

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005059.D
 Acq On : 01 Sep 2018 01:55
 Operator : SY/AP
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Quant Time: Sep 01 07:30:01 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	534669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	772140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	752806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	392421	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	383156	86.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.90%	
35) Dibromofluoromethane	7.89	113	412452	92.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.86%	
50) Toluene-d8	10.33	98	1991081	96.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.68%	
62) 4-Bromofluorobenzene	12.62	95	700350	96.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	368533	85.535	ug/l	97
3) Chloromethane	2.21	50	558816	89.377	ug/l	98
4) Vinyl Chloride	2.36	62	556813	91.580	ug/l	100
5) Bromomethane	2.76	94	362985	103.800	ug/l	97
6) Chloroethane	2.92	64	345791	91.371	ug/l	99
7) Trichlorofluoromethane	3.26	101	618172	90.383	ug/l	99
8) Diethyl Ether	3.69	74	228006	92.138	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	416049	88.561	ug/l	99
10) Methyl Iodide	4.28	142	703195	96.330	ug/l	100
11) Tert butyl alcohol	5.18	59	124625	472.687	ug/l	98
12) 1,1-Dichloroethene	4.04	96	413591	95.662	ug/l	97
13) Acrolein	3.90	56	134736	468.352	ug/l	99
14) Allyl chloride	4.68	41	670206	99.168	ug/l	100
15) Acrylonitrile	5.38	53	493859	473.140	ug/l	100
16) Acetone	4.13	43	392805	441.919	ug/l	96
17) Carbon Disulfide	4.39	76	1473859	97.834	ug/l	99
18) Methyl Acetate	4.68	43	238979	91.396	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	1036601	98.739	ug/l	98
20) Methylene Chloride	4.92	84	541635	93.598	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	496781	94.310	ug/l	99
22) Diisopropyl ether	6.32	45	1430055	100.557	ug/l	98
23) Vinyl Acetate	6.26	43	3728410	499.123	ug/l	99
24) 1,1-Dichloroethane	6.23	63	833821	93.803	ug/l	99
25) 2-Butanone	7.18	43	678290	439.957	ug/l	98
26) 2,2-Dichloropropane	7.18	77	641734	87.851	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	549838	95.421	ug/l	100
28) Bromochloromethane	7.52	49	310860	86.884	ug/l	99
29) Tetrahydrofuran	7.54	42	370199	469.942	ug/l	100
30) Chloroform	7.68	83	837559	92.317	ug/l	98
31) Cyclohexane	7.96	56	807007	92.707	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	720644	91.202	ug/l	100
36) 1,1-Dichloropropene	8.09	75	713240	96.989	ug/l	99
37) Ethyl Acetate	7.26	43	250294	91.011	ug/l	99
38) Carbon Tetrachloride	8.07	117	646809	92.503	ug/l	99

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 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 01 07:30:01 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)
39) Methylcyclohexane	9.34	83	912576	102.613	ug/l	99
40) Benzene	8.33	78	2191641	97.352	ug/l	99
41) Methacrylonitrile	7.49	41	146103	91.690	ug/l	94
42) 1,2-Dichloroethane	8.41	62	492070	89.310	ug/l	100
43) Isopropyl Acetate	8.43	43	488549	97.624	ug/l	100
44) Trichloroethene	9.10	130	581463	95.727	ug/l	99
45) 1,2-Dichloropropane	9.37	63	525273	95.509	ug/l	100
46) Dibromomethane	9.46	93	239389	91.029	ug/l	99
47) Bromodichloromethane	9.65	83	617869	93.310	ug/l	100
48) Methyl methacrylate	9.44	41	247594	102.748	ug/l	98
49) 1,4-Dioxane	9.46	88	78462	1844.945	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1652085	492.577	ug/l	99
52) Toluene	10.40	92	1520032	99.648	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	663943	102.041	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	791061	99.970	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	378075	92.854	ug/l	97
56) Ethyl methacrylate	10.65	69	495700	106.710	ug/l	99
57) 1,3-Dichloropropane	10.94	76	640638	95.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1107633	503.204	ug/l	100
59) 2-Hexanone	10.98	43	1132772	499.351	ug/l	98
60) Dibromochloromethane	11.13	129	449073	97.557	ug/l	100
61) 1,2-Dibromoethane	11.24	107	348913	94.915	ug/l	100
64) Tetrachloroethene	10.87	164	573912	97.164	ug/l	98
65) Chlorobenzene	11.66	112	1659946	97.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	508445	98.176	ug/l	100
67) Ethyl Benzene	11.74	91	2945261	102.800	ug/l	100
68) m/p-Xylenes	11.85	106	2326531	202.811	ug/l	100
69) o-Xylene	12.17	106	1101214	103.829	ug/l	99
70) Styrene	12.19	104	1834733	104.723	ug/l	100
71) Bromoform	12.35	173	267464	97.441	ug/l	100
73) Isopropylbenzene	12.47	105	2947197	106.513	ug/l	100
74) N-amyl acetate	12.28	43	505797	106.162	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	406559	96.518	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	545456	185.176	ug/l #	100
77) Bromobenzene	12.75	156	686462	100.686	ug/l	100
78) n-propylbenzene	12.81	91	3485947	104.360	ug/l	100
79) 2-Chlorotoluene	12.90	91	1998374	102.545	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	2477695	103.546	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	129046	105.445	ug/l	97
82) 4-Chlorotoluene	12.99	91	2100342	102.066	ug/l	99
83) tert-Butylbenzene	13.21	119	2112861	105.734	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	2525948	103.653	ug/l	100
85) sec-Butylbenzene	13.39	105	3025844	103.037	ug/l	100
86) p-Isopropyltoluene	13.51	119	2722104	104.715	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1375278	98.201	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1343442	96.703	ug/l	100
89) n-Butylbenzene	13.83	91	2498734	103.717	ug/l	100
90) Hexachloroethane	14.10	117	437707	101.368	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1187272	97.265	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	60497	91.906	ug/l	99

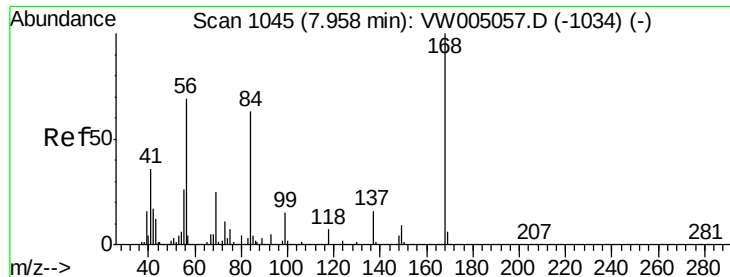
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Sep 01 07:30:01 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)
93) 1,2,4-Trichlorobenzene	15.14	180	809257	98.873	ug/l	100
94) Hexachlorobutadiene	15.24	225	481377	94.563	ug/l	99
95) Naphthalene	15.38	128	1355443	92.154	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	689429	98.426	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

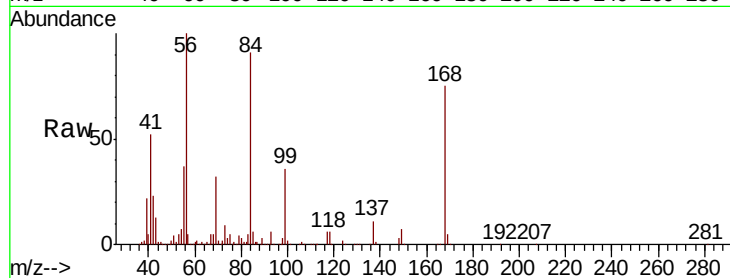
VSTDIC100

Tgt Ion:168 Resp: 534669

Ion Ratio Lower Upper

168 100

99 48.4 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

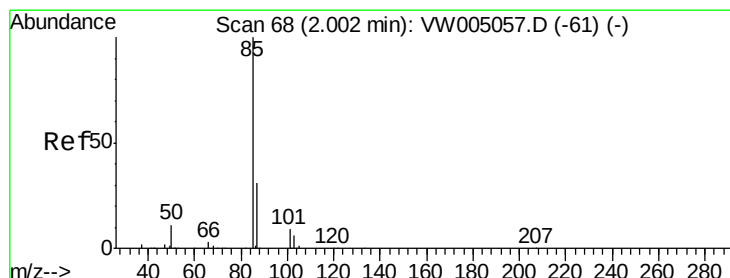
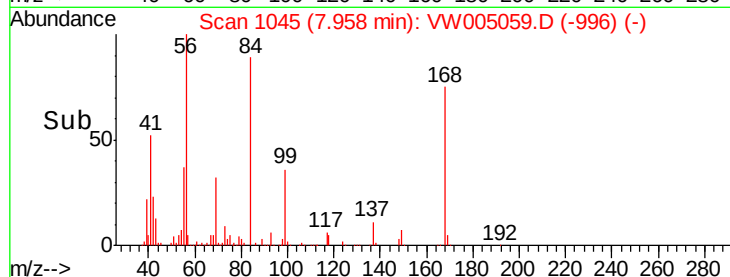
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 85.535 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005059.D

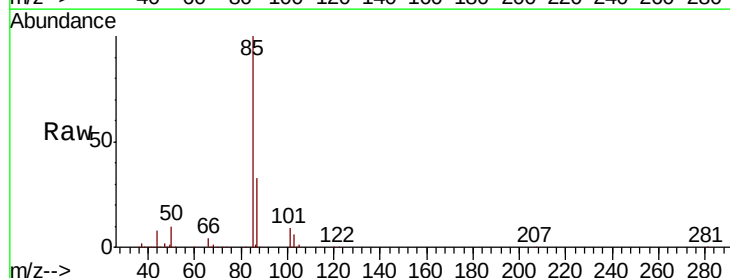
Acq: 01 Sep 2018 01:55

Tgt Ion: 85 Resp: 368533

Ion Ratio Lower Upper

85 100

87 33.1 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

300000

250000

200000

150000

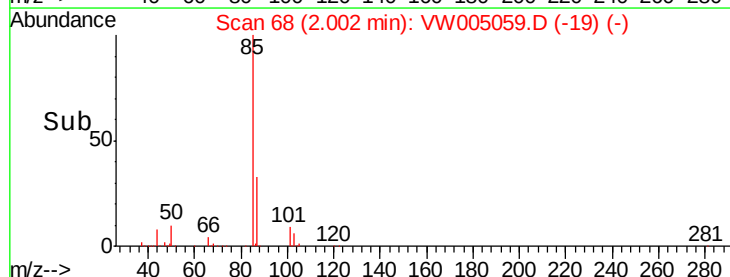
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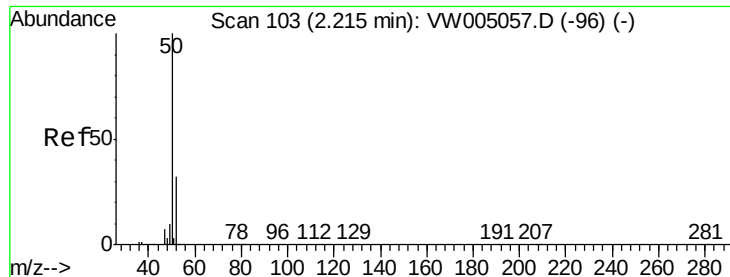
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 89.377 ug/l

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

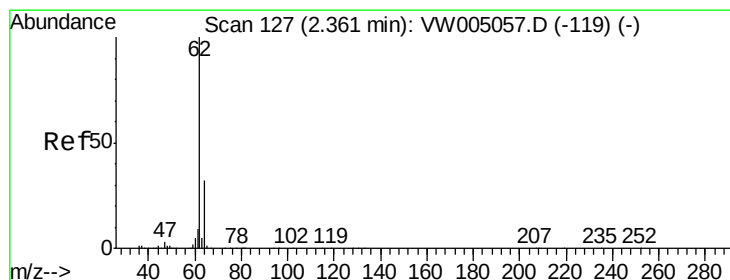
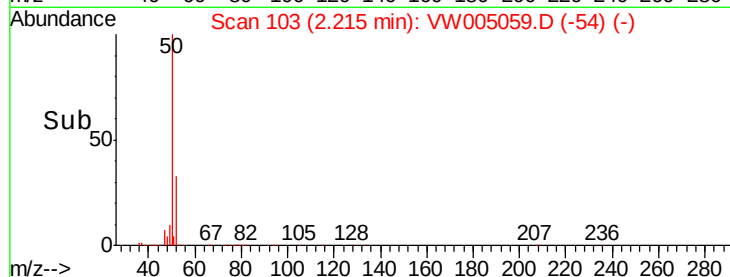
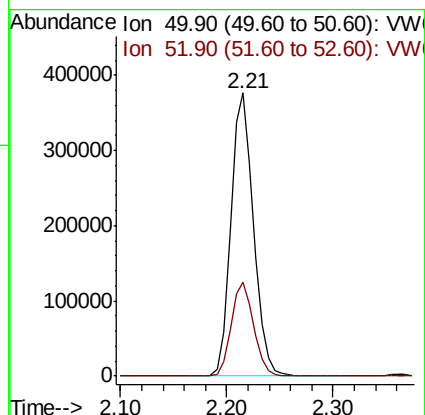
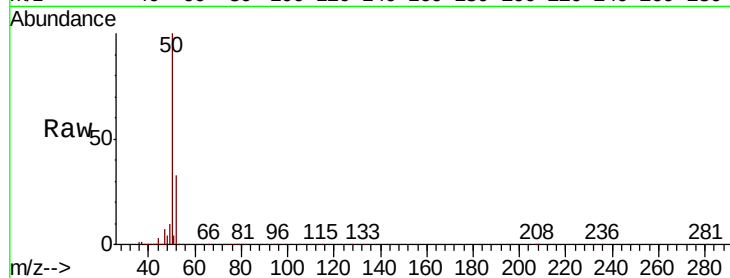
VSTDICC100

Tgt Ion: 50 Resp: 558816

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.6



#4

Vinyl Chloride

Concen: 91.580 ug/l

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW005059.D

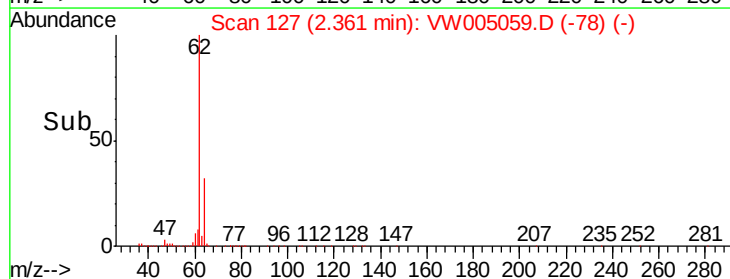
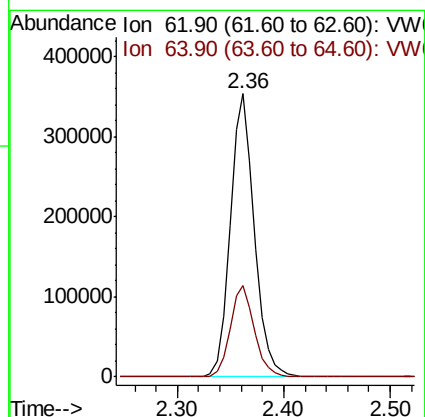
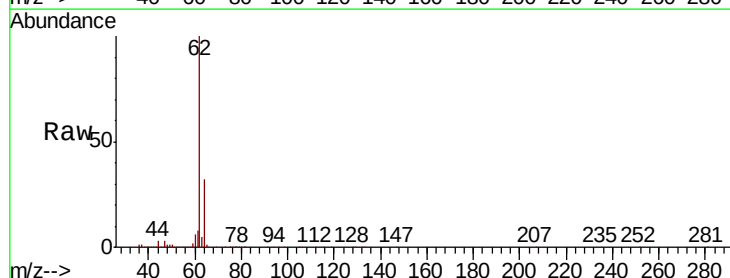
Acq: 01 Sep 2018 01:55

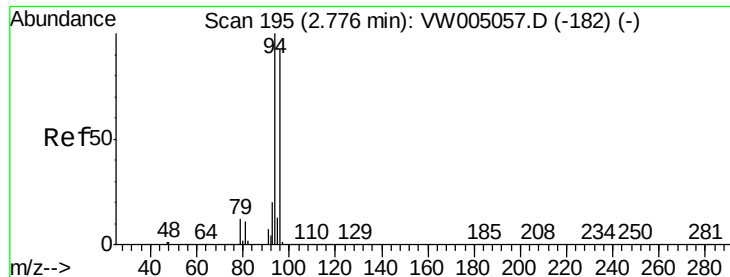
Tgt Ion: 62 Resp: 556813

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 103.800 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

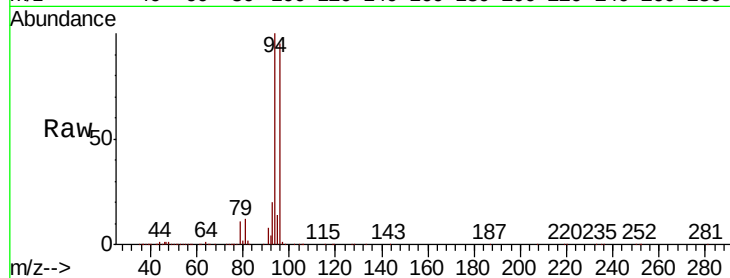
VSTDICC100

Tgt Ion: 94 Resp: 362985

Ion Ratio Lower Upper

94 100

96 94.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

200000

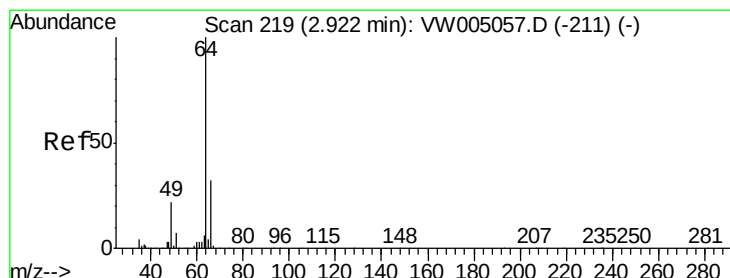
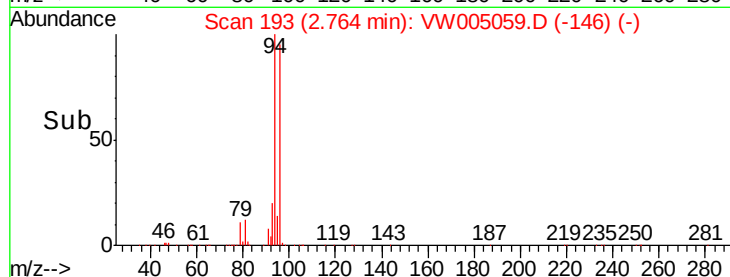
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 91.371 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005059.D

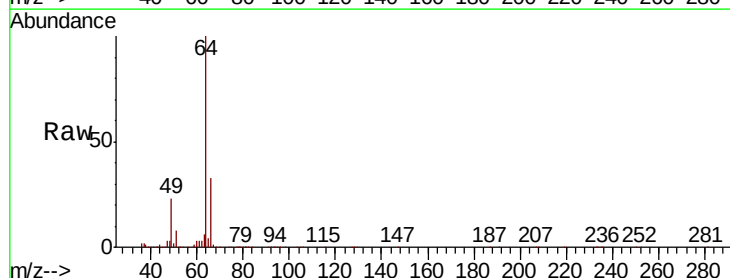
Acq: 01 Sep 2018 01:55

Tgt Ion: 64 Resp: 345791

Ion Ratio Lower Upper

64 100

66 32.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

200000

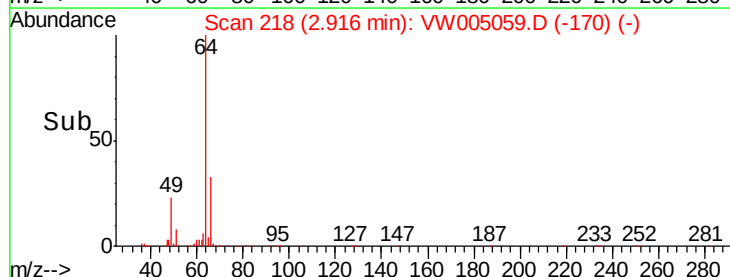
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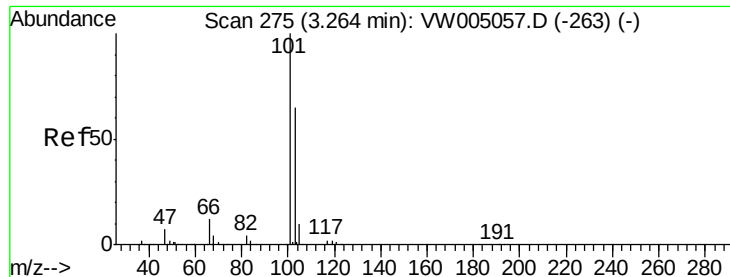
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50000

0

Time-->



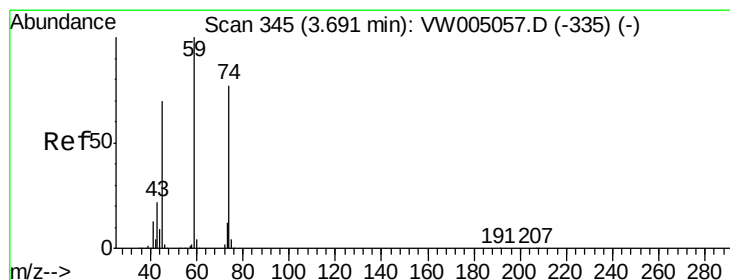
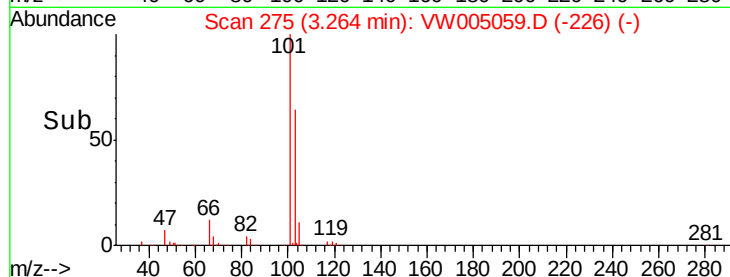
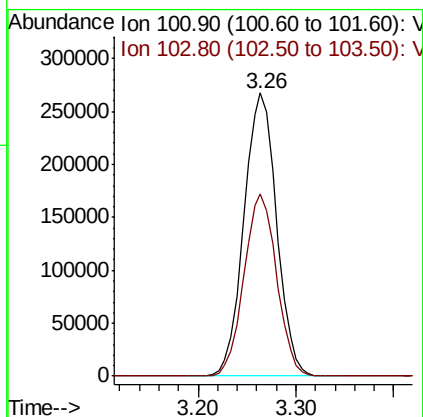
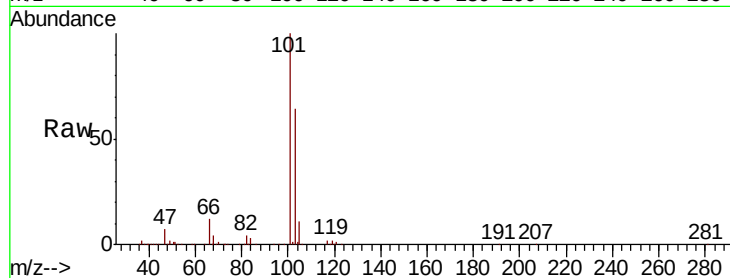


#7

Trichlorofluoromethane
 Concen: 90.383 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
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 VSTDIC100

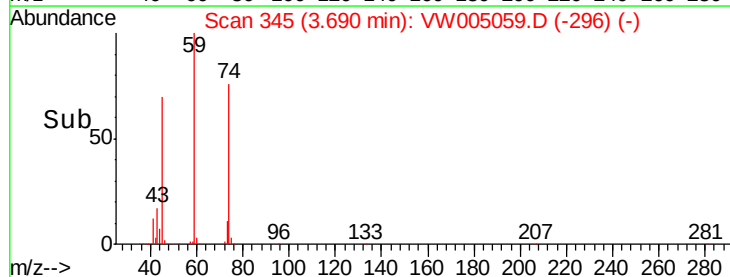
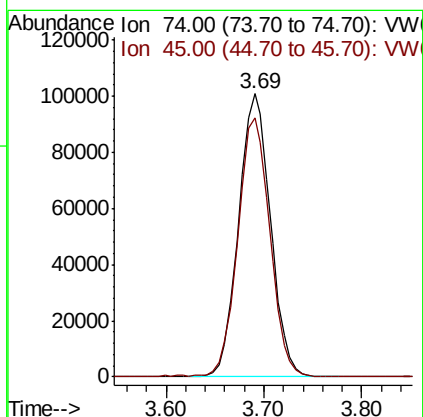
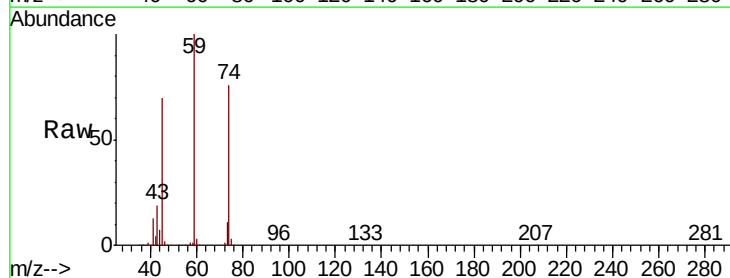
Tgt Ion: 101 Resp: 618172
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9

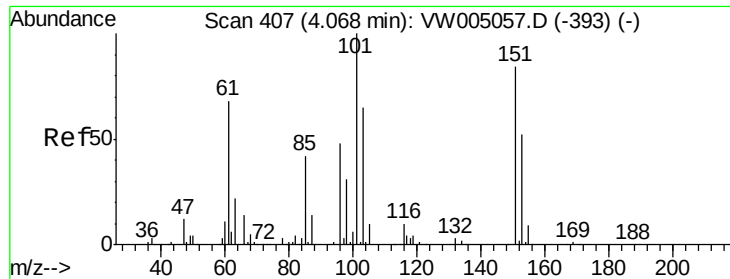


#8

Diethyl Ether
 Concen: 92.138 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion: 74 Resp: 228006
 Ion Ratio Lower Upper
 74 100
 45 91.4 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 88.561 ug/l

RT: 4.07 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

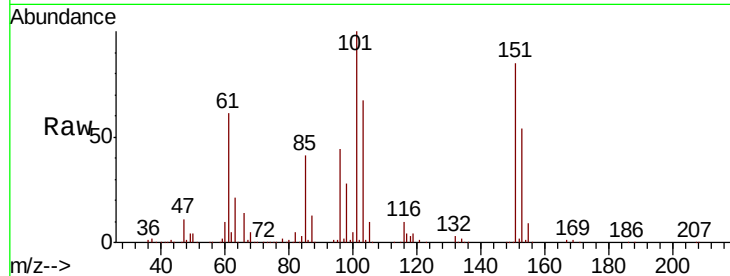
Tgt Ion:101 Resp: 416049

Ion Ratio Lower Upper

101 100

85 41.6 33.0 49.6

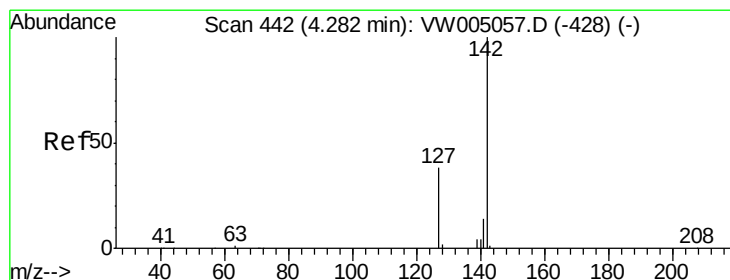
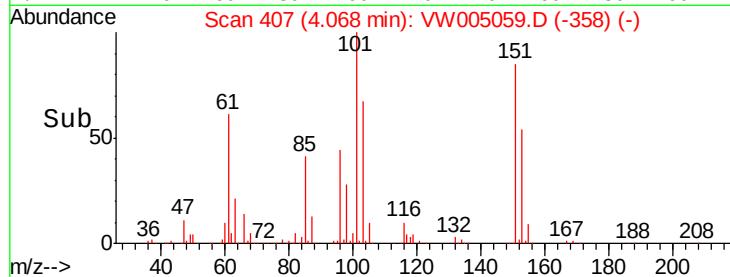
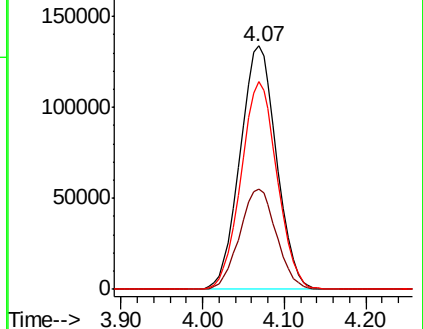
151 84.4 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 96.330 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

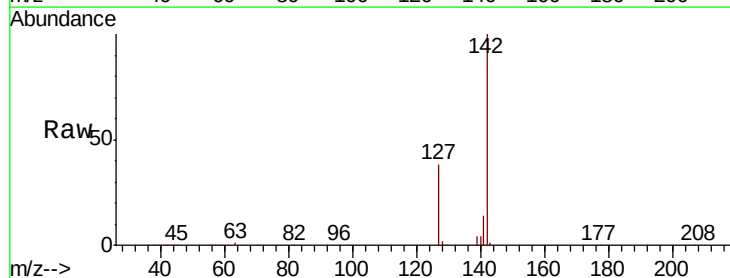
Tgt Ion:142 Resp: 703195

Ion Ratio Lower Upper

142 100

127 38.4 30.8 46.2

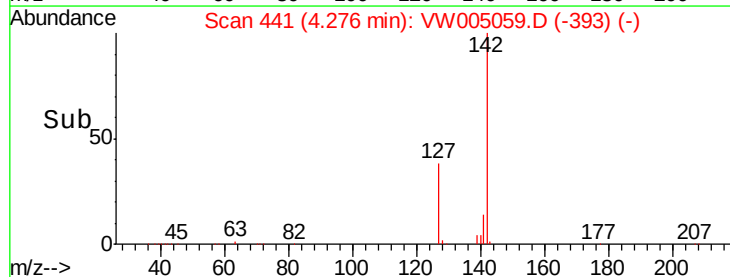
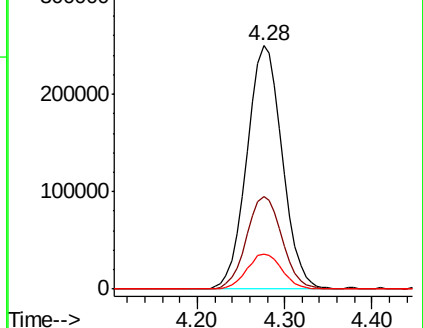
141 14.5 11.6 17.4

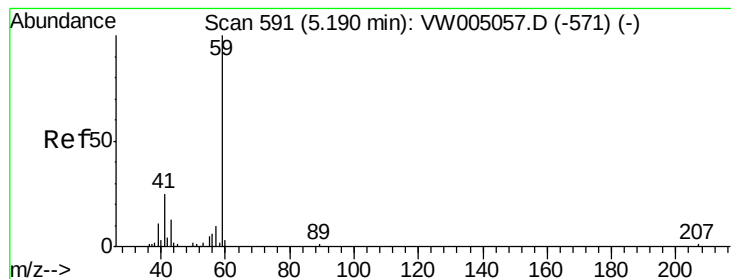


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



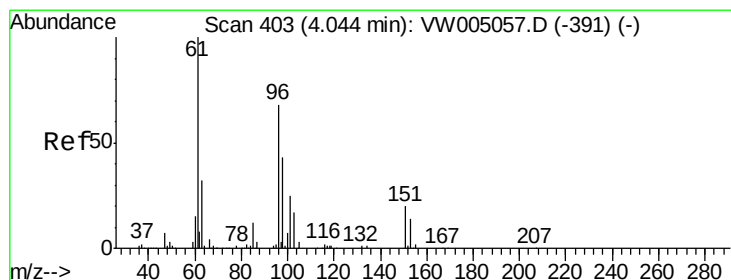
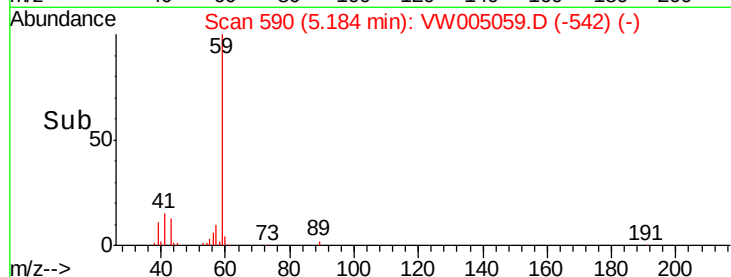
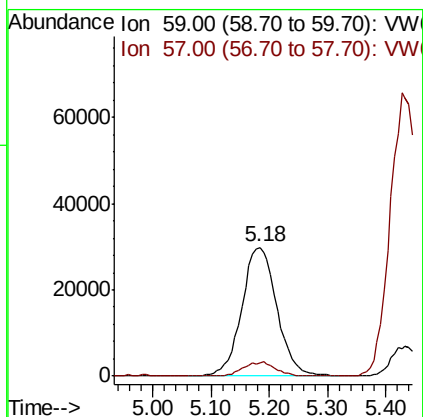
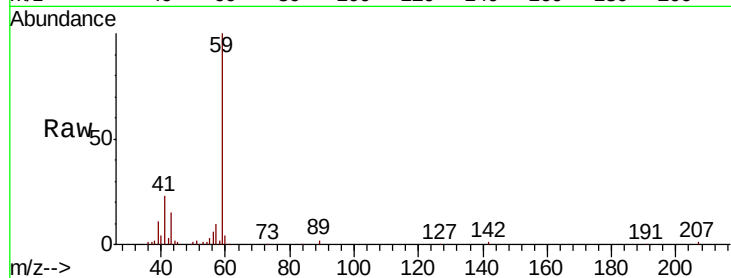


#11

Tert butyl alcohol
Concen: 472.687 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

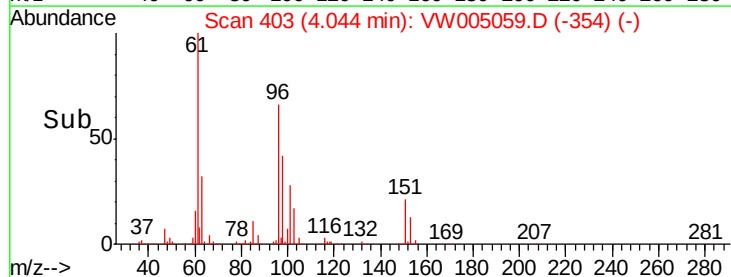
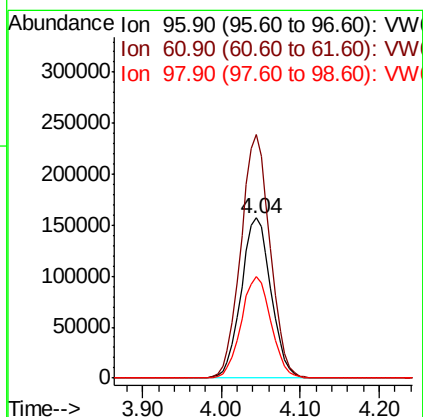
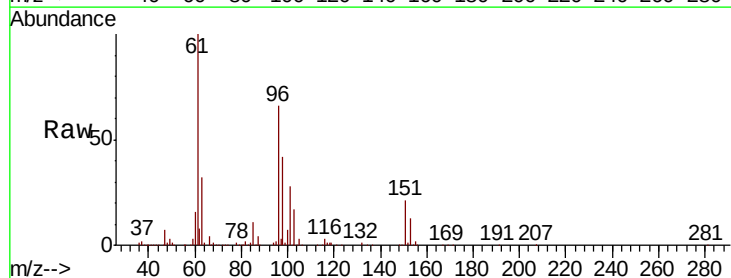
Tgt Ion: 59 Resp: 124625
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8

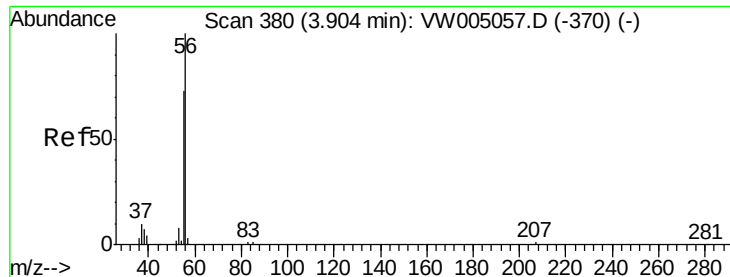


#12

1,1-Dichloroethene
Concen: 95.662 ug/l
RT: 4.04 min Scan# 403
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 96 Resp: 413591
Ion Ratio Lower Upper
96 100
61 152.1 117.4 176.0
98 63.6 51.0 76.4





#13

Acrolein

Concen: 468.352 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

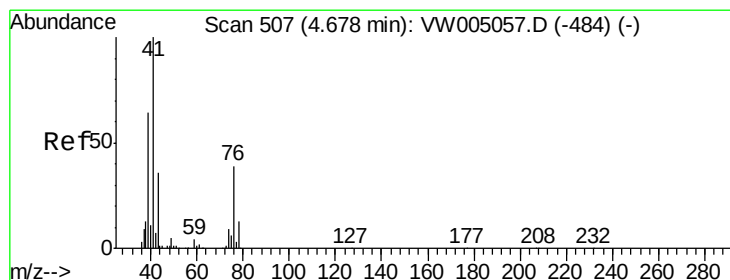
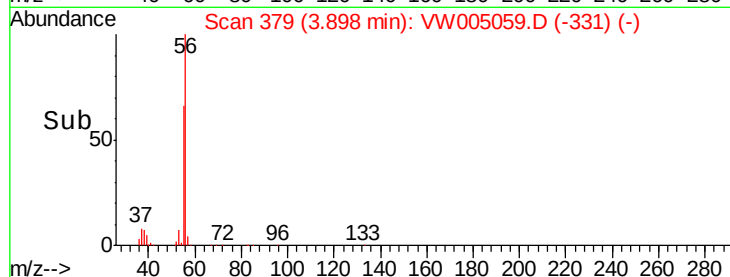
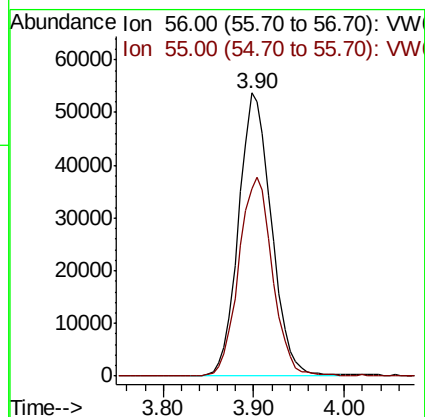
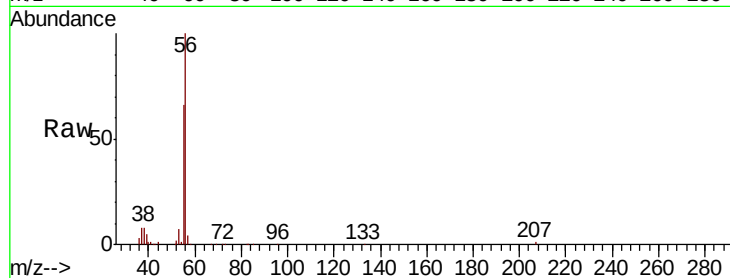
VSTDIC100

Tgt Ion: 56 Resp: 134736

Ion Ratio Lower Upper

56 100

55 72.0 58.1 87.1



#14

Allyl chloride

Concen: 99.168 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

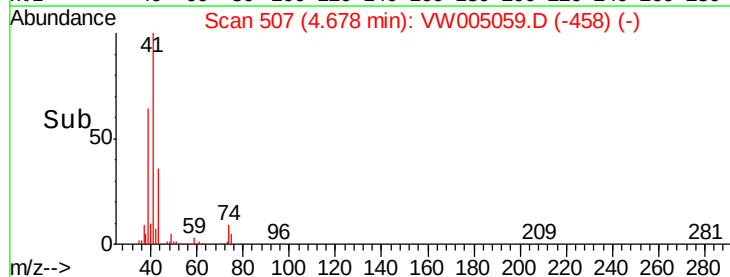
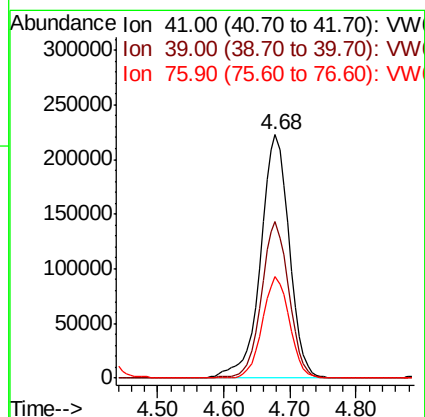
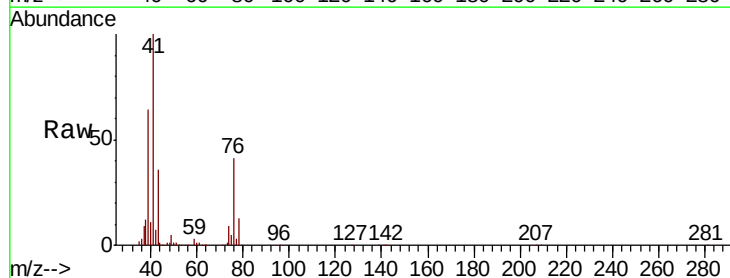
Tgt Ion: 41 Resp: 670206

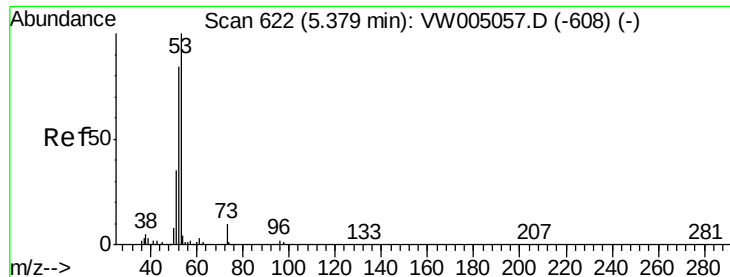
Ion Ratio Lower Upper

41 100

39 61.7 49.4 74.2

76 39.5 31.8 47.6





#15

Acrylonitrile

Concen: 473.140 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

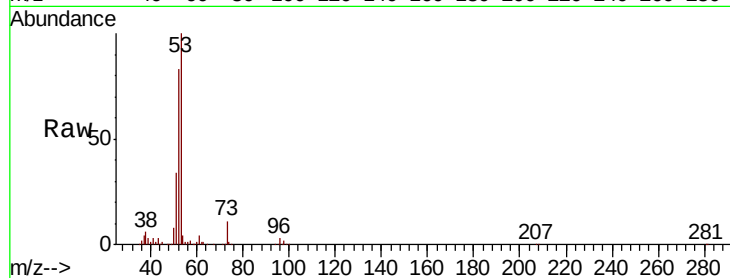
Tgt Ion: 53 Resp: 493859

Ion Ratio Lower Upper

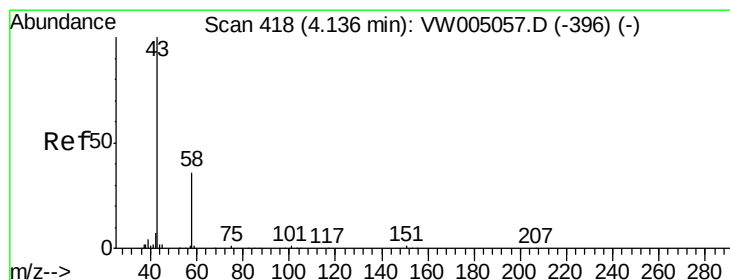
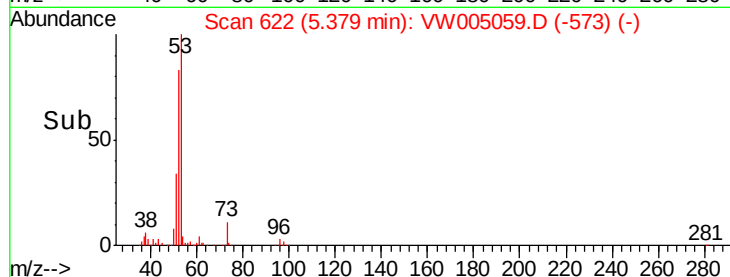
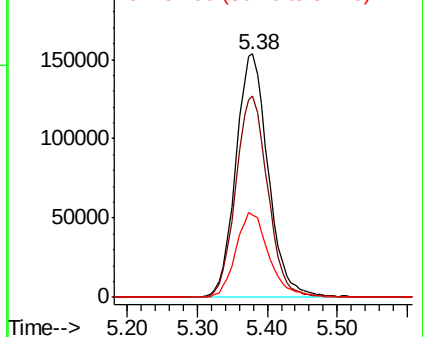
53 100

52 81.8 65.7 98.5

51 35.9 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 441.919 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW005059.D

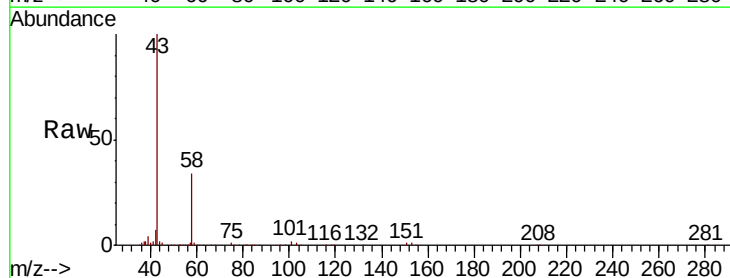
Acq: 01 Sep 2018 01:55

Tgt Ion: 43 Resp: 392805

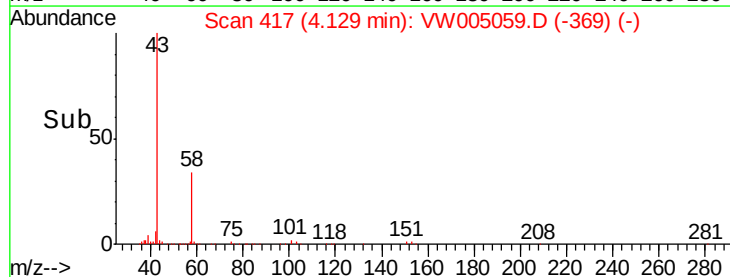
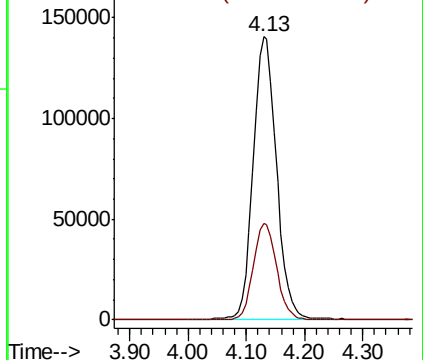
Ion Ratio Lower Upper

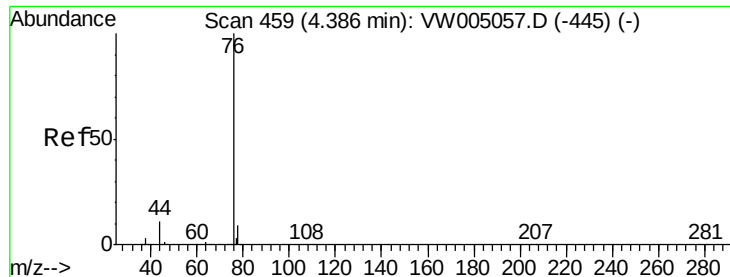
43 100

58 34.2 29.0 43.6



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

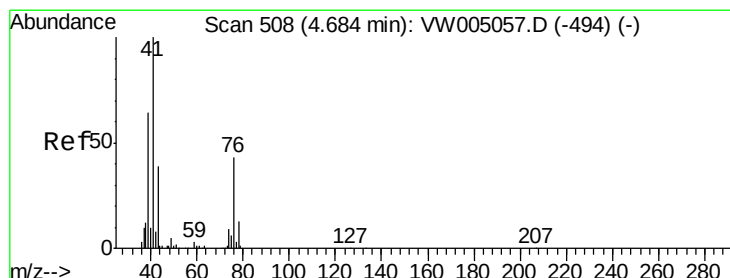
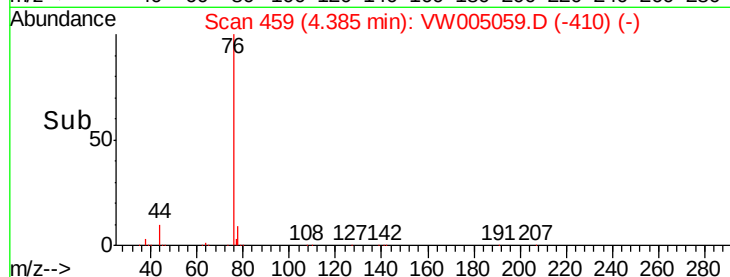
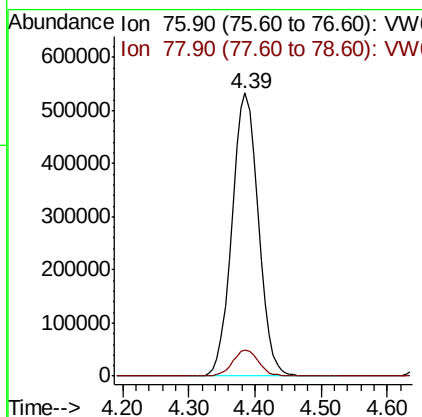
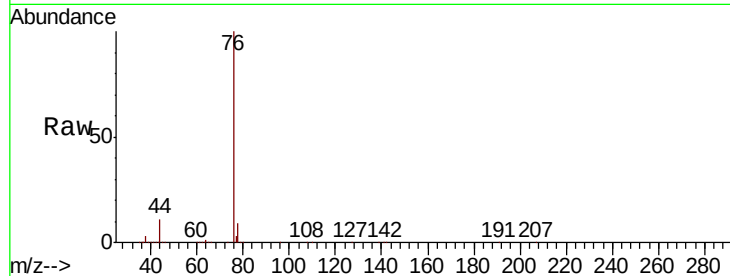




#17
Carbon Disulfide
Concen: 97.834 ug/l
RT: 4.39 min Scan# 459
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

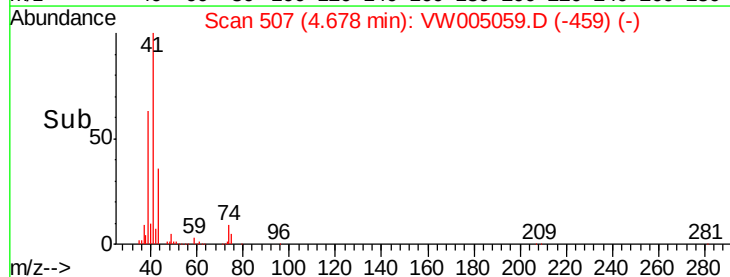
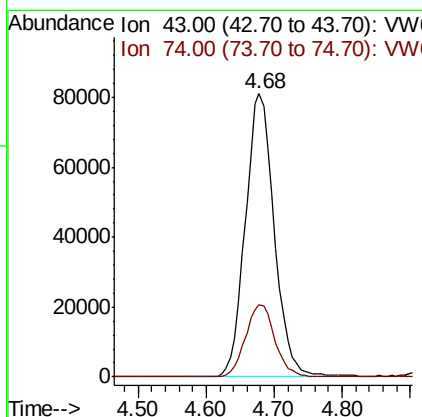
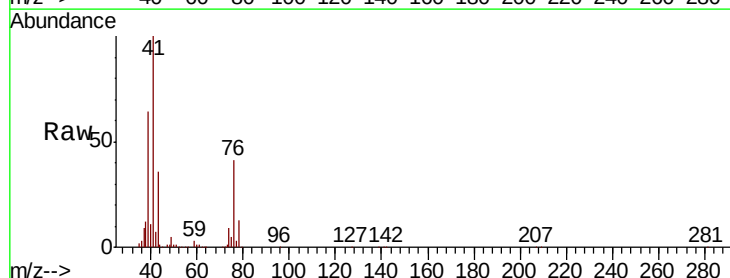
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

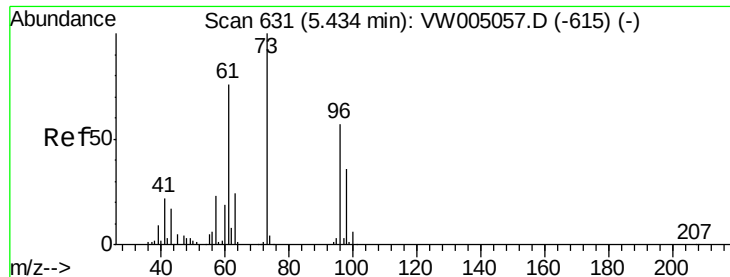
Tgt Ion: 76 Resp: 1473859
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 91.396 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 43 Resp: 238979
Ion Ratio Lower Upper
43 100
74 25.8 20.7 31.1

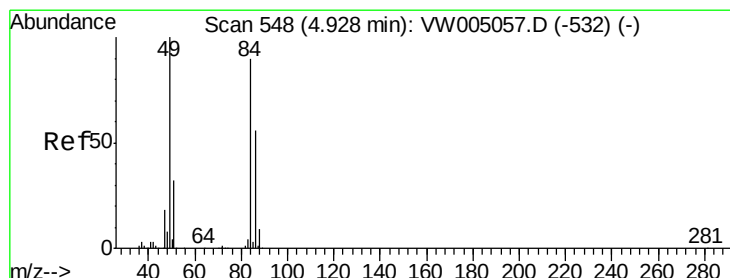
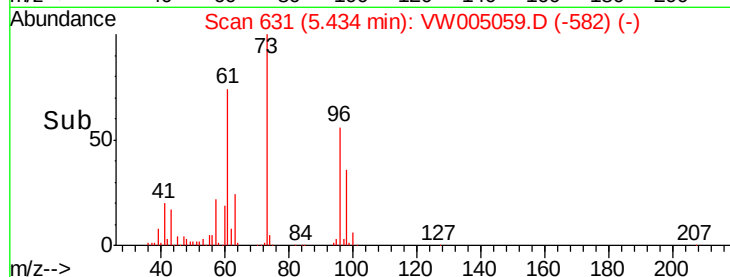
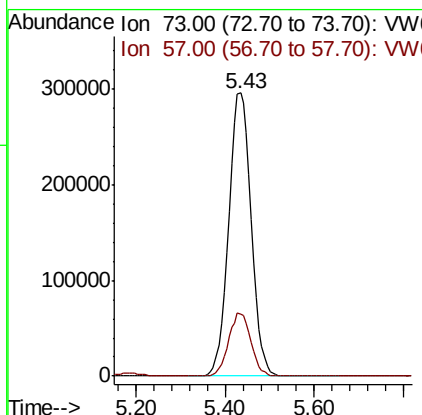
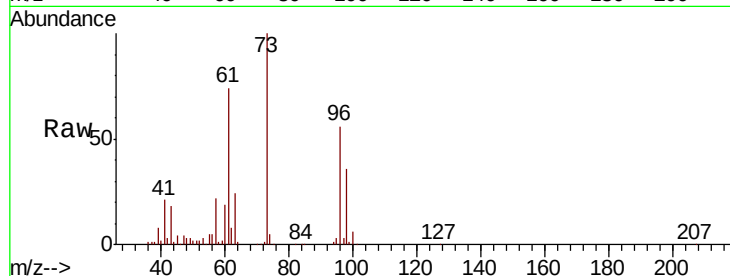




#19
Methyl tert-butyl Ether
Concen: 98.739 ug/l
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

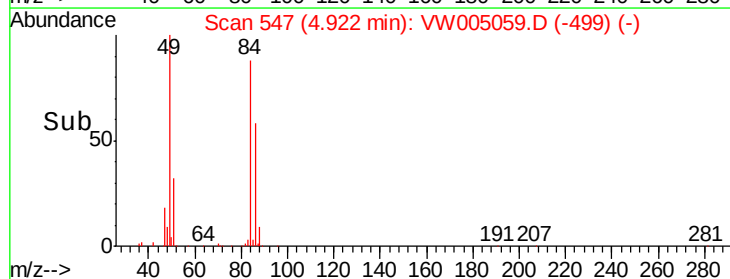
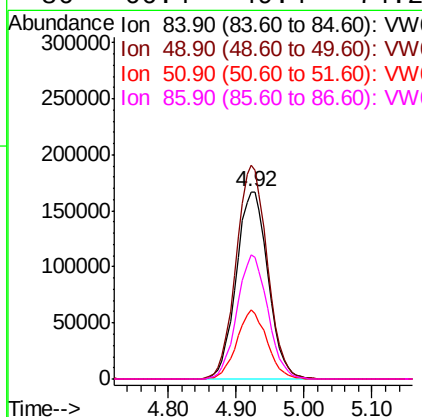
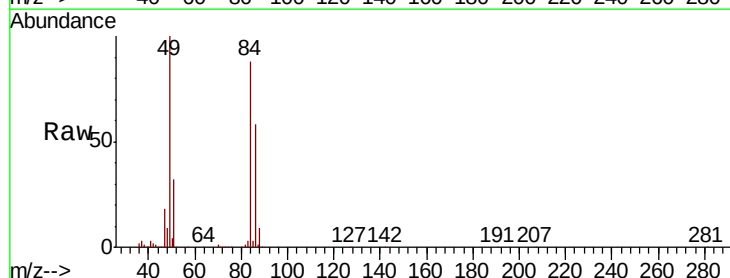
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

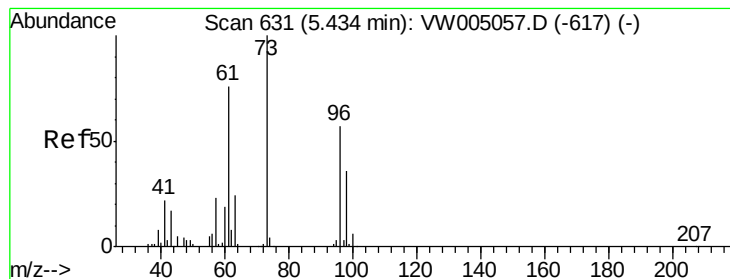
Tgt Ion: 73 Resp: 1036601
Ion Ratio Lower Upper
73 100
57 21.8 18.1 27.1



#20
Methylene Chloride
Concen: 93.598 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 84 Resp: 541635
Ion Ratio Lower Upper
84 100
49 114.1 88.7 133.1
51 36.6 28.6 42.8
86 66.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 94.310 ug/l

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

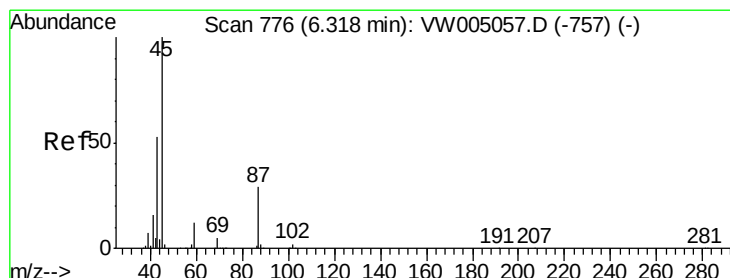
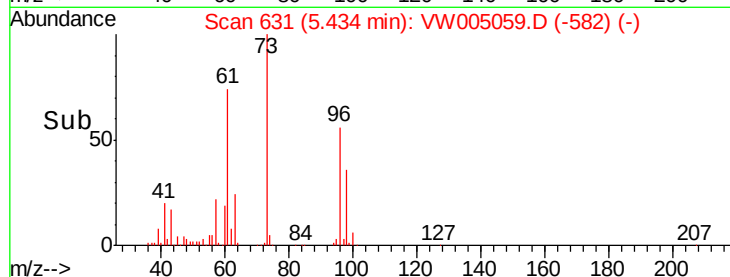
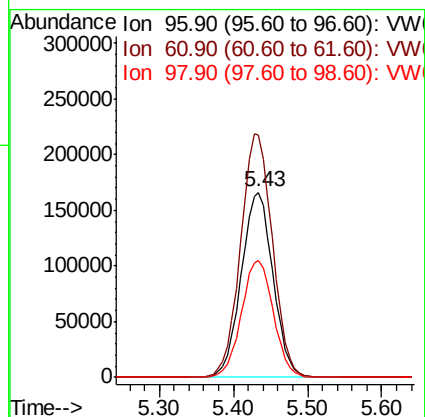
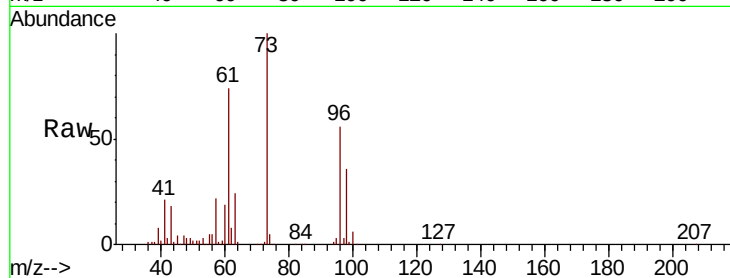
Tgt Ion: 96 Resp: 496781

Ion Ratio Lower Upper

96 100

61 131.2 106.3 159.5

98 63.5 50.9 76.3



#22

Diisopropyl ether

Concen: 100.557 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tgt Ion: 45 Resp: 1430055

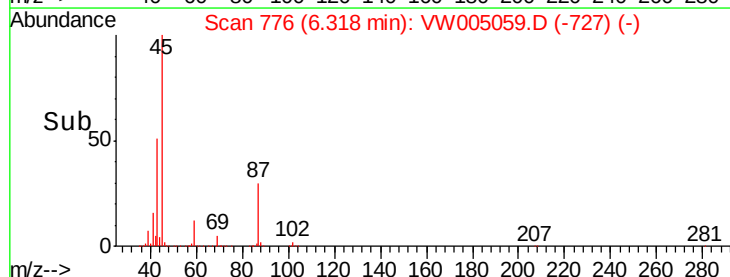
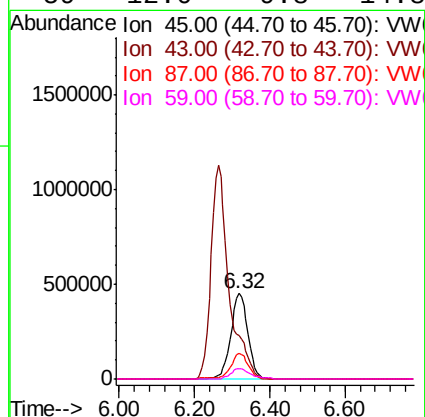
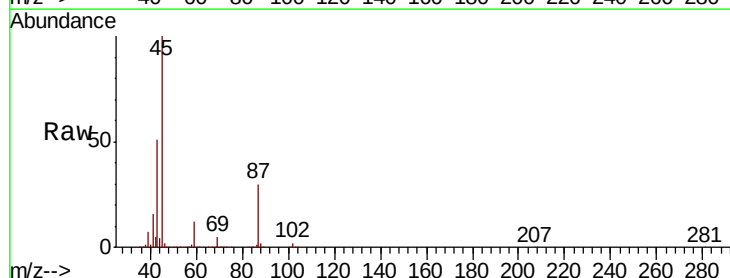
Ion Ratio Lower Upper

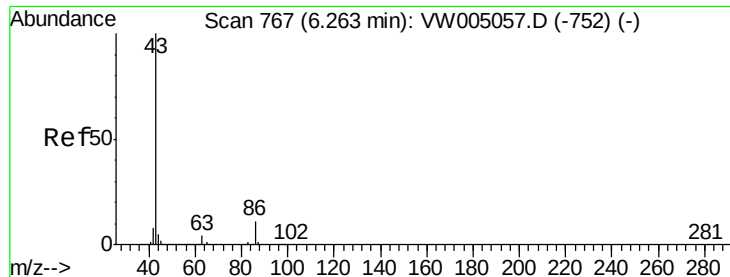
45 100

43 50.5 42.6 63.8

87 29.7 23.6 35.4

59 12.0 9.8 14.8





#23

Vinyl Acetate

Concen: 499.123 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

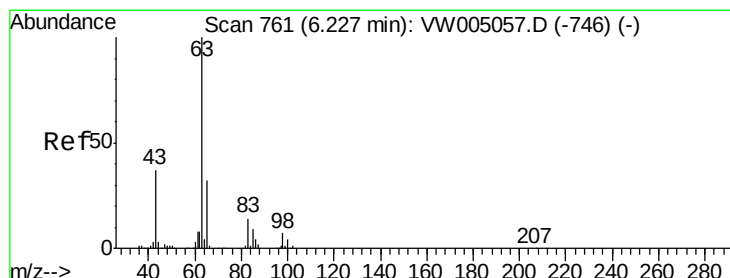
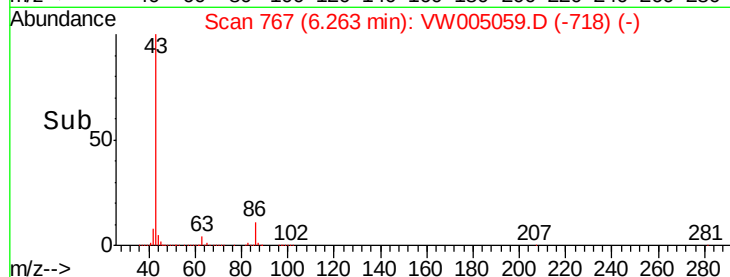
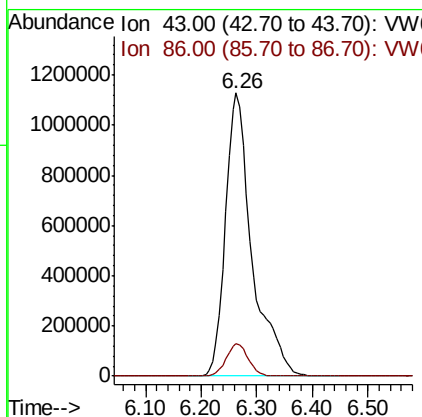
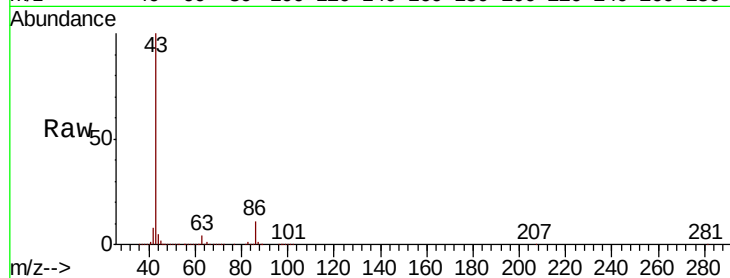
VSTDIC100

Tgt Ion: 43 Resp: 3728410

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.4



#24

1,1-Dichloroethane

Concen: 93.803 ug/l

RT: 6.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

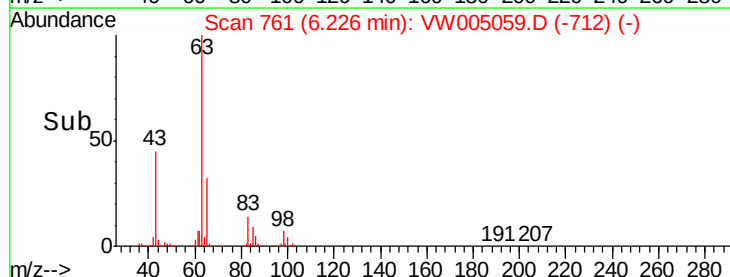
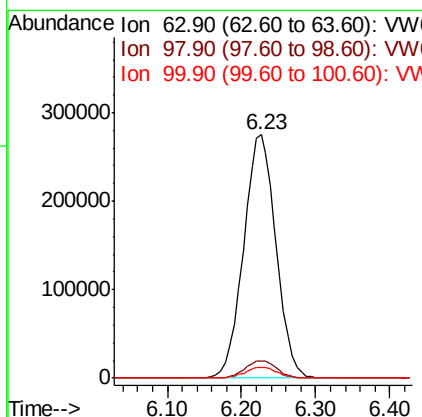
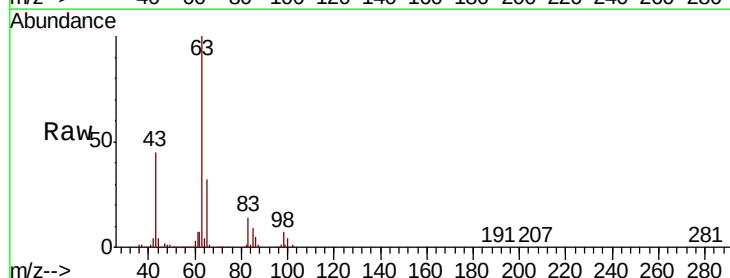
Tgt Ion: 63 Resp: 833821

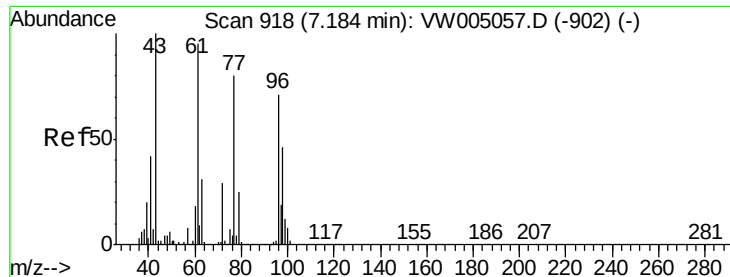
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 439.957 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

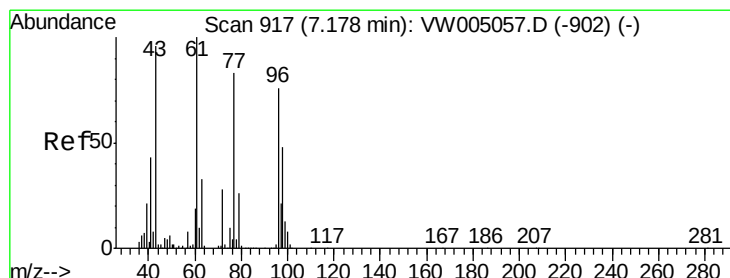
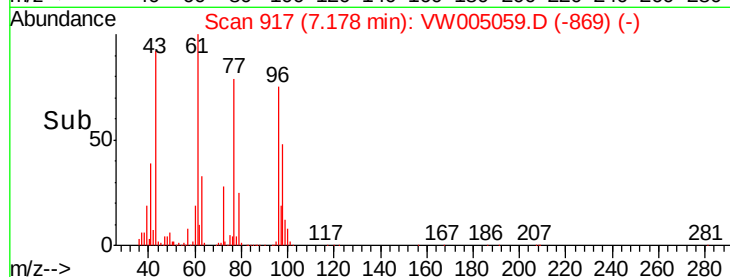
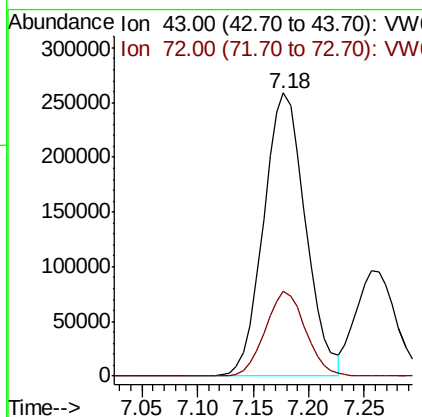
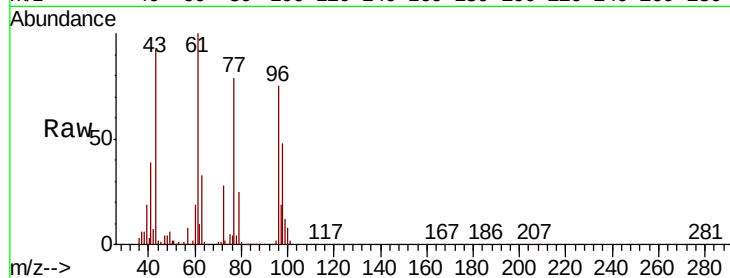
VSTDIC100

Tgt Ion: 43 Resp: 678290

Ion Ratio Lower Upper

43 100

72 30.2 23.1 34.7



#26

2,2-Dichloropropane

Concen: 87.851 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW005059.D

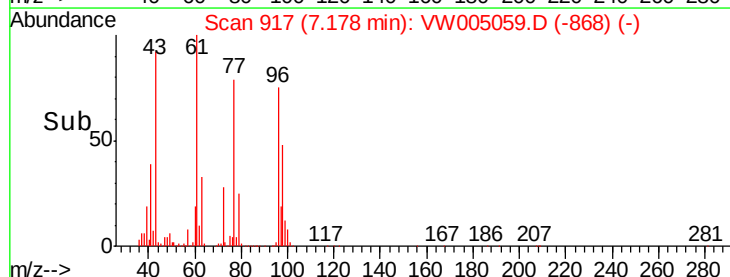
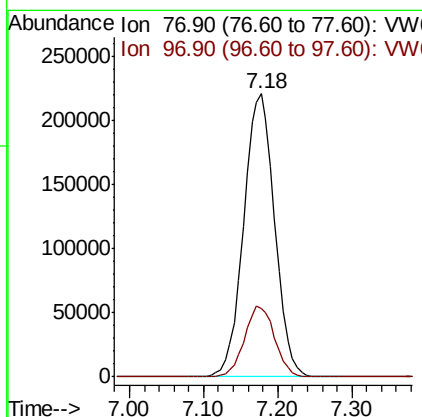
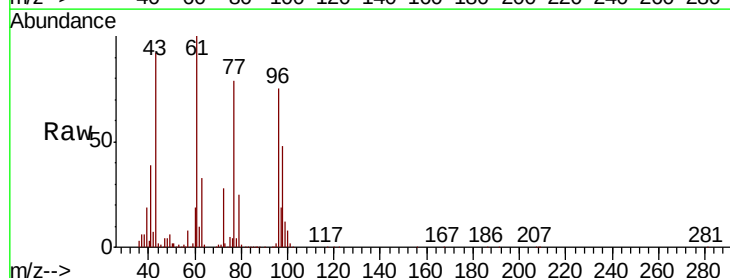
Acq: 01 Sep 2018 01:55

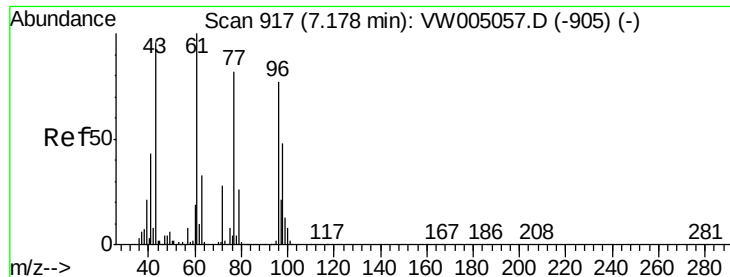
Tgt Ion: 77 Resp: 641734

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.6



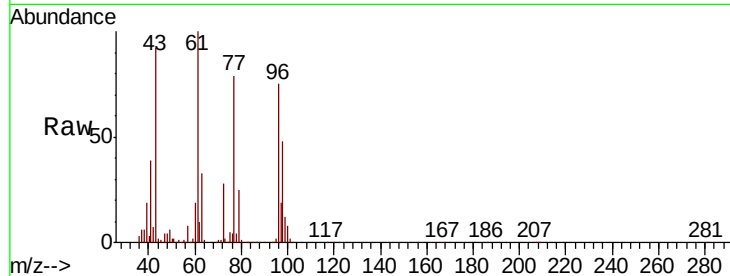


#27

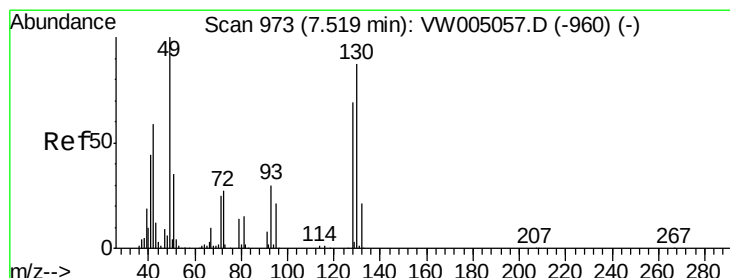
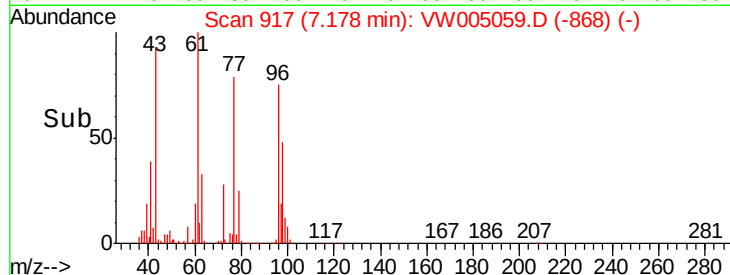
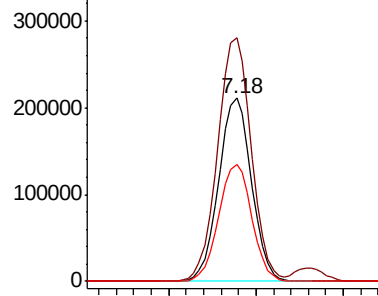
cis-1,2-Dichloroethene
Concen: 95.421 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	273.2
98	64.7	0.0	127.8



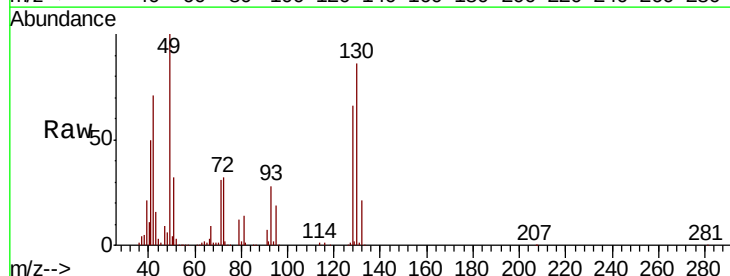
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



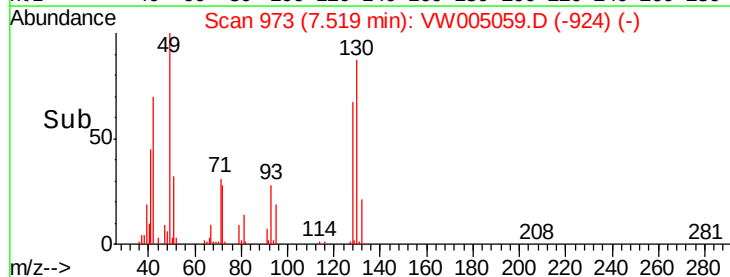
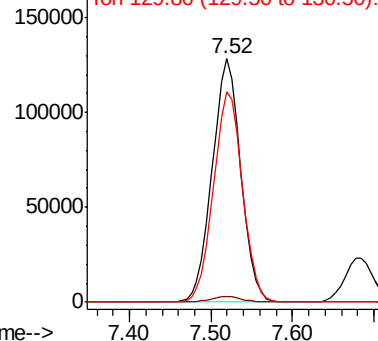
#28

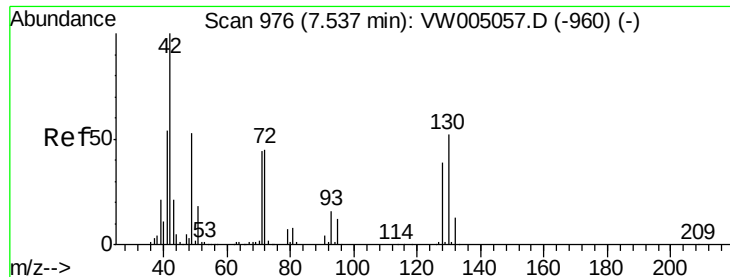
Bromochloromethane
Concen: 86.884 ug/l
RT: 7.52 min Scan# 973
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	87.9	69.6	104.4



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

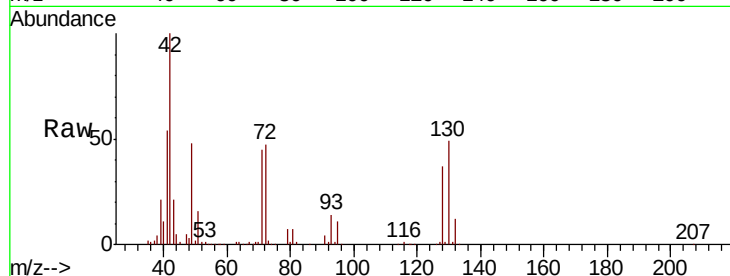




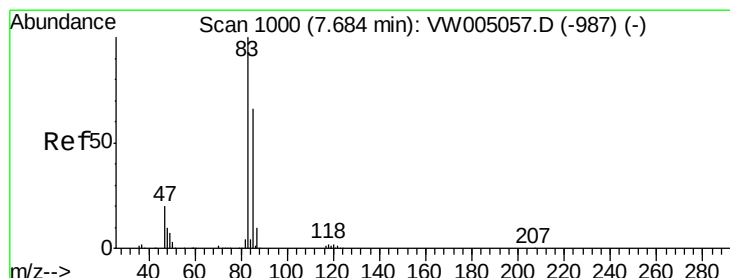
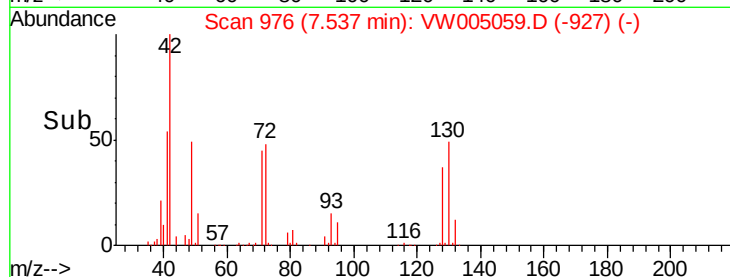
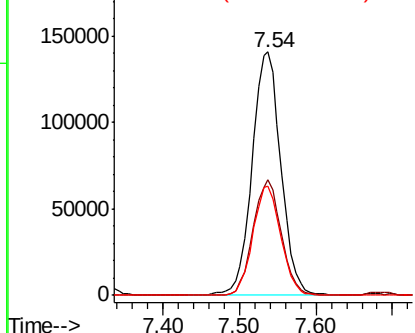
#29
Tetrahydrofuran
Concen: 469.942 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 370199
Ion Ratio Lower Upper
42 100
72 46.5 37.0 55.4
71 43.5 35.0 52.6

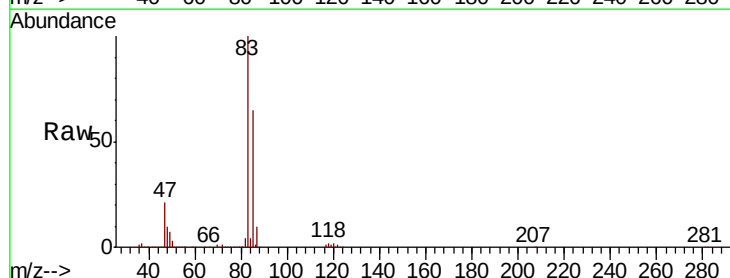


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

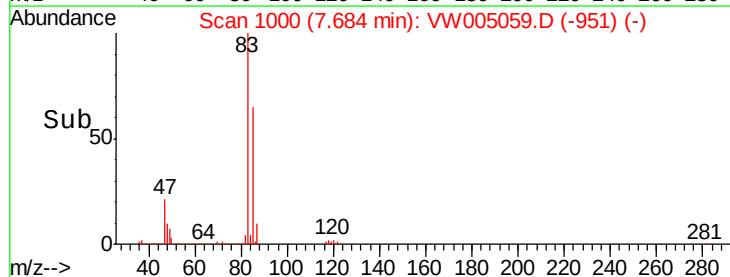
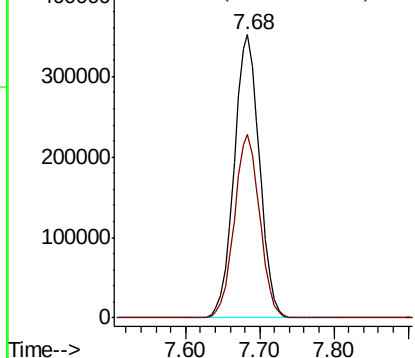


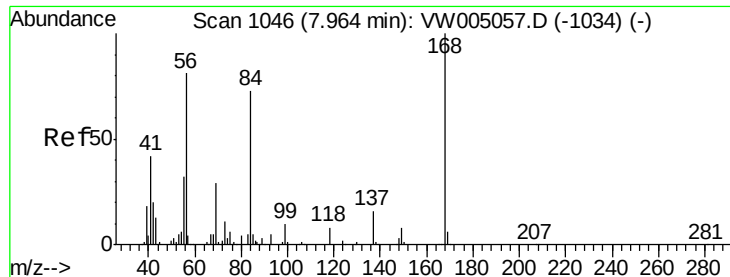
#30
Chloroform
Concen: 92.317 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 83 Resp: 837559
Ion Ratio Lower Upper
83 100
85 64.8 53.1 79.7



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

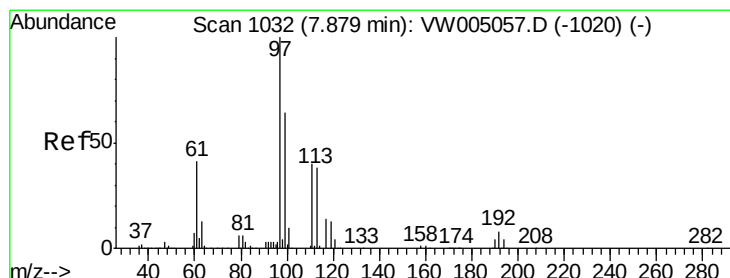
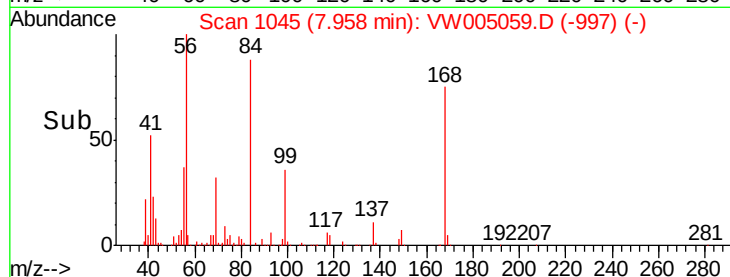
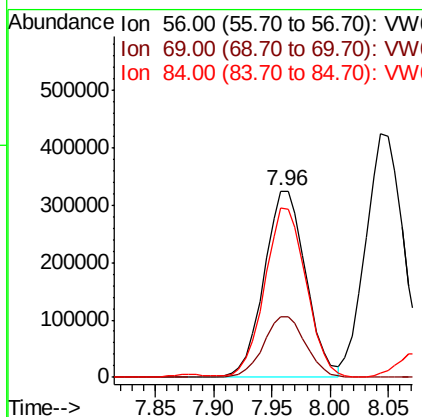
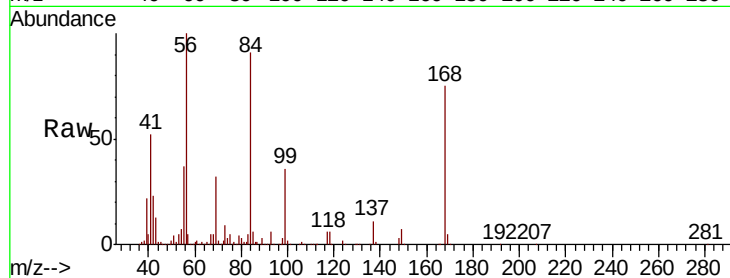




#31
Cyclohexane
Concen: 92.707 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

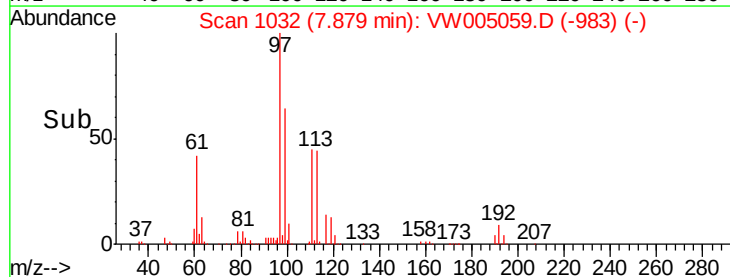
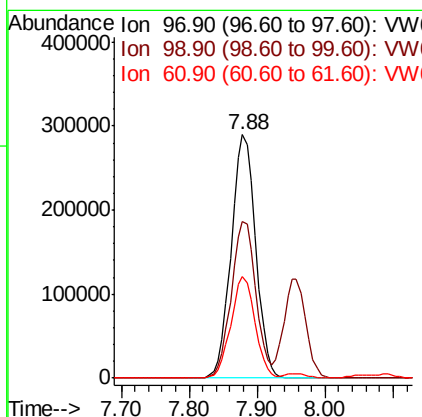
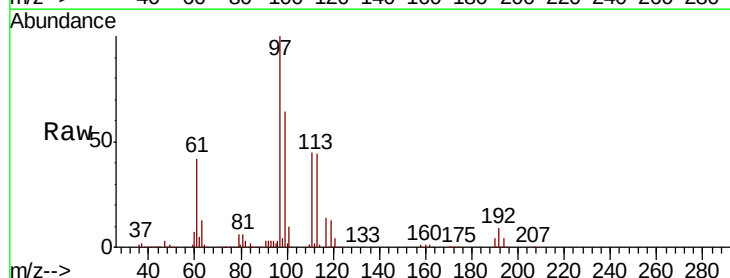
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

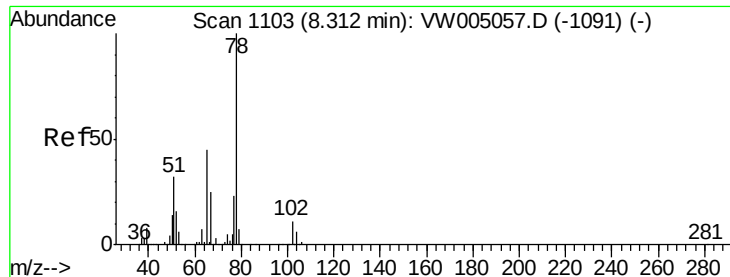
Tgt Ion: 56 Resp: 807007
Ion Ratio Lower Upper
56 100
69 32.4 28.2 42.2
84 89.3 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 91.202 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 97 Resp: 720644
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.8
61 41.4 33.2 49.8

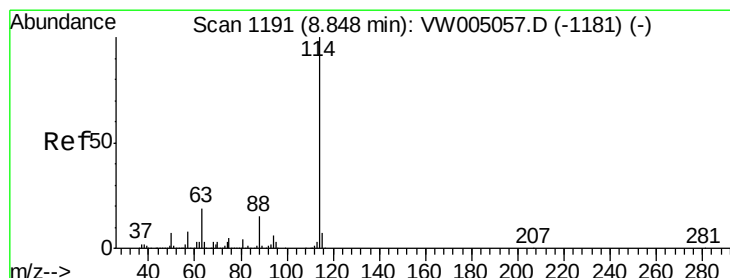
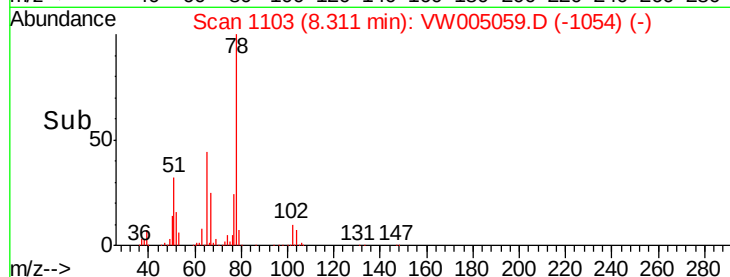
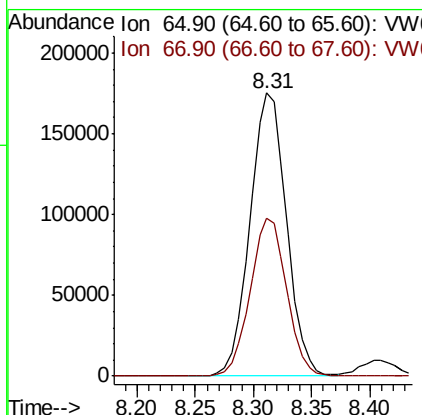
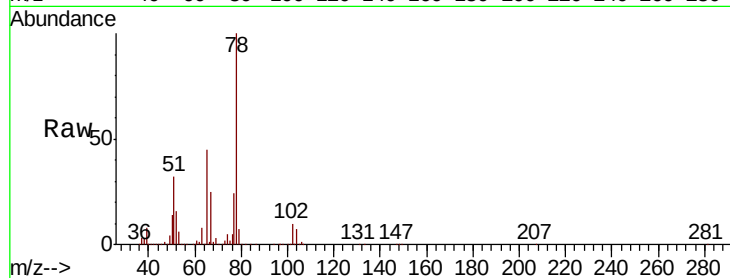




#33
 1,2-Dichloroethane-d4
 Concen: 86.449 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

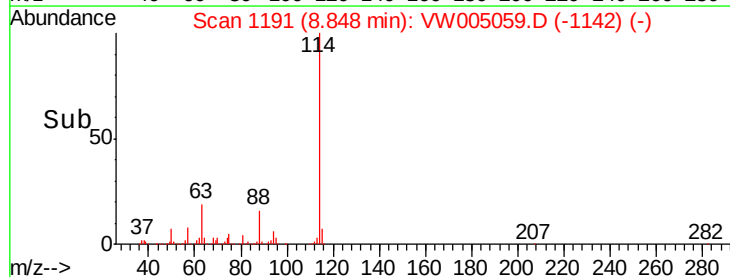
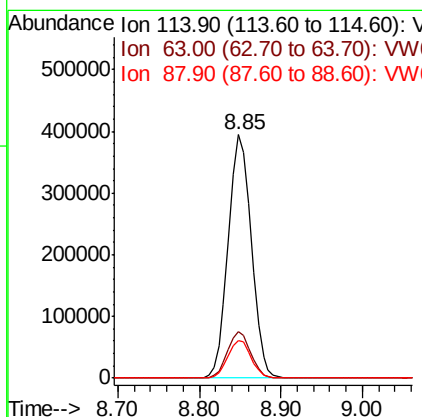
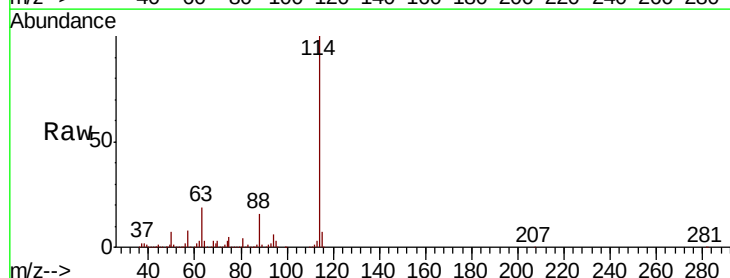
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

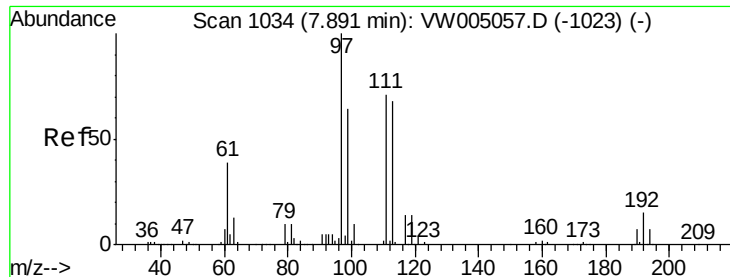
Tgt Ion: 65 Resp: 383156
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion: 114 Resp: 772140
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.0
 88 15.6 0.0 30.2

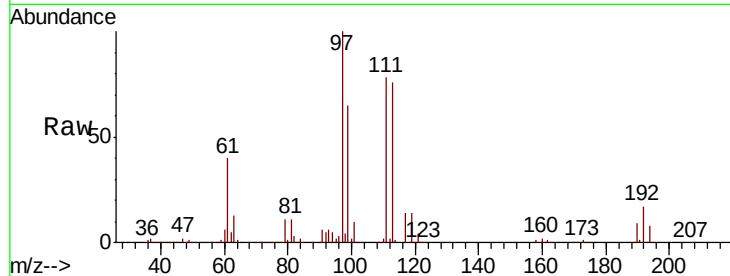




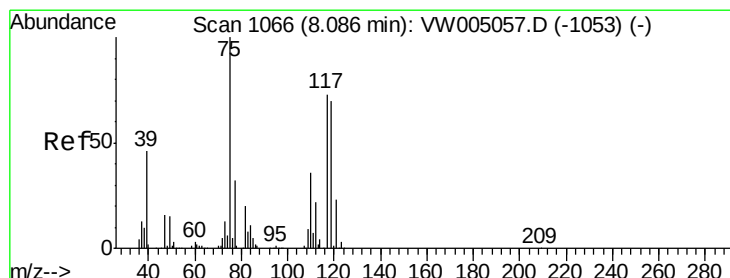
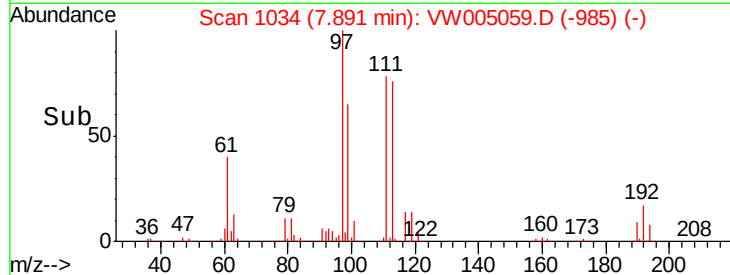
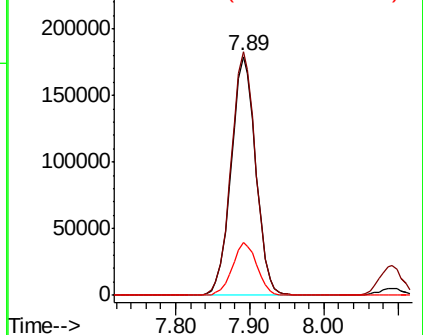
#35
 Dibromofluoromethane
 Concen: 92.435 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 113 Resp: 412452
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 22.1 18.1 27.1

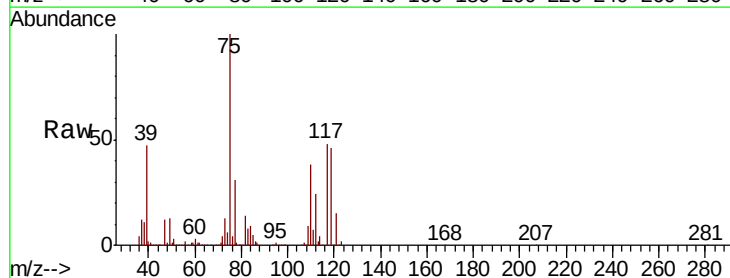


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

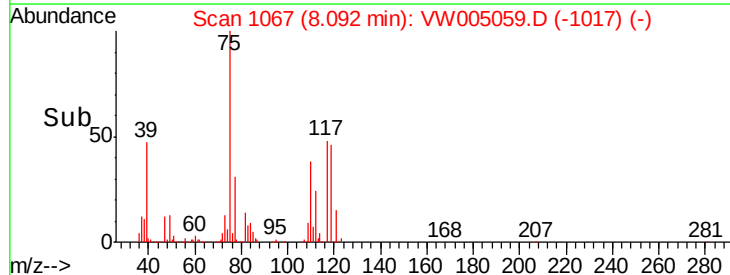
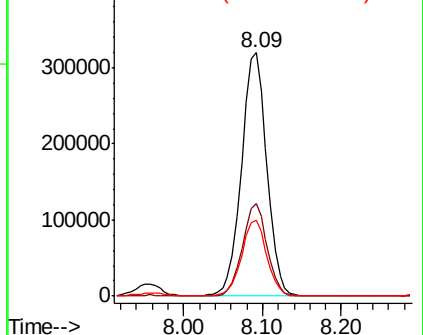


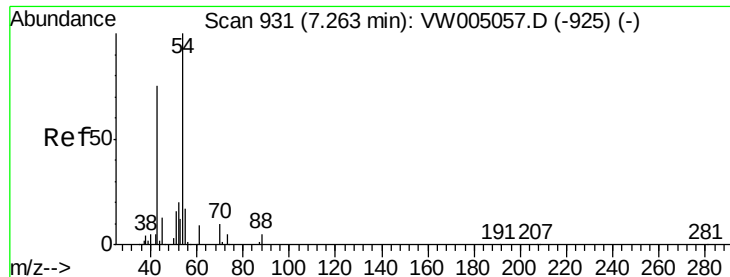
#36
 1,1-Dichloropropene
 Concen: 96.989 ug/l
 RT: 8.09 min Scan# 1067
 Delta R.T. 0.01 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion: 75 Resp: 713240
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.9 56.7
 77 31.1 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

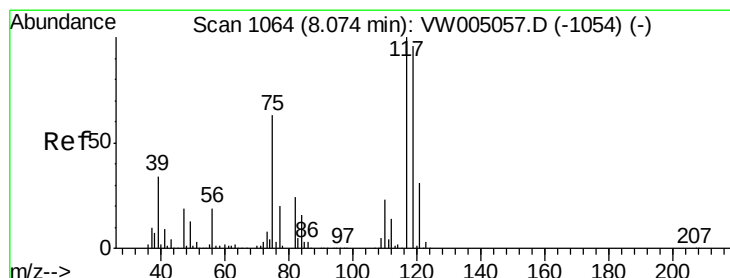
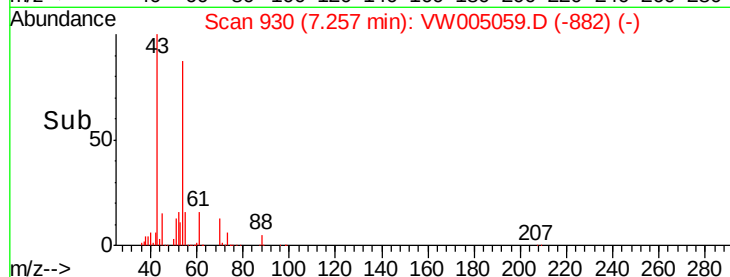
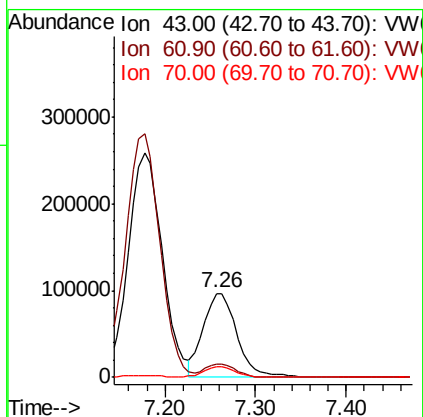
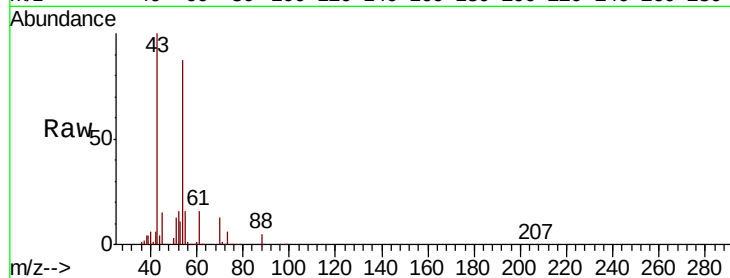




#37
Ethyl Acetate
Concen: 91.011 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

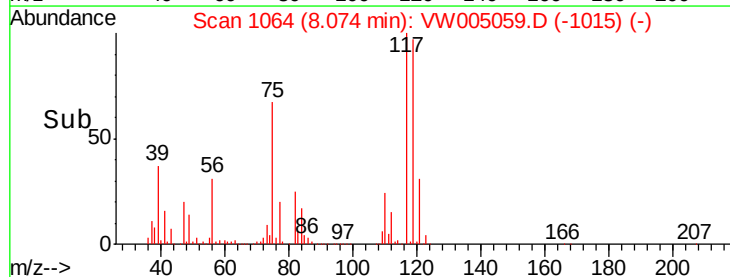
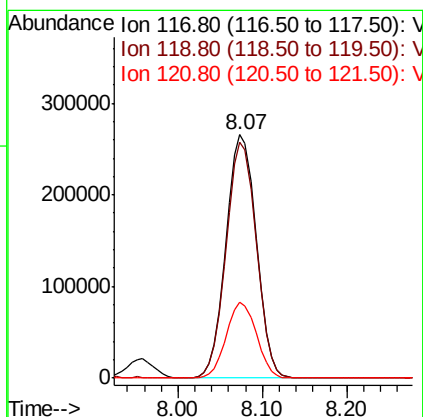
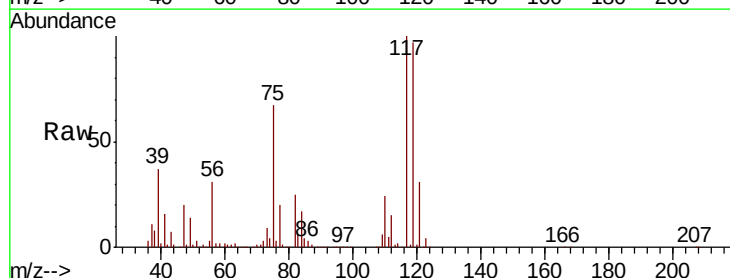
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

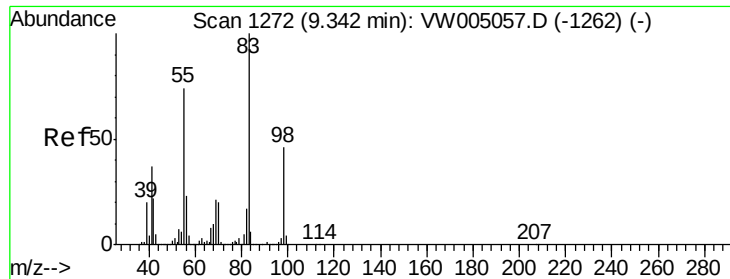
Tgt Ion: 43 Resp: 250294
Ion Ratio Lower Upper
43 100
61 14.6 12.1 18.1
70 12.2 9.4 14.2



#38
Carbon Tetrachloride
Concen: 92.503 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 117 Resp: 646809
Ion Ratio Lower Upper
117 100
119 96.7 76.6 115.0
121 31.3 24.8 37.2

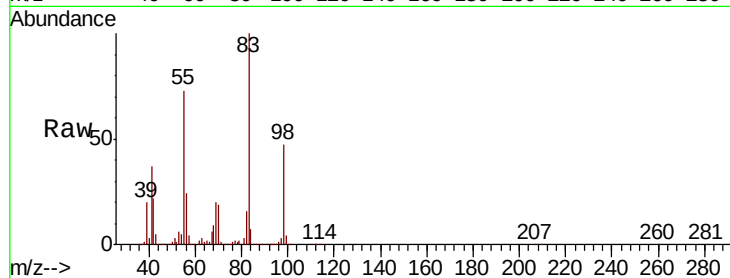




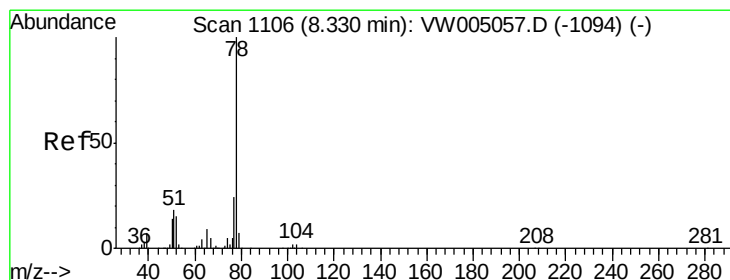
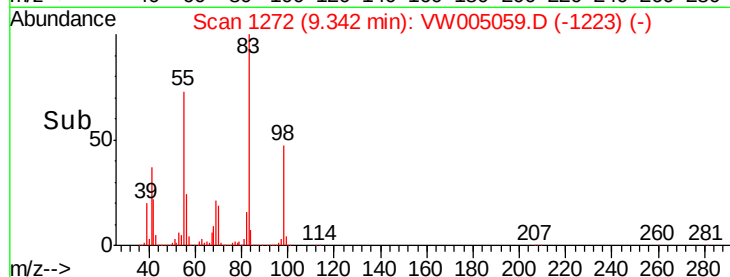
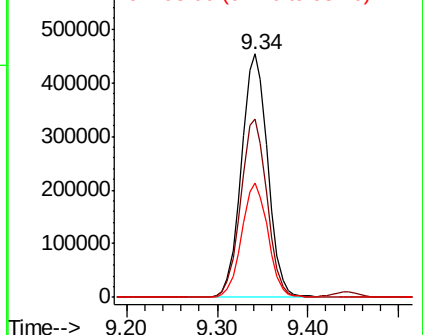
#39
Methylcyclohexane
Concen: 102.613 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 912576
Ion Ratio Lower Upper
83 100
55 73.3 58.9 88.3
98 46.9 36.8 55.2

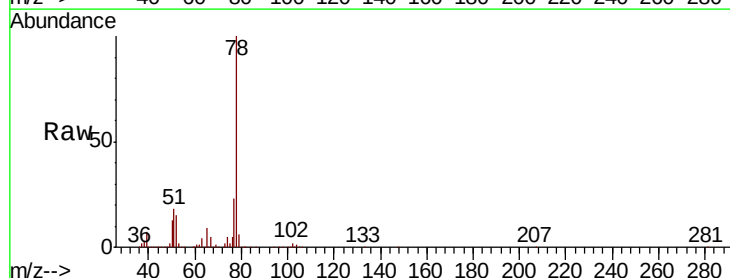


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

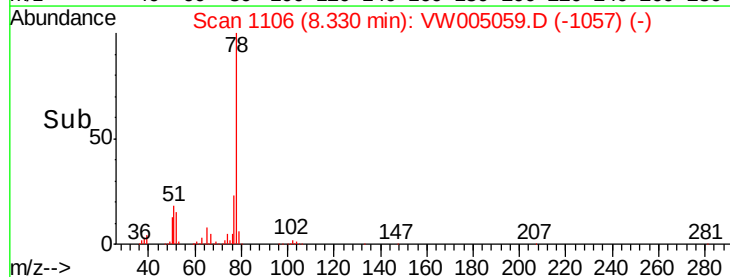
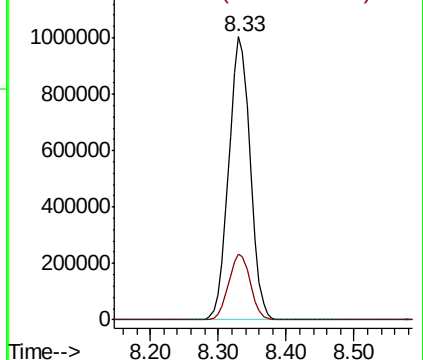


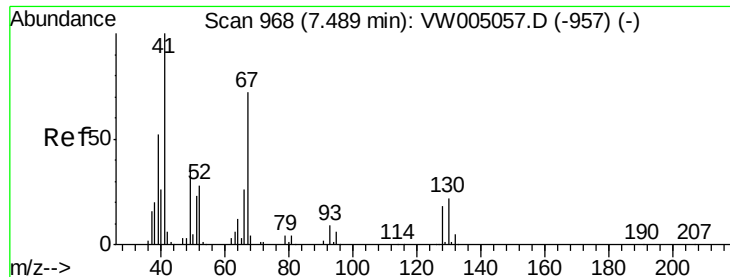
#40
Benzene
Concen: 97.352 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 78 Resp: 2191641
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

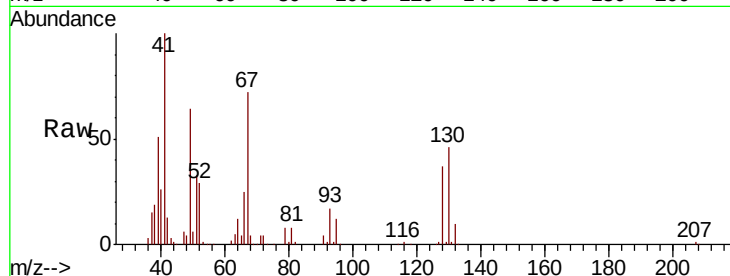




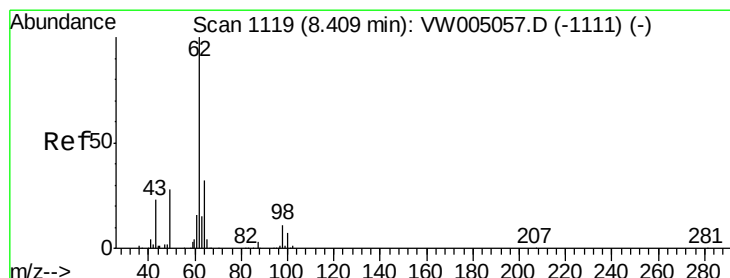
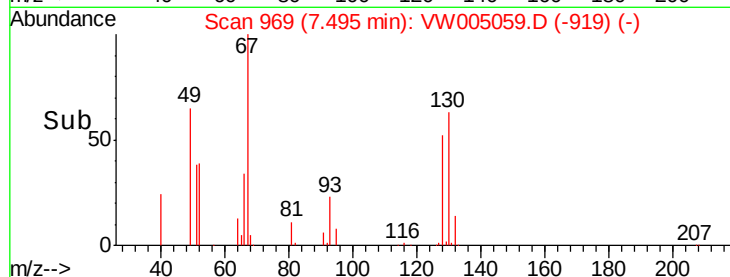
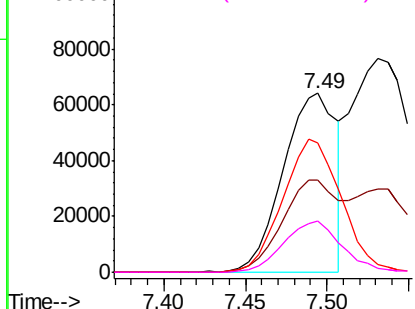
#41
Methacrylonitrile
Concen: 91.690 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	146103
Ion	Ratio	Lower	Upper
41	100		
39	57.7	41.8	62.8
67	81.5	60.4	90.6
52	30.9	23.8	35.8

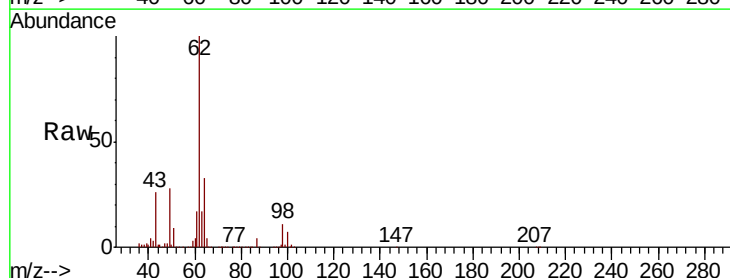


Abundance Ion 41.00 (40.70 to 41.70): VW
120000
Ion 39.00 (38.70 to 39.70): VW
100000
Ion 67.00 (66.70 to 67.70): VW
80000
Ion 52.00 (51.70 to 52.70): VW

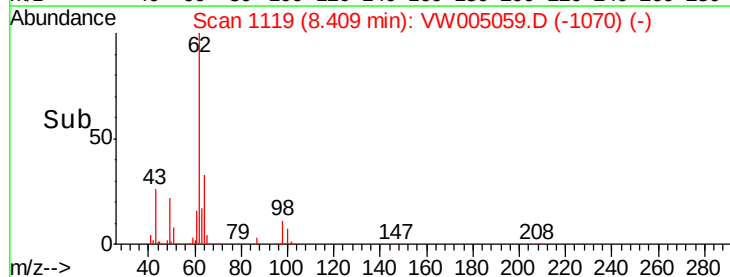
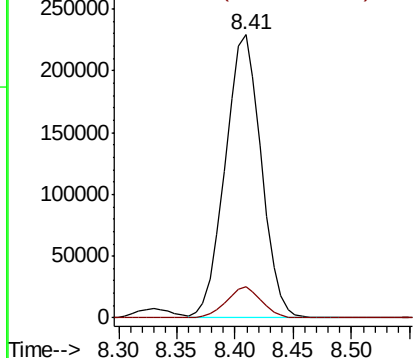


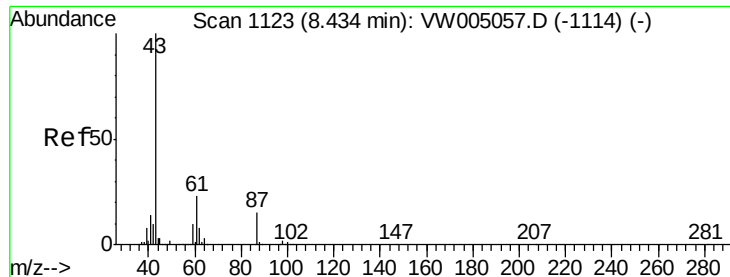
#42
1,2-Dichloroethane
Concen: 89.310 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion:	62	Resp:	492070
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8



Abundance Ion 61.90 (61.60 to 62.60): VW
250000
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 97.624 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

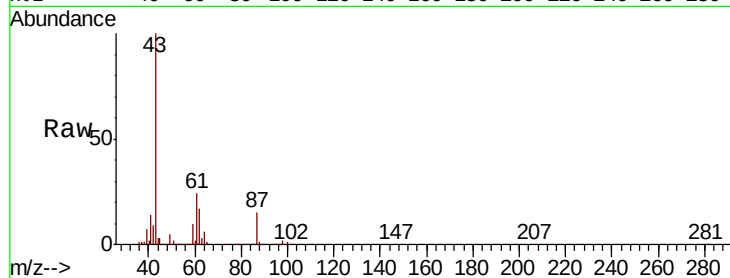
Tgt Ion: 43 Resp: 488549

Ion Ratio Lower Upper

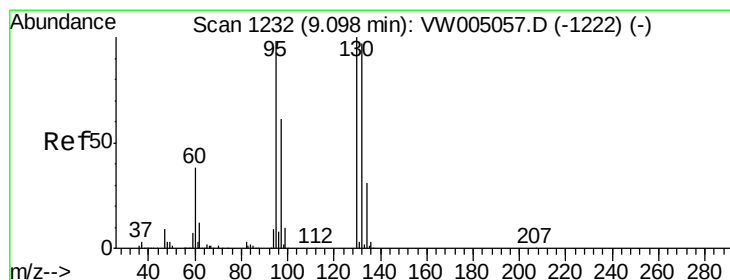
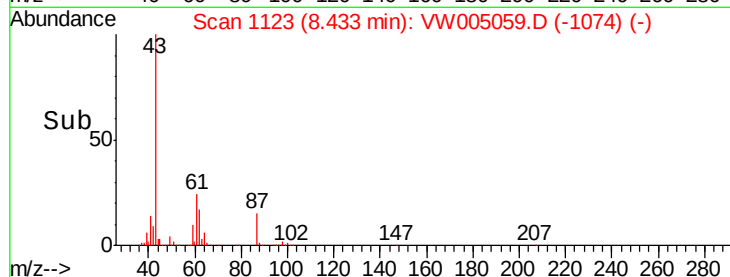
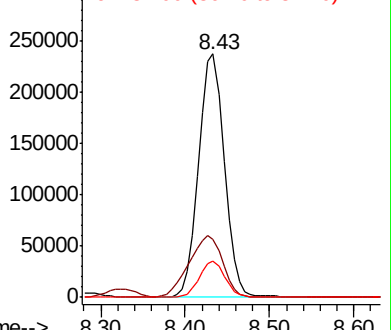
43 100

61 33.4 26.8 40.2

87 14.8 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: 95.727 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005059.D

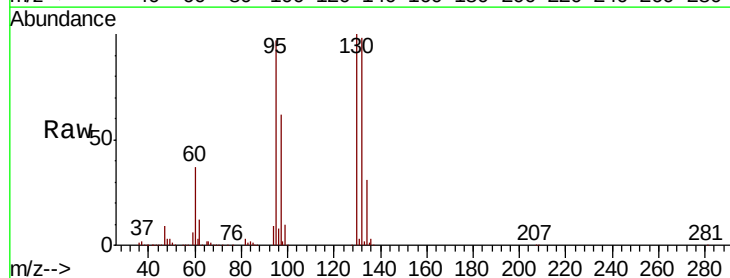
Acq: 01 Sep 2018 01:55

Tgt Ion: 130 Resp: 581463

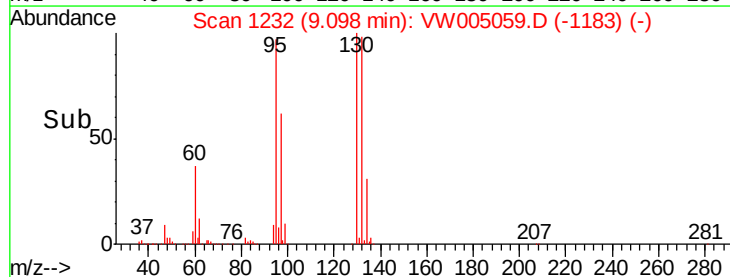
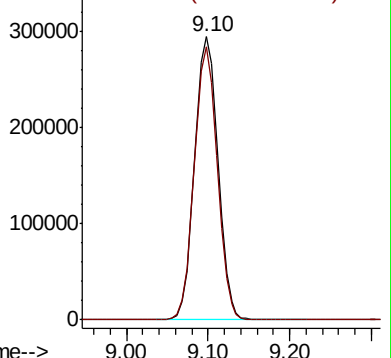
Ion Ratio Lower Upper

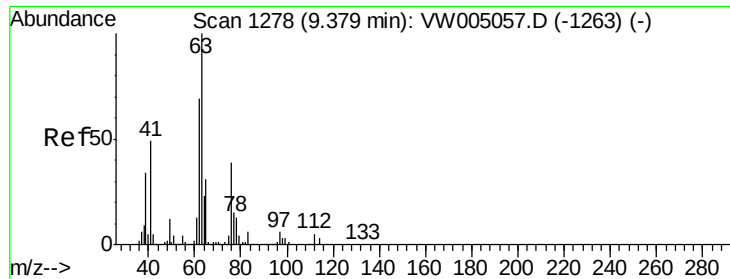
130 100

95 96.7 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: 95.509 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

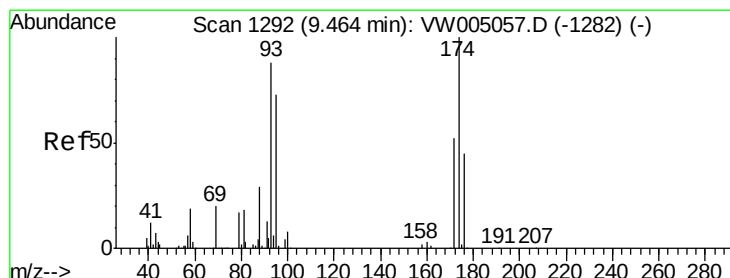
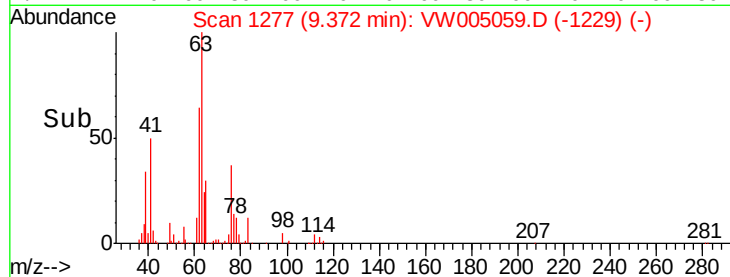
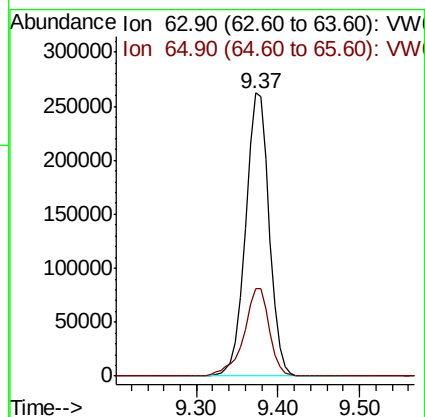
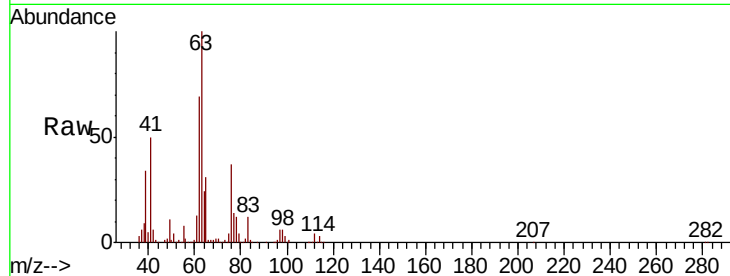
VSTDICC100

Tgt Ion: 63 Resp: 525273

Ion Ratio Lower Upper

63 100

65 30.9 24.6 37.0



#46

Dibromomethane

Concen: 91.029 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

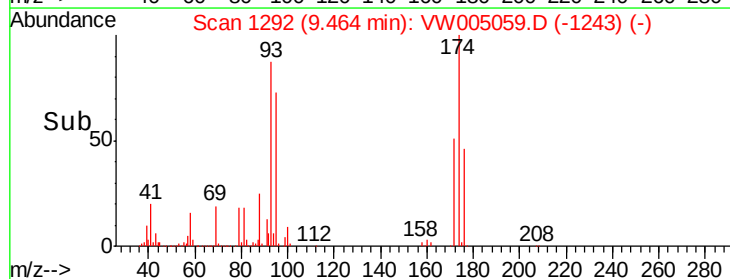
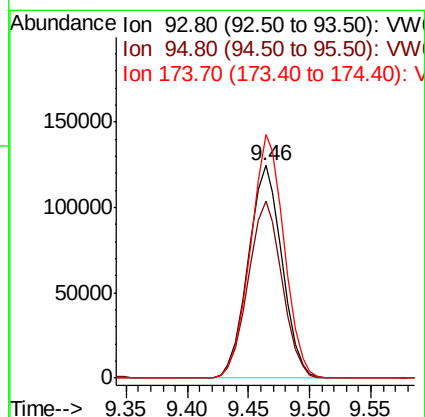
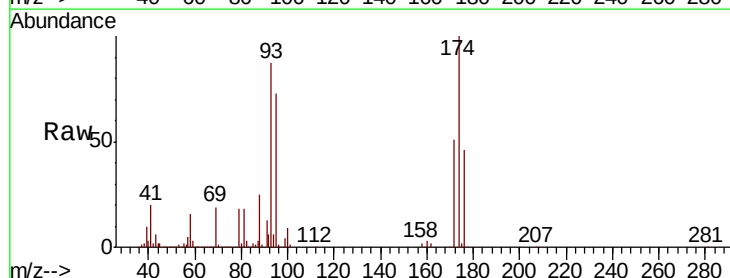
Tgt Ion: 93 Resp: 239389

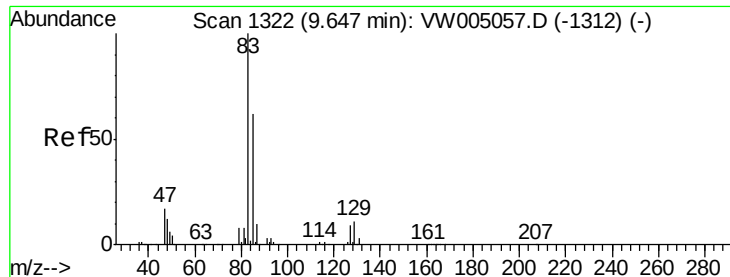
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 113.9 92.0 138.0





#47

Bromodichloromethane

Concen: 93.310 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

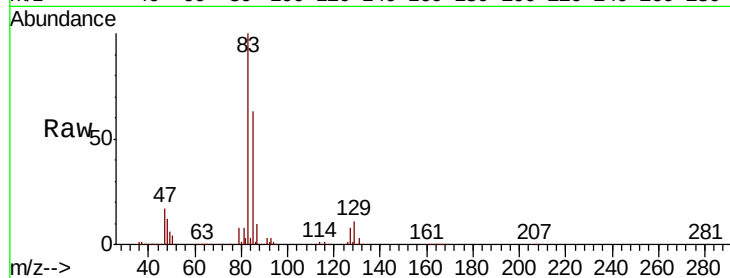
Tgt Ion: 83 Resp: 617869

Ion Ratio Lower Upper

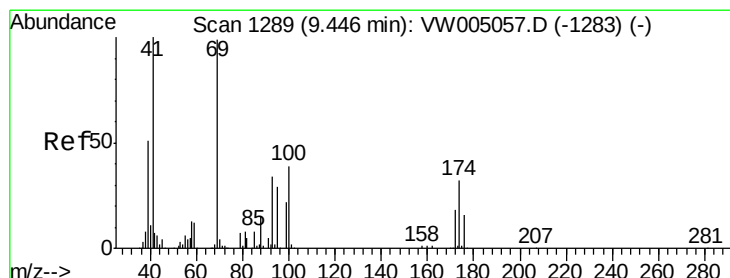
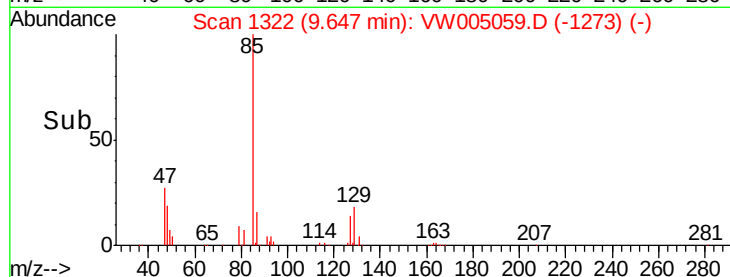
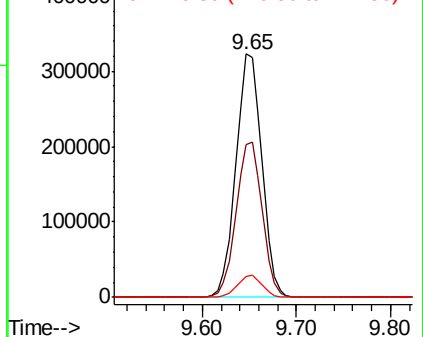
83 100

85 62.6 49.8 74.6

127 8.5 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: 102.748 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

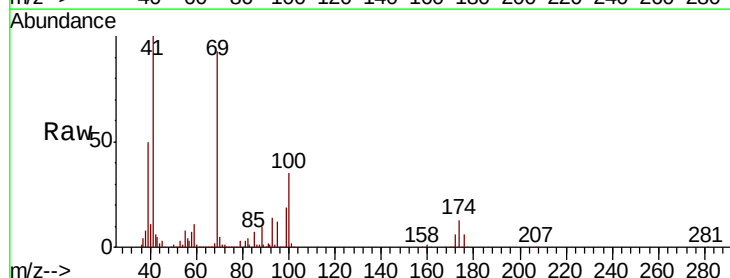
Tgt Ion: 41 Resp: 247594

Ion Ratio Lower Upper

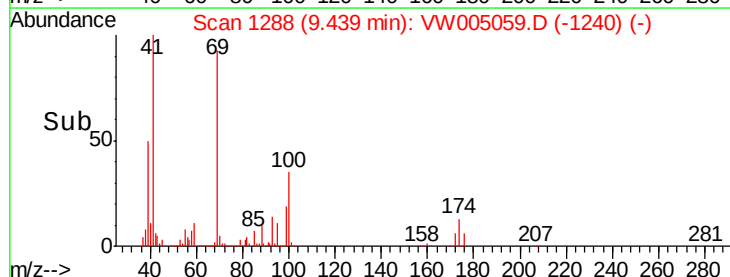
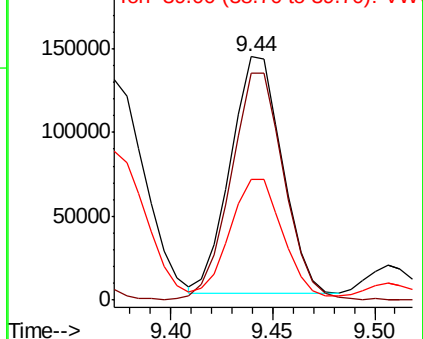
41 100

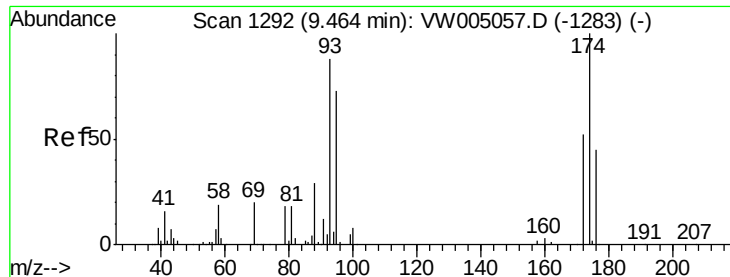
69 99.8 80.4 120.6

39 50.2 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

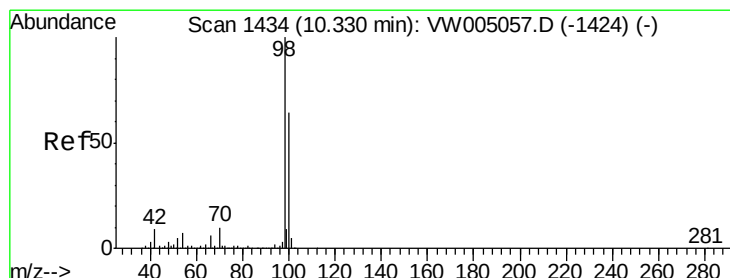
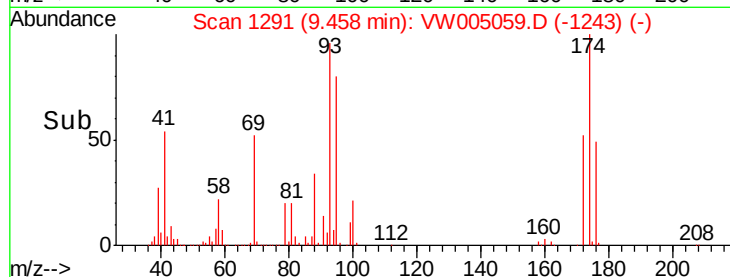
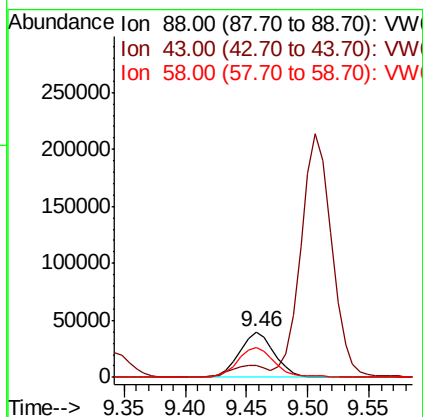
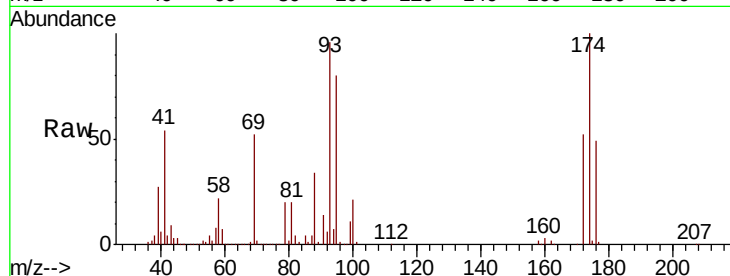




#49
 1,4-Dioxane
 Concen: 1844.945 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

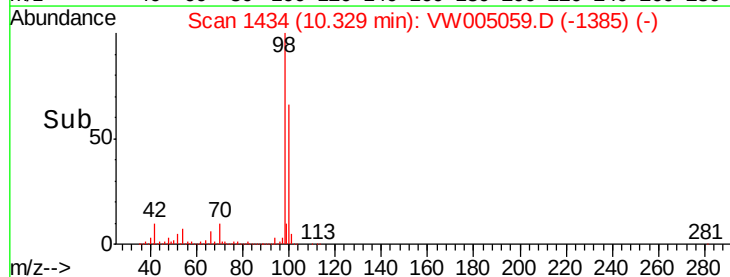
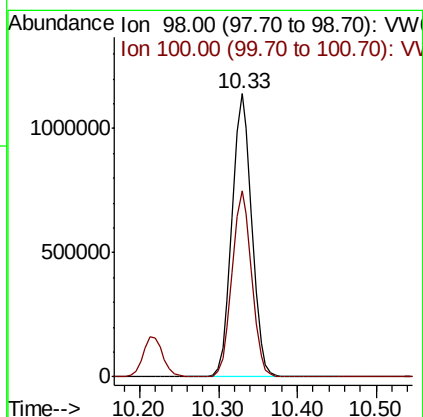
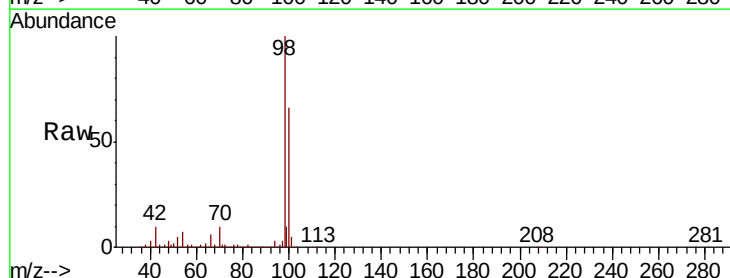
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

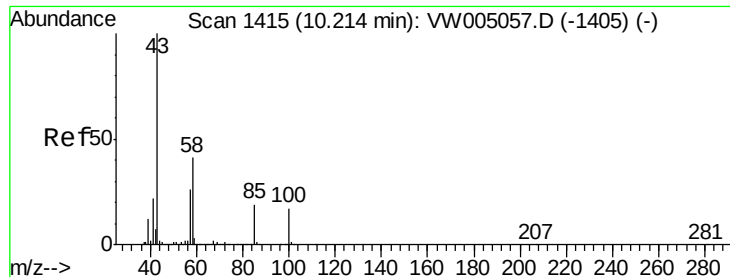
Tgt Ion: 88 Resp: 78462
 Ion Ratio Lower Upper
 88 100
 43 27.0 19.8 29.6
 58 69.8 57.1 85.7



#50
 Toluene-d8
 Concen: 96.840 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion: 98 Resp: 1991081
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.7 77.5

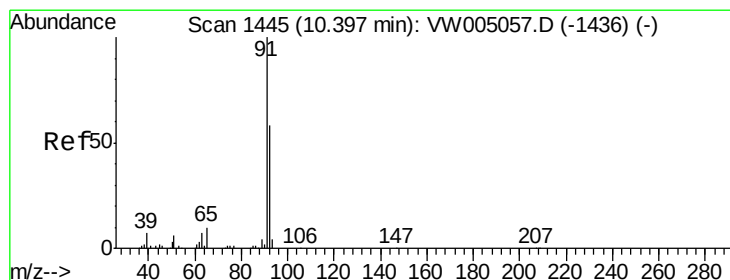
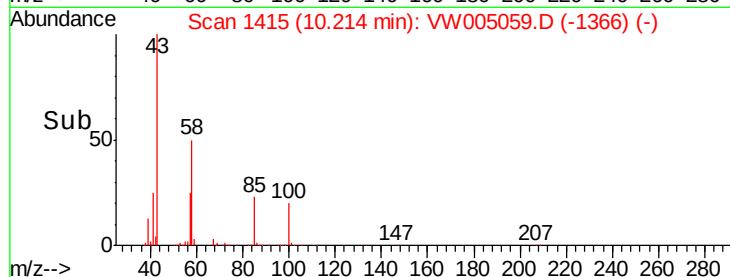
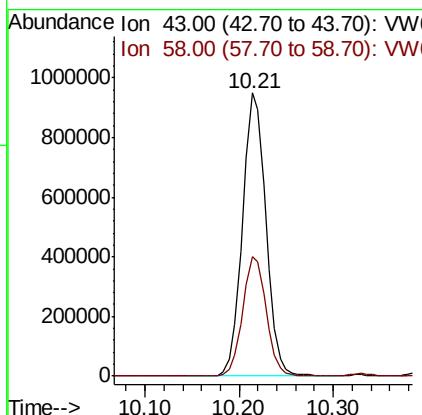
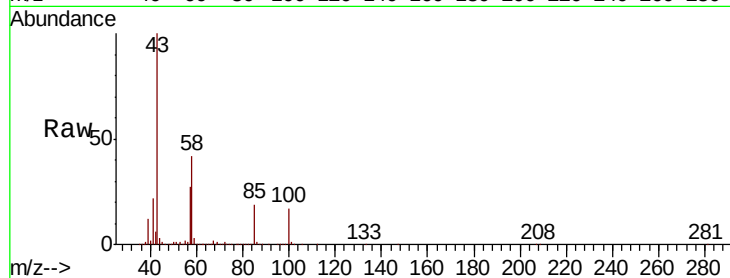




#51
 4-Methyl-2-Pentanone
 Concen: 492.577 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

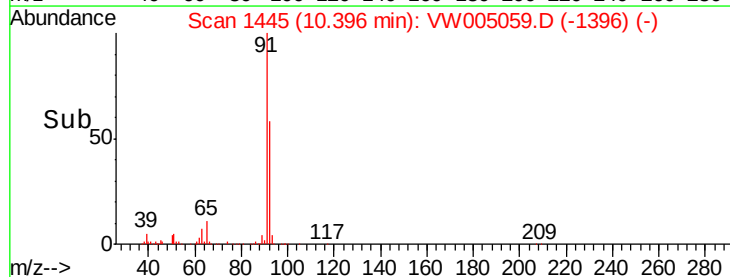
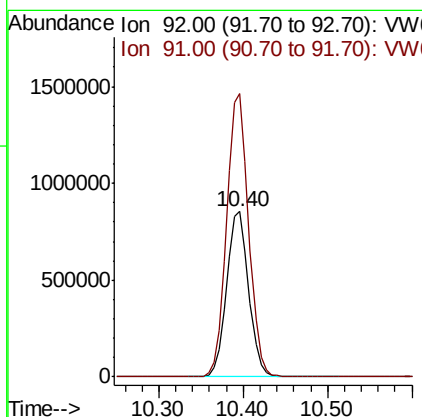
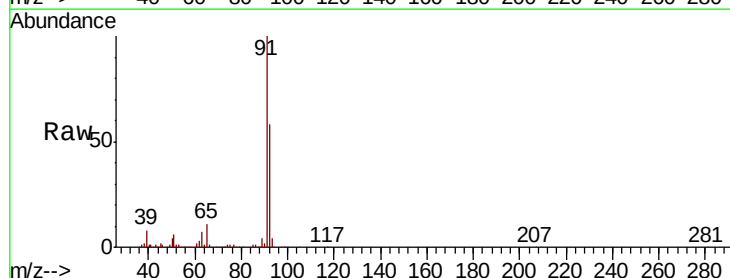
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

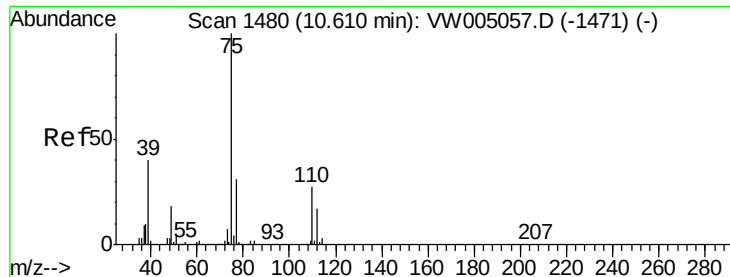
Tgt Ion: 43 Resp: 1652085
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.3 49.9



#52
 Toluene
 Concen: 99.648 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion: 92 Resp: 1520032
 Ion Ratio Lower Upper
 92 100
 91 171.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 102.041 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

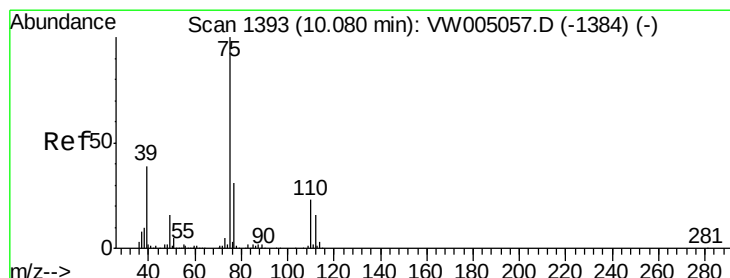
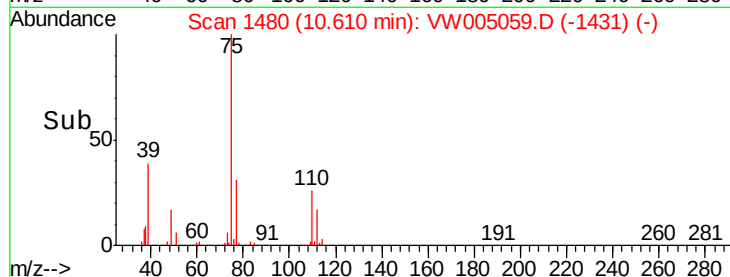
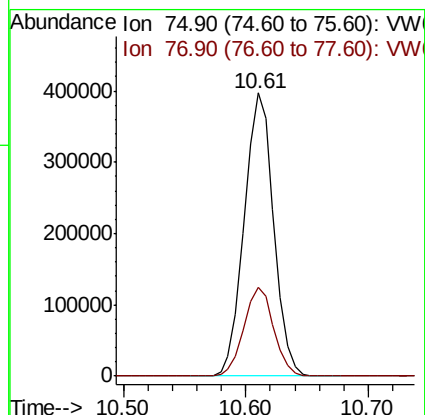
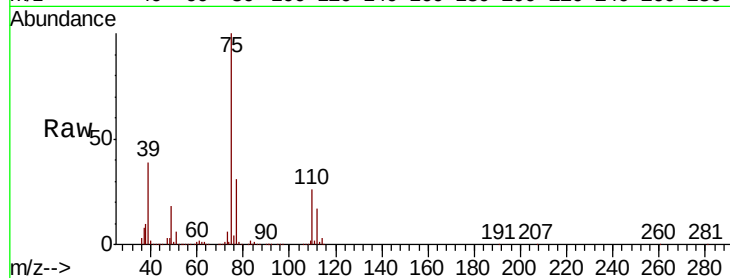
VSTDIC100

Tgt Ion: 75 Resp: 663943

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 99.970 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

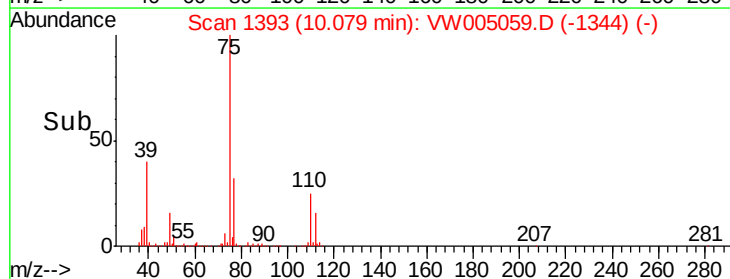
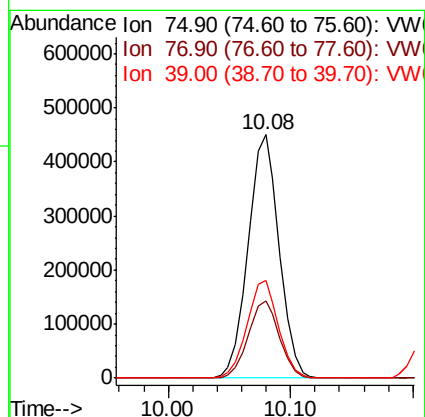
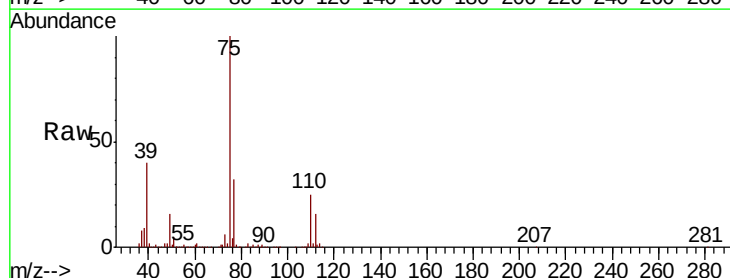
Tgt Ion: 75 Resp: 791061

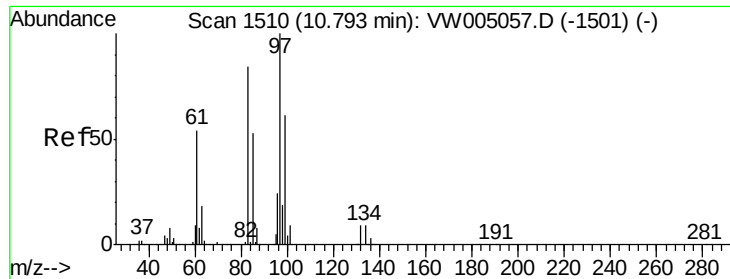
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 40.1 31.0 46.6

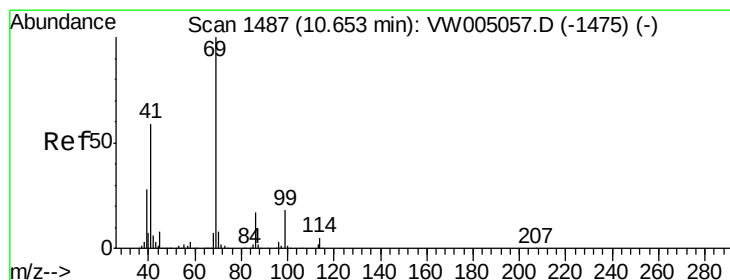
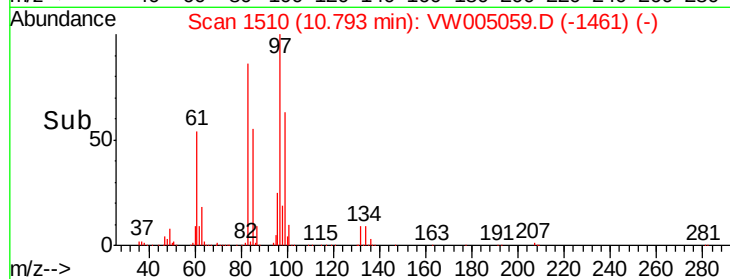
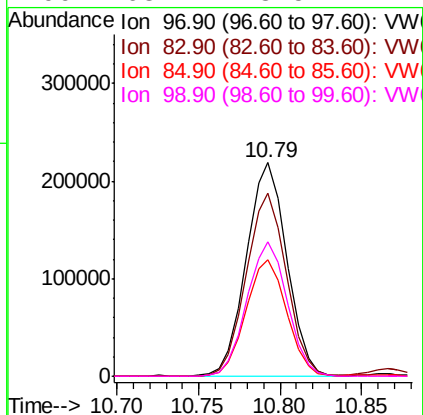
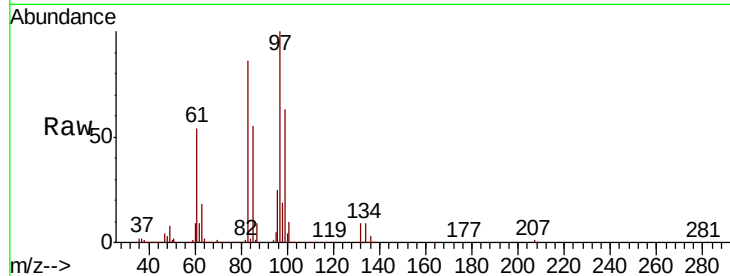




#55
 1,1,2-Trichloroethane
 Concen: 92.854 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

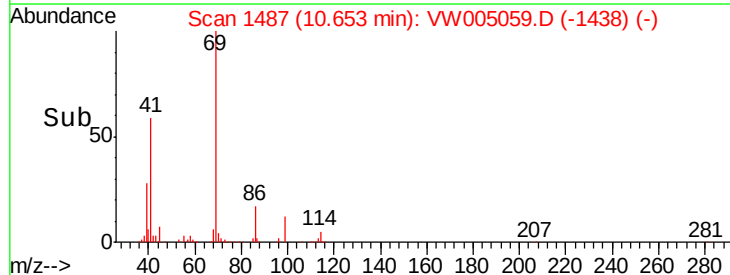
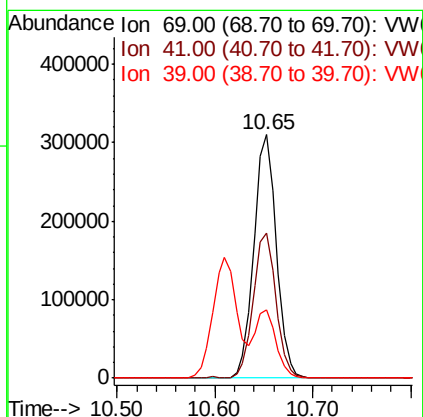
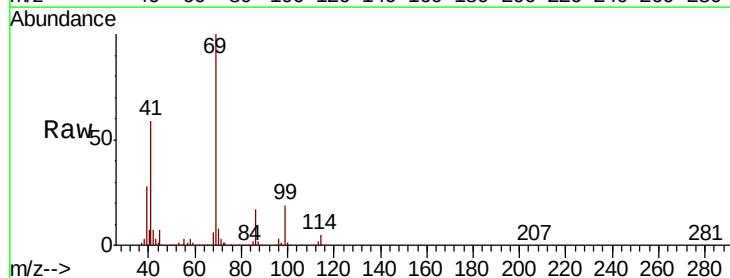
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

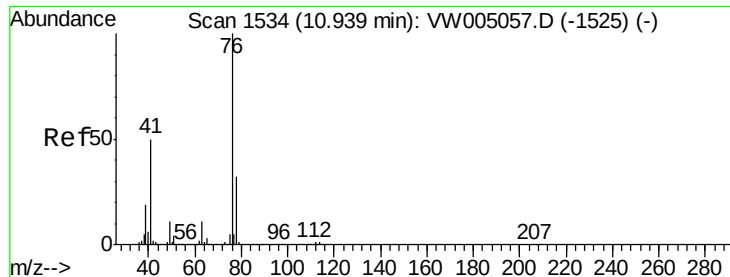
Tgt Ion:	97	Resp:	378075
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.0	100.6
85	54.7	42.3	63.5
99	63.2	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 106.710 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion:	69	Resp:	495700
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.8	71.6
39	25.6	21.1	31.7





#57

1,3-Dichloropropane

Concen: 95.570 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

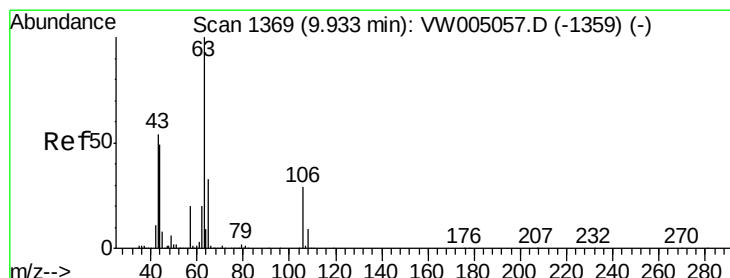
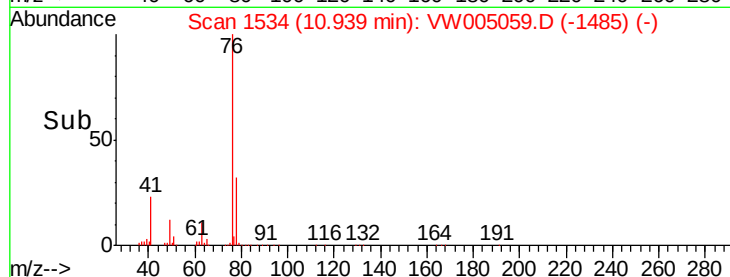
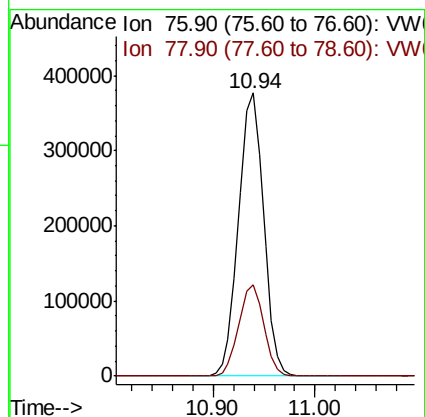
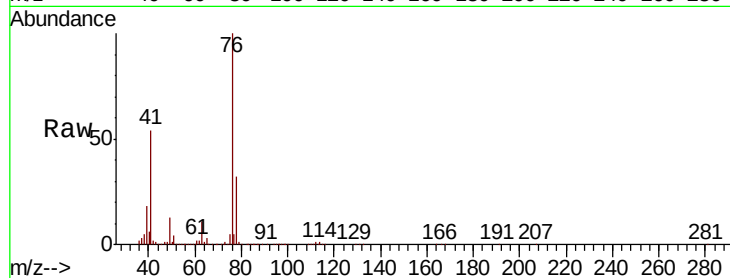
VSTDICC100

Tgt Ion: 76 Resp: 640638

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 503.204 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005059.D

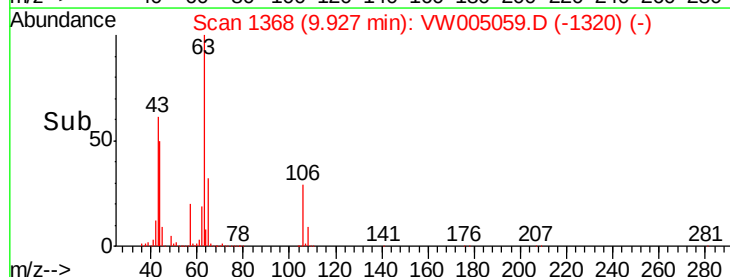
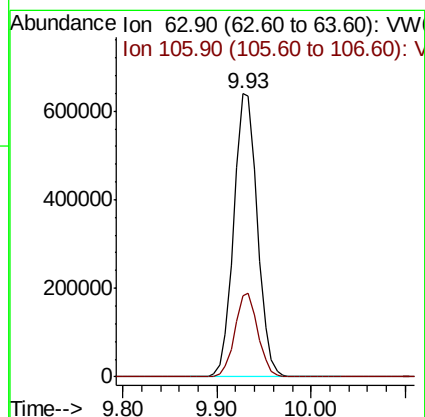
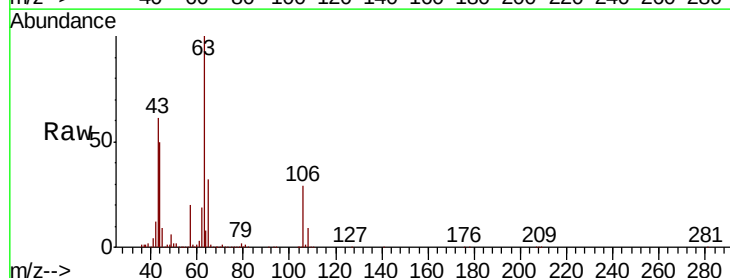
Acq: 01 Sep 2018 01:55

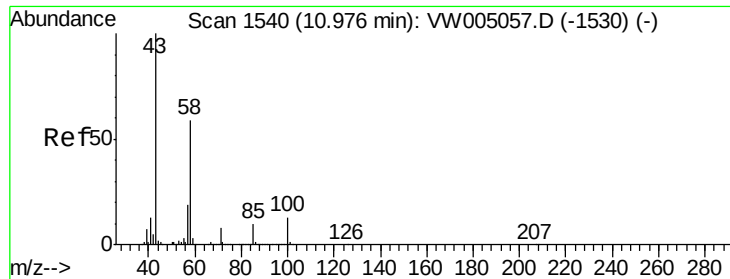
Tgt Ion: 63 Resp: 1107633

Ion Ratio Lower Upper

63 100

106 28.8 23.1 34.7

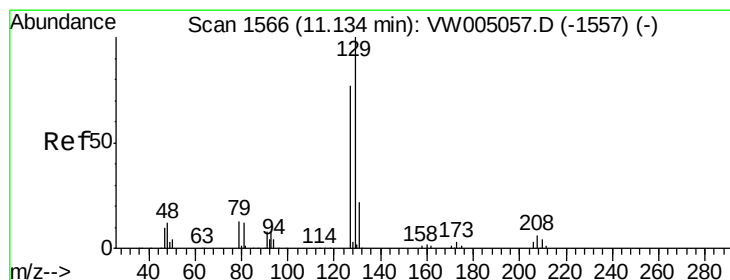
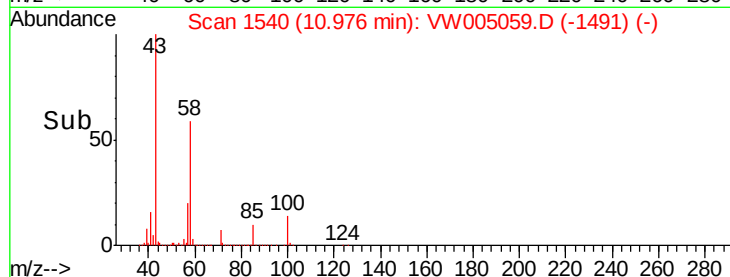
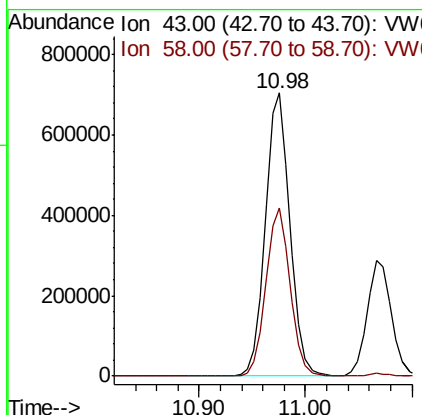
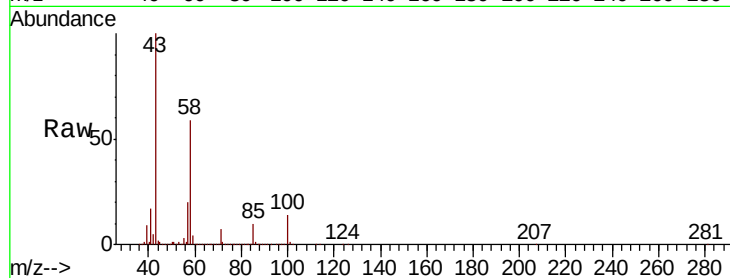




#59
2-Hexanone
Concen: 499.351 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

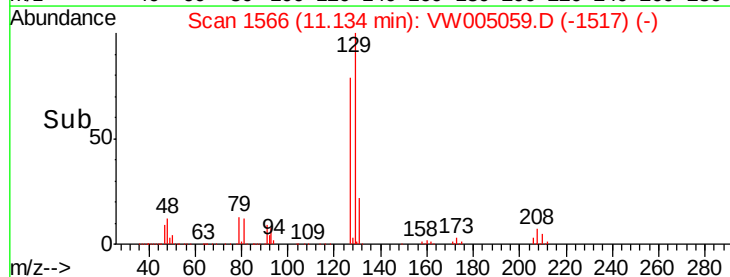
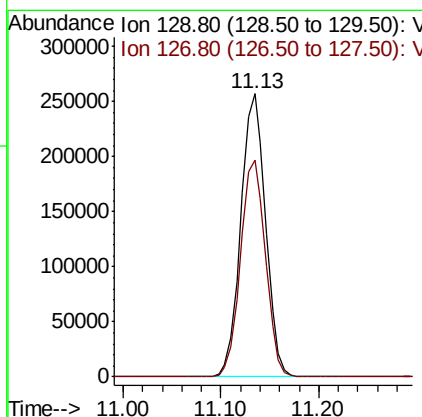
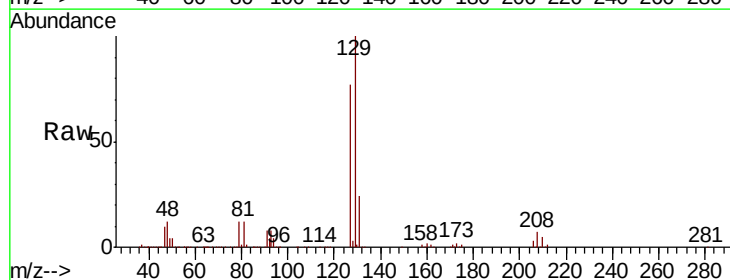
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

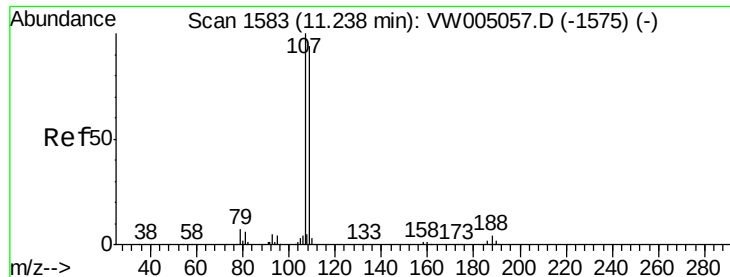
Tgt Ion: 43 Resp: 1132772
Ion Ratio Lower Upper
43 100
58 58.9 28.7 86.3



#60
Dibromochloromethane
Concen: 97.557 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 129 Resp: 449073
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7

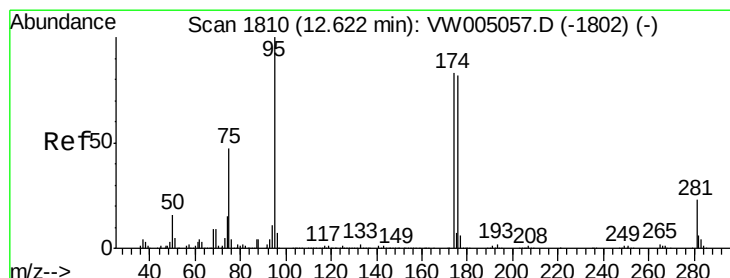
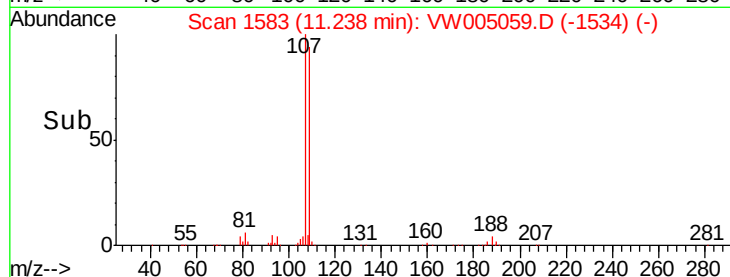
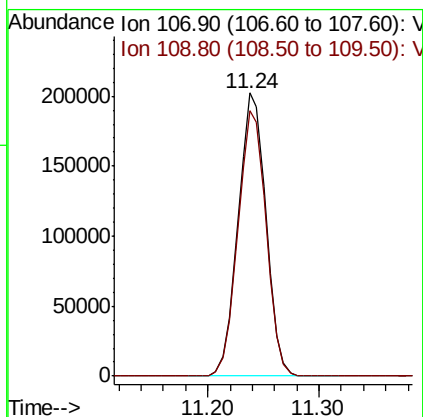
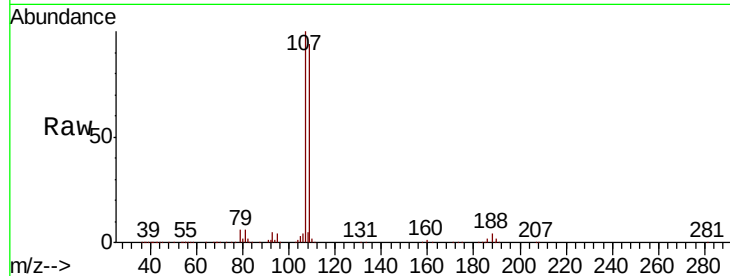




#61
 1,2-Dibromoethane
 Concen: 94.915 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

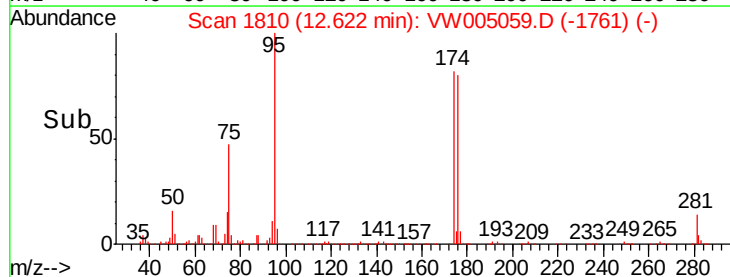
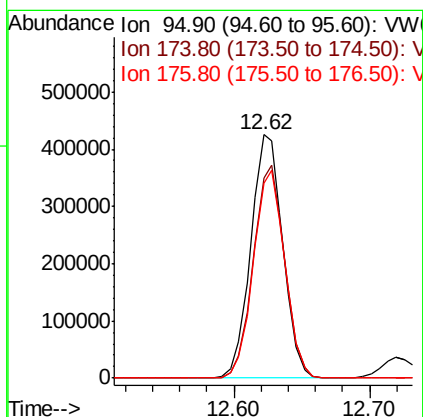
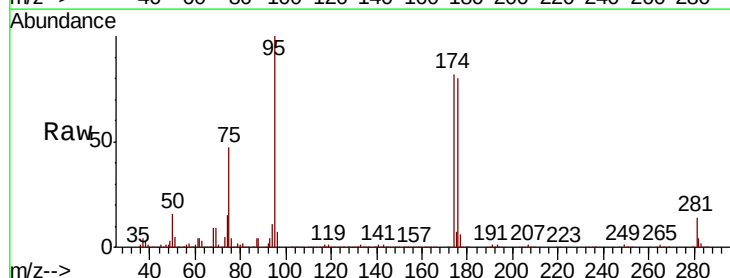
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

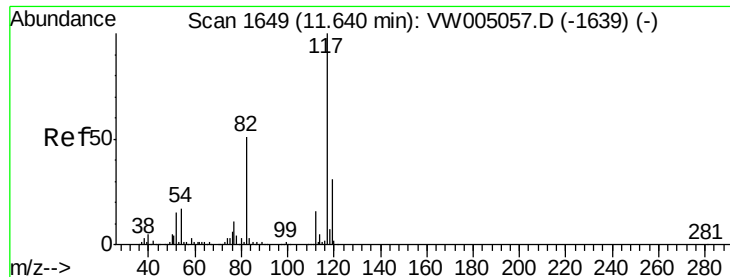
Tgt Ion: 107 Resp: 348913
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 96.602 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion: 95 Resp: 700350
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 173.4
 176 84.1 0.0 167.4

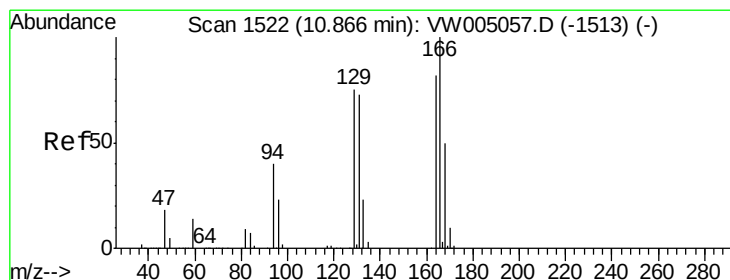
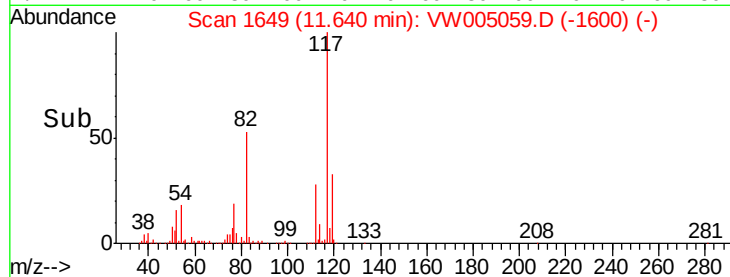
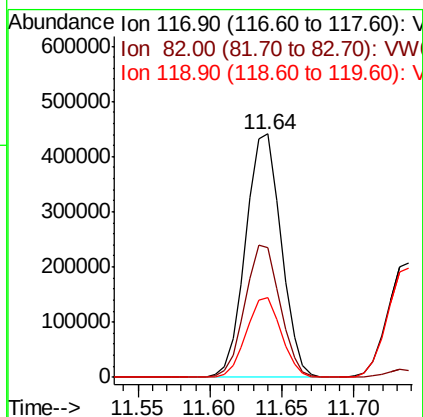
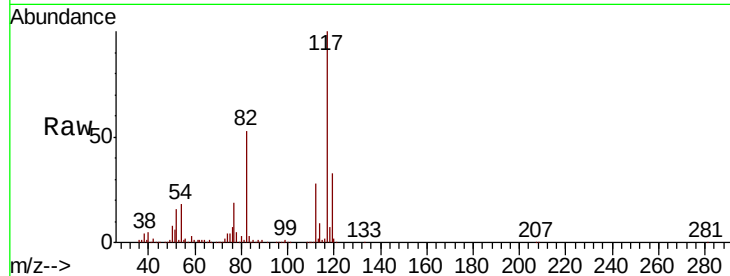




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

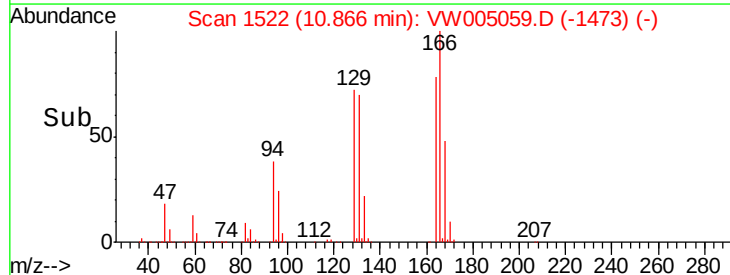
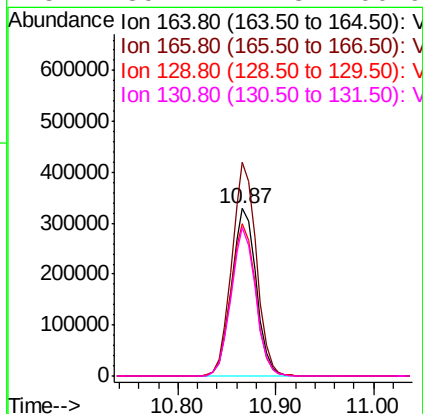
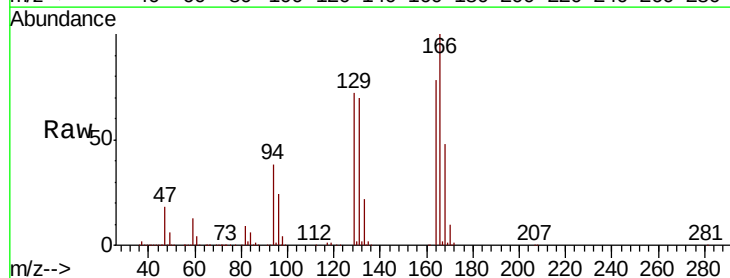
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

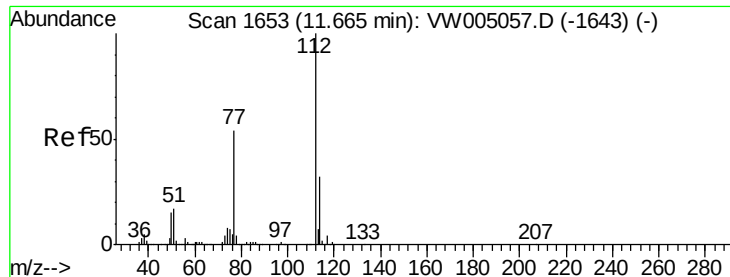
Tgt Ion:117 Resp: 752806
Ion Ratio Lower Upper
117 100
82 53.4 40.9 61.3
119 32.7 24.9 37.3



#64
Tetrachloroethene
Concen: 97.164 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion:164 Resp: 573912
Ion Ratio Lower Upper
164 100
166 127.6 97.3 145.9
129 91.4 73.1 109.7
131 89.1 71.3 106.9

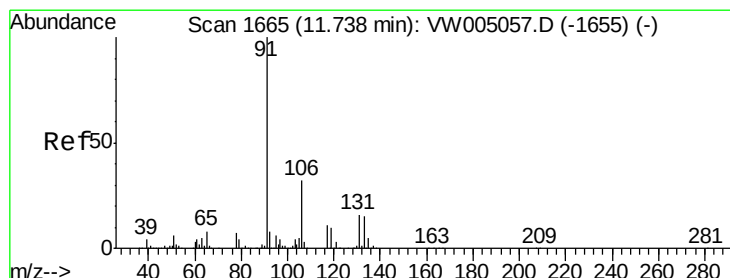
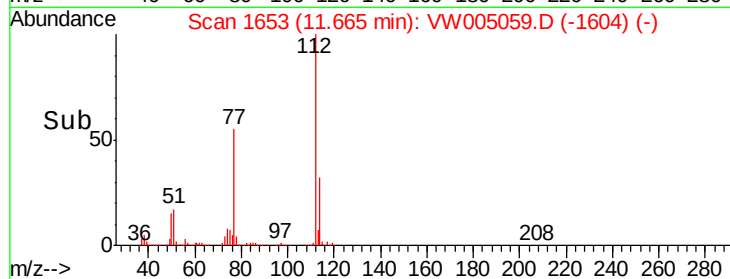
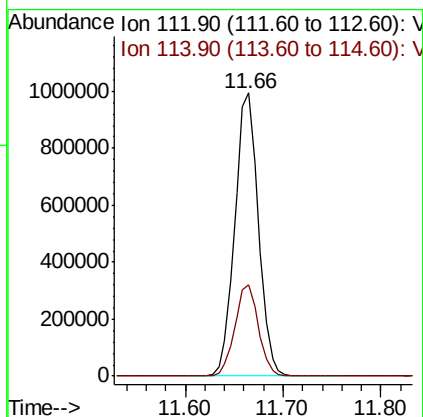
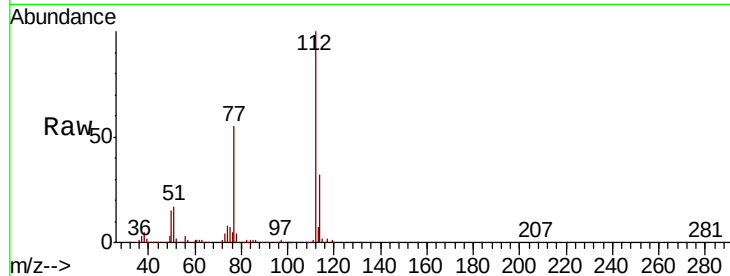




#65
Chlorobenzene
Concen: 97.946 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

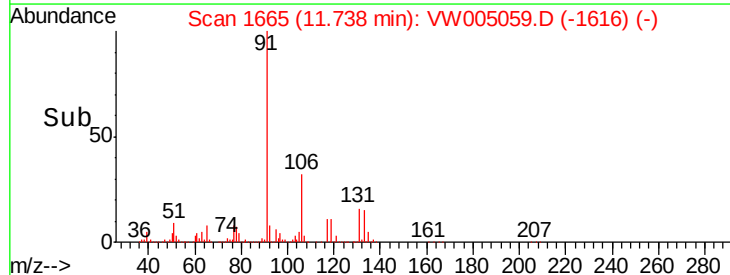
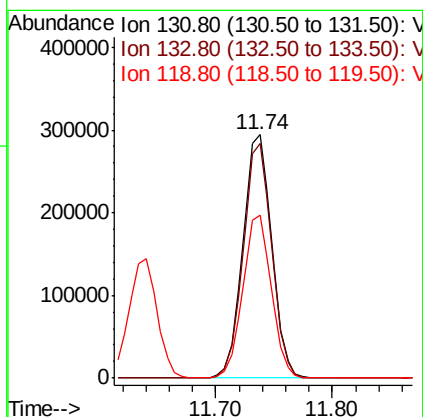
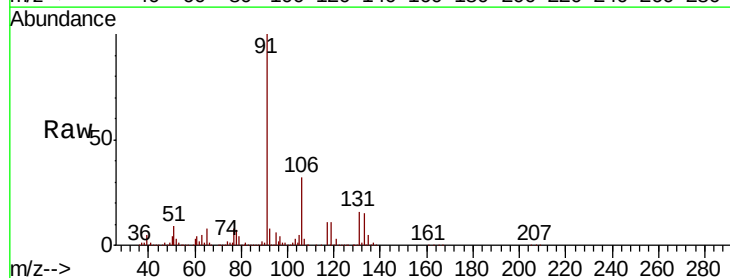
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

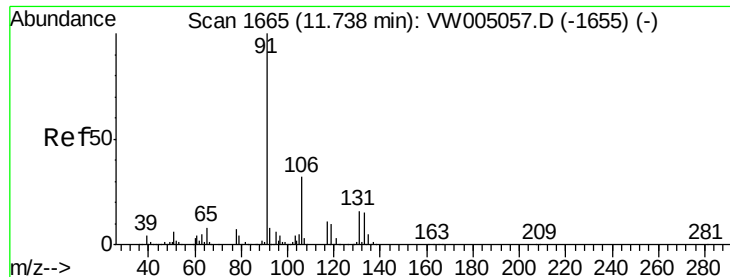
Tgt Ion:112 Resp: 1659946
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 98.176 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion:131 Resp: 508445
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.3
119 66.5 33.4 100.1

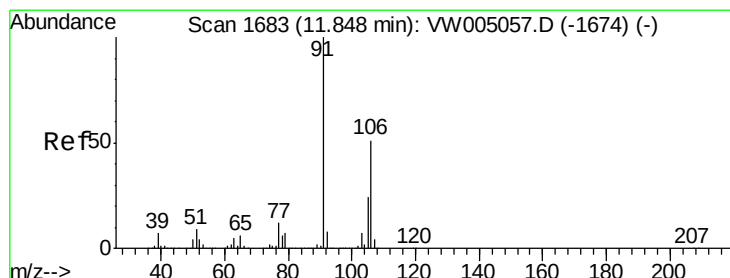
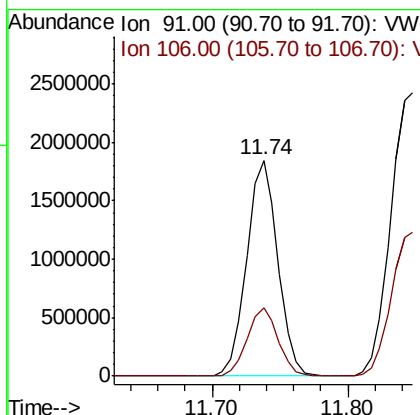
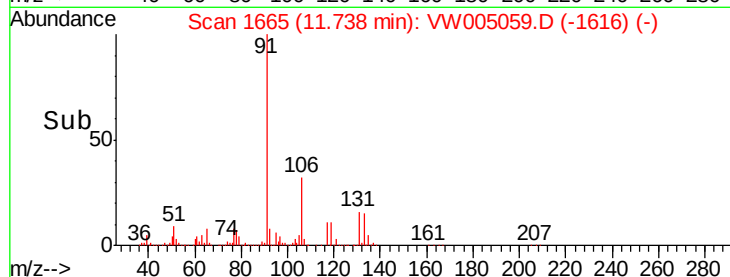
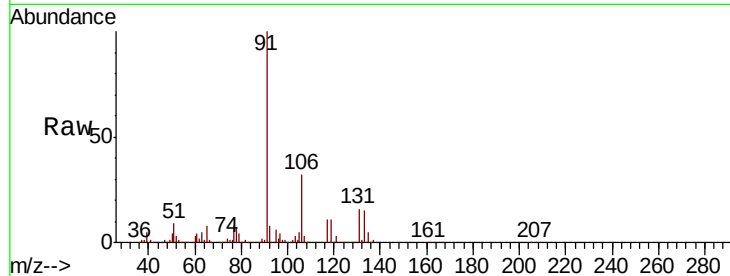




#67
Ethyl Benzene
Concen: 102.800 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

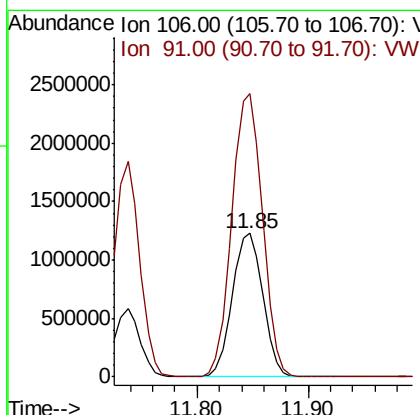
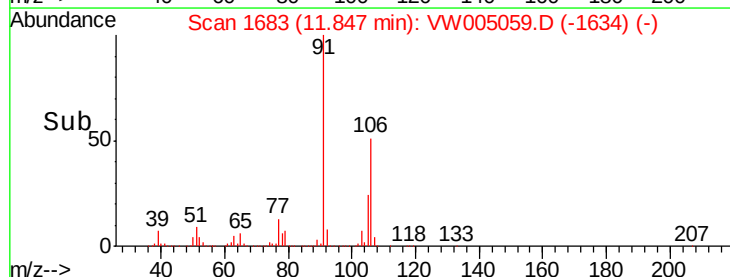
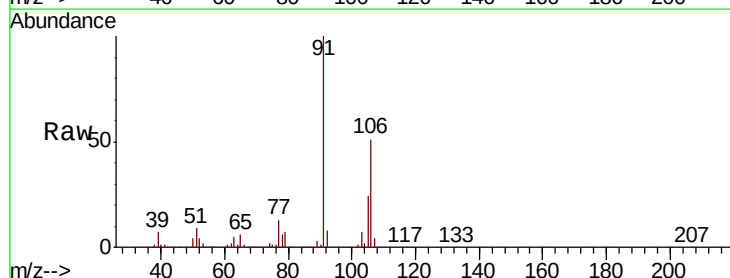
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

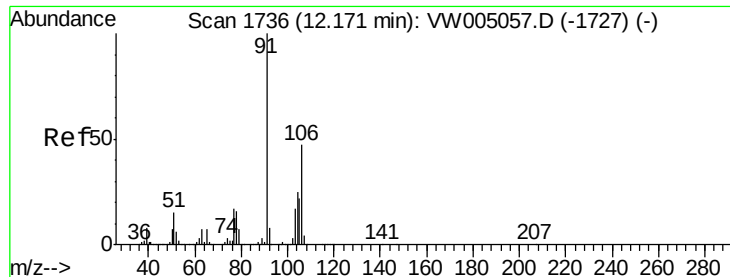
Tgt Ion: 91 Resp: 2945261
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9



#68
m/p-Xylenes
Concen: 202.811 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 106 Resp: 2326531
Ion Ratio Lower Upper
106 100
91 198.4 158.4 237.6

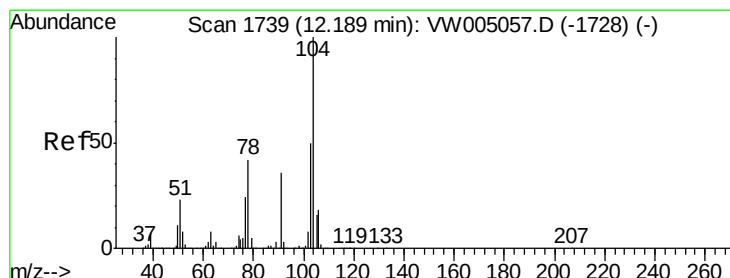
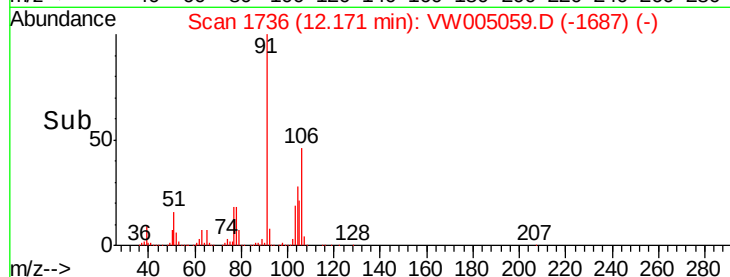
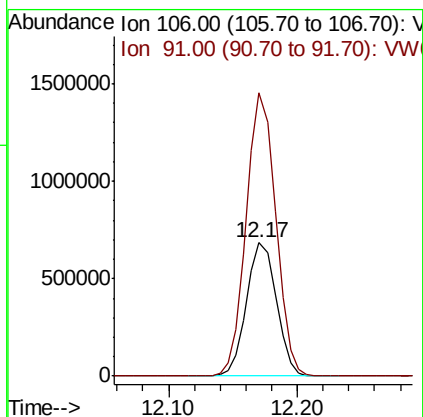
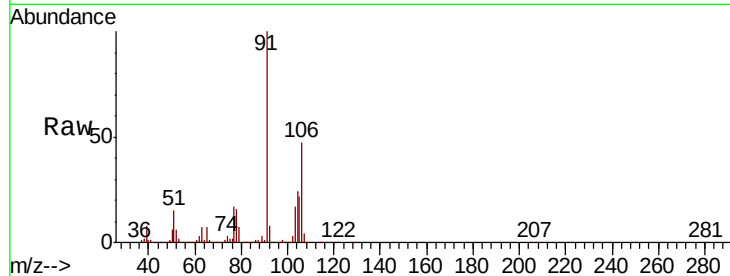




#69
o-Xylene
Concen: 103.829 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

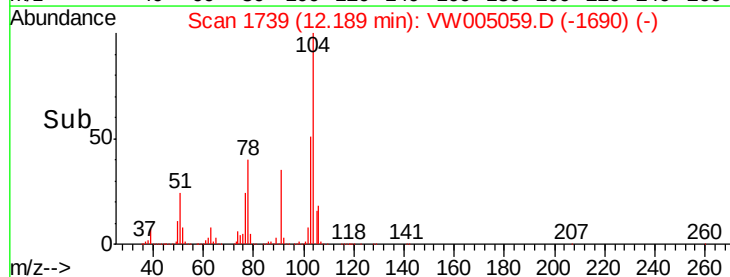
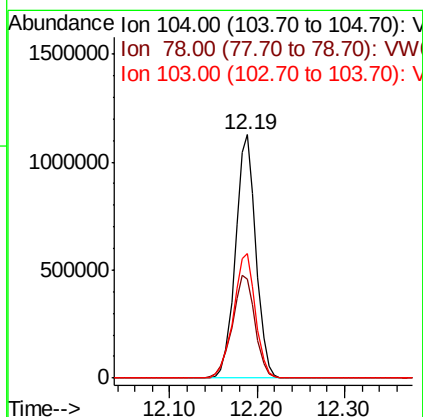
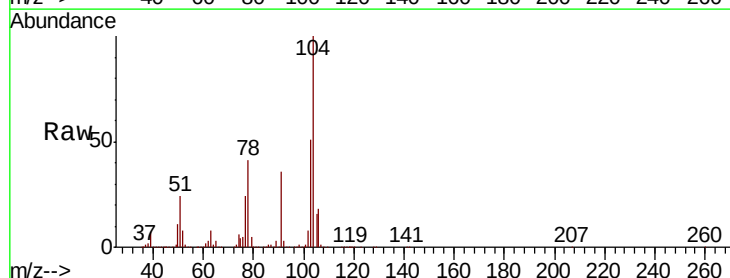
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

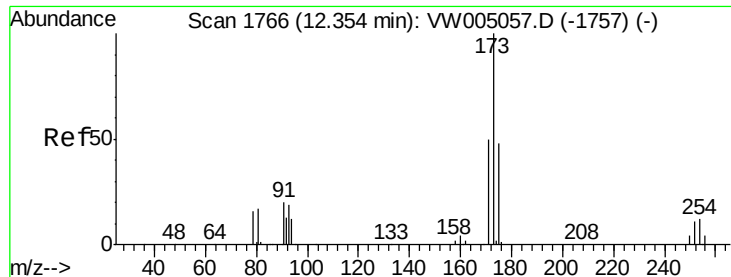
Tgt Ion:106 Resp: 1101214
Ion Ratio Lower Upper
106 100
91 209.2 105.6 316.8



#70
Styrene
Concen: 104.723 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion:104 Resp: 1834733
Ion Ratio Lower Upper
104 100
78 46.7 37.8 56.6
103 55.1 44.1 66.1





#71

Bromoform

Concen: 97.441 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

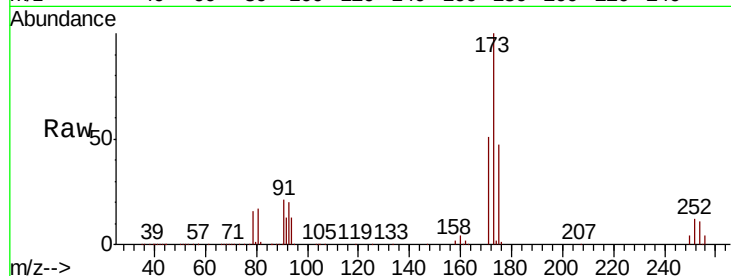
Tgt Ion:173 Resp: 267464

Ion Ratio Lower Upper

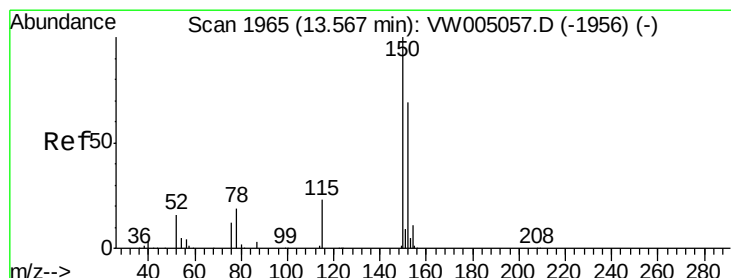
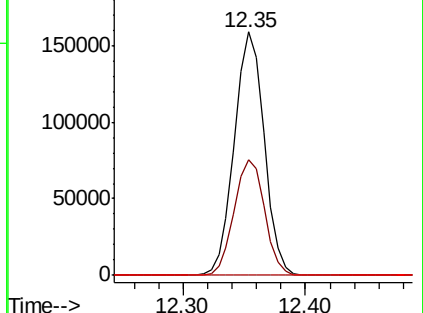
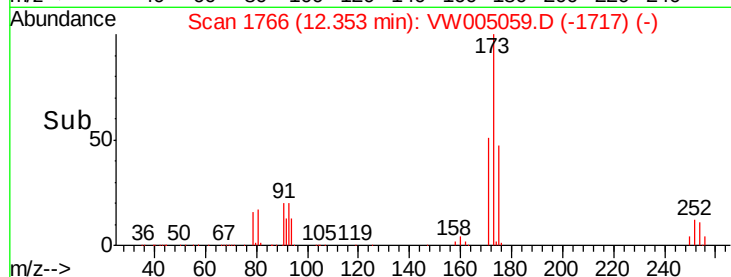
173 100

175 48.4 24.1 72.2

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

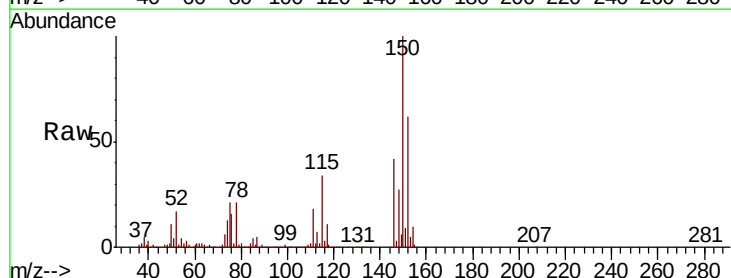
Tgt Ion:152 Resp: 392421

Ion Ratio Lower Upper

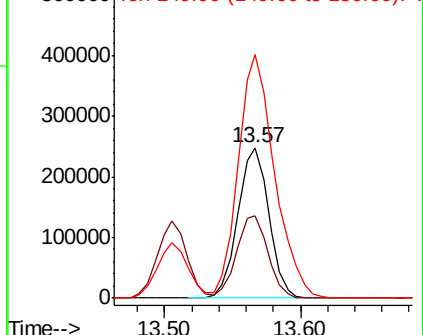
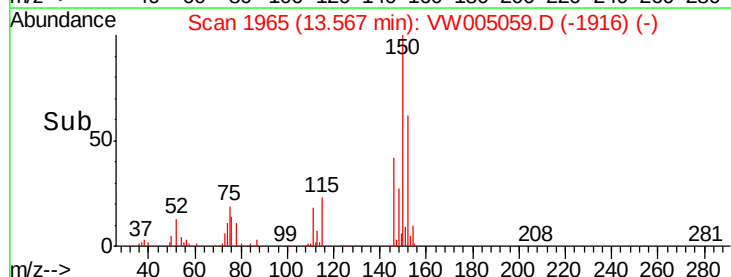
152 100

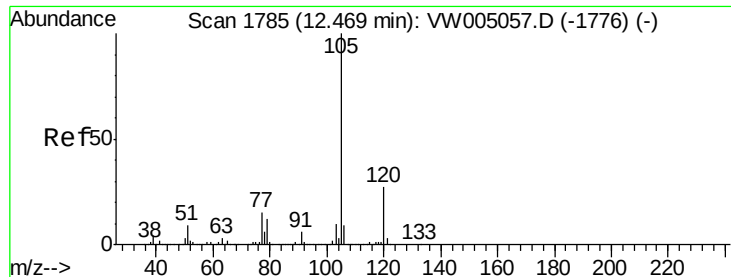
115 55.4 27.8 83.4

150 190.6 0.0 351.4



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





#73

Isopropylbenzene

Concen: 106.513 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

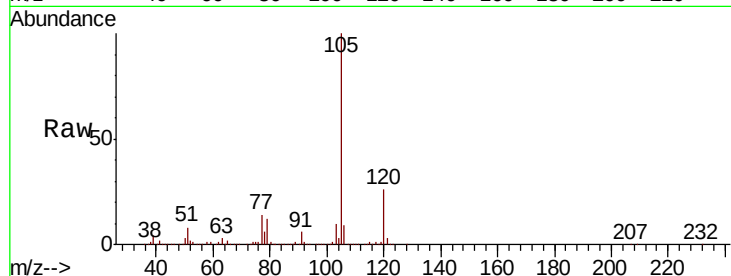
VSTDIC100

Tgt Ion: 105 Resp: 2947197

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

2000000

1500000

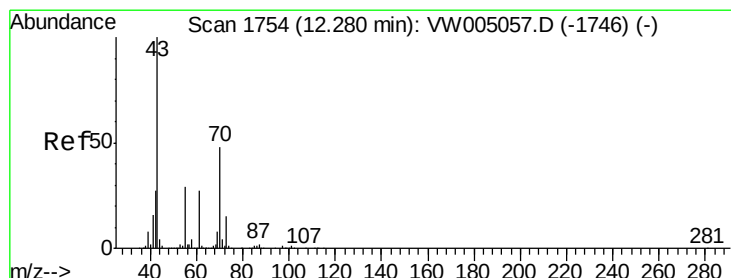
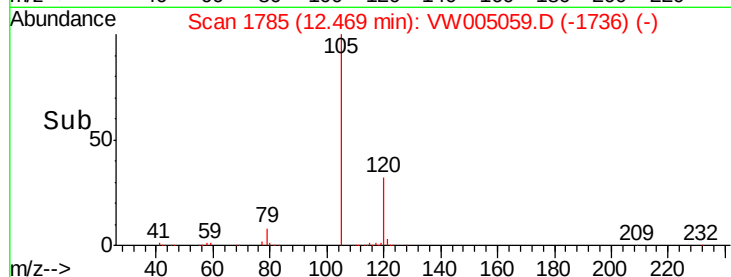
1000000

500000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 106.162 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Tgt Ion: 43 Resp: 505797

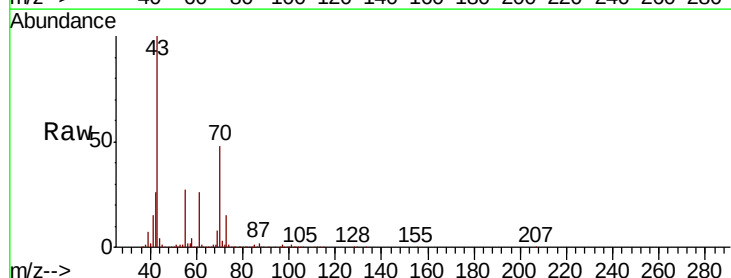
Ion Ratio Lower Upper

43 100

70 47.3 38.2 57.4

55 27.7 23.2 34.8

61 26.1 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

500000

400000

300000

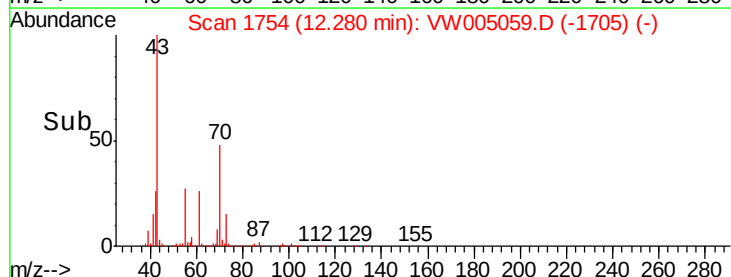
200000

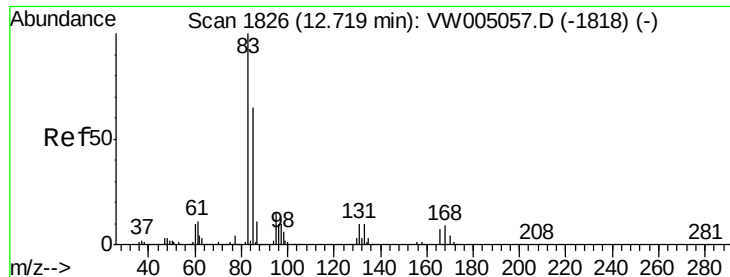
100000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 96.518 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

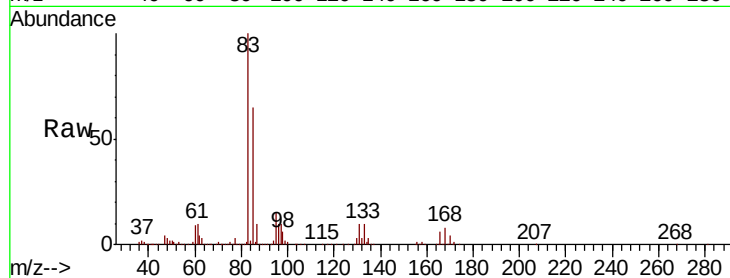
Tgt Ion: 83 Resp: 406559

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

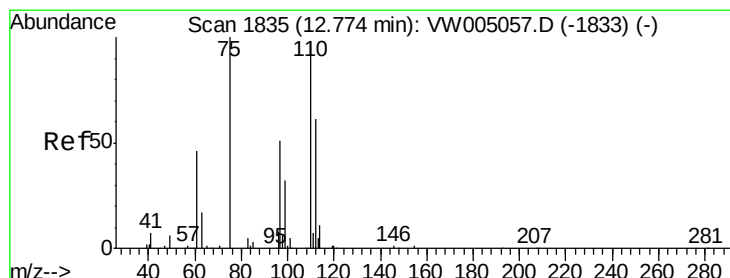
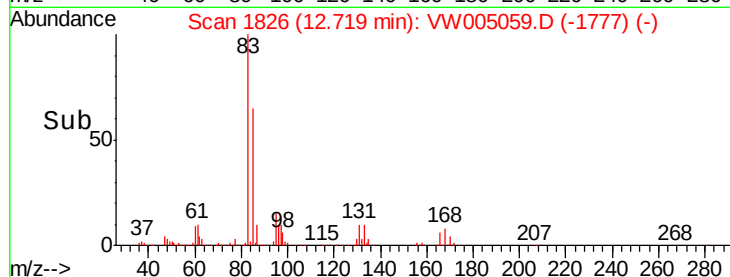
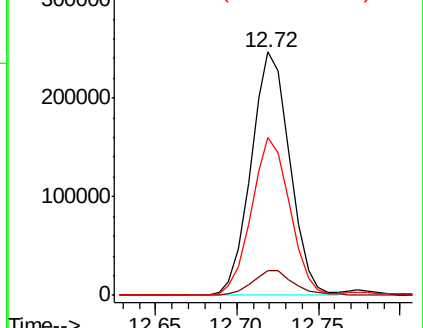
85 64.3 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 185.176 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW005059.D

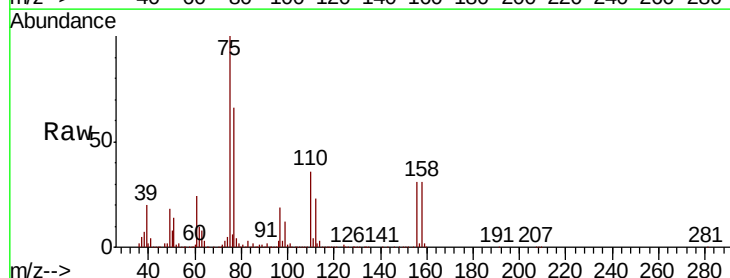
Acq: 01 Sep 2018 01:55

Tgt Ion: 75 Resp: 545456

Ion Ratio Lower Upper

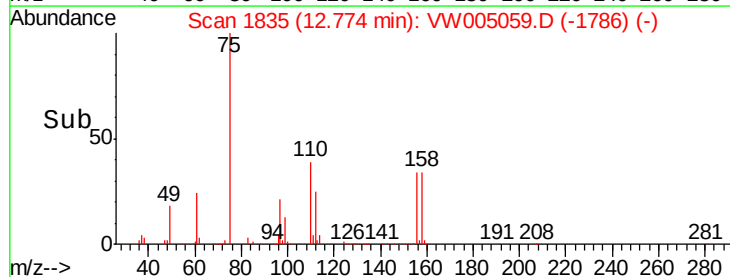
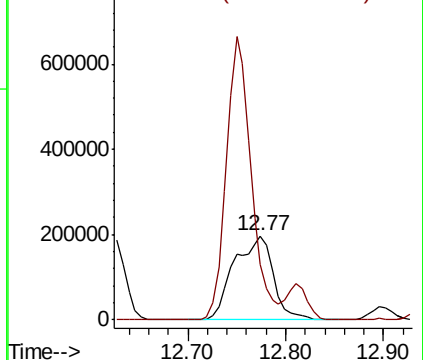
75 100

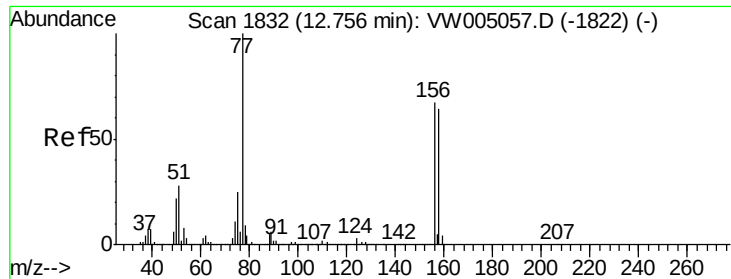
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 100.686 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

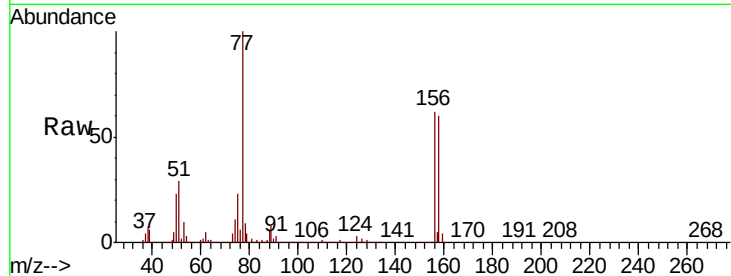
Tgt Ion: 156 Resp: 686462

Ion Ratio Lower Upper

156 100

77 171.2 85.8 257.4

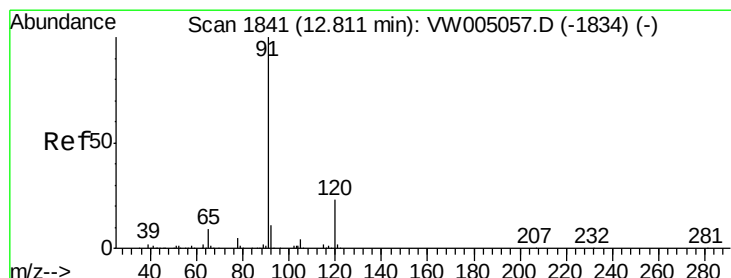
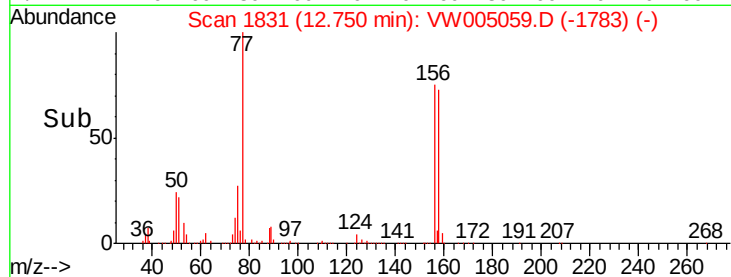
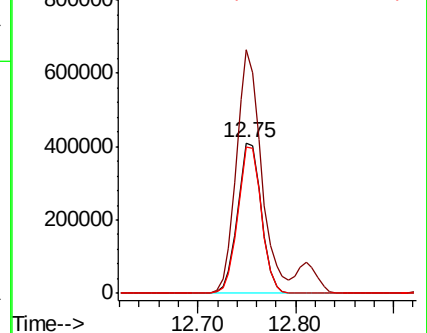
158 97.1 48.1 144.4



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: 104.360 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005059.D

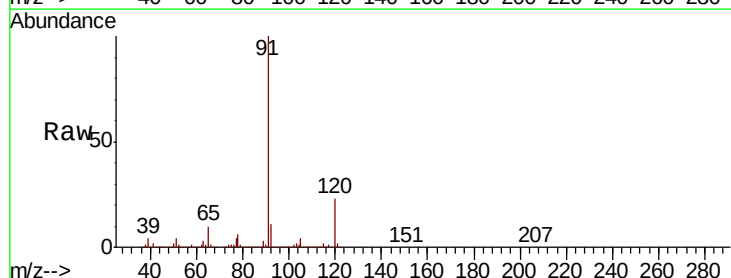
Acq: 01 Sep 2018 01:55

Tgt Ion: 91 Resp: 3485947

Ion Ratio Lower Upper

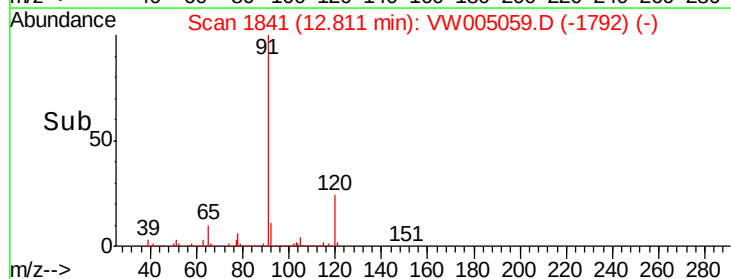
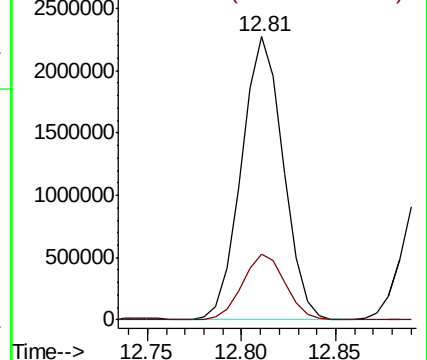
91 100

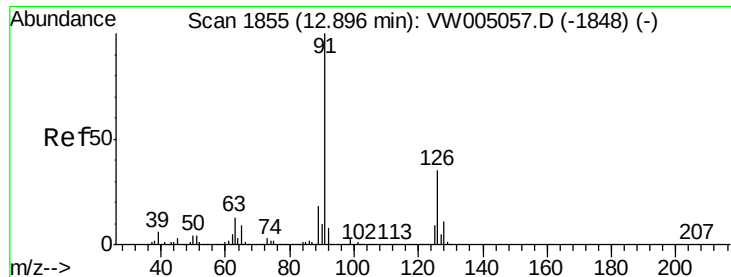
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 102.545 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

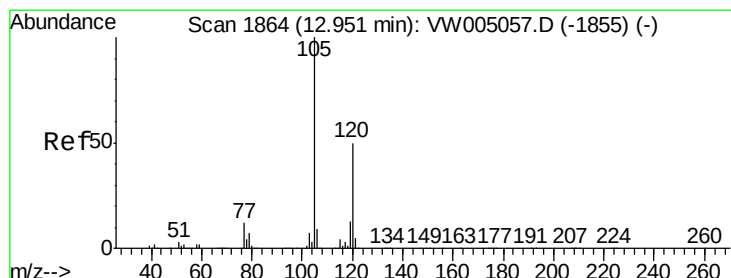
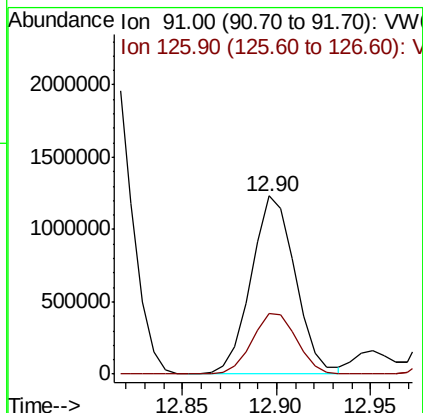
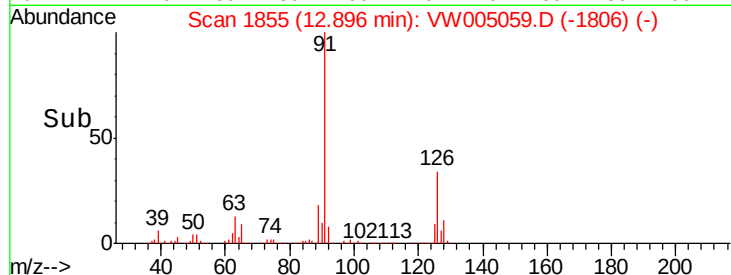
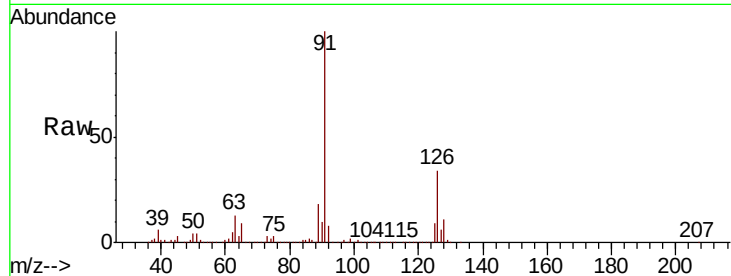
VSTDIC100

Tgt Ion: 91 Resp: 1998374

Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 103.546 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005059.D

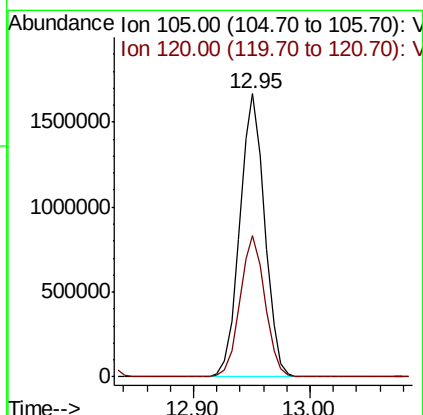
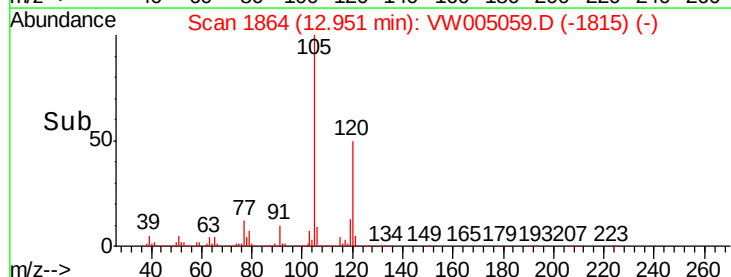
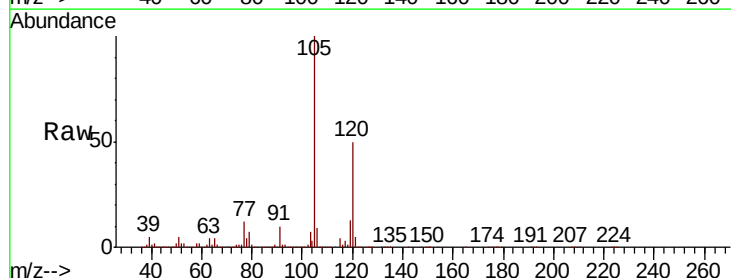
Acq: 01 Sep 2018 01:55

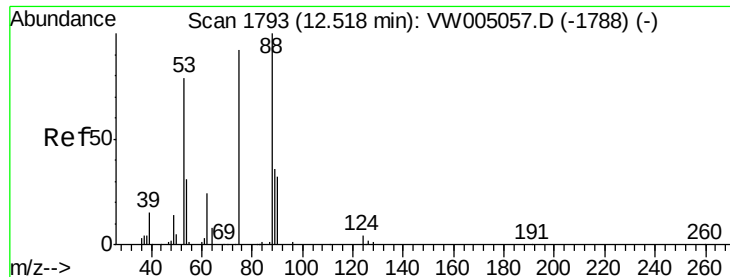
Tgt Ion: 105 Resp: 2477695

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.8

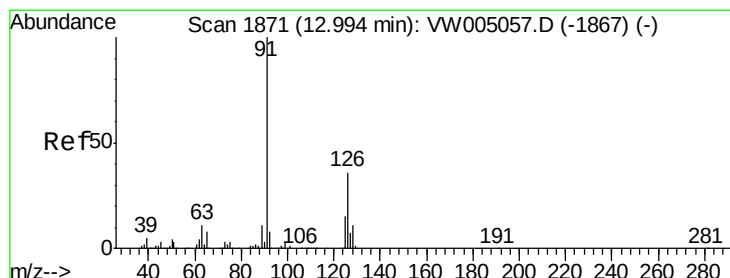
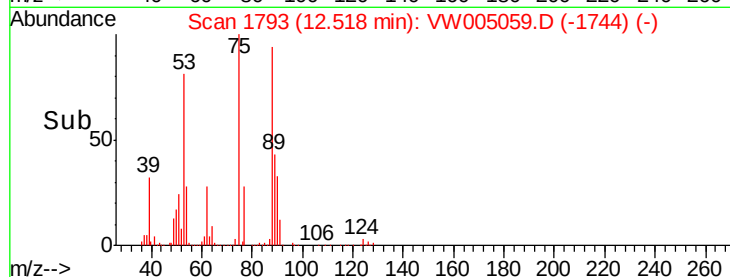
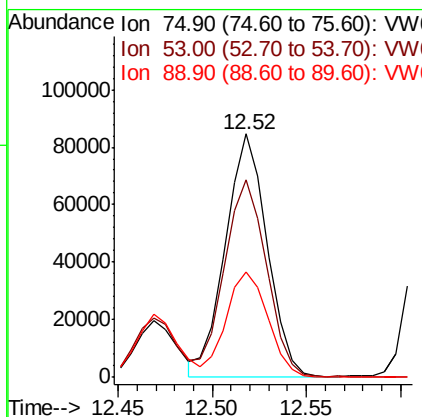
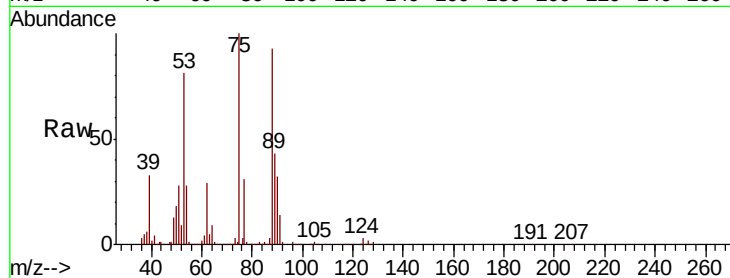




#81
trans-1,4-Dichloro-2-butene
Concen: 105.445 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

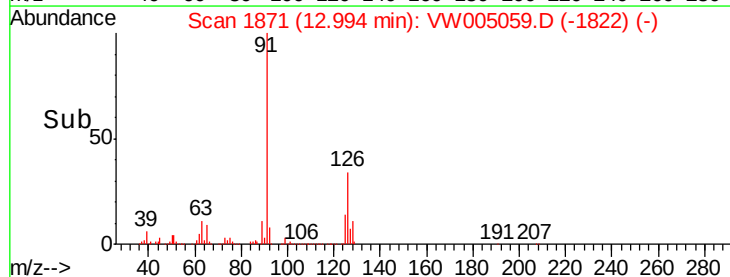
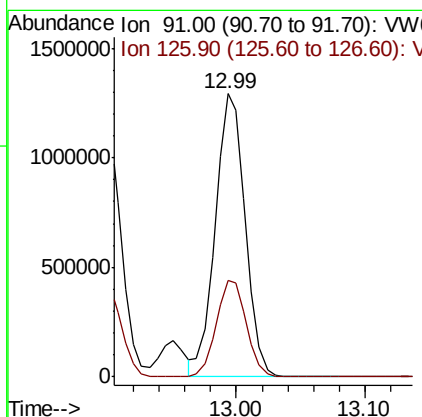
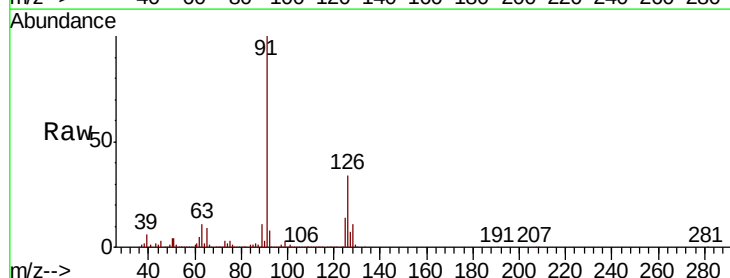
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

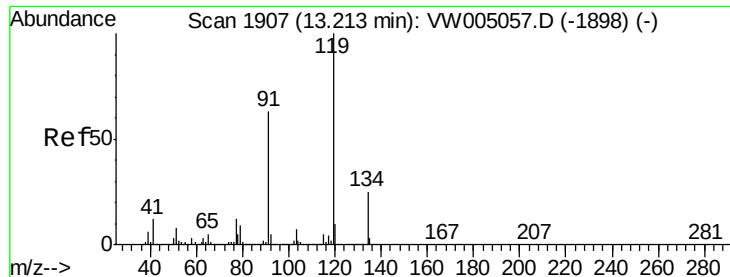
Tgt Ion: 75 Resp: 129046
Ion Ratio Lower Upper
75 100
53 83.6 69.8 104.8
89 43.7 36.0 54.0



#82
4-Chlorotoluene
Concen: 102.066 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion: 91 Resp: 2100342
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.3





#83

tert-Butylbenzene

Concen: 105.734 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

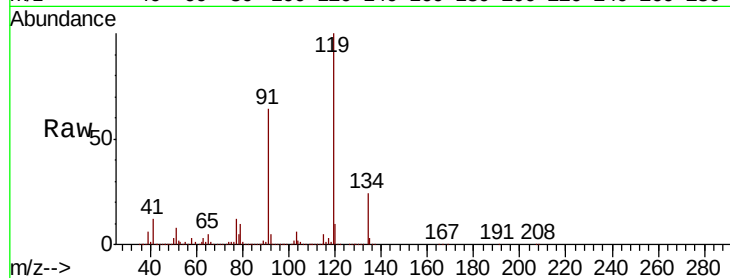
Tgt Ion:119 Resp: 2112861

Ion Ratio Lower Upper

119 100

91 63.7 31.8 95.4

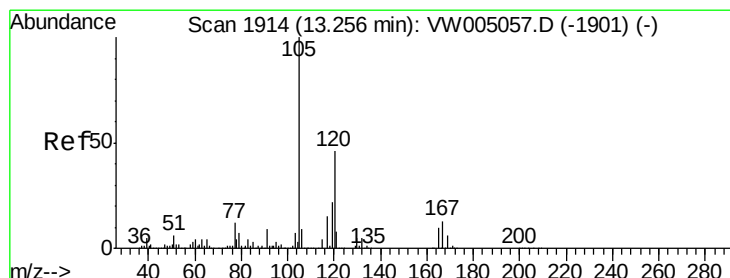
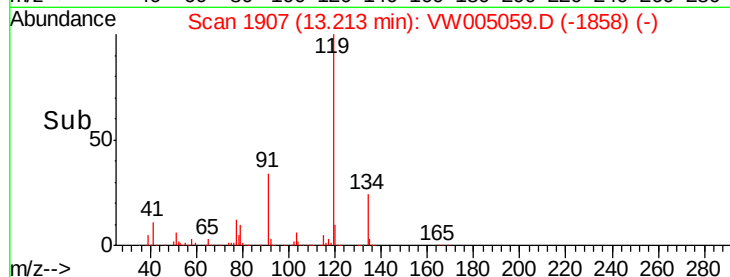
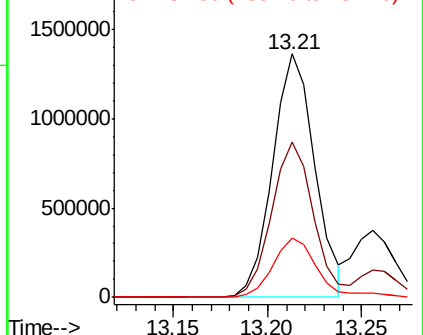
134 26.1 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 103.653 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. -0.00 min

Lab File: VW005059.D

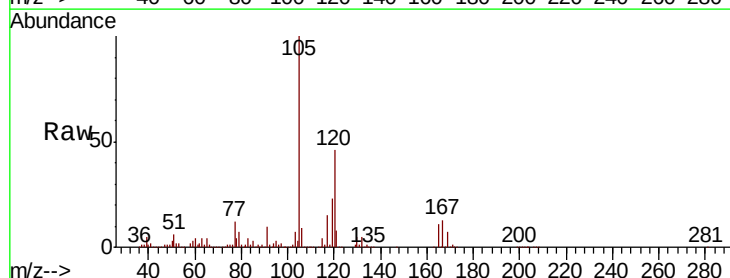
Acq: 01 Sep 2018 01:55

Tgt Ion:105 Resp: 2525948

Ion Ratio Lower Upper

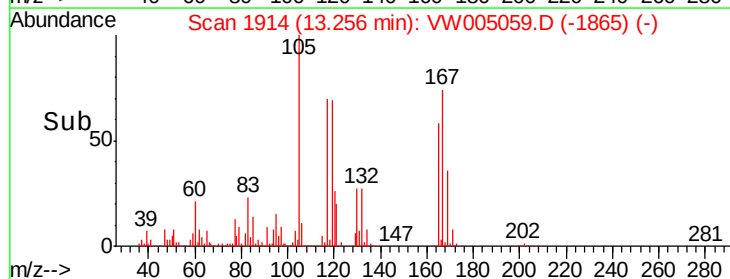
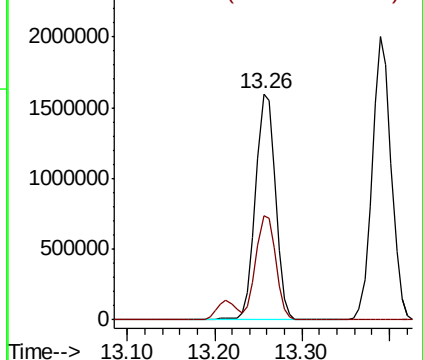
105 100

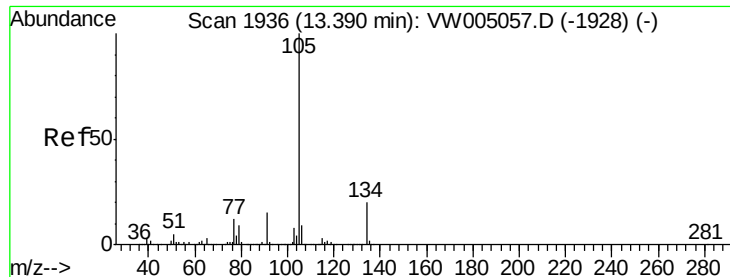
120 46.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 103.037 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

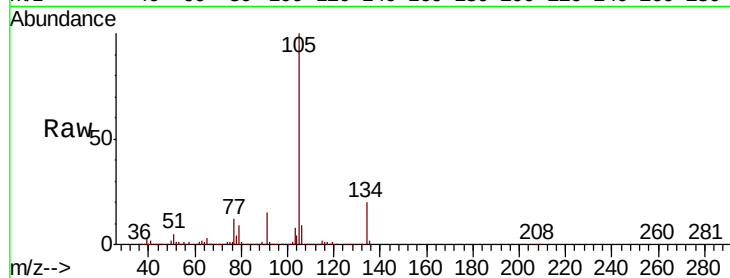
VSTDIC100

Tgt Ion:105 Resp: 3025844

Ion Ratio Lower Upper

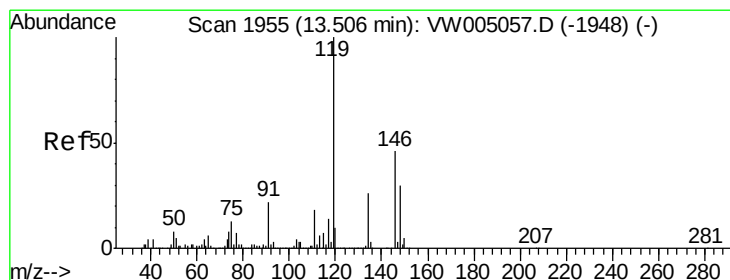
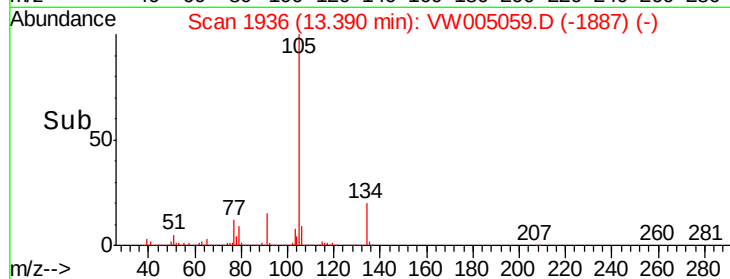
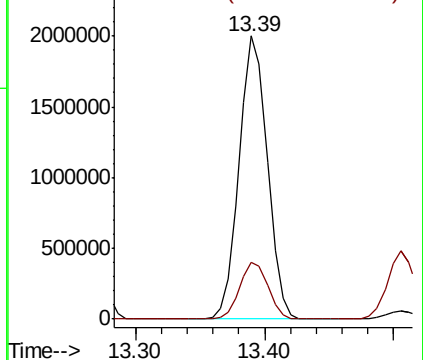
105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 104.715 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

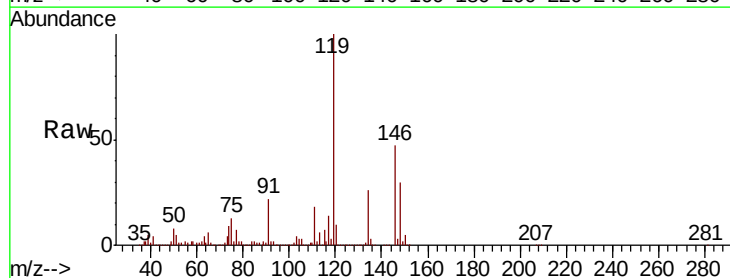
Tgt Ion:119 Resp: 2722104

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

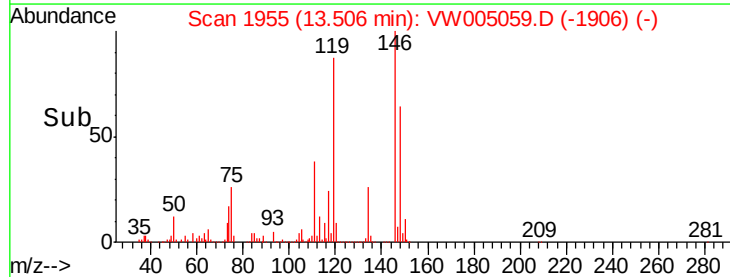
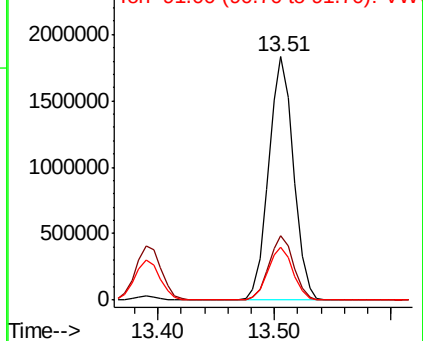
91 21.8 10.9 32.9

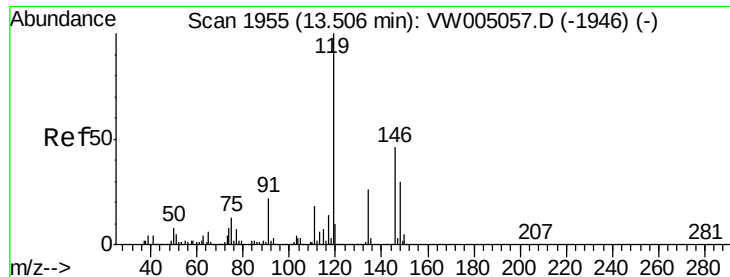


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

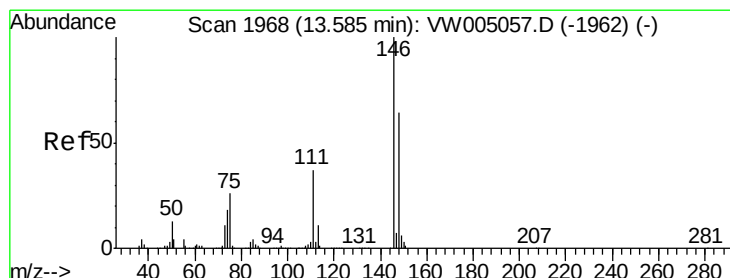
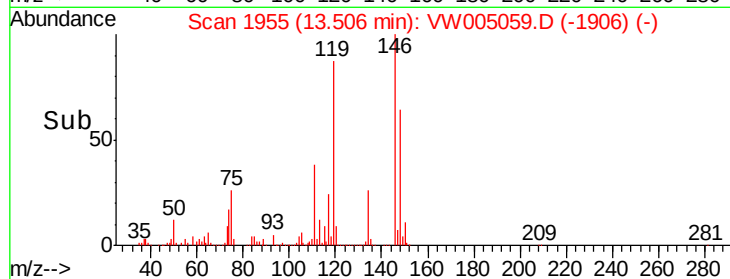
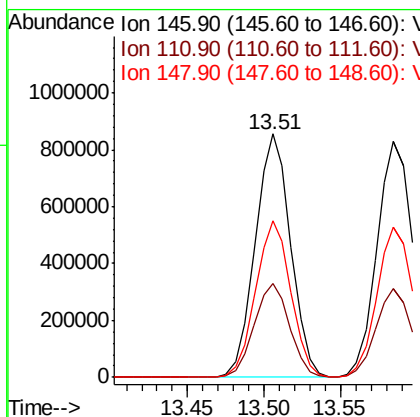
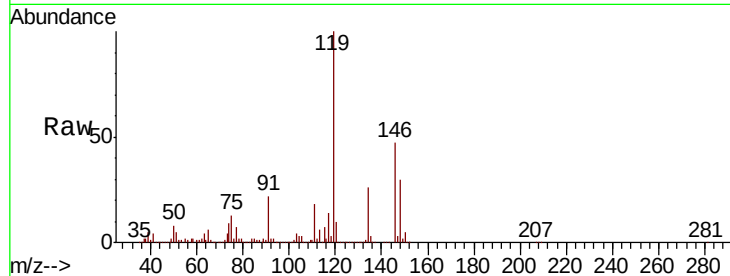




#87
 1,3-Dichlorobenzene
 Concen: 98.201 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

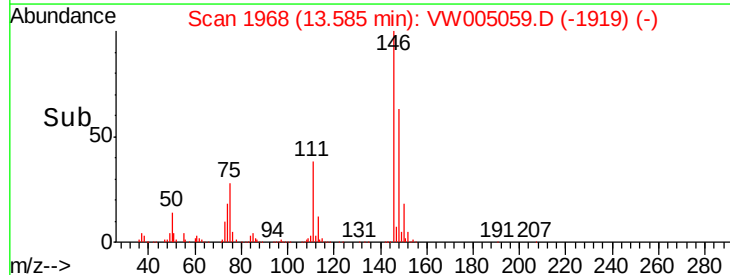
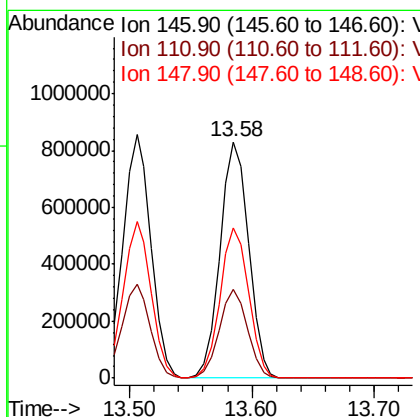
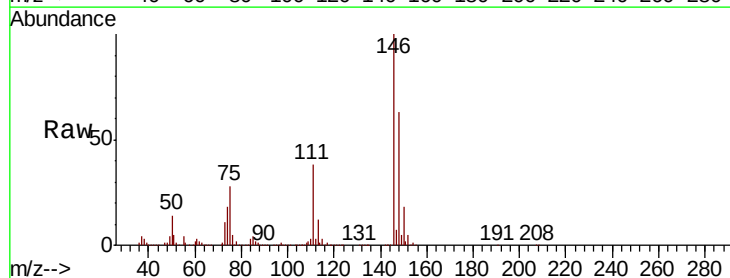
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

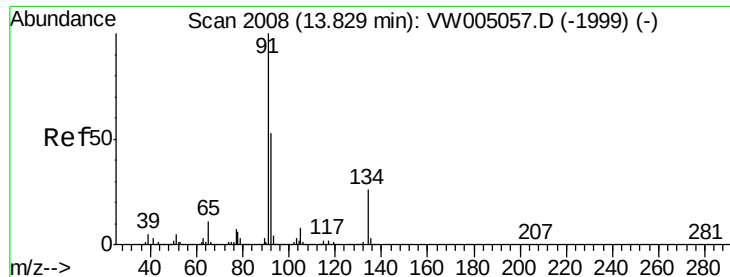
Tgt Ion:146 Resp: 1375278
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.2 57.6
 148 64.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 96.703 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion:146 Resp: 1343442
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 103.717 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

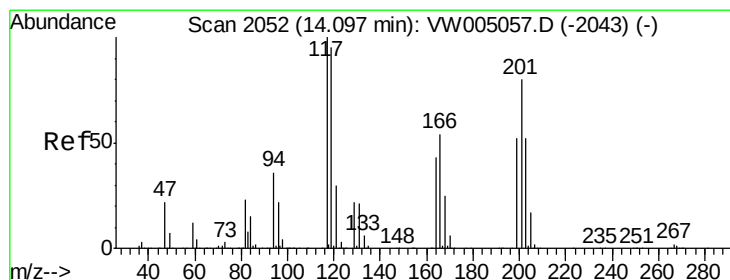
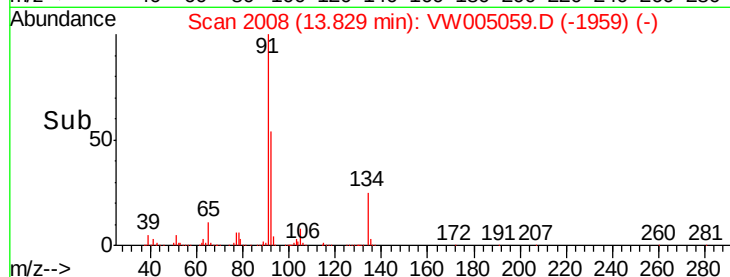
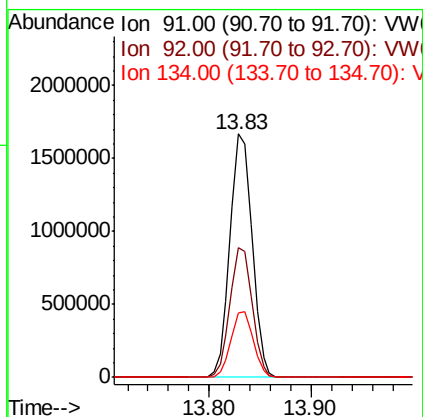
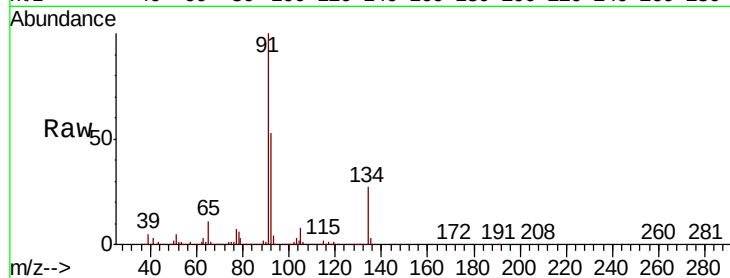
Tgt Ion: 91 Resp: 2498734

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.5

134 26.9 13.5 40.4



#90

Hexachloroethane

Concen: 101.368 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW005059.D

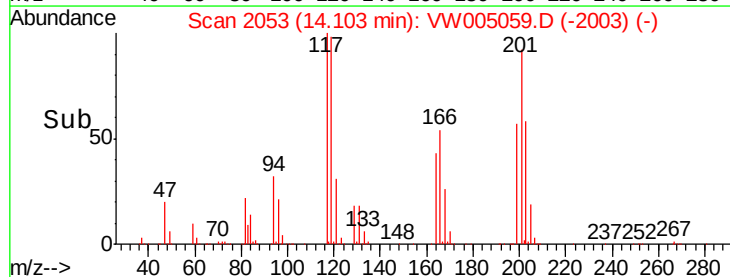
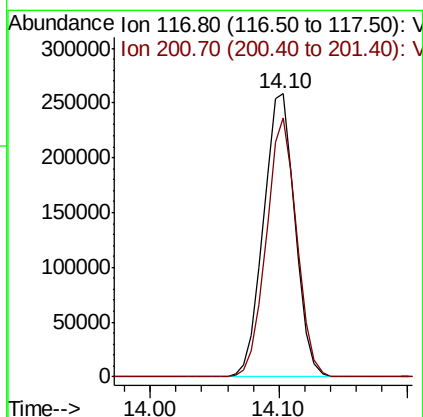
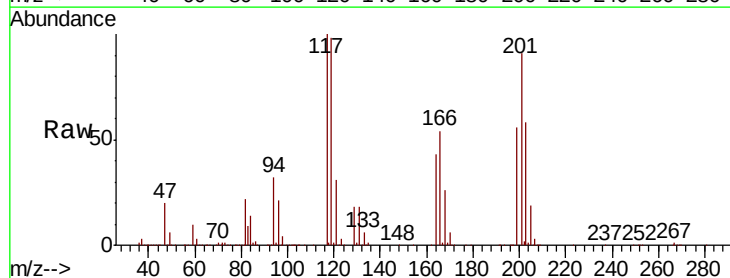
Acq: 01 Sep 2018 01:55

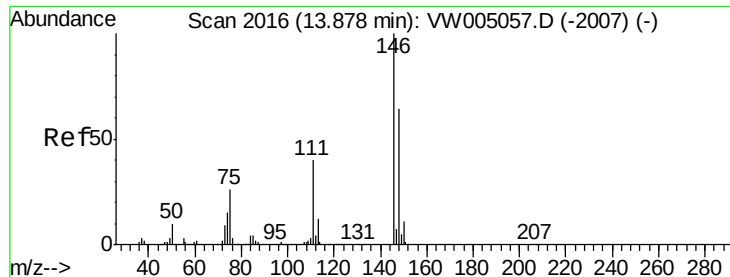
Tgt Ion: 117 Resp: 437707

Ion Ratio Lower Upper

117 100

201 88.4 44.6 133.8





#91

1,2-Dichlorobenzene

Concen: 97.265 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

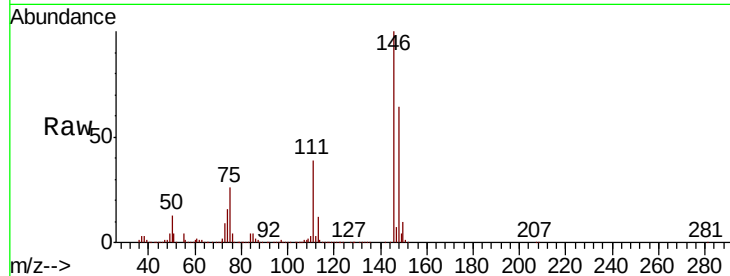
Tgt Ion:146 Resp: 1187272

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

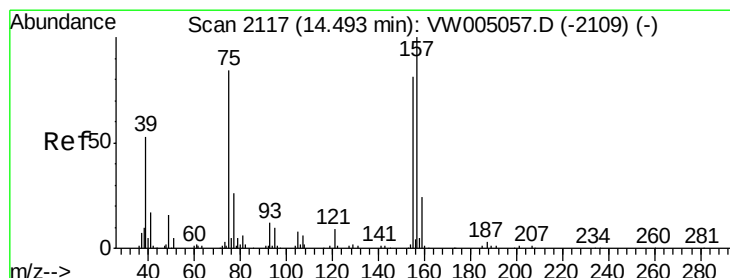
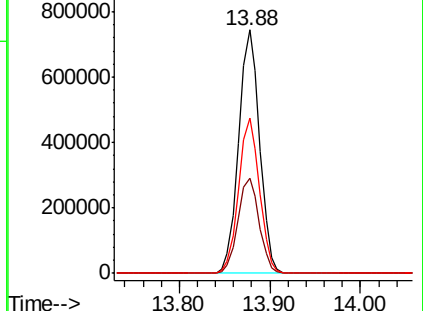
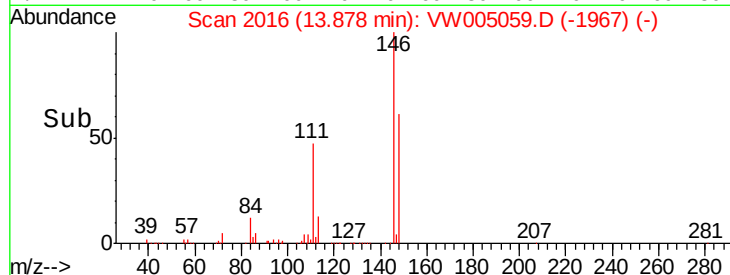
148 63.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 91.906 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW005059.D

Acq: 01 Sep 2018 01:55

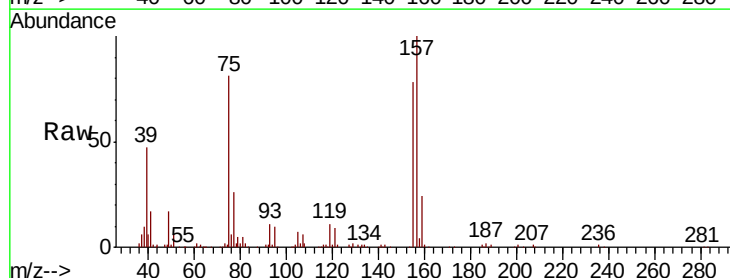
Tgt Ion: 75 Resp: 60497

Ion Ratio Lower Upper

75 100

155 91.3 46.0 137.8

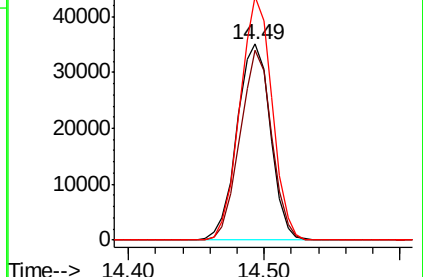
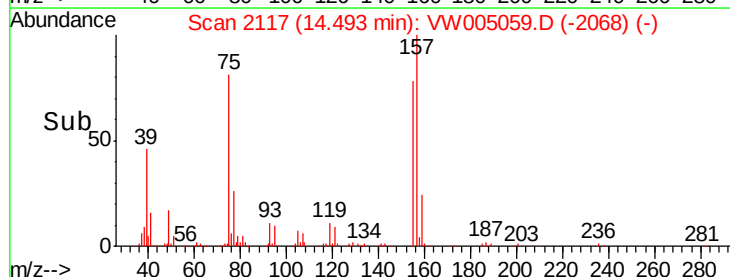
157 118.9 58.6 175.7

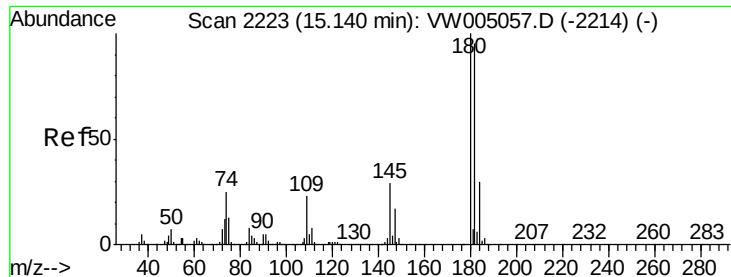


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

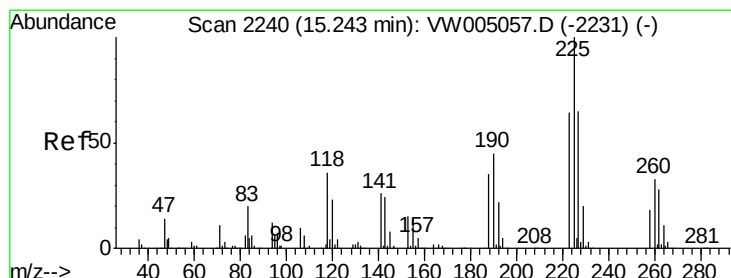
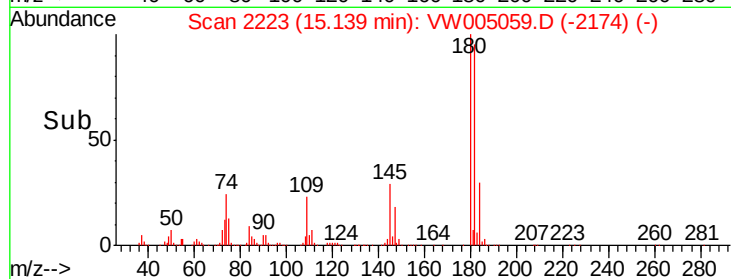
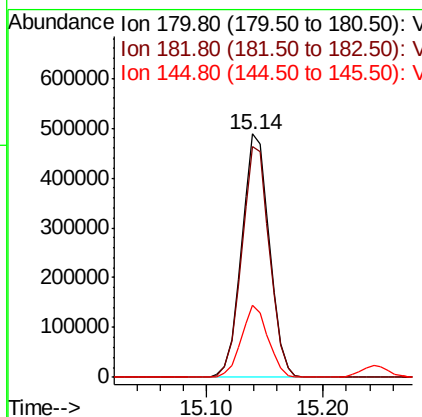
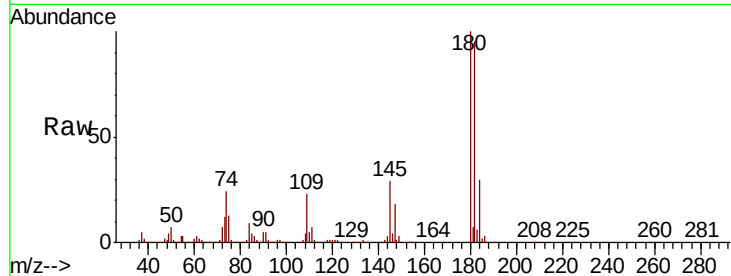




#93
 1,2,4-Trichlorobenzene
 Concen: 98.873 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

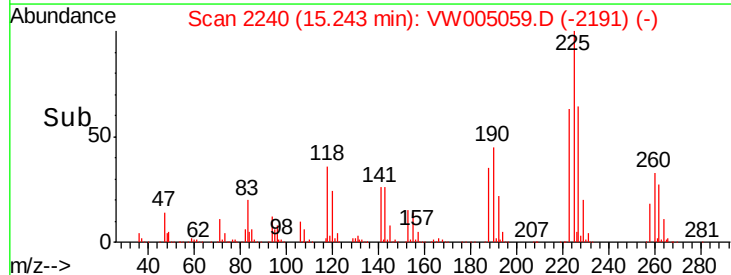
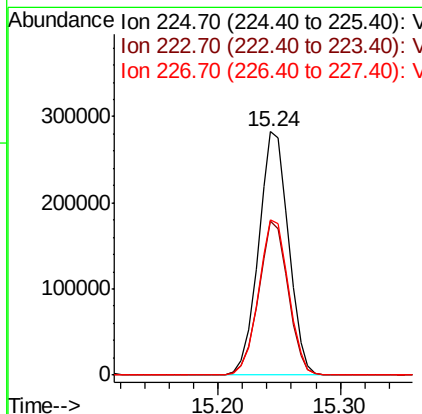
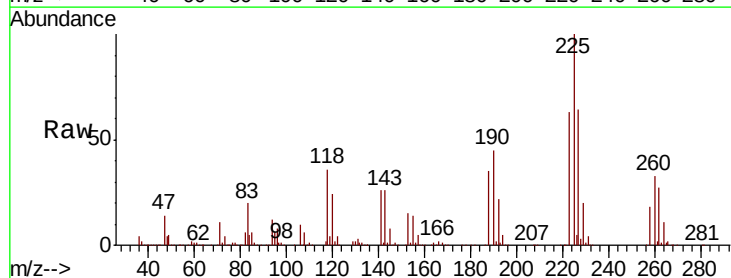
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

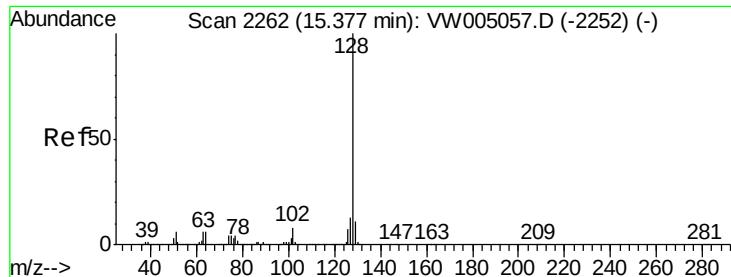
Tgt Ion:180 Resp: 809257
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.5 142.6
 145 28.7 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 94.563 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005059.D
 Acq: 01 Sep 2018 01:55

Tgt Ion:225 Resp: 481377
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.4 94.3
 227 64.0 32.0 96.0

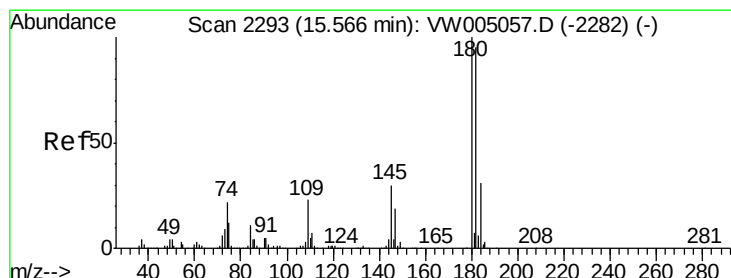
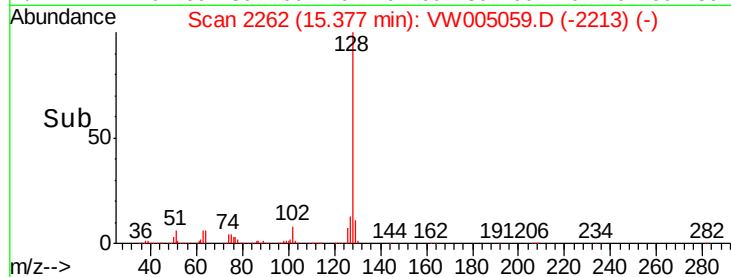
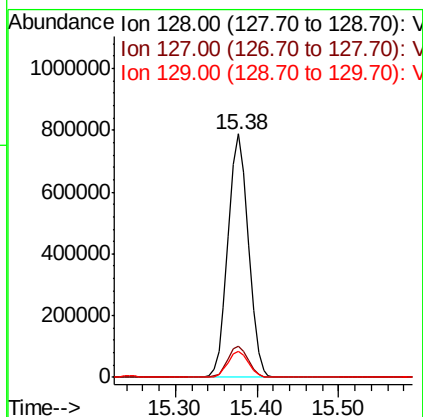
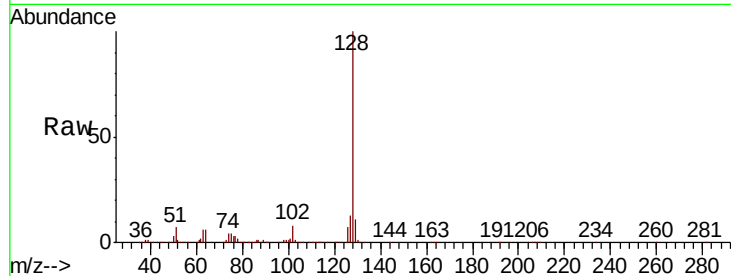




#95
Naphthalene
Concen: 92.154 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1355443
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 98.426 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005059.D
Acq: 01 Sep 2018 01:55

Tgt Ion:180 Resp: 689429
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.3
145 30.6 15.4 46.1

