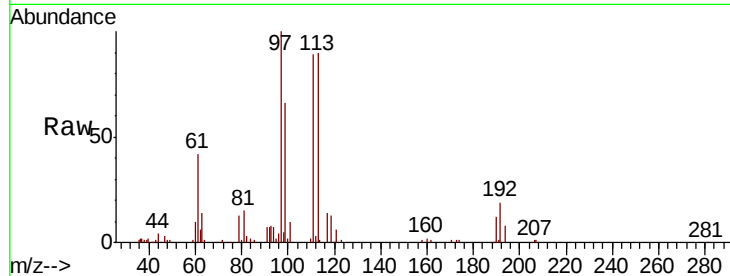




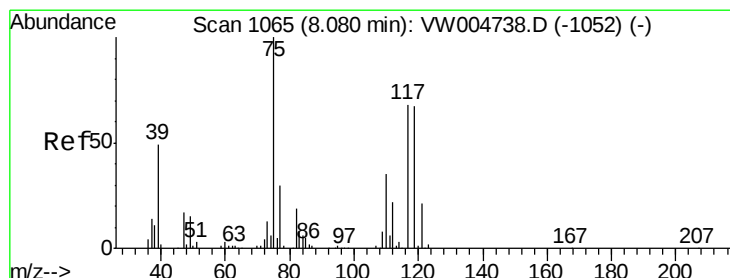
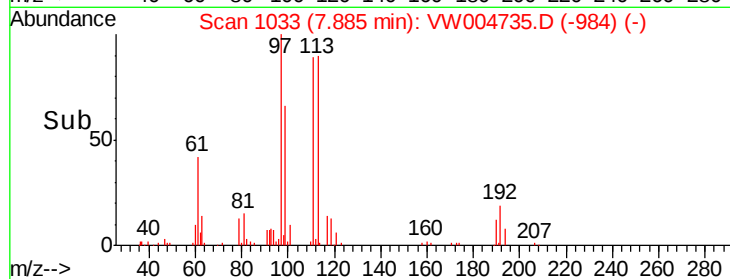
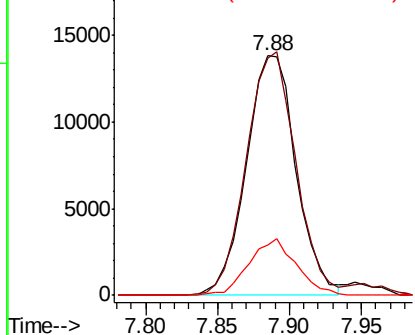
#35
 Dibromofluoromethane
 Concen: 5.219 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 33061
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.4 123.6
 192 22.4 16.7 25.1

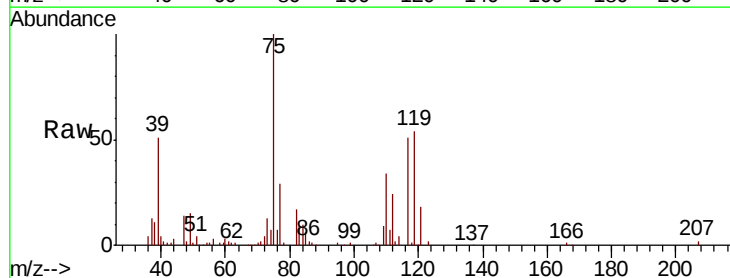


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

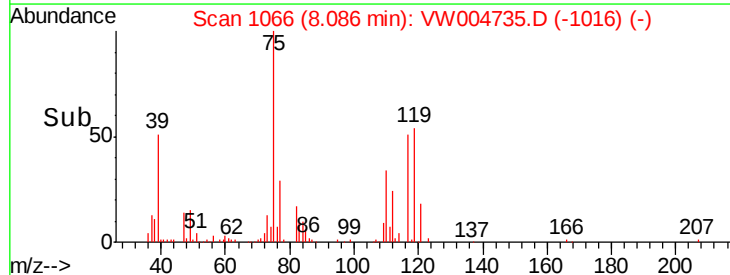
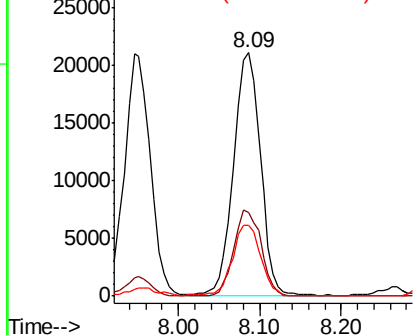


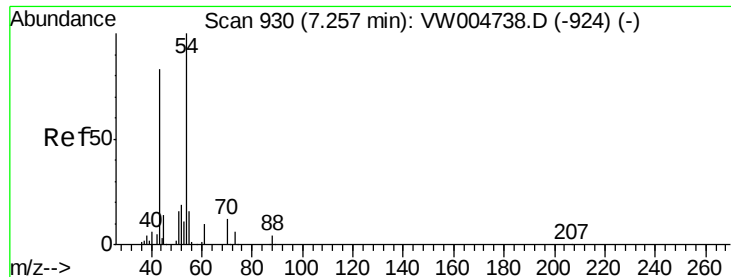
#36
 1,1-Dichloropropene
 Concen: 4.766 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion: 75 Resp: 48664
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.8 53.5
 77 30.4 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

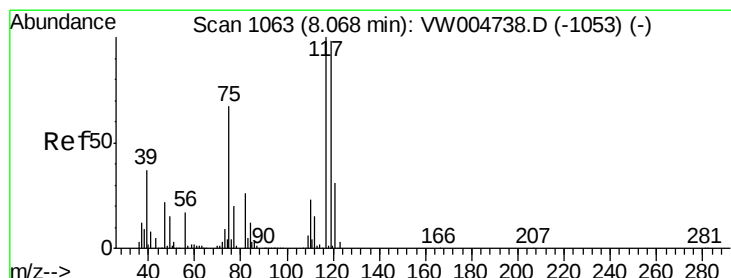
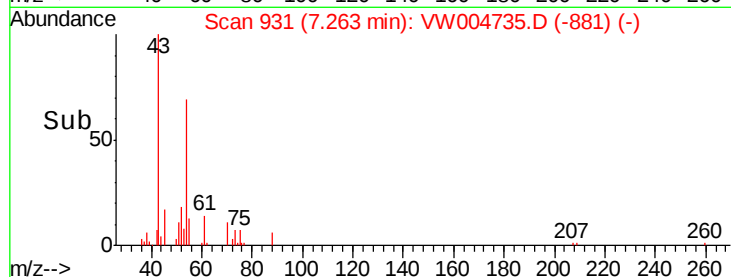
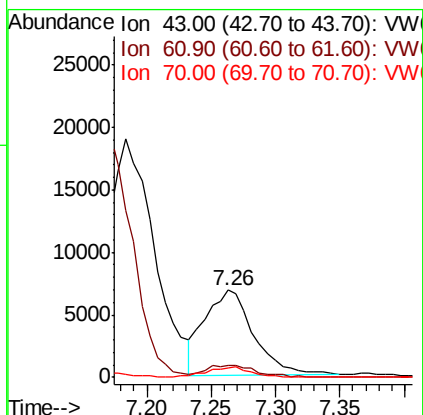
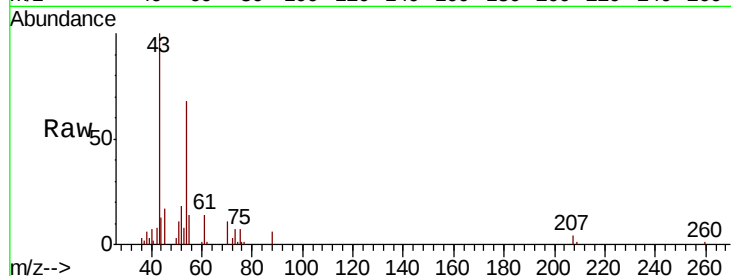




#37
 Ethyl Acetate
 Concen: 4.408 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

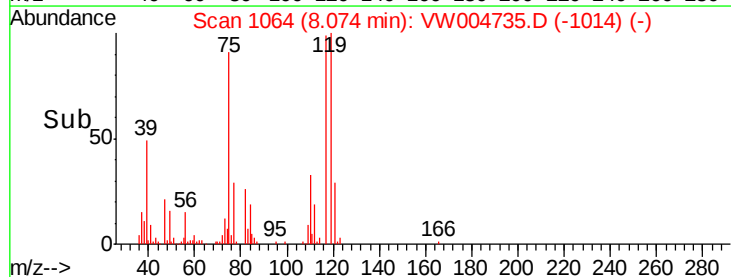
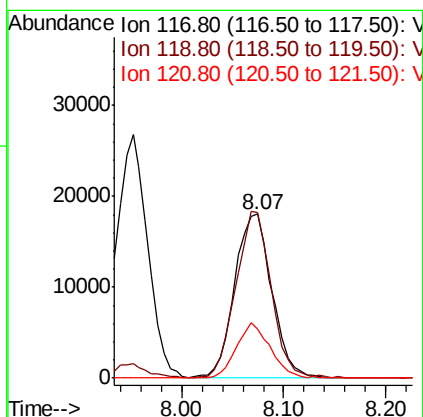
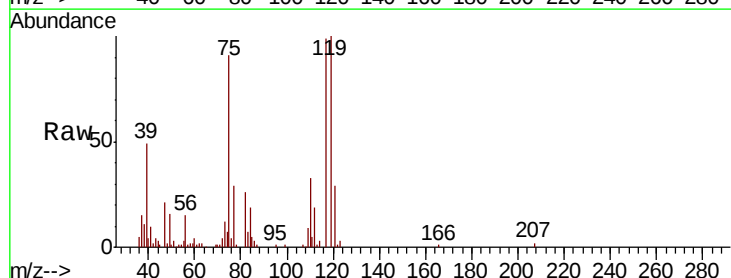
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

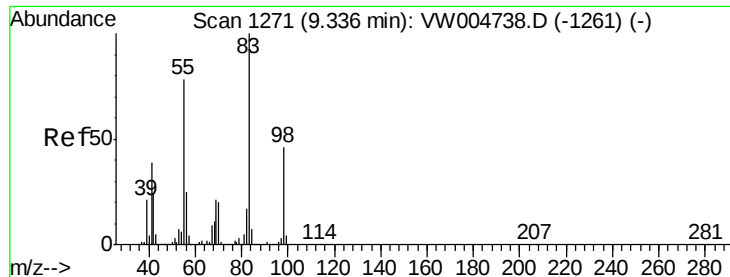
Tgt Ion: 43 Resp: 17943
 Ion Ratio Lower Upper
 43 100
 61 15.0 11.6 17.4
 70 11.1 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 4.871 ug/l
 RT: 8.07 min Scan# 1064
 Delta R.T. 0.01 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion: 117 Resp: 45785
 Ion Ratio Lower Upper
 117 100
 119 100.0 78.0 117.0
 121 29.6 24.8 37.2

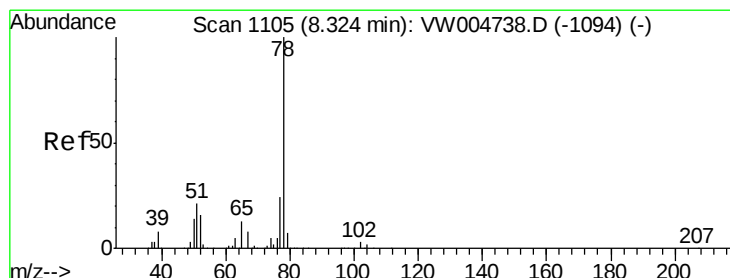
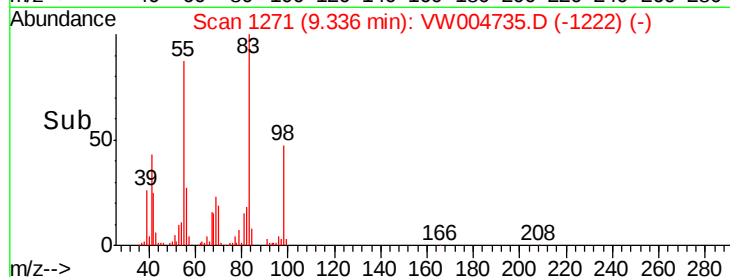
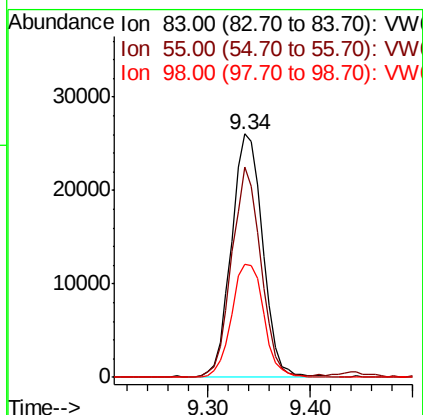
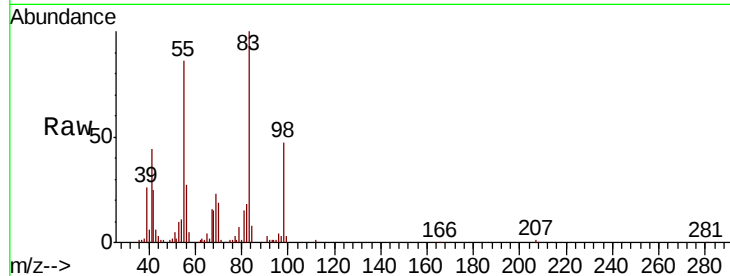




#39
Methylcyclohexane
Concen: 4.330 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

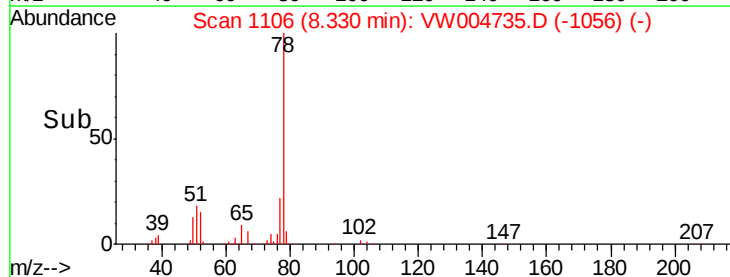
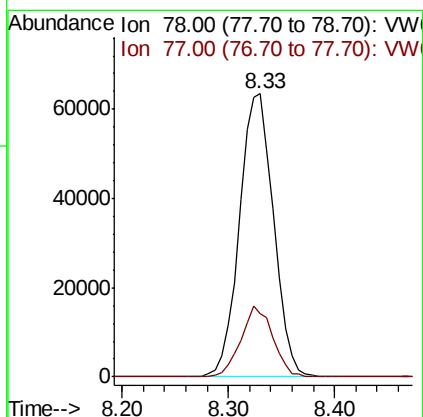
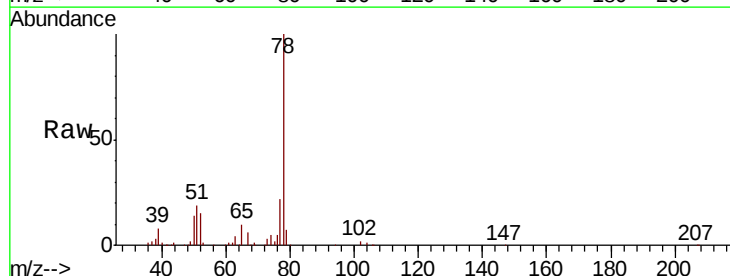
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

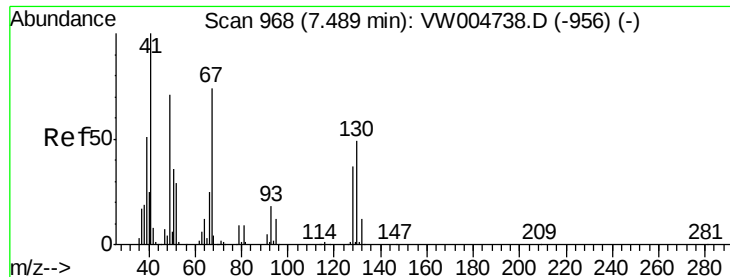
Tgt Ion: 83 Resp: 55290
Ion Ratio Lower Upper
83 100
55 86.5 62.4 93.6
98 46.7 36.5 54.7



#40
Benzene
Concen: 4.820 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion: 78 Resp: 143021
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6

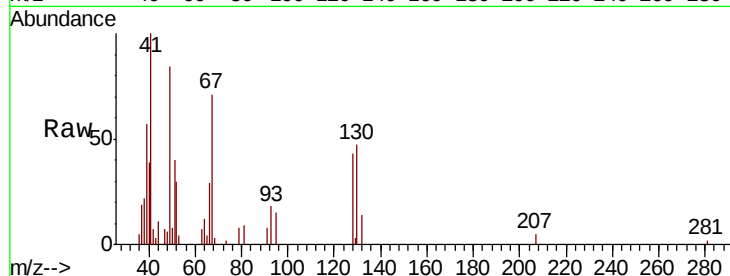




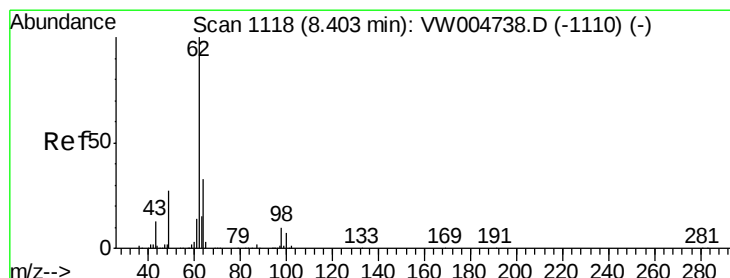
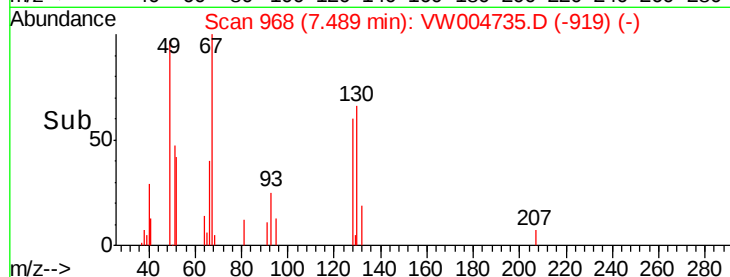
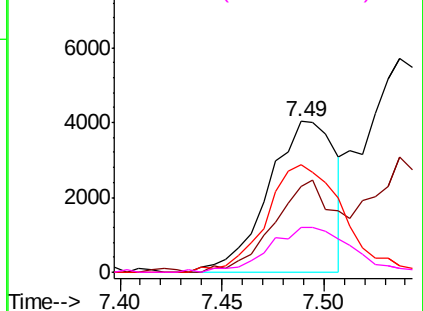
#41
Methacrylonitrile
Concen: 4.003 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	9246
Ion	Ratio	Lower	Upper
41	100		
39	58.5	41.0	61.4
67	81.6	59.5	89.3
52	36.8	23.6	35.4#

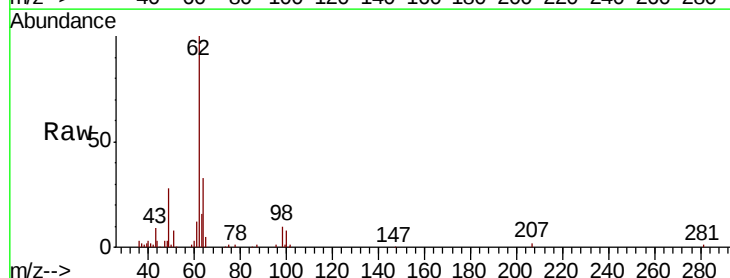


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

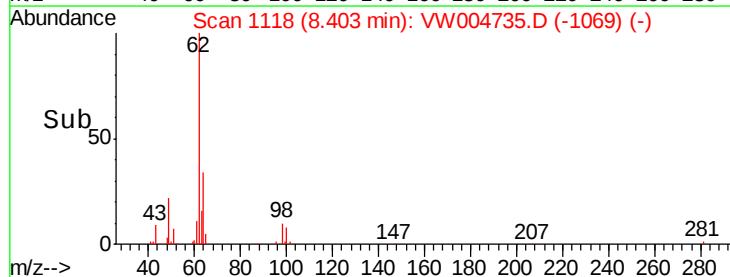
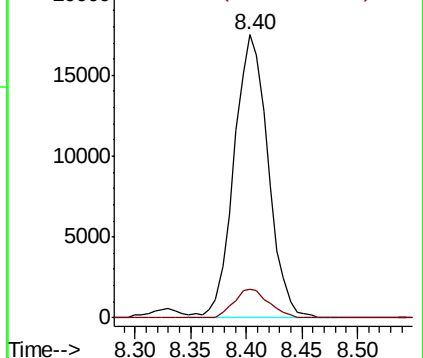


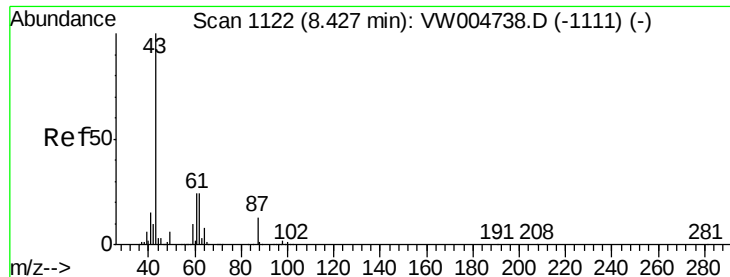
#42
1,2-Dichloroethane
Concen: 4.881 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion:	62	Resp:	37139
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 4.404 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

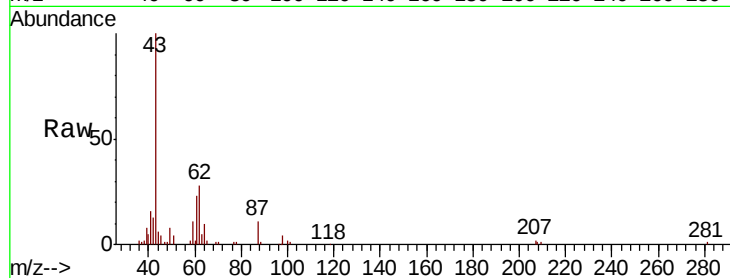
Tgt Ion: 43 Resp: 32198

Ion Ratio Lower Upper

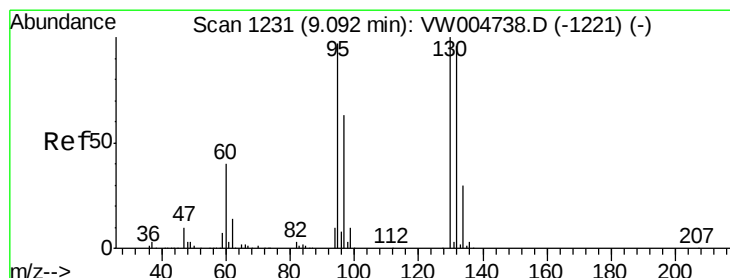
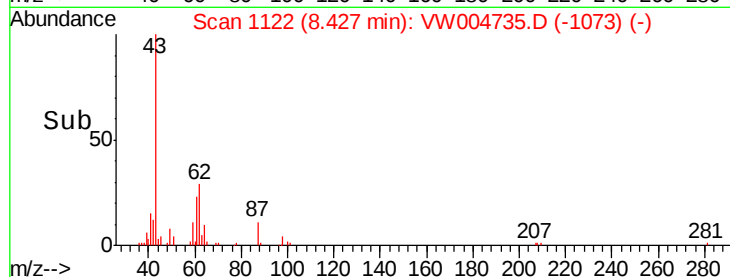
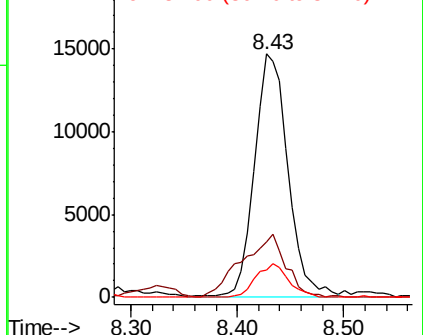
43 100

61 34.5 26.2 39.4

87 13.5 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.941 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004735.D

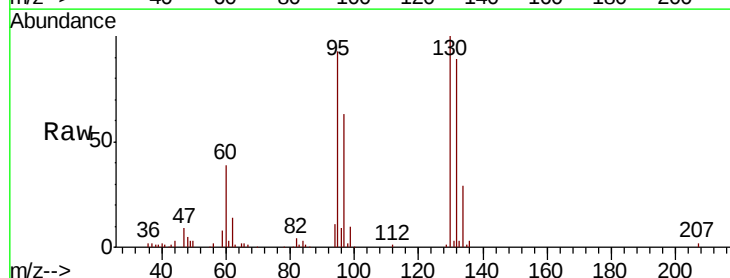
Acq: 17 Aug 2018 15:54

Tgt Ion: 130 Resp: 37218

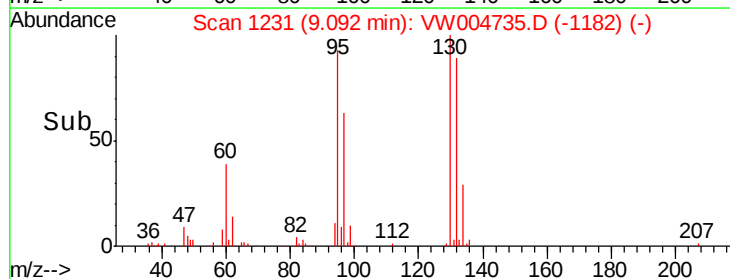
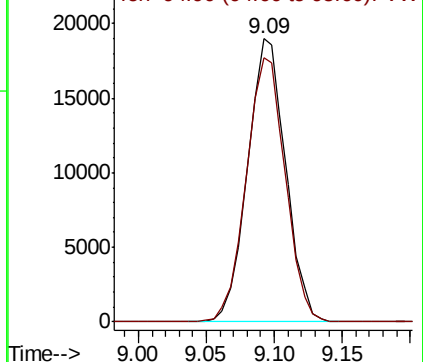
Ion Ratio Lower Upper

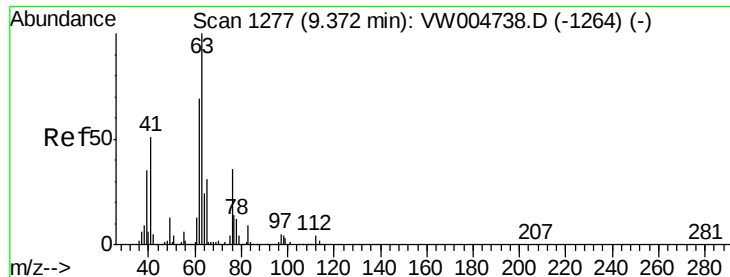
130 100

95 93.3 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

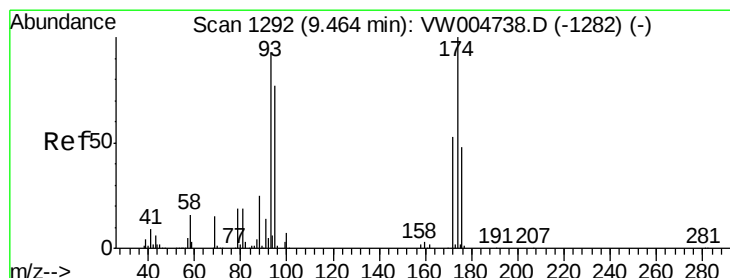
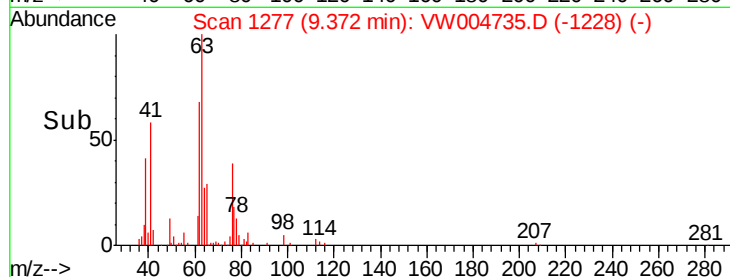
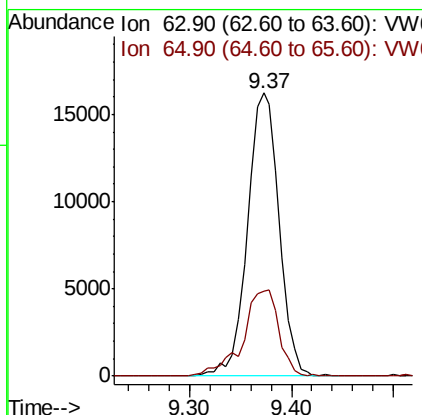
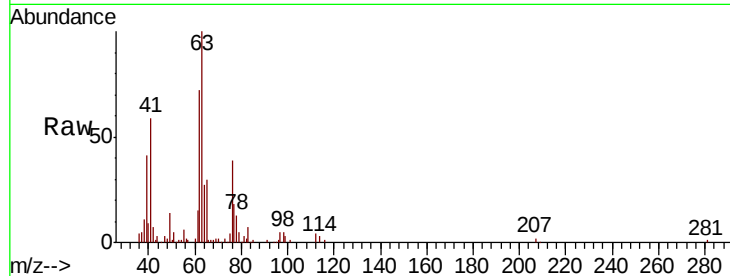




#45
 1,2-Dichloropropane
 Concen: 4.813 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

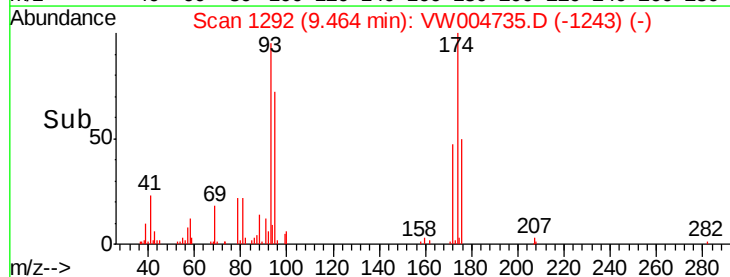
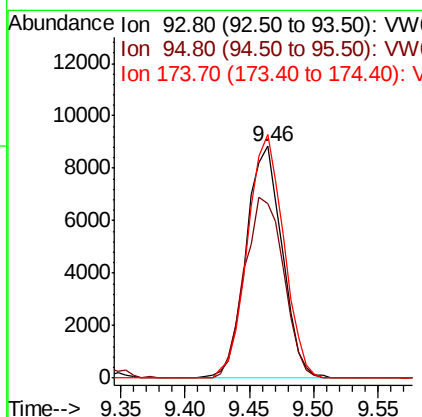
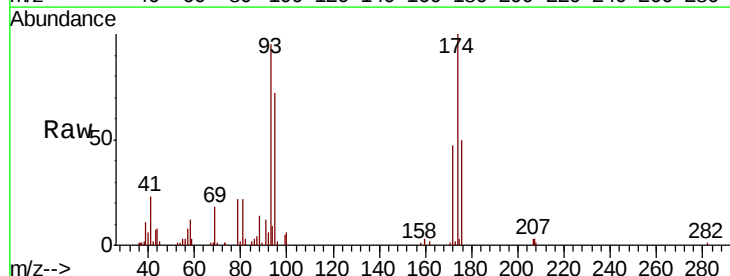
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

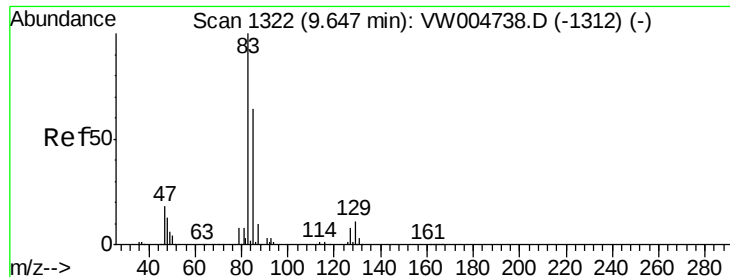
Tgt Ion: 63 Resp: 34937
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 37.0



#46
 Dibromomethane
 Concen: 4.744 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion: 93 Resp: 17057
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.6 99.8
 174 105.7 85.3 127.9





#47

Bromodichloromethane

Concen: 4.729 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

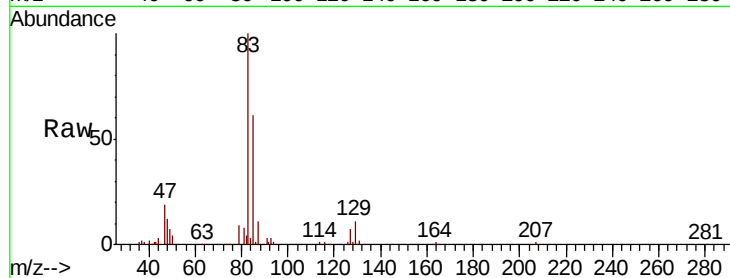
Tgt Ion: 83 Resp: 40611

Ion Ratio Lower Upper

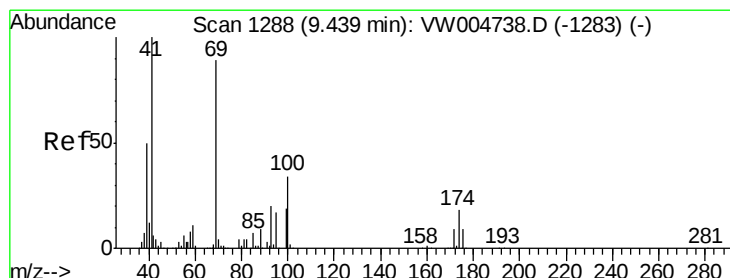
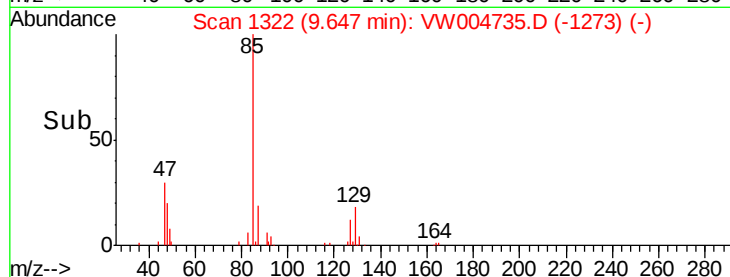
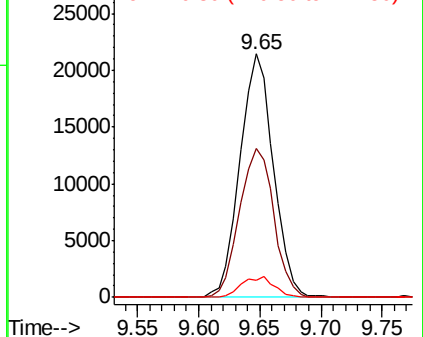
83 100

85 61.0 51.2 76.8

127 7.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.129 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

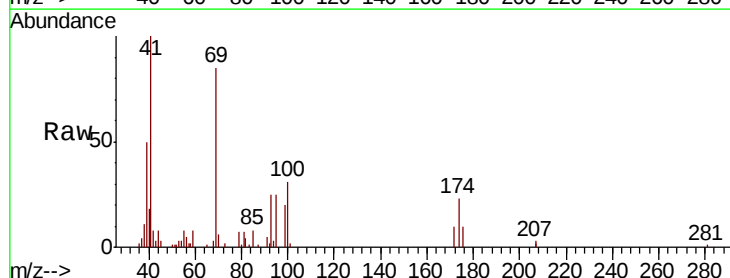
Tgt Ion: 41 Resp: 14164

Ion Ratio Lower Upper

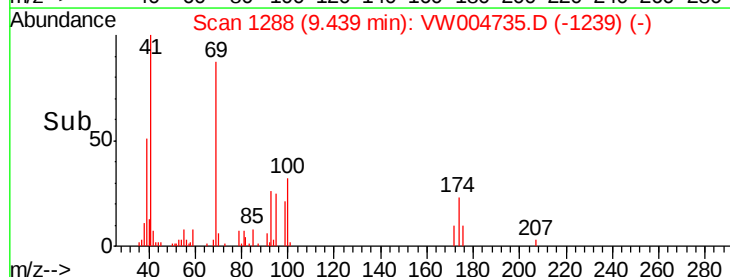
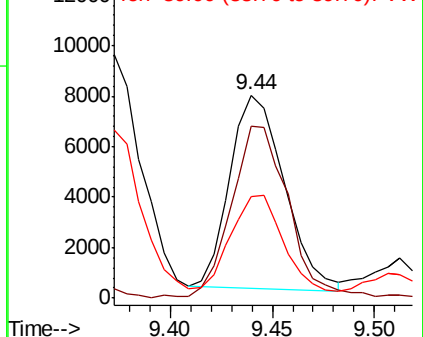
41 100

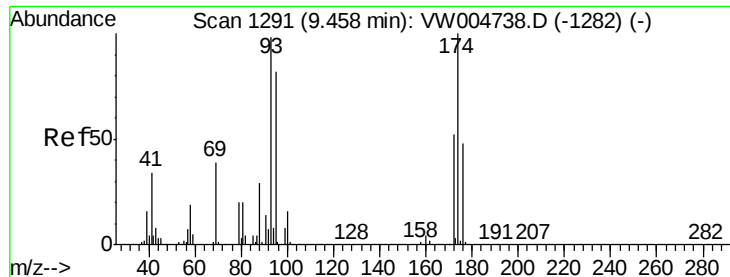
69 94.7 75.2 112.8

39 54.9 39.8 59.6



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 87.370 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. 0.02 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

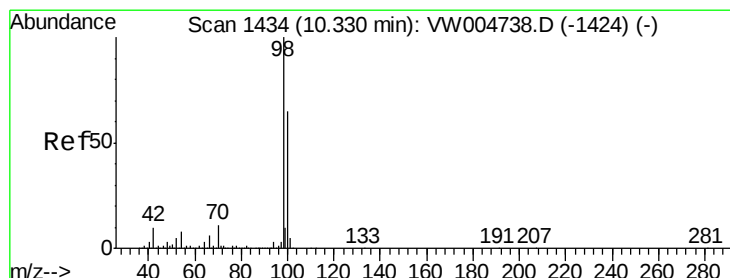
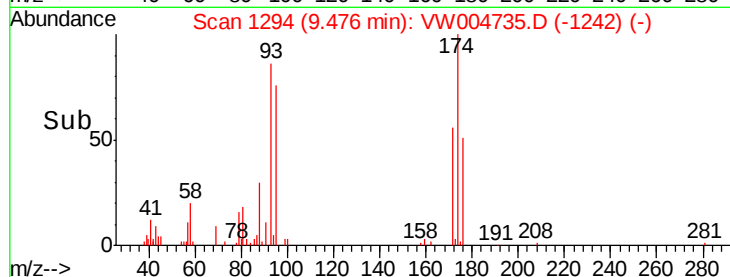
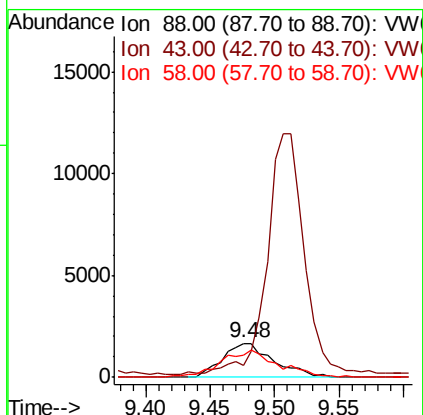
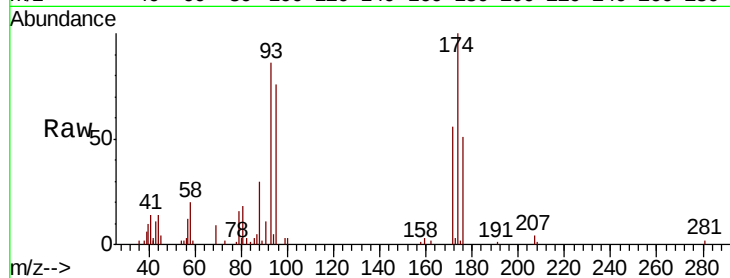
Tgt Ion: 88 Resp: 4590

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

58 89.4 60.0 90.0



#50

Toluene-d8

Concen: 5.008 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VW004735.D

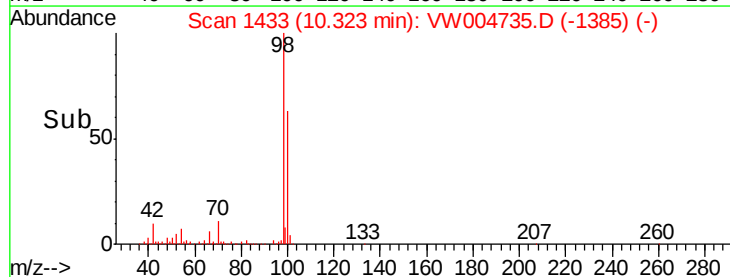
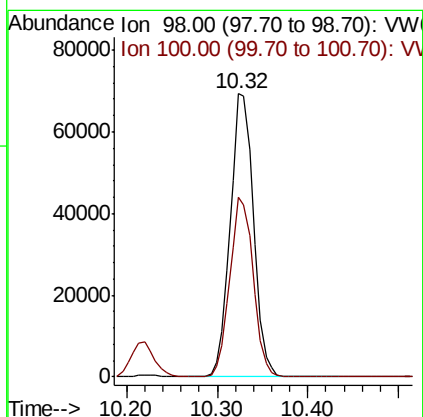
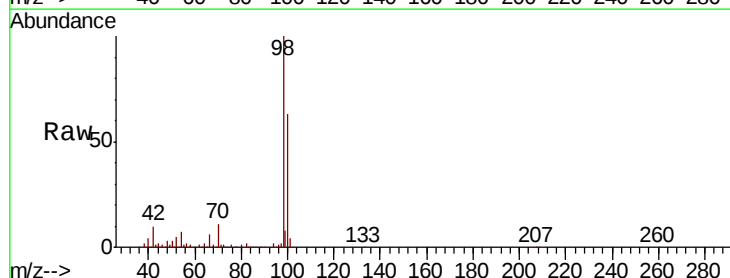
Acq: 17 Aug 2018 15:54

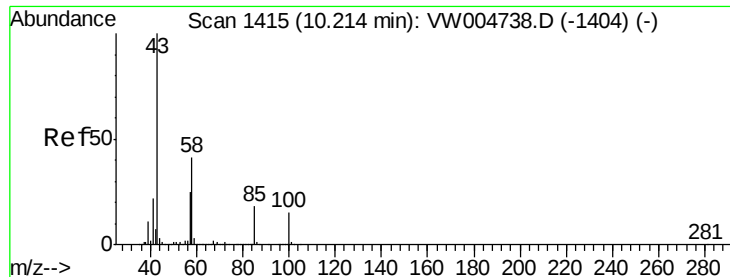
Tgt Ion: 98 Resp: 123840

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.8

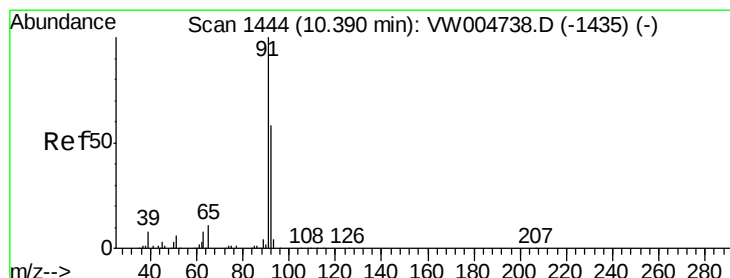
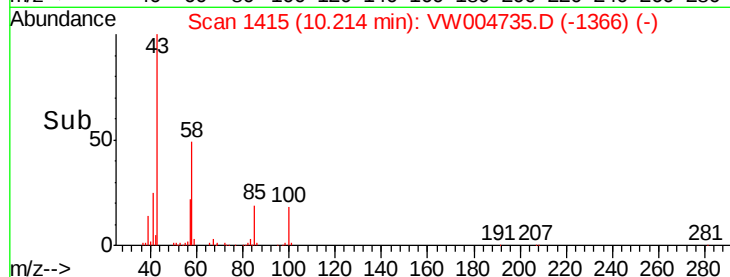
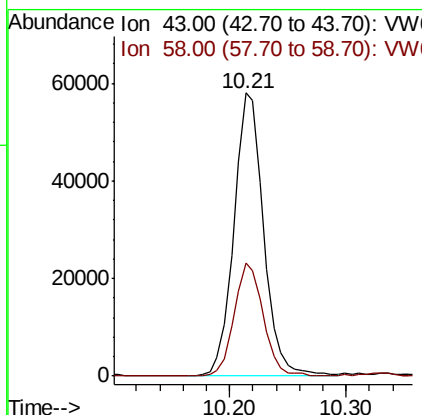
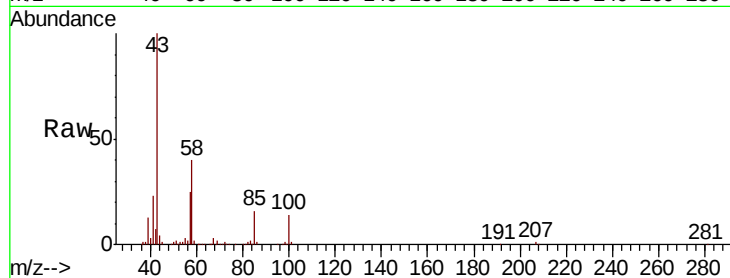




#51
 4-Methyl-2-Pentanone
 Concen: 20.722 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

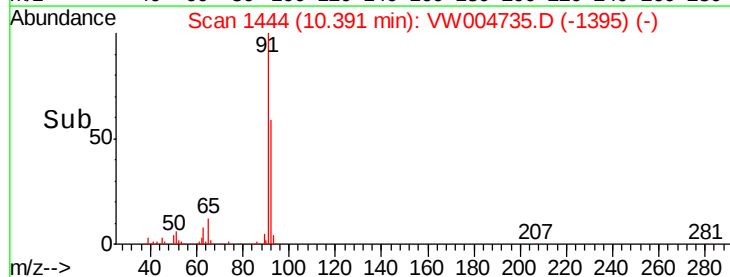
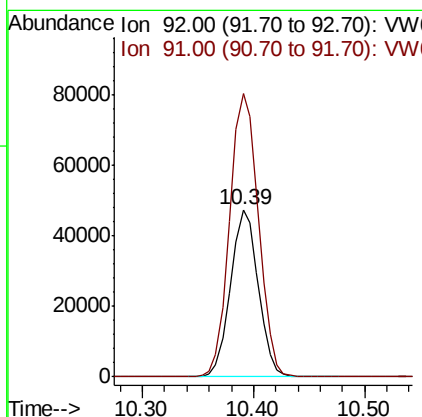
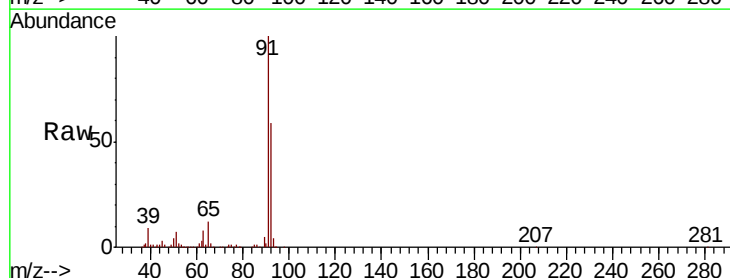
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

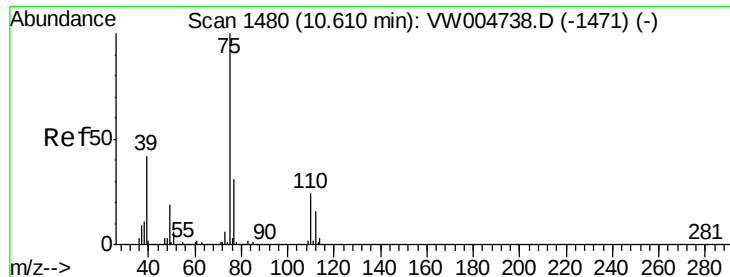
Tgt Ion: 43 Resp: 102389
 Ion Ratio Lower Upper
 43 100
 58 39.5 32.7 49.1



#52
 Toluene
 Concen: 4.585 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion: 92 Resp: 81595
 Ion Ratio Lower Upper
 92 100
 91 176.2 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 4.367 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

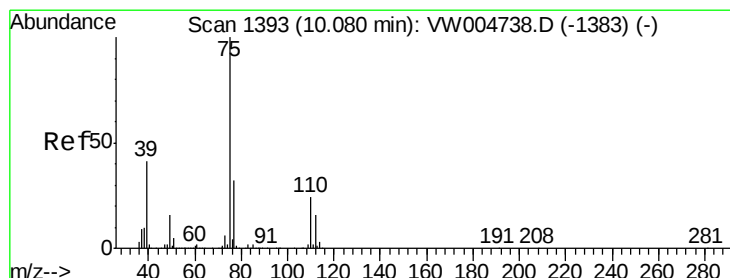
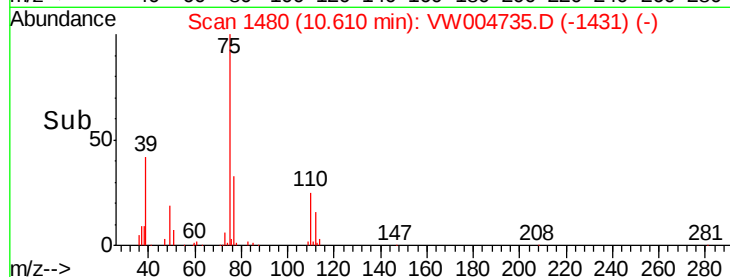
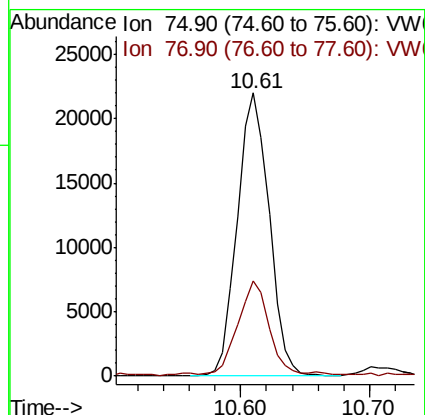
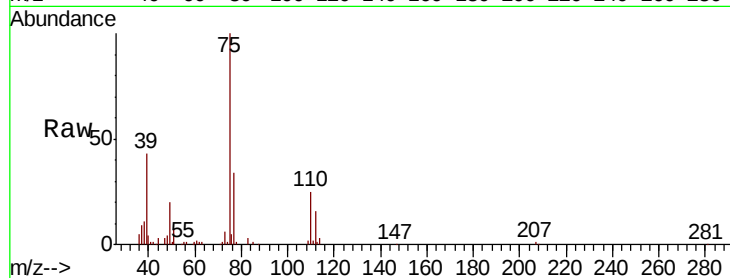
VSTDIC005

Tgt Ion: 75 Resp: 37782

Ion Ratio Lower Upper

75 100

77 32.8 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 4.431 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

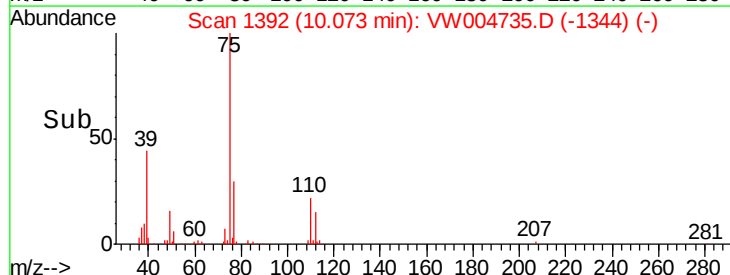
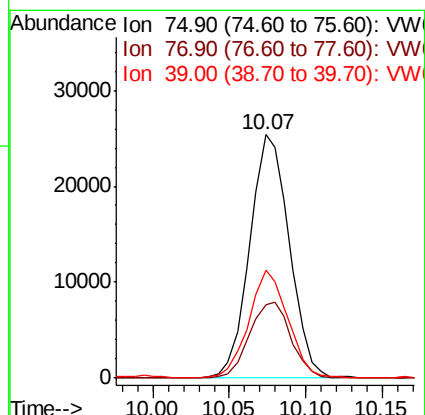
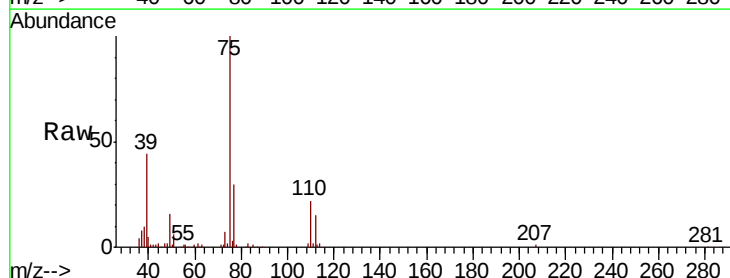
Tgt Ion: 75 Resp: 45709

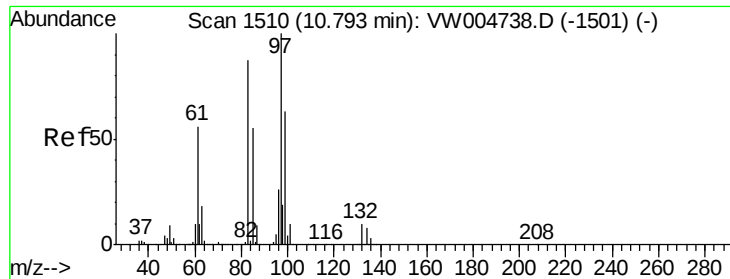
Ion Ratio Lower Upper

75 100

77 30.3 25.6 38.4

39 44.4 33.0 49.4

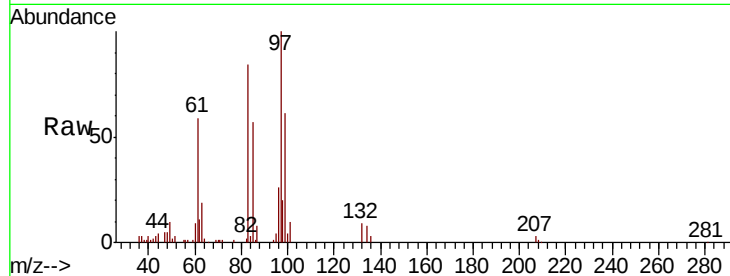




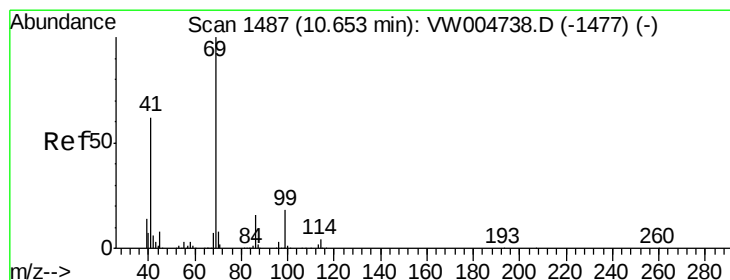
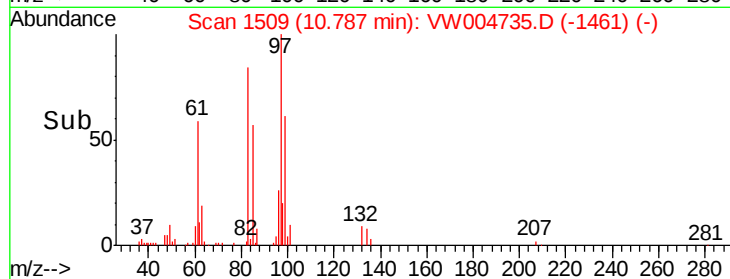
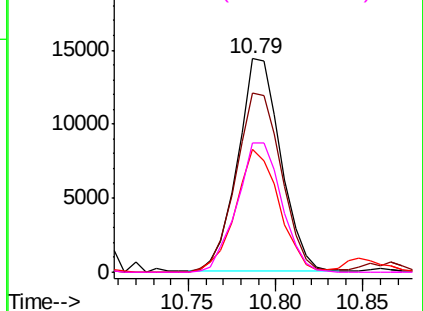
#55
 1,1,2-Trichloroethane
 Concen: 4.794 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	24503
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.4	104.2
85	57.8	44.3	66.5
99	61.2	50.2	75.2

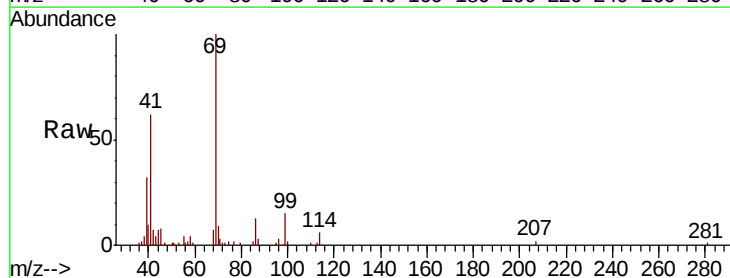


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

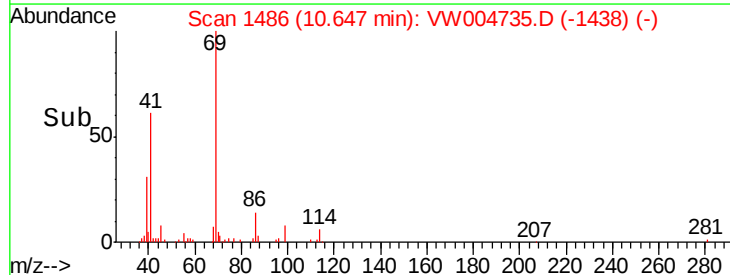
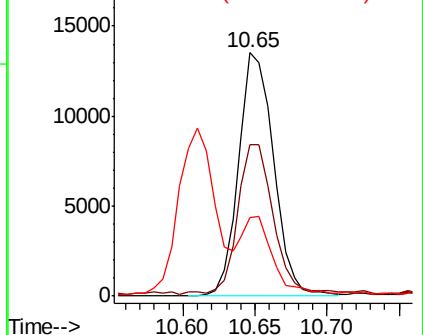


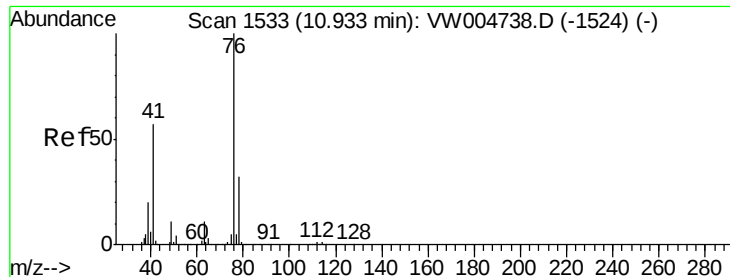
#56
 Ethyl methacrylate
 Concen: 3.799 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion:	69	Resp:	22940
Ion	Ratio	Lower	Upper
69	100		
41	64.0	50.7	76.1
39	27.8	21.4	32.2



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 4.674 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampled :

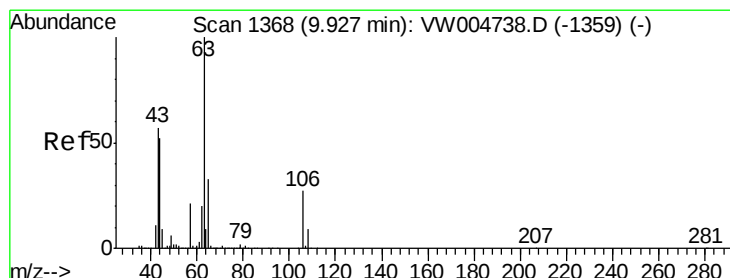
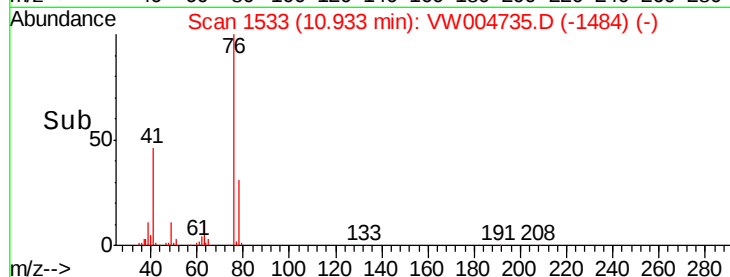
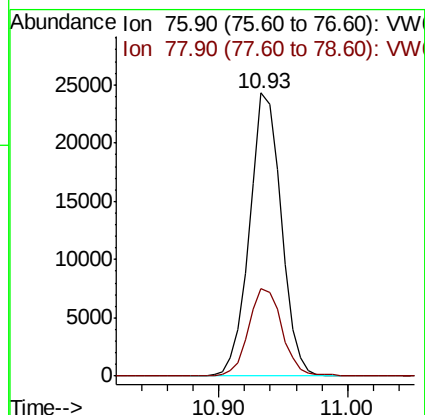
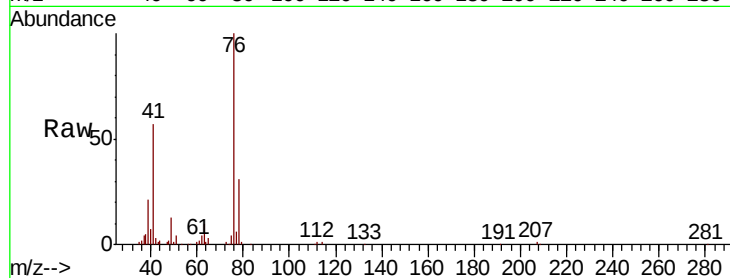
VSTDIC005

Tgt Ion: 76 Resp: 41239

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 18.824 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004735.D

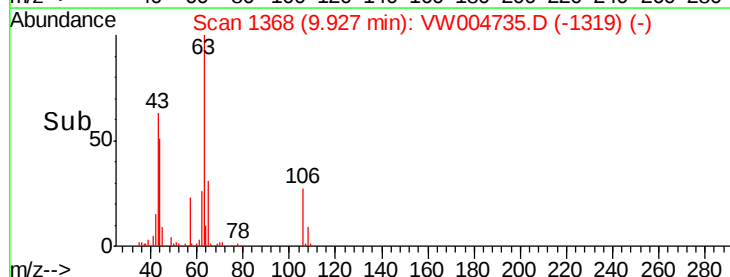
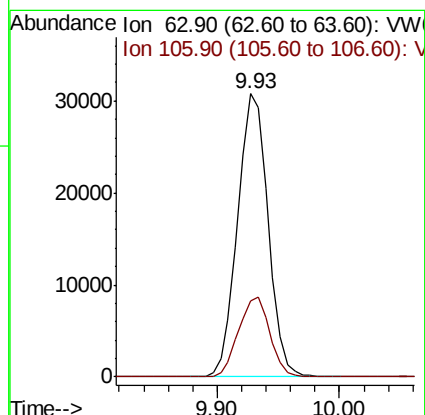
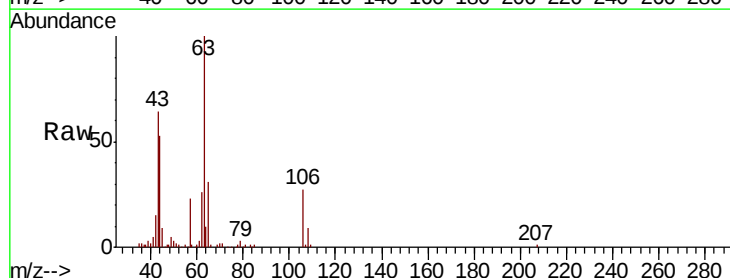
Acq: 17 Aug 2018 15:54

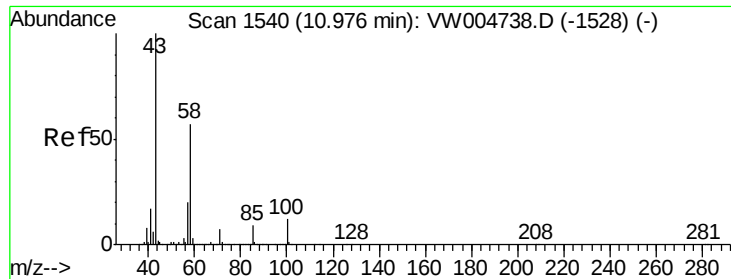
Tgt Ion: 63 Resp: 53138

Ion Ratio Lower Upper

63 100

106 28.9 22.1 33.1

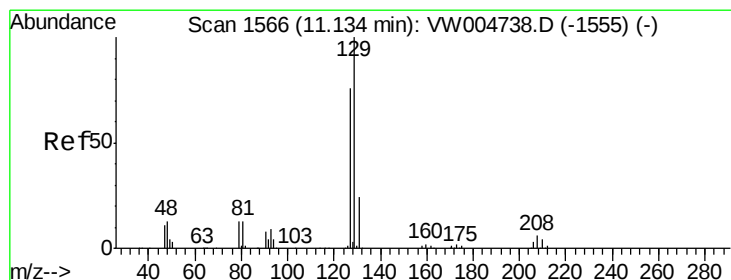
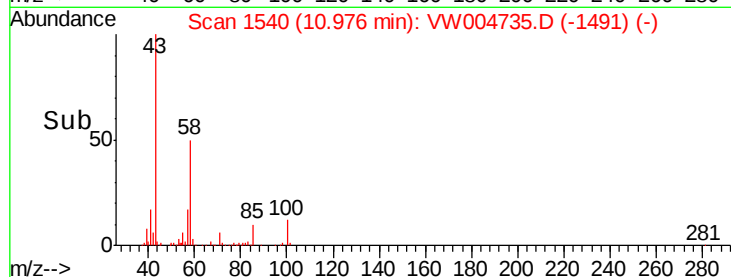
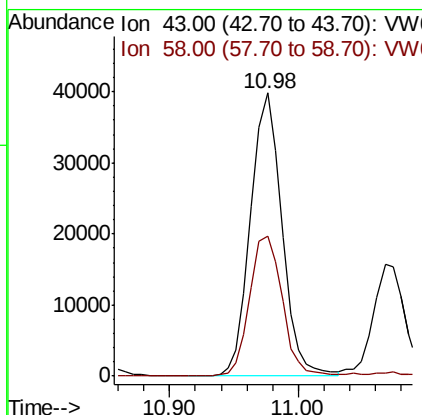
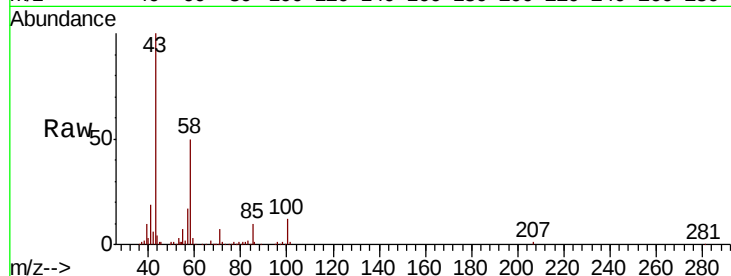




#59
2-Hexanone
Concen: 19.979 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

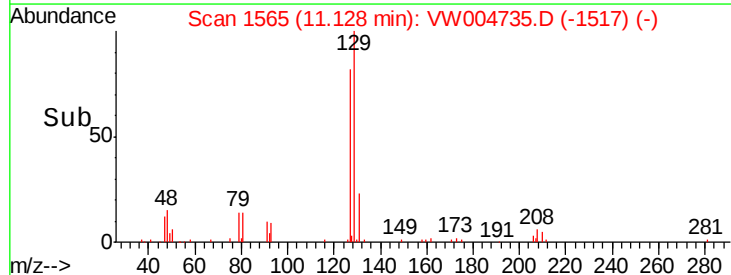
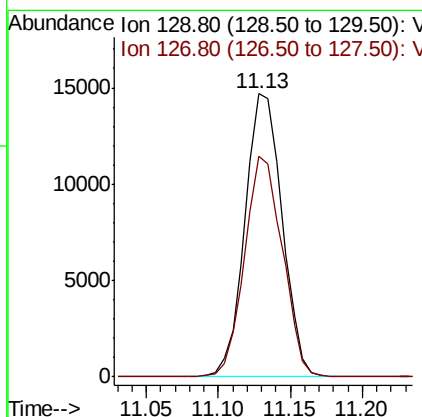
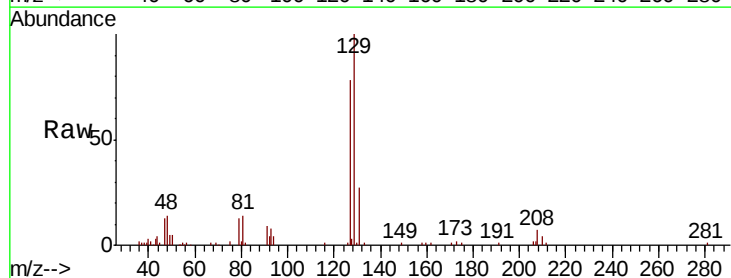
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

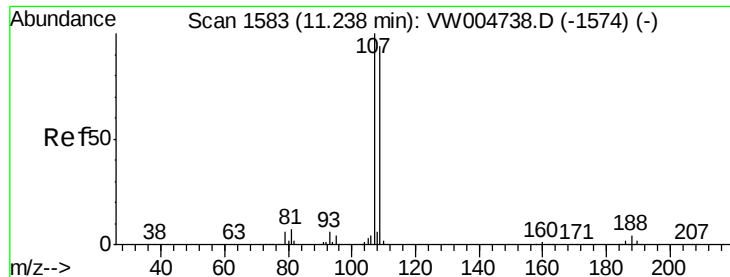
Tgt Ion: 43 Resp: 66886
Ion Ratio Lower Upper
43 100
58 51.6 28.1 84.4



#60
Dibromochloromethane
Concen: 4.578 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion: 129 Resp: 26254
Ion Ratio Lower Upper
129 100
127 79.3 38.5 115.5

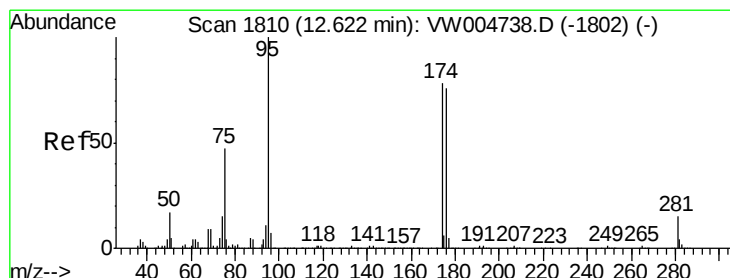
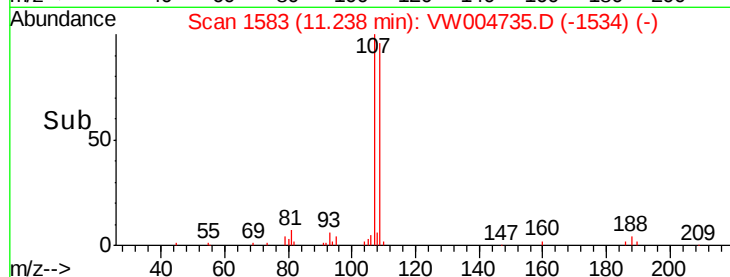
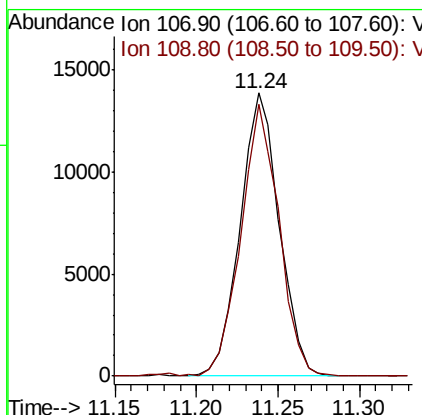
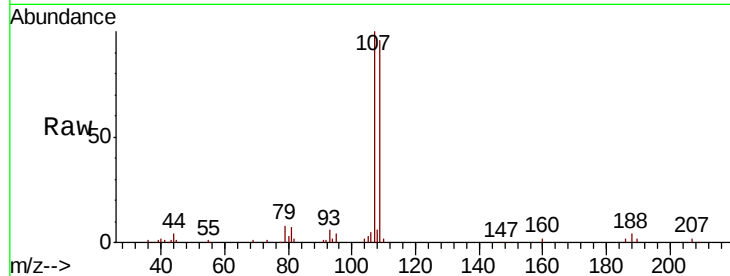




#61
 1,2-Dibromoethane
 Concen: 4.731 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

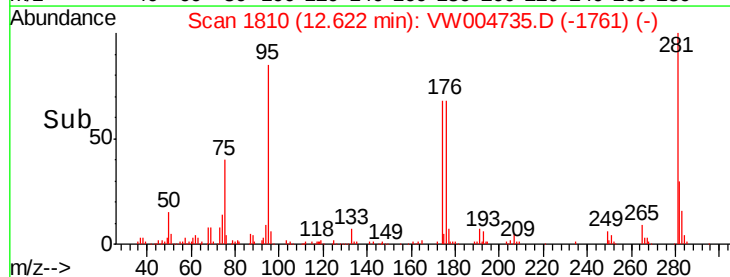
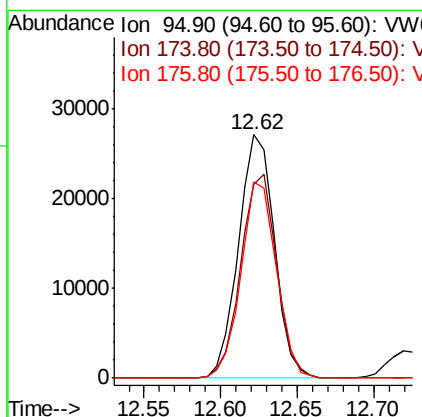
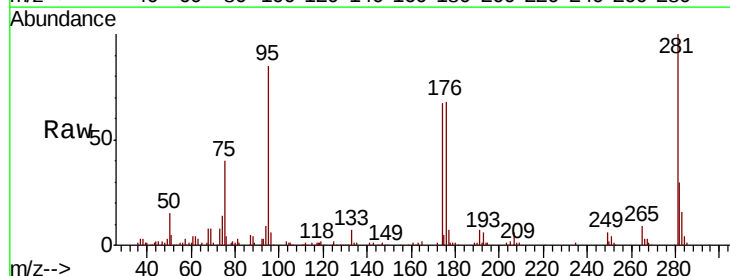
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

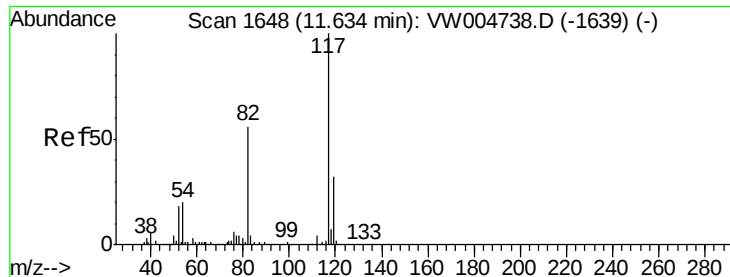
Tgt Ion: 107 Resp: 23115
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 4.976 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion: 95 Resp: 44263
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 165.8
 176 79.6 0.0 159.8

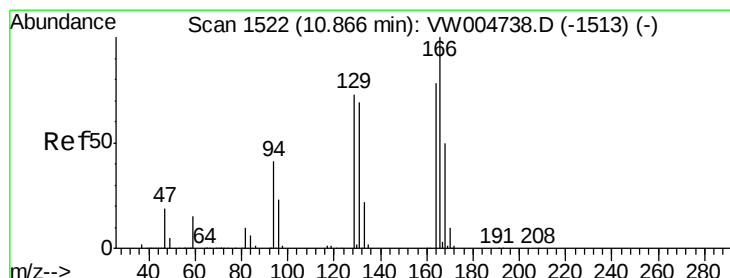
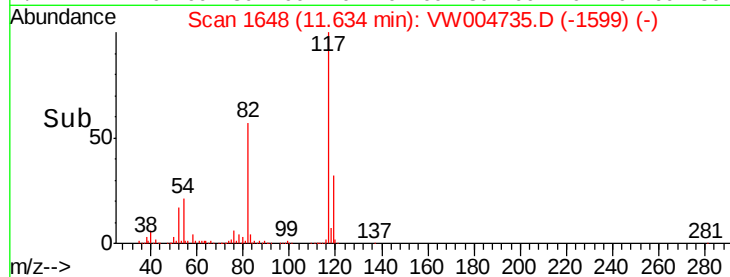
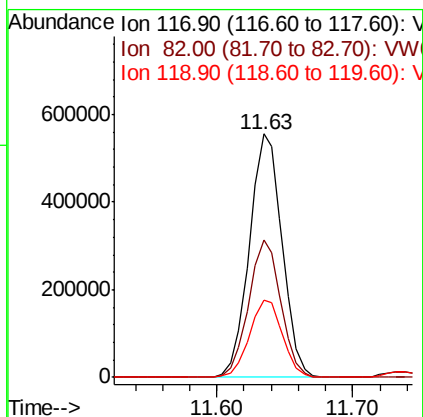
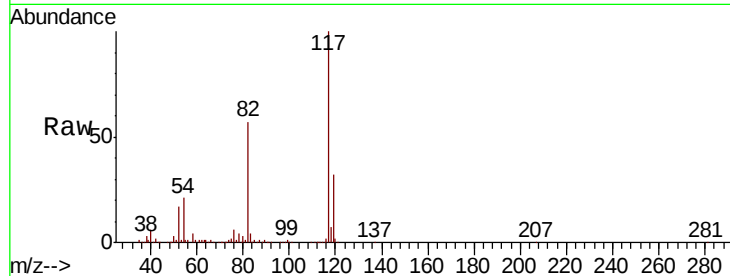




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

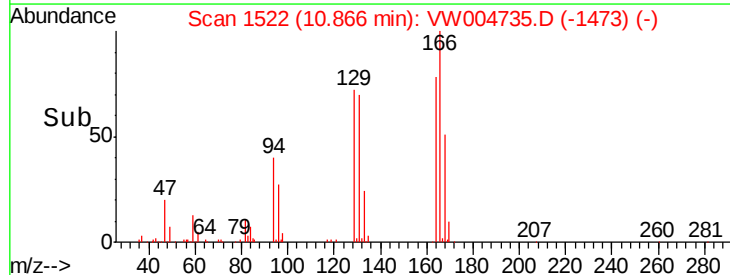
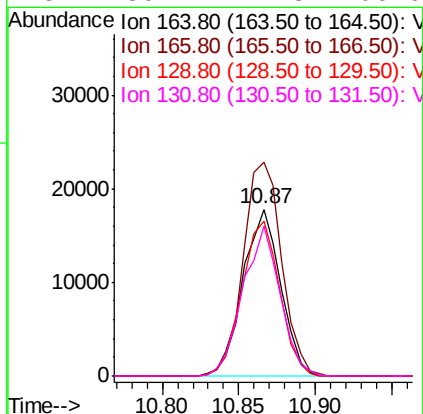
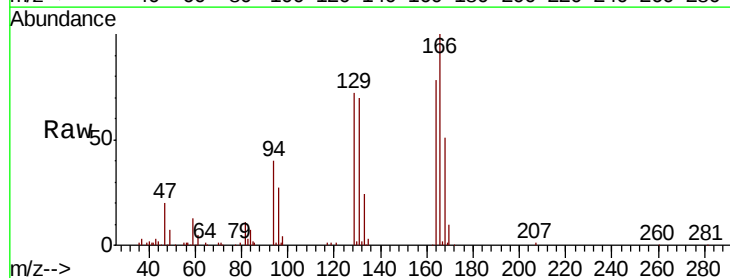
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

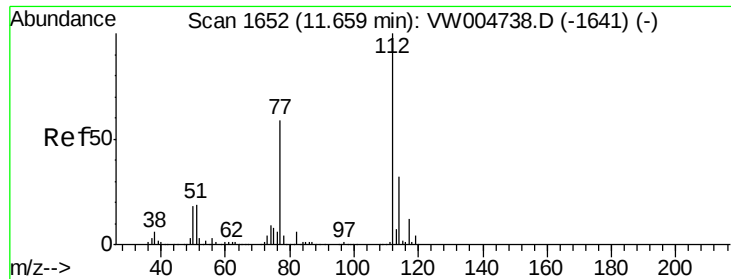
Tgt Ion:117 Resp: 937220
Ion Ratio Lower Upper
117 100
82 56.7 44.6 67.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 4.745 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion:164 Resp: 30394
Ion Ratio Lower Upper
164 100
166 128.3 102.5 153.7
129 92.7 75.1 112.7
131 89.7 71.3 106.9

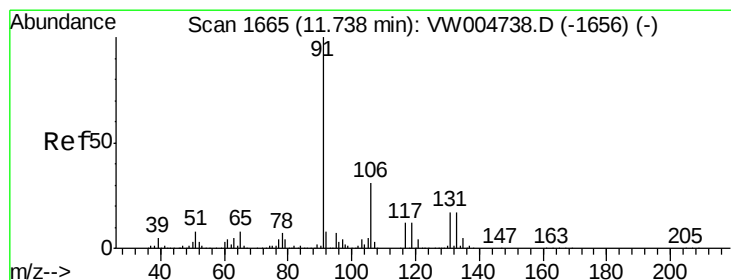
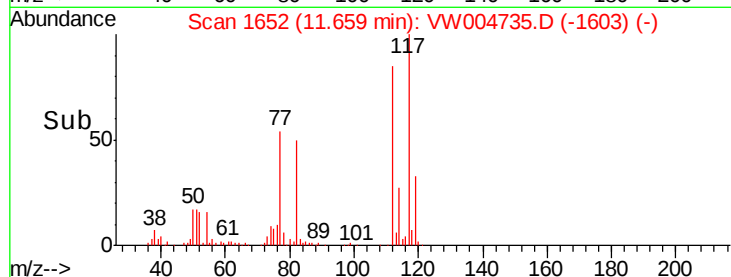
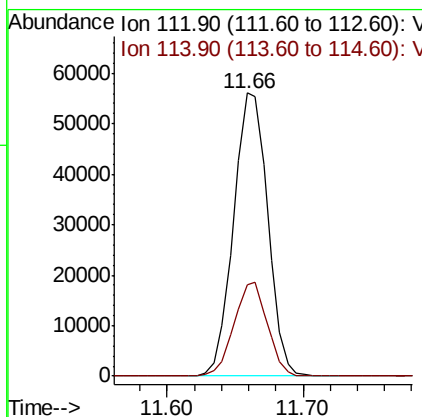
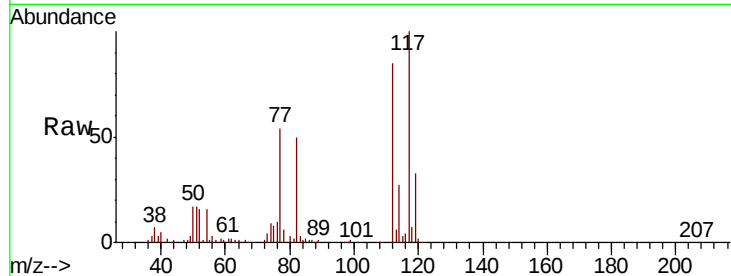




#65
Chlorobenzene
Concen: 4.874 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

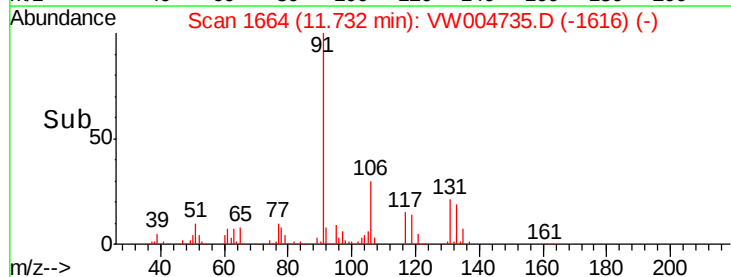
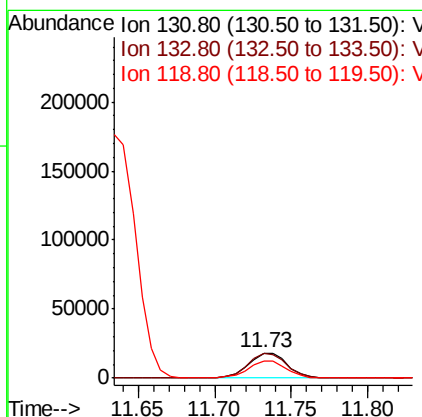
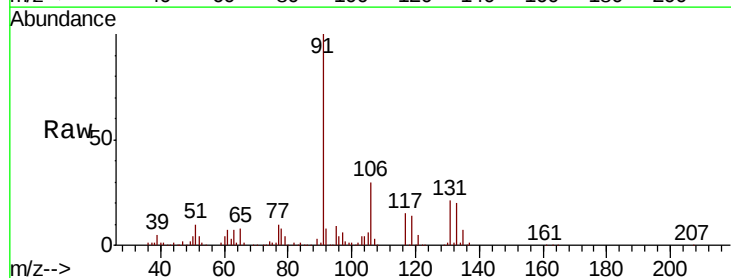
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

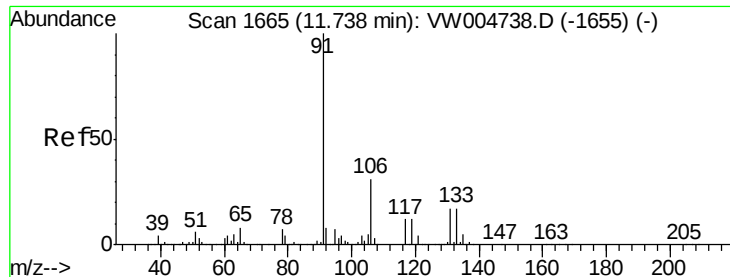
Tgt Ion:112 Resp: 98309
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.685 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion:131 Resp: 31909
Ion Ratio Lower Upper
131 100
133 97.8 48.2 144.6
119 66.7 34.0 102.0

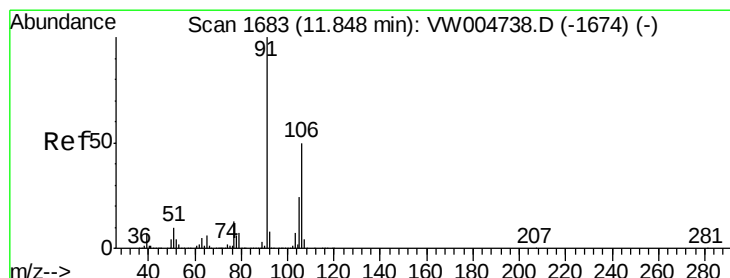
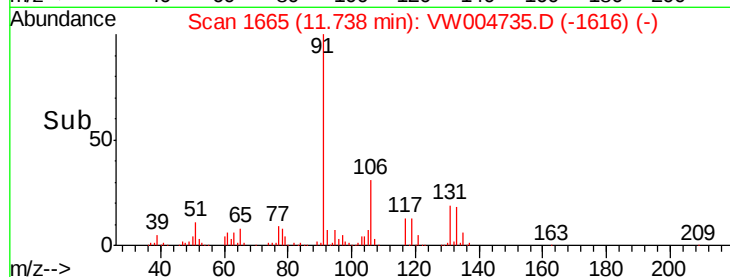
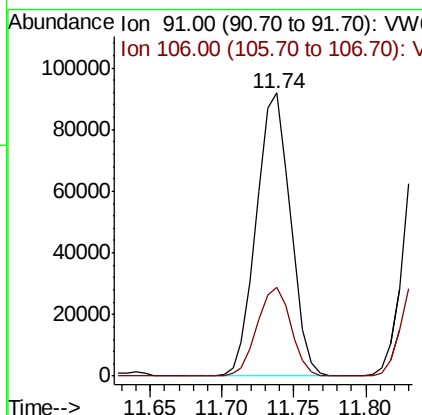
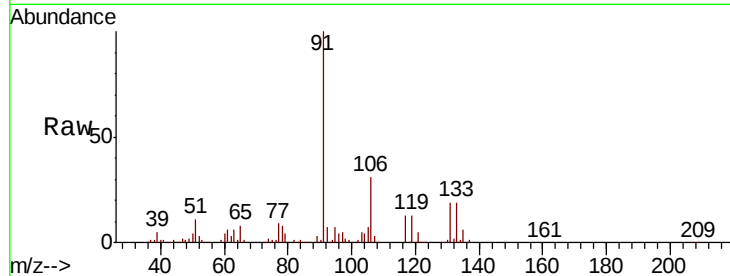




#67
Ethyl Benzene
Concen: 4.401 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

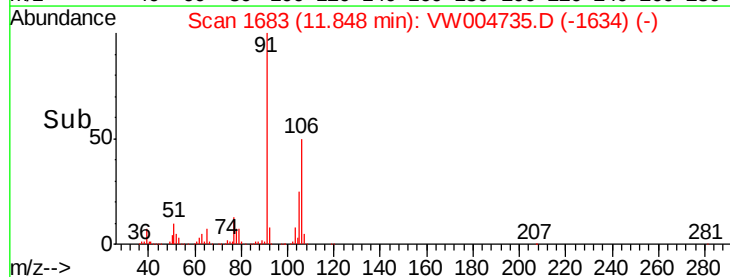
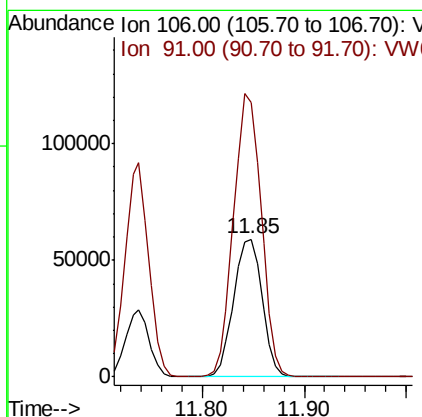
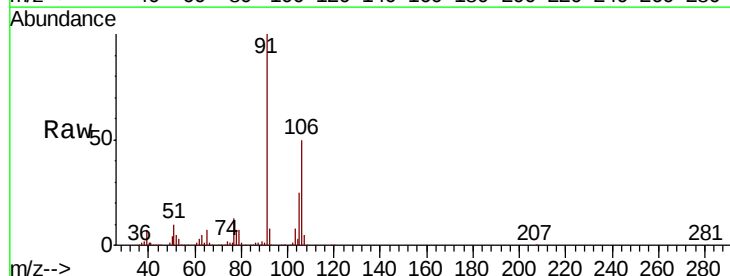
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

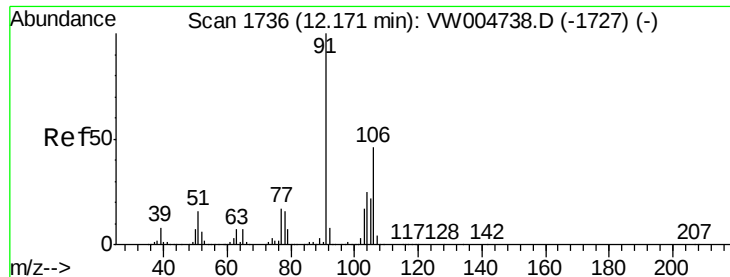
Tgt Ion: 91 Resp: 150497
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 8.585 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion: 106 Resp: 114220
Ion Ratio Lower Upper
106 100
91 199.7 159.9 239.9

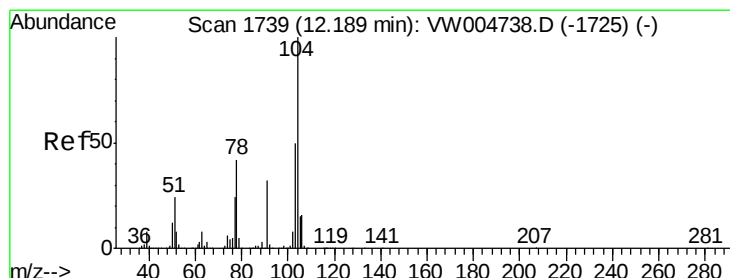
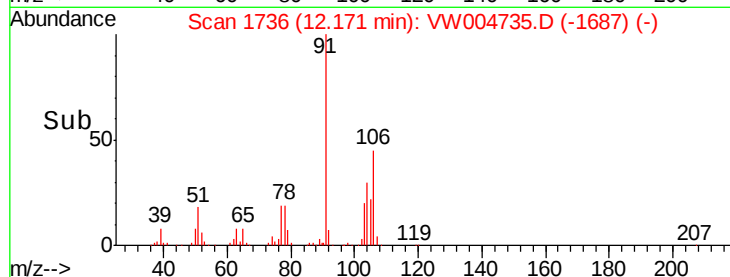
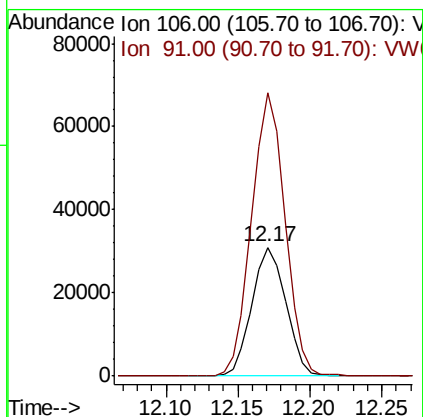
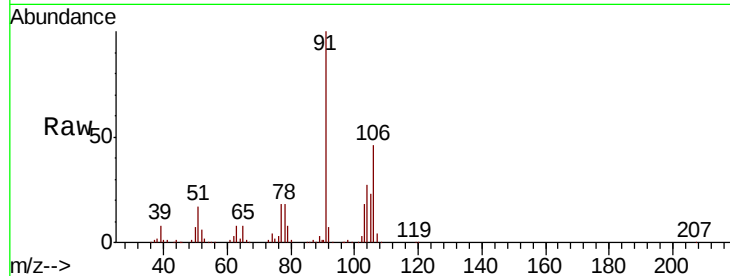




#69
o-Xylene
Concen: 4.119 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

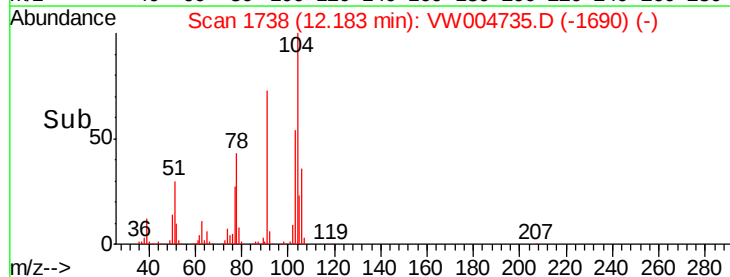
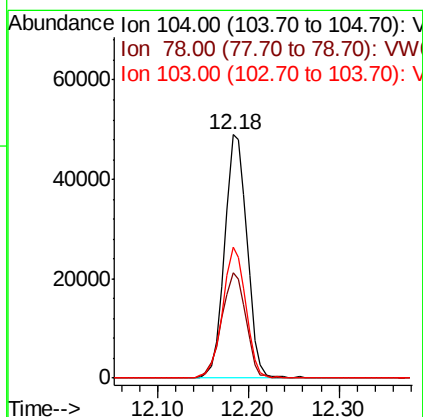
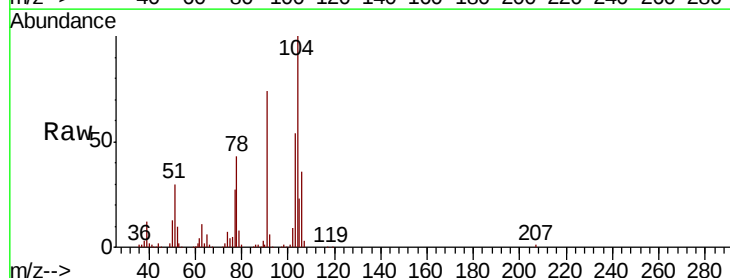
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

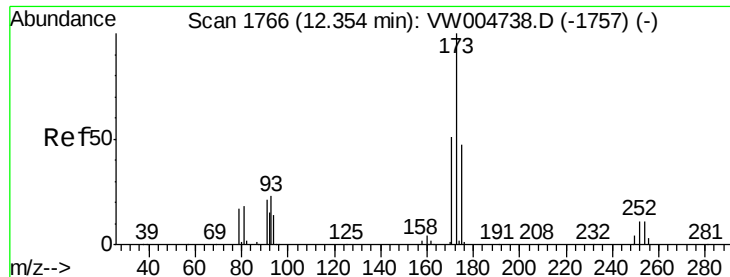
Tgt Ion:106 Resp: 50735
Ion Ratio Lower Upper
106 100
91 216.3 107.3 321.8



#70
Styrene
Concen: 4.072 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion:104 Resp: 84240
Ion Ratio Lower Upper
104 100
78 47.4 38.4 57.6
103 55.6 44.1 66.1





#71

Bromoform

Concen: 4.507 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

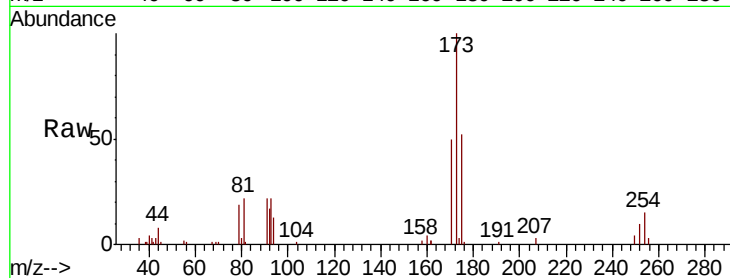
Tgt Ion:173 Resp: 16203

Ion Ratio Lower Upper

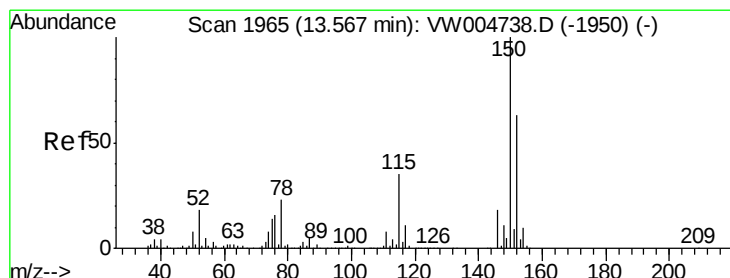
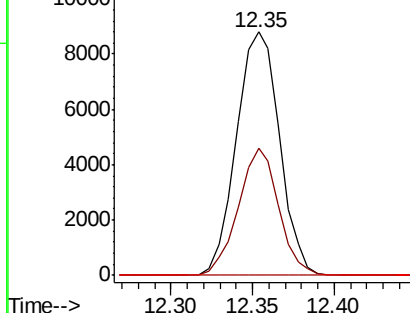
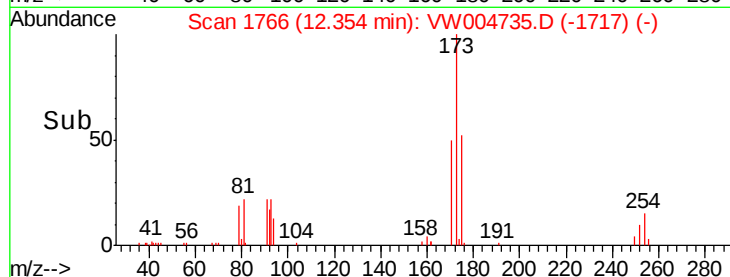
173 100

175 48.6 23.8 71.4

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

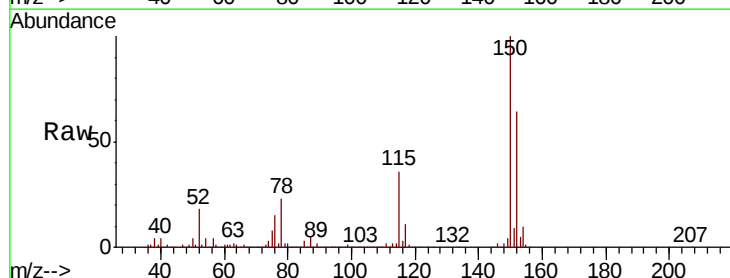
Tgt Ion:152 Resp: 506137

Ion Ratio Lower Upper

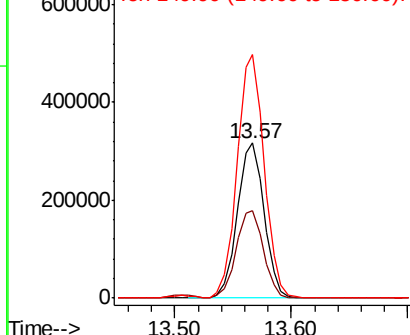
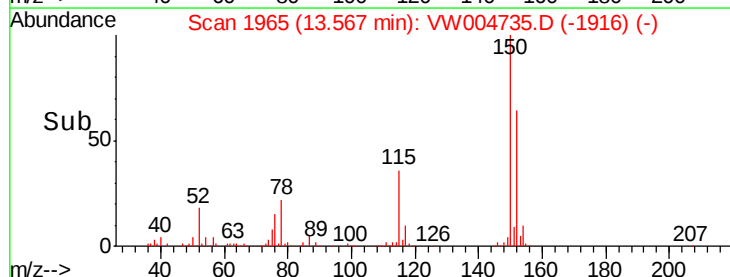
152 100

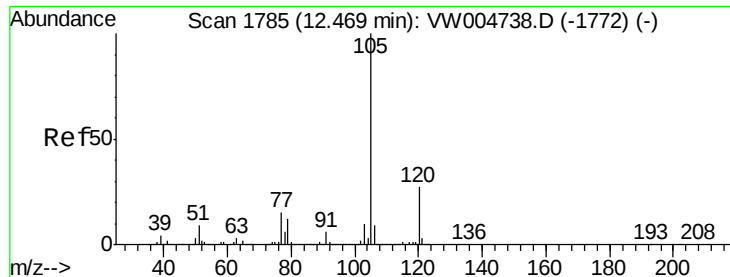
115 57.4 28.5 85.5

150 158.8 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.088 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

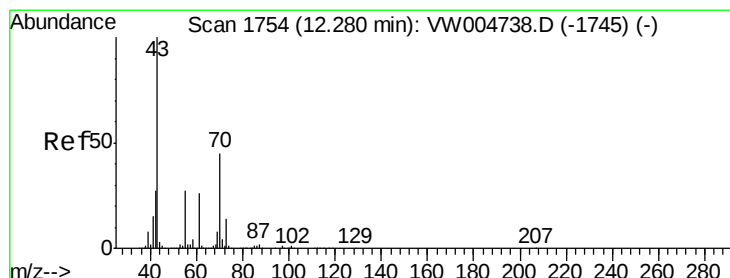
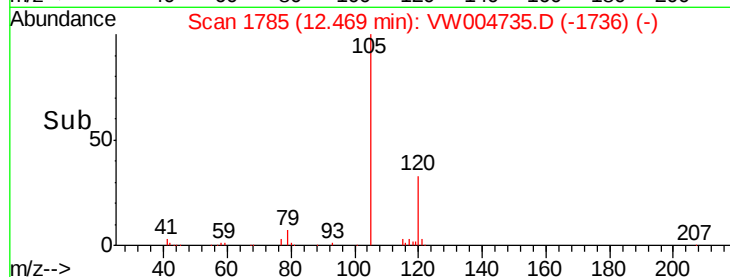
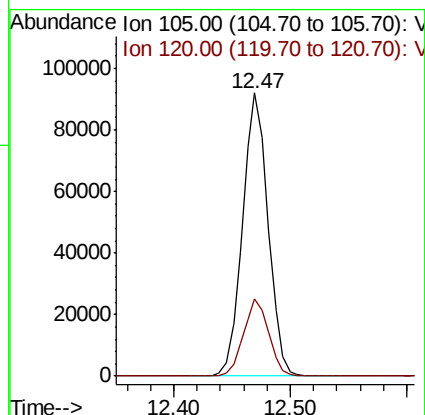
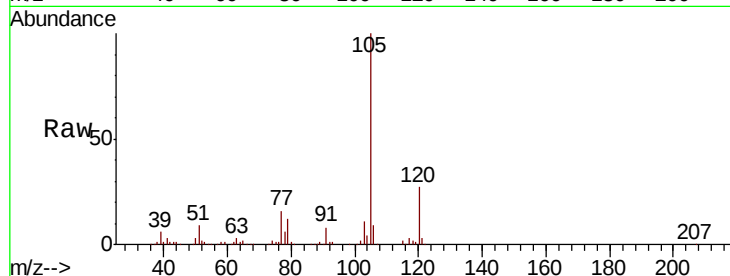
VSTDIC005

Tgt Ion: 105 Resp: 140758

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 3.862 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Tgt Ion: 43 Resp: 27879

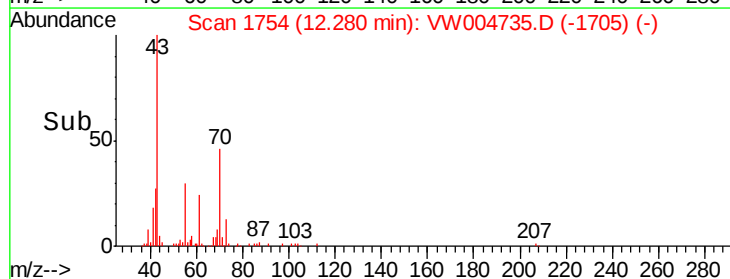
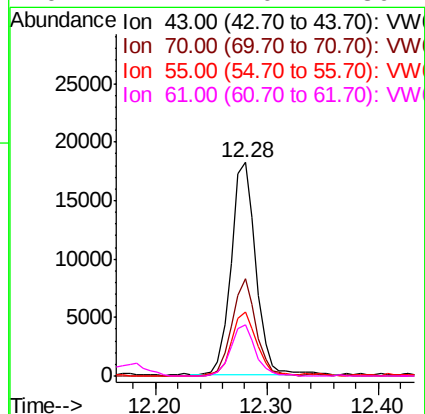
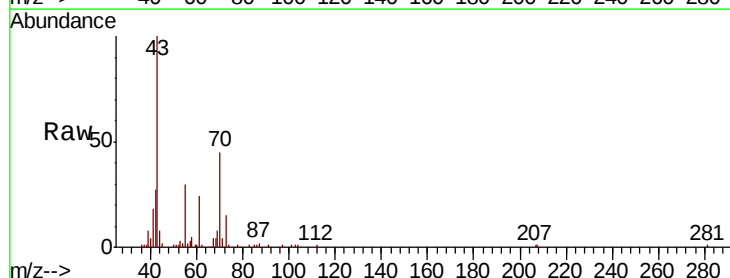
Ion Ratio Lower Upper

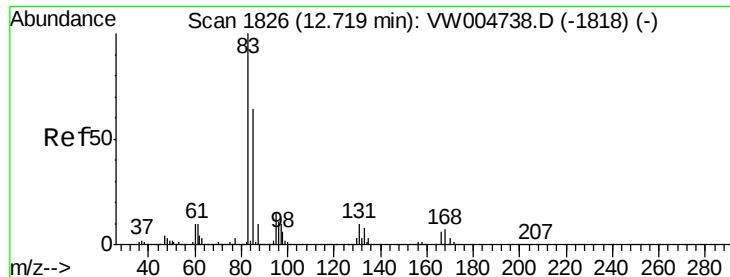
43 100

70 44.3 36.3 54.5

55 30.9 22.6 33.8

61 24.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 4.691 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

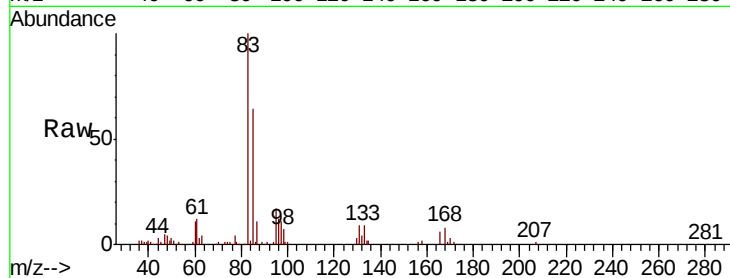
Tgt Ion: 83 Resp: 29924

Ion Ratio Lower Upper

83 100

131 11.0 5.3 15.8

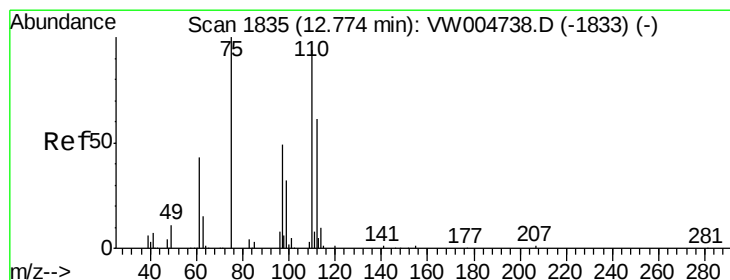
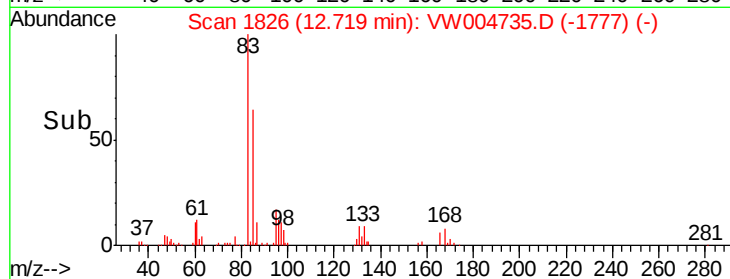
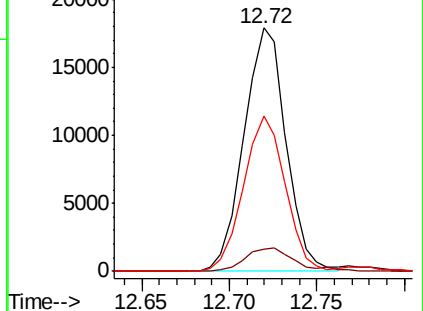
85 63.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 4.926 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004735.D

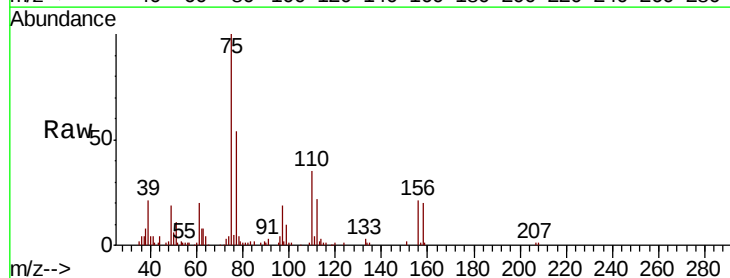
Acq: 17 Aug 2018 15:54

Tgt Ion: 75 Resp: 36930

Ion Ratio Lower Upper

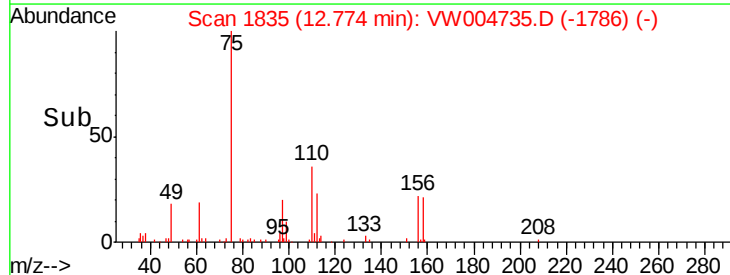
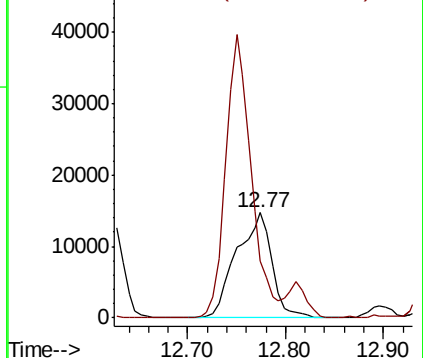
75 100

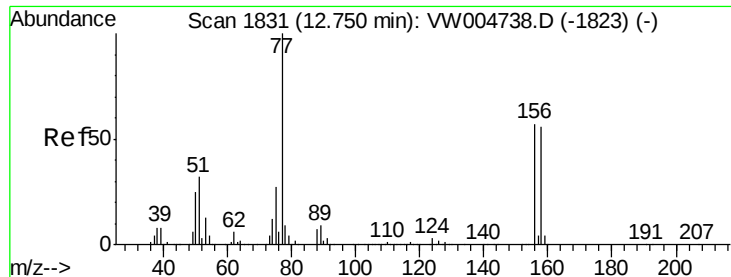
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

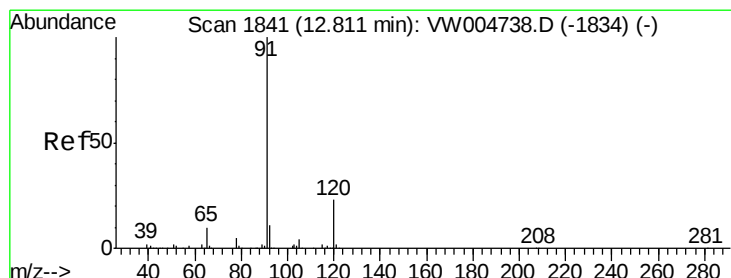
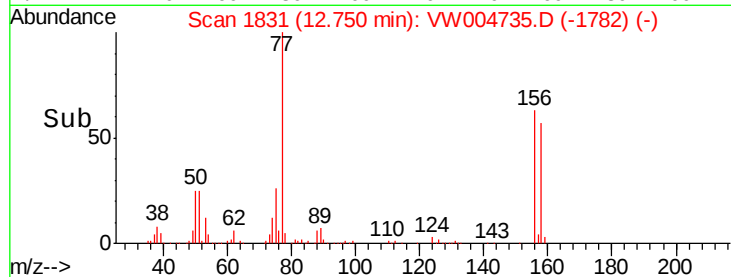
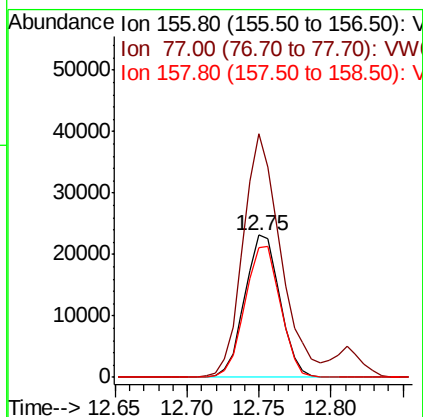
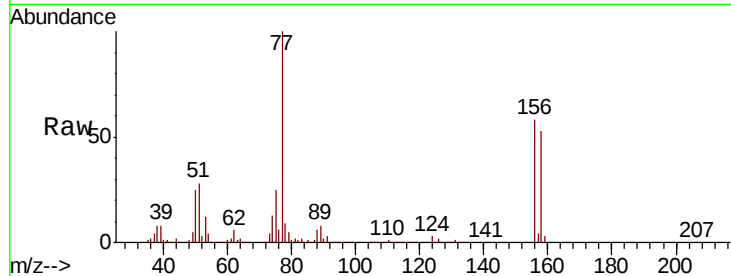




#77
Bromobenzene
Concen: 4.699 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

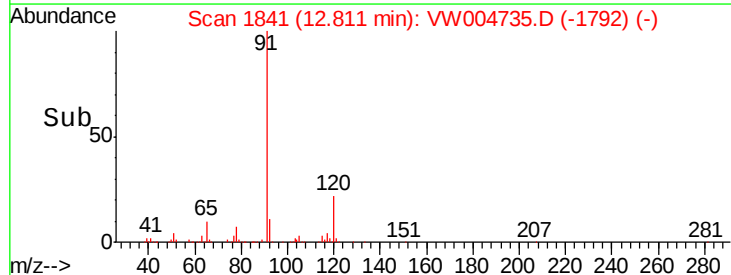
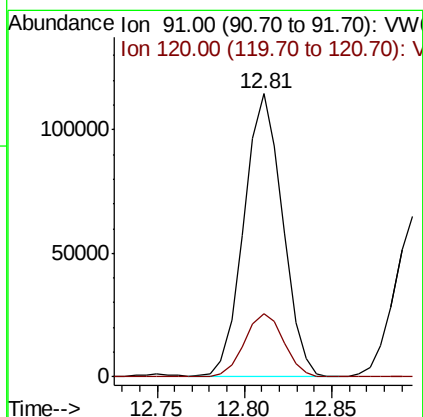
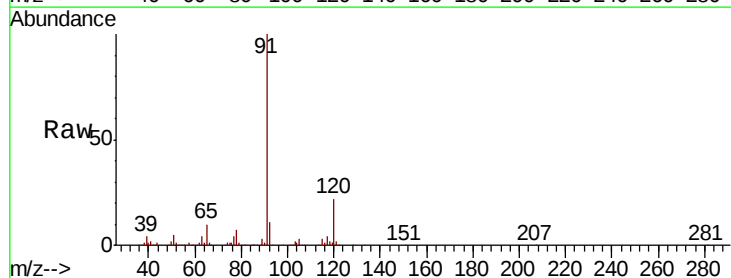
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

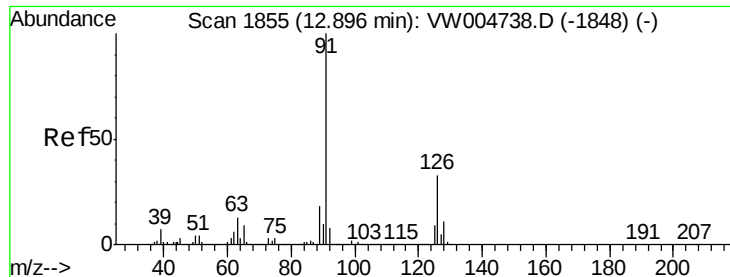
Tgt Ion: 156 Resp: 39165
Ion Ratio Lower Upper
156 100
77 183.1 94.2 282.4
158 92.7 48.6 145.9



#78
n-propylbenzene
Concen: 4.179 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion: 91 Resp: 175612
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.2

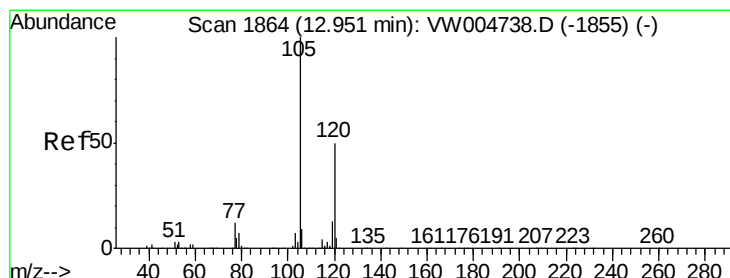
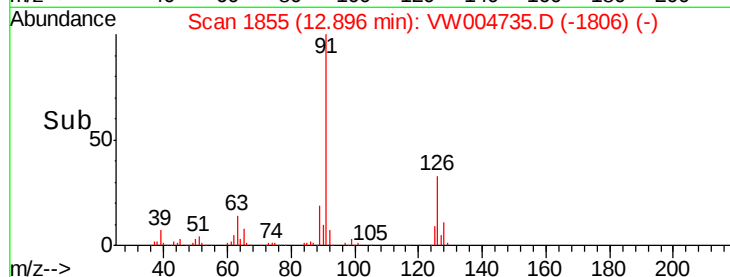
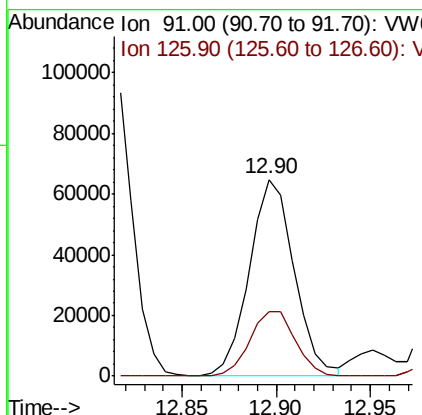
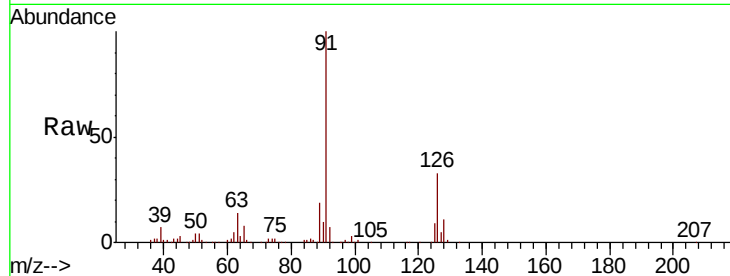




#79
 2-Chlorotoluene
 Concen: 4.394 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

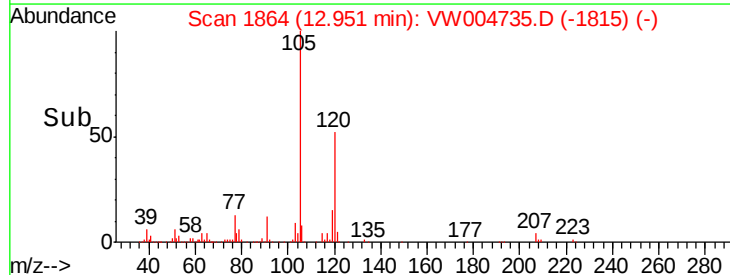
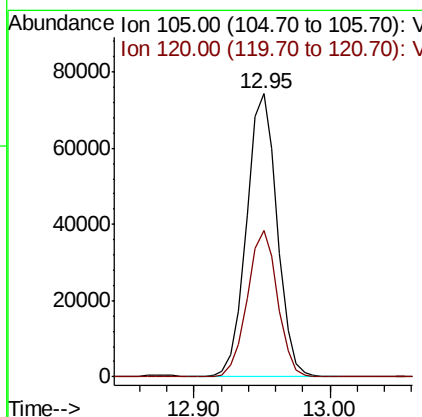
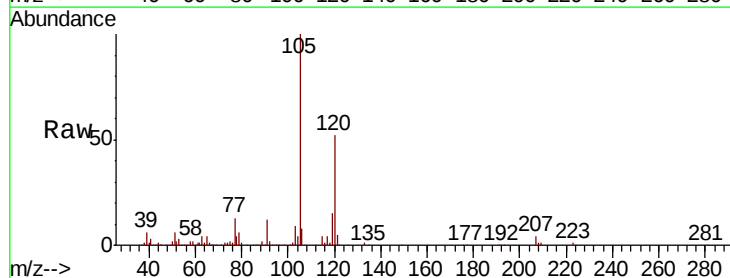
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

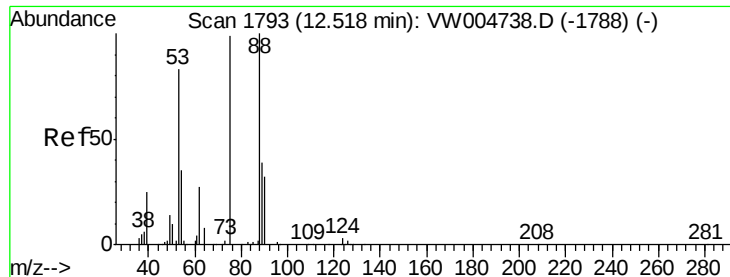
Tgt Ion: 91 Resp: 106425
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 3.971 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion: 105 Resp: 116164
 Ion Ratio Lower Upper
 105 100
 120 51.8 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 4.153 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

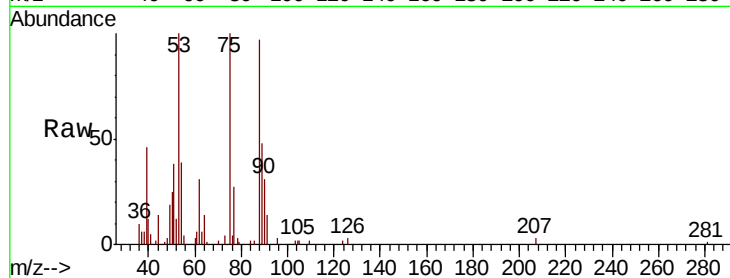
Tgt Ion: 75 Resp: 7972

Ion Ratio Lower Upper

75 100

53 98.6 72.2 108.4

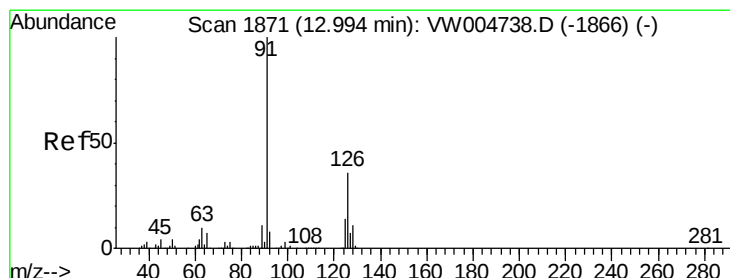
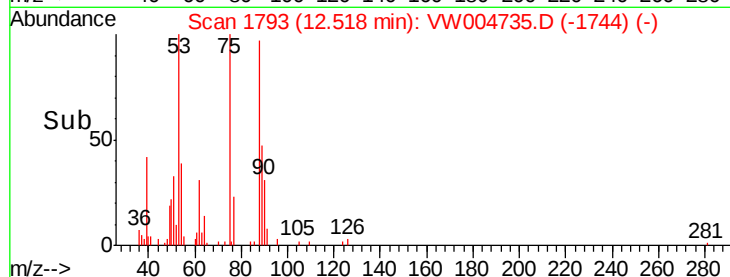
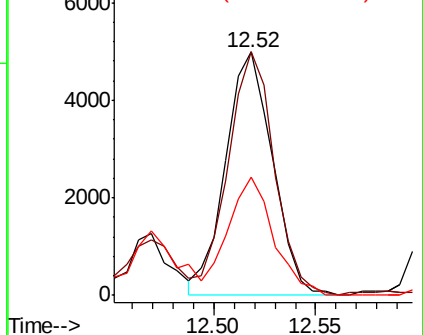
89 46.8 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 4.389 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004735.D

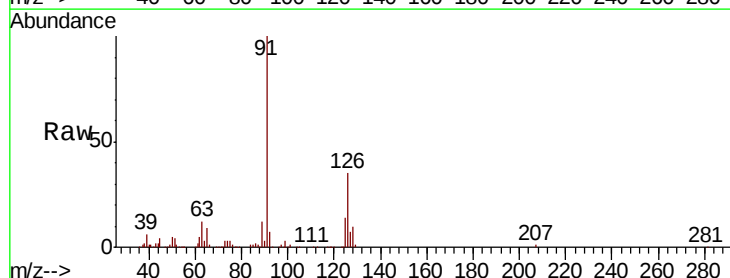
Acq: 17 Aug 2018 15:54

Tgt Ion: 91 Resp: 112940

Ion Ratio Lower Upper

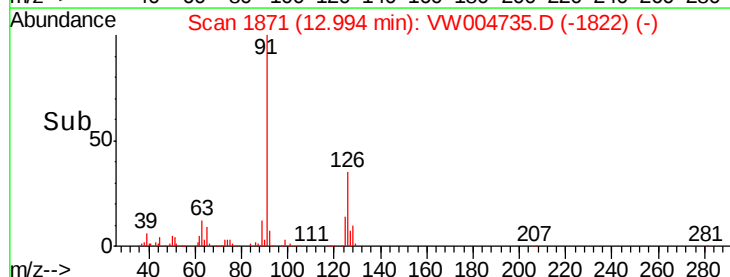
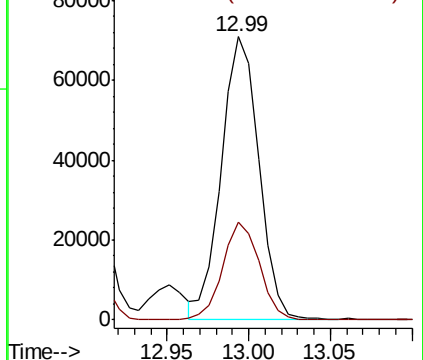
91 100

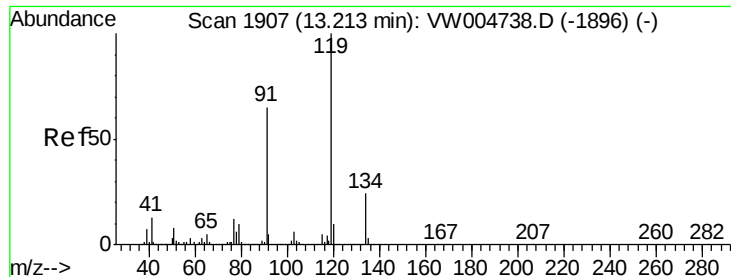
126 34.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

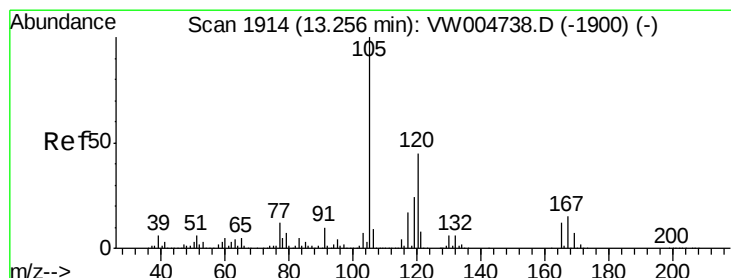
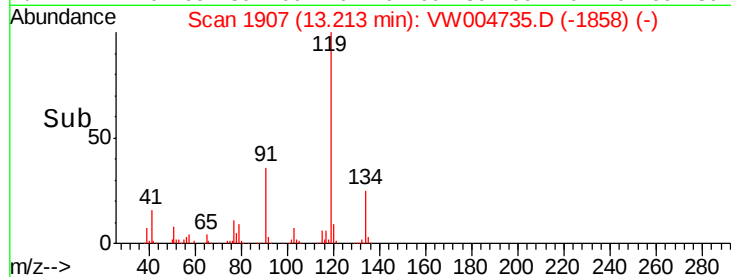
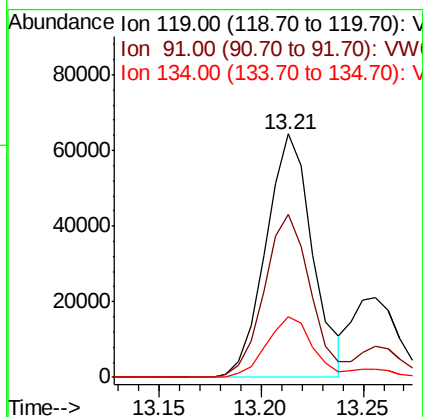
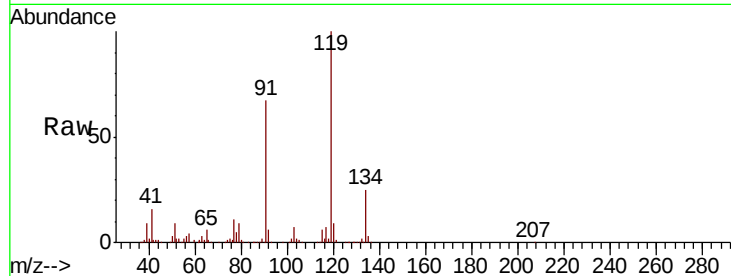




#83
 tert-Butylbenzene
 Concen: 4.105 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

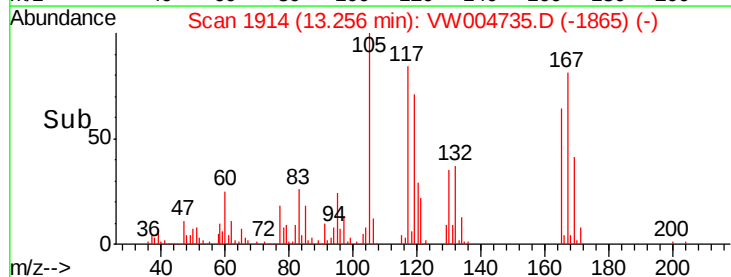
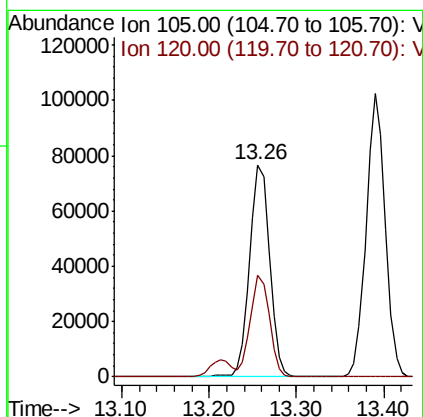
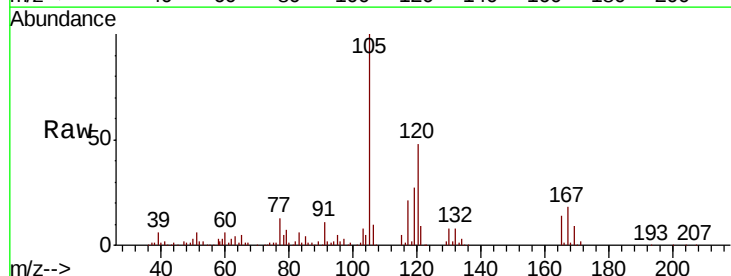
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

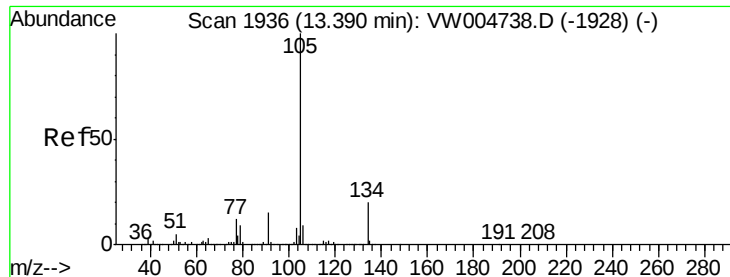
Tgt Ion:119 Resp: 102723
 Ion Ratio Lower Upper
 119 100
 91 66.0 32.6 97.8
 134 24.6 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 4.078 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion:105 Resp: 122725
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.3

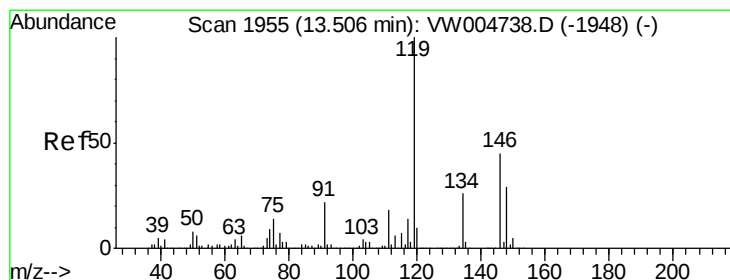
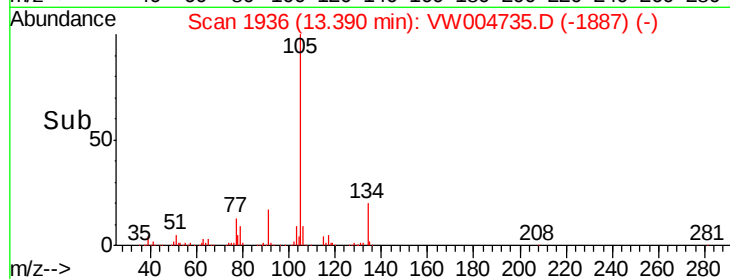
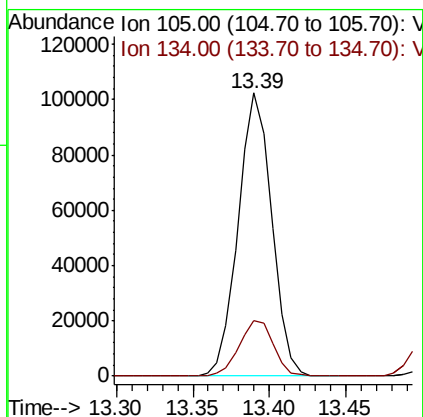
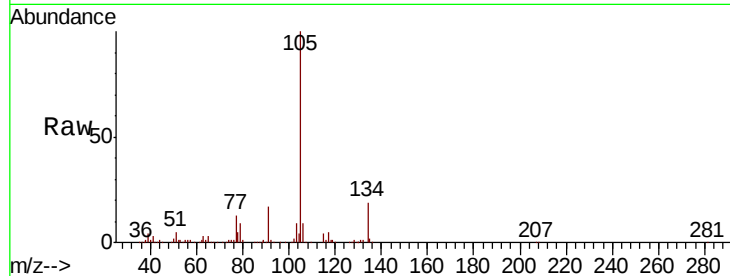




#85
 sec-Butylbenzene
 Concen: 4.180 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

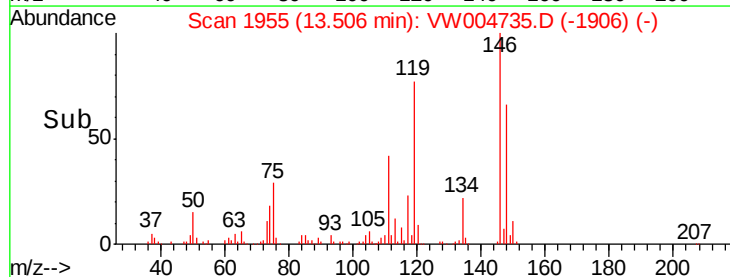
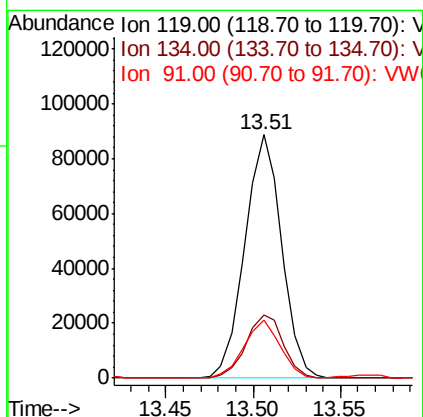
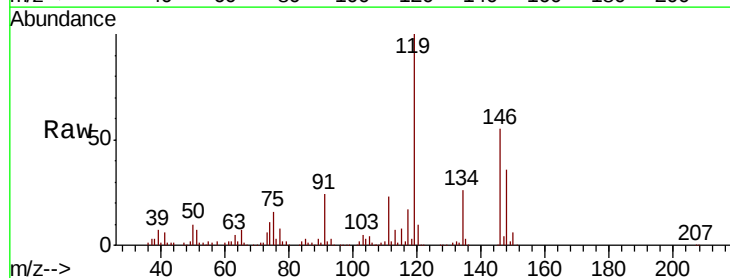
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

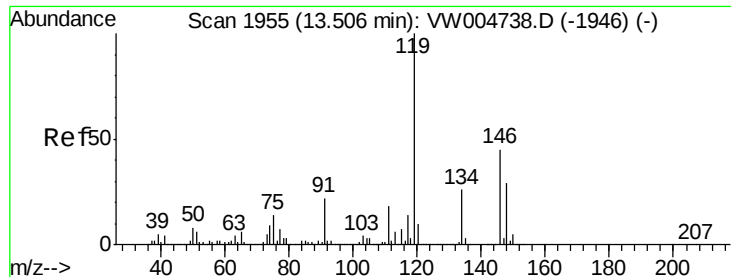
Tgt Ion:105 Resp: 156139
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 4.011 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion:119 Resp: 130384
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.2 11.2 33.5

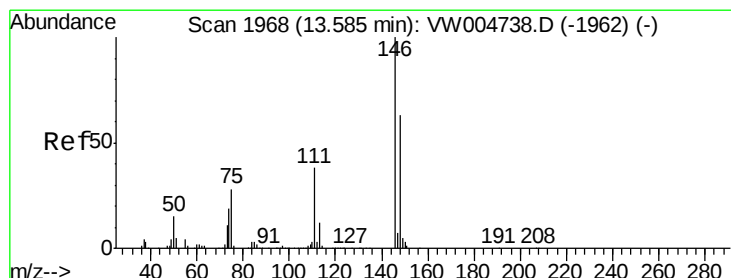
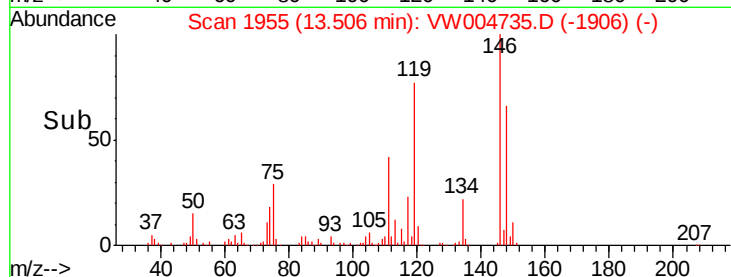
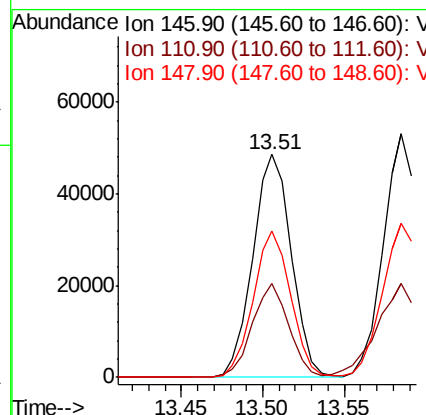
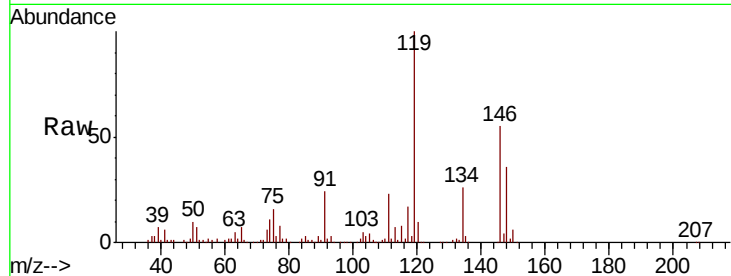




#87
 1,3-Dichlorobenzene
 Concen: 4.714 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

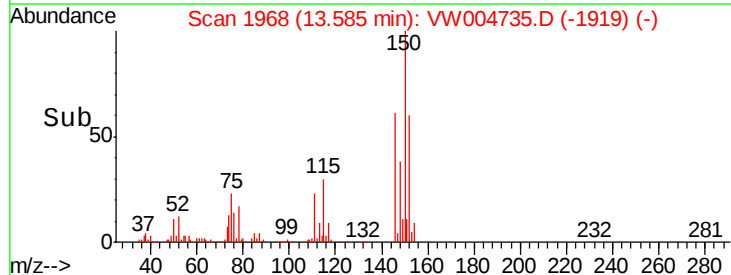
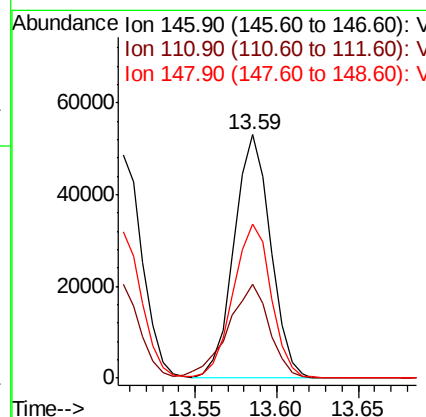
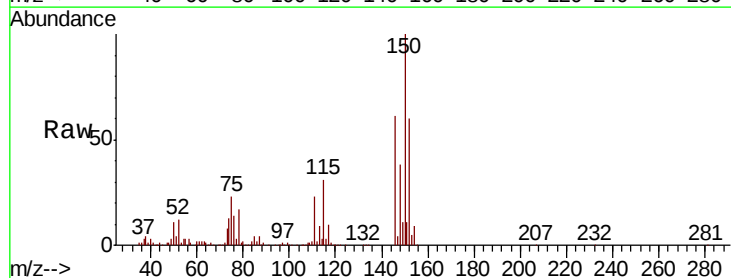
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

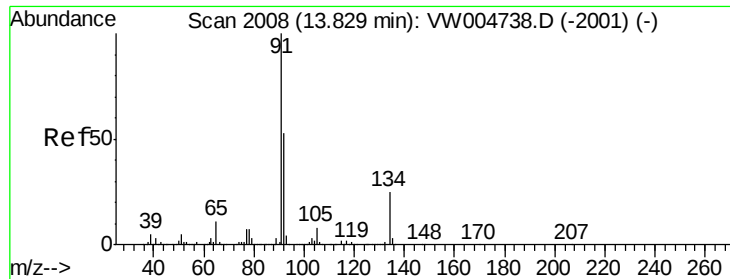
Tgt Ion:146 Resp: 79917
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.8 59.4
 148 63.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 4.886 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion:146 Resp: 82803
 Ion Ratio Lower Upper
 146 100
 111 44.2 19.3 57.8
 148 66.1 31.8 95.3





#89

n-Butylbenzene

Concen: 4.265 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

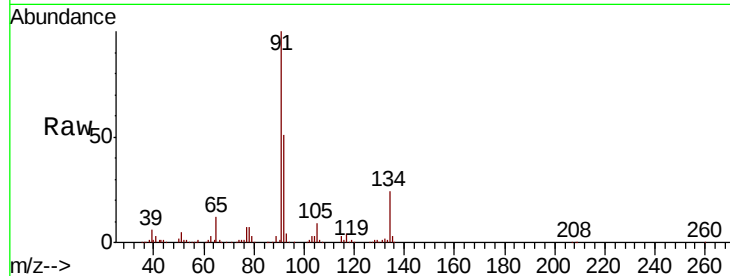
Tgt Ion: 91 Resp: 134038

Ion Ratio Lower Upper

91 100

92 51.3 26.4 79.2

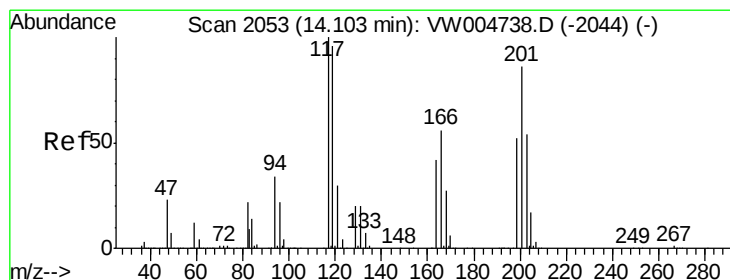
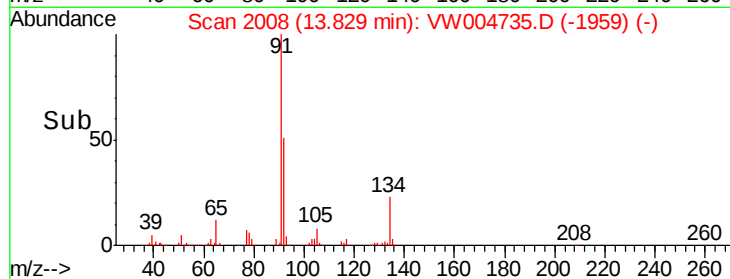
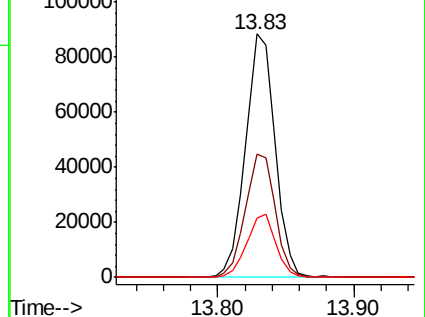
134 25.4 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 4.623 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.01 min

Lab File: VW004735.D

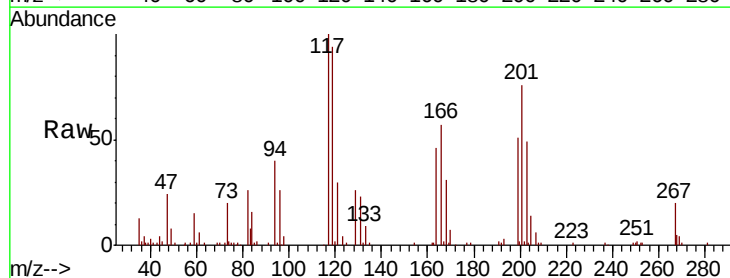
Acq: 17 Aug 2018 15:54

Tgt Ion: 117 Resp: 27390

Ion Ratio Lower Upper

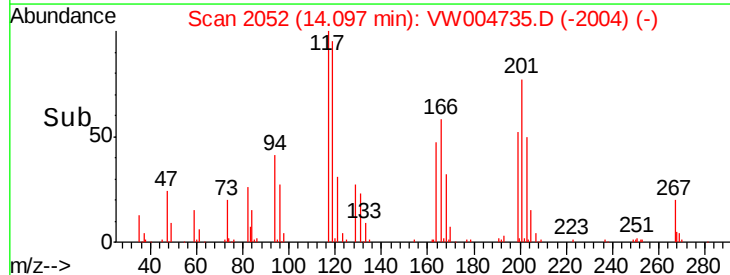
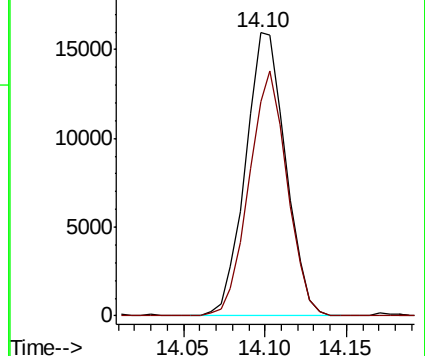
117 100

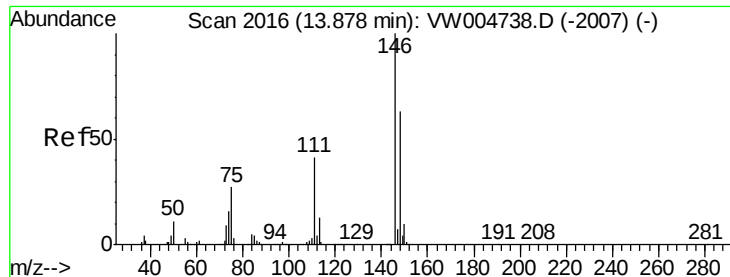
201 82.0 42.4 127.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 4.782 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

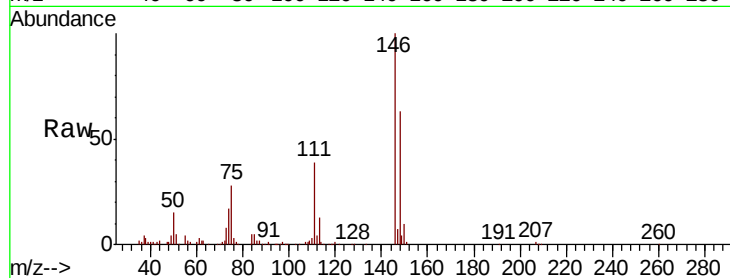
Tgt Ion:146 Resp: 72820

Ion Ratio Lower Upper

146 100

111 40.2 20.4 61.3

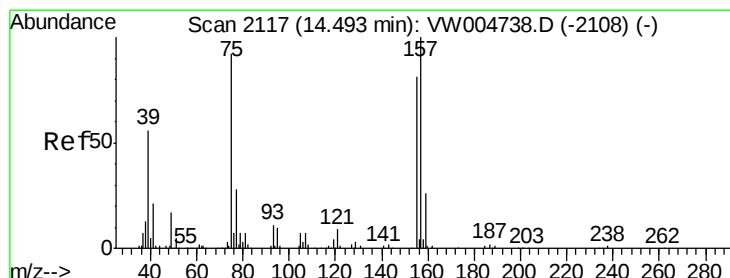
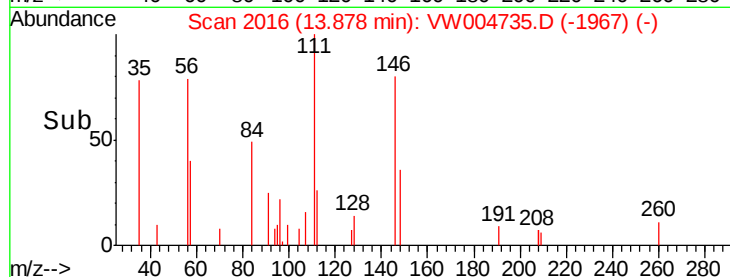
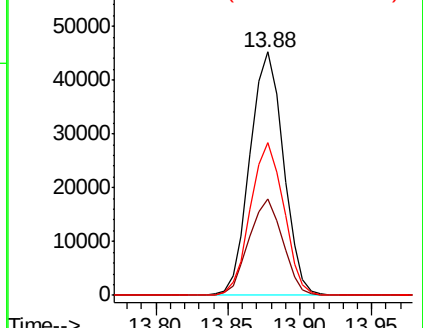
148 62.5 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.482 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

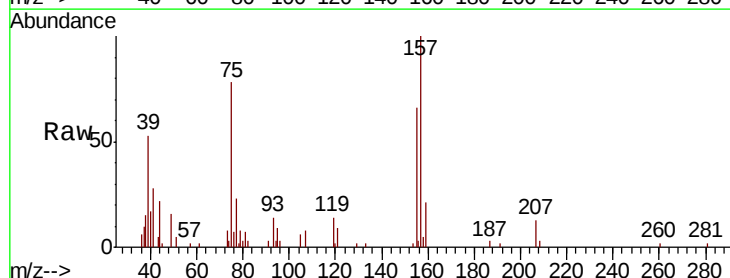
Tgt Ion: 75 Resp: 4468

Ion Ratio Lower Upper

75 100

155 82.9 43.3 129.9

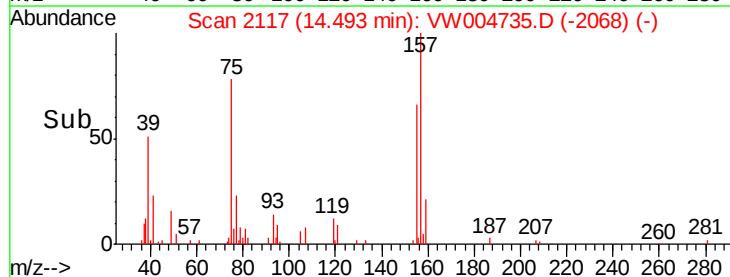
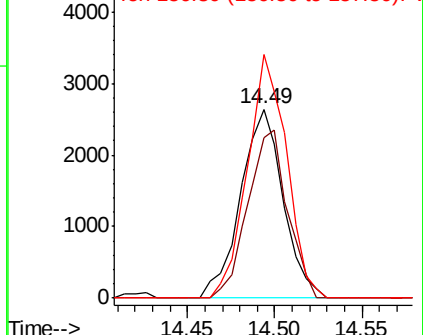
157 118.2 54.5 163.6

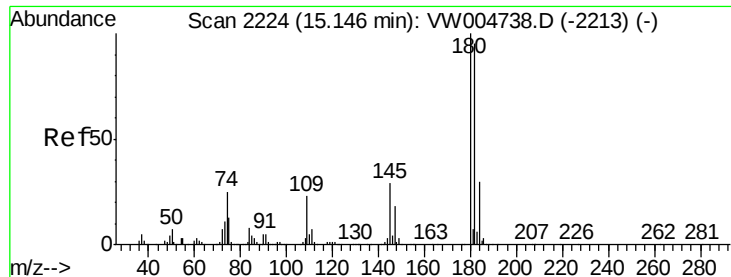


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

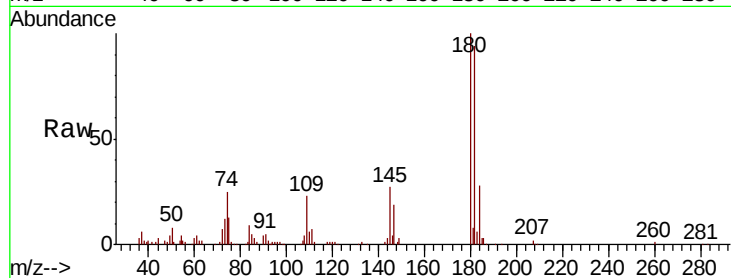




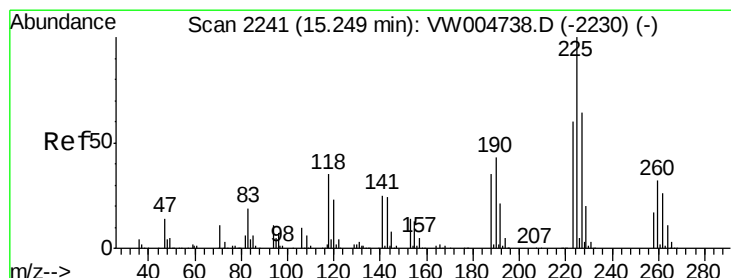
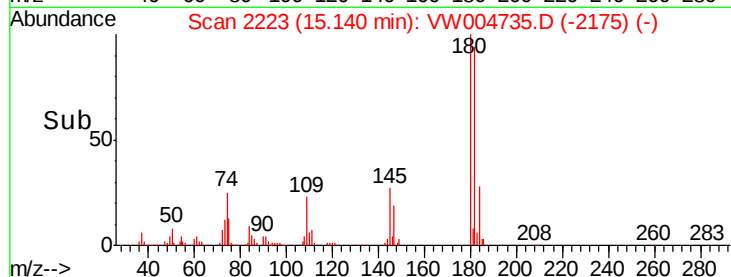
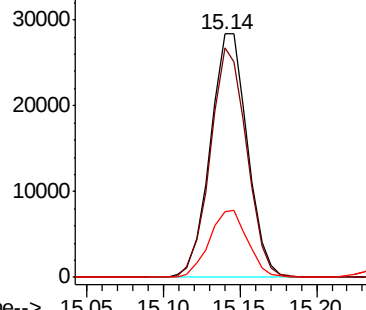
#93
 1,2,4-Trichlorobenzene
 Concen: 4.455 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 47983
 Ion Ratio Lower Upper
 180 100
 182 92.3 47.3 141.8
 145 28.4 14.6 43.8

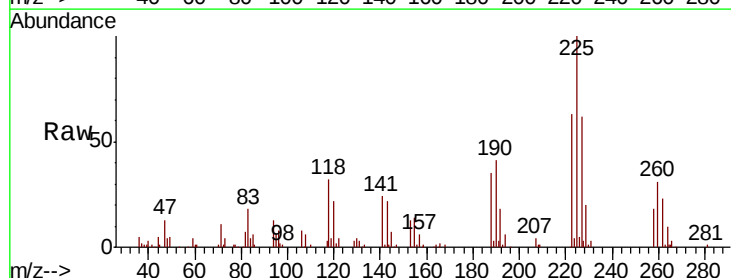


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

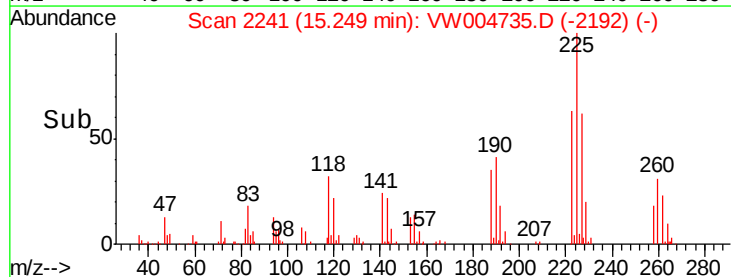
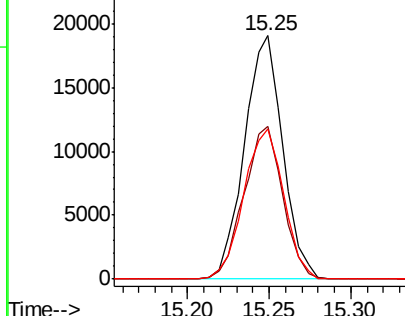


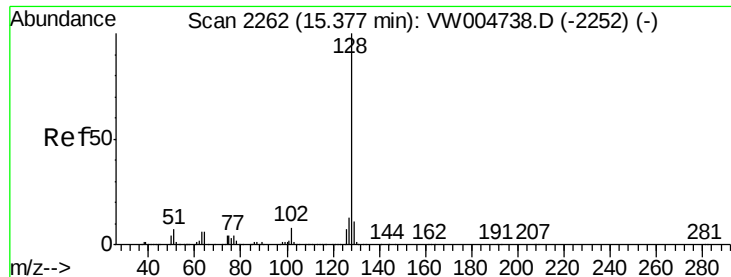
#94
 Hexachlorobutadiene
 Concen: 4.705 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion:225 Resp: 31104
 Ion Ratio Lower Upper
 225 100
 223 63.8 30.9 92.5
 227 64.1 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

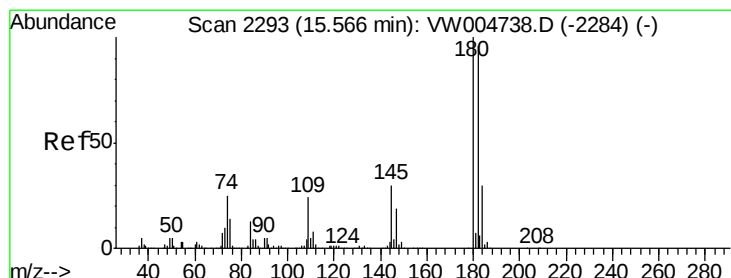
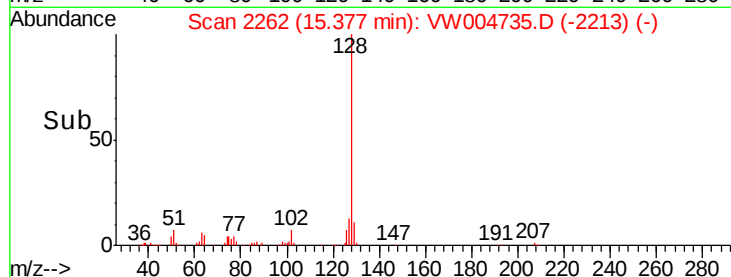
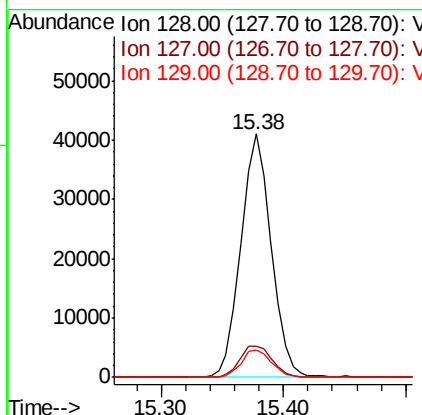
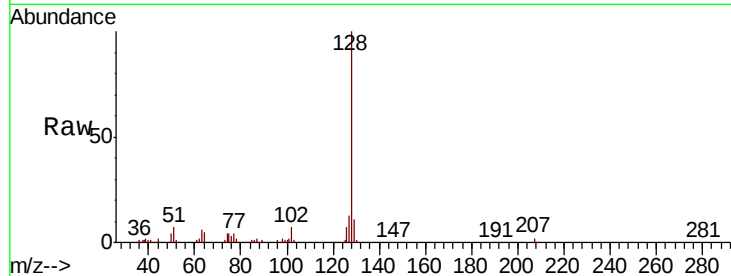




#95
Naphthalene
Concen: 3.801 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 70797
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.334 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion:180 Resp: 41393
Ion Ratio Lower Upper
180 100
182 96.6 47.3 142.0
145 31.5 15.4 46.1

