

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005055.D
 Acq On : 01 Sep 2018 00:13
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 01 07:27:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	495289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	716537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	722520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	399577	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43557	10.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.22%	
35) Dibromofluoromethane	7.90	113	42306	10.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.44%	
50) Toluene-d8	10.33	98	193441	10.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.28%	
62) 4-Bromofluorobenzene	12.62	95	68319	10.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	46622	11.681	ug/l	96
3) Chloromethane	2.22	50	63180	10.908	ug/l	93
4) Vinyl Chloride	2.36	62	59538	10.571	ug/l	99
5) Bromomethane	2.77	94	44702	8.939	ug/l	97
6) Chloroethane	2.92	64	36793	10.495	ug/l	100
7) Trichlorofluoromethane	3.26	101	64833	10.233	ug/l	96
8) Diethyl Ether	3.69	74	22984	10.026	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44694	10.270	ug/l	97
10) Methyl Iodide	4.28	142	47648	10.586	ug/l	100
11) Tert butyl alcohol	5.20	59	15315	36.613	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	39704	9.914	ug/l	98
13) Acrolein	3.90	56	13431	50.399	ug/l	96
14) Allyl chloride	4.68	41	59700	9.536	ug/l	99
15) Acrylonitrile	5.38	53	48328	49.982	ug/l	98
16) Acetone	4.14	43	42329	51.408	ug/l	96
17) Carbon Disulfide	4.38	76	137554	9.857	ug/l	97
18) Methyl Acetate	4.68	43	21874	9.031	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	92950	9.558	ug/l	98
20) Methylene Chloride	4.93	84	76490	10.691	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	48943	10.030	ug/l	98
22) Diisopropyl ether	6.32	45	125474	9.524	ug/l	97
23) Vinyl Acetate	6.26	43	334687	48.367	ug/l	97
24) 1,1-Dichloroethane	6.23	63	81632	9.914	ug/l	99
25) 2-Butanone	7.18	43	75382	52.782	ug/l	96
26) 2,2-Dichloropropane	7.17	77	69260	10.235	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	52131	9.766	ug/l	95
28) Bromochloromethane	7.52	49	33822	10.205	ug/l	99
29) Tetrahydrofuran	7.54	42	35459	48.592	ug/l	100
30) Chloroform	7.68	83	84541	10.059	ug/l	100
31) Cyclohexane	7.96	56	80980	10.042	ug/l #	91
32) 1,1,1-Trichloroethane	7.88	97	75059	10.254	ug/l	99
36) 1,1-Dichloropropene	8.09	75	68478	10.035	ug/l	99
37) Ethyl Acetate	7.26	43	26465	10.370	ug/l	99
38) Carbon Tetrachloride	8.08	117	66700	10.279	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75789	9.183	ug/l	98
40) Benzene	8.33	78	206313	9.875	ug/l	100
41) Methacrylonitrile	7.49	41	15188	10.271	ug/l	98
42) 1,2-Dichloroethane	8.41	62	52961	10.358	ug/l	100
43) Isopropyl Acetate	8.43	43	45679	9.836	ug/l	98
44) Trichloroethene	9.10	130	55885	9.914	ug/l	93
45) 1,2-Dichloropropane	9.37	63	51034	9.999	ug/l	100
46) Dibromomethane	9.46	93	25436	10.423	ug/l	98
47) Bromodichloromethane	9.65	83	61646	10.032	ug/l	95
48) Methyl methacrylate	9.44	41	20584	9.205	ug/l	95
49) 1,4-Dioxane	9.46	88	8008	202.911	ug/l #	86
51) 4-Methyl-2-Pentanone	10.22	43	154627	49.680	ug/l	98
52) Toluene	10.39	92	137809	9.735	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	56722	9.394	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	70843	9.647	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38609	10.218	ug/l	95
56) Ethyl methacrylate	10.65	69	39522	9.168	ug/l	99
57) 1,3-Dichloropropane	10.94	76	62231	10.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	92953	45.506	ug/l	98
59) 2-Hexanone	10.98	43	102726	48.798	ug/l	99
60) Dibromochloromethane	11.13	129	42122	9.861	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34467	10.104	ug/l	100
64) Tetrachloroethene	10.87	164	55486	9.788	ug/l	97
65) Chlorobenzene	11.66	112	160704	9.880	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	47407	9.538	ug/l	98
67) Ethyl Benzene	11.74	91	258509	9.401	ug/l	100
68) m/p-Xylenes	11.85	106	209410	19.020	ug/l	100
69) o-Xylene	12.17	106	94285	9.262	ug/l	100
70) Styrene	12.19	104	156774	9.323	ug/l	100
71) Bromoform	12.35	173	25832	9.806	ug/l #	99
73) Isopropylbenzene	12.47	105	253269	8.989	ug/l	99
74) N-amyl acetate	12.28	43	44556	9.184	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42081	9.811	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	53607	17.873	ug/l #	100
77) Bromobenzene	12.75	156	66735	9.613	ug/l	99
78) n-propylbenzene	12.81	91	309325	9.095	ug/l	100
79) 2-Chlorotoluene	12.90	91	185254	9.336	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	223556	9.175	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10968	8.802	ug/l	92
82) 4-Chlorotoluene	12.99	91	200404	9.564	ug/l	100
83) tert-Butylbenzene	13.21	119	182917	8.990	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	227110	9.153	ug/l	100
85) sec-Butylbenzene	13.39	105	275309	9.207	ug/l	100
86) p-Isopropyltoluene	13.51	119	240531	9.087	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	137741	9.659	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	139531	9.864	ug/l	98
89) n-Butylbenzene	13.83	91	220740	8.998	ug/l	98
90) Hexachloroethane	14.10	117	40846	9.290	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	122686	9.871	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6720	10.026	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
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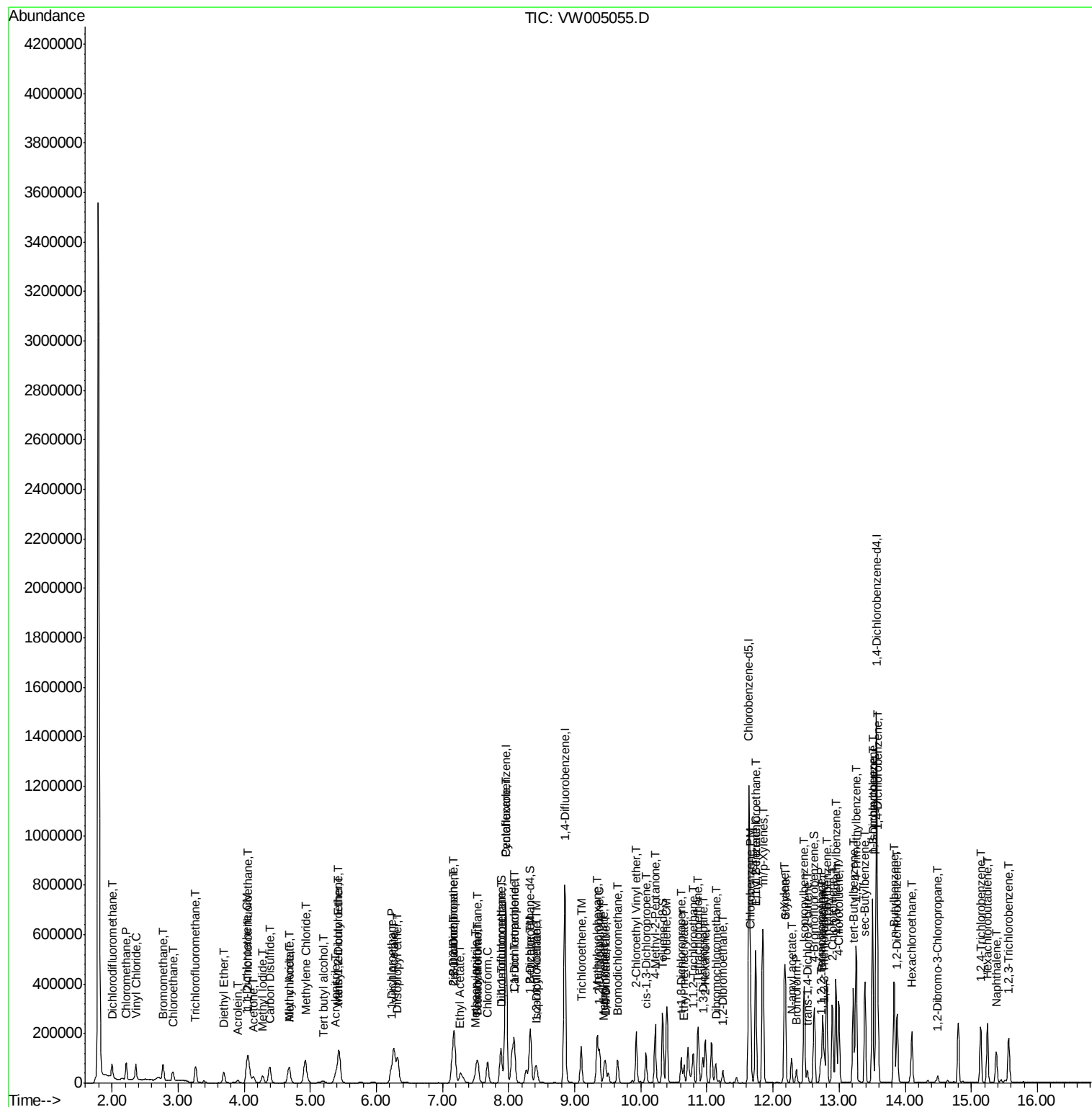
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78481	9.417	ug/l	100
94) Hexachlorobutadiene	15.24	225	50440	9.731	ug/l	99
95) Naphthalene	15.38	128	114112	11.270	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67140	9.414	ug/l	99

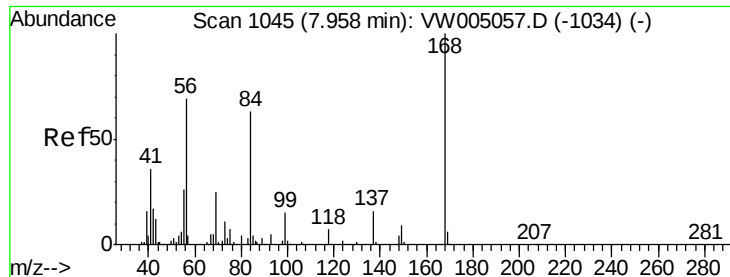
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

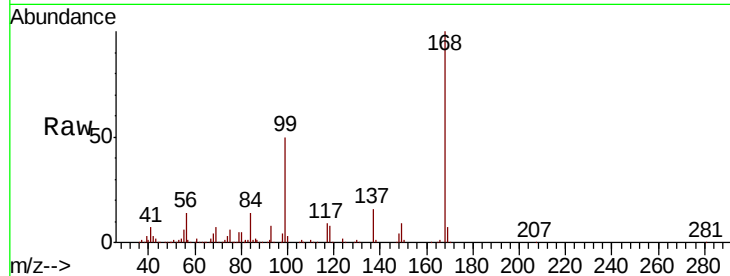
VSTDIC010

Tgt Ion:168 Resp: 495289

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

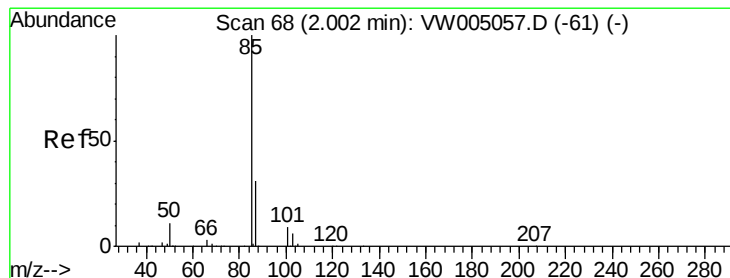
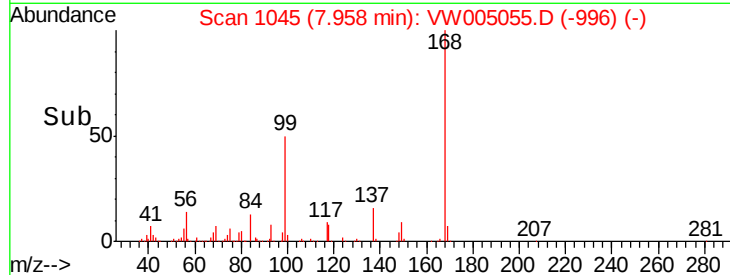
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 11.681 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005055.D

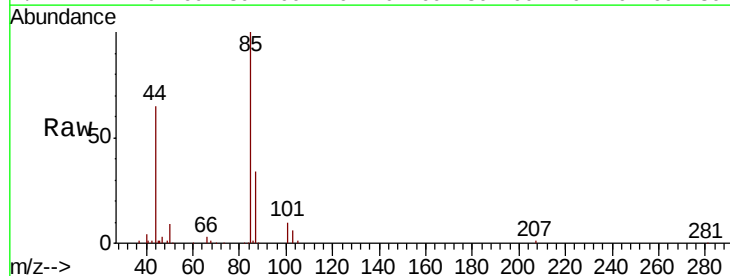
Acq: 01 Sep 2018 00:13

Tgt Ion: 85 Resp: 46622

Ion Ratio Lower Upper

85 100

87 33.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

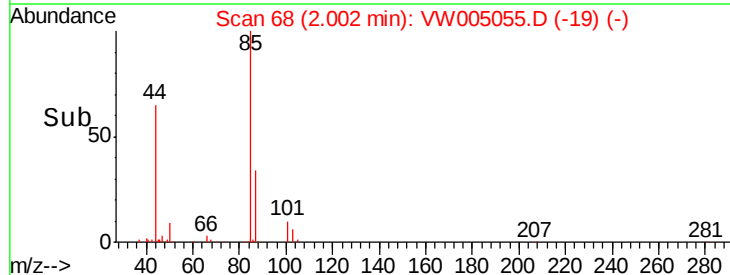
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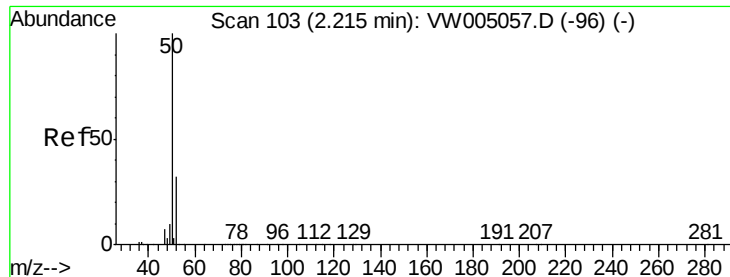
10000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 10.908 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

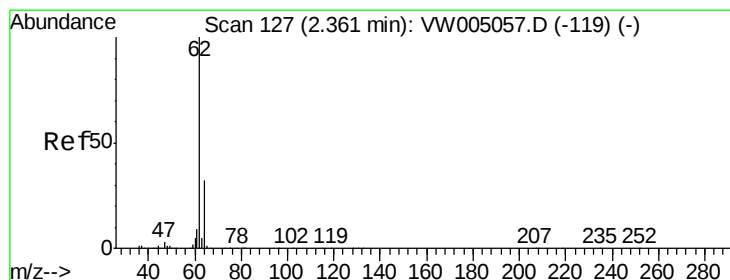
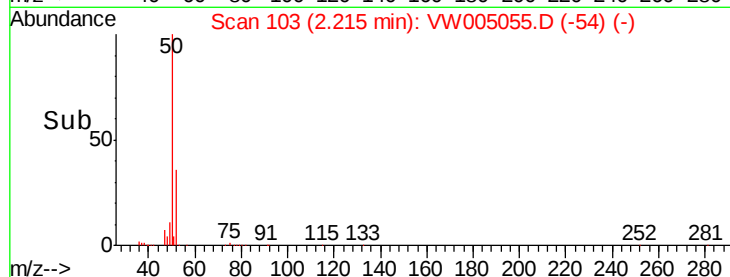
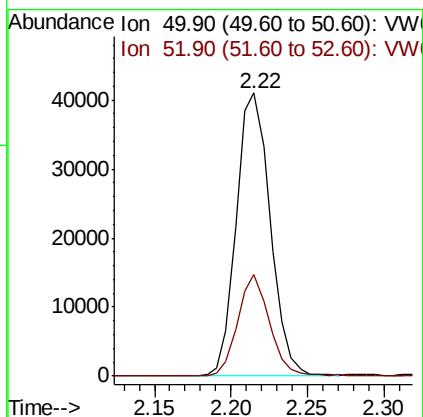
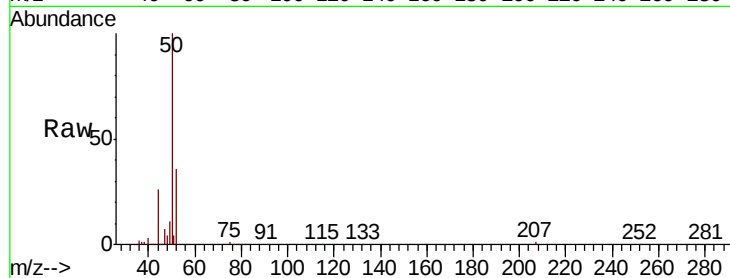
VSTDIC010

Tgt Ion: 50 Resp: 63180

Ion Ratio Lower Upper

50 100

52 35.9 25.8 38.6



#4

Vinyl Chloride

Concen: 10.571 ug/l

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW005055.D

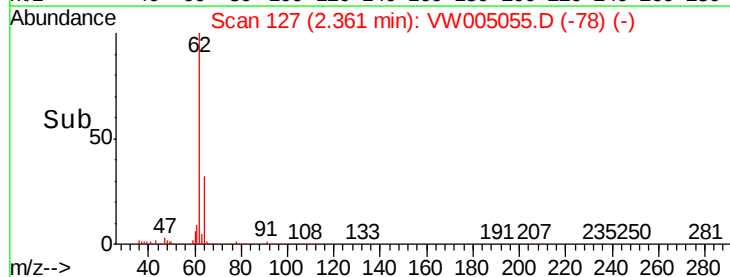
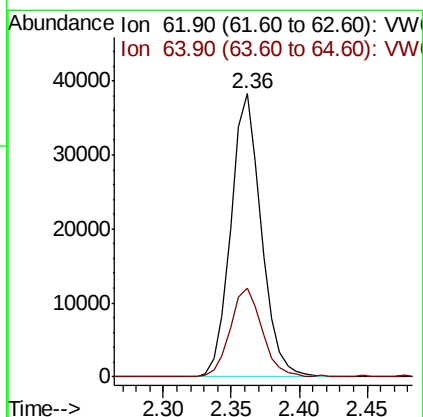
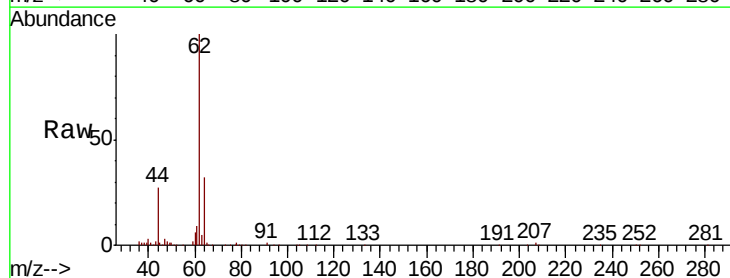
Acq: 01 Sep 2018 00:13

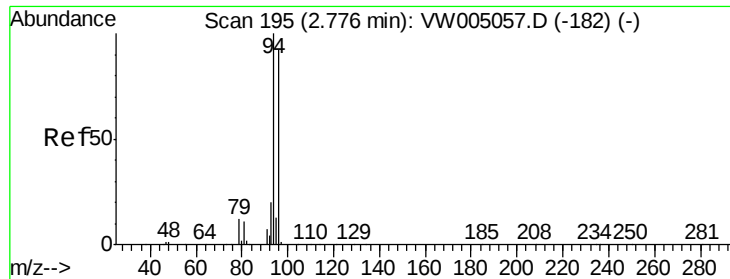
Tgt Ion: 62 Resp: 59538

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4





#5

Bromomethane

Concen: 8.939 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

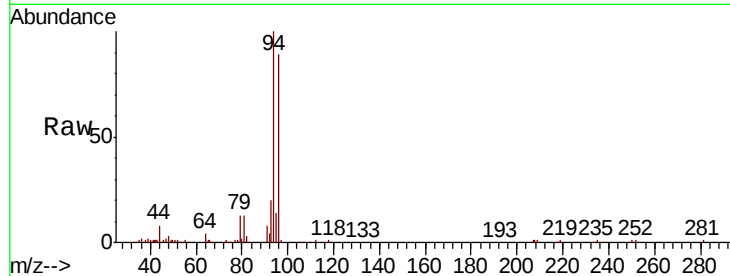
VSTDIC010

Tgt Ion: 94 Resp: 44702

Ion Ratio Lower Upper

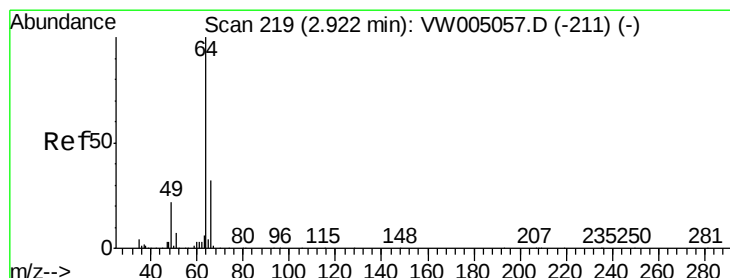
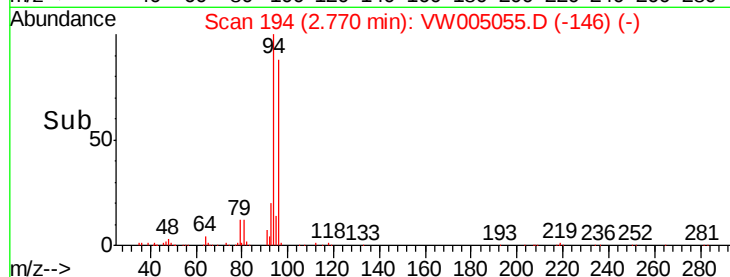
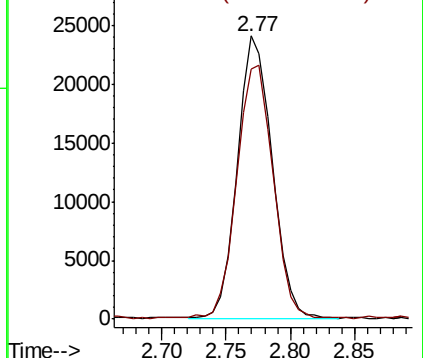
94 100

96 88.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 10.495 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW005055.D

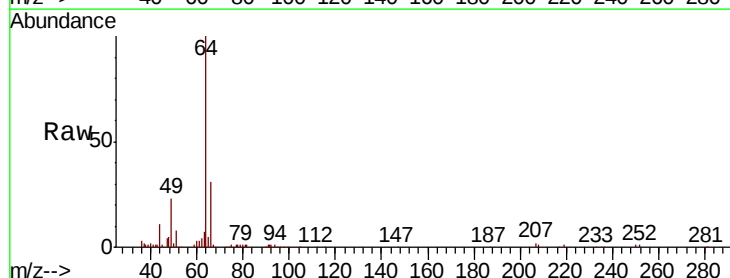
Acq: 01 Sep 2018 00:13

Tgt Ion: 64 Resp: 36793

Ion Ratio Lower Upper

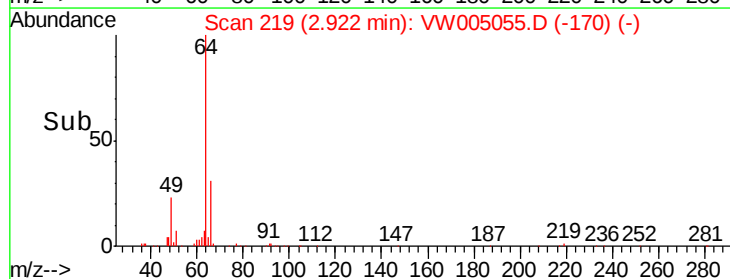
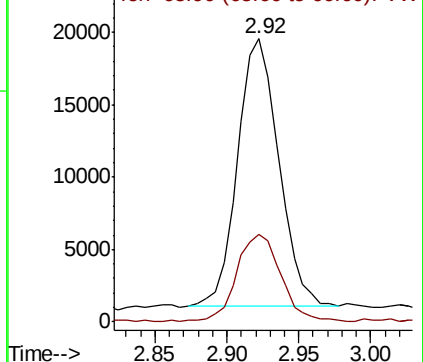
64 100

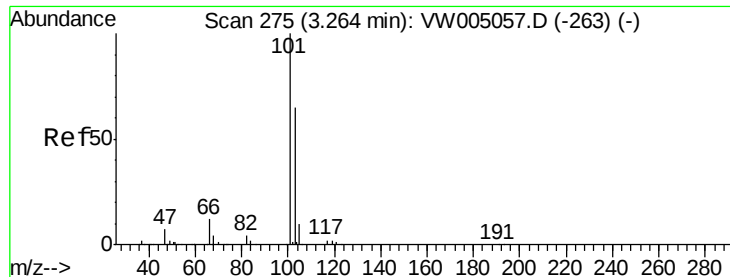
66 31.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



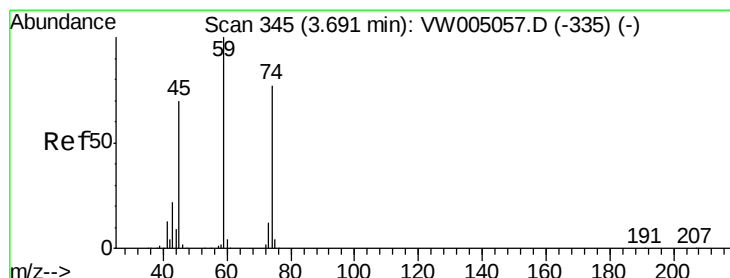
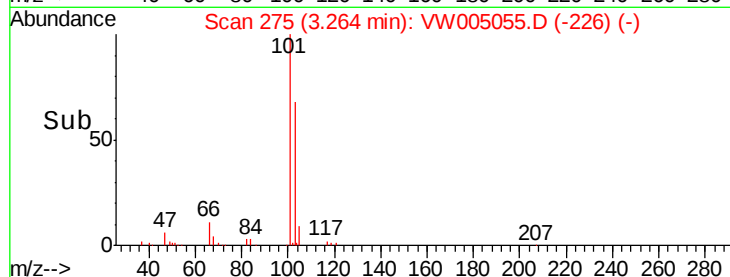
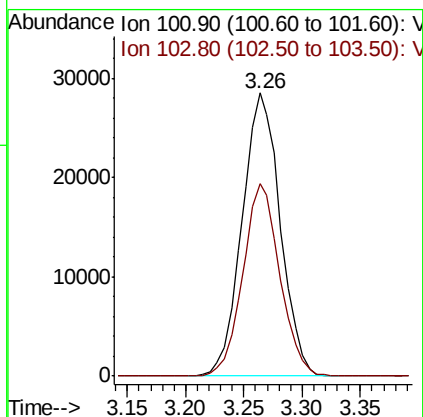
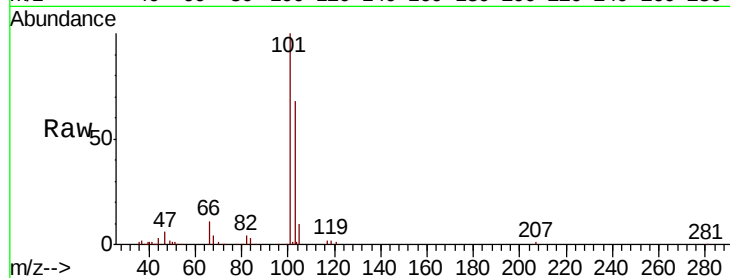


#7

Trichlorofluoromethane
 Concen: 10.233 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

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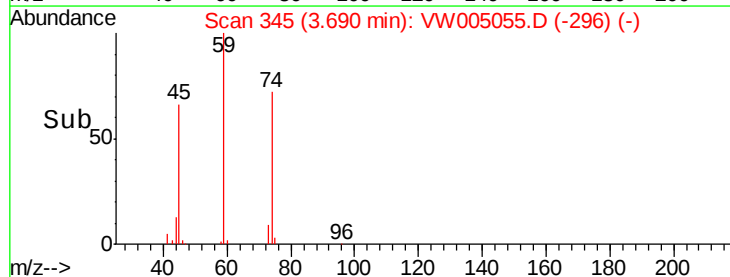
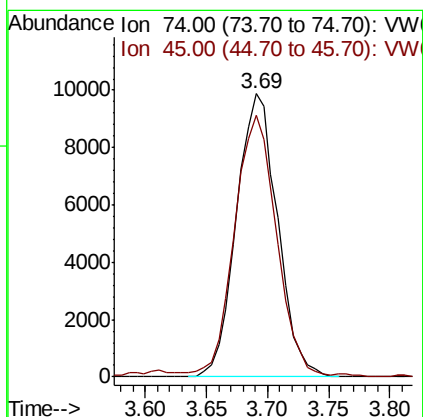
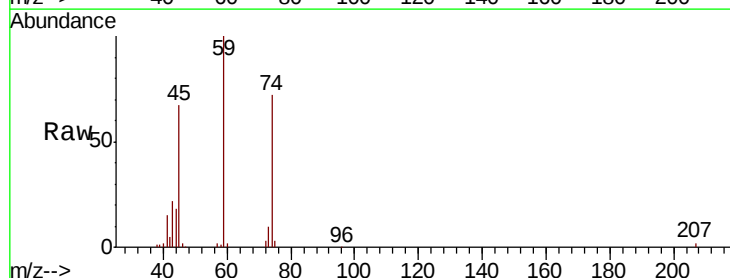
Tgt Ion:101 Resp: 64833
 Ion Ratio Lower Upper
 101 100
 103 68.0 51.9 77.9

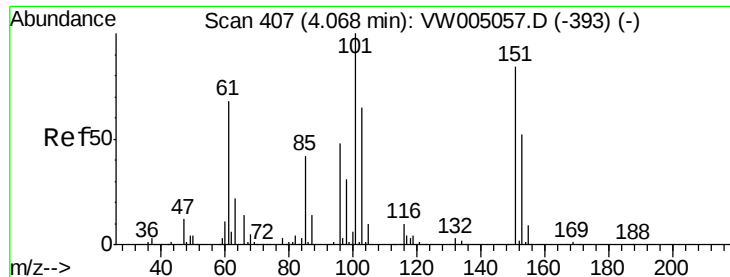


#8

Diethyl Ether
 Concen: 10.026 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion: 74 Resp: 22984
 Ion Ratio Lower Upper
 74 100
 45 93.5 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.270 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

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VSTDIC010

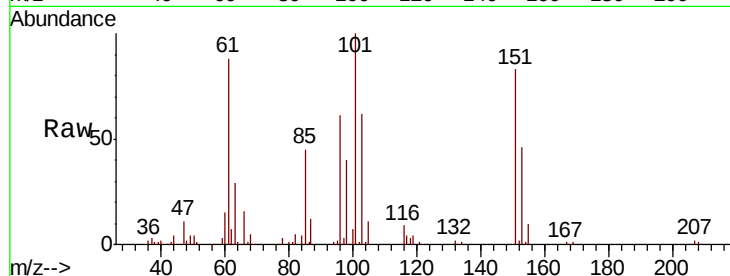
Tgt Ion:101 Resp: 44694

Ion Ratio Lower Upper

101 100

85 45.2 33.0 49.6

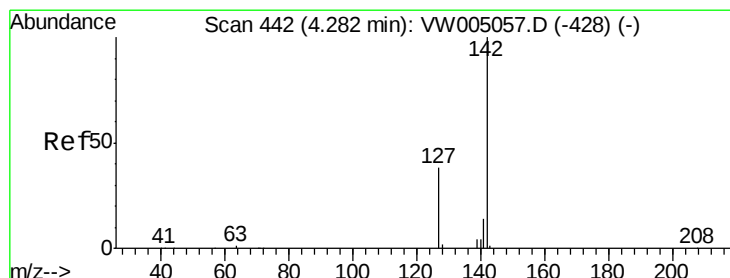
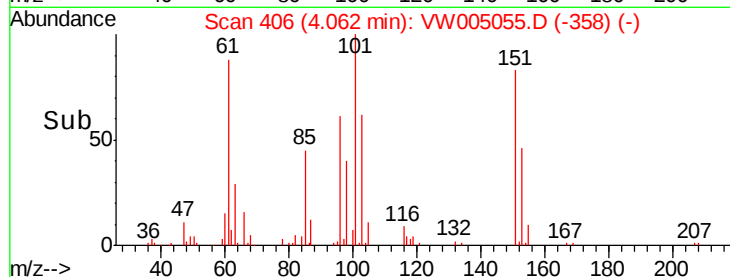
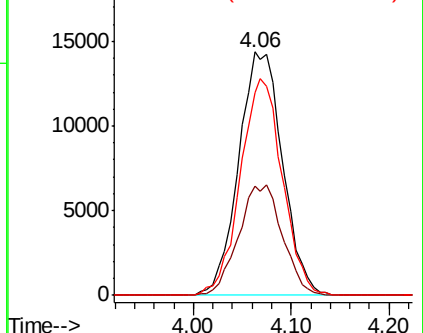
151 85.3 67.0 100.6



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: 10.586 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

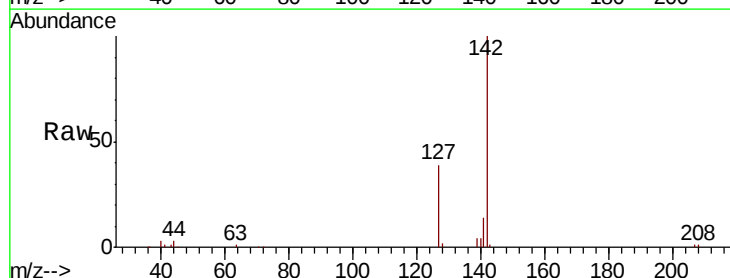
Tgt Ion:142 Resp: 47648

Ion Ratio Lower Upper

142 100

127 38.6 30.8 46.2

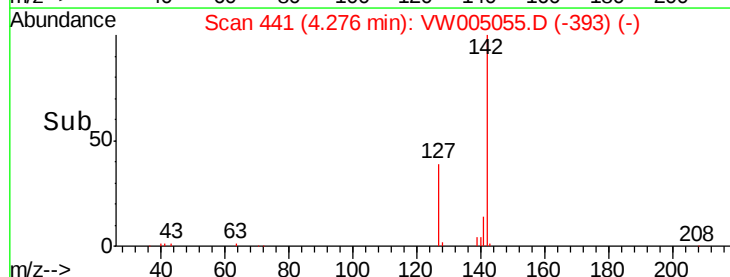
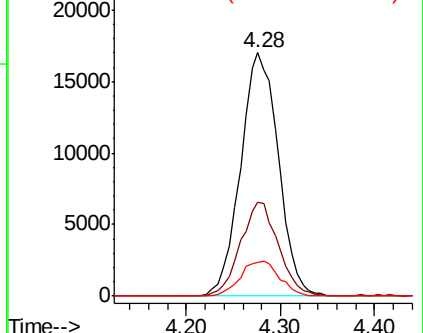
141 14.5 11.6 17.4

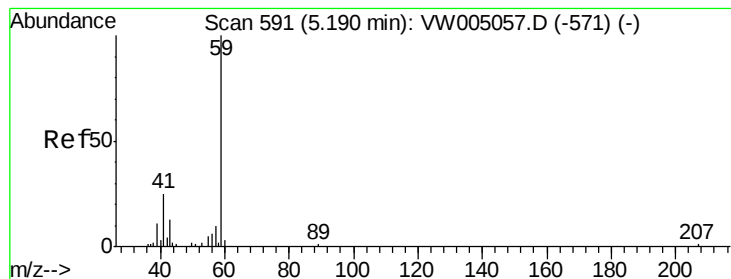


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 36.613 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

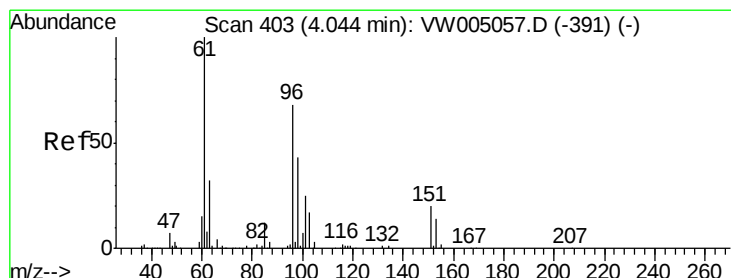
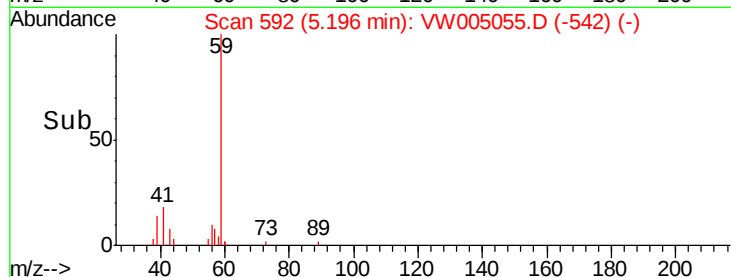
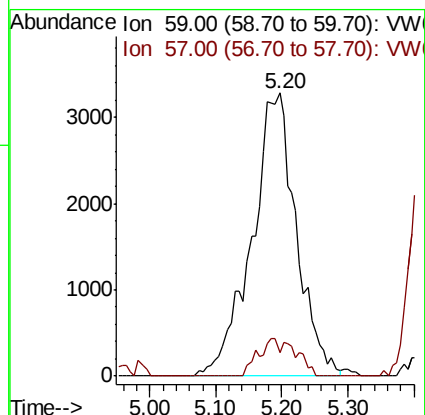
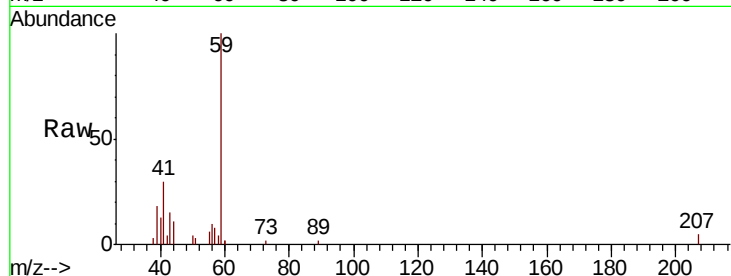
VSTDIC010

Tgt Ion: 59 Resp: 15315

Ion Ratio Lower Upper

59 100

57 6.2 8.6 12.8#



#12

1,1-Dichloroethene

Concen: 9.914 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

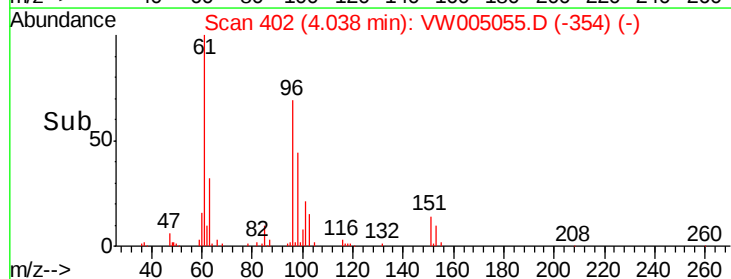
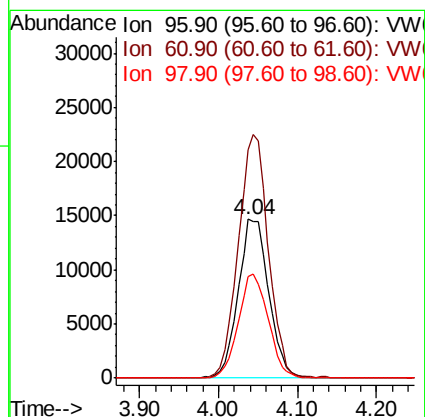
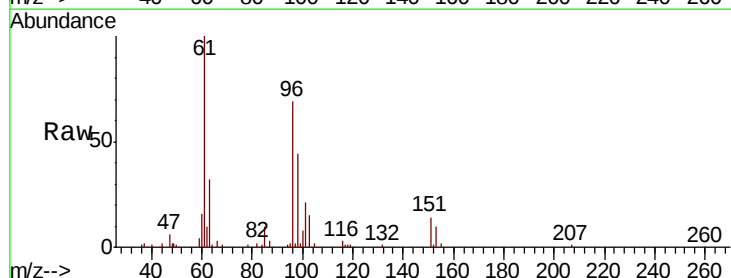
Tgt Ion: 96 Resp: 39704

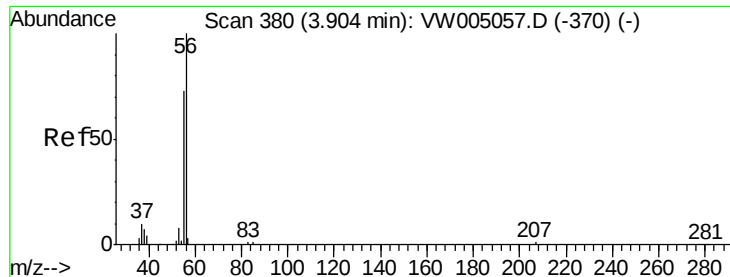
Ion Ratio Lower Upper

96 100

61 143.9 117.4 176.0

98 63.7 51.0 76.4





#13

Acrolein

Concen: 50.399 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

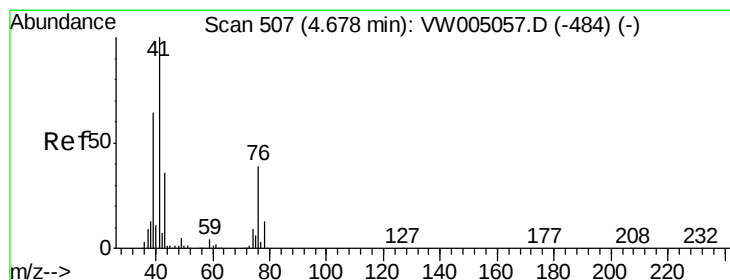
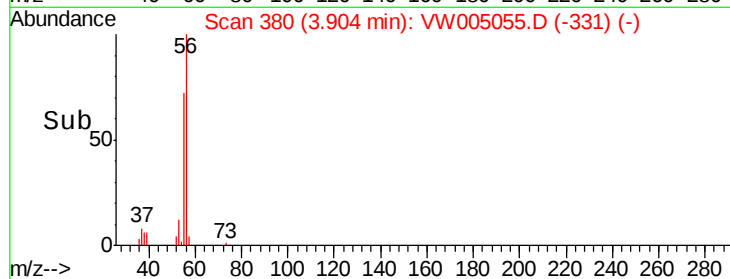
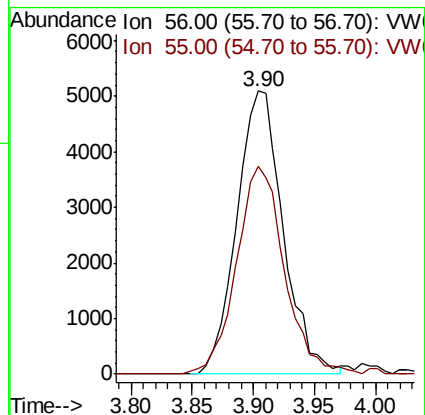
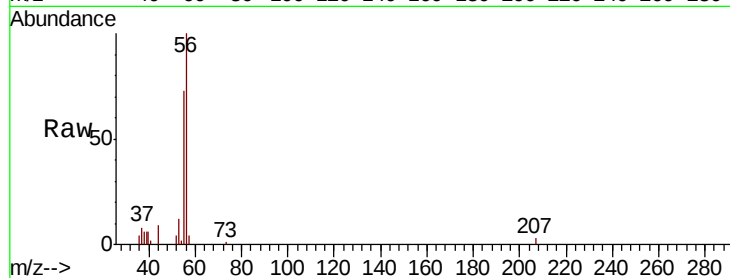
VSTDIC010

Tgt Ion: 56 Resp: 13431

Ion Ratio Lower Upper

56 100

55 76.0 58.1 87.1



#14

Allyl chloride

Concen: 9.536 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

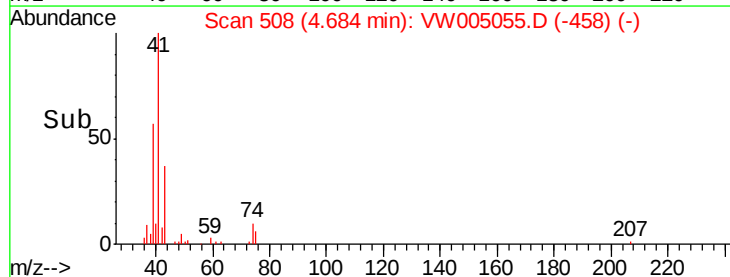
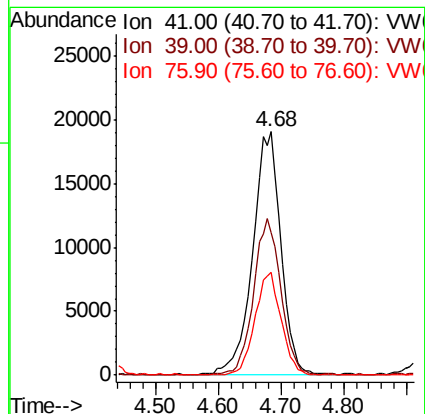
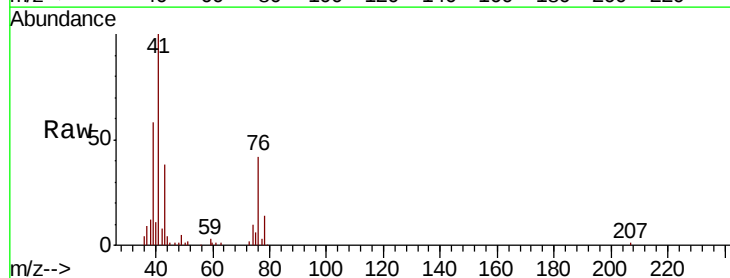
Tgt Ion: 41 Resp: 59700

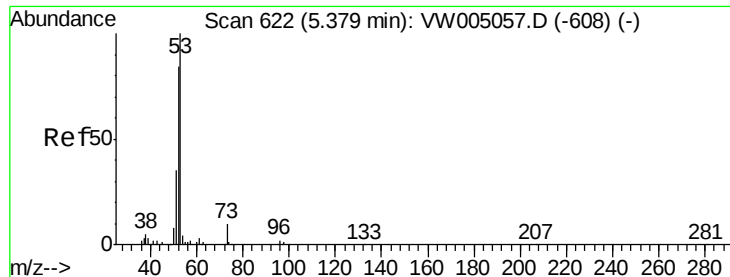
Ion Ratio Lower Upper

41 100

39 61.9 49.4 74.2

76 38.9 31.8 47.6





#15

Acrylonitrile

Concen: 49.982 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

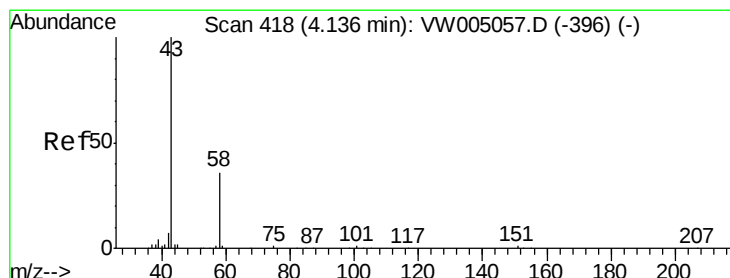
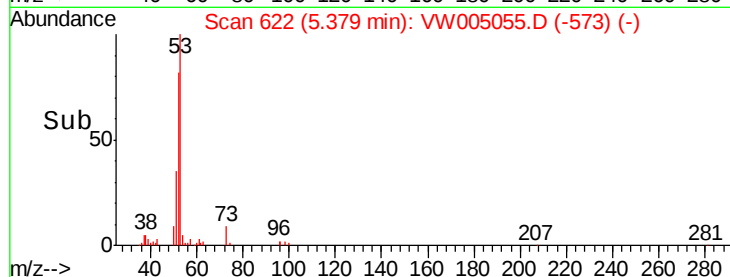
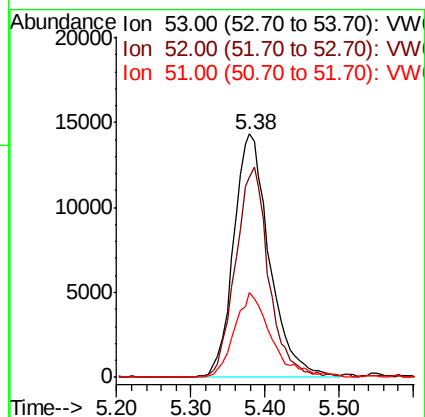
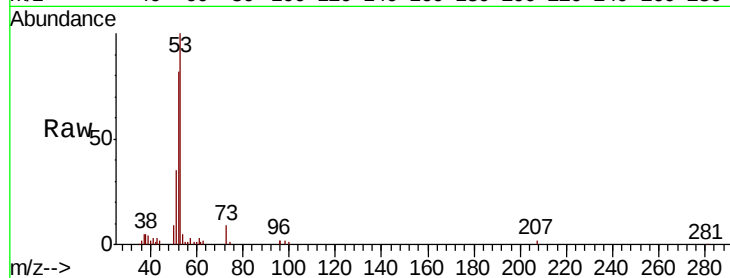
Tgt Ion: 53 Resp: 48328

Ion Ratio Lower Upper

53 100

52 79.8 65.7 98.5

51 35.7 28.8 43.2



#16

Acetone

Concen: 51.408 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005055.D

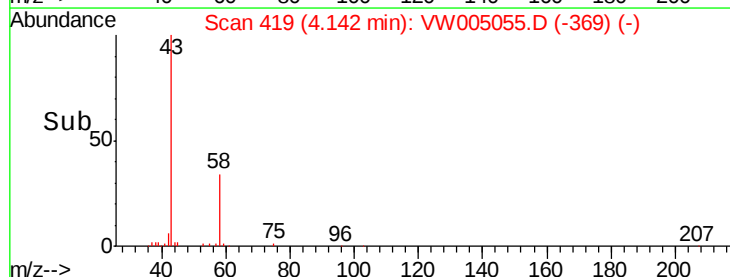
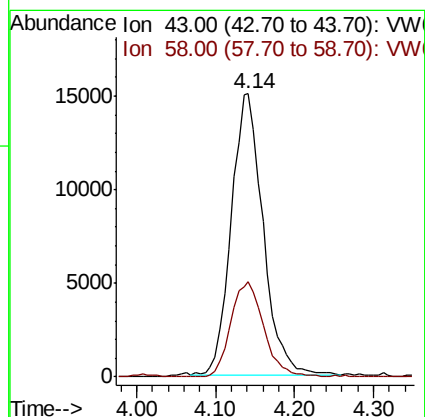
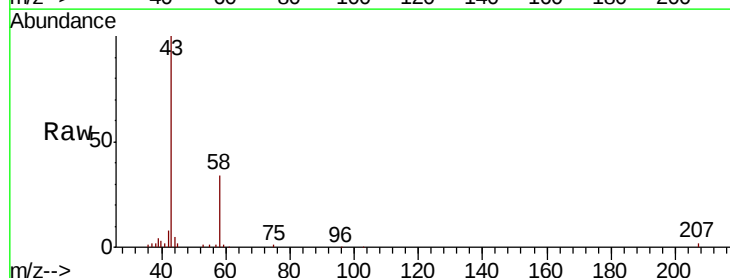
Acq: 01 Sep 2018 00:13

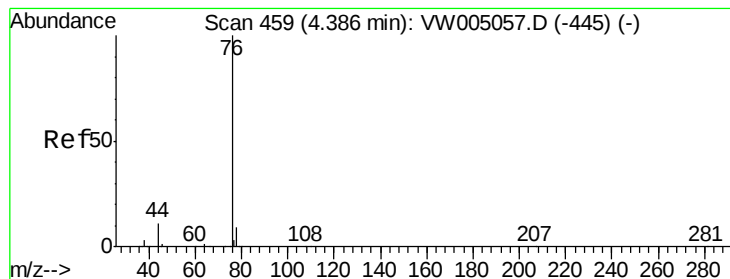
Tgt Ion: 43 Resp: 42329

Ion Ratio Lower Upper

43 100

58 34.1 29.0 43.6





#17

Carbon Disulfide

Concen: 9.857 ug/l

RT: 4.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

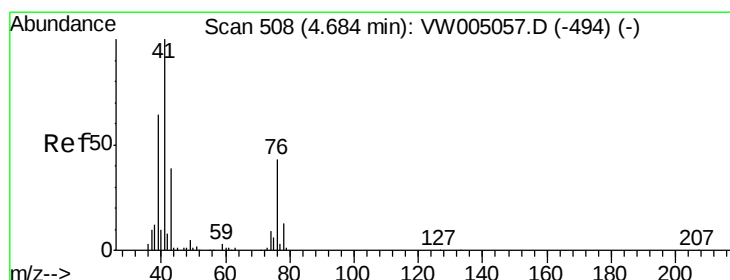
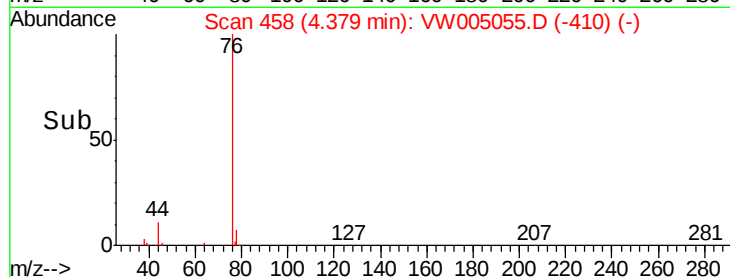
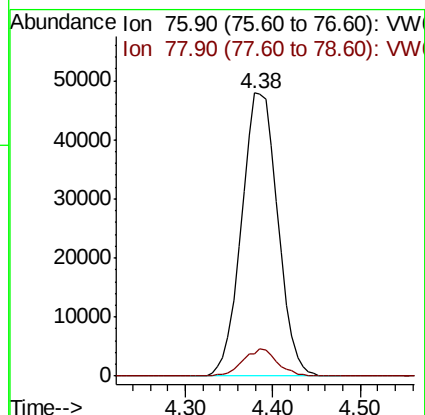
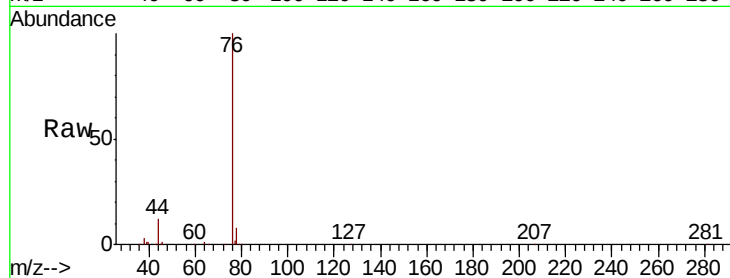
VSTDIC010

Tgt Ion: 76 Resp: 137554

Ion Ratio Lower Upper

76 100

78 8.0 7.3 10.9



#18

Methyl Acetate

Concen: 9.031 ug/l

RT: 4.68 min Scan# 508

Delta R.T. -0.00 min

Lab File: VW005055.D

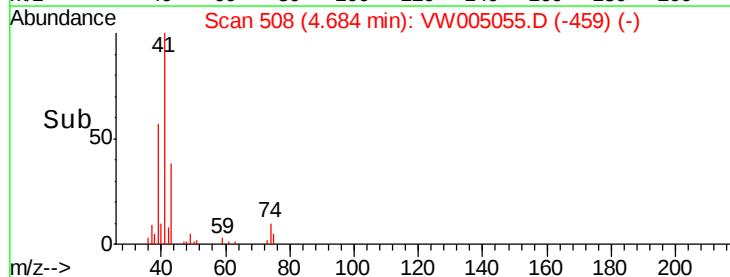
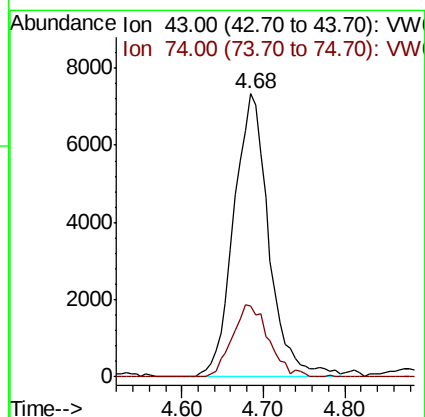
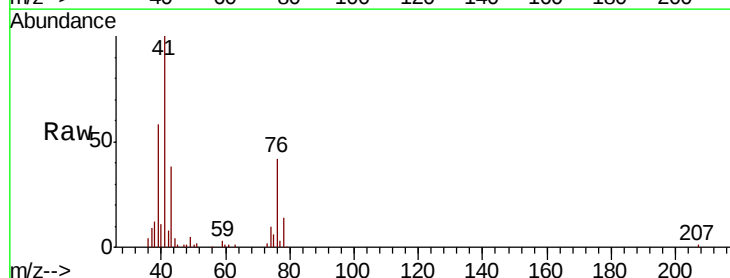
Acq: 01 Sep 2018 00:13

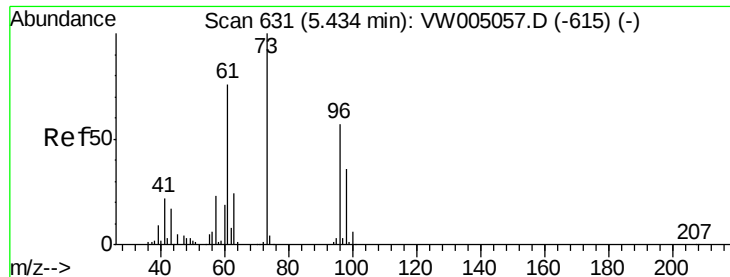
Tgt Ion: 43 Resp: 21874

Ion Ratio Lower Upper

43 100

74 26.4 20.7 31.1

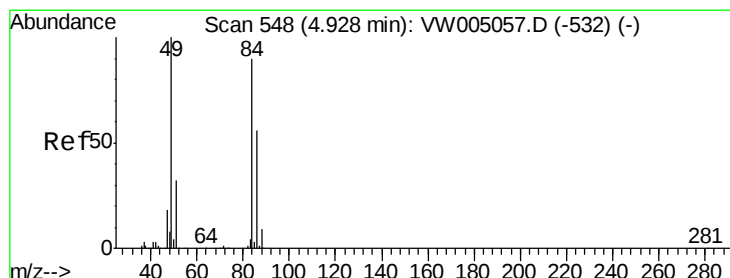
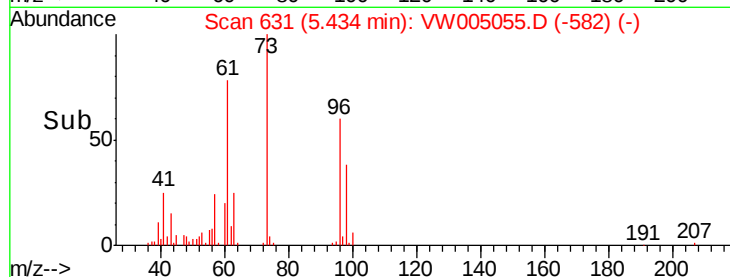
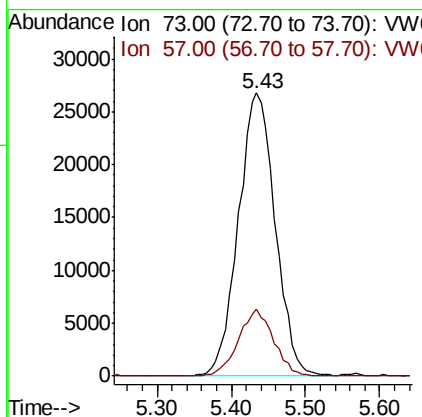
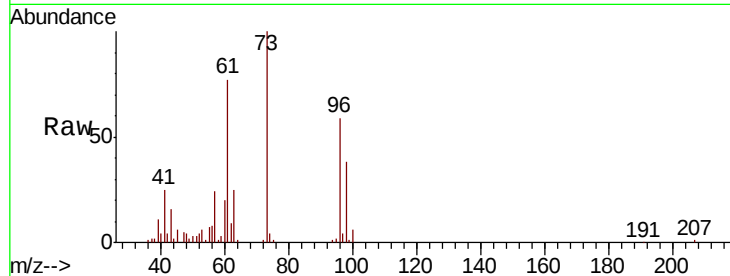




#19
Methyl tert-butyl Ether
Concen: 9.558 ug/l
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

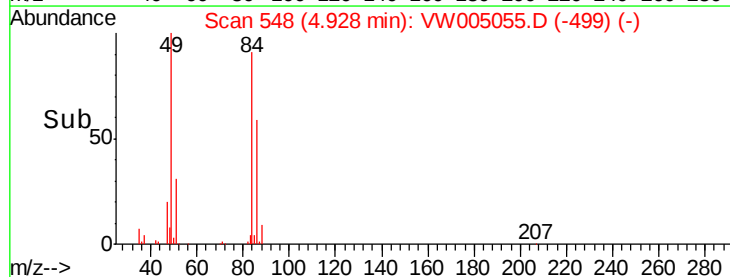
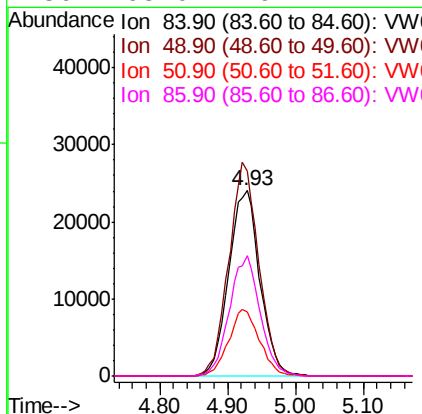
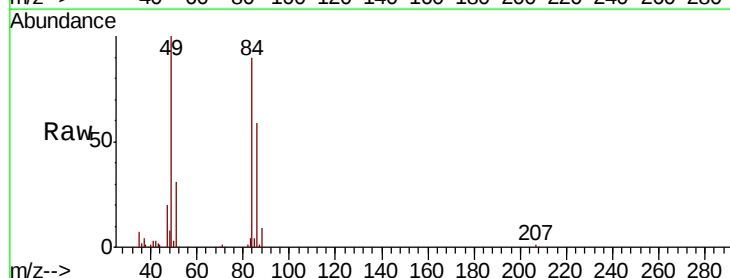
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

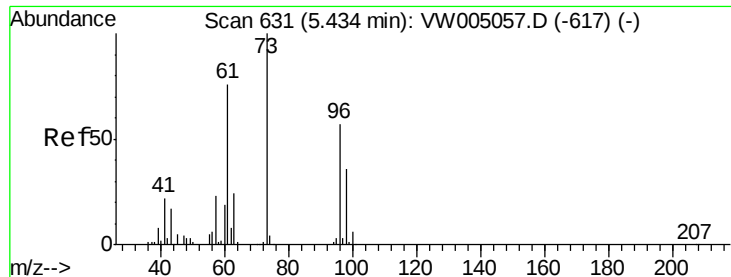
Tgt Ion: 73 Resp: 92950
Ion Ratio Lower Upper
73 100
57 23.8 18.1 27.1



#20
Methylene Chloride
Concen: 10.691 ug/l
RT: 4.93 min Scan# 548
Delta R.T. 0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion: 84 Resp: 76490
Ion Ratio Lower Upper
84 100
49 110.7 88.7 133.1
51 34.3 28.6 42.8
86 65.0 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 10.030 ug/l

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

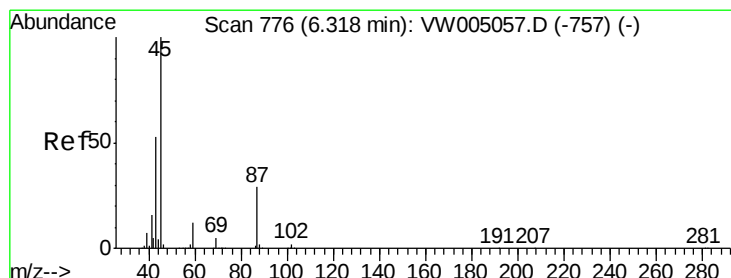
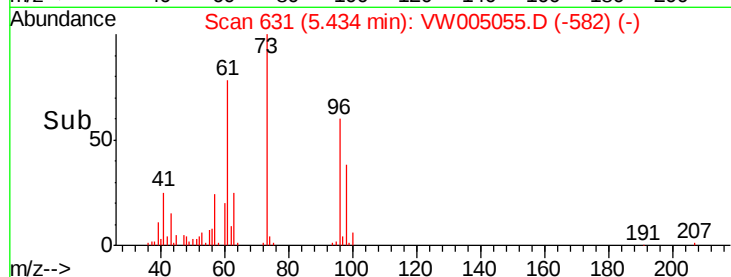
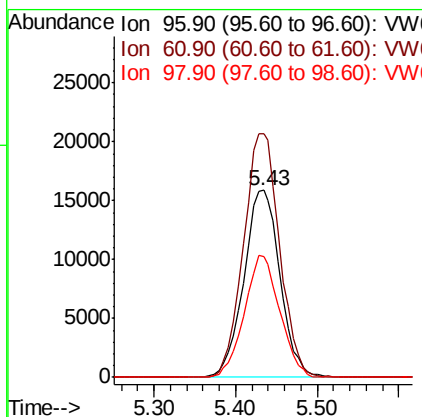
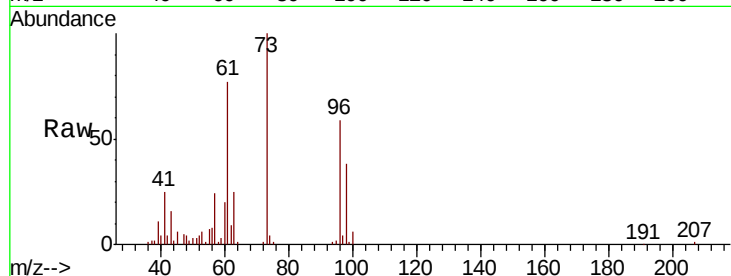
Tgt Ion: 96 Resp: 48943

Ion Ratio Lower Upper

96 100

61 130.0 106.3 159.5

98 64.3 50.9 76.3



#22

Diisopropyl ether

Concen: 9.524 ug/l

RT: 6.32 min Scan# 777

Delta R.T. 0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Tgt Ion: 45 Resp: 125474

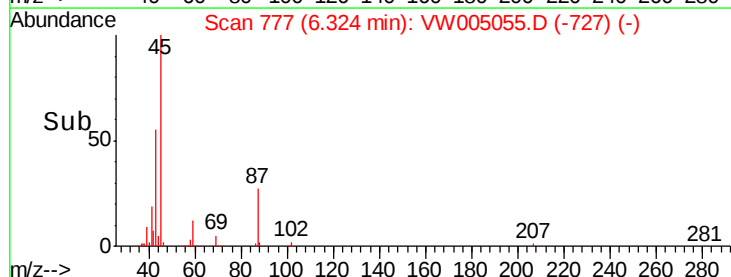
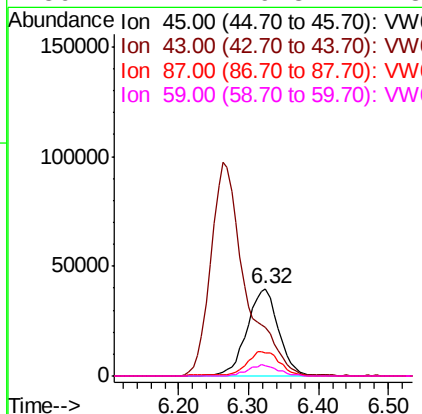
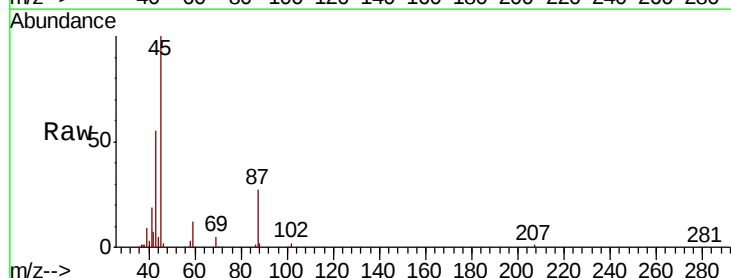
Ion Ratio Lower Upper

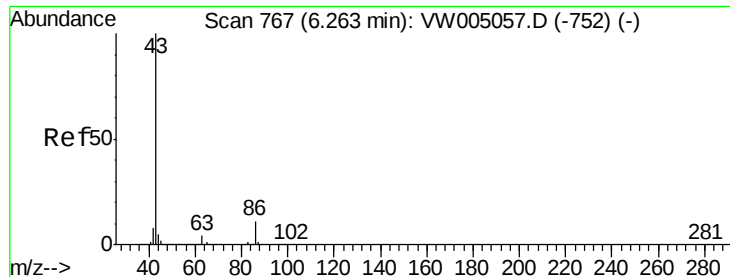
45 100

43 54.4 42.6 63.8

87 26.8 23.6 35.4

59 11.7 9.8 14.8





#23

Vinyl Acetate

Concen: 48.367 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

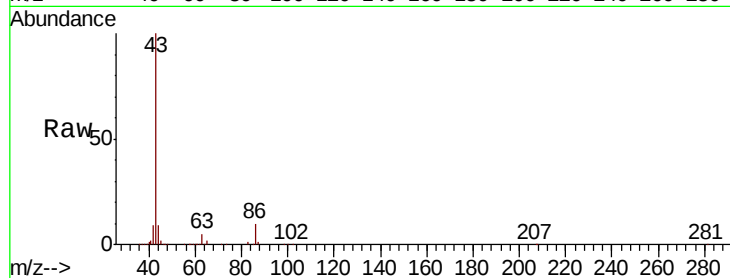
VSTDIC010

Tgt Ion: 43 Resp: 334687

Ion Ratio Lower Upper

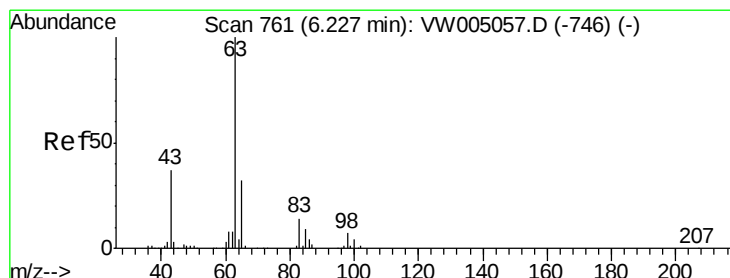
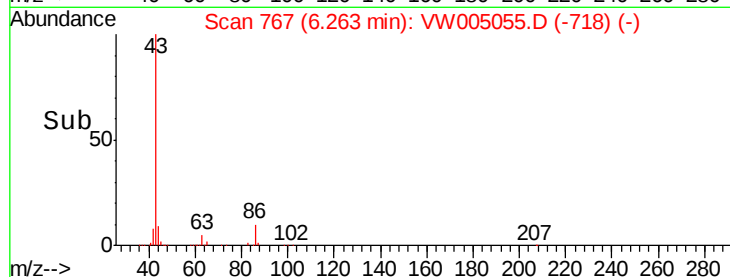
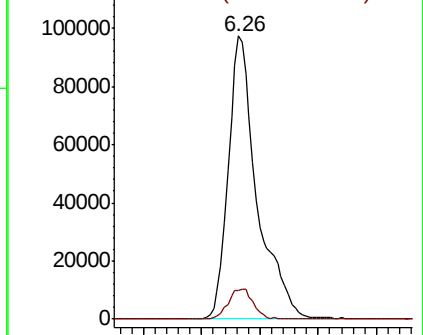
43 100

86 10.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 9.914 ug/l

RT: 6.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

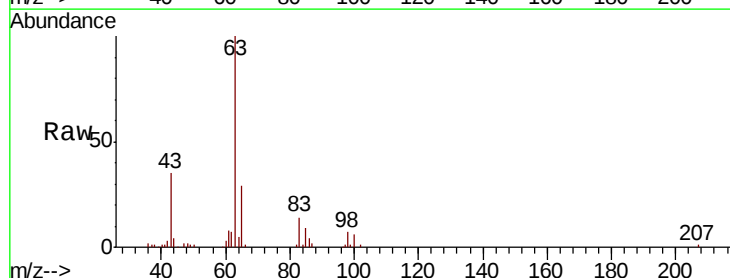
Tgt Ion: 63 Resp: 81632

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

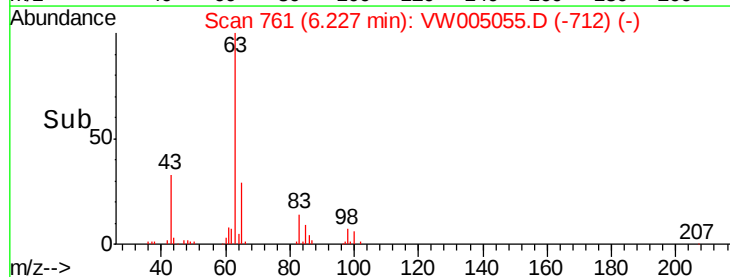
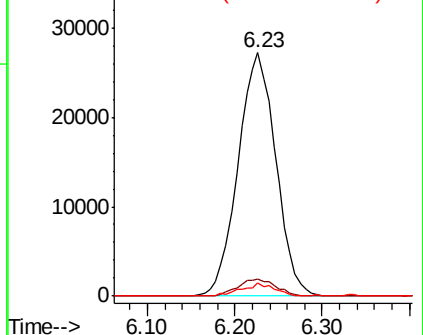
100 5.5 2.2 6.6

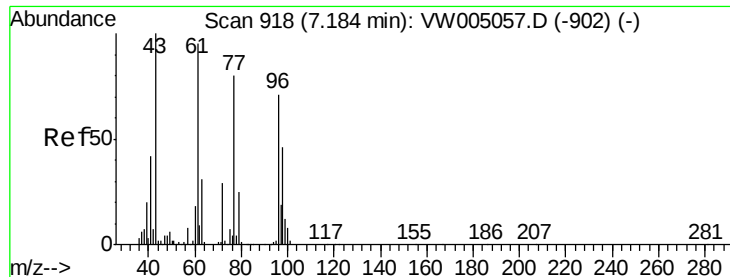


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 52.782 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

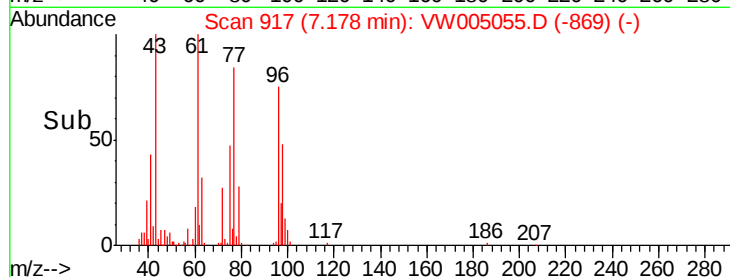
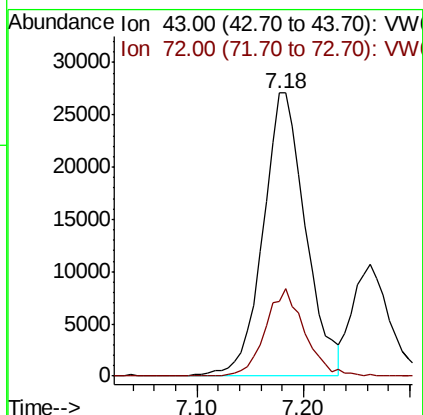
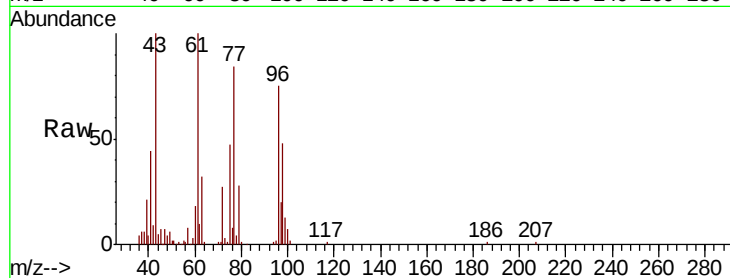
VSTDIC010

Tgt Ion: 43 Resp: 75382

Ion Ratio Lower Upper

43 100

72 26.6 23.1 34.7



#26

2,2-Dichloropropane

Concen: 10.235 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005055.D

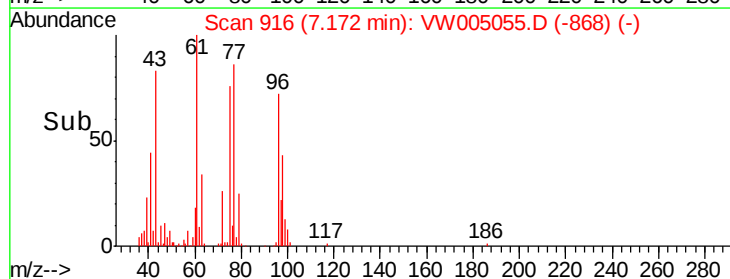
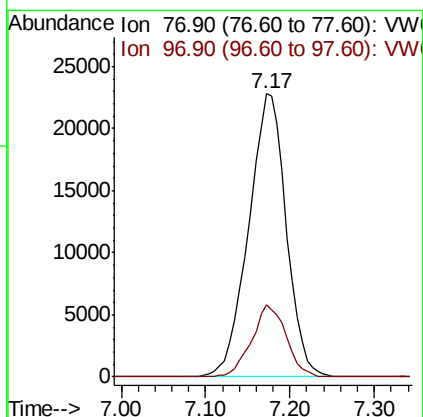
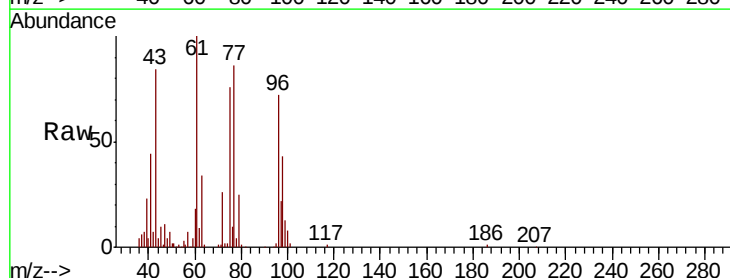
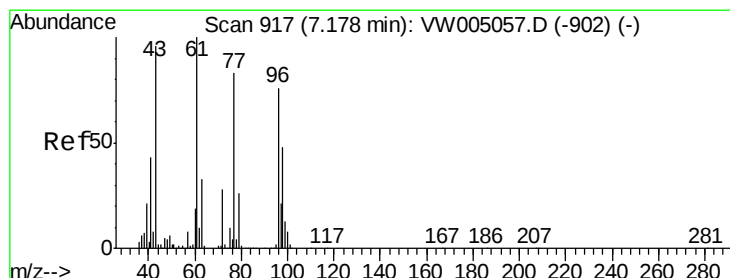
Acq: 01 Sep 2018 00:13

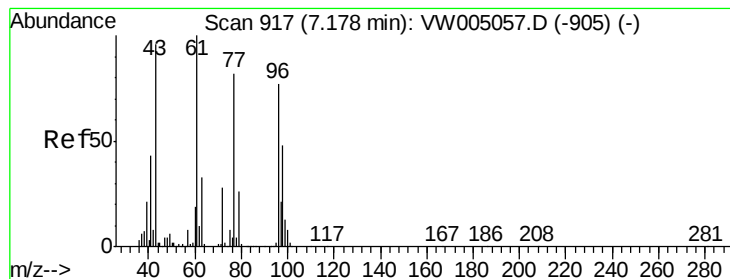
Tgt Ion: 77 Resp: 69260

Ion Ratio Lower Upper

77 100

97 23.4 12.2 36.6



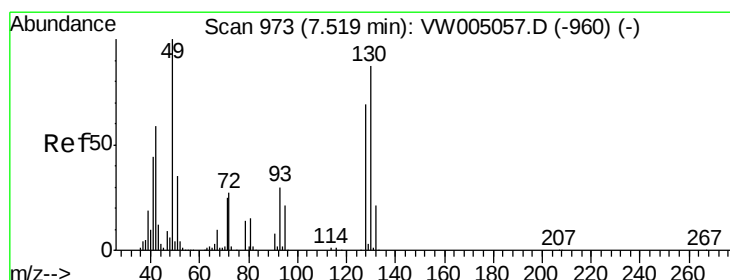
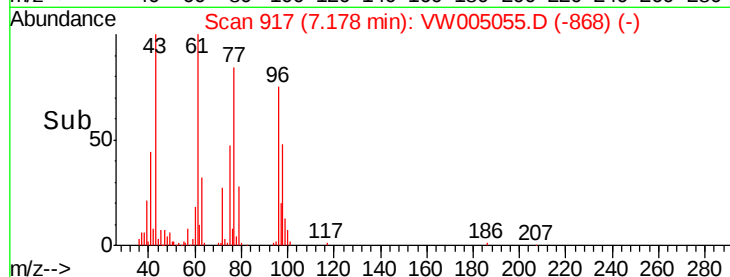
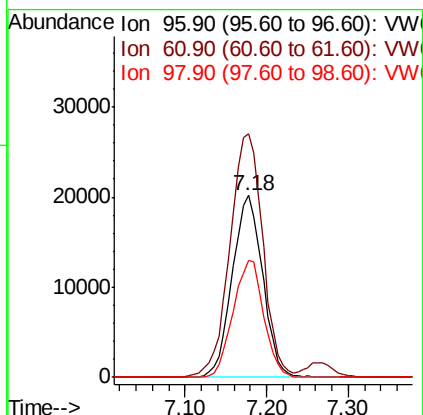
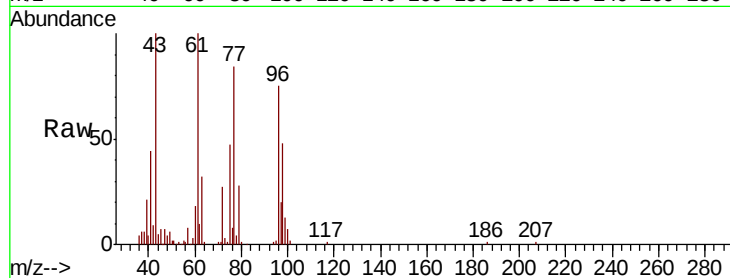


#27

cis-1,2-Dichloroethene
 Concen: 9.766 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

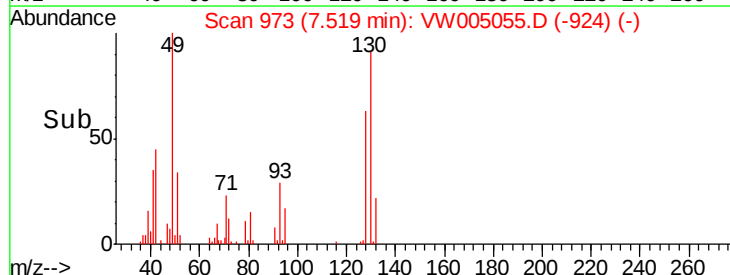
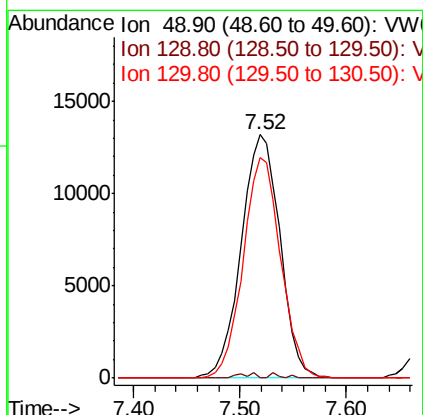
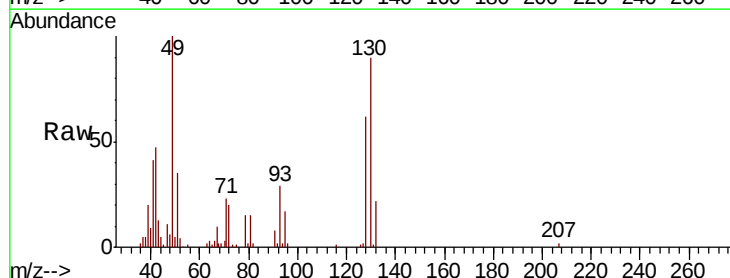
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	273.2
98	64.4	0.0	127.8

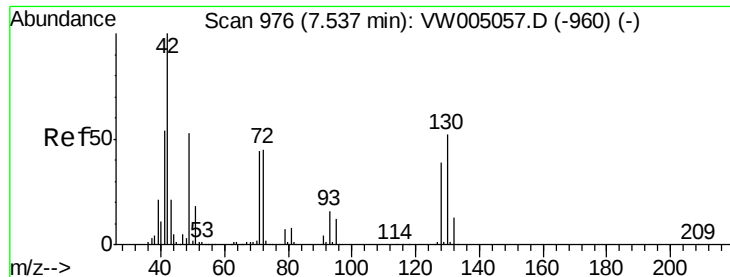


#28

Bromochloromethane
 Concen: 10.205 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.4
130	87.4	69.6	104.4

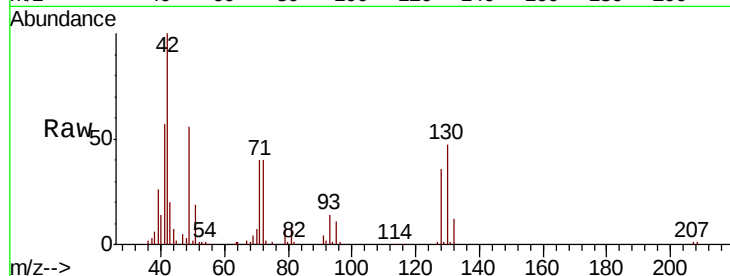




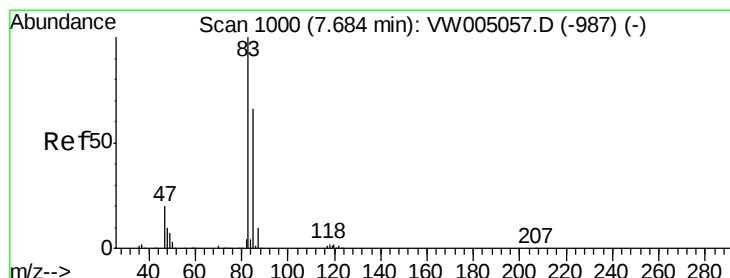
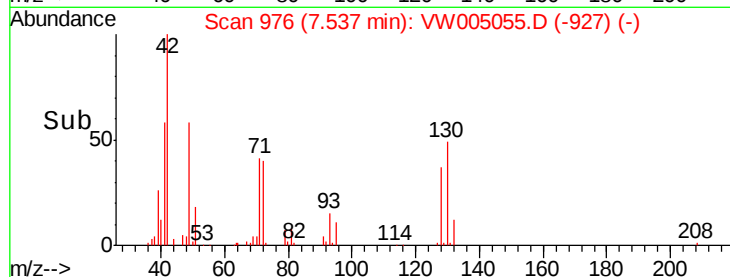
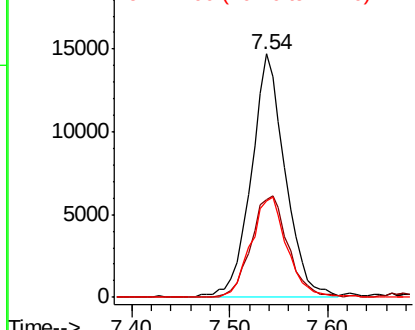
#29
Tetrahydrofuran
Concen: 48.592 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 35459
Ion Ratio Lower Upper
42 100
72 45.7 37.0 55.4
71 43.7 35.0 52.6

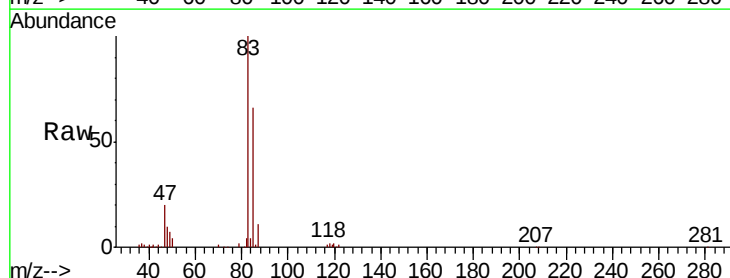


Abundance Ion 42.00 (41.70 to 42.70): VW
20000 Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

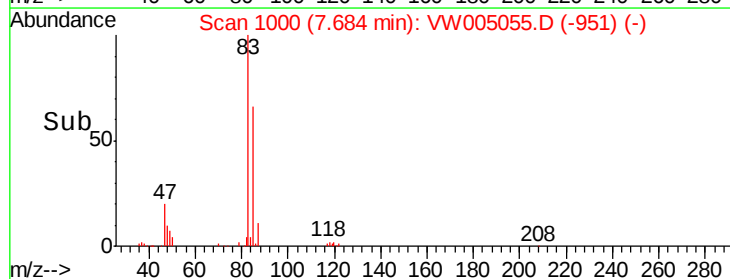
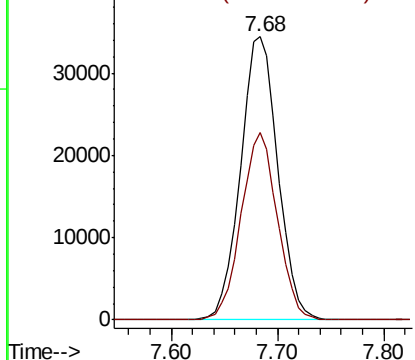


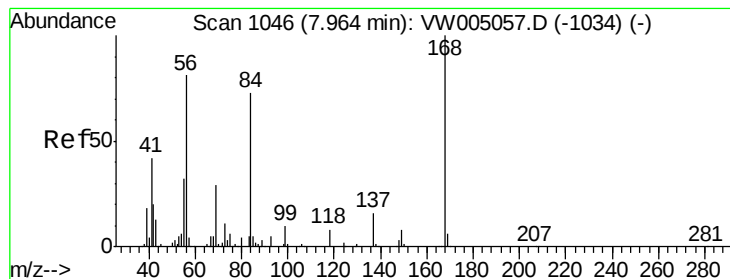
#30
Chloroform
Concen: 10.059 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion: 83 Resp: 84541
Ion Ratio Lower Upper
83 100
85 66.2 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VW
40000 Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 10.042 ug/l

RT: 7.96 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

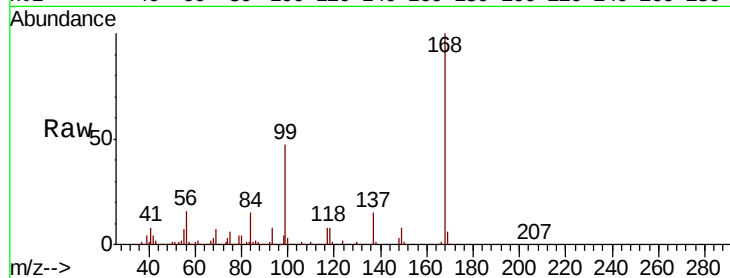
Tgt Ion: 56 Resp: 80980

Ion Ratio Lower Upper

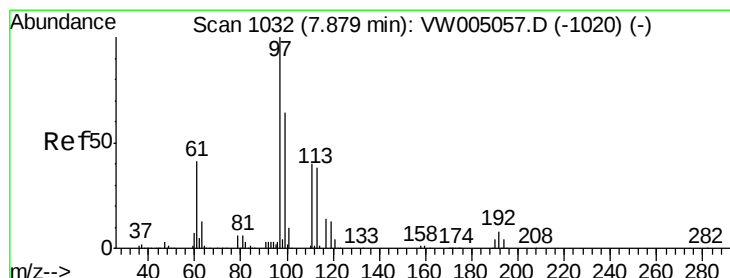
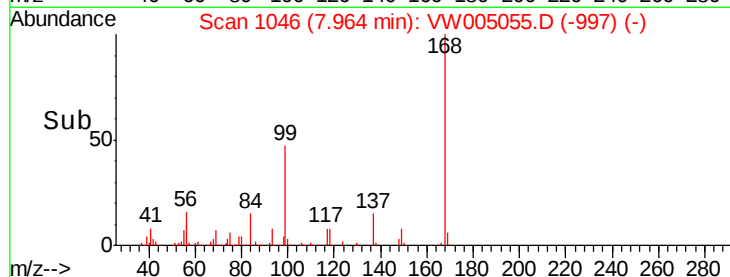
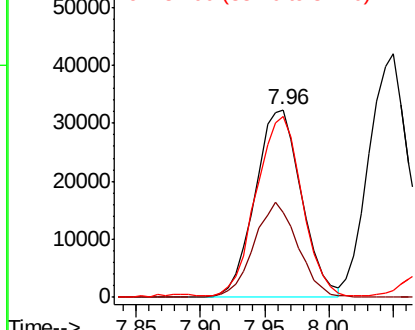
56 100

69 45.3 28.2 42.2#

84 95.3 71.8 107.8



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



#32

1,1,1-Trichloroethane

Concen: 10.254 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

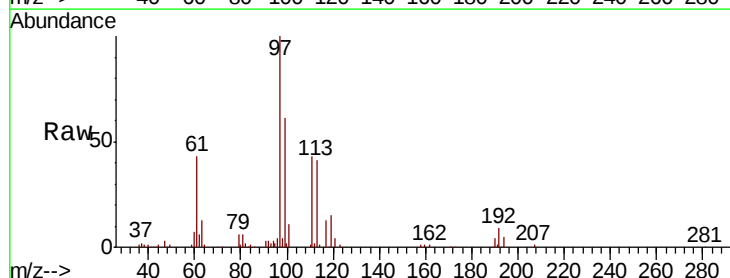
Tgt Ion: 97 Resp: 75059

Ion Ratio Lower Upper

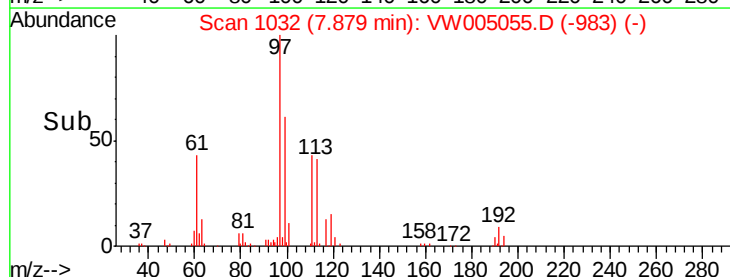
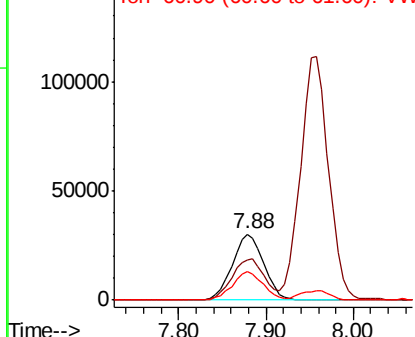
97 100

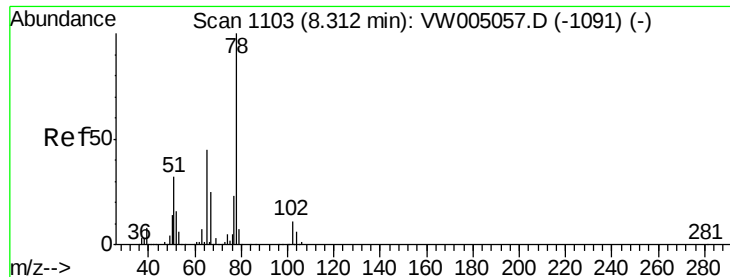
99 66.2 51.8 77.8

61 42.0 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 10.609 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

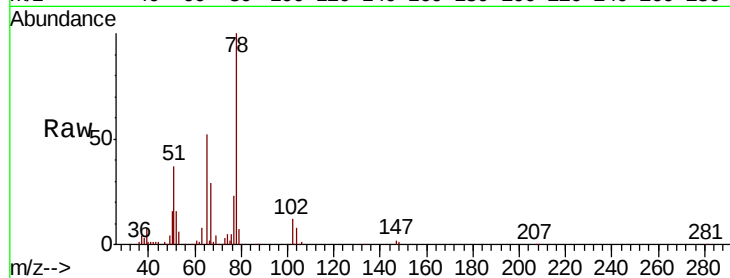
VSTDIC010

Tgt Ion: 65 Resp: 43557

Ion Ratio Lower Upper

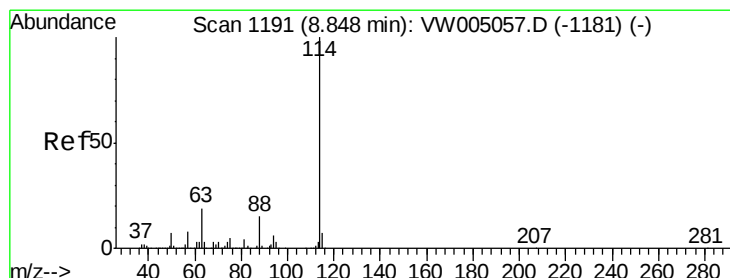
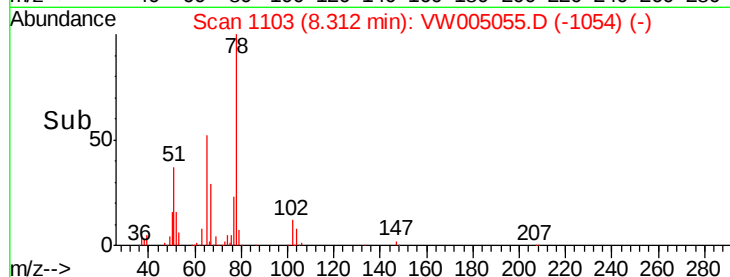
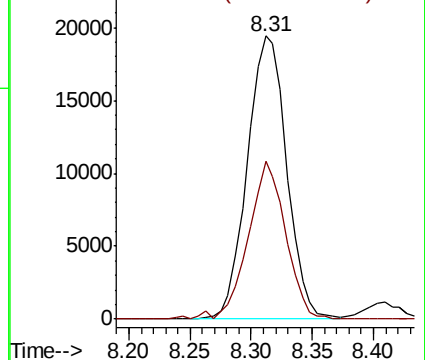
65 100

67 53.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

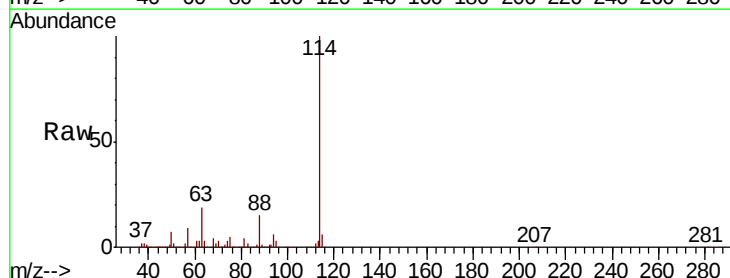
Tgt Ion: 114 Resp: 716537

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

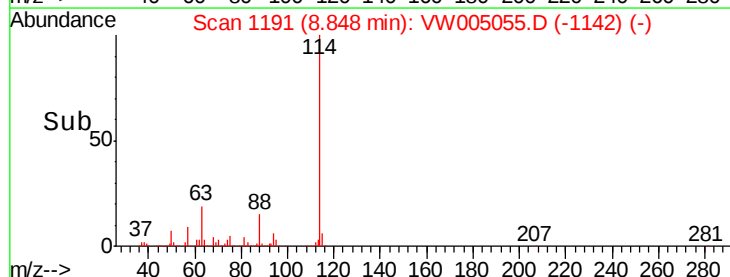
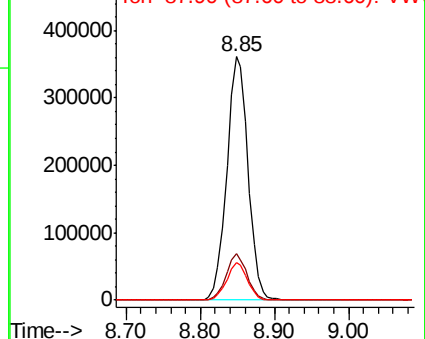
88 15.5 0.0 30.2

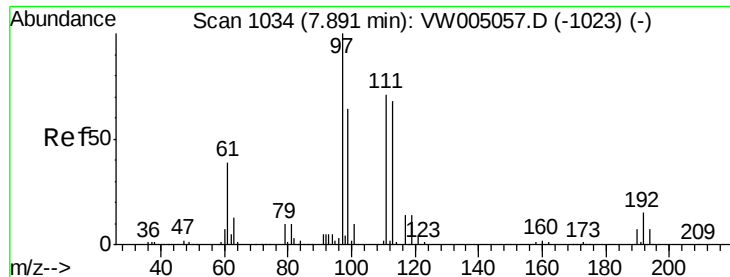


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

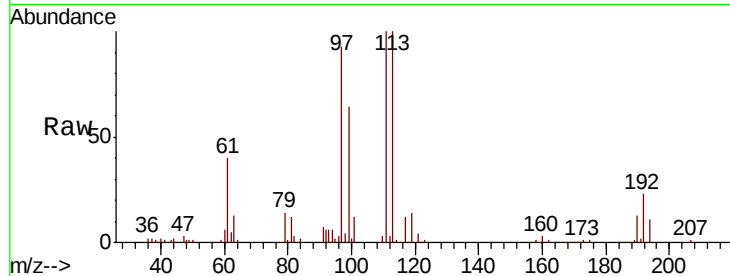




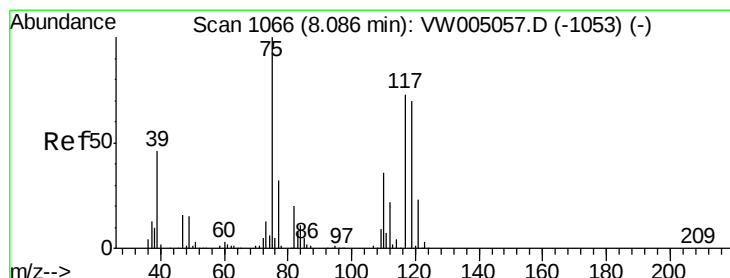
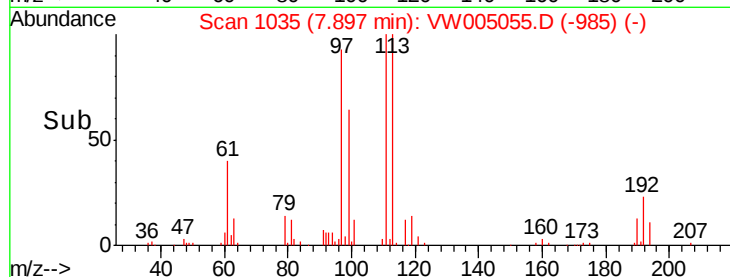
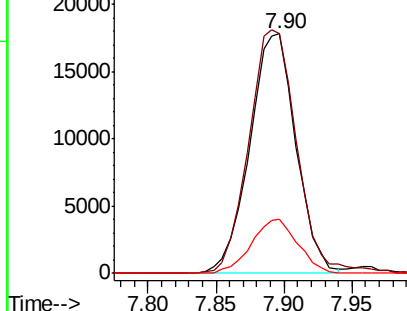
#35
 Dibromofluoromethane
 Concen: 10.217 ug/l
 RT: 7.90 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 113 Resp: 42306
 Ion Ratio Lower Upper
 113 100
 111 105.5 82.2 123.2
 192 22.4 18.1 27.1

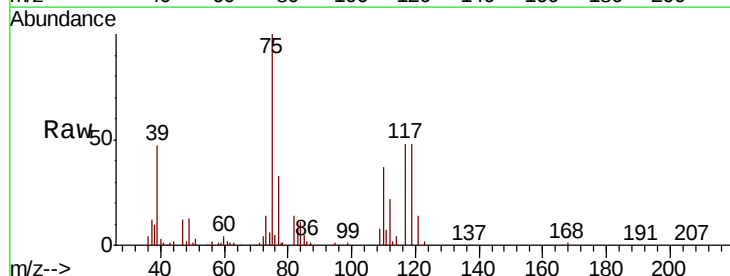


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

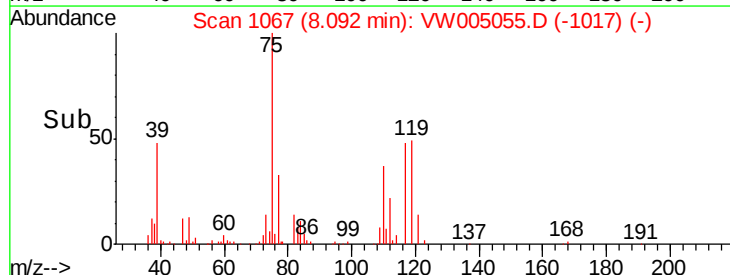
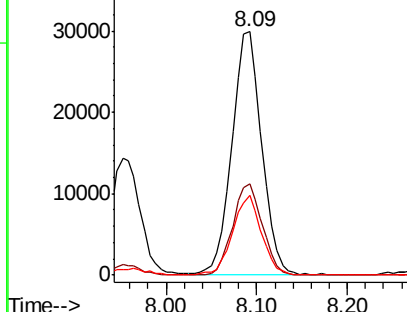


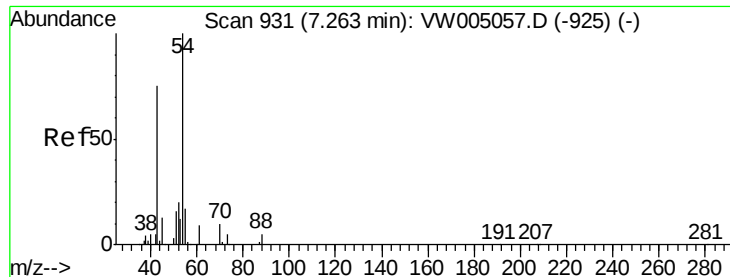
#36
 1,1-Dichloropropene
 Concen: 10.035 ug/l
 RT: 8.09 min Scan# 1067
 Delta R.T. 0.01 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion: 75 Resp: 68478
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.9 56.7
 77 31.7 25.5 38.3



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

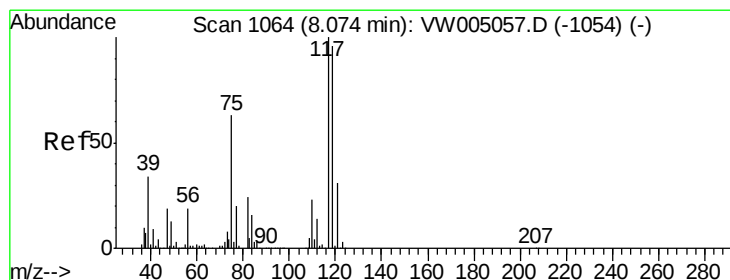
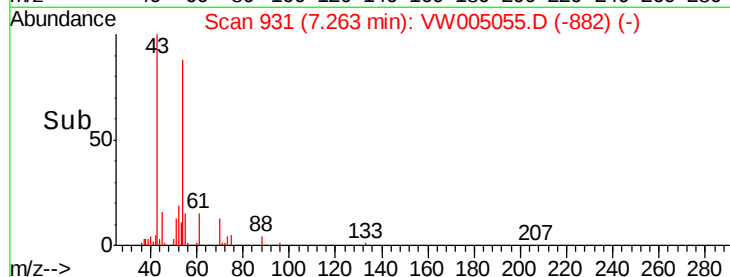
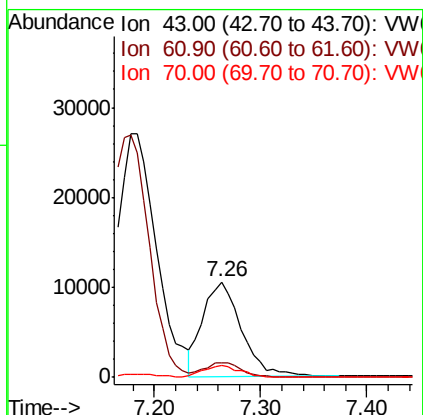
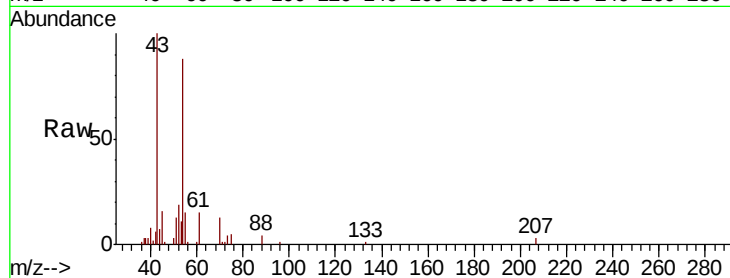




#37
 Ethyl Acetate
 Concen: 10.370 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

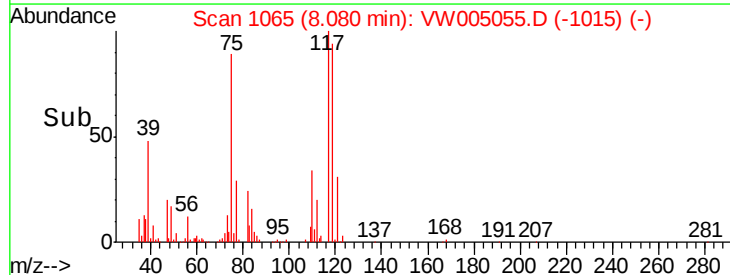
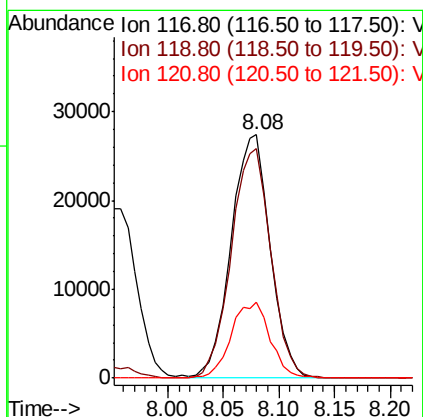
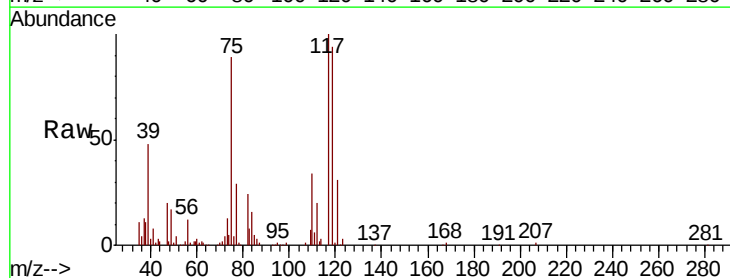
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

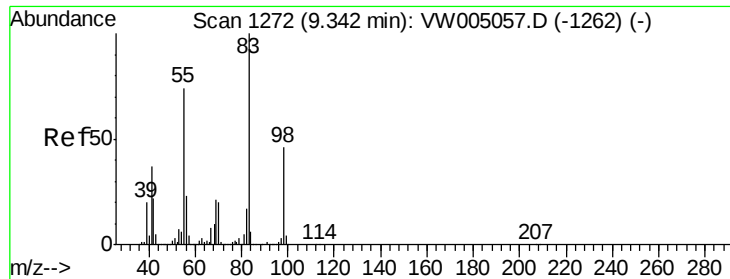
Tgt Ion: 43 Resp: 26465
 Ion Ratio Lower Upper
 43 100
 61 15.3 12.1 18.1
 70 12.2 9.4 14.2



#38
 Carbon Tetrachloride
 Concen: 10.279 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.01 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion: 117 Resp: 66700
 Ion Ratio Lower Upper
 117 100
 119 94.3 76.6 115.0
 121 31.1 24.8 37.2

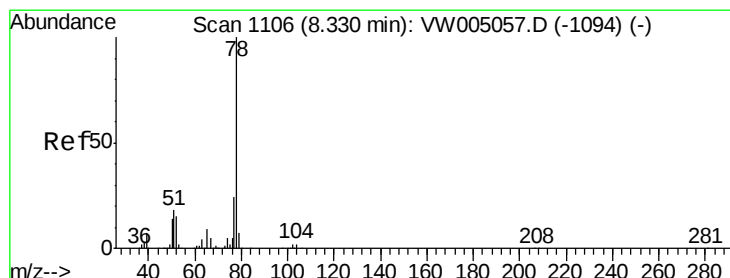
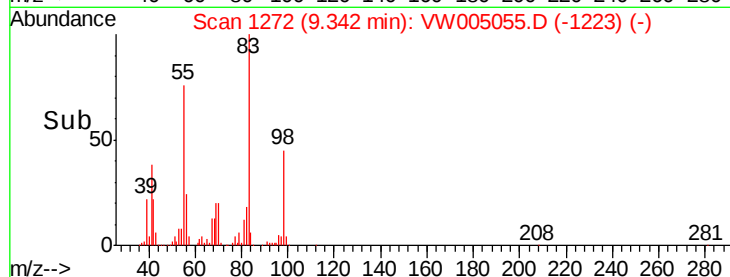
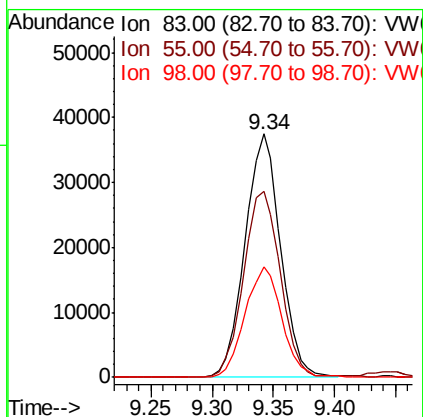
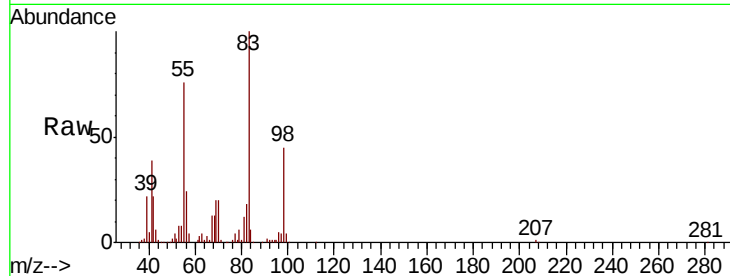




#39
Methylcyclohexane
Concen: 9.183 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

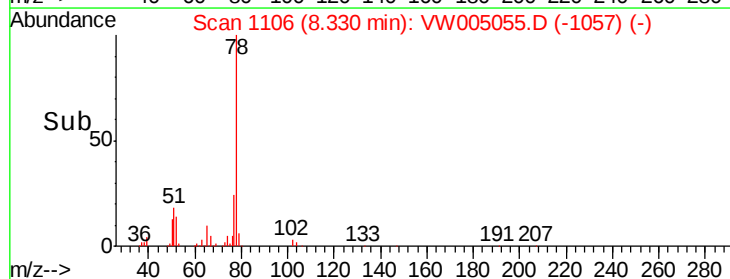
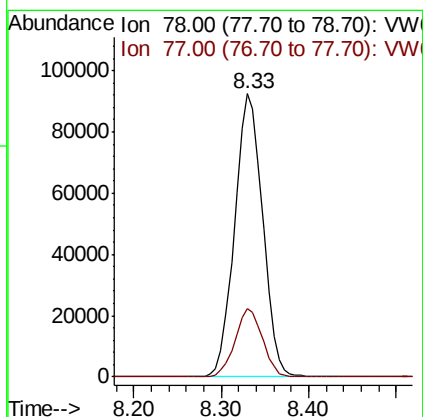
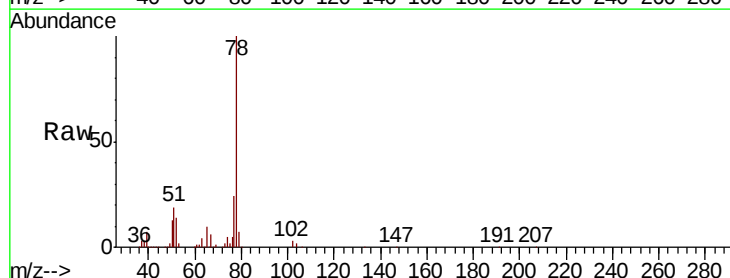
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

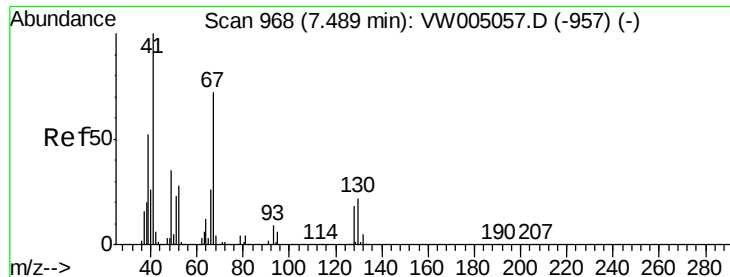
Tgt Ion: 83 Resp: 75789
Ion Ratio Lower Upper
83 100
55 76.3 58.9 88.3
98 45.1 36.8 55.2



#40
Benzene
Concen: 9.875 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion: 78 Resp: 206313
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

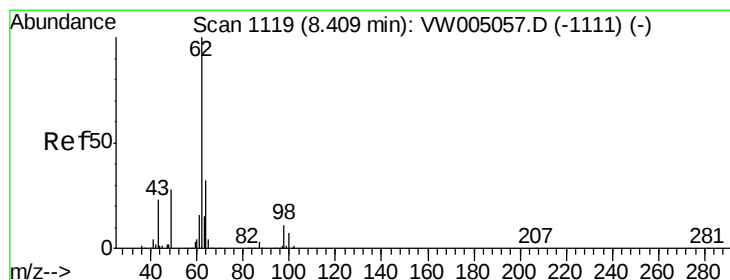
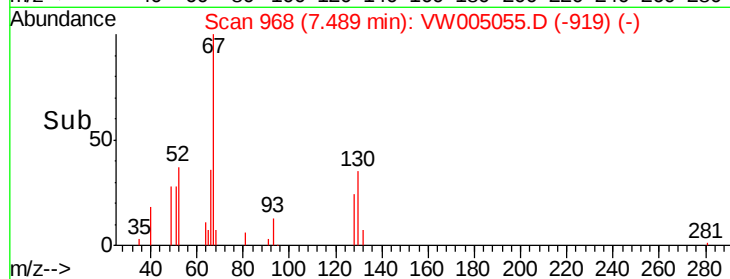
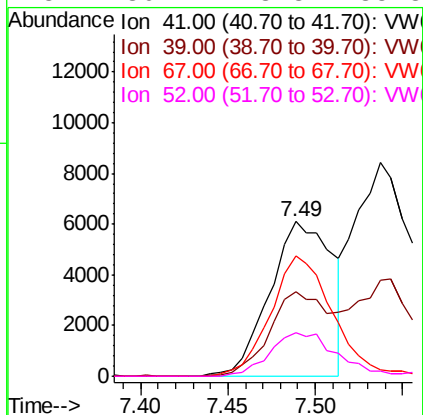
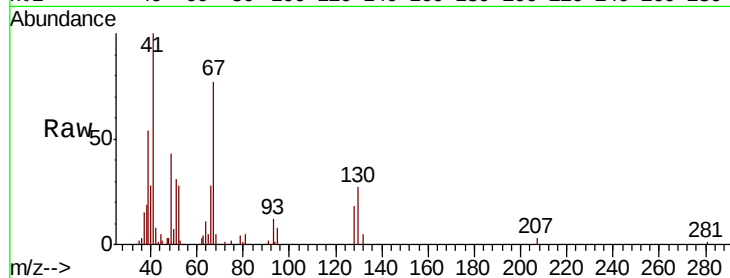




#41
Methacrylonitrile
Concen: 10.271 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

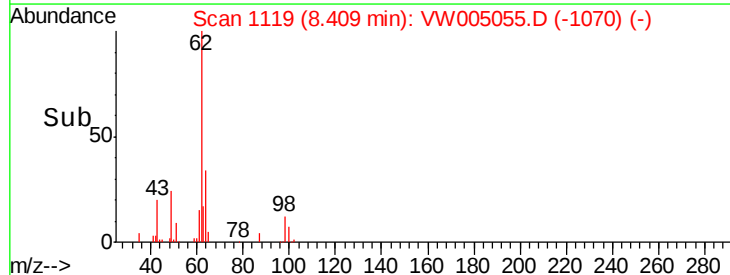
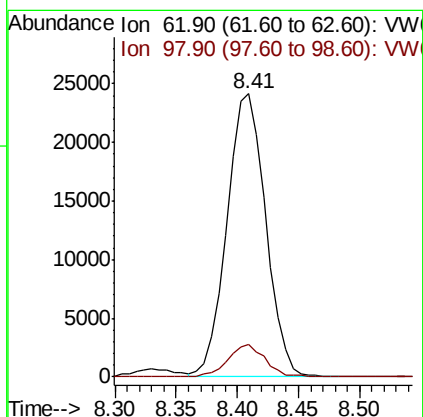
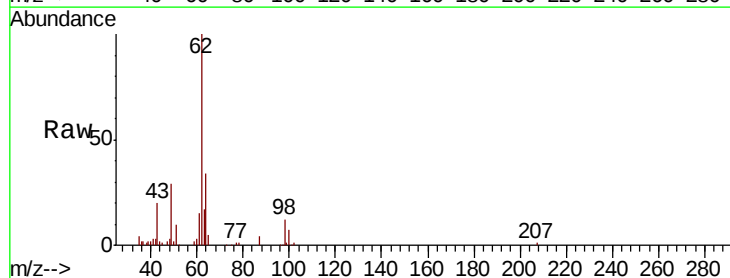
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

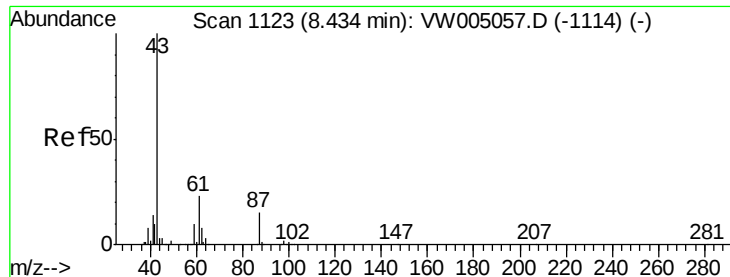
Tgt Ion:	41	Resp:	15188
Ion	Ratio	Lower	Upper
41	100		
39	53.5	41.8	62.8
67	77.5	60.4	90.6
52	30.7	23.8	35.8



#42
1,2-Dichloroethane
Concen: 10.358 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion:	62	Resp:	52961
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.8





#43

Isopropyl Acetate

Concen: 9.836 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

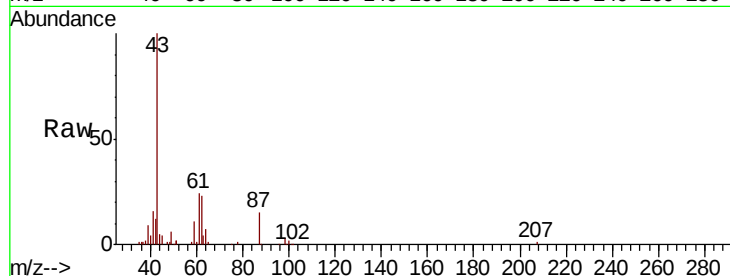
Tgt Ion: 43 Resp: 45679

Ion Ratio Lower Upper

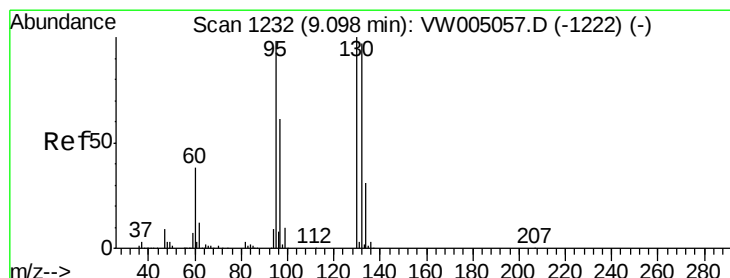
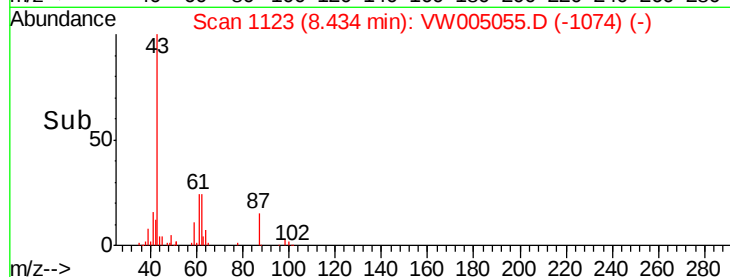
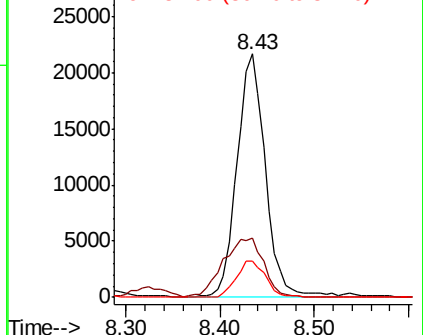
43 100

61 34.8 26.8 40.2

87 15.6 11.6 17.4



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: 9.914 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005055.D

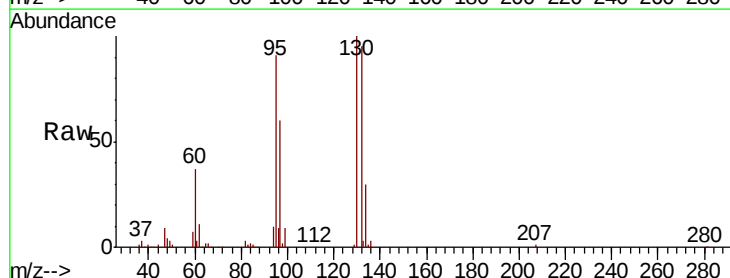
Acq: 01 Sep 2018 00:13

Tgt Ion: 130 Resp: 55885

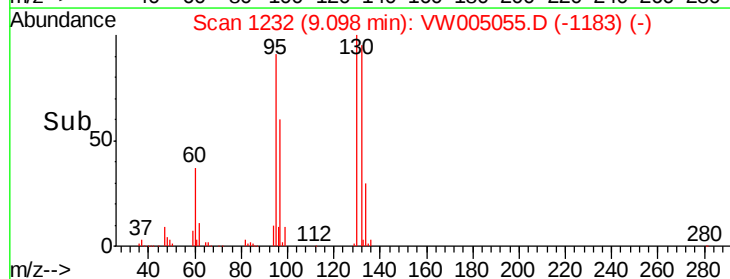
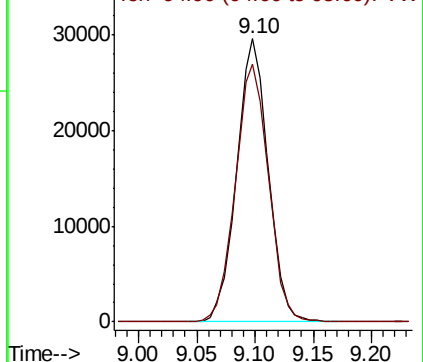
Ion Ratio Lower Upper

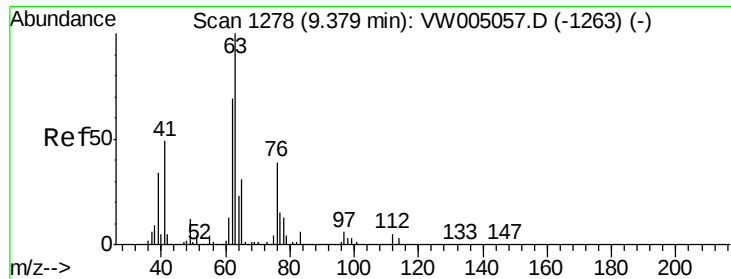
130 100

95 91.0 0.0 195.2



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

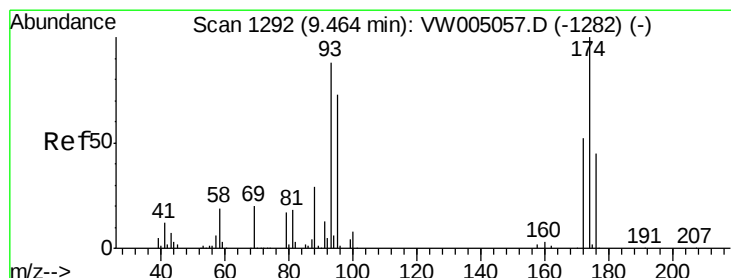
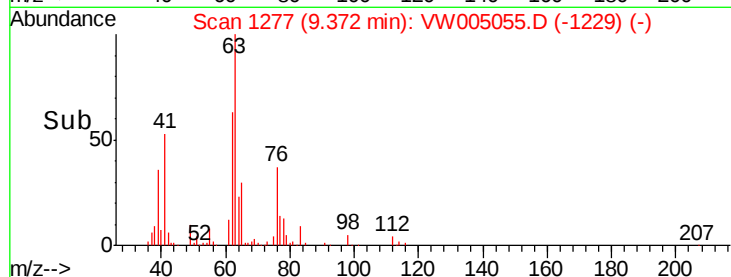
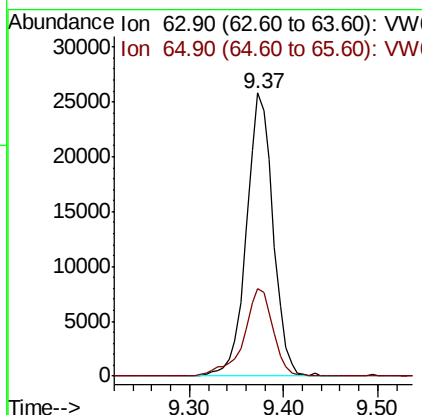
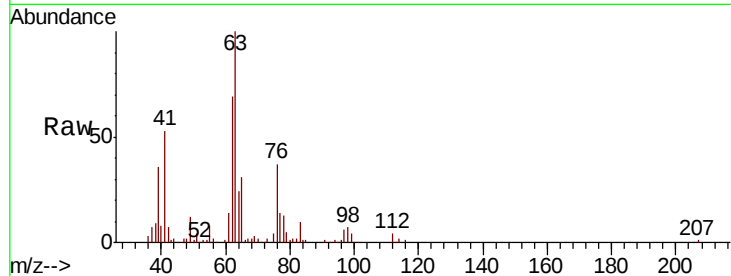




#45
 1,2-Dichloropropane
 Concen: 9.999 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

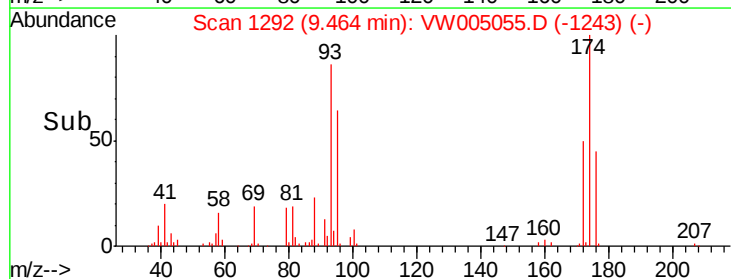
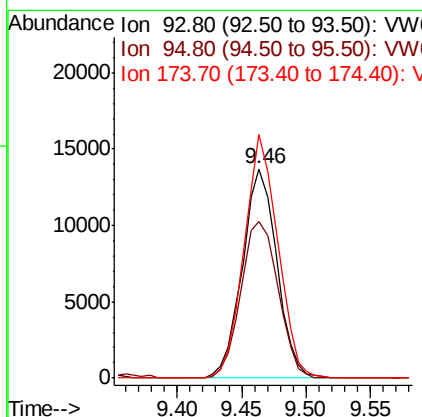
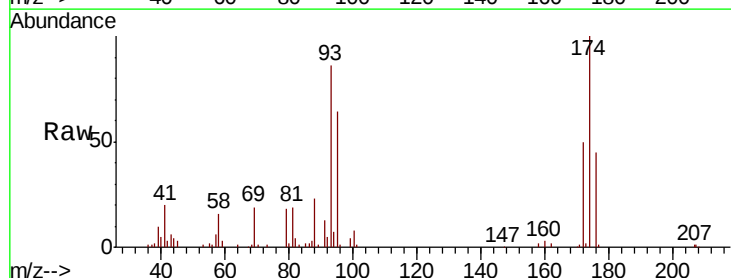
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

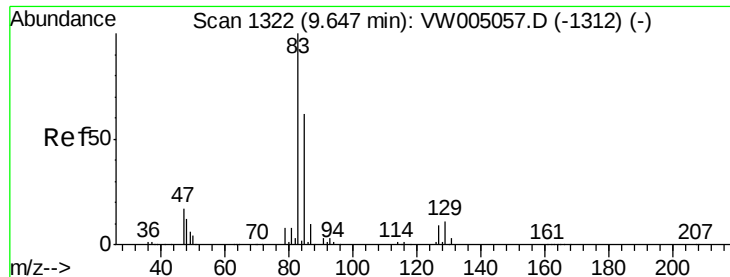
Tgt Ion: 63 Resp: 51034
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 37.0



#46
 Dibromomethane
 Concen: 10.423 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion: 93 Resp: 25436
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.2 99.4
 174 112.9 92.0 138.0





#47

Bromodichloromethane

Concen: 10.032 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

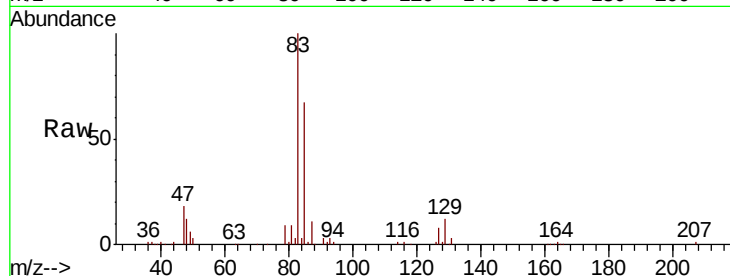
Tgt Ion: 83 Resp: 61646

Ion Ratio Lower Upper

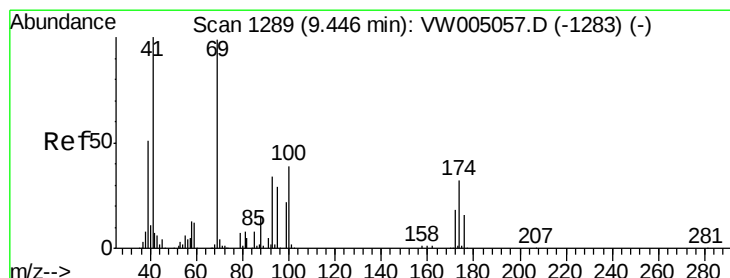
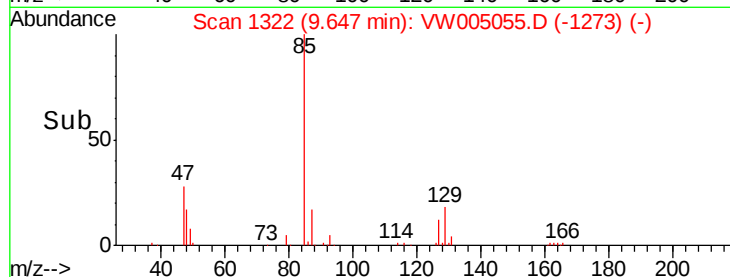
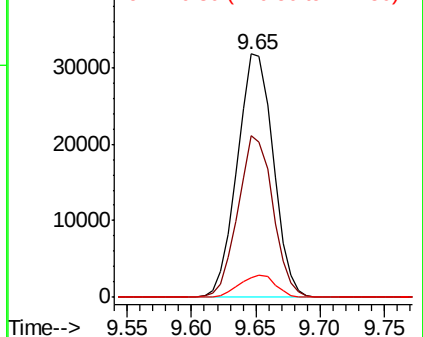
83 100

85 66.6 49.8 74.6

127 8.0 7.0 10.4



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): VW



#48

Methyl methacrylate

Concen: 9.205 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

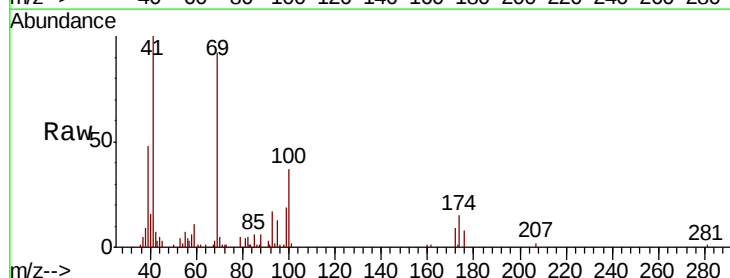
Tgt Ion: 41 Resp: 20584

Ion Ratio Lower Upper

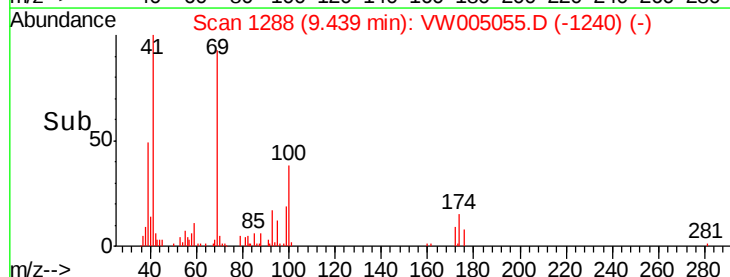
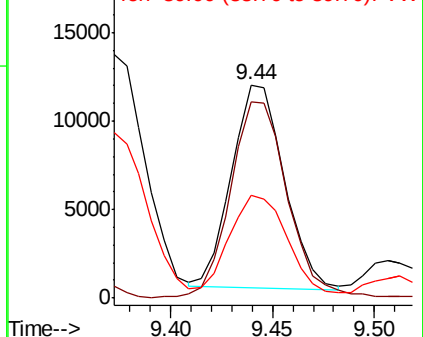
41 100

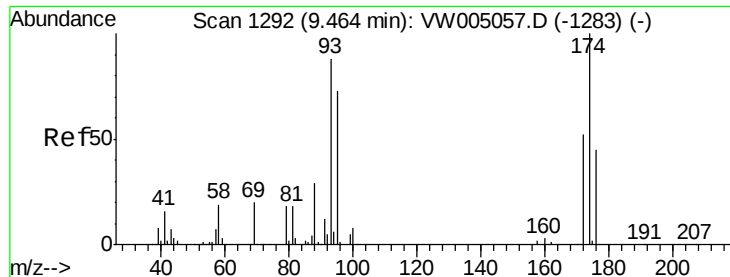
69 105.2 80.4 120.6

39 58.4 43.5 65.3



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

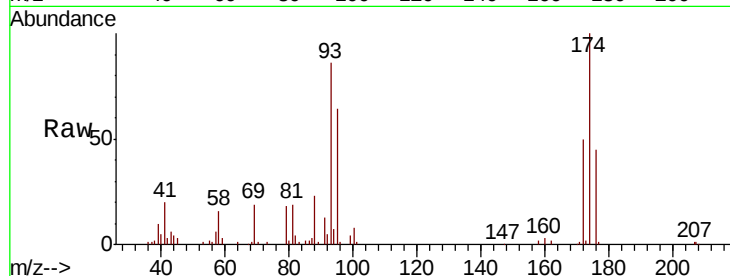




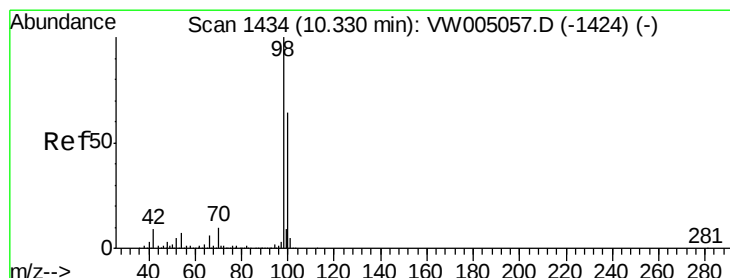
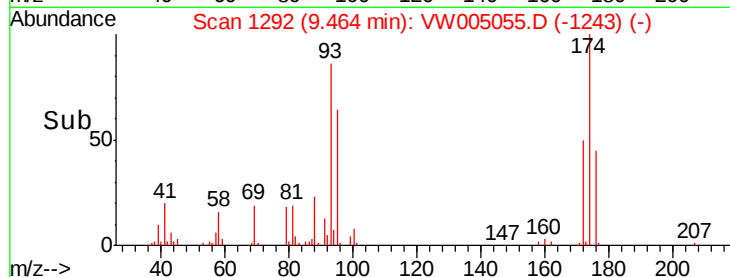
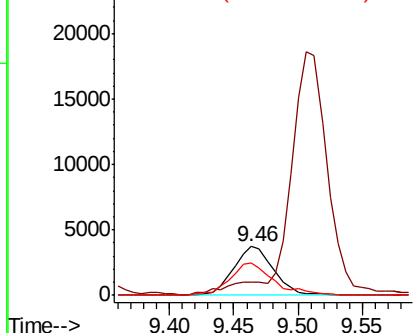
#49
 1,4-Dioxane
 Concen: 202.911 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 88 Resp: 8008
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.8 29.6#
 58 73.3 57.1 85.7

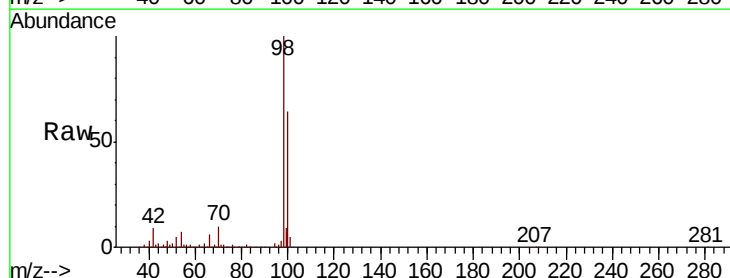


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

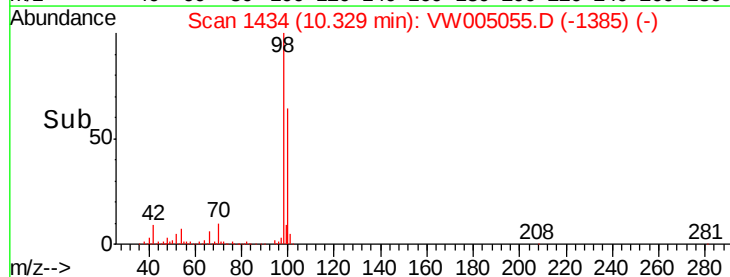
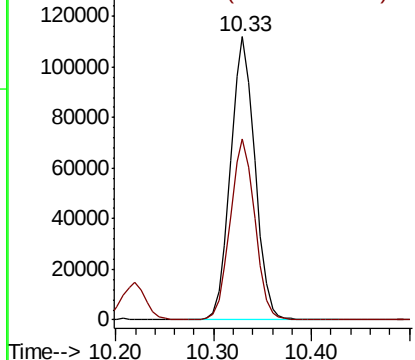


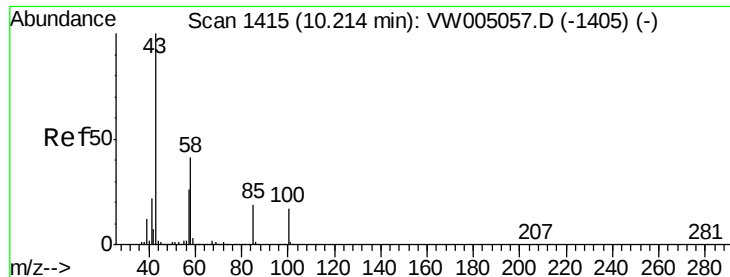
#50
 Toluene-d8
 Concen: 10.139 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion: 98 Resp: 193441
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

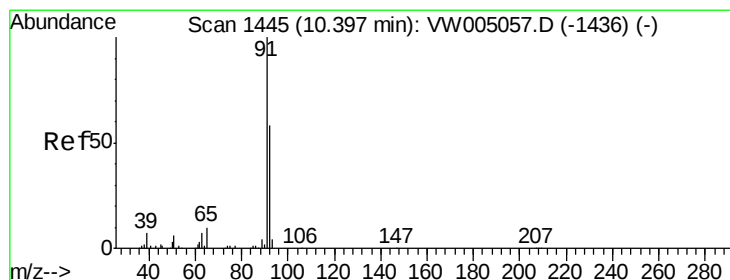
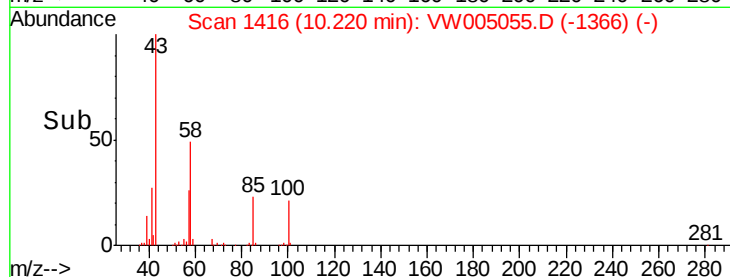
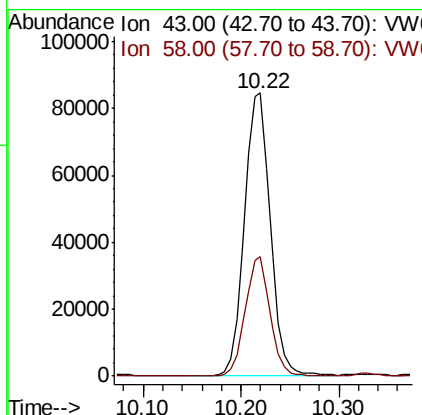
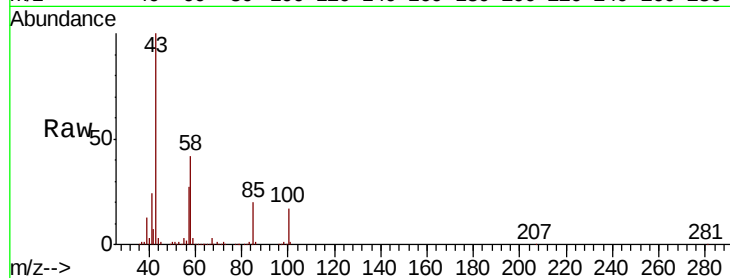




#51
 4-Methyl-2-Pentanone
 Concen: 49.680 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

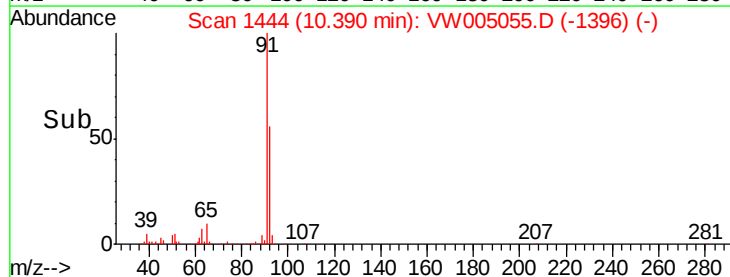
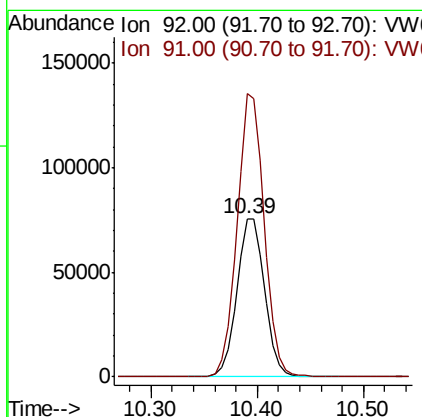
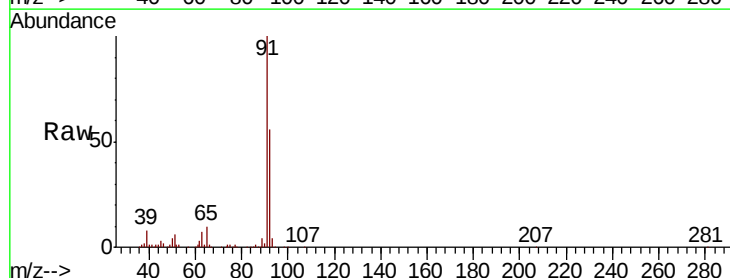
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

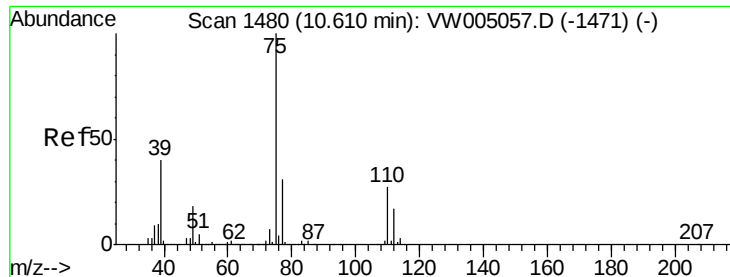
Tgt Ion: 43 Resp: 154627
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.3 49.9



#52
 Toluene
 Concen: 9.735 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion: 92 Resp: 137809
 Ion Ratio Lower Upper
 92 100
 91 175.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 9.394 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

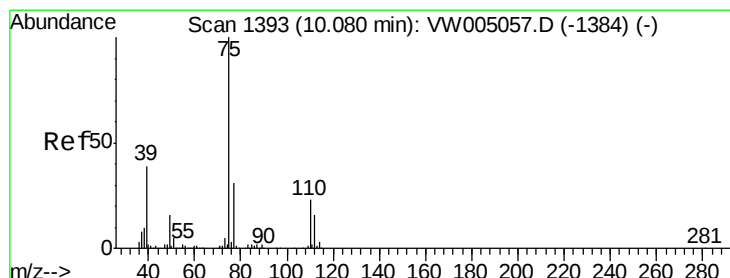
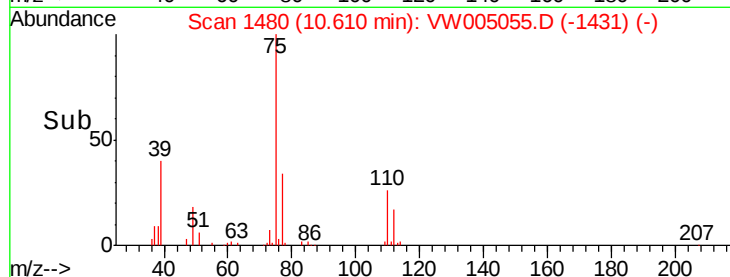
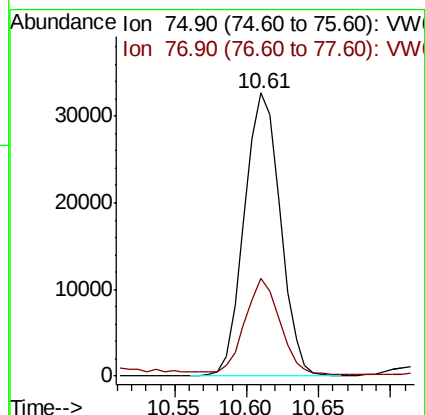
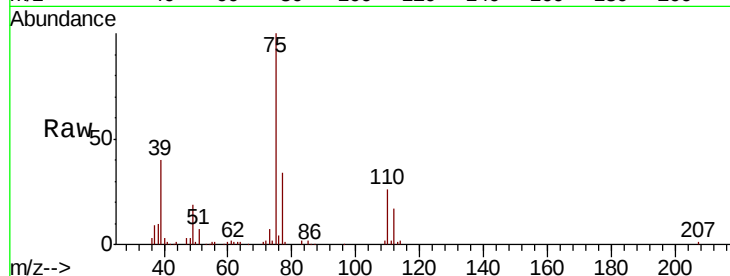
VSTDIC010

Tgt Ion: 75 Resp: 56722

Ion Ratio Lower Upper

75 100

77 33.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 9.647 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

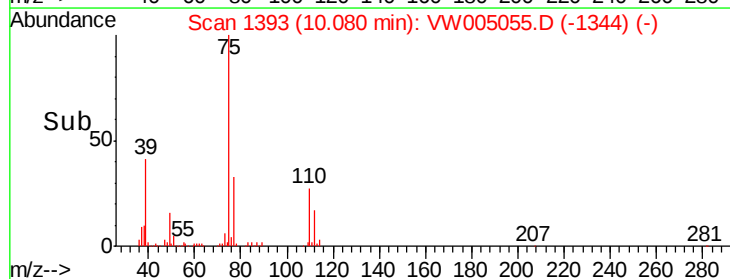
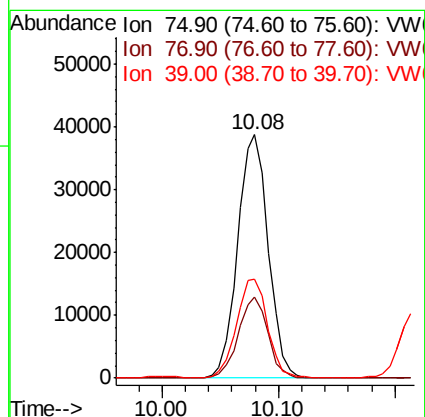
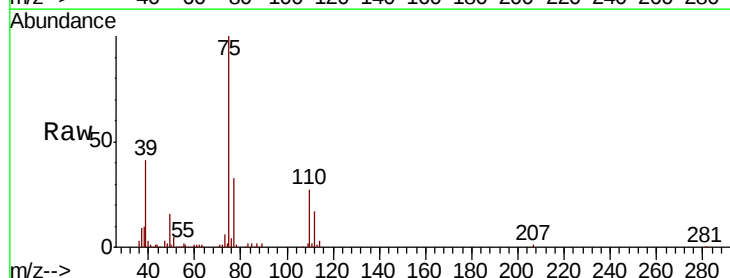
Tgt Ion: 75 Resp: 70843

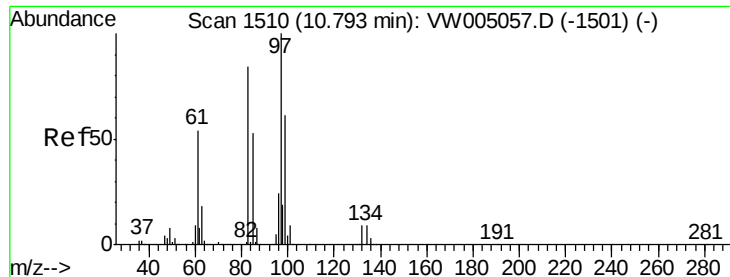
Ion Ratio Lower Upper

75 100

77 33.4 24.9 37.3

39 40.4 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 10.218 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 38609

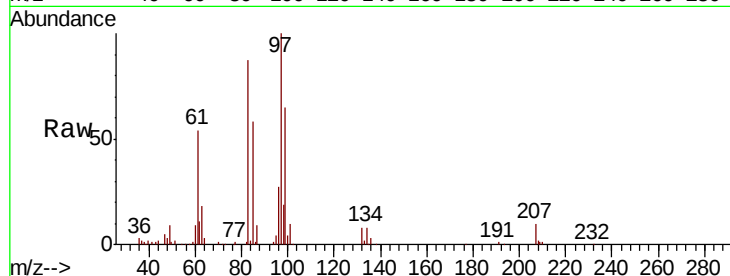
Ion Ratio Lower Upper

97 100

83 86.1 67.0 100.6

85 57.6 42.3 63.5

99 65.2 48.5 72.7

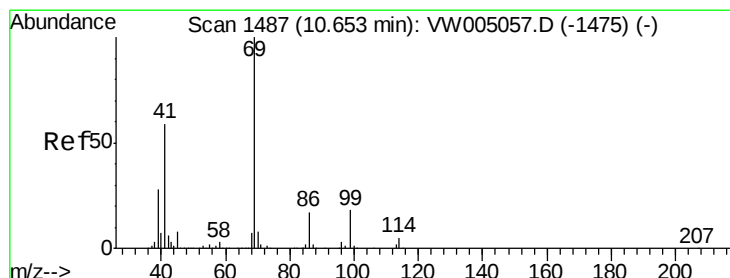
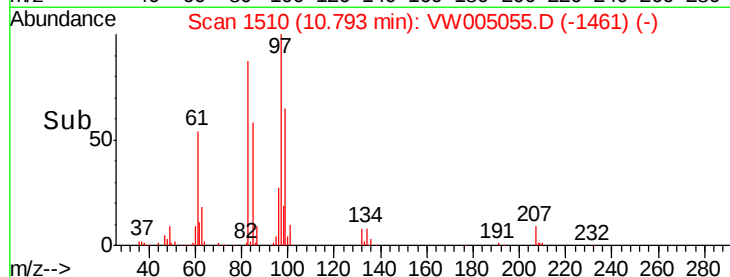
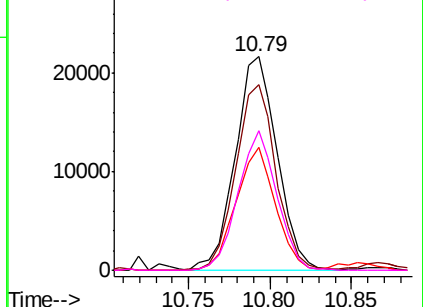


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 9.168 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

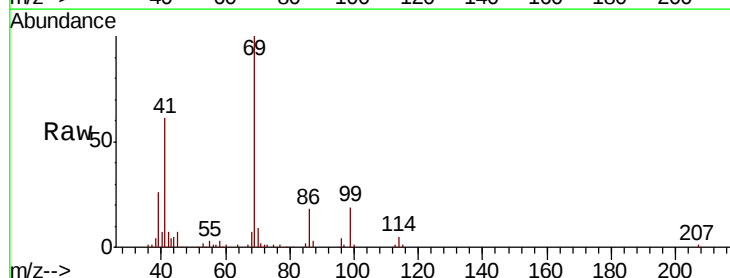
Tgt Ion: 69 Resp: 39522

Ion Ratio Lower Upper

69 100

41 60.5 47.8 71.6

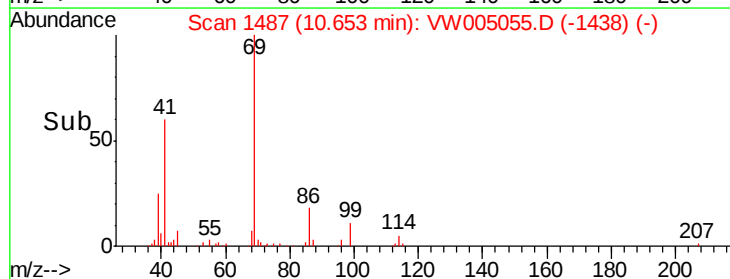
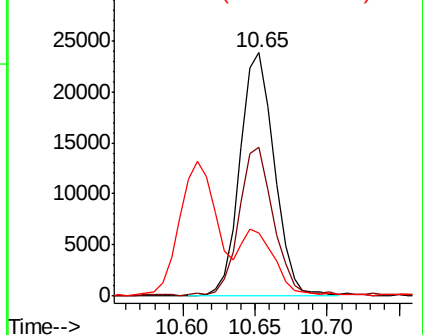
39 25.3 21.1 31.7

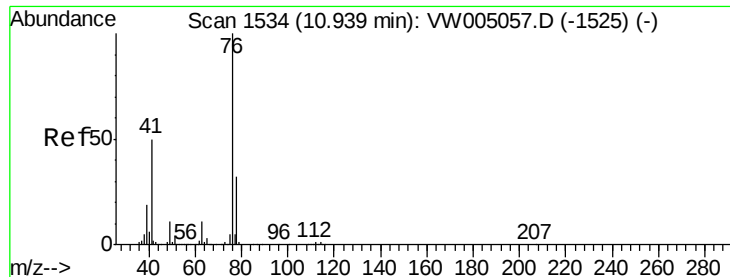


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 10.004 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

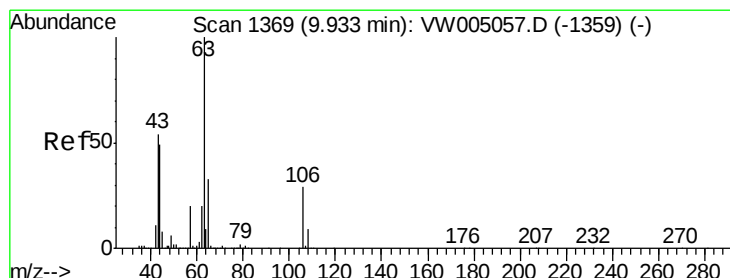
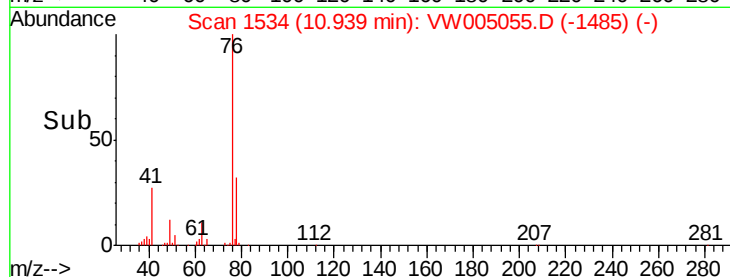
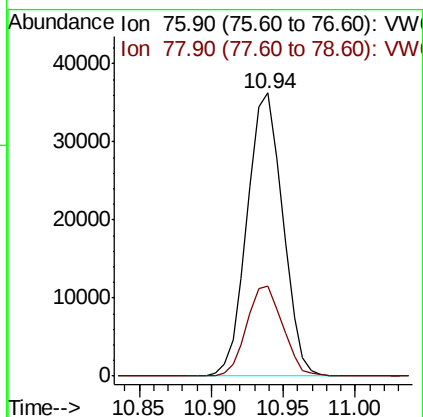
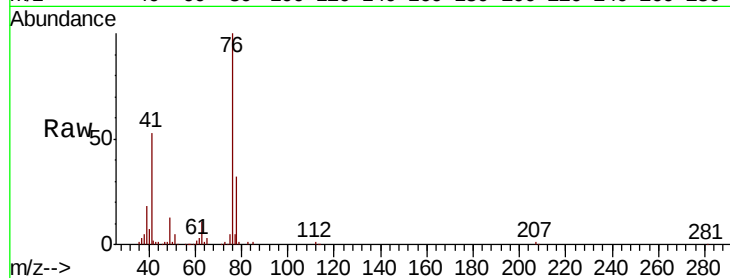
VSTDIC010

Tgt Ion: 76 Resp: 62231

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 45.506 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW005055.D

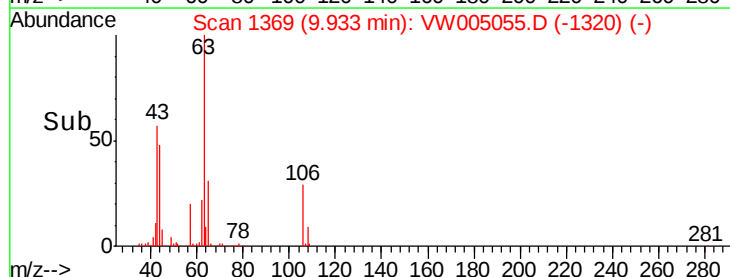
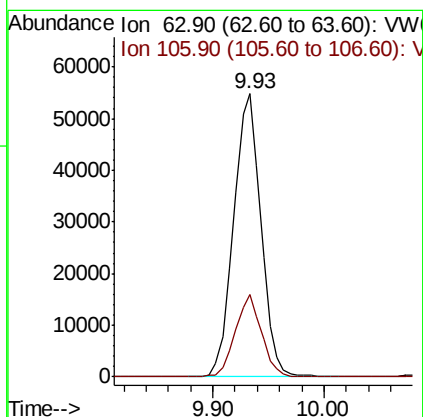
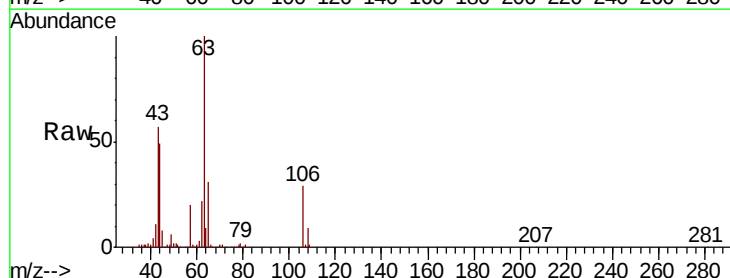
Acq: 01 Sep 2018 00:13

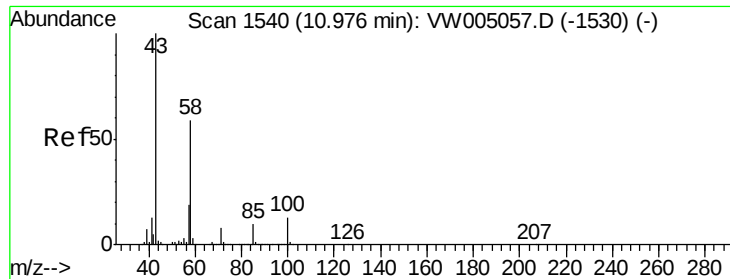
Tgt Ion: 63 Resp: 92953

Ion Ratio Lower Upper

63 100

106 27.9 23.1 34.7

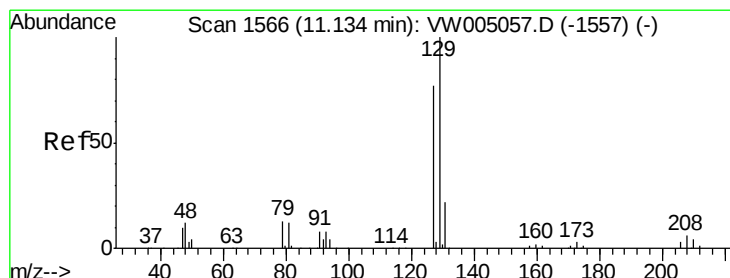
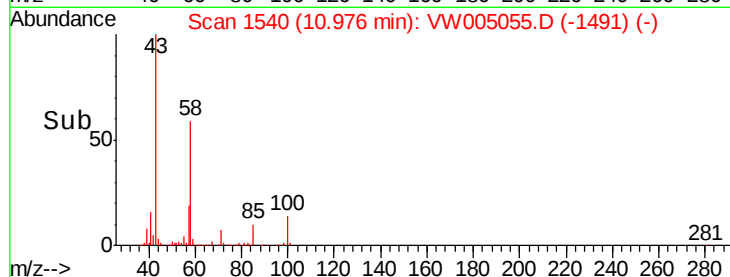
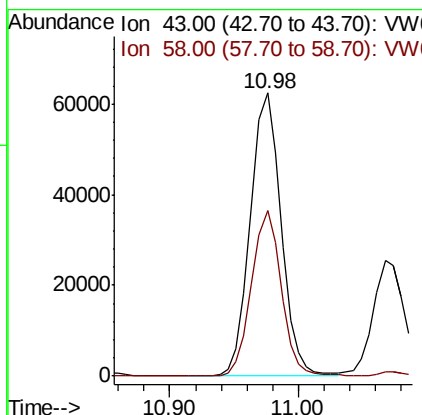
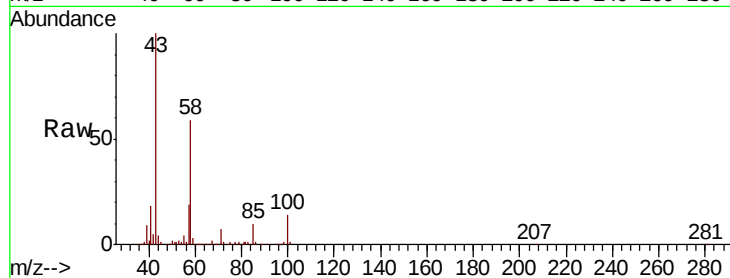




#59
2-Hexanone
Concen: 48.798 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

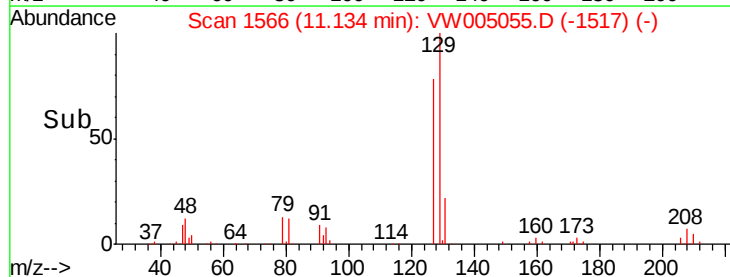
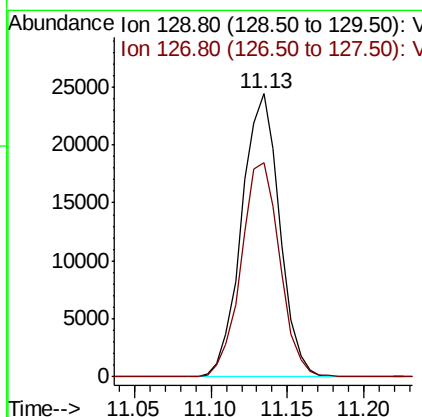
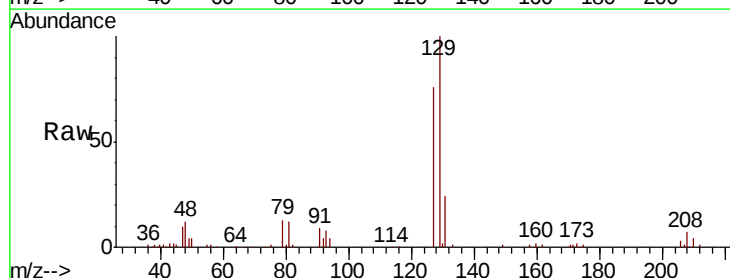
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

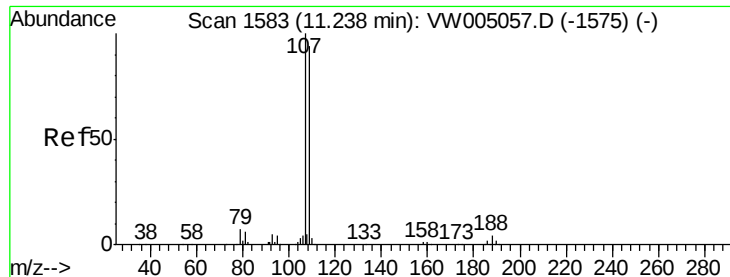
Tgt Ion: 43 Resp: 102726
Ion Ratio Lower Upper
43 100
58 56.8 28.7 86.3



#60
Dibromochloromethane
Concen: 9.861 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion: 129 Resp: 42122
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7

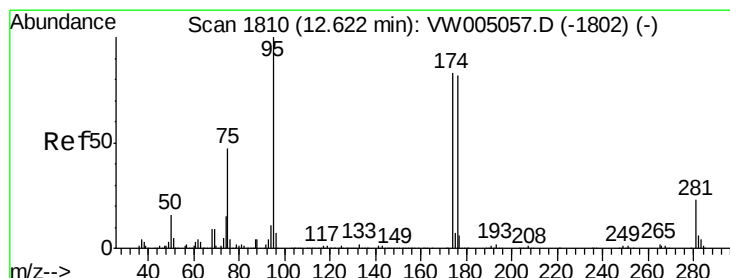
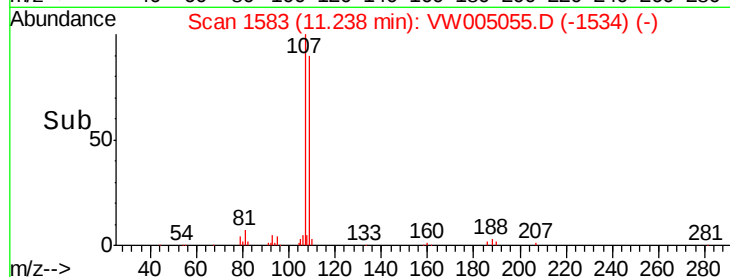
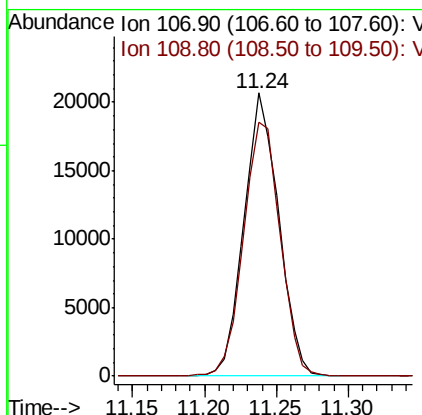
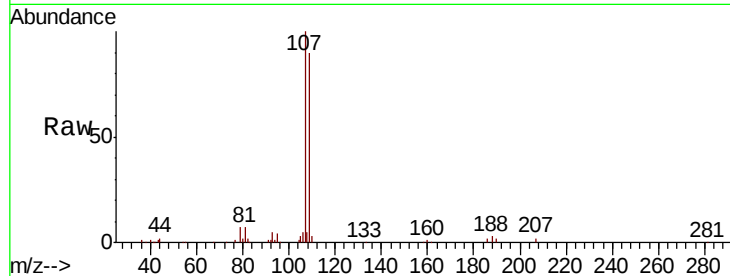




#61
 1,2-Dibromoethane
 Concen: 10.104 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

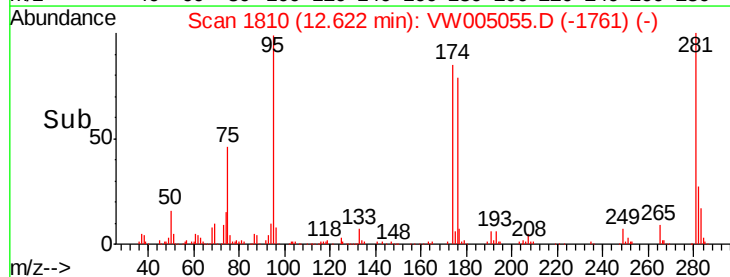
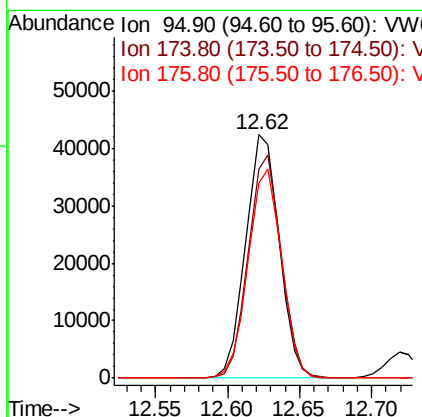
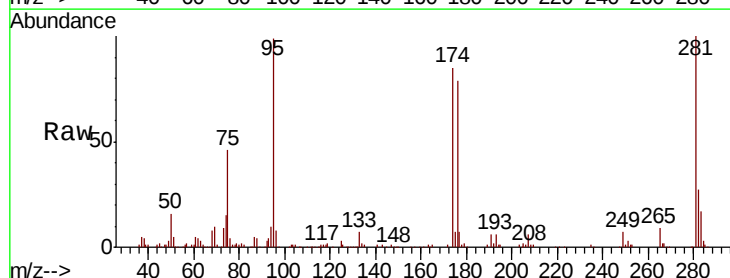
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

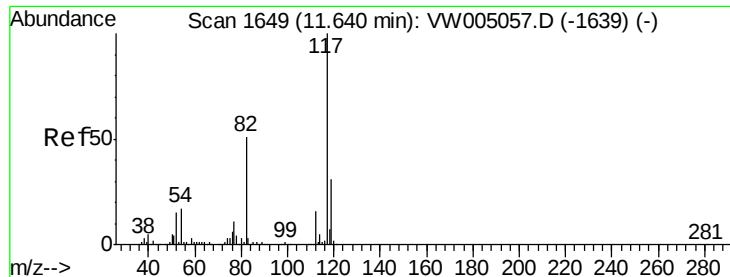
Tgt Ion: 107 Resp: 34467
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 10.155 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion: 95 Resp: 68319
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 173.4
 176 85.6 0.0 167.4

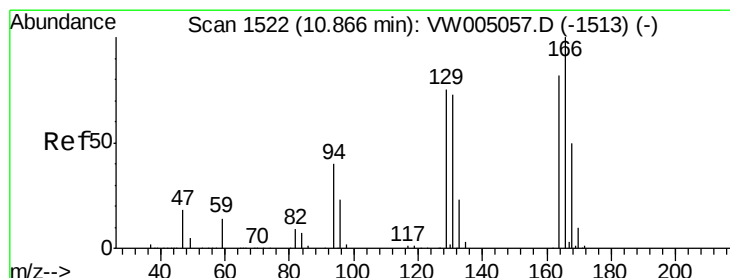
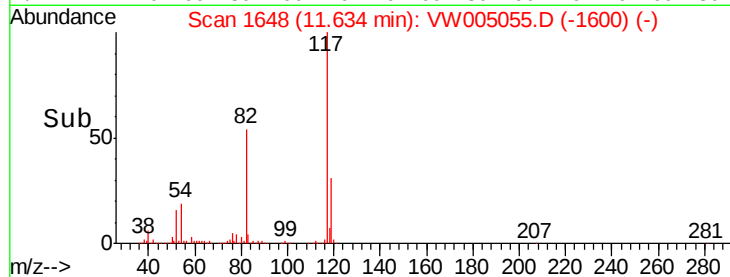
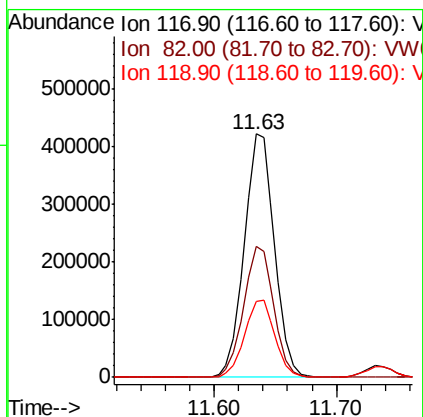
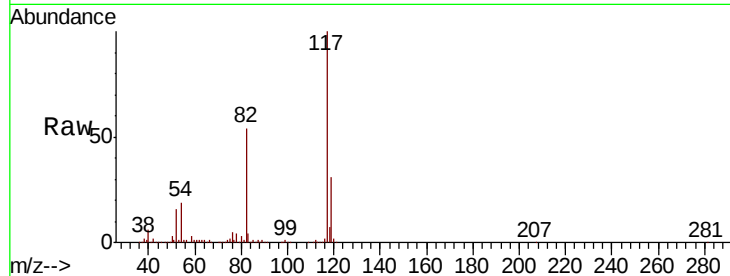




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

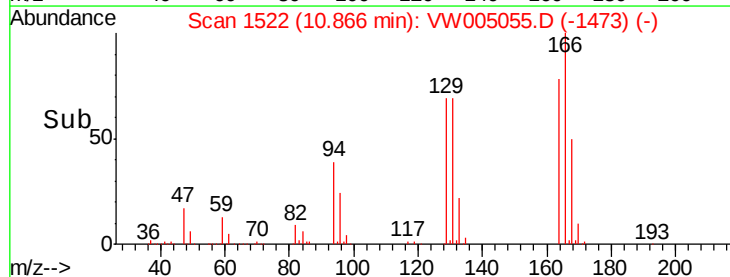
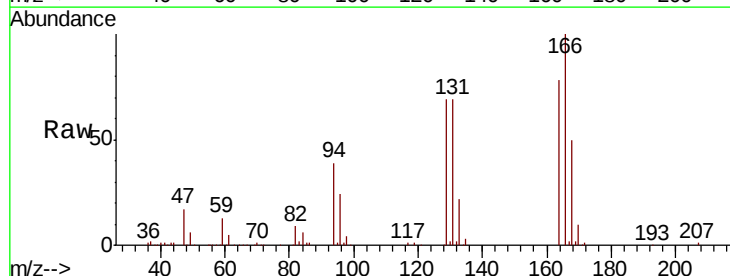
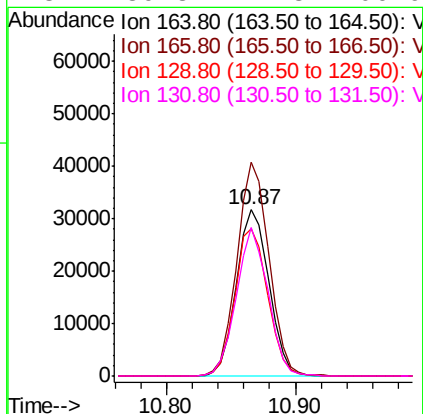
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

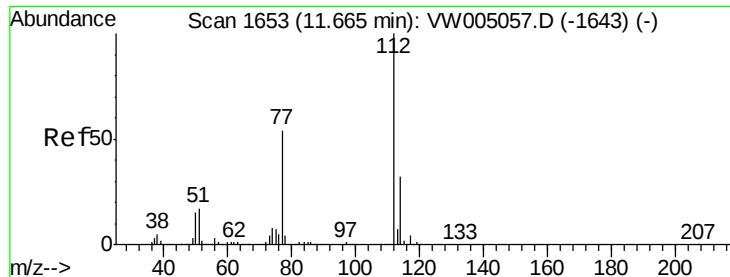
Tgt Ion:117 Resp: 722520
Ion Ratio Lower Upper
117 100
82 53.6 40.9 61.3
119 31.3 24.9 37.3



#64
Tetrachloroethene
Concen: 9.788 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion:164 Resp: 55486
Ion Ratio Lower Upper
164 100
166 128.7 97.3 145.9
129 88.7 73.1 109.7
131 89.3 71.3 106.9

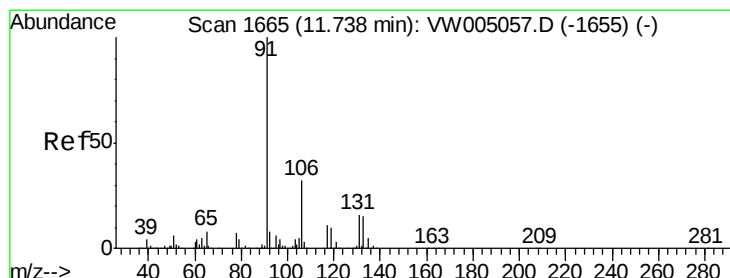
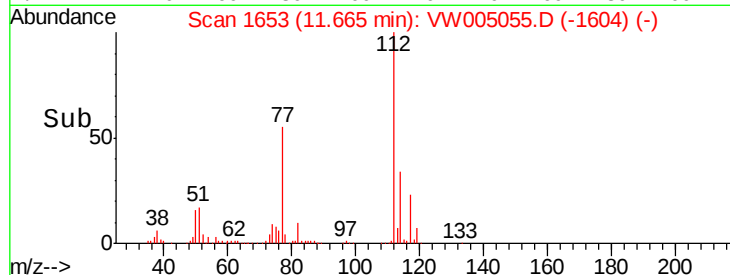
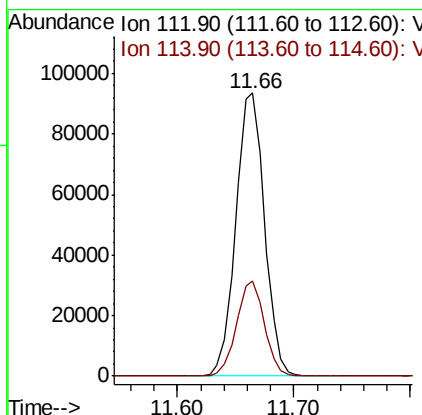
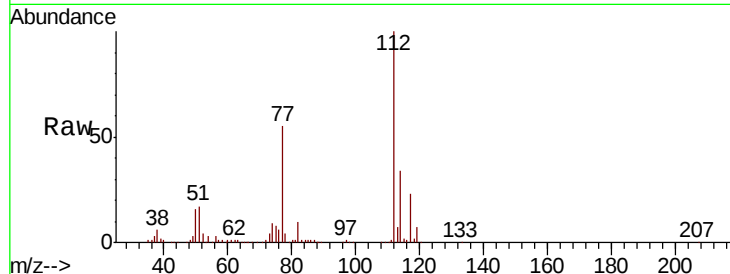




#65
Chlorobenzene
Concen: 9.880 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

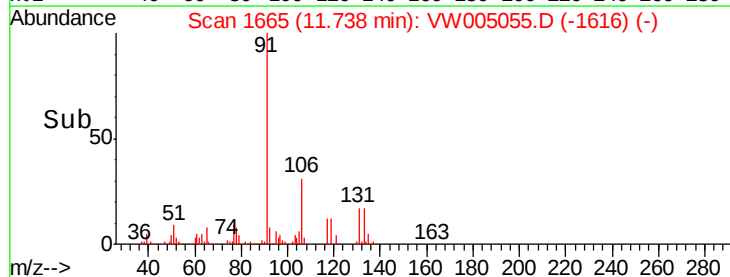
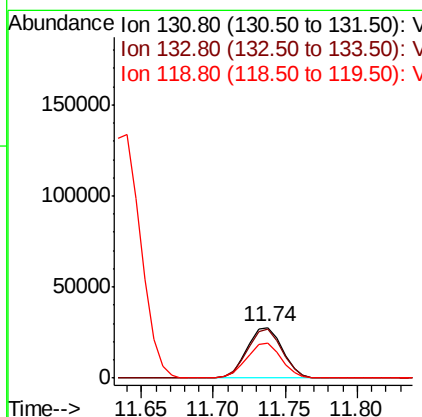
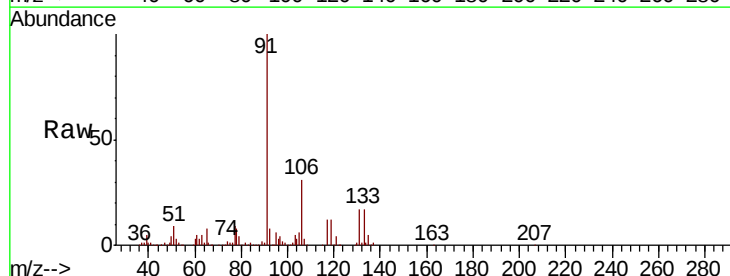
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

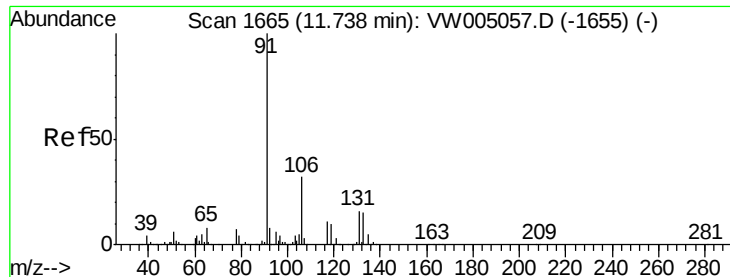
Tgt Ion:112 Resp: 160704
Ion Ratio Lower Upper
112 100
114 33.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 9.538 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion:131 Resp: 47407
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.3
119 68.5 33.4 100.1

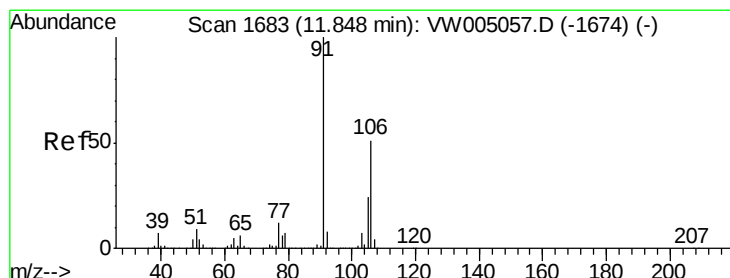
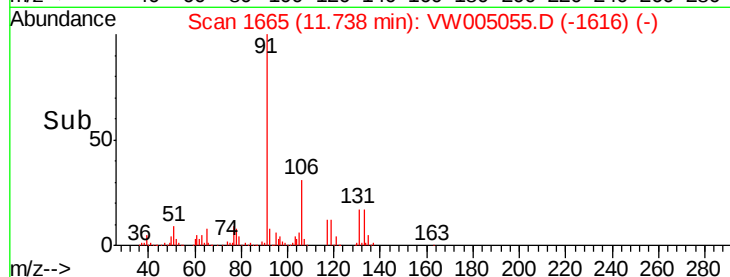
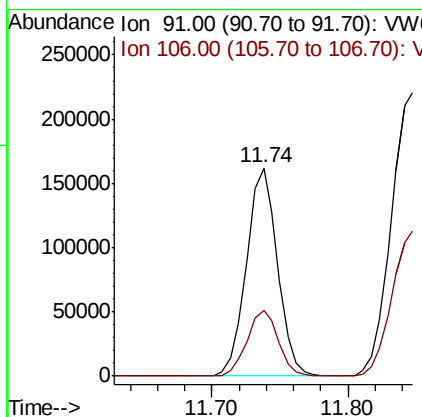
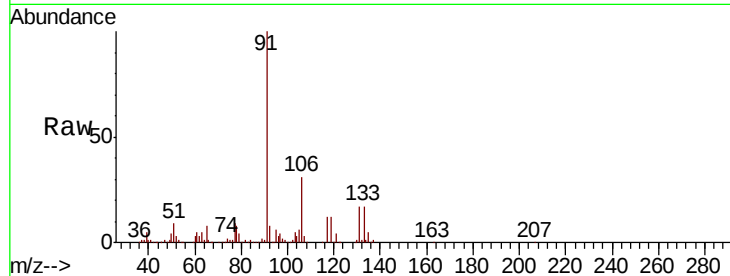




#67
Ethyl Benzene
Concen: 9.401 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

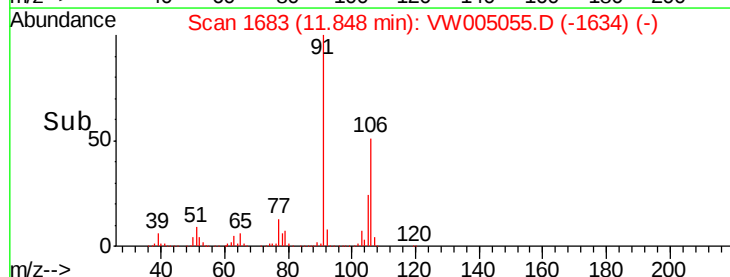
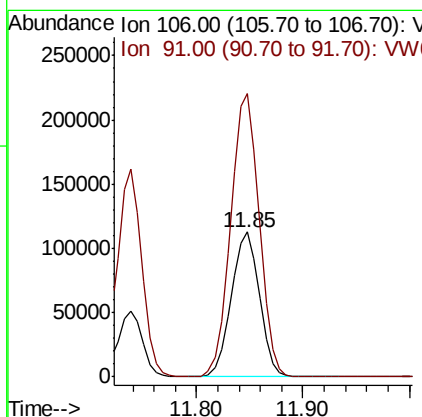
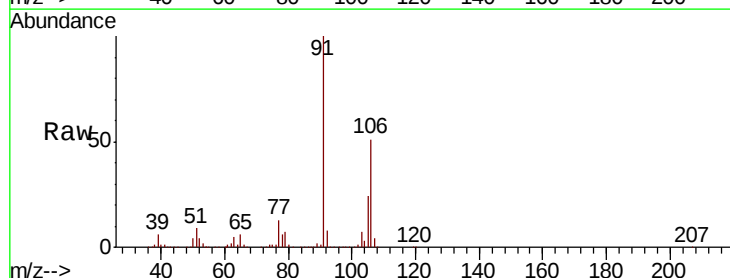
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

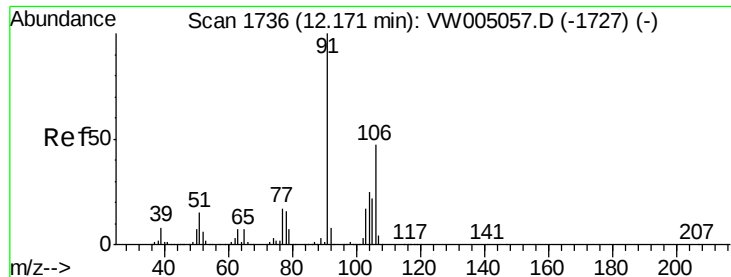
Tgt Ion: 91 Resp: 258509
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 19.020 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion: 106 Resp: 209410
Ion Ratio Lower Upper
106 100
91 197.4 158.4 237.6

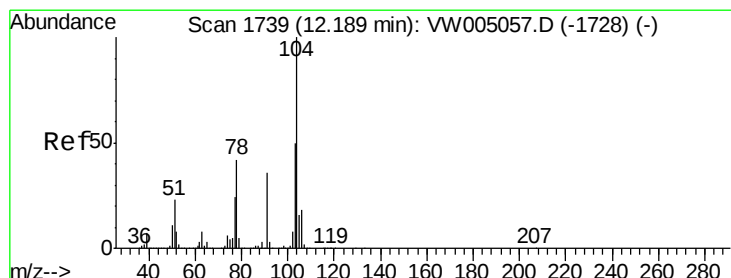
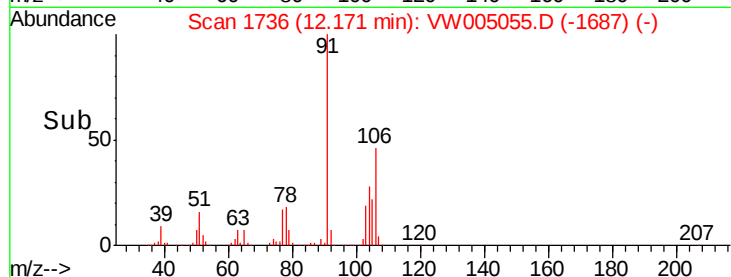
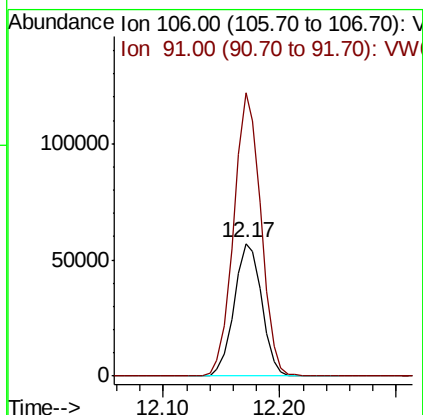
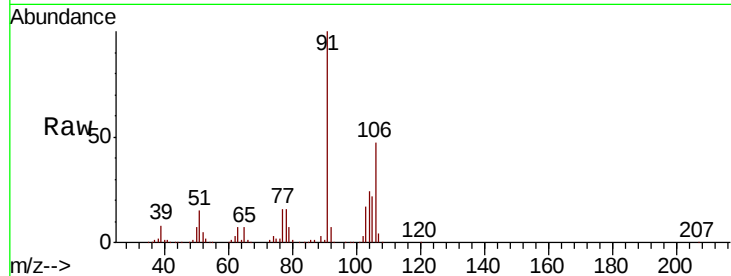




#69
o-Xylene
Concen: 9.262 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

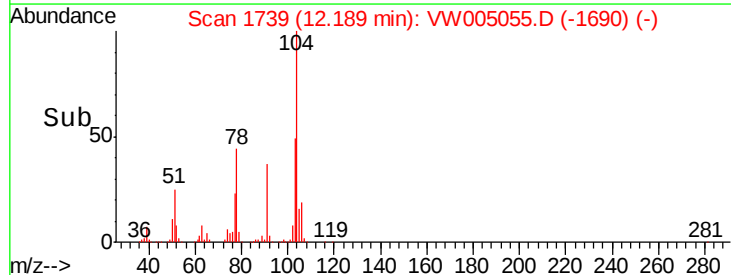
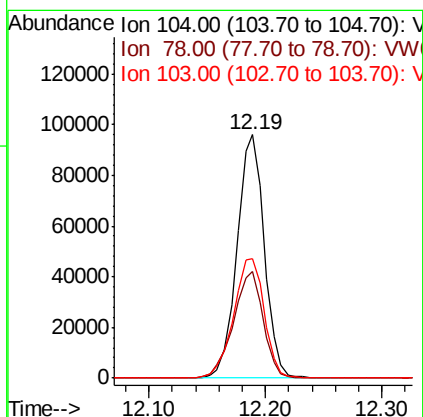
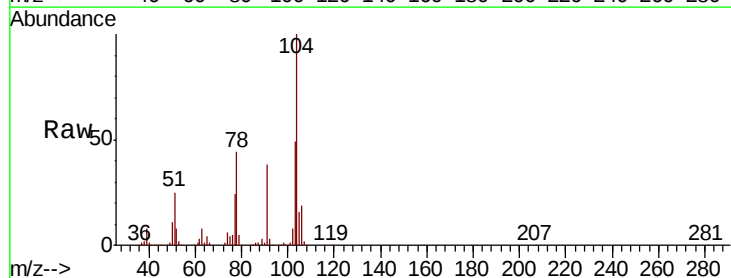
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

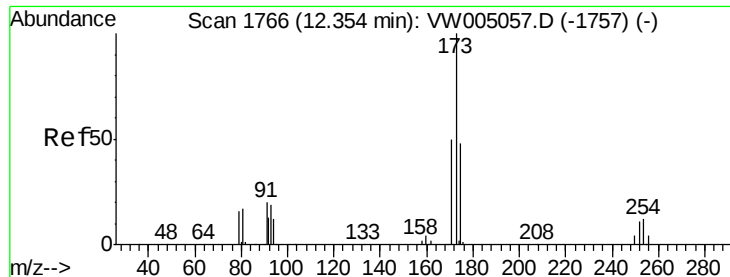
Tgt Ion:106 Resp: 94285
Ion Ratio Lower Upper
106 100
91 210.8 105.6 316.8



#70
Styrene
Concen: 9.323 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion:104 Resp: 156774
Ion Ratio Lower Upper
104 100
78 47.6 37.8 56.6
103 55.3 44.1 66.1

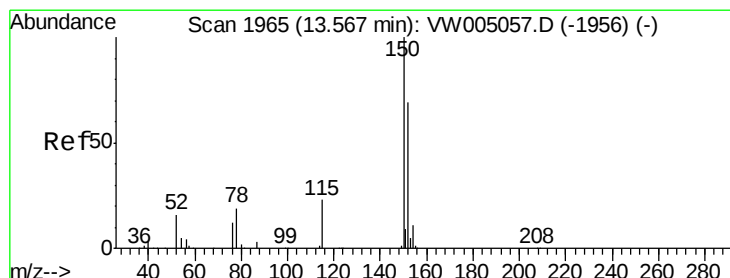
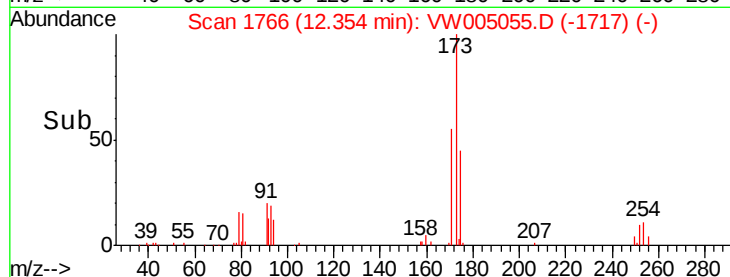
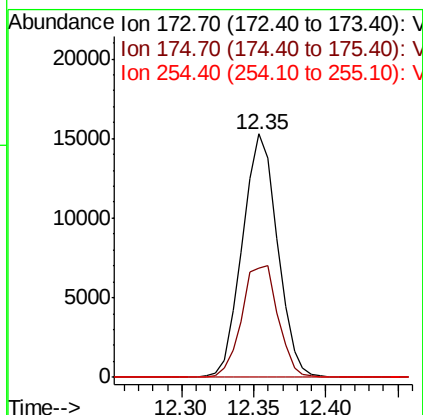
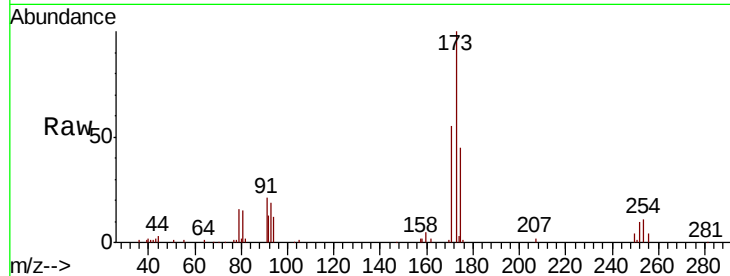




#71
Bromoform
Concen: 9.806 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

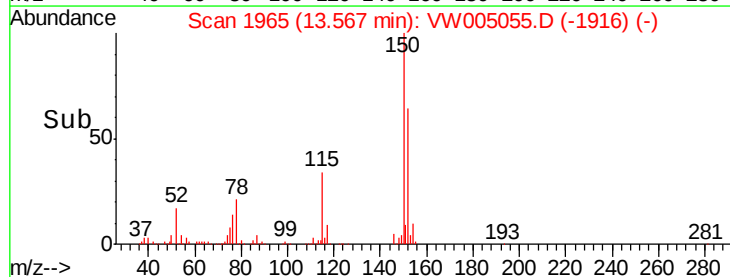
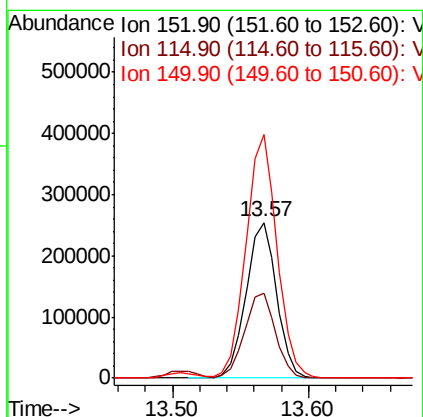
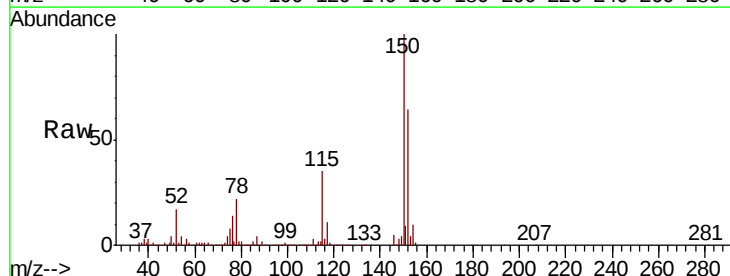
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

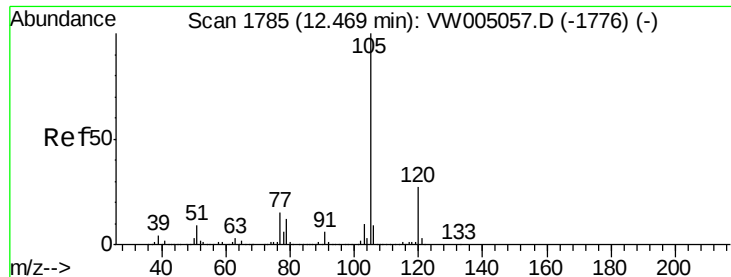
Tgt Ion:173 Resp: 25832
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.2
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion:152 Resp: 399577
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 159.3 0.0 351.4





#73

Isopropylbenzene

Concen: 8.989 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

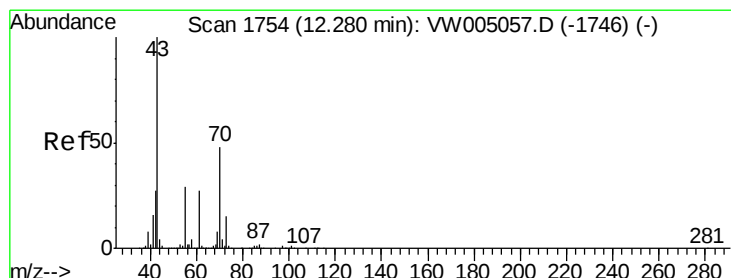
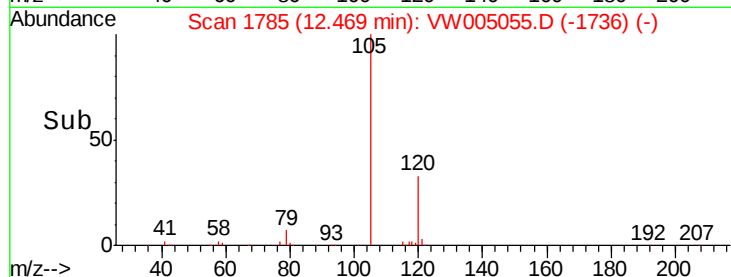
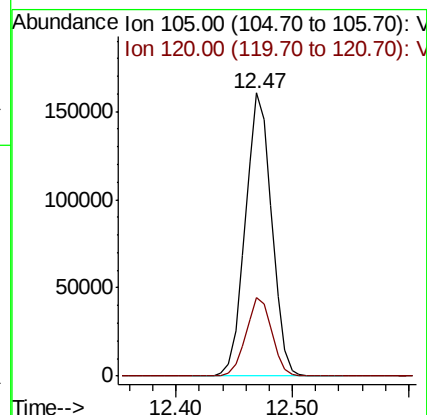
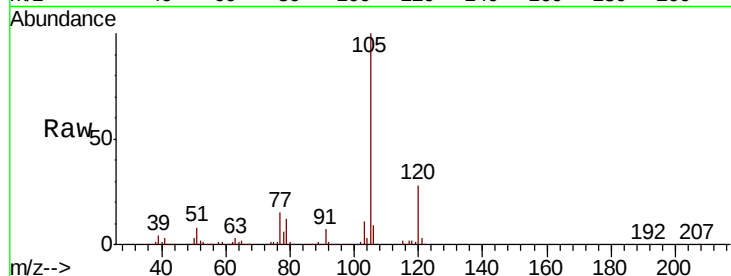
VSTDIC010

Tgt Ion:105 Resp: 253269

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 9.184 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Tgt Ion: 43 Resp: 44556

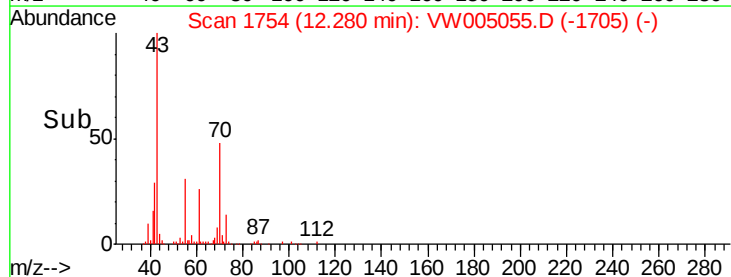
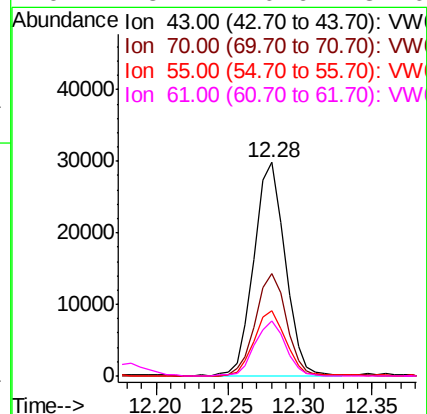
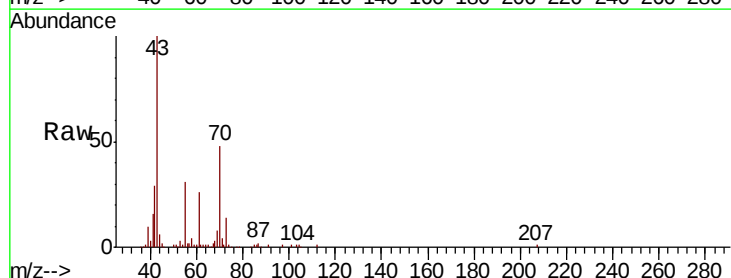
Ion Ratio Lower Upper

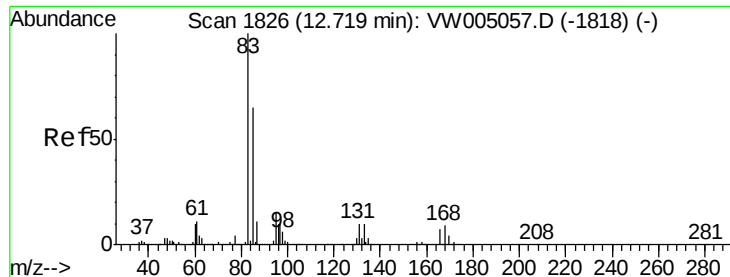
43 100

70 47.6 38.2 57.4

55 31.3 23.2 34.8

61 25.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 9.811 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

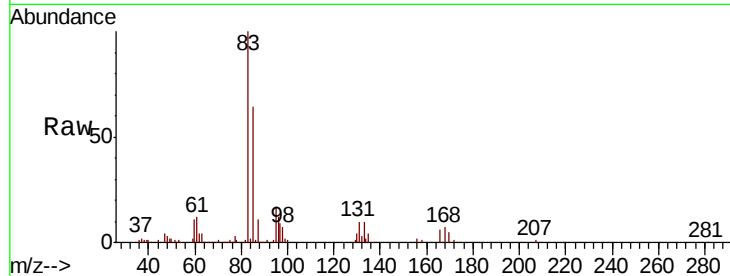
Tgt Ion: 83 Resp: 42081

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

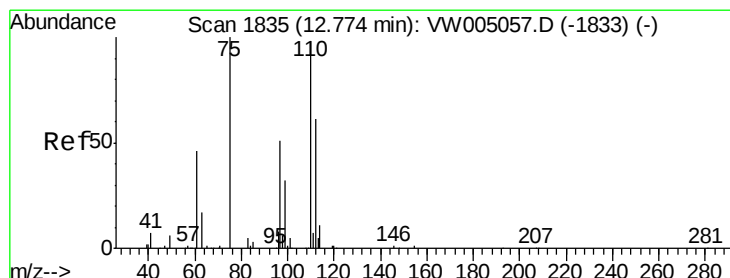
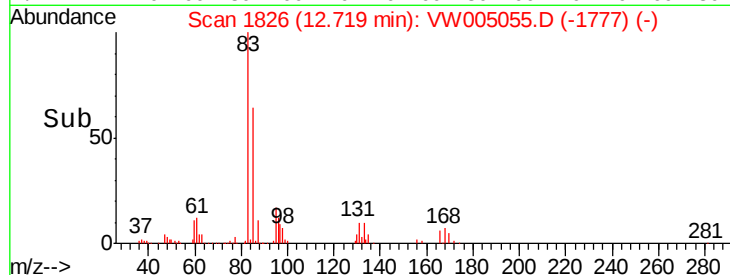
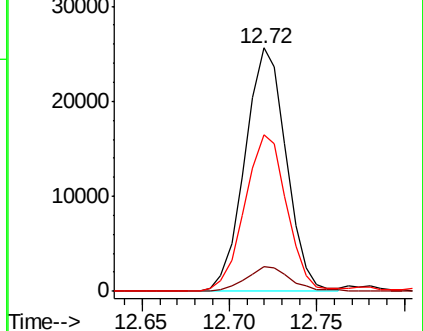
85 65.4 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 17.873 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW005055.D

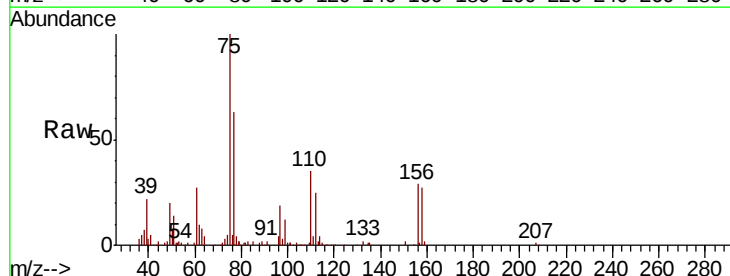
Acq: 01 Sep 2018 00:13

Tgt Ion: 75 Resp: 53607

Ion Ratio Lower Upper

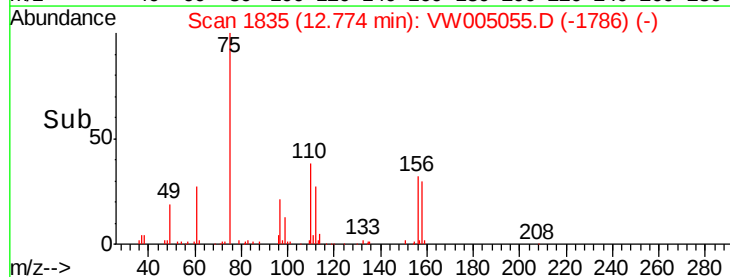
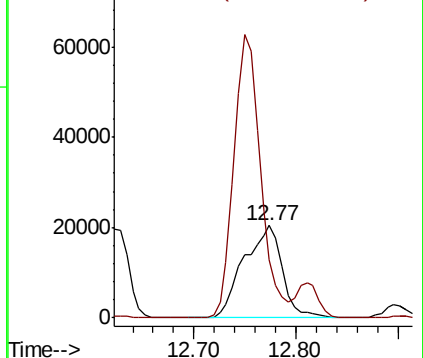
75 100

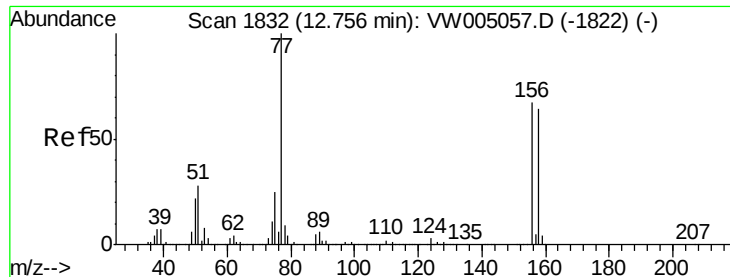
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.613 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

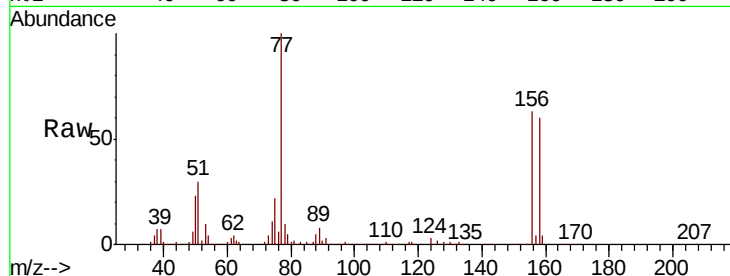
Tgt Ion:156 Resp: 66735

Ion Ratio Lower Upper

156 100

77 170.4 85.8 257.4

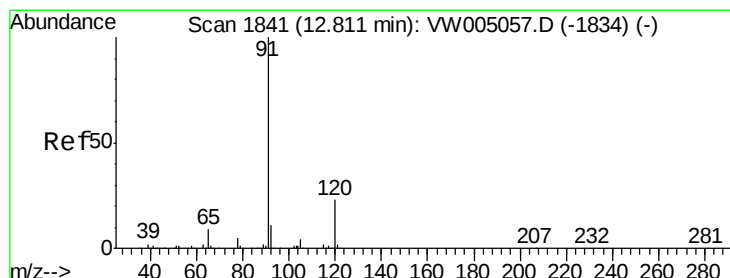
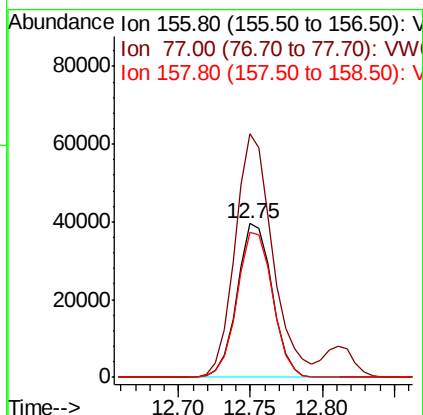
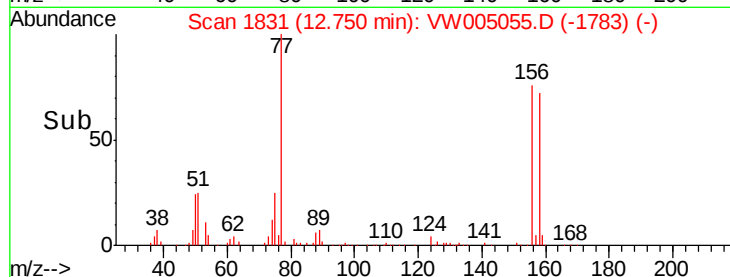
158 95.7 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 9.095 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005055.D

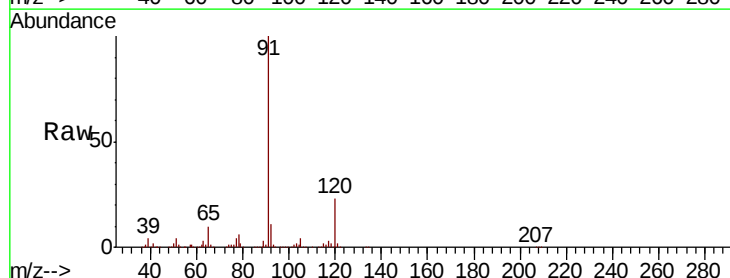
Acq: 01 Sep 2018 00:13

Tgt Ion: 91 Resp: 309325

Ion Ratio Lower Upper

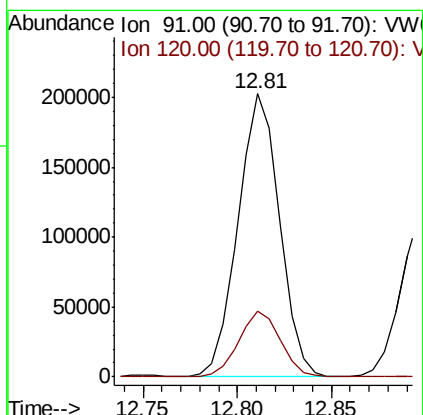
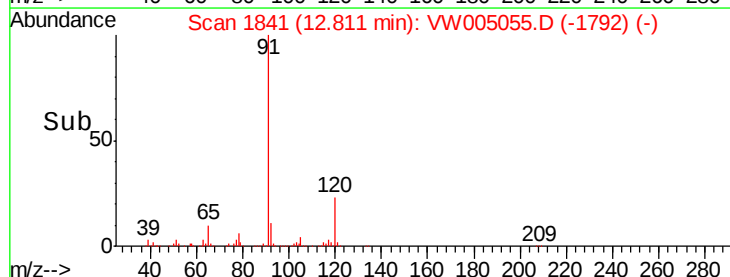
91 100

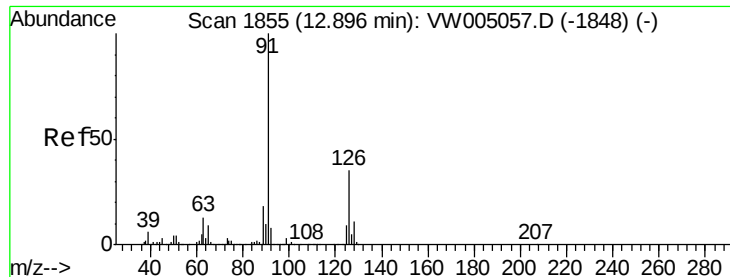
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

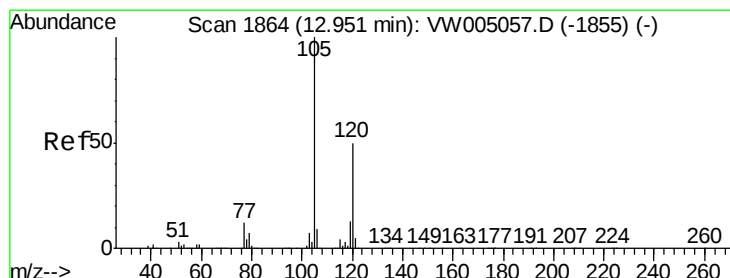
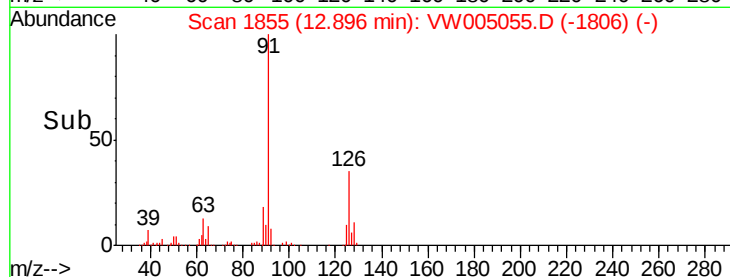
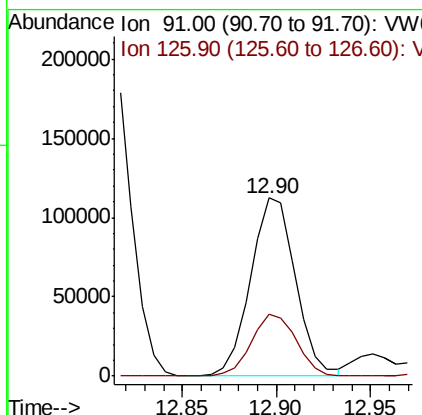
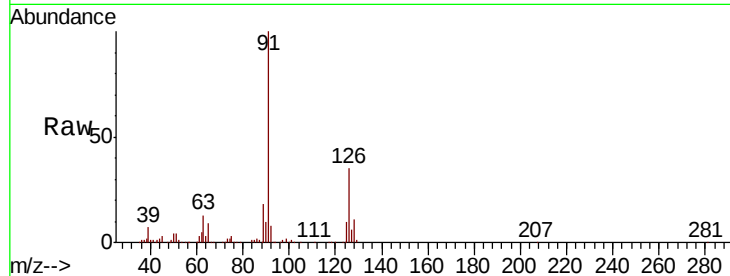




#79
 2-Chlorotoluene
 Concen: 9.336 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

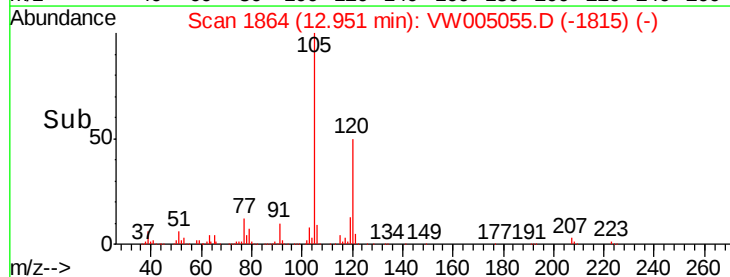
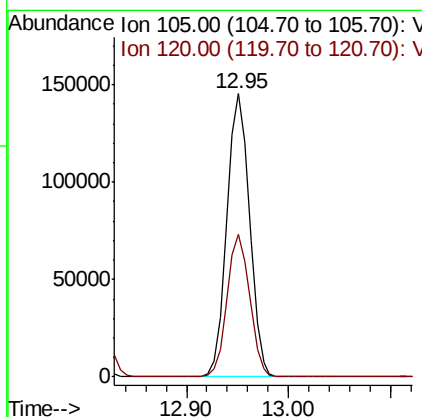
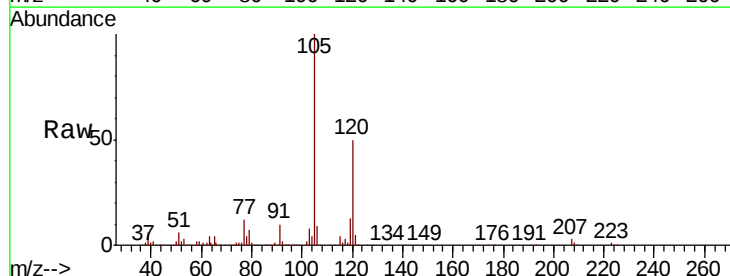
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

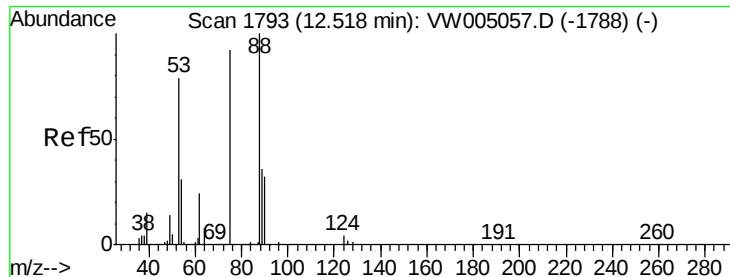
Tgt Ion: 91 Resp: 185254
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 9.175 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion: 105 Resp: 223556
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 8.802 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

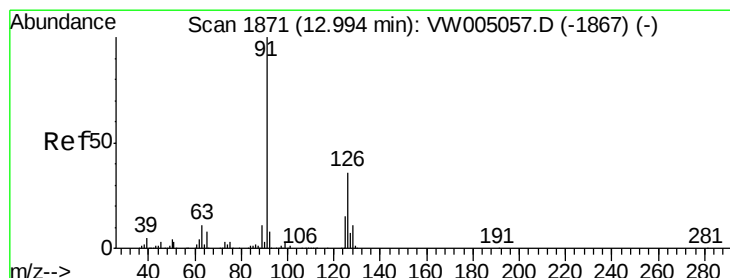
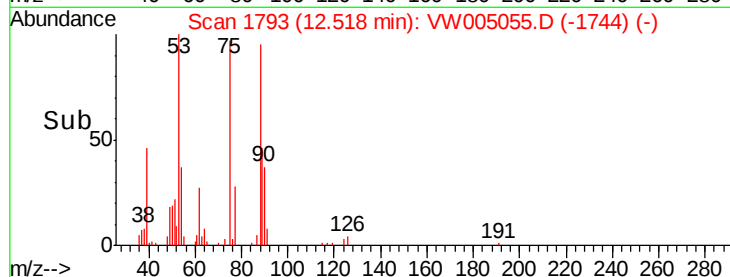
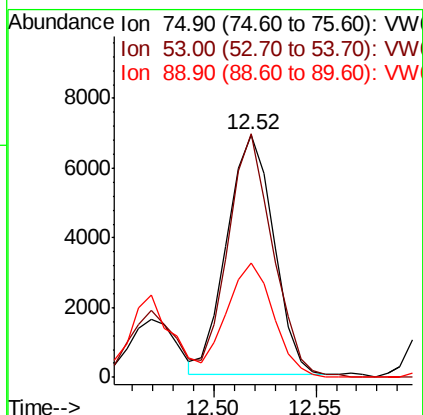
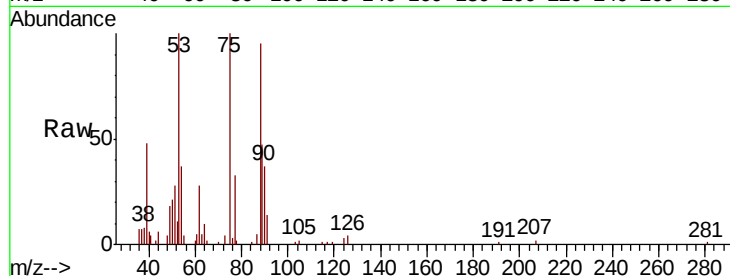
Tgt Ion: 75 Resp: 10968

Ion Ratio Lower Upper

75 100

53 96.5 69.8 104.8

89 47.3 36.0 54.0



#82

4-Chlorotoluene

Concen: 9.564 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW005055.D

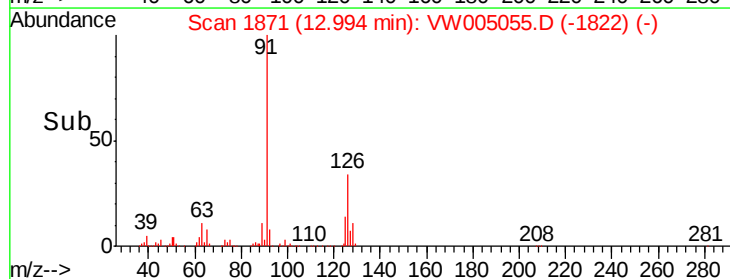
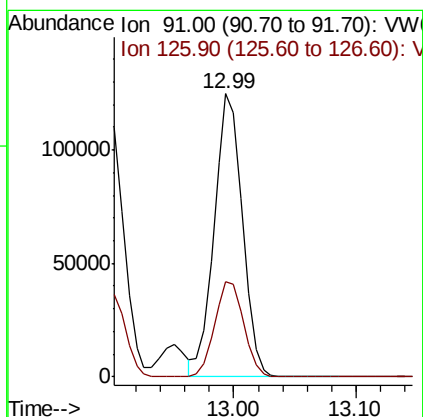
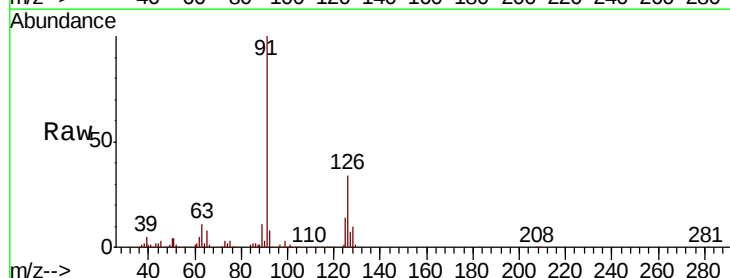
Acq: 01 Sep 2018 00:13

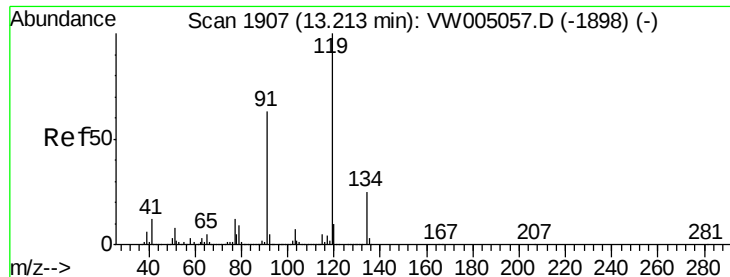
Tgt Ion: 91 Resp: 200404

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.3

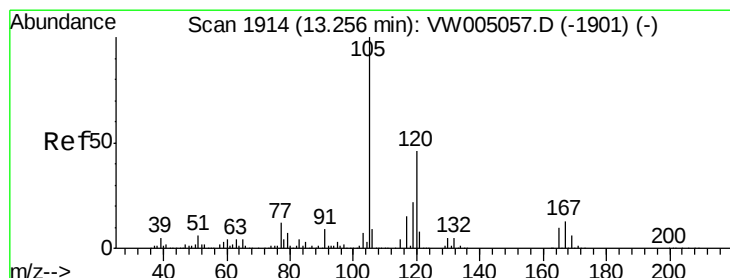
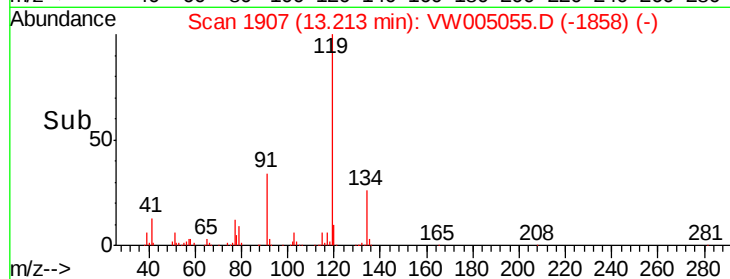
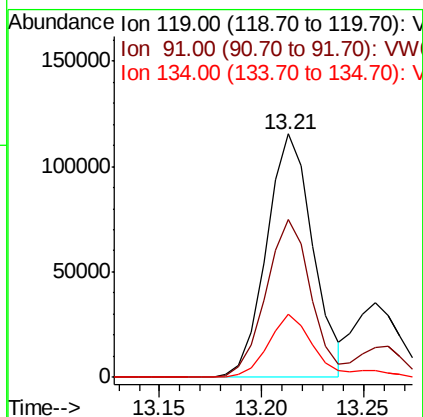
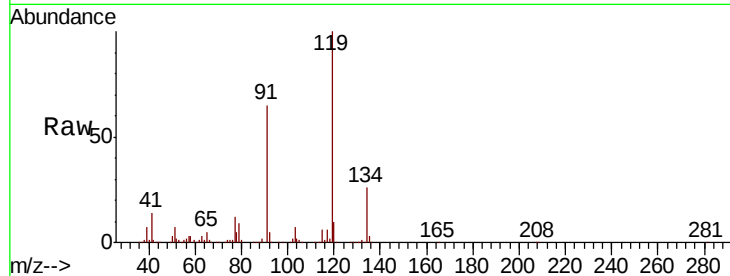




#83
 tert-Butylbenzene
 Concen: 8.990 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

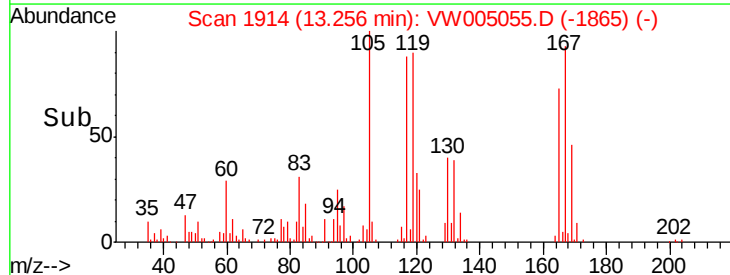
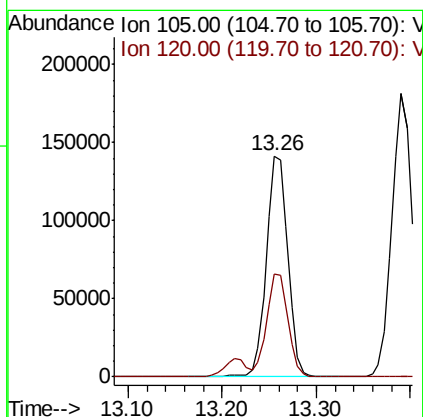
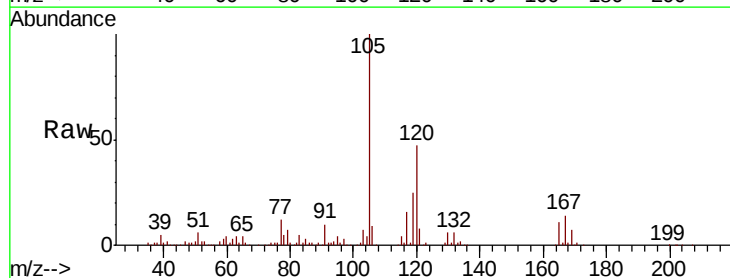
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

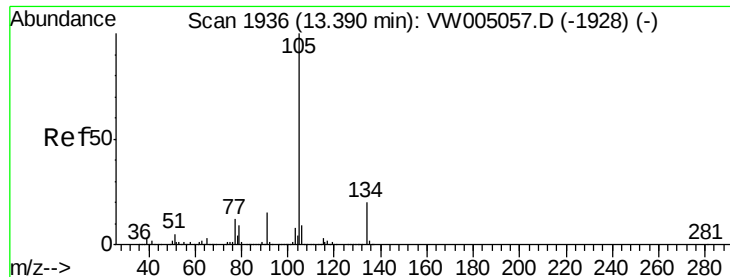
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.8	31.8	95.4
134	26.6	13.0	39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 9.153 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.3

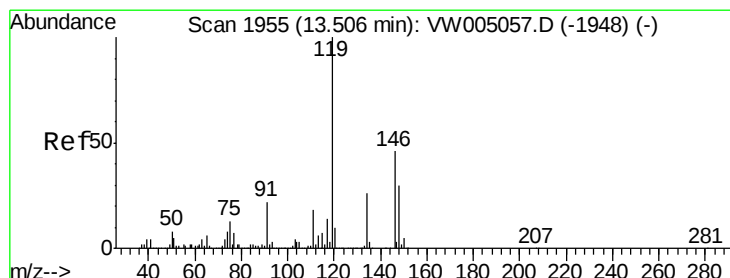
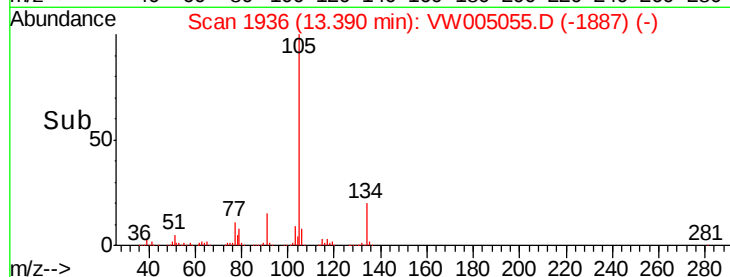
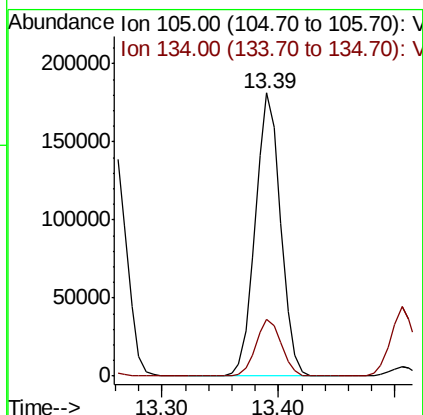
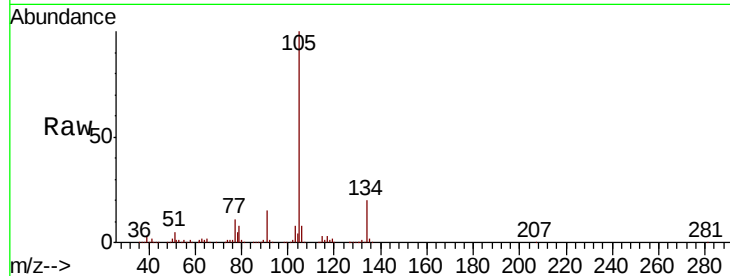




#85
 sec-Butylbenzene
 Concen: 9.207 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

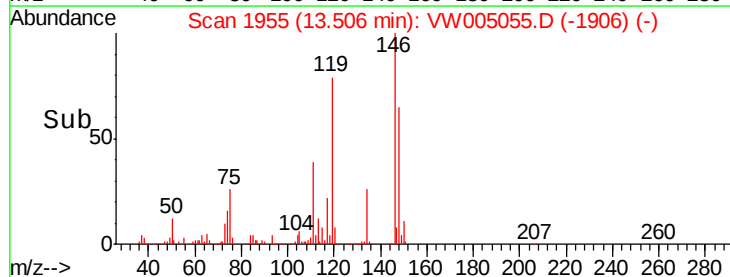
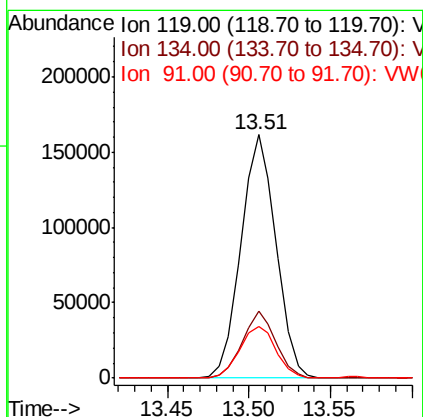
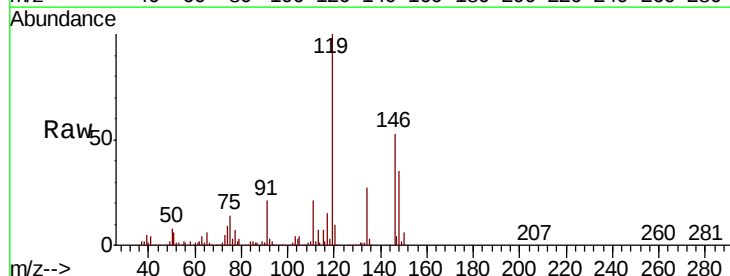
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

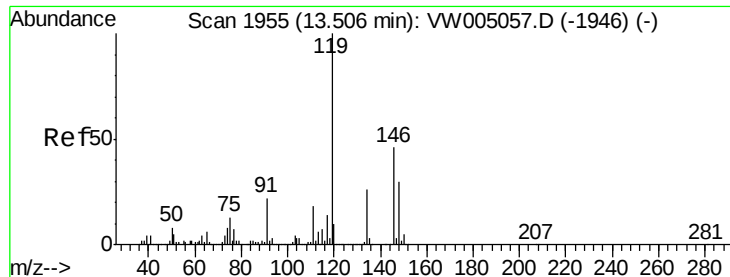
Tgt Ion:105 Resp: 275309
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 9.087 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion:119 Resp: 240531
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.0 10.9 32.9

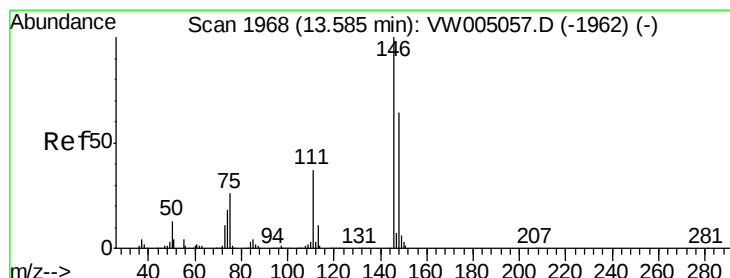
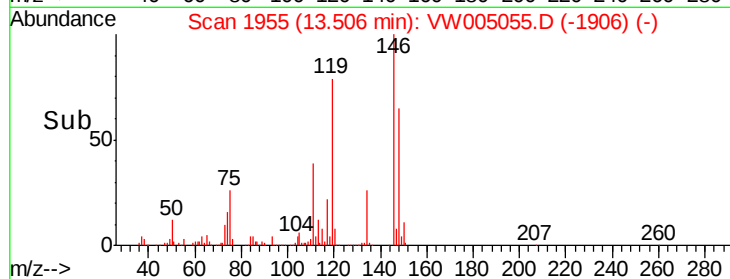
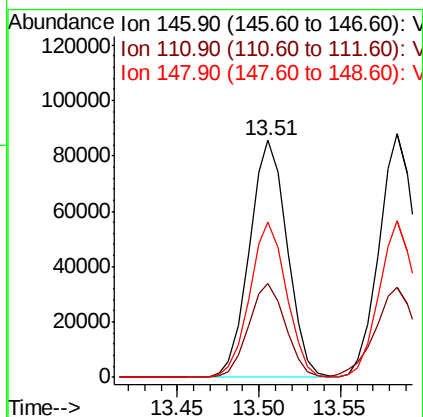
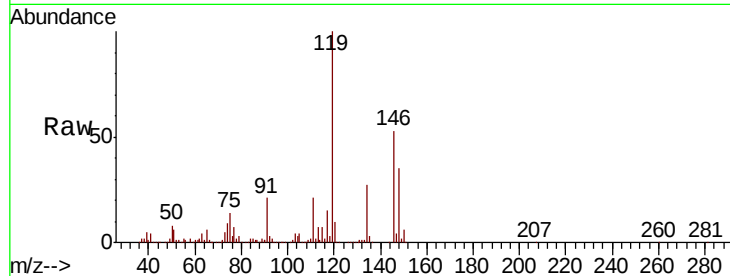




#87
 1,3-Dichlorobenzene
 Concen: 9.659 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

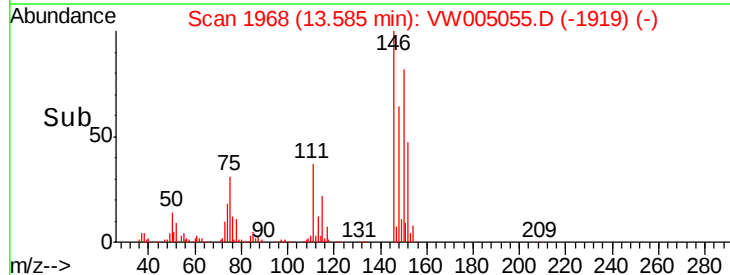
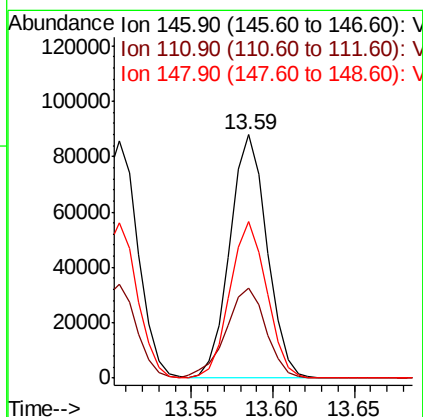
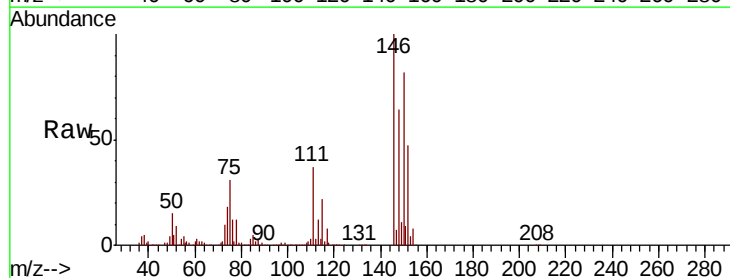
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

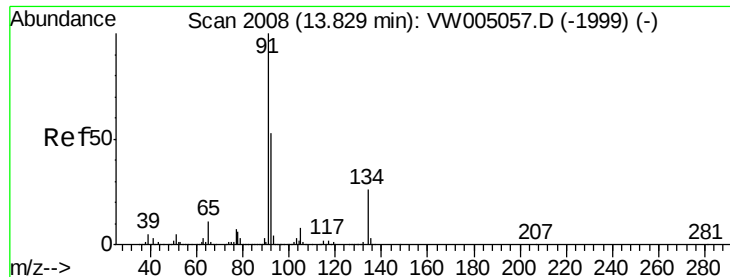
Tgt Ion:146 Resp: 137741
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.2 57.6
 148 63.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 9.864 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion:146 Resp: 139531
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.6 56.0
 148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 8.998 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW005055.D

Acq: 01 Sep 2018 00:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

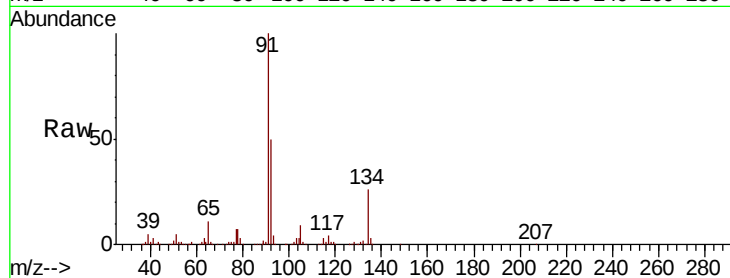
Tgt Ion: 91 Resp: 220740

Ion Ratio Lower Upper

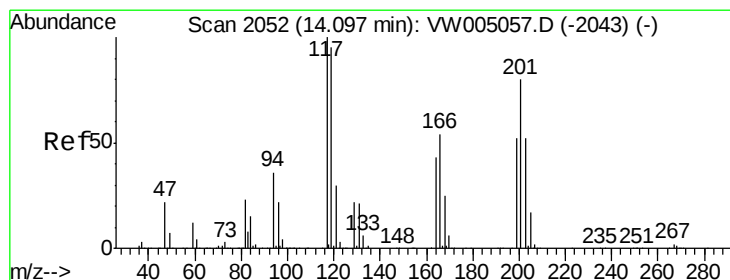
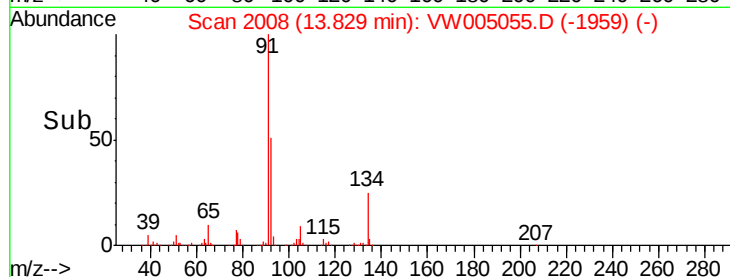
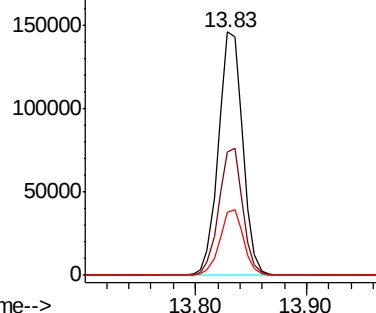
91 100

92 51.2 26.5 79.5

134 26.3 13.5 40.4



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: 9.290 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW005055.D

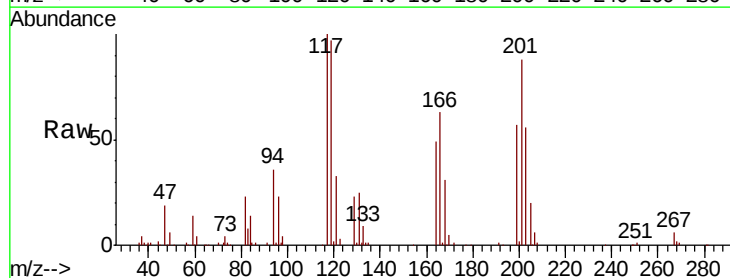
Acq: 01 Sep 2018 00:13

Tgt Ion: 117 Resp: 40846

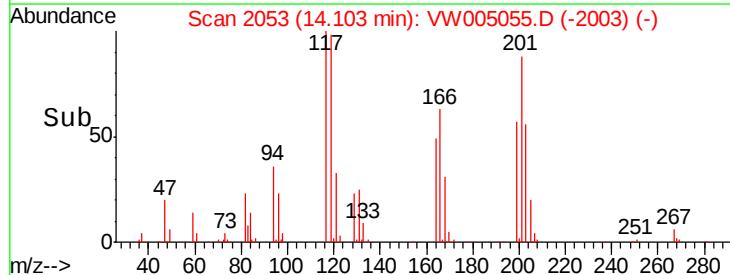
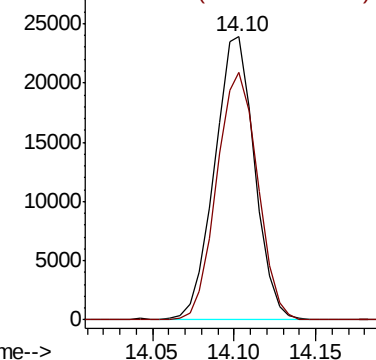
Ion Ratio Lower Upper

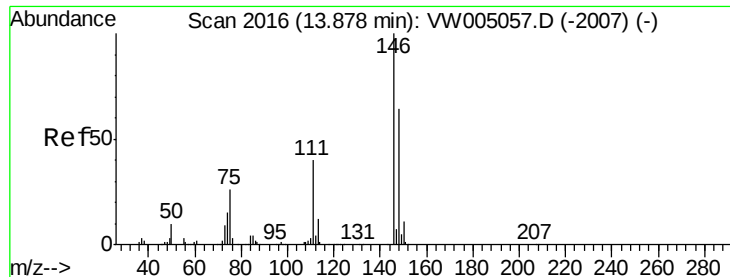
117 100

201 89.1 44.6 133.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

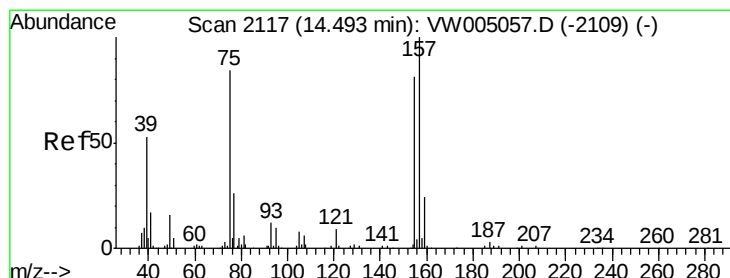
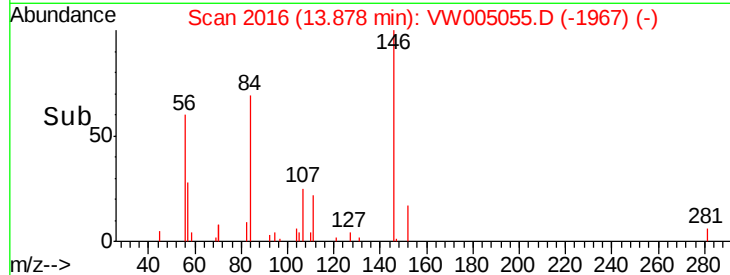
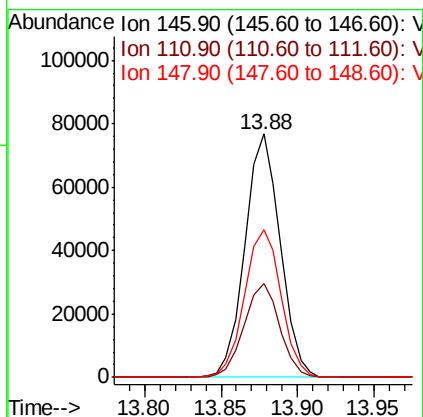
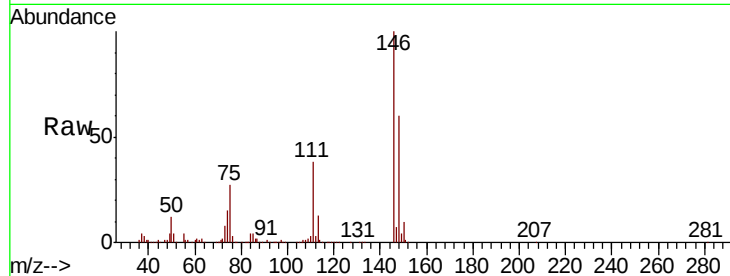




#91
 1,2-Dichlorobenzene
 Concen: 9.871 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

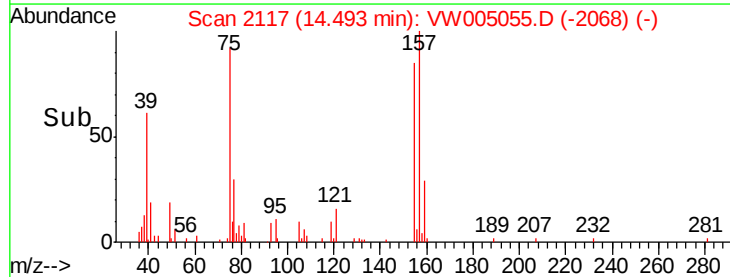
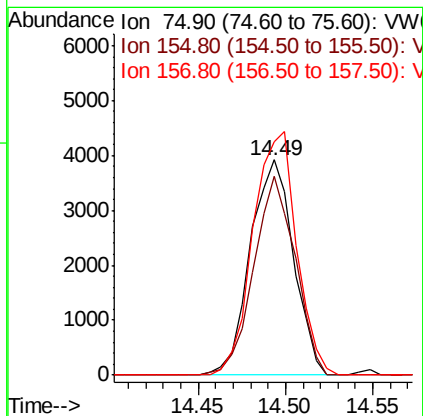
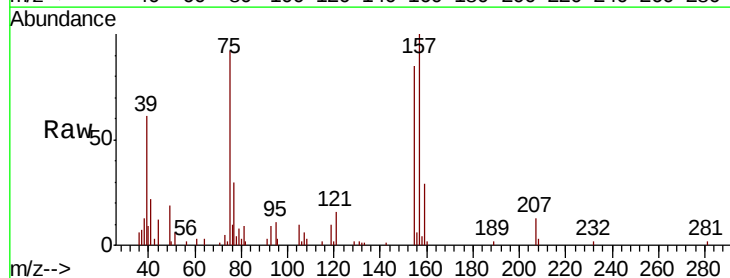
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

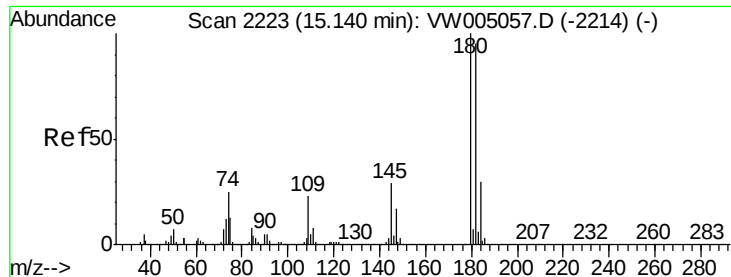
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.7
148	63.2	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.026 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.8	46.0	137.8
157	113.9	58.6	175.7

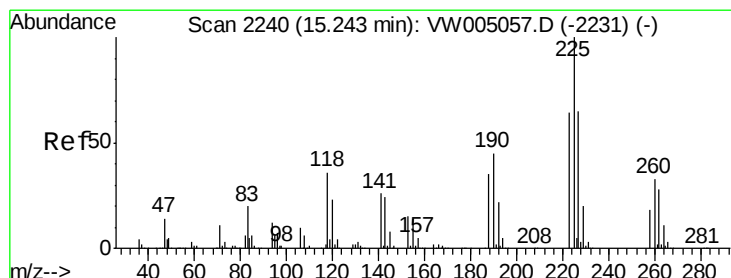
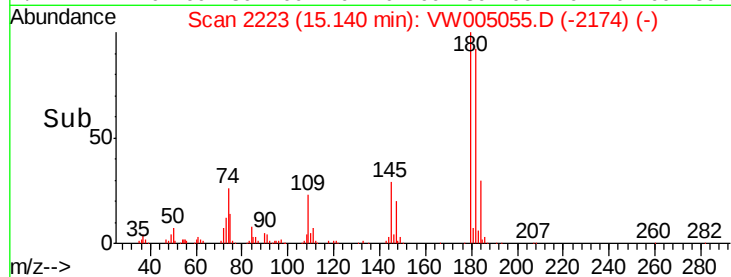
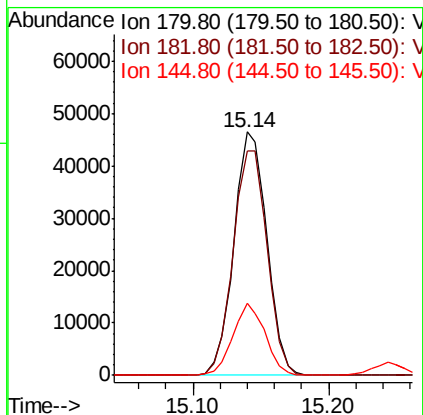
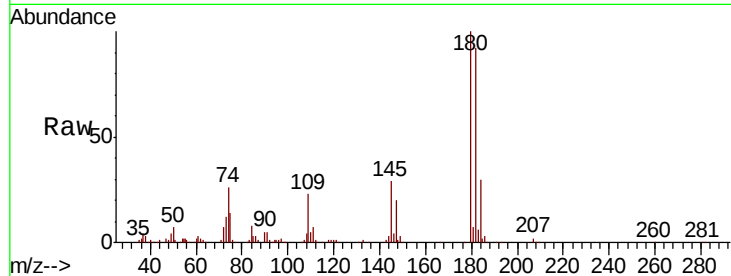




#93
 1,2,4-Trichlorobenzene
 Concen: 9.417 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

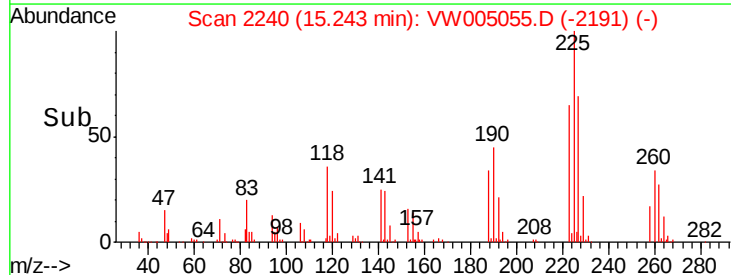
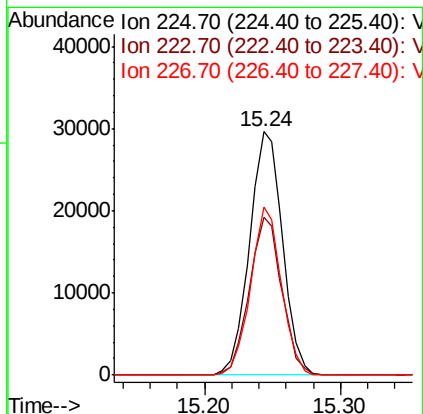
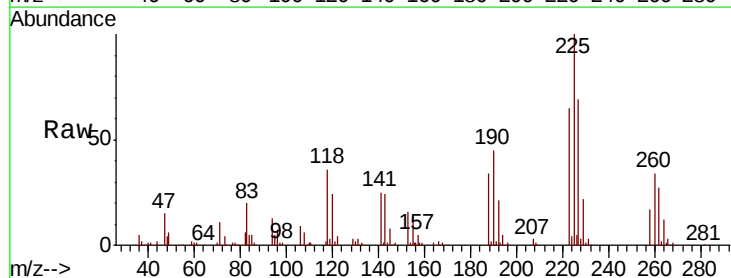
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

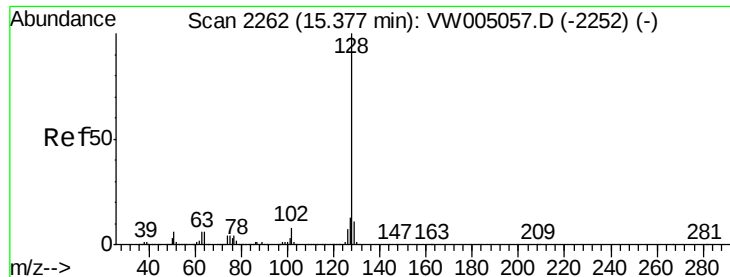
Tgt Ion:180 Resp: 78481
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.6
 145 28.7 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 9.731 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005055.D
 Acq: 01 Sep 2018 00:13

Tgt Ion:225 Resp: 50440
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.4 94.3
 227 64.6 32.0 96.0

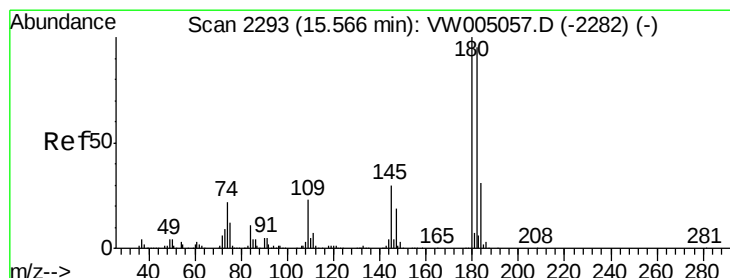
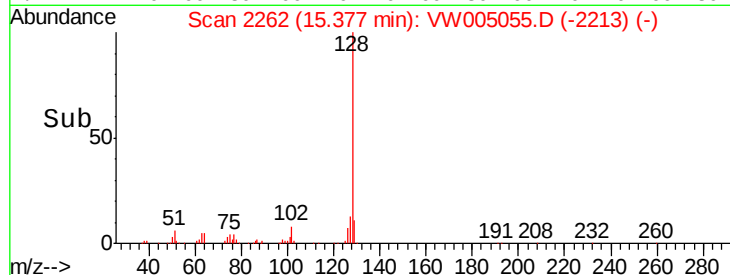
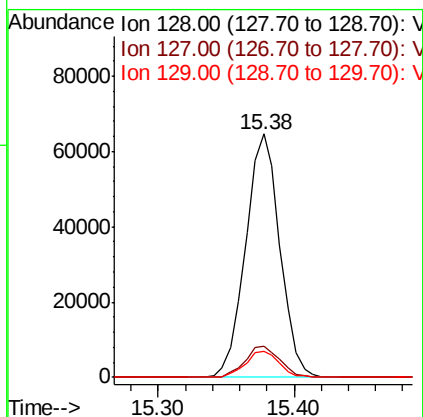
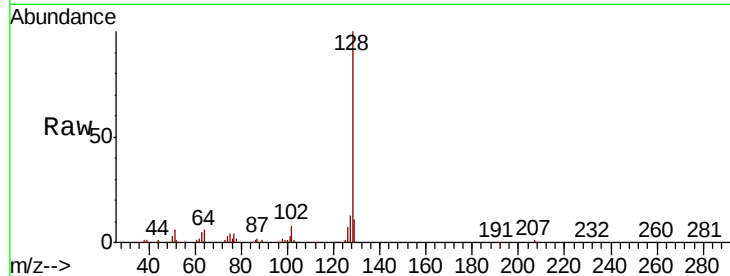




#95
Naphthalene
Concen: 11.270 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 114112
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.414 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005055.D
Acq: 01 Sep 2018 00:13

Tgt Ion:180 Resp: 67140
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.3
145 30.7 15.4 46.1

