

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100418\
 Data File : VW005837.D
 Acq On : 04 Oct 2018 04:55
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Oct 04 06:37:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	291379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148056	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	173385	75.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.96%	
35) Dibromofluoromethane	7.89	113	142184	77.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.08%	
50) Toluene-d8	10.33	98	569900	76.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.54%	
62) 4-Bromofluorobenzene	12.62	95	215295	77.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	85580	66.555 ug/l	92
3) Chloromethane	2.21	50	95024	62.507 ug/l	100
4) Vinyl Chloride	2.37	62	141212	75.459 ug/l	99
5) Bromomethane	2.79	94	97311	76.626 ug/l	98
6) Chloroethane	2.93	64	89321	74.486 ug/l	96
7) Trichlorofluoromethane	3.26	101	102173	70.999 ug/l	99
8) Diethyl Ether	3.68	74	74859	77.344 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	133604	72.508 ug/l	99
10) Methyl Iodide	4.27	142	225801	78.745 ug/l	99
11) Tert butyl alcohol	5.22	59	49199	372.821 ug/l	99
12) 1,1-Dichloroethene	4.04	96	131819	74.224 ug/l	96
13) Acrolein	3.90	56	54897	536.494 ug/l	97
14) Allyl chloride	4.67	41	225290	73.663 ug/l	100
15) Acrylonitrile	5.38	53	167833	391.592 ug/l	99
16) Acetone	4.14	43	139552	342.090 ug/l	99
17) Carbon Disulfide	4.38	76	436227	77.961 ug/l	100
18) Methyl Acetate	4.68	43	85024	77.350 ug/l	100
19) Methyl tert-butyl Ether	5.43	73	228486	82.391 ug/l	96
20) Methylene Chloride	4.91	84	157716	68.361 ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	151263	77.775 ug/l	99
22) Diisopropyl ether	6.32	45	455403	76.437 ug/l	99
23) Vinyl Acetate	6.26	43	1349566	394.226 ug/l	99
24) 1,1-Dichloroethane	6.22	63	278023	75.152 ug/l	99
25) 2-Butanone	7.18	43	209959	375.067 ug/l	99
26) 2,2-Dichloropropane	7.17	77	164745	65.051 ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	165004	77.095 ug/l	98
28) Bromochloromethane	7.52	49	92252	64.136 ug/l	99
29) Tetrahydrofuran	7.54	42	136910	390.666 ug/l	100
30) Chloroform	7.68	83	293212	76.428 ug/l	99
31) Cyclohexane	7.96	56	233291	66.473 ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	253305	75.141 ug/l	99
36) 1,1-Dichloropropene	8.09	75	218797	74.077 ug/l	100
37) Ethyl Acetate	7.26	43	95561	76.341 ug/l	99
38) Carbon Tetrachloride	8.07	117	239028	75.437 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100418\
 Data File : VW005837.D
 Acq On : 04 Oct 2018 04:55
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Oct 04 06:37:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	262399	75.561	ug/l	98
40) Benzene	8.33	78	635314	75.654	ug/l	99
41) Methacrylonitrile	7.49	41	54926	75.861	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	212828	78.227	ug/l	100
43) Isopropyl Acetate	8.43	43	190089	76.820	ug/l	99
44) Trichloroethene	9.10	130	163418	75.770	ug/l	100
45) 1,2-Dichloropropane	9.37	63	152529	74.567	ug/l	98
46) Dibromomethane	9.46	93	81358	77.987	ug/l	99
47) Bromodichloromethane	9.65	83	218501	78.595	ug/l	99
48) Methyl methacrylate	9.44	41	96274	81.805	ug/l	99
49) 1,4-Dioxane	9.48	88	27582	1656.449	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	501044	400.667	ug/l	99
52) Toluene	10.39	92	407980	77.683	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	219596	78.862	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	243772	78.228	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	117838	79.384	ug/l	98
56) Ethyl methacrylate	10.65	69	157063	85.777	ug/l	99
57) 1,3-Dichloropropane	10.94	76	205747	78.613	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	315652	387.920	ug/l	99
59) 2-Hexanone	10.98	43	345299	407.424	ug/l	99
60) Dibromochloromethane	11.13	129	149073	82.458	ug/l	96
61) 1,2-Dibromoethane	11.24	107	113871	82.101	ug/l	98
64) Tetrachloroethene	10.87	164	157411	78.710	ug/l	98
65) Chlorobenzene	11.66	112	447581	75.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	167758	78.333	ug/l	99
67) Ethyl Benzene	11.74	91	804072	76.871	ug/l	99
68) m/p-Xylenes	11.85	106	612648	154.498	ug/l	98
69) o-Xylene	12.17	106	292645	78.869	ug/l	99
70) Styrene	12.19	104	493919	79.112	ug/l	100
71) Bromoform	12.35	173	94623	82.328	ug/l #	100
73) Isopropylbenzene	12.47	105	807558	78.561	ug/l	100
74) N-amyl acetate	12.28	43	185960	79.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	137443	79.471	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	192487	149.960	ug/l #	100
77) Bromobenzene	12.76	156	194711	79.972	ug/l	100
78) n-propylbenzene	12.81	91	951547	76.666	ug/l	99
79) 2-Chlorotoluene	12.90	91	564085	78.204	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	697328	77.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	44002	78.043	ug/l	100
82) 4-Chlorotoluene	12.99	91	587854	77.260	ug/l	99
83) tert-Butylbenzene	13.21	119	586349	78.085	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	713888	78.934	ug/l	100
85) sec-Butylbenzene	13.39	105	816065	75.125	ug/l	99
86) p-Isopropyltoluene	13.51	119	752336	77.036	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	377145	75.940	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	373808	75.779	ug/l	99
89) n-Butylbenzene	13.83	91	687841	75.112	ug/l	100
90) Hexachloroethane	14.10	117	133668	75.475	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	345228	78.443	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26857	80.647	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100418\
Data File : VW005837.D
Acq On : 04 Oct 2018 04:55
Operator : SY/AP
Sample : VSTDIC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Quant Time: Oct 04 06:37:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 05:22:23 2018
Response via : Initial Calibration

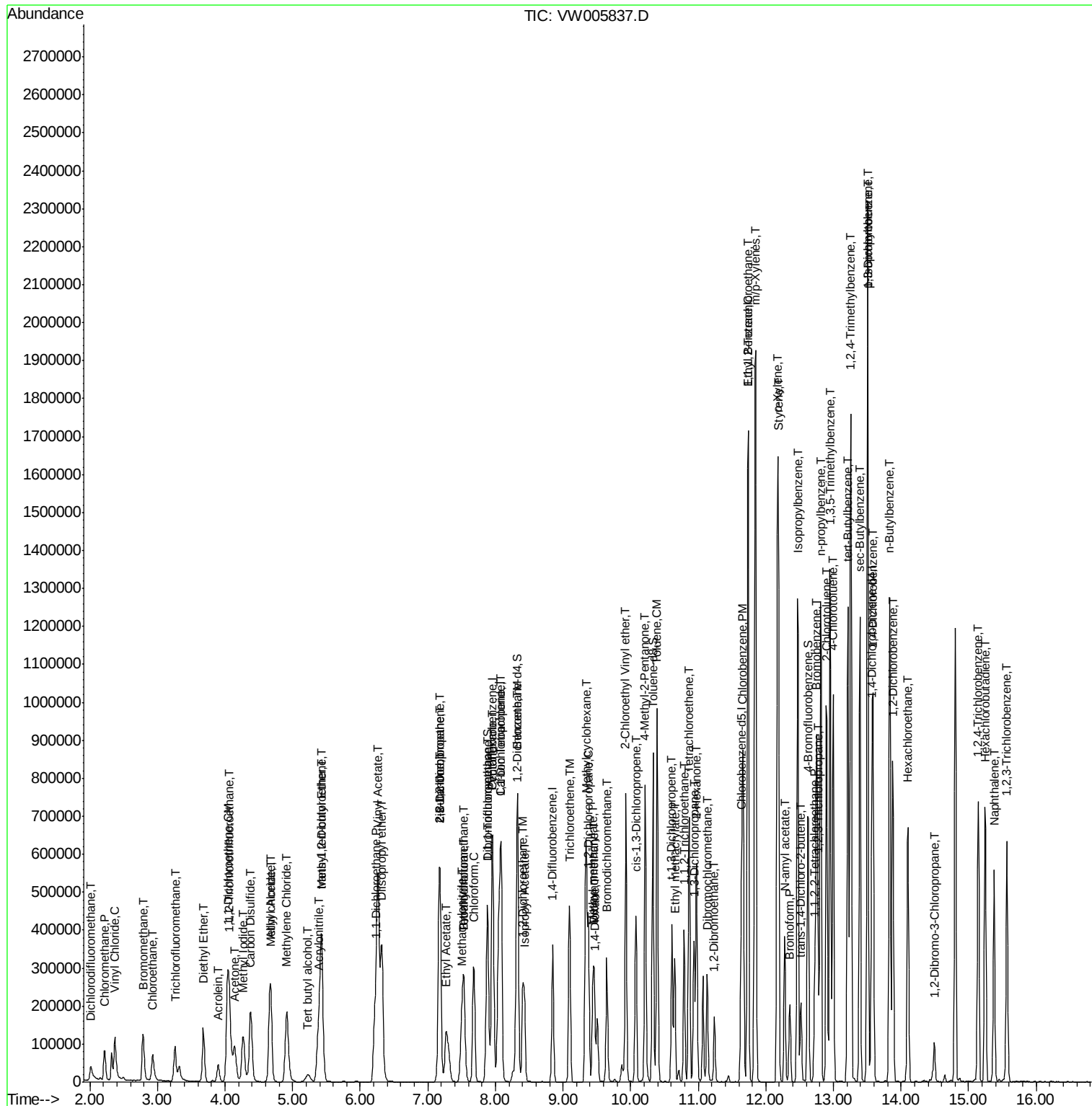
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	248050	79.398	ug/l	99
94) Hexachlorobutadiene	15.24	225	148744	73.888	ug/l	98
95) Naphthalene	15.38	128	469861	88.344	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	223980	80.908	ug/l	100

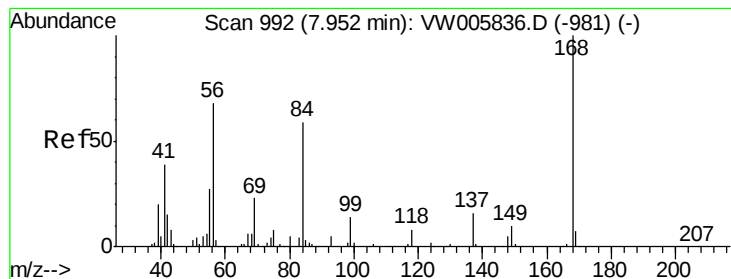
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100418\
Data File : VW005837.D
Acq On : 04 Oct 2018 04:55
Operator : SY/AP
Sample : VSTDIC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Quant Time: Oct 04 06:37:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 05:22:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

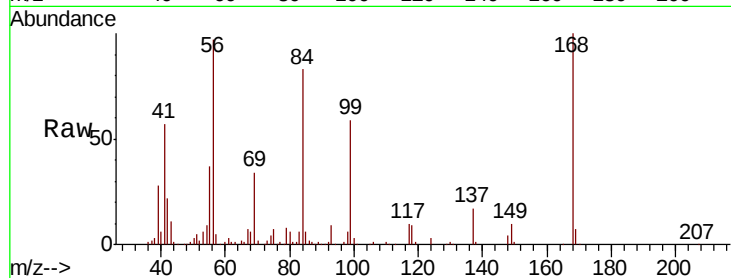
VSTDIC075

Tgt Ion:168 Resp: 192377

Ion Ratio Lower Upper

168 100

99 59.2 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

20000

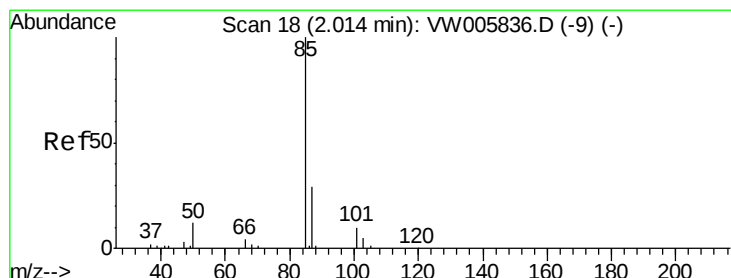
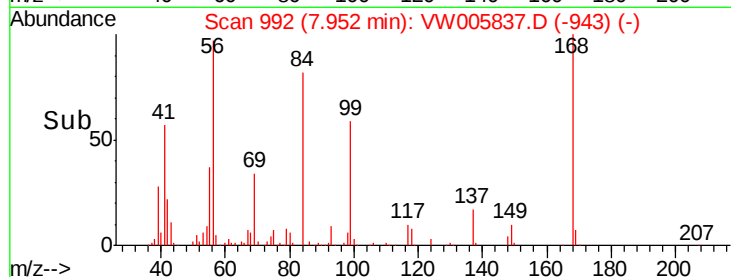
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 66.555 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005837.D

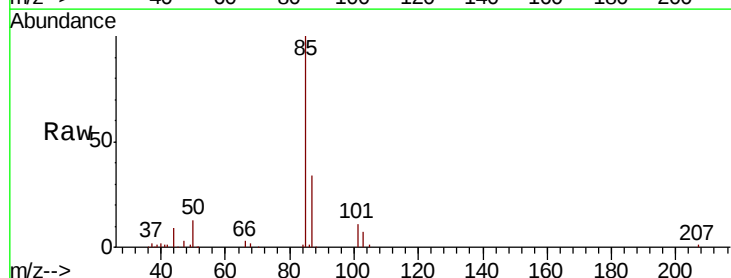
Acq: 04 Oct 2018 04:55

Tgt Ion: 85 Resp: 85580

Ion Ratio Lower Upper

85 100

87 33.8 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

15000

10000

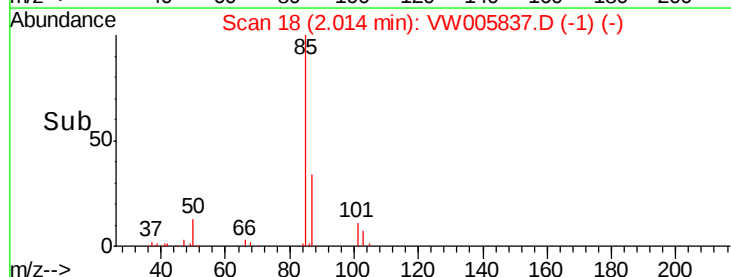
5000

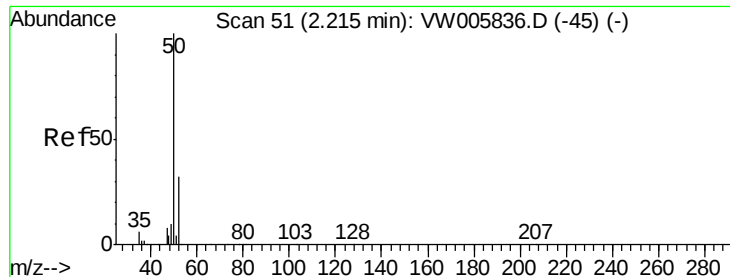
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 62.507 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampled :

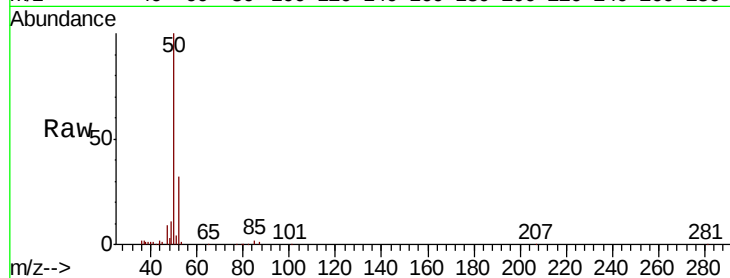
VSTDIC075

Tgt Ion: 50 Resp: 95024

Ion Ratio Lower Upper

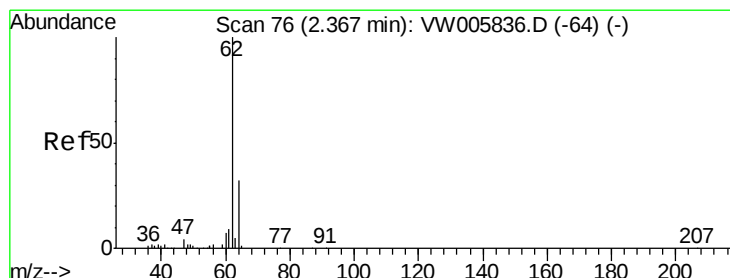
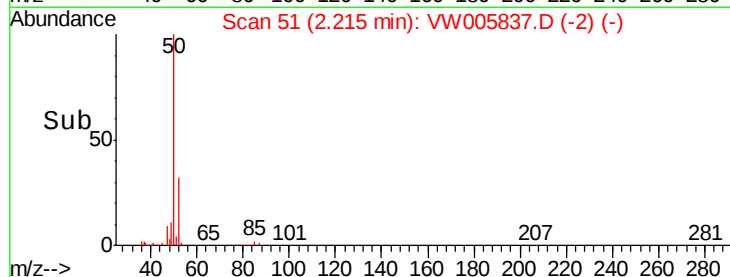
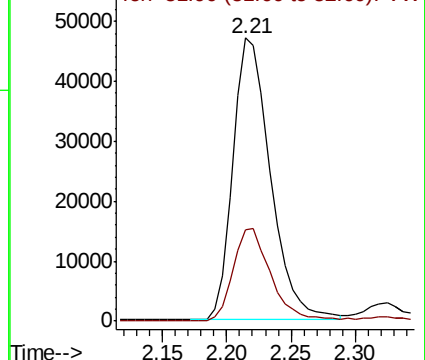
50 100

52 32.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 75.459 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005837.D

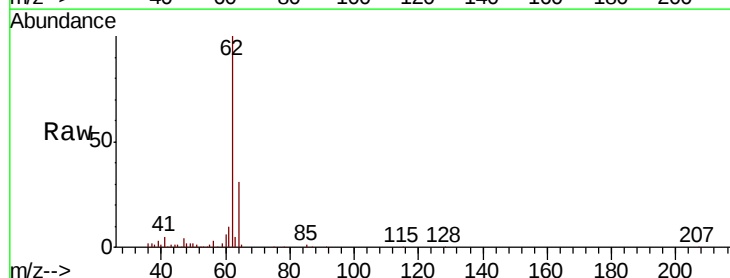
Acq: 04 Oct 2018 04:55

Tgt Ion: 62 Resp: 141212

Ion Ratio Lower Upper

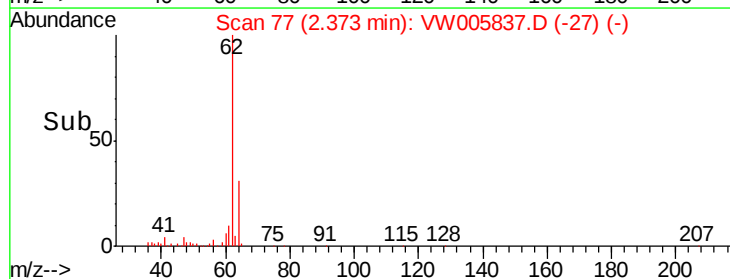
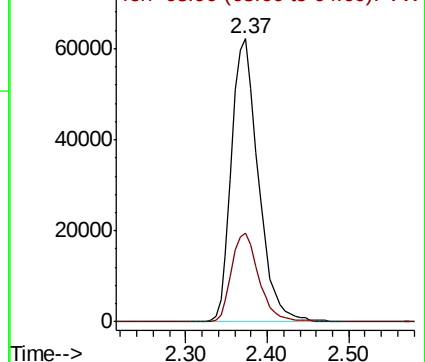
62 100

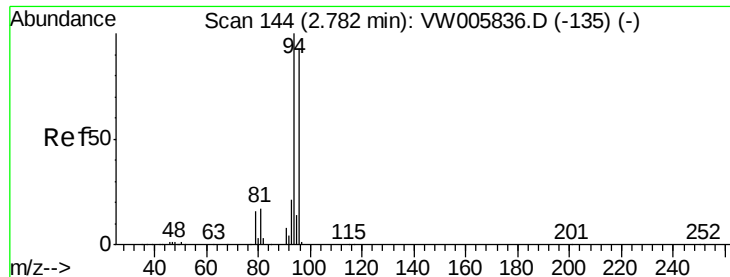
64 31.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 76.626 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

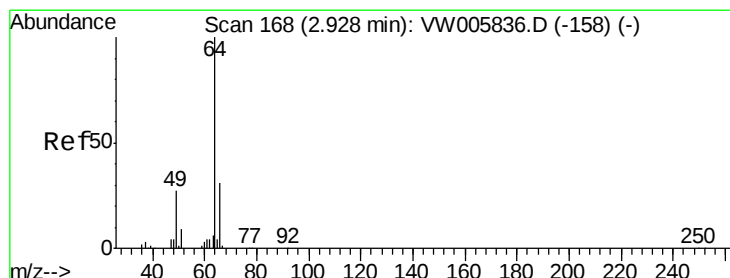
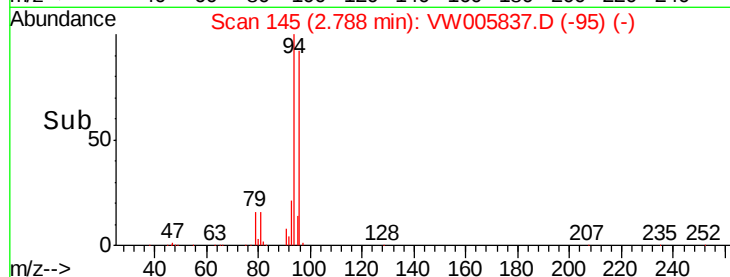
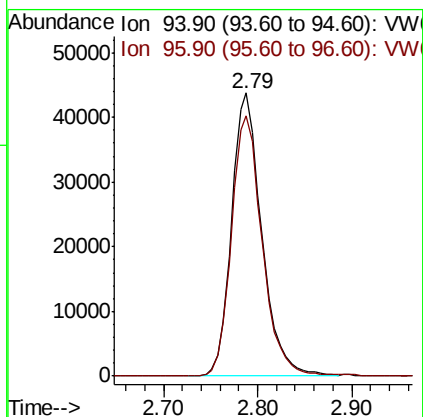
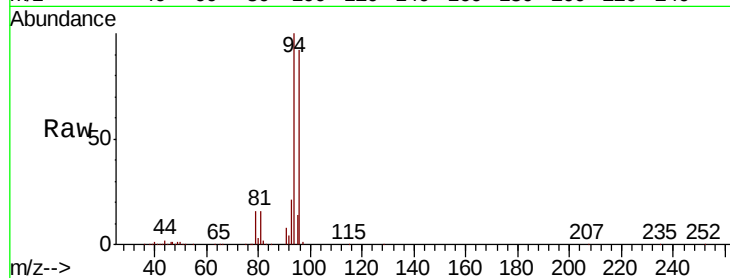
VSTDIC075

Tgt Ion: 94 Resp: 97311

Ion Ratio Lower Upper

94 100

96 91.6 74.5 111.7



#6

Chloroethane

Concen: 74.486 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005837.D

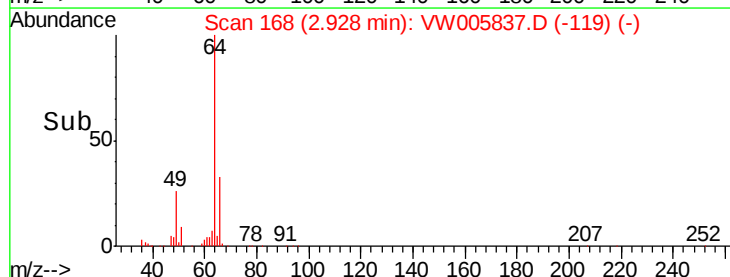
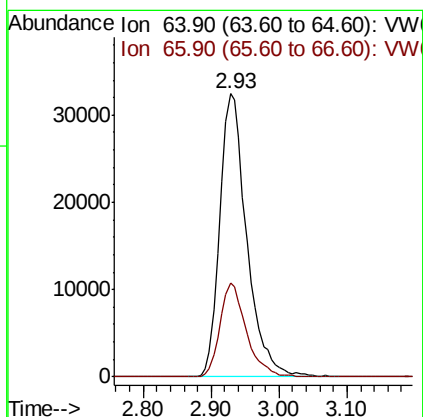
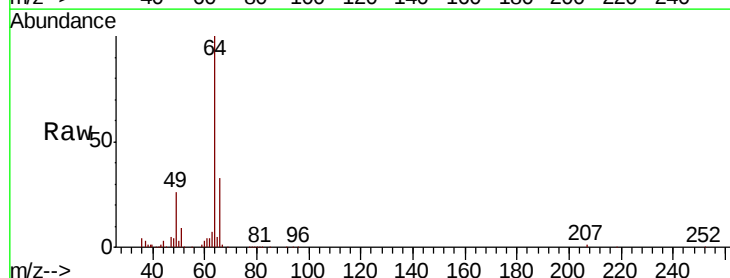
Acq: 04 Oct 2018 04:55

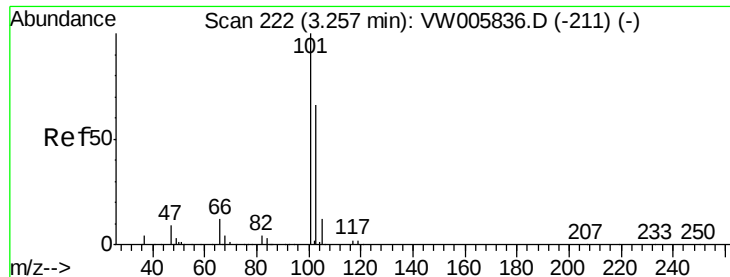
Tgt Ion: 64 Resp: 89321

Ion Ratio Lower Upper

64 100

66 33.3 25.0 37.6



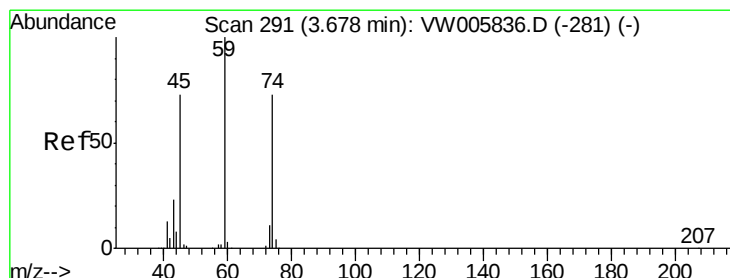
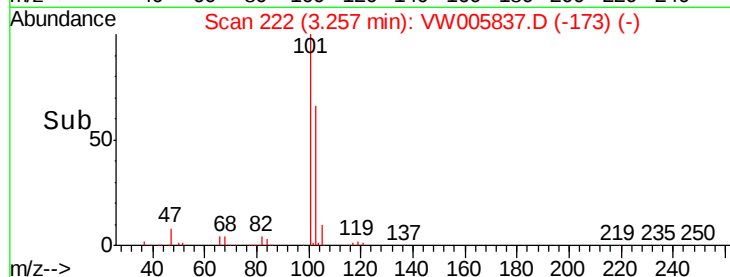
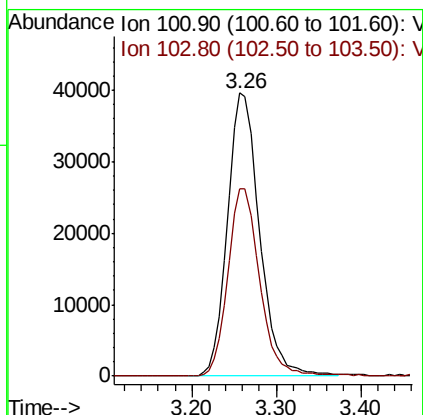
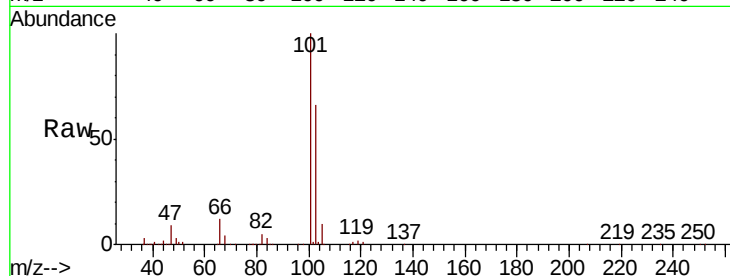


#7

Trichlorofluoromethane
 Concen: 70.999 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

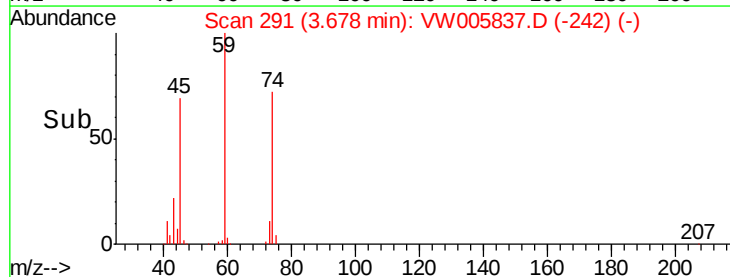
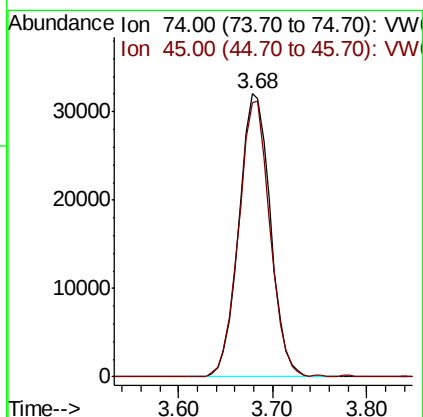
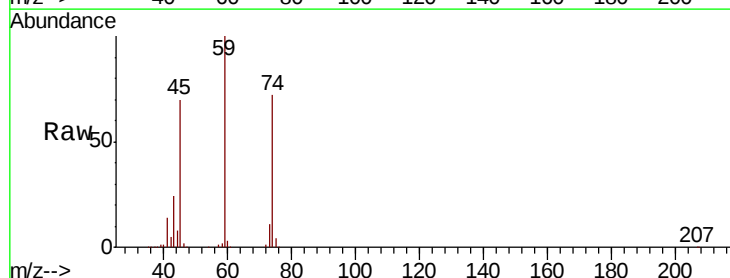
Tgt Ion:101 Resp: 102173
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.5 78.7

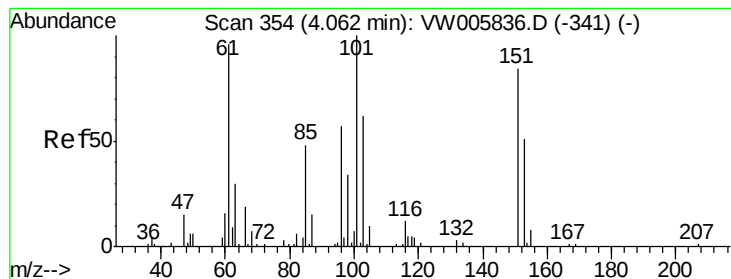


#8

Diethyl Ether
 Concen: 77.344 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Tgt Ion: 74 Resp: 74859
 Ion Ratio Lower Upper
 74 100
 45 96.3 49.1 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 72.508 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

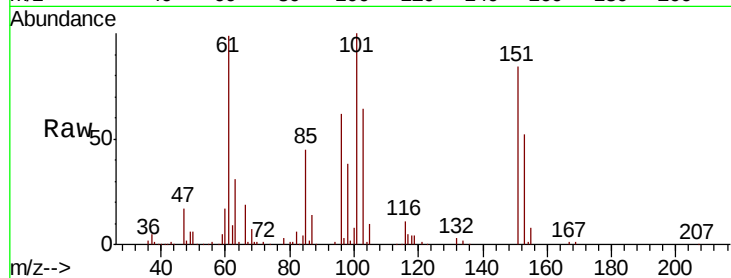
Tgt Ion:101 Resp: 133604

Ion Ratio Lower Upper

101 100

85 44.4 35.5 53.3

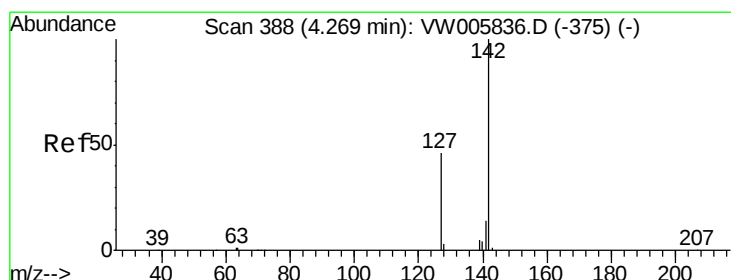
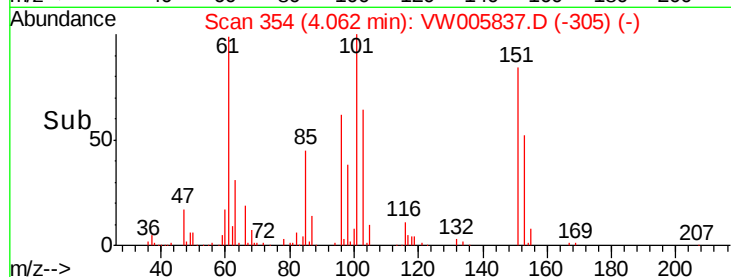
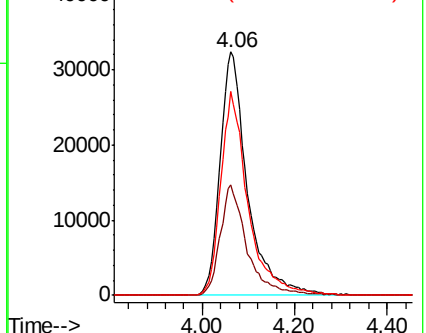
151 83.1 67.4 101.2



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: 78.745 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

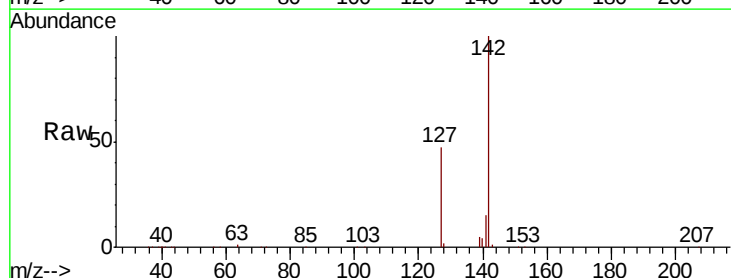
Tgt Ion:142 Resp: 225801

Ion Ratio Lower Upper

142 100

127 46.1 37.4 56.0

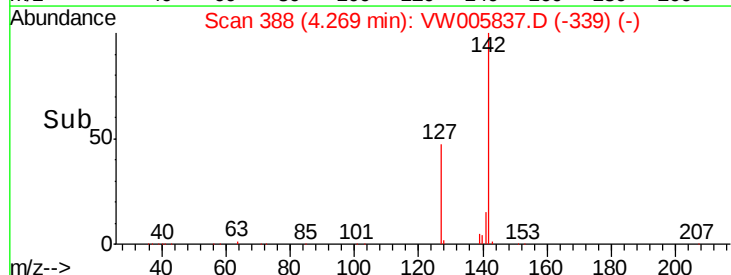
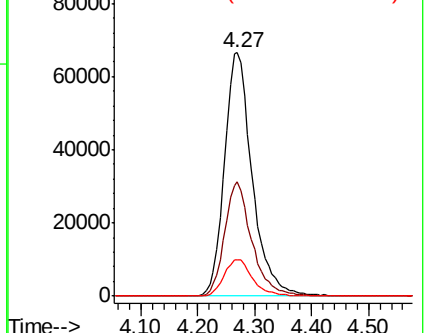
141 15.4 12.2 18.2

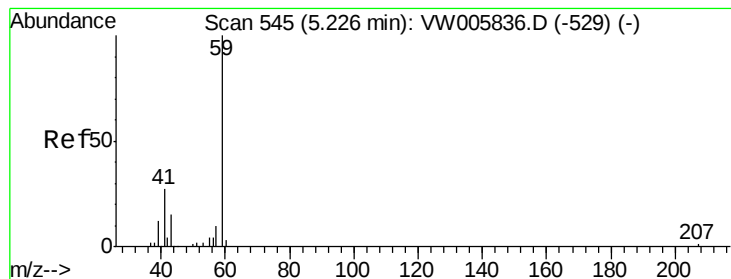


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



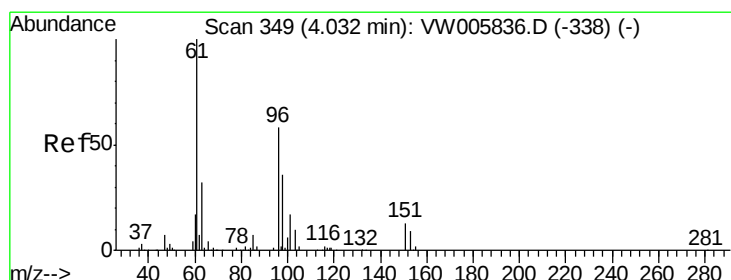
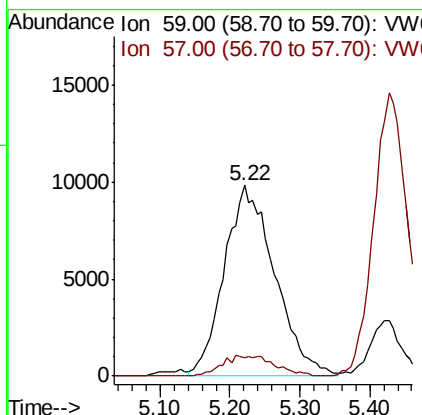
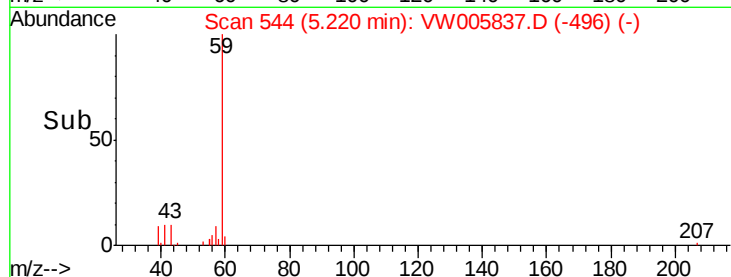
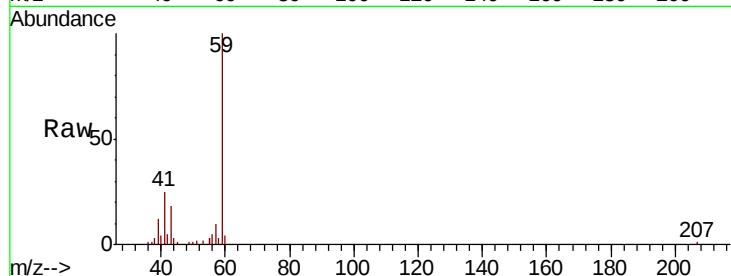


#11

Tert butyl alcohol
Concen: 372.821 ug/l
RT: 5.22 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

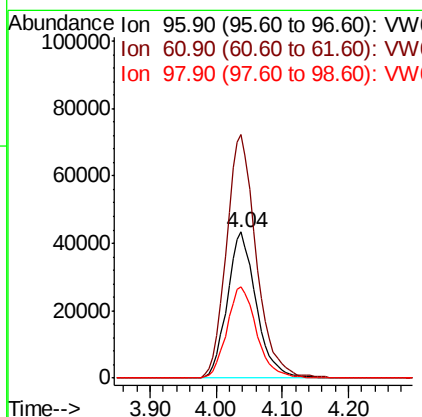
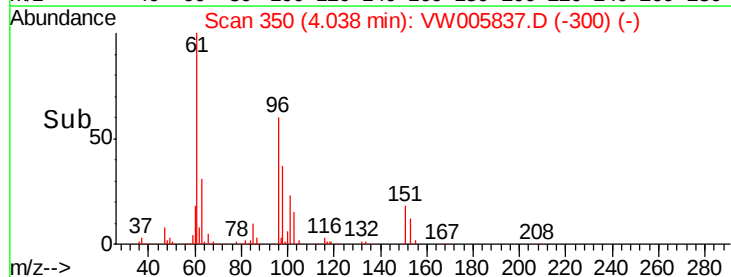
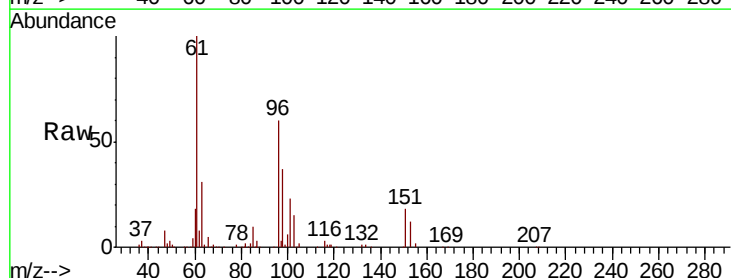
Tgt Ion: 59 Resp: 49199
Ion Ratio Lower Upper
59 100
57 6.5 4.9 7.3

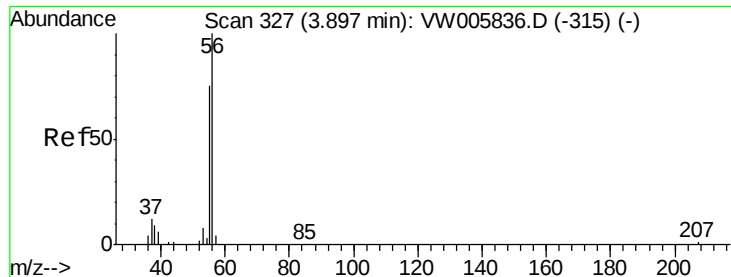


#12

1,1-Dichloroethene
Concen: 74.224 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion: 96 Resp: 131819
Ion Ratio Lower Upper
96 100
61 166.5 138.8 208.2
98 62.2 50.6 75.8





#13

Acrolein

Concen: 536.494 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

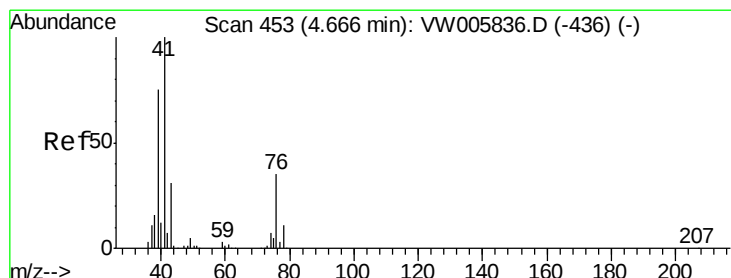
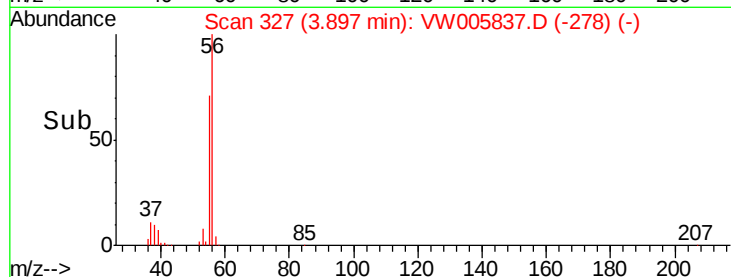
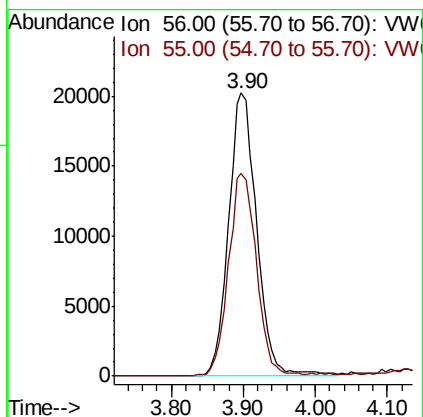
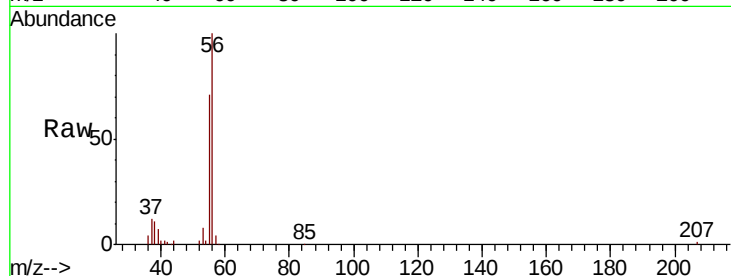
VSTDIC075

Tgt Ion: 56 Resp: 54897

Ion Ratio Lower Upper

56 100

55 71.4 59.2 88.8



#14

Allyl chloride

Concen: 73.663 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

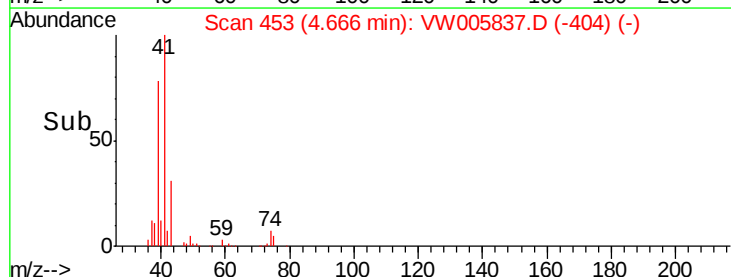
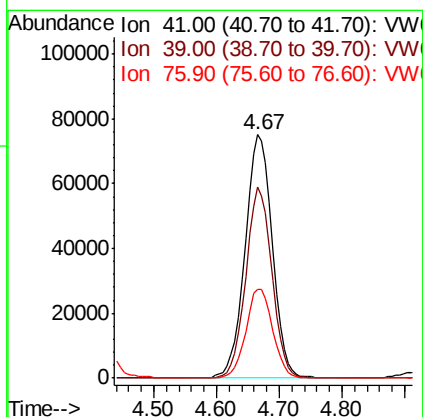
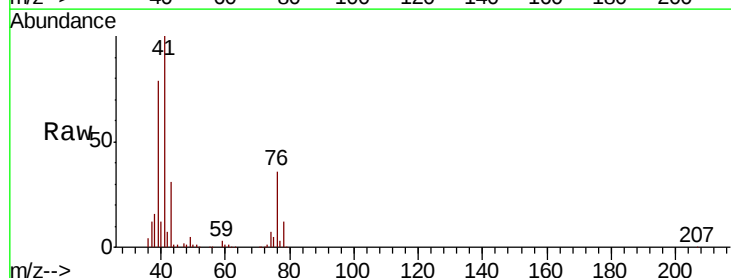
Tgt Ion: 41 Resp: 225290

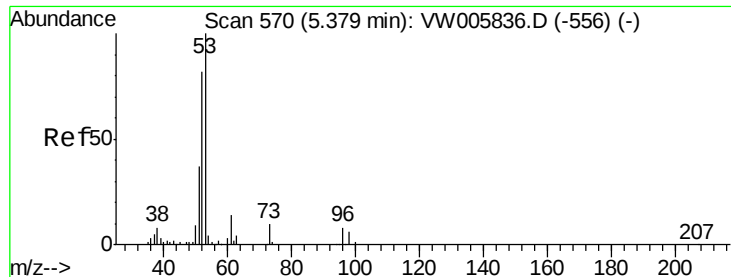
Ion Ratio Lower Upper

41 100

39 75.4 60.3 90.5

76 36.0 28.9 43.3





#15

Acrylonitrile

Concen: 391.592 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

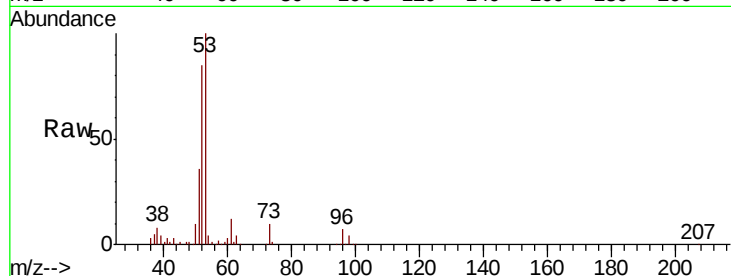
Tgt Ion: 53 Resp: 167833

Ion Ratio Lower Upper

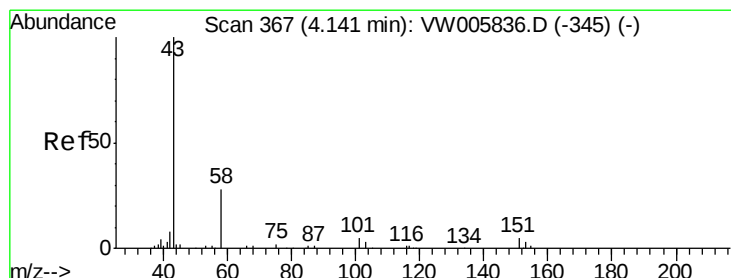
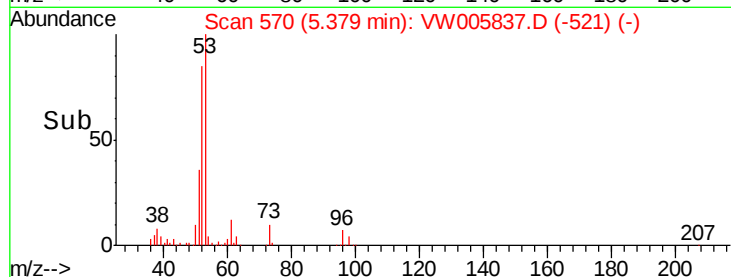
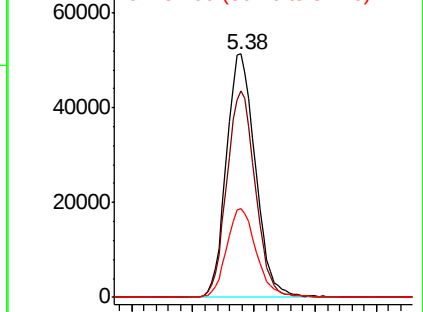
53 100

52 83.3 67.3 100.9

51 37.4 30.2 45.2



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: 342.090 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW005837.D

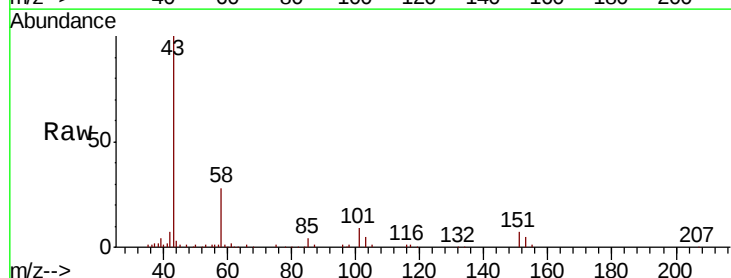
Acq: 04 Oct 2018 04:55

Tgt Ion: 43 Resp: 139552

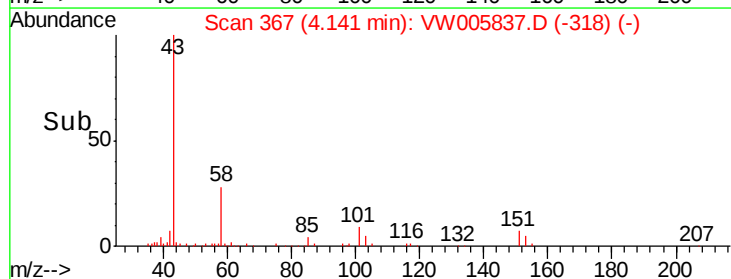
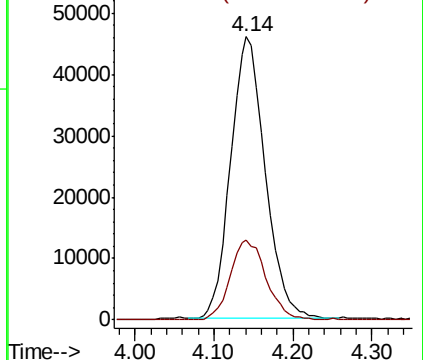
Ion Ratio Lower Upper

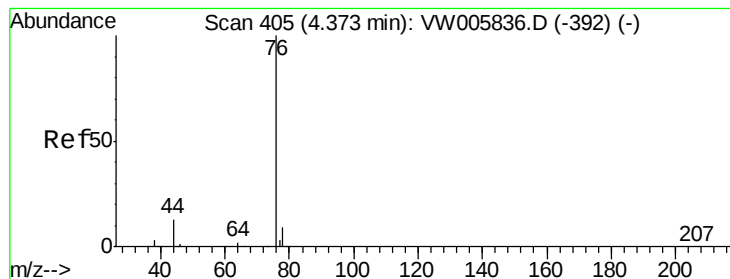
43 100

58 28.4 23.0 34.4



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





#17

Carbon Disulfide

Concen: 77.961 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

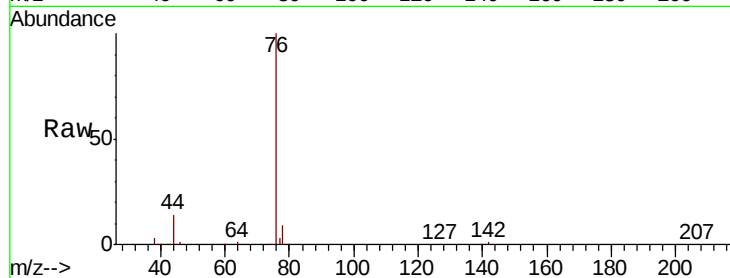
VSTDIC075

Tgt Ion: 76 Resp: 436227

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

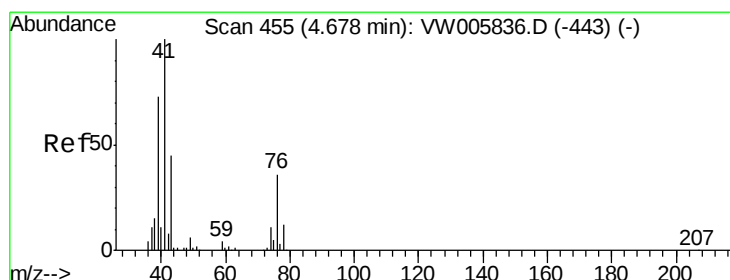
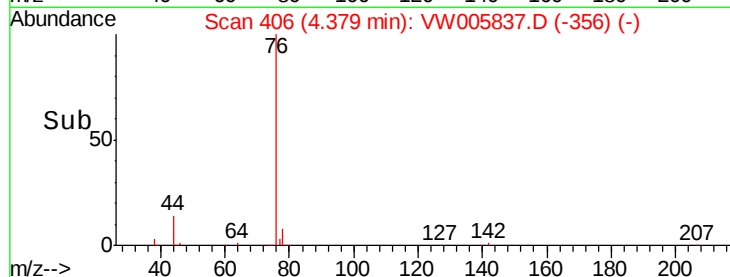
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 77.350 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW005837.D

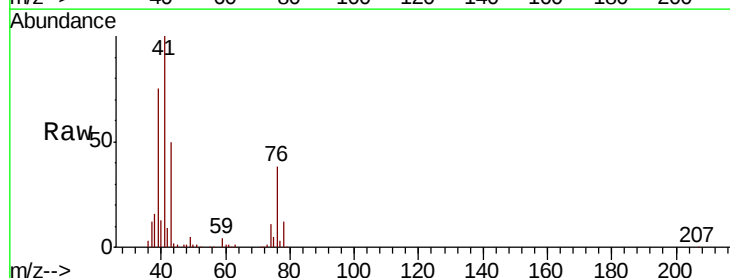
Acq: 04 Oct 2018 04:55

Tgt Ion: 43 Resp: 85024

Ion Ratio Lower Upper

43 100

74 24.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

30000

25000

20000

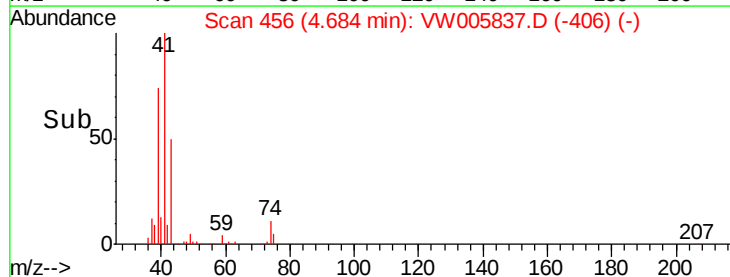
15000

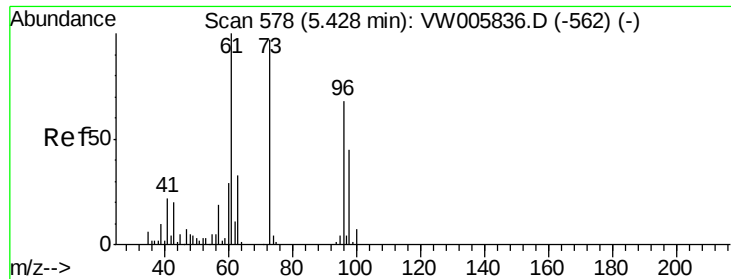
10000

5000

0

Time--> 4.50 4.60 4.70 4.80

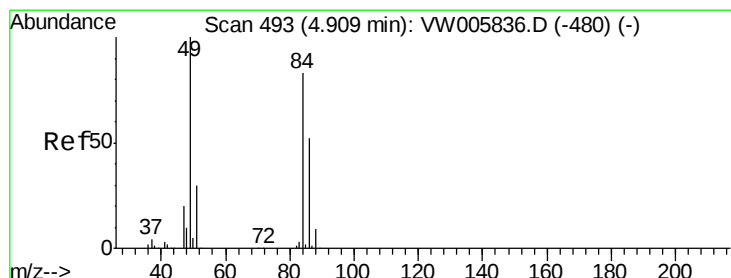
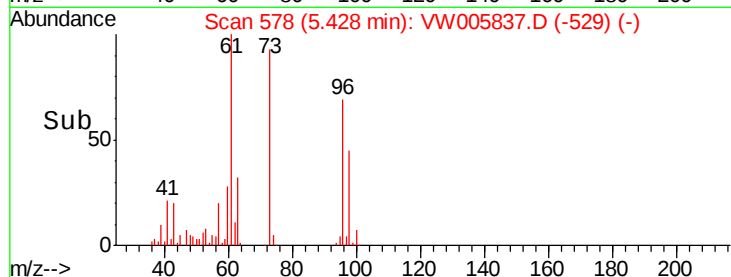
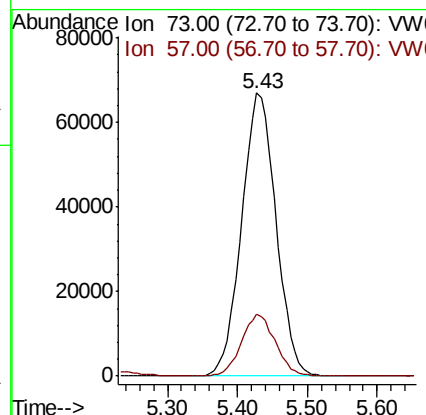
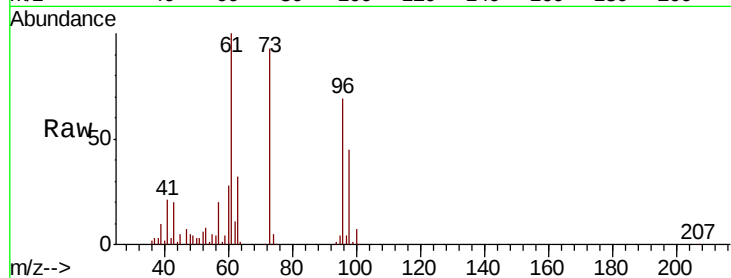




#19
Methyl tert-butyl Ether
Concen: 82.391 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

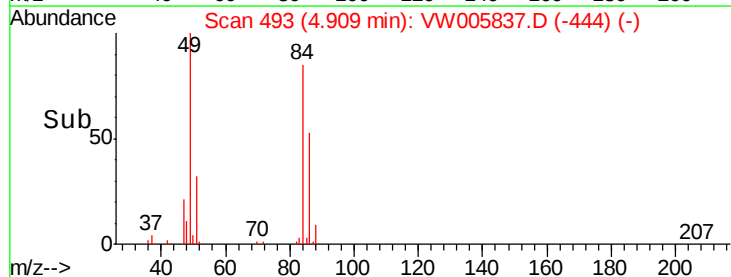
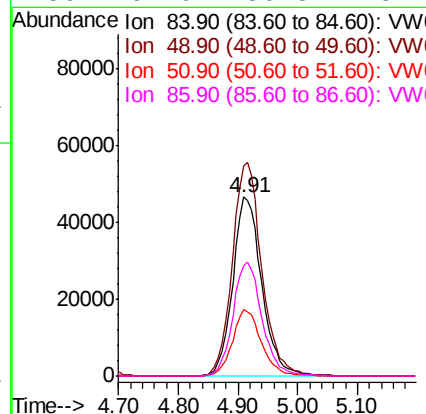
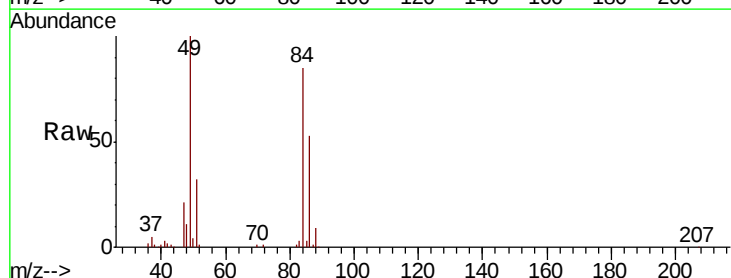
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

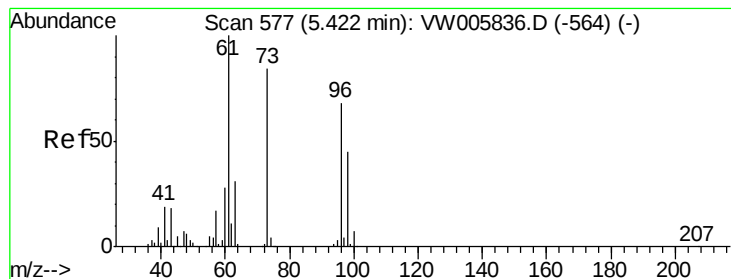
Tgt Ion: 73 Resp: 228486
Ion Ratio Lower Upper
73 100
57 21.8 15.9 23.9



#20
Methylene Chloride
Concen: 68.361 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion: 84 Resp: 157716
Ion Ratio Lower Upper
84 100
49 117.4 96.8 145.2
51 37.5 28.8 43.2
86 61.9 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 77.775 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

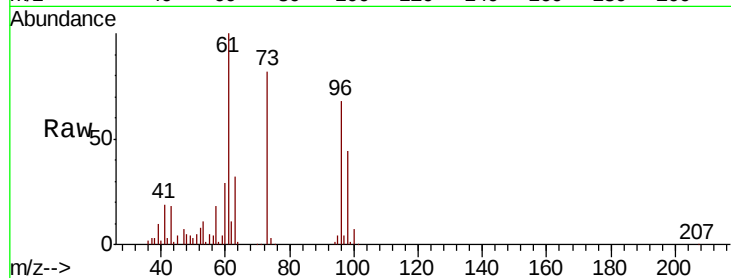
Tgt Ion: 96 Resp: 151263

Ion Ratio Lower Upper

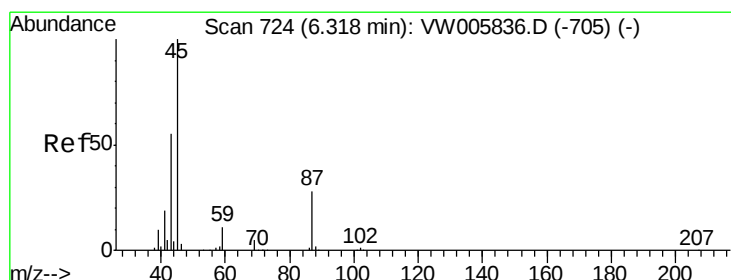
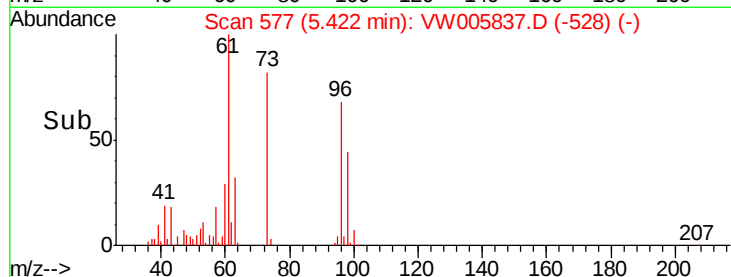
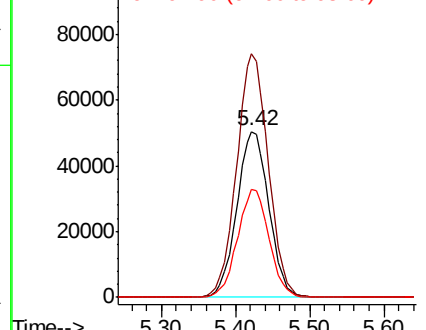
96 100

61 147.0 117.0 175.6

98 64.9 52.2 78.2



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



#22

Diisopropyl ether

Concen: 76.437 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Tgt Ion: 45 Resp: 455403

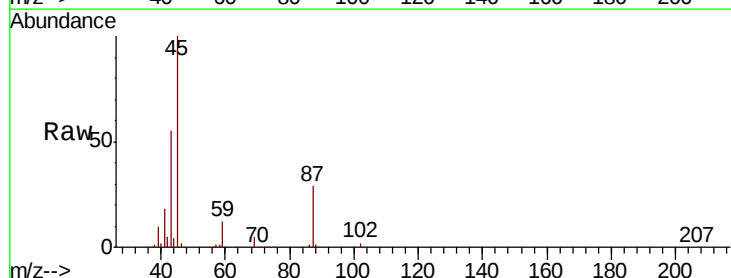
Ion Ratio Lower Upper

45 100

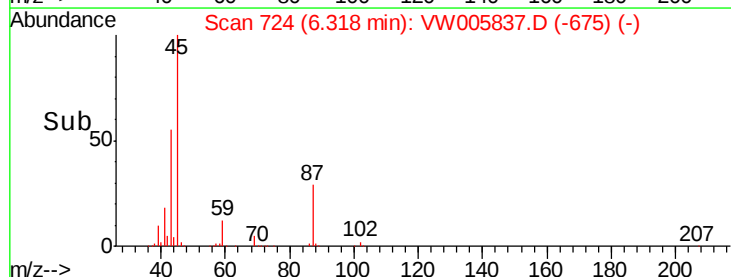
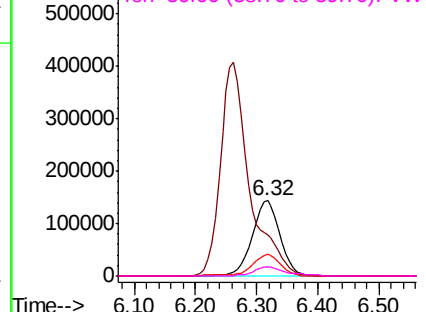
43 55.0 44.6 67.0

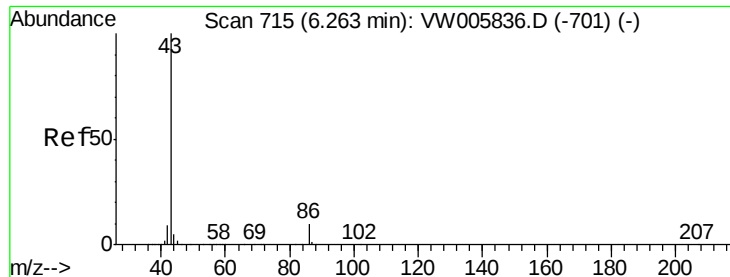
87 28.5 23.4 35.2

59 11.6 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

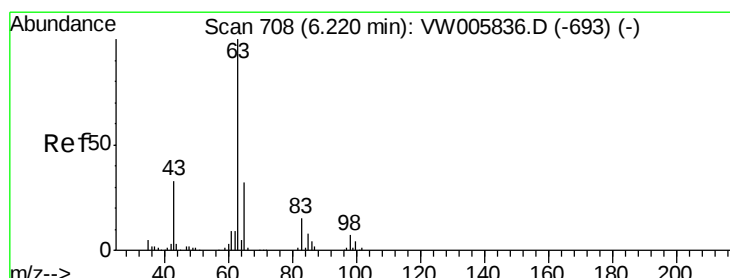
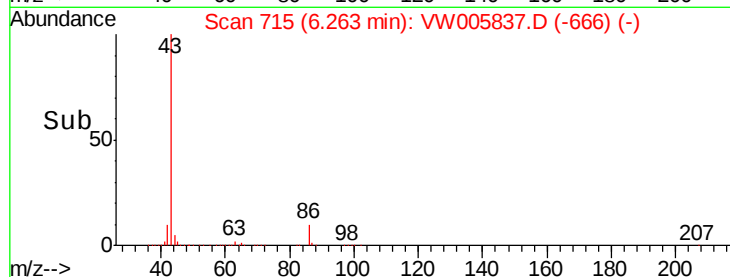
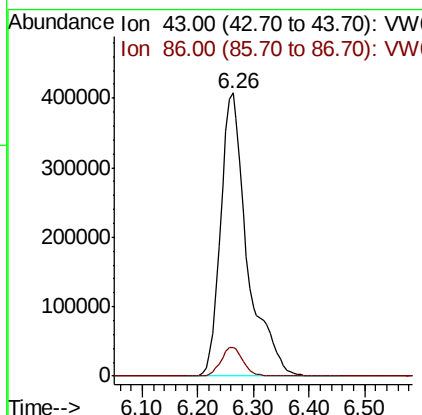
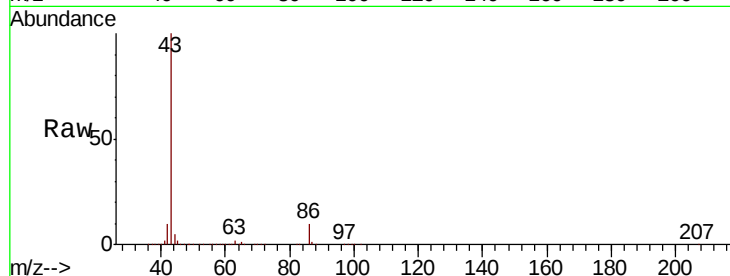




#23
 Vinyl Acetate
 Concen: 394.226 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

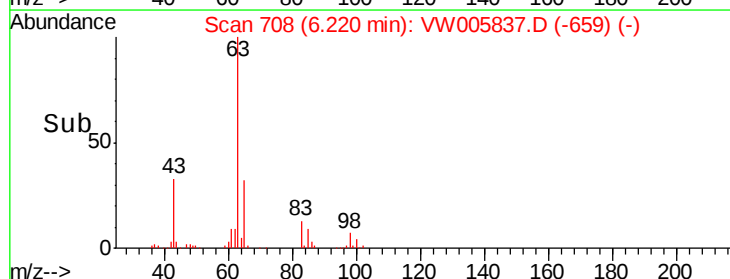
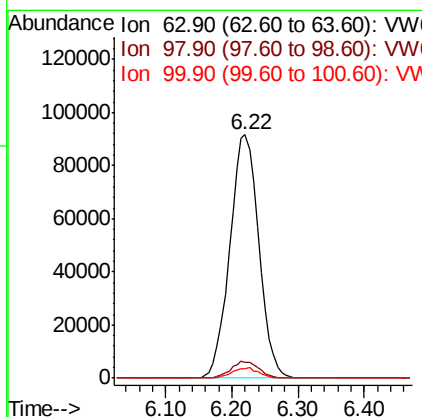
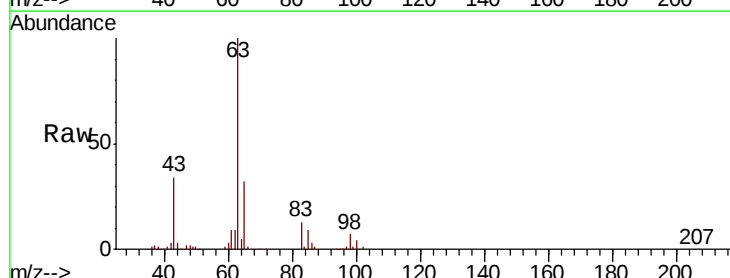
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

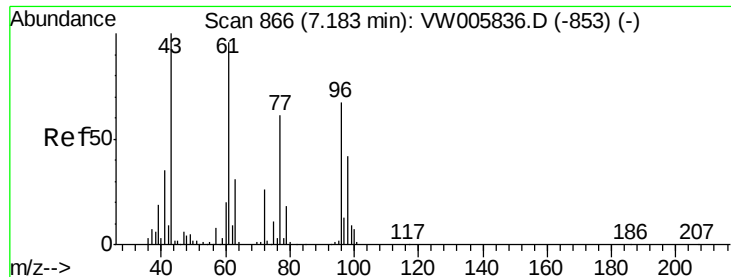
Tgt Ion: 43 Resp: 1349566
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 75.152 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Tgt Ion: 63 Resp: 278023
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 375.067 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampled :

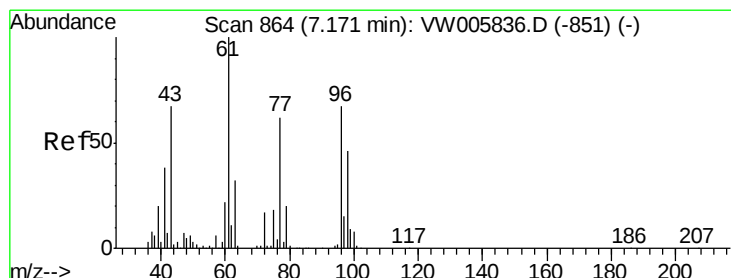
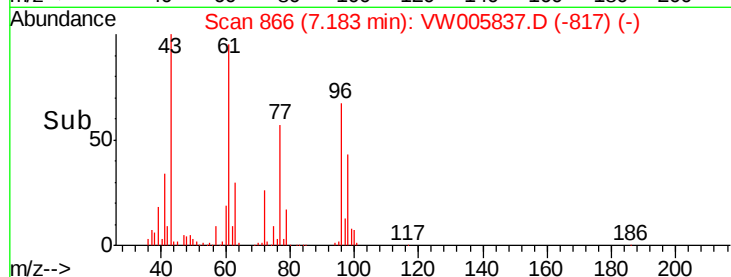
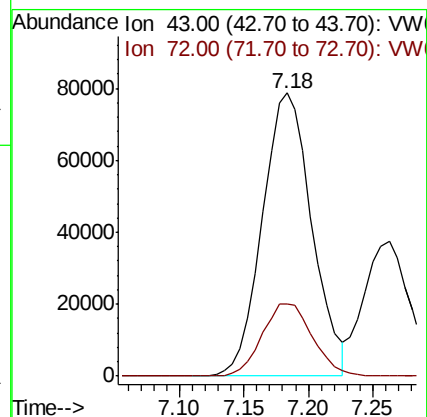
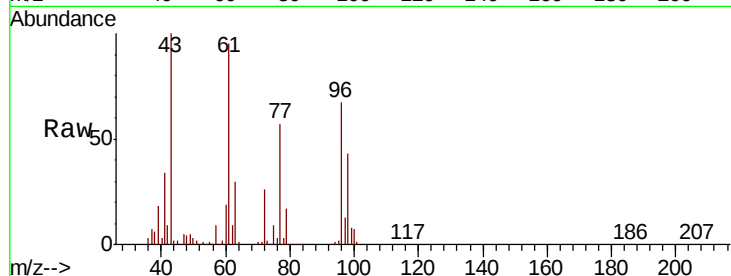
VSTDIC075

Tgt Ion: 43 Resp: 209959

Ion Ratio Lower Upper

43 100

72 25.5 20.9 31.3



#26

2,2-Dichloropropane

Concen: 65.051 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005837.D

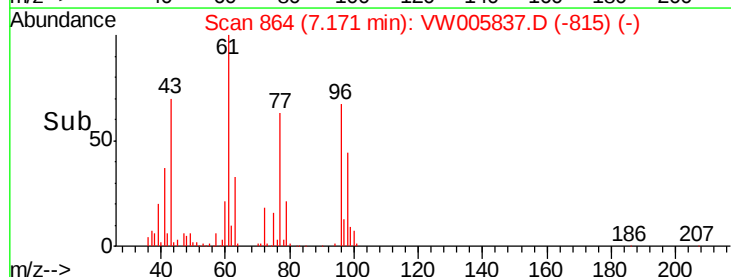
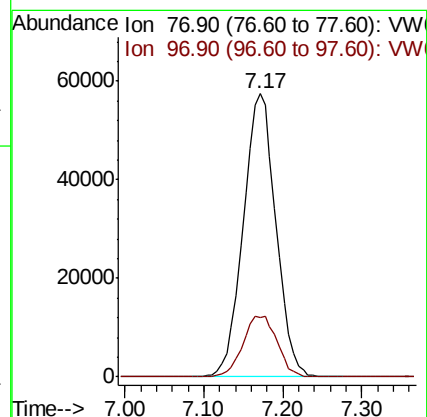
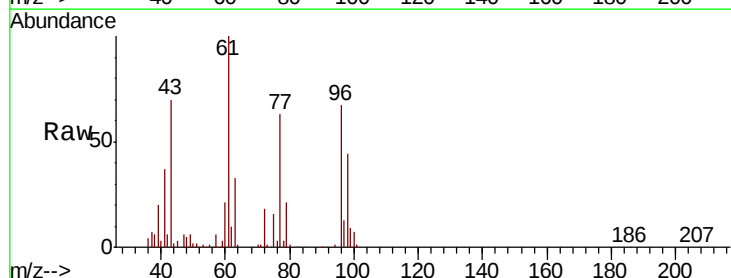
Acq: 04 Oct 2018 04:55

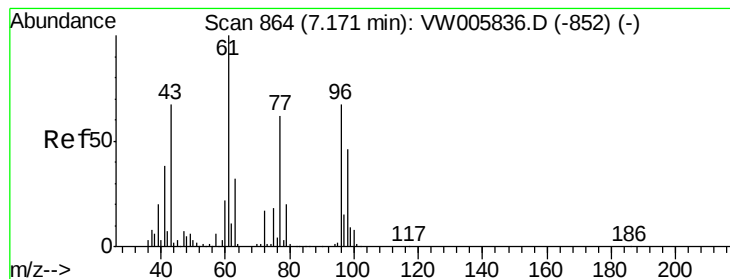
Tgt Ion: 77 Resp: 164745

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 77.095 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

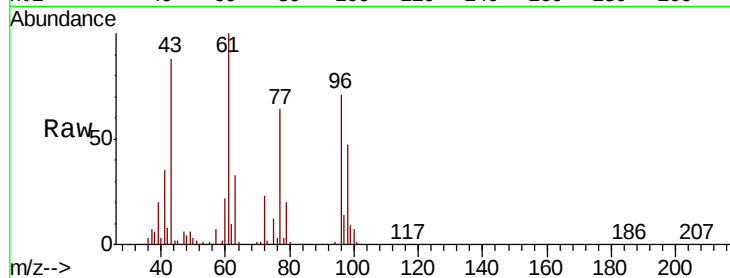
Tgt Ion: 96 Resp: 165004

Ion Ratio Lower Upper

96 100

61 146.1 0.0 296.4

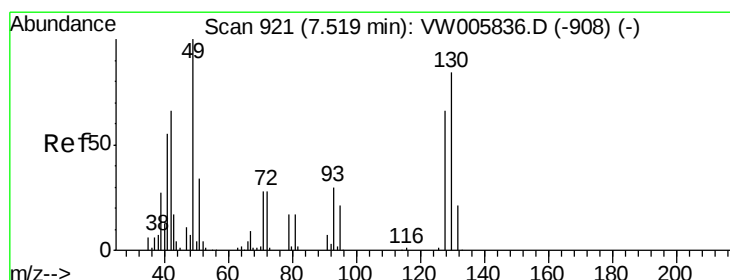
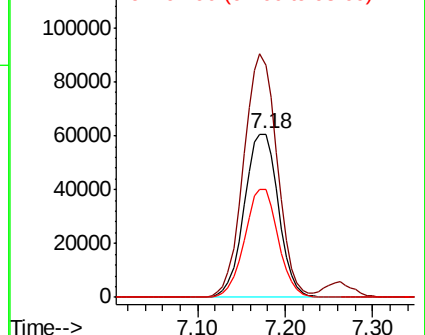
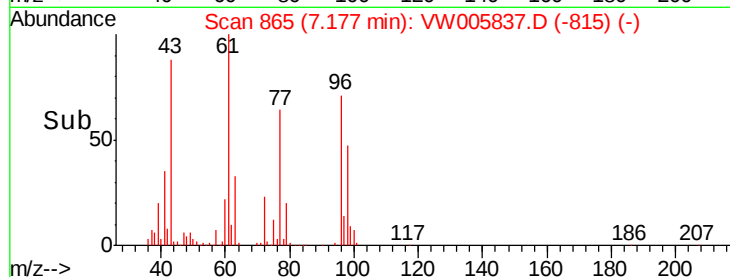
98 64.7 0.0 131.4



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: 64.136 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

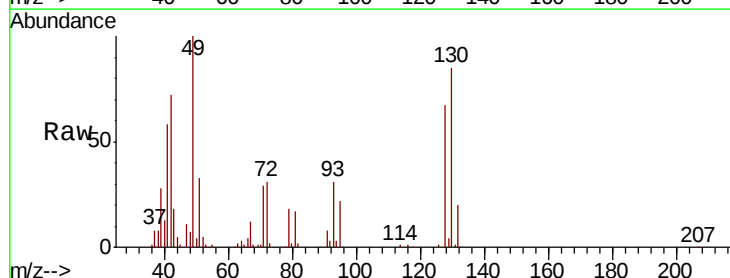
Tgt Ion: 49 Resp: 92252

Ion Ratio Lower Upper

49 100

129 1.4 0.0 2.2

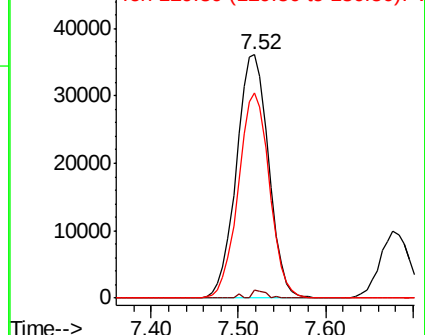
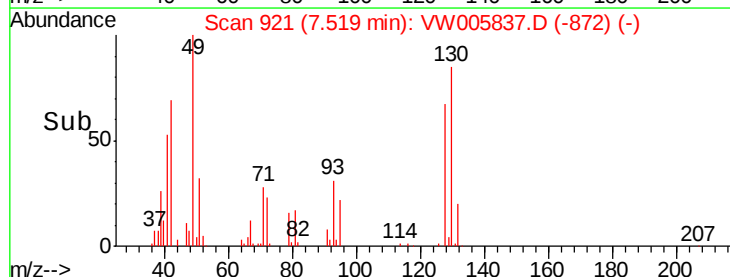
130 81.9 66.4 99.6

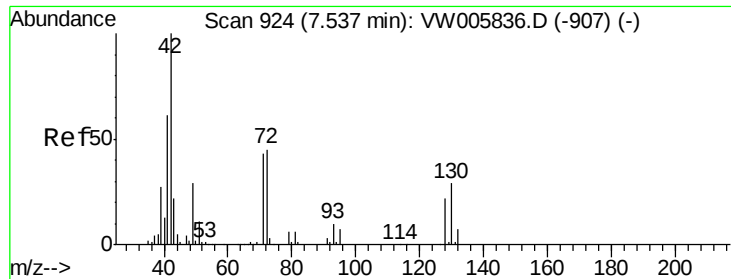


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

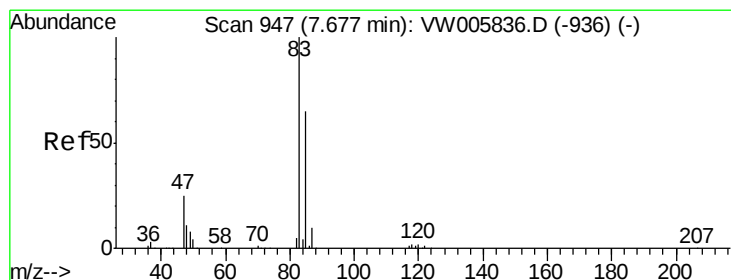
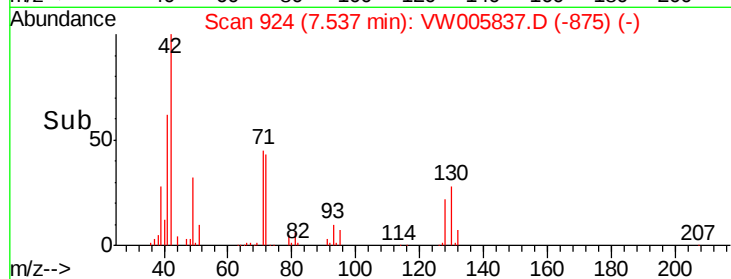
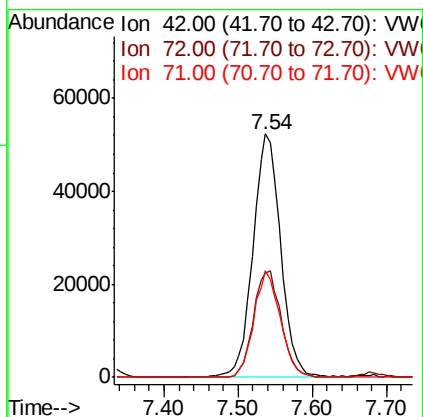
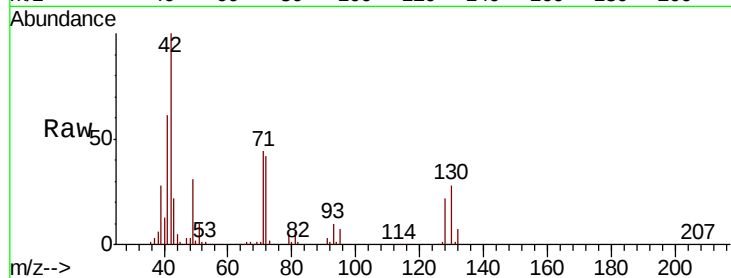




#29
Tetrahydrofuran
Concen: 390.666 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

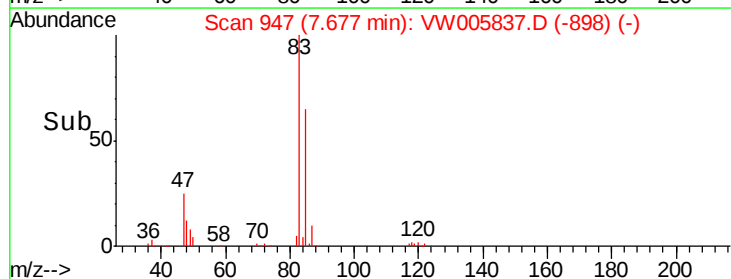
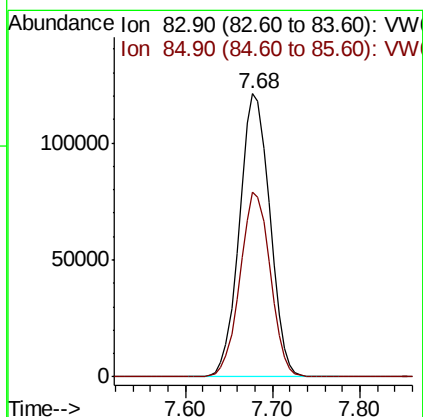
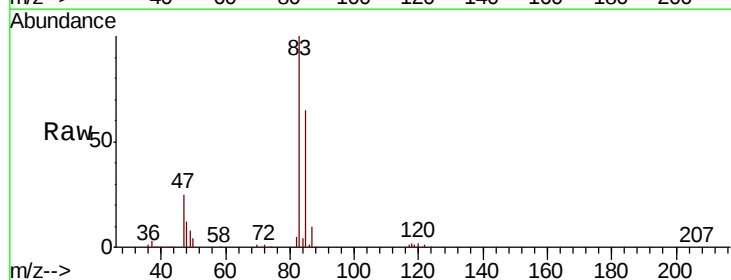
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

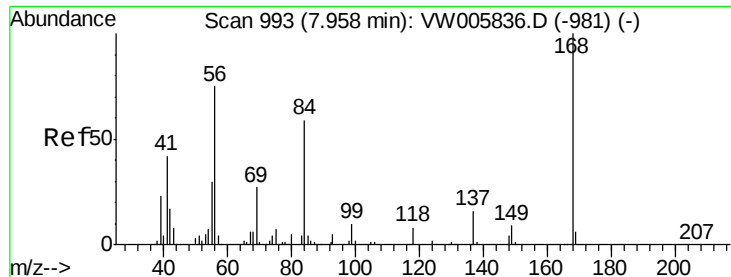
Tgt Ion: 42 Resp: 136910
Ion Ratio Lower Upper
42 100
72 43.6 34.6 51.8
71 41.9 33.6 50.4



#30
Chloroform
Concen: 76.428 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion: 83 Resp: 293212
Ion Ratio Lower Upper
83 100
85 65.1 51.6 77.4

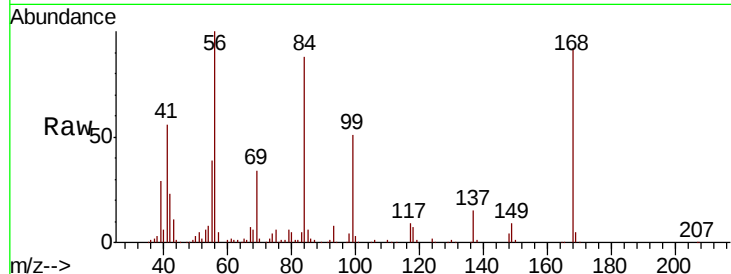




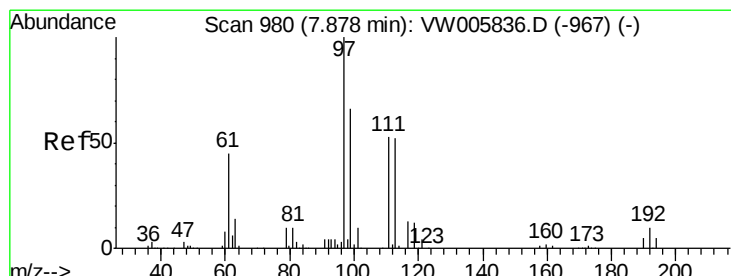
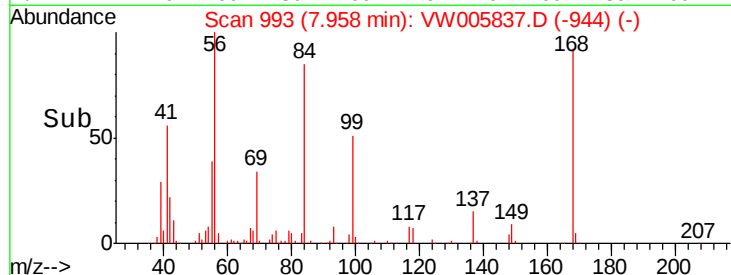
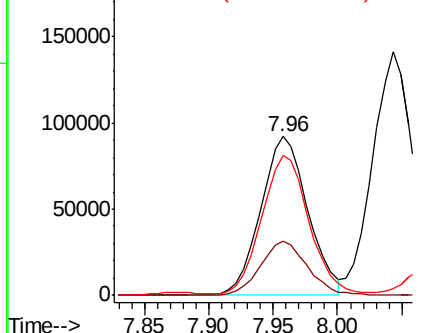
#31
Cyclohexane
Concen: 66.473 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion: 56 Resp: 233291
Ion Ratio Lower Upper
56 100
69 34.0 29.0 43.4
84 86.3 63.5 95.3

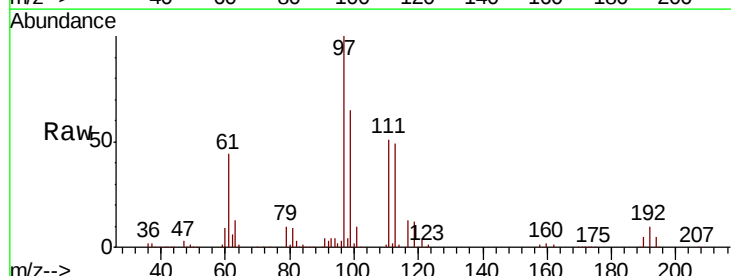


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

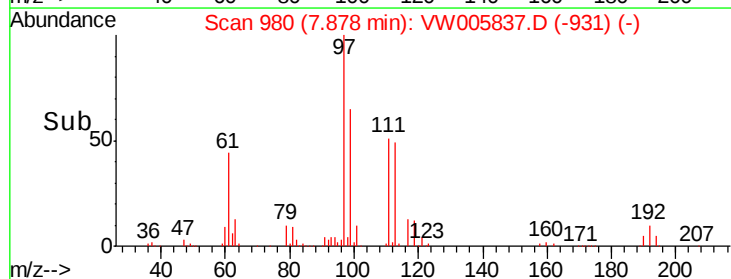
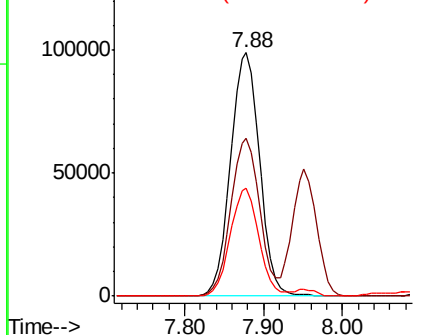


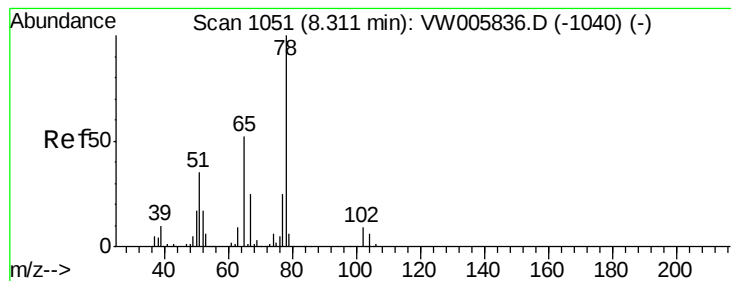
#32
1,1,1-Trichloroethane
Concen: 75.141 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion: 97 Resp: 253305
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 43.6 35.5 53.3



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





#33

1,2-Dichloroethane-d4

Concen: 75.983 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

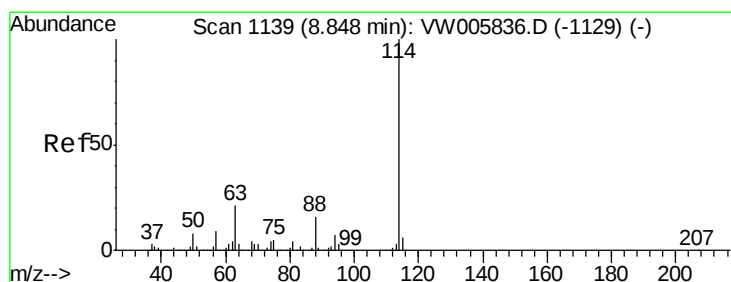
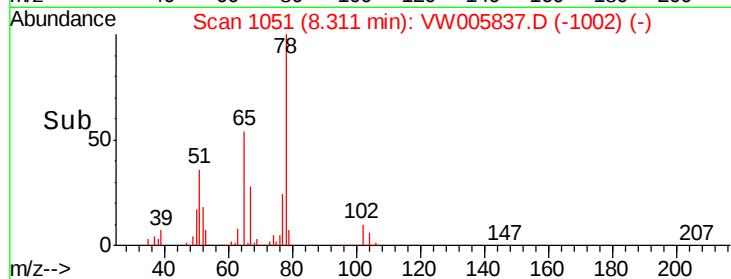
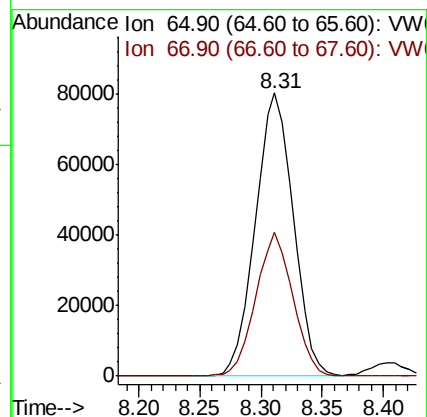
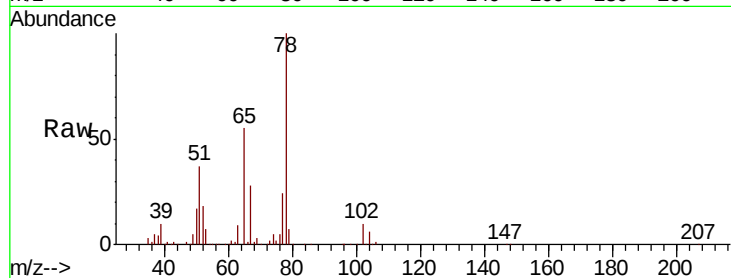
VSTDIC075

Tgt Ion: 65 Resp: 173385

Ion Ratio Lower Upper

65 100

67 49.8 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

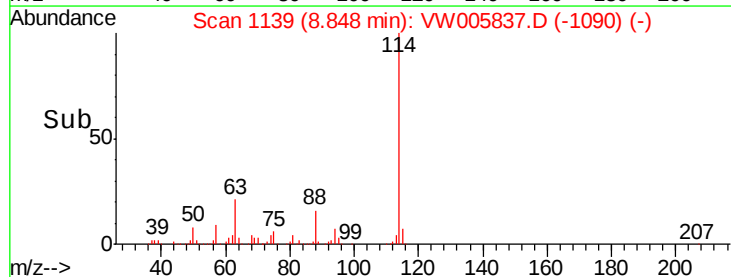
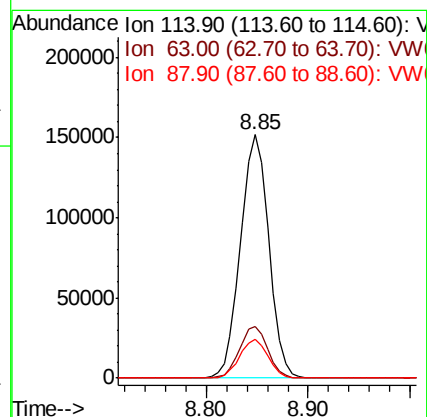
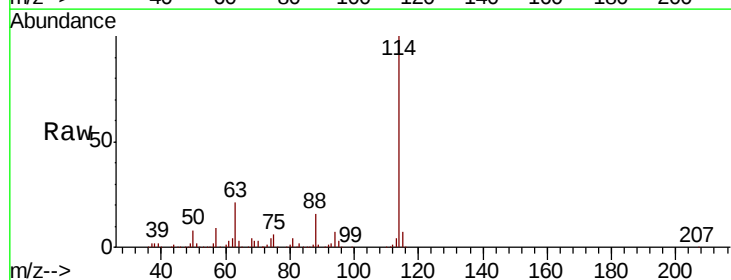
Tgt Ion: 114 Resp: 291379

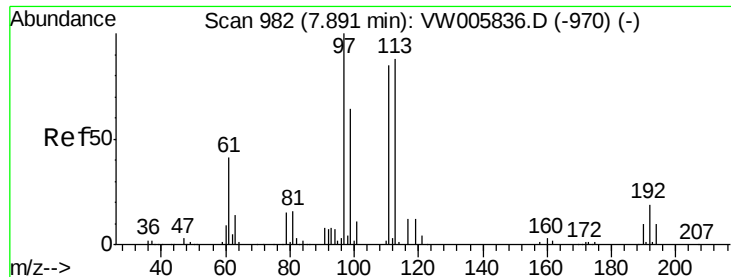
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.0

88 15.9 0.0 31.2

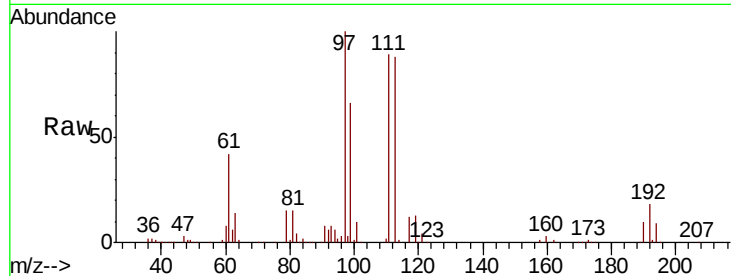




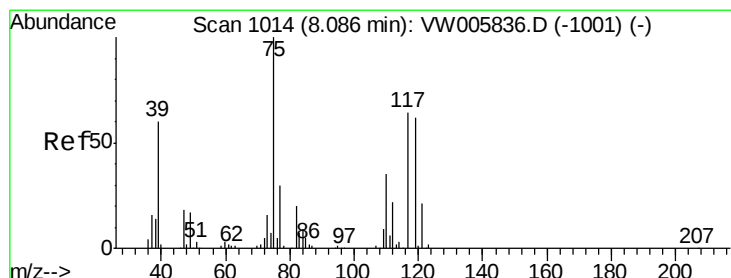
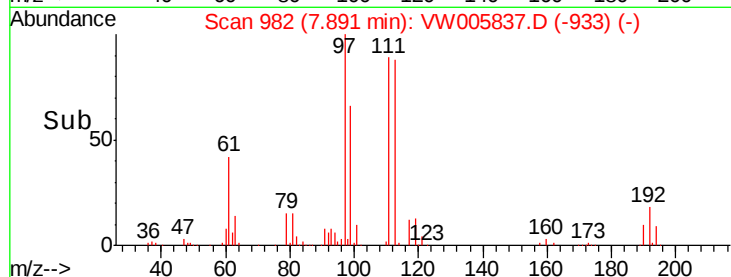
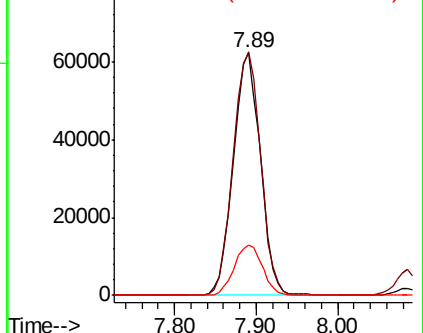
#35
 Dibromofluoromethane
 Concen: 77.044 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 113 Resp: 142184
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.2
 192 21.5 17.3 25.9

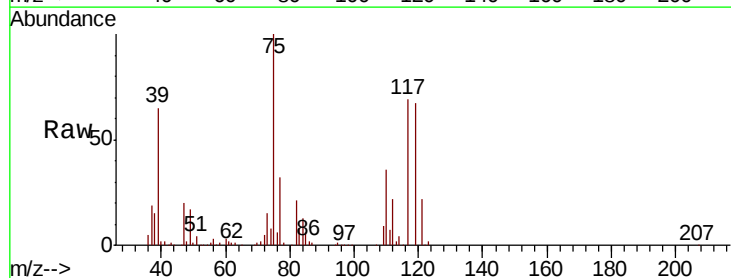


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

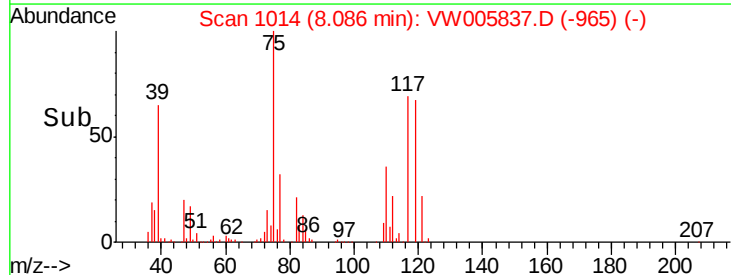
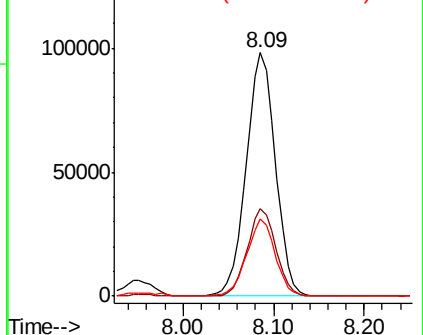


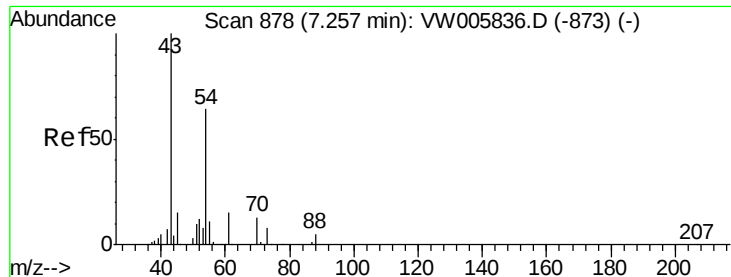
#36
 1,1-Dichloropropene
 Concen: 74.077 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Tgt Ion: 75 Resp: 218797
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.5 52.6
 77 30.8 24.8 37.2



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

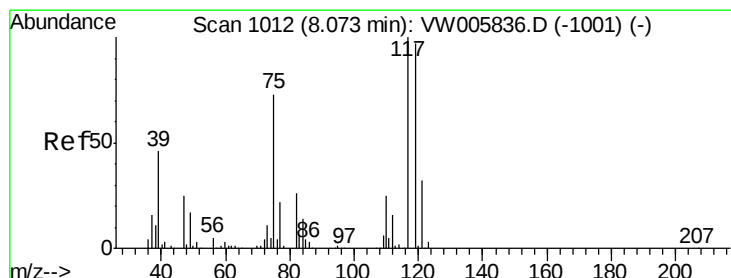
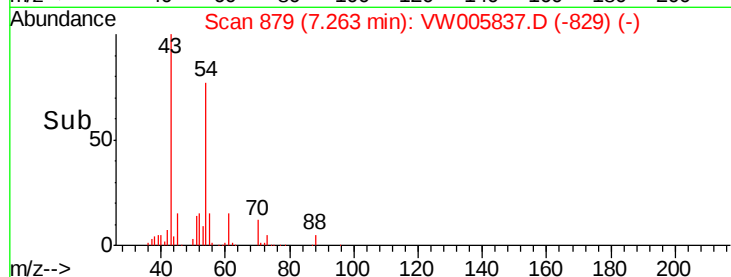
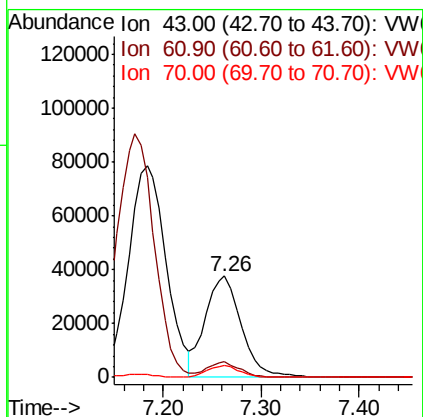
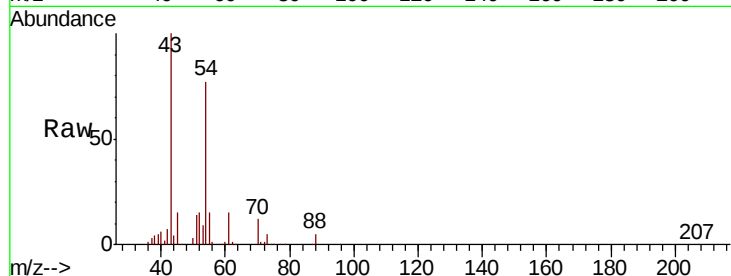




#37
Ethyl Acetate
Concen: 76.341 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

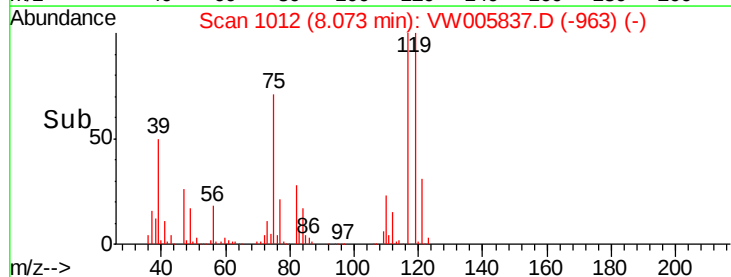
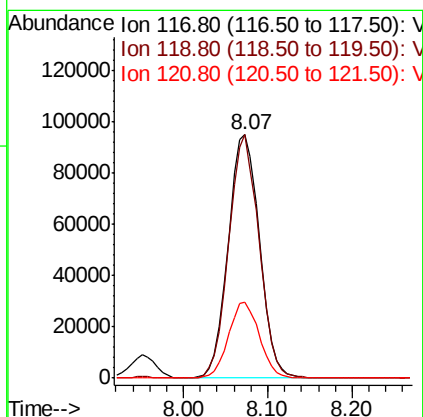
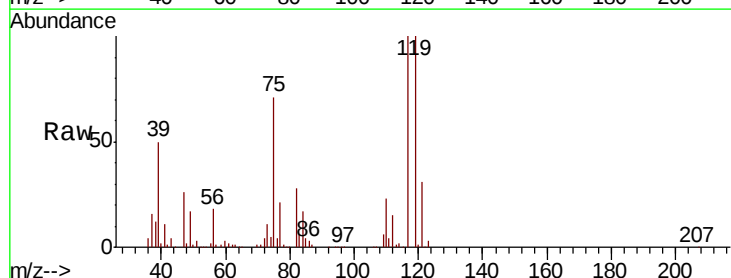
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

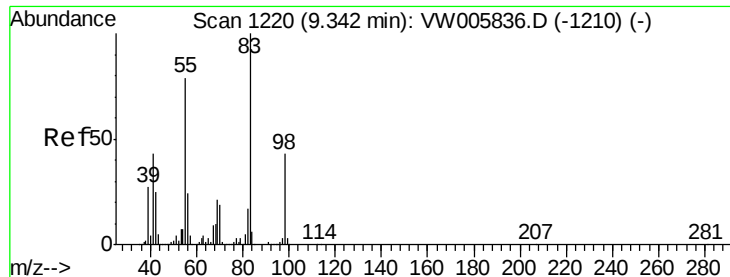
Tgt Ion: 43 Resp: 95561
Ion Ratio Lower Upper
43 100
61 13.7 11.2 16.8
70 11.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 75.437 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion: 117 Resp: 239028
Ion Ratio Lower Upper
117 100
119 99.9 77.9 116.9
121 31.3 25.2 37.8

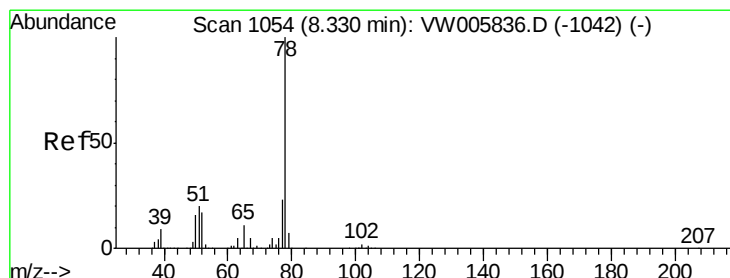
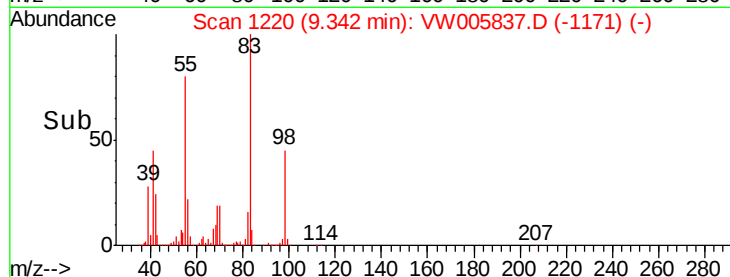
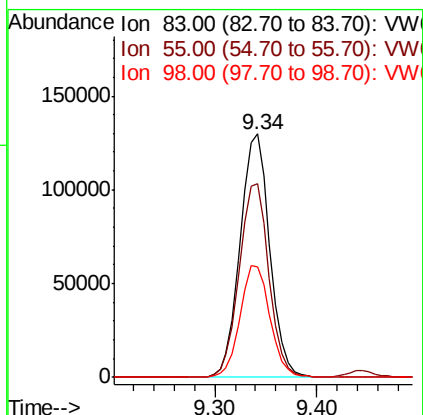
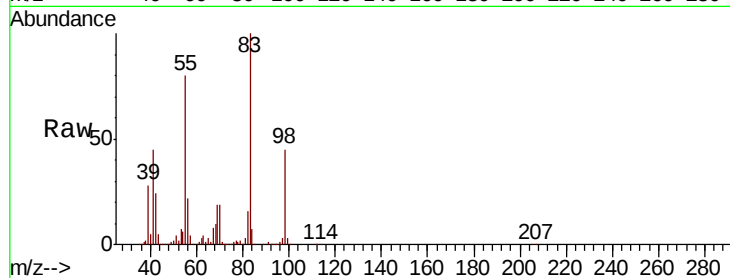




#39
Methylcyclohexane
Concen: 75.561 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

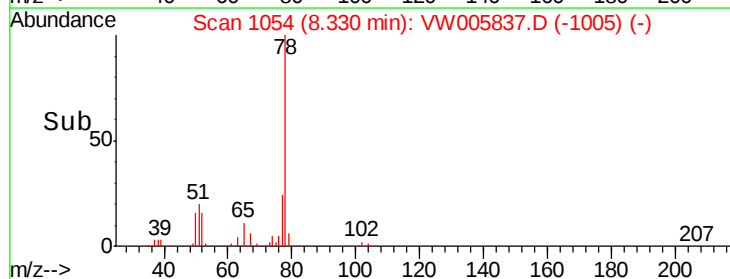
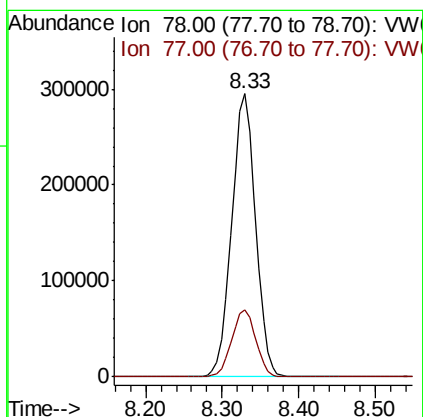
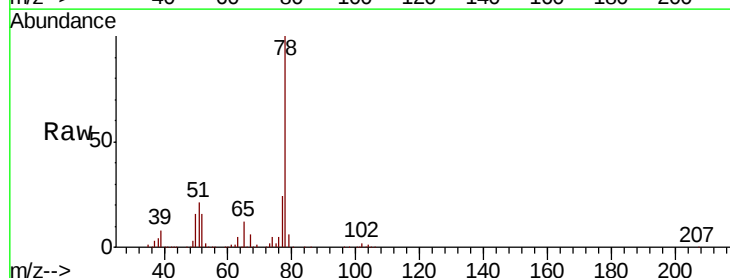
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

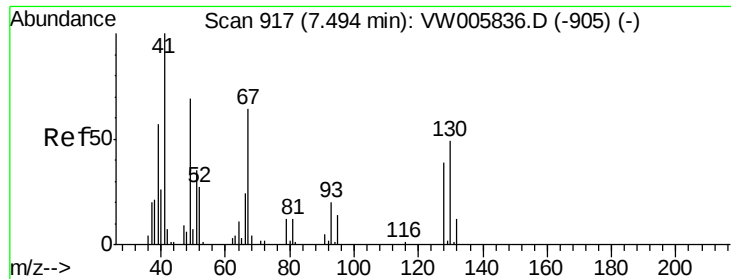
Tgt Ion: 83 Resp: 262399
Ion Ratio Lower Upper
83 100
55 79.7 63.0 94.4
98 45.3 34.5 51.7



#40
Benzene
Concen: 75.654 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion: 78 Resp: 635314
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

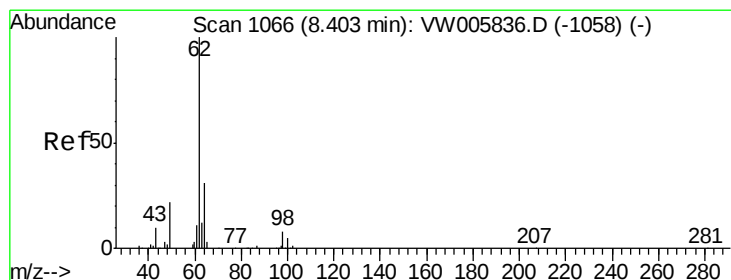
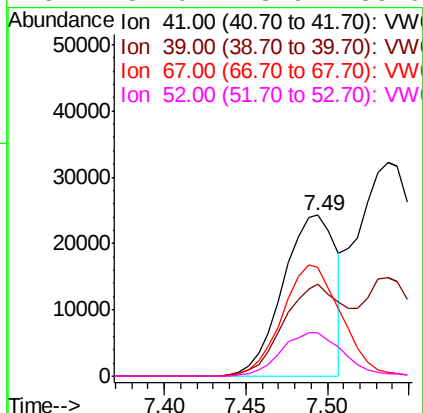
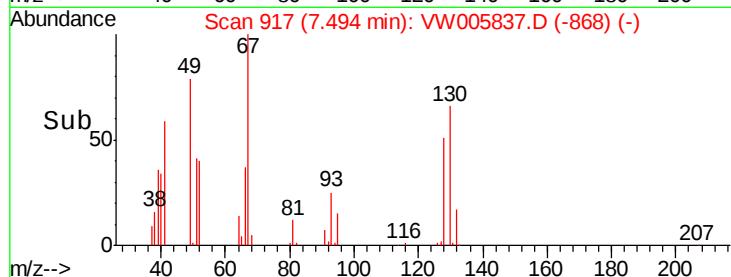
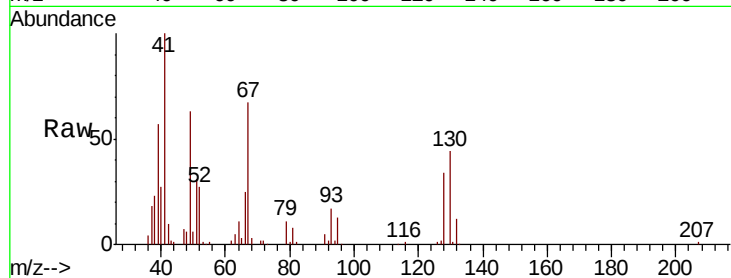




#41
Methacrylonitrile
Concen: 75.861 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

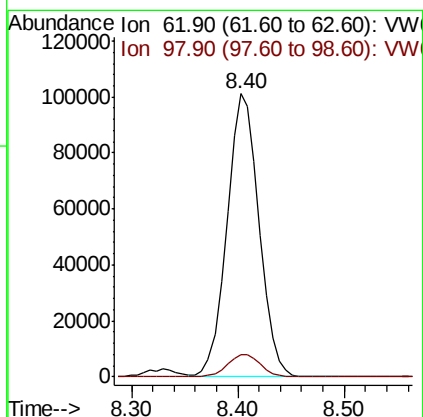
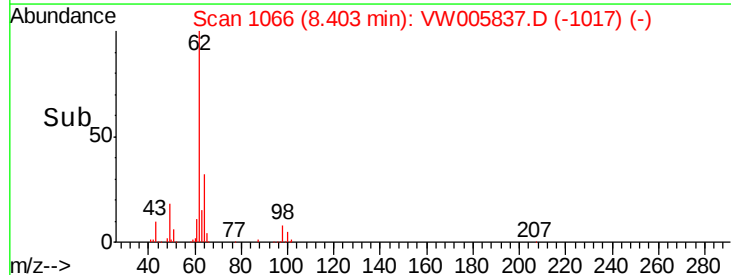
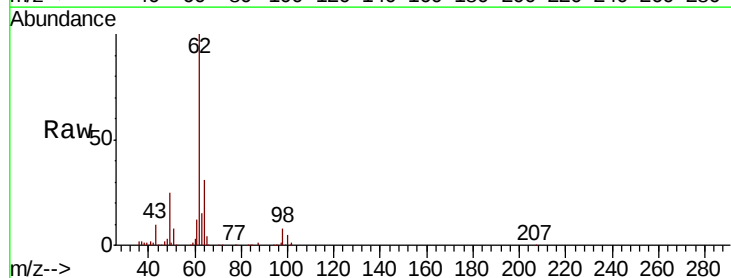
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

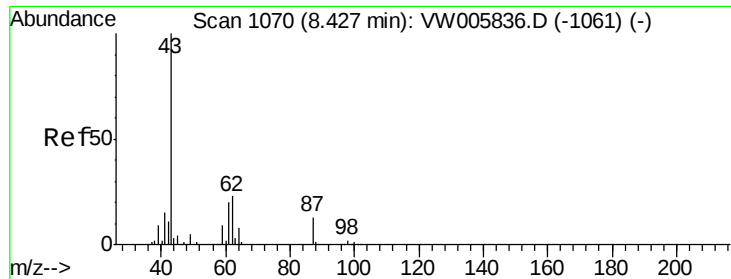
Tgt Ion: 41 Resp: 54926
Ion Ratio Lower Upper
41 100
39 70.7 45.6 68.4#
67 76.8 53.6 80.4
52 32.0 23.9 35.9



#42
1,2-Dichloroethane
Concen: 78.227 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion: 62 Resp: 212828
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.2





#43

Isopropyl Acetate

Concen: 76.820 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

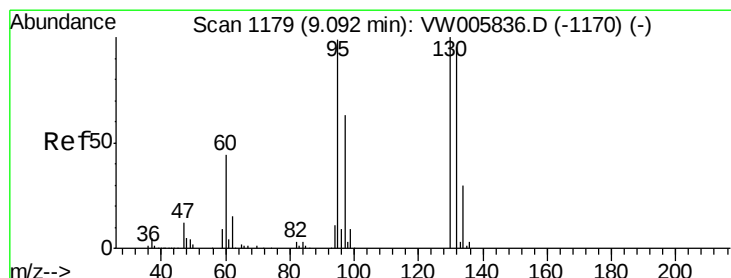
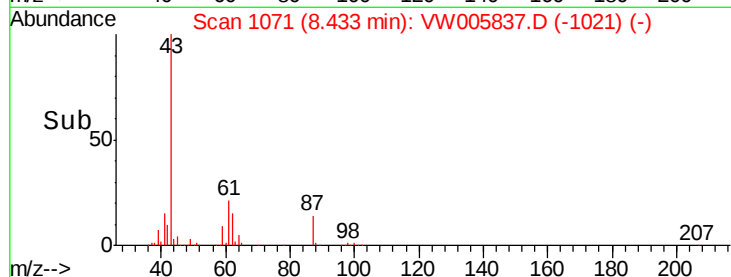
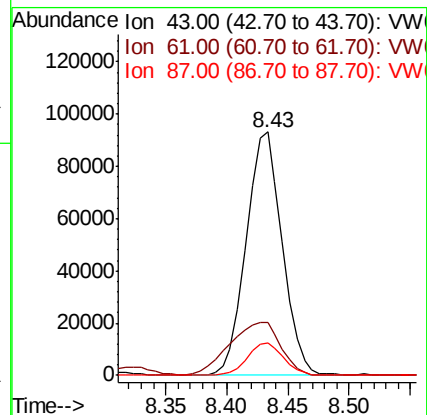
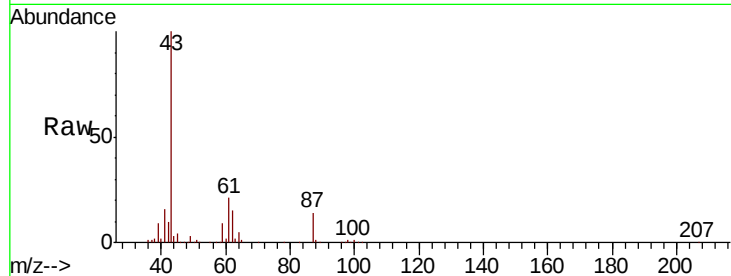
Tgt Ion: 43 Resp: 190089

Ion Ratio Lower Upper

43 100

61 31.0 24.1 36.1

87 13.3 10.6 16.0



#44

Trichloroethene

Concen: 75.770 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW005837.D

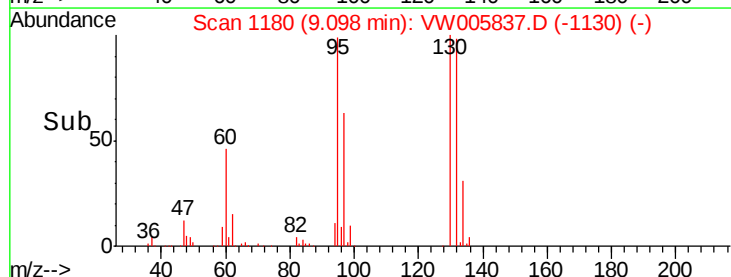
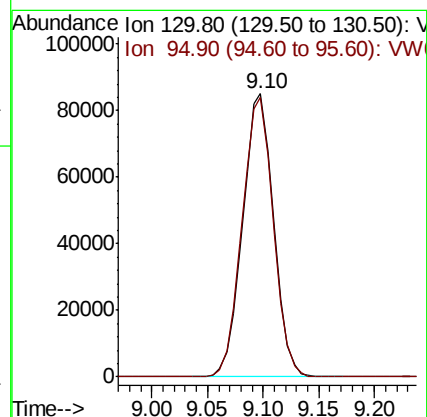
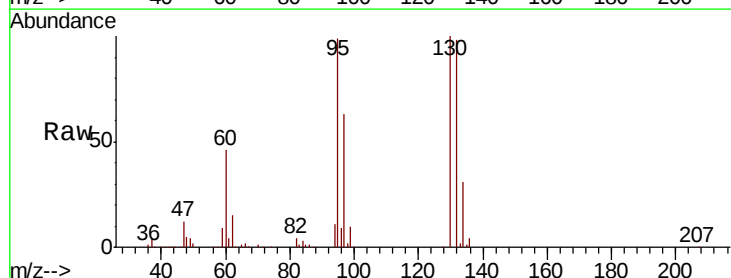
Acq: 04 Oct 2018 04:55

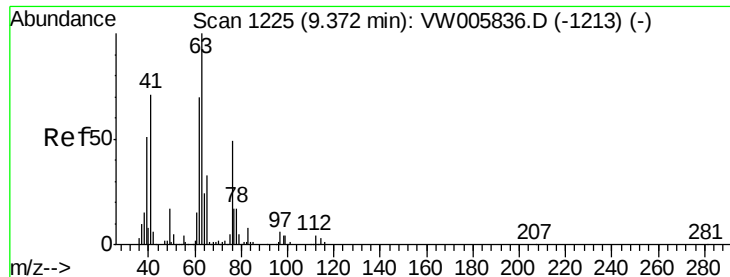
Tgt Ion: 130 Resp: 163418

Ion Ratio Lower Upper

130 100

95 98.8 0.0 197.6

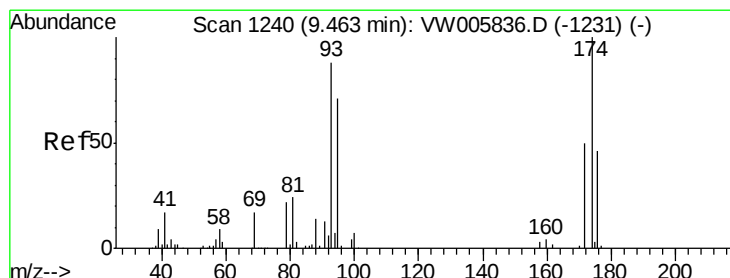
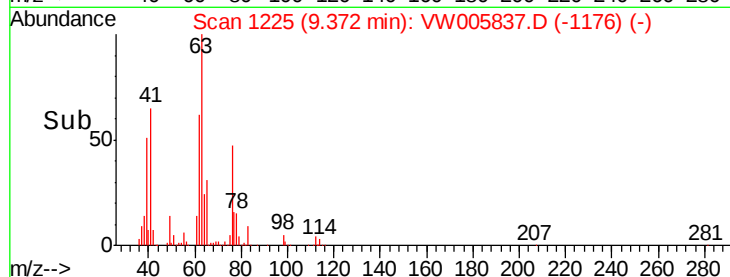
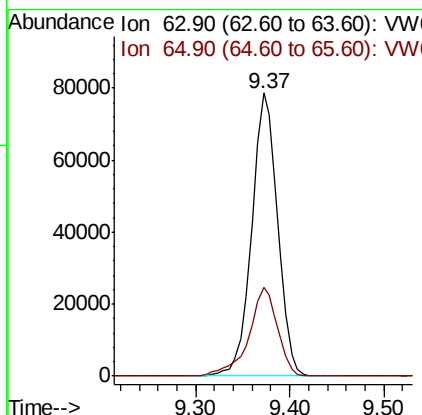
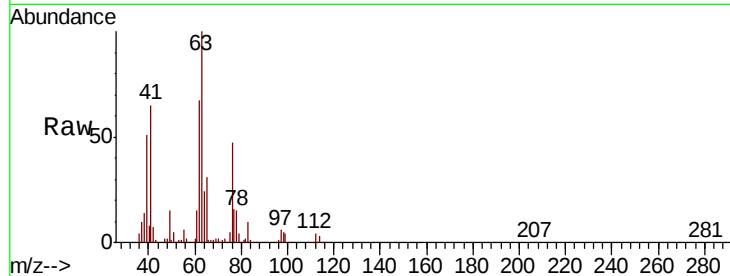




#45
 1,2-Dichloropropane
 Concen: 74.567 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

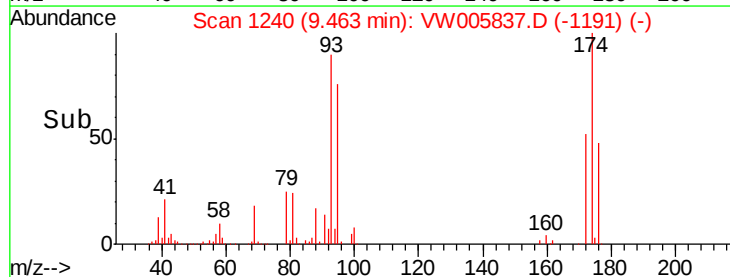
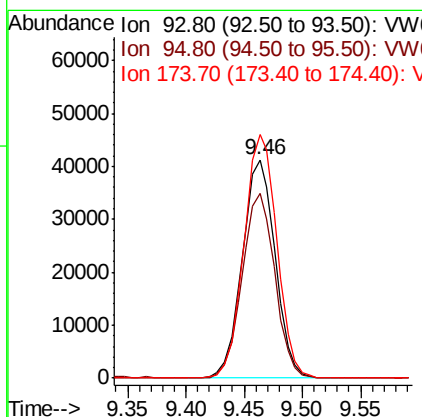
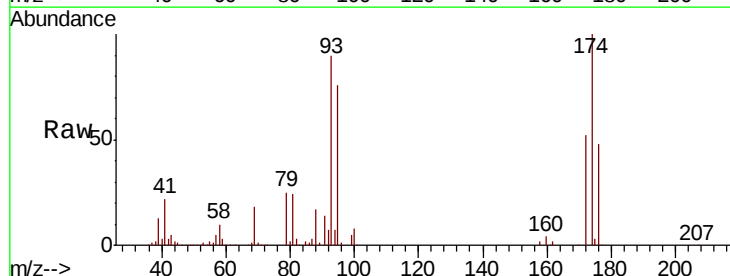
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

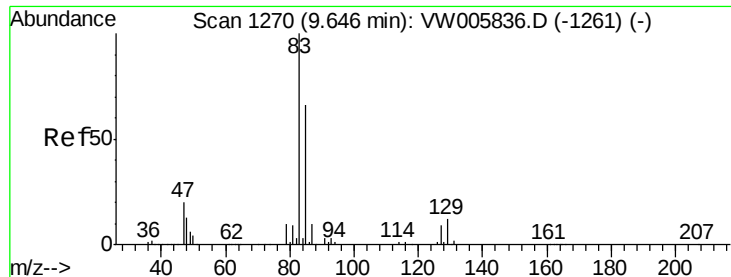
Tgt Ion: 63 Resp: 152529
 Ion Ratio Lower Upper
 63 100
 65 31.4 26.1 39.1



#46
 Dibromomethane
 Concen: 77.987 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Tgt Ion: 93 Resp: 81358
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.9 98.9
 174 111.6 88.4 132.6

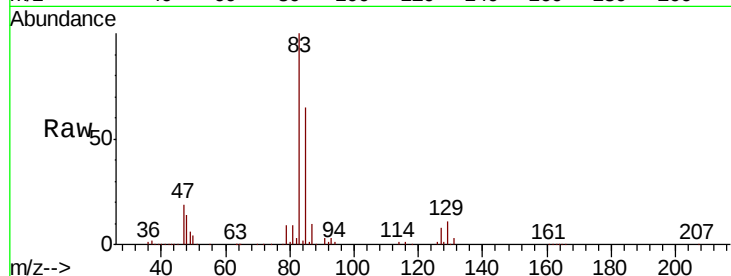




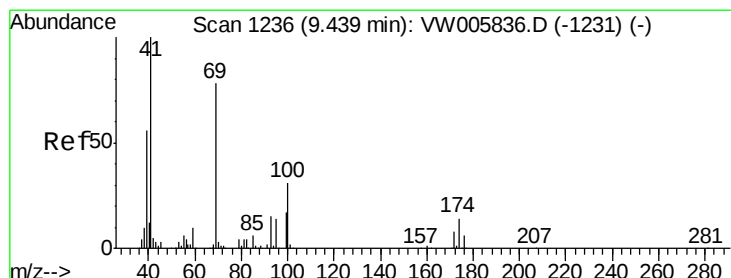
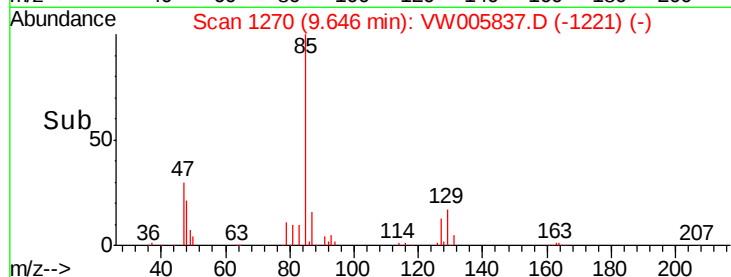
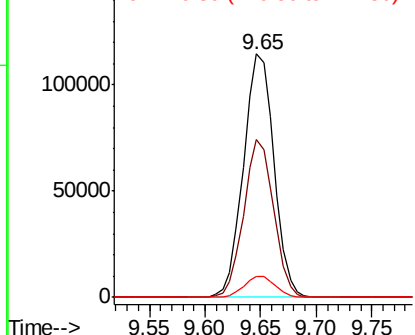
#47
 Bromodichloromethane
 Concen: 78.595 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tgt Ion: 83 Resp: 218501
 Ion Ratio Lower Upper
 83 100
 85 65.0 52.6 78.8
 127 8.4 7.4 11.0

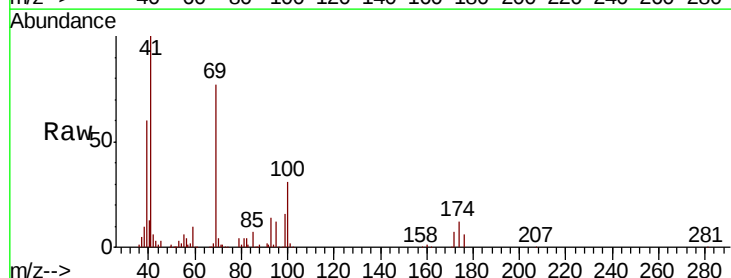


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50): VW

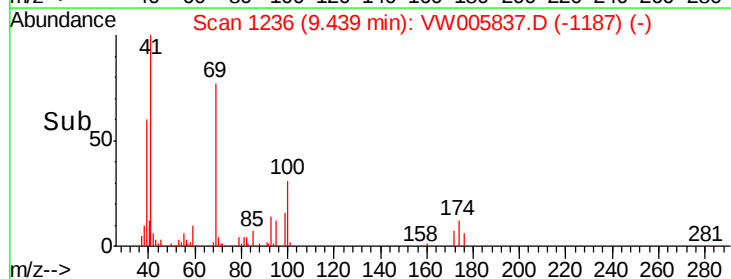
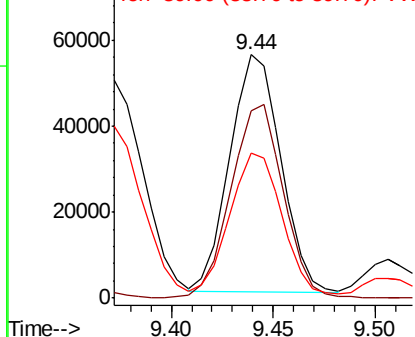


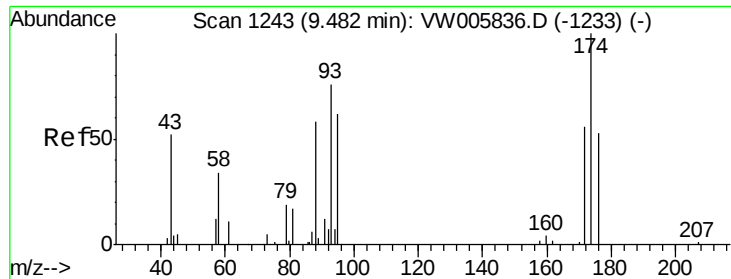
#48
 Methyl methacrylate
 Concen: 81.805 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Tgt Ion: 41 Resp: 96274
 Ion Ratio Lower Upper
 41 100
 69 83.8 66.4 99.6
 39 63.7 50.1 75.1



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: 1656.449 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

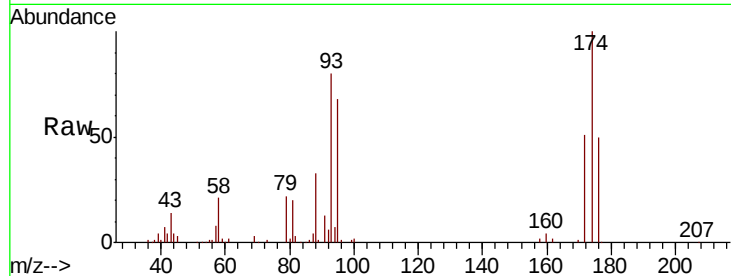
Tgt Ion: 88 Resp: 27582

Ion Ratio Lower Upper

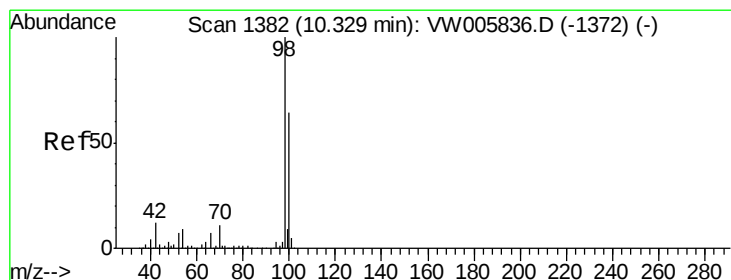
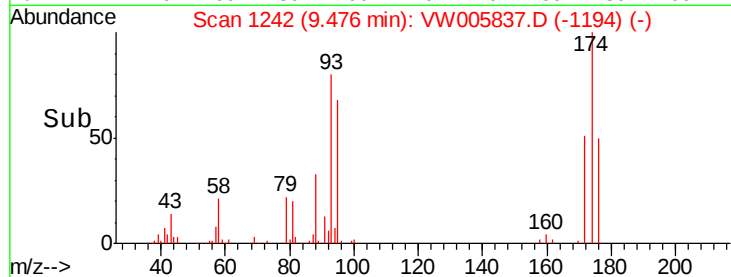
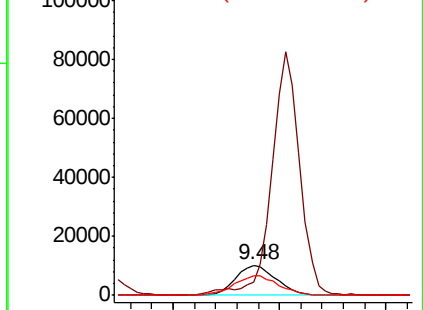
88 100

43 0.0 0.0 0.0

58 71.0 58.1 87.1



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



#50

Toluene-d8

Concen: 76.269 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005837.D

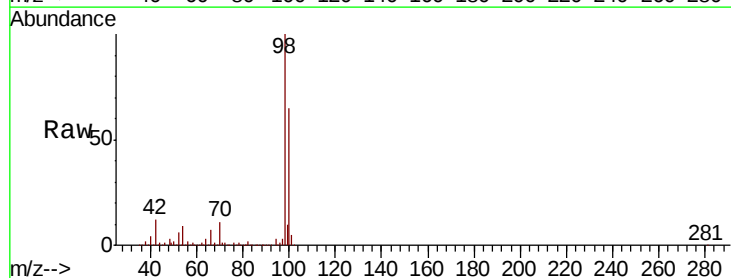
Acq: 04 Oct 2018 04:55

Tgt Ion: 98 Resp: 569900

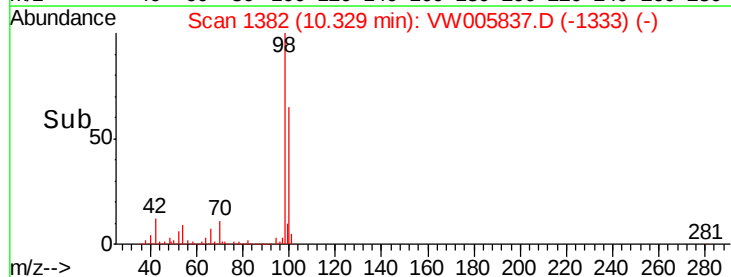
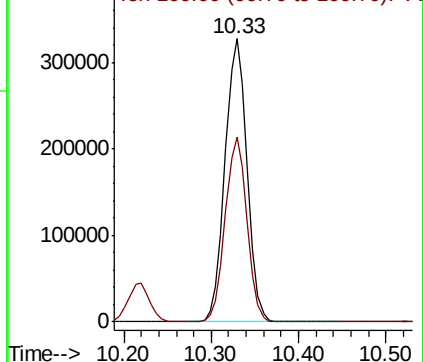
Ion Ratio Lower Upper

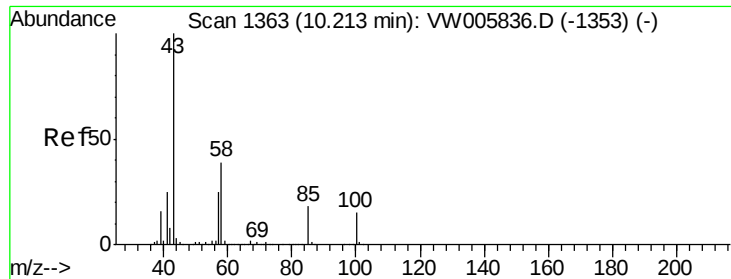
98 100

100 64.5 51.7 77.5



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

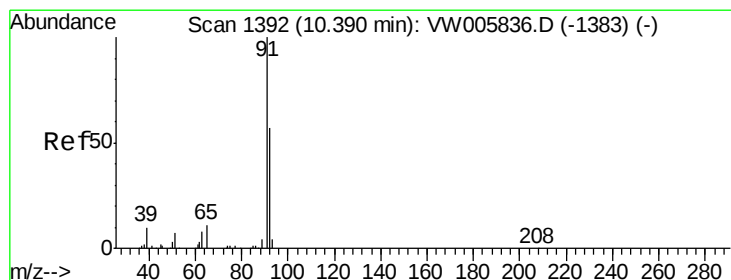
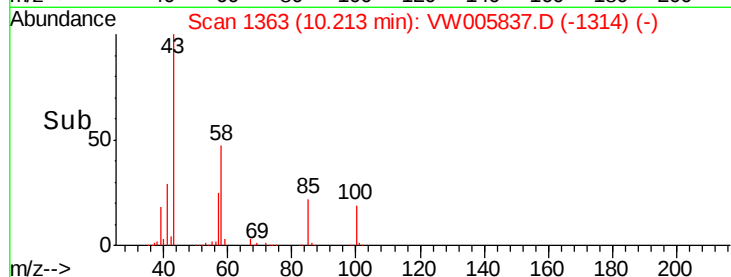
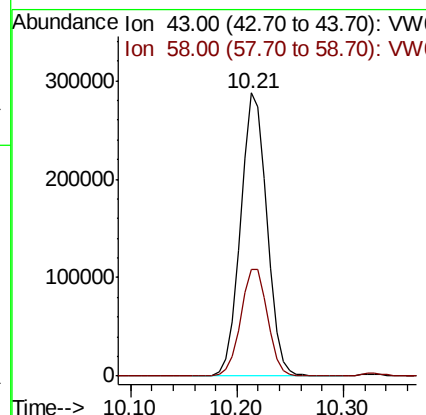
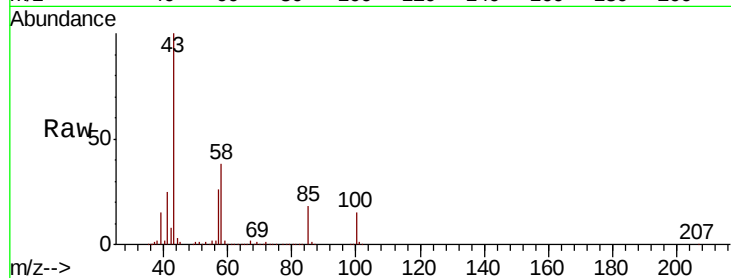




#51
 4-Methyl-2-Pentanone
 Concen: 400.667 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

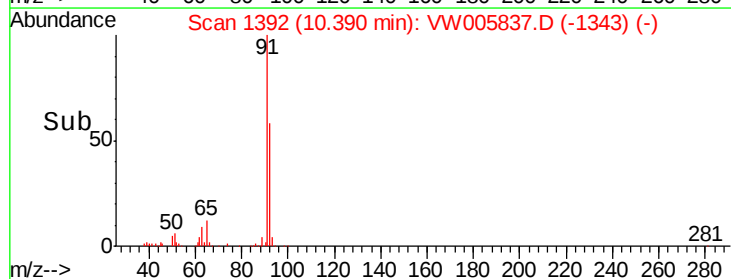
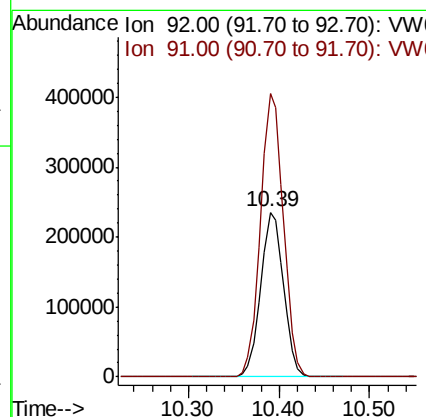
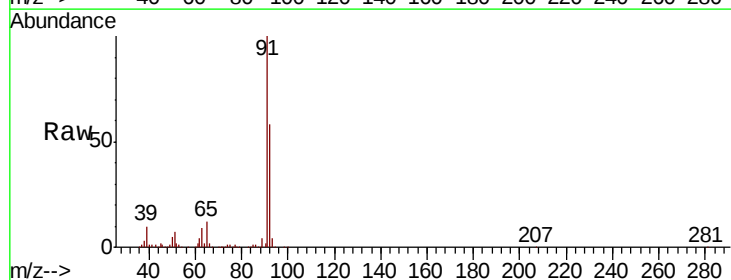
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

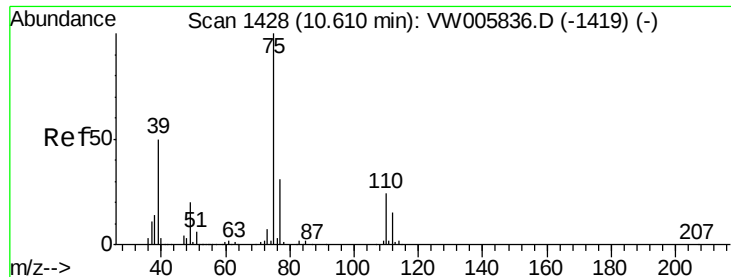
Tgt Ion: 43 Resp: 501044
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.6 45.8



#52
 Toluene
 Concen: 77.683 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Tgt Ion: 92 Resp: 407980
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 78.862 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampled :

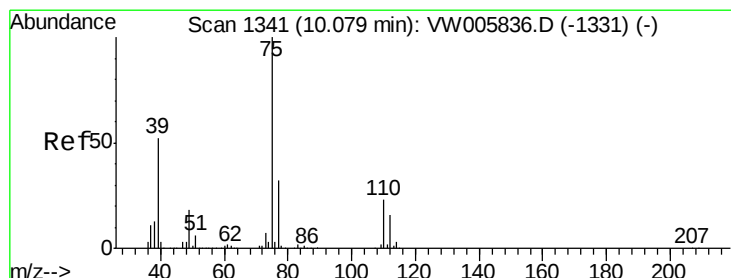
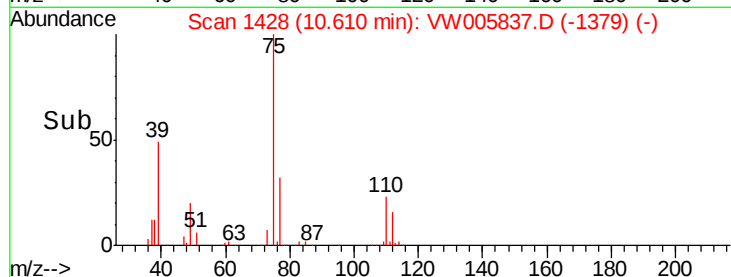
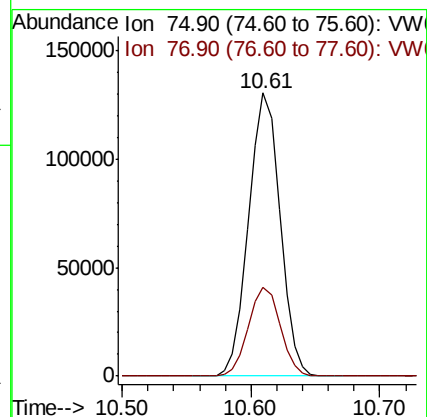
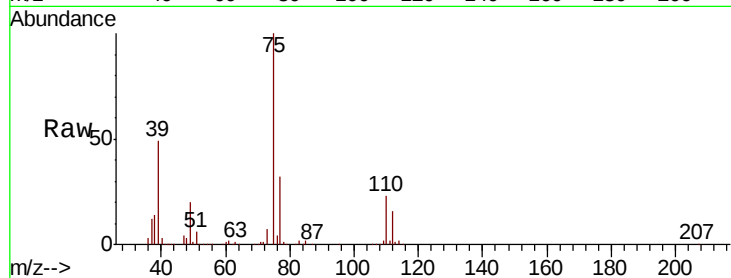
VSTDIC075

Tgt Ion: 75 Resp: 219596

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 78.228 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

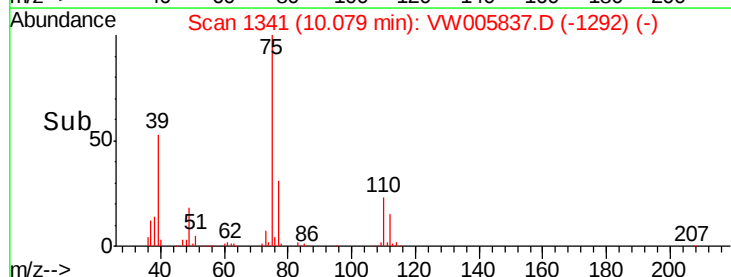
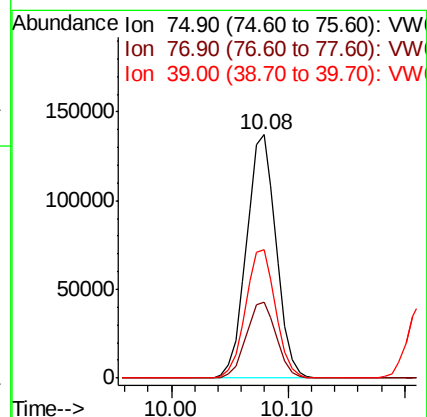
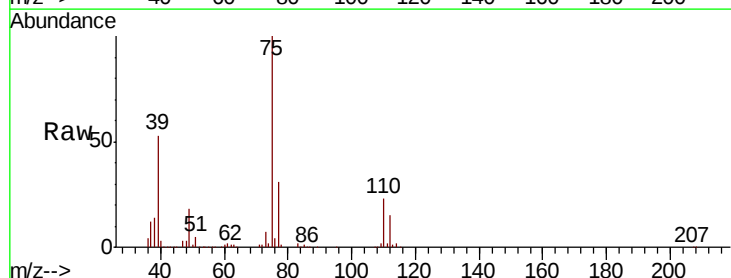
Tgt Ion: 75 Resp: 243772

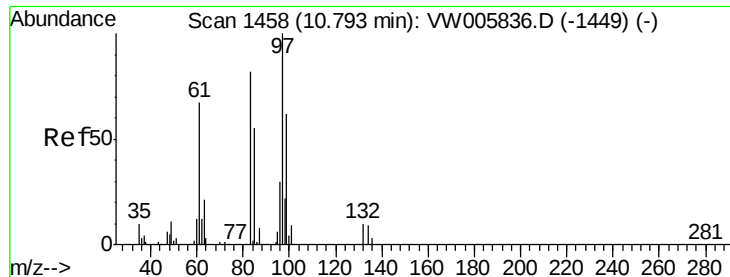
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 52.8 41.9 62.9

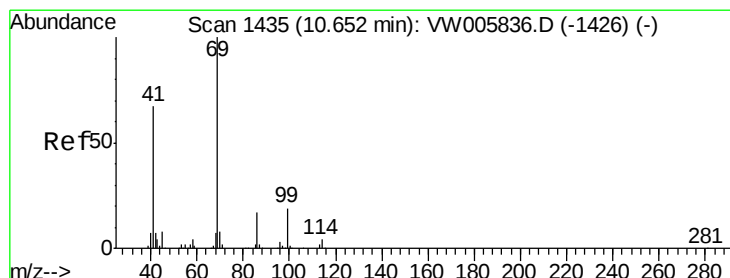
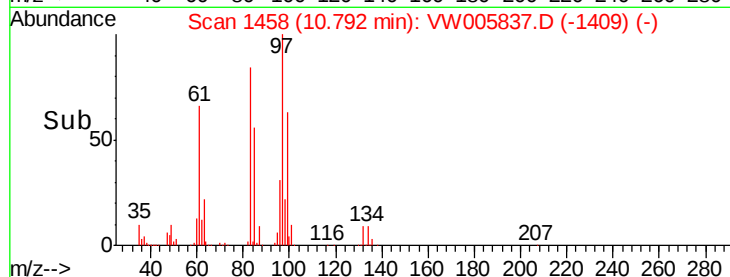
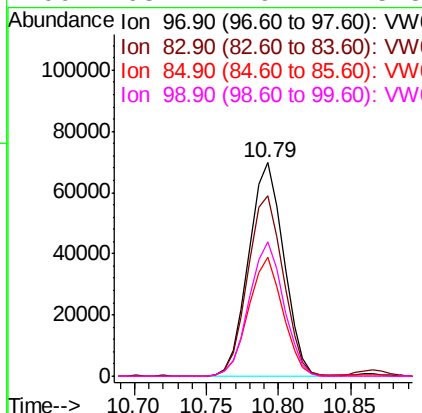
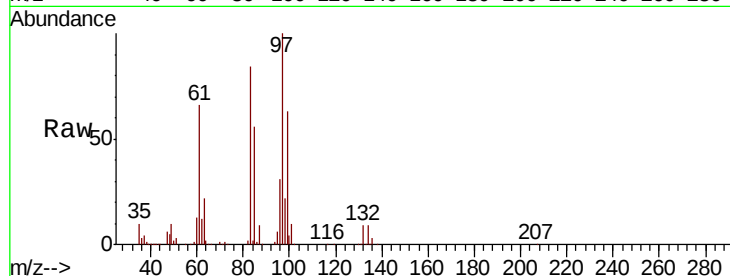




#55
 1,1,2-Trichloroethane
 Concen: 79.384 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

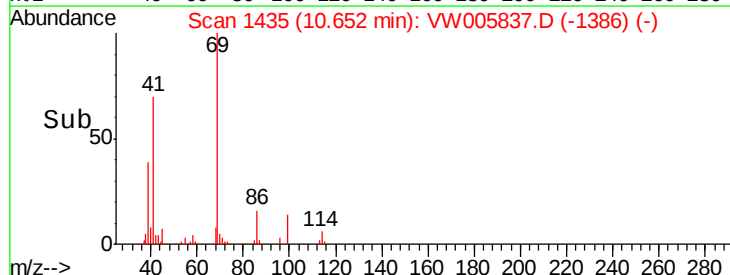
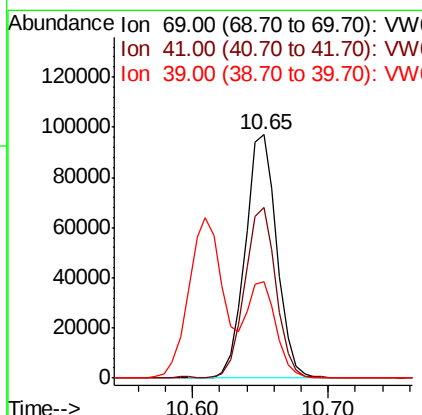
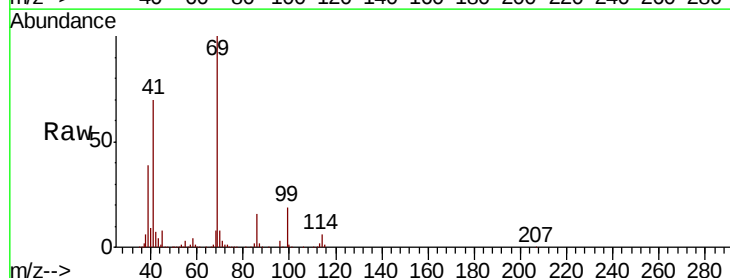
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

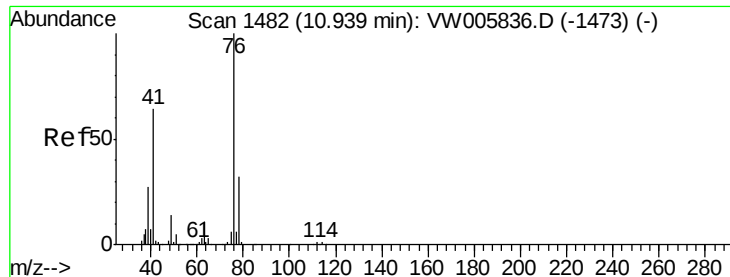
Tgt Ion:	97	Resp:	117838
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.9	98.9
85	55.8	44.2	66.2
99	63.1	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 85.777 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Tgt Ion:	69	Resp:	157063
Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.8	83.6
39	35.6	29.3	43.9





#57

1,3-Dichloropropane

Concen: 78.613 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

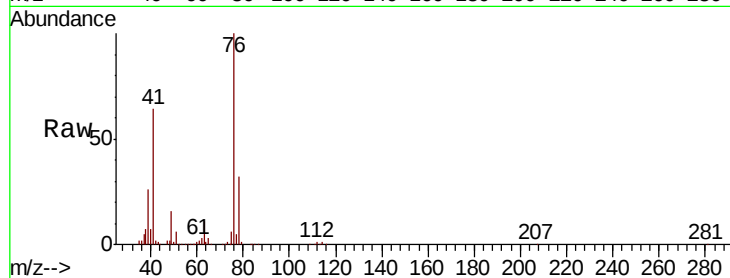
VSTDIC075

Tgt Ion: 76 Resp: 205747

Ion Ratio Lower Upper

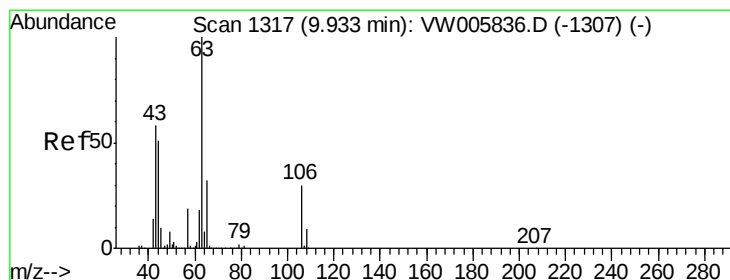
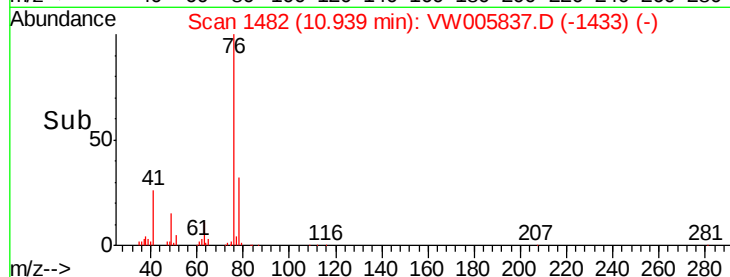
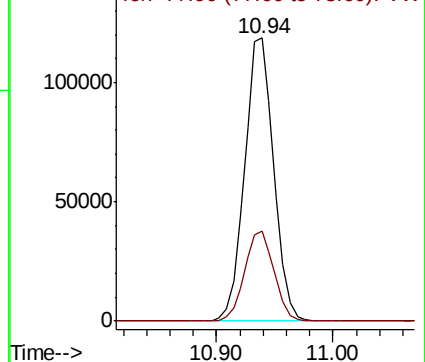
76 100

78 32.2 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 387.920 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VW005837.D

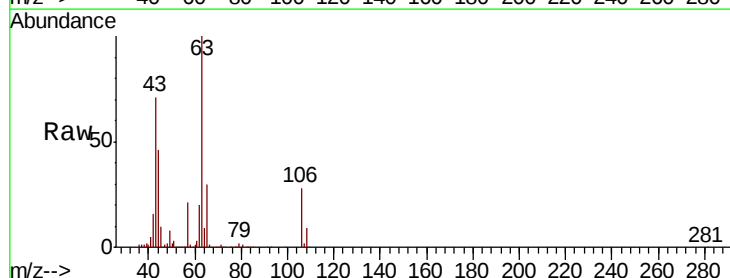
Acq: 04 Oct 2018 04:55

Tgt Ion: 63 Resp: 315652

Ion Ratio Lower Upper

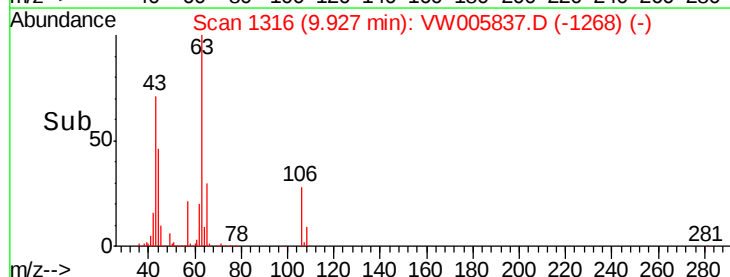
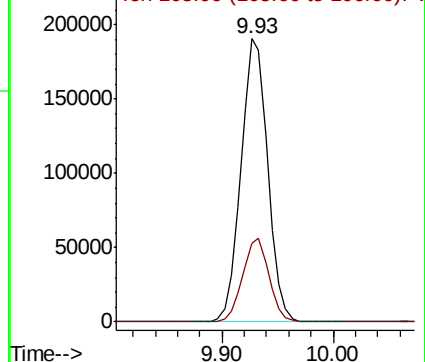
63 100

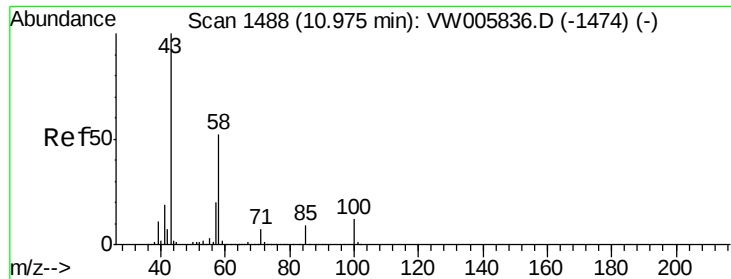
106 29.2 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

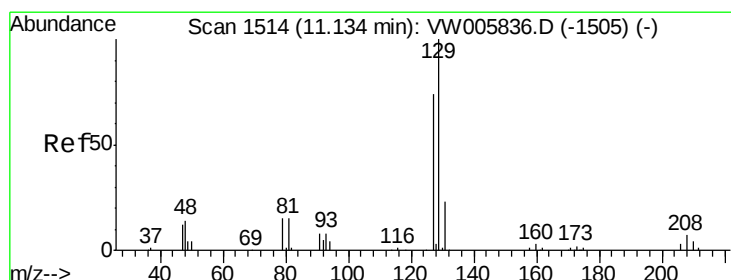
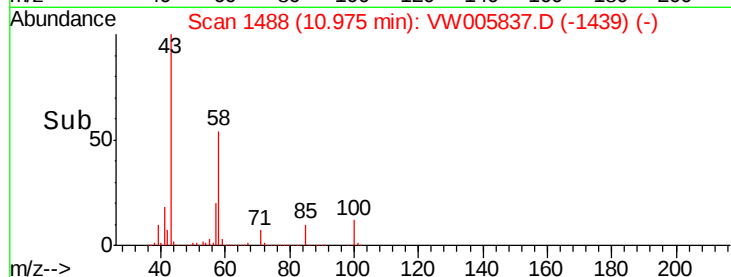
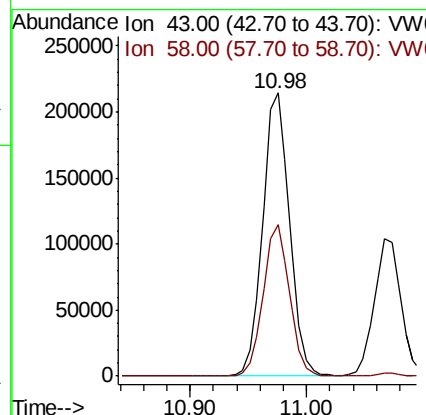
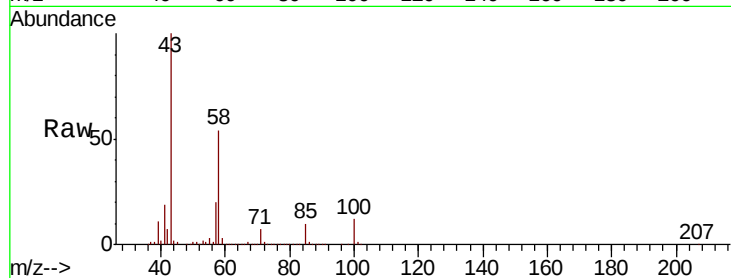




#59
2-Hexanone
Concen: 407.424 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

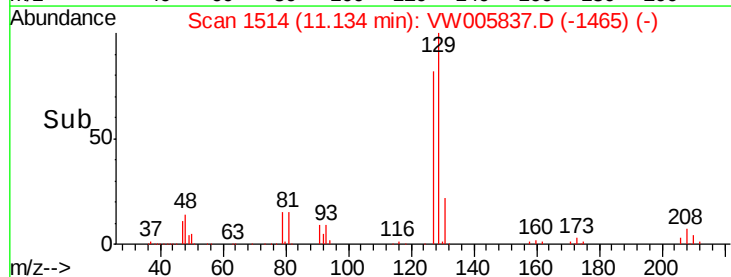
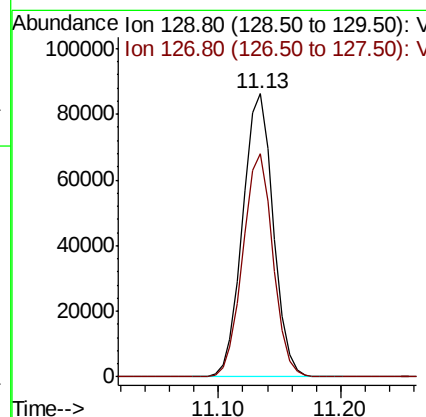
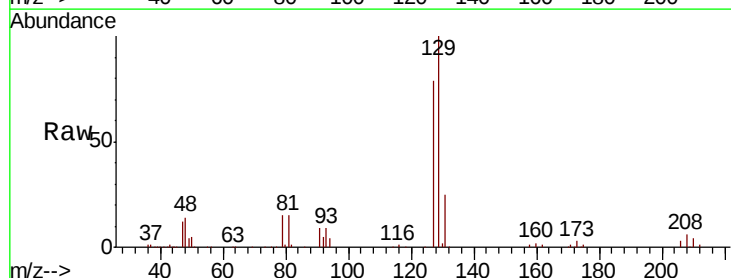
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

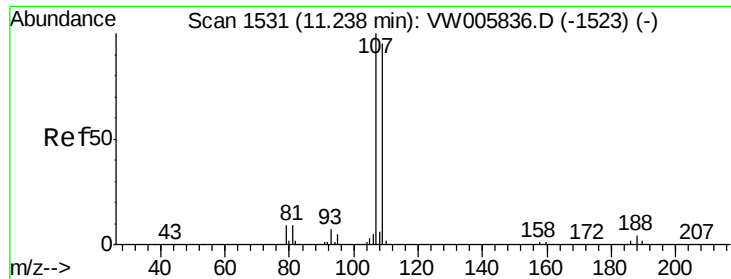
Tgt Ion: 43 Resp: 345299
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.7



#60
Dibromochloromethane
Concen: 82.458 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion: 129 Resp: 149073
Ion Ratio Lower Upper
129 100
127 77.9 37.2 111.6





#61

1,2-Dibromoethane

Concen: 82.101 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

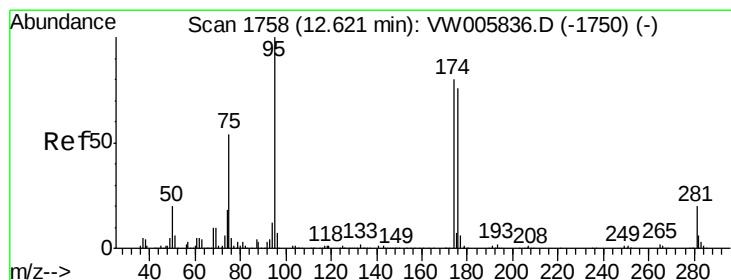
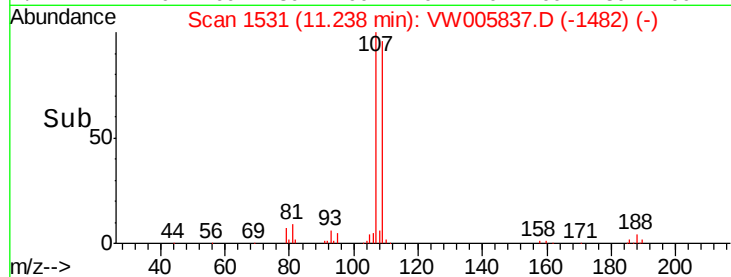
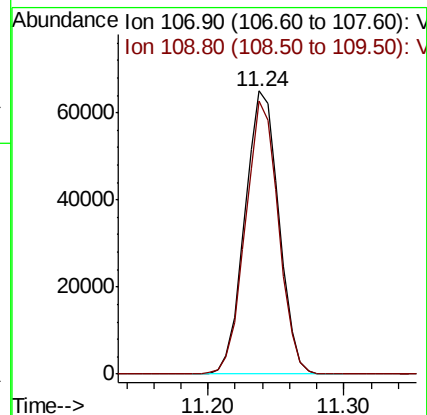
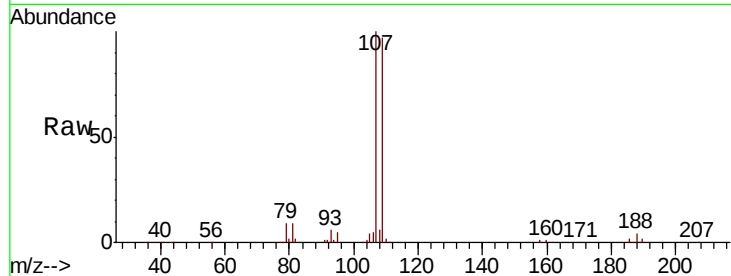
VSTDIC075

Tgt Ion: 107 Resp: 113871

Ion Ratio Lower Upper

107 100

109 93.9 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 77.669 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

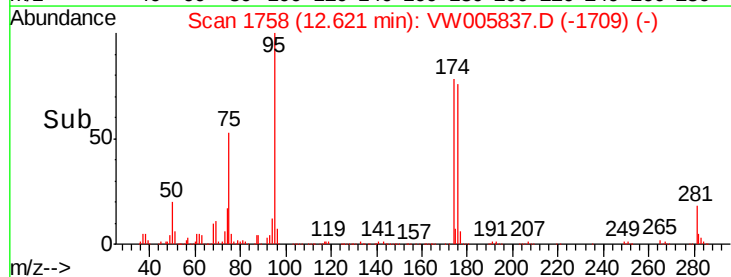
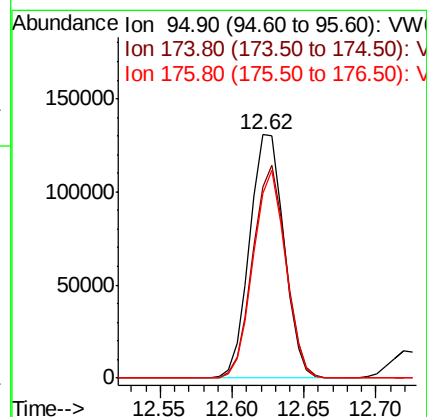
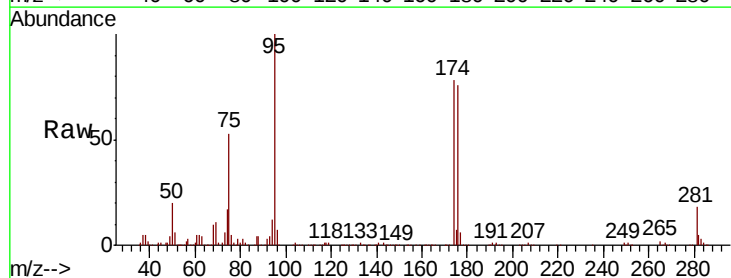
Tgt Ion: 95 Resp: 215295

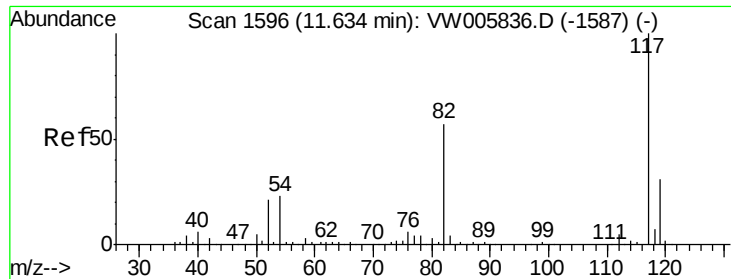
Ion Ratio Lower Upper

95 100

174 83.9 0.0 169.0

176 80.7 0.0 164.2

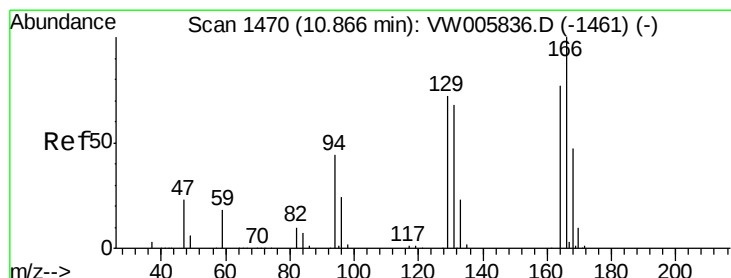
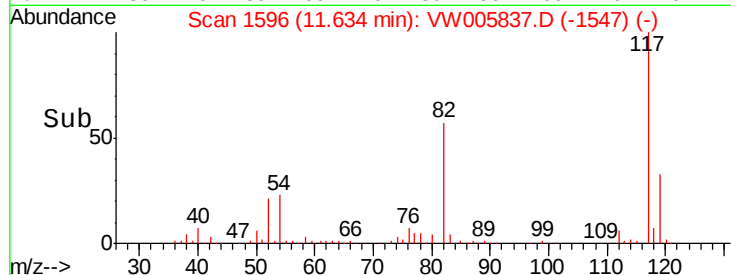
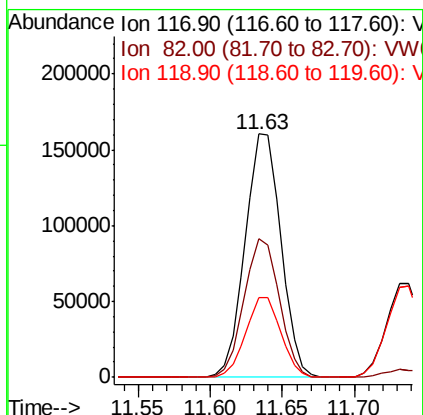
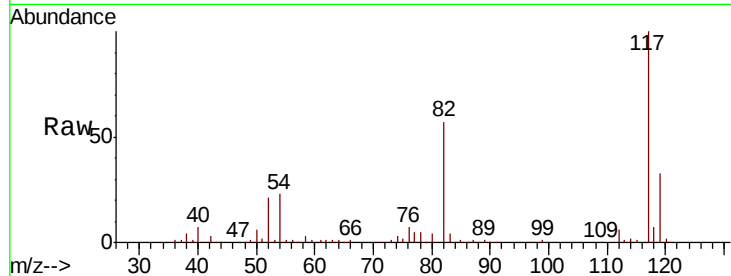




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

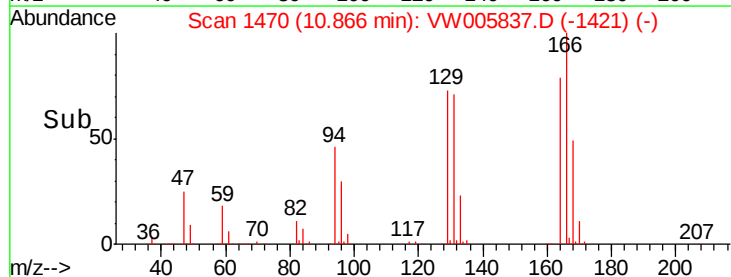
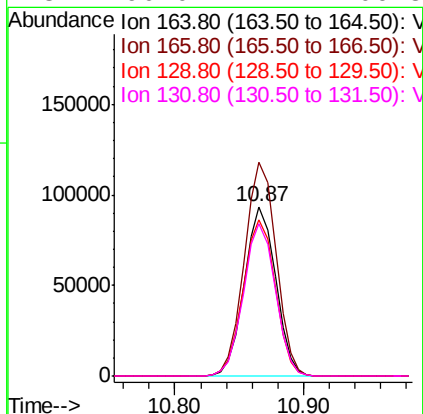
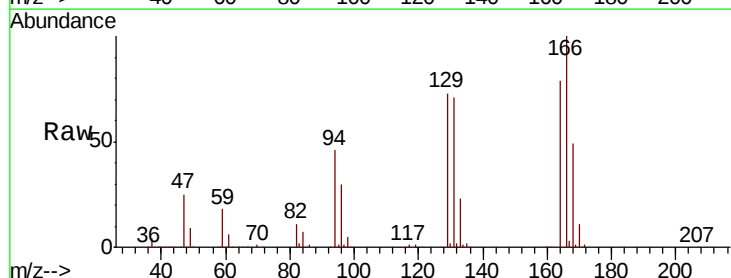
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

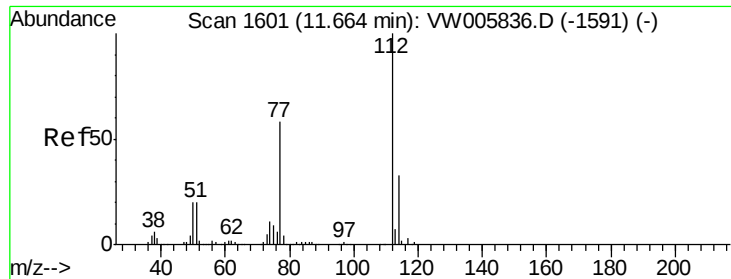
Tgt Ion:117 Resp: 276080
Ion Ratio Lower Upper
117 100
82 57.1 45.6 68.4
119 32.9 25.0 37.6



#64
Tetrachloroethene
Concen: 78.710 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion:164 Resp: 157411
Ion Ratio Lower Upper
164 100
166 126.2 104.0 156.0
129 92.3 74.8 112.2
131 90.0 71.2 106.8

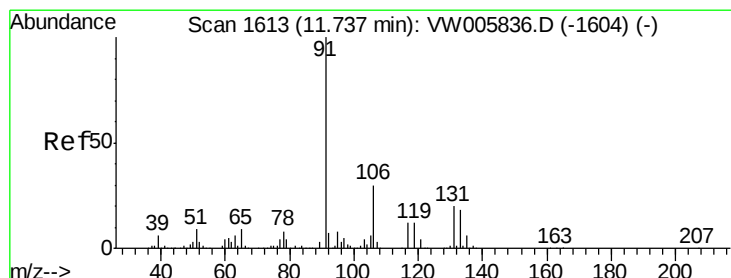
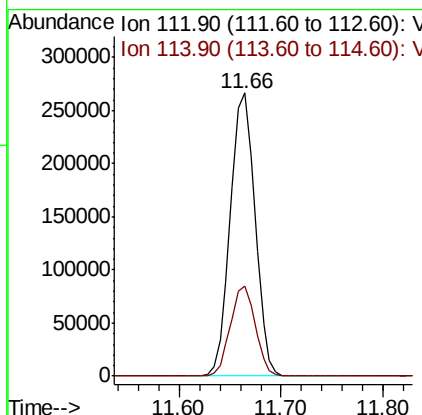
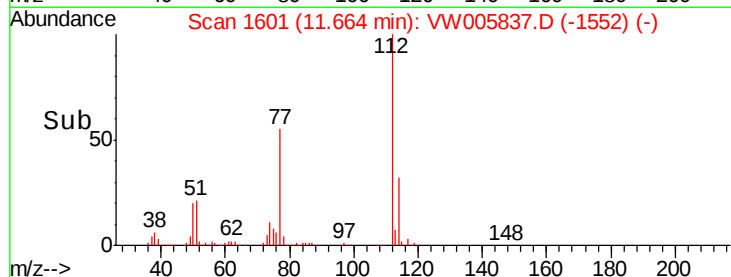
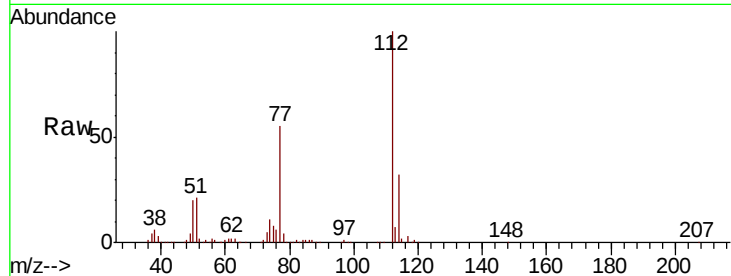




#65
Chlorobenzene
Concen: 75.735 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

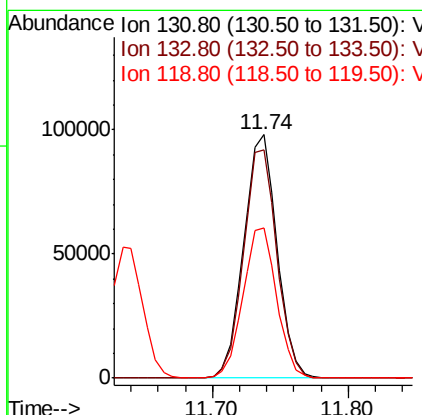
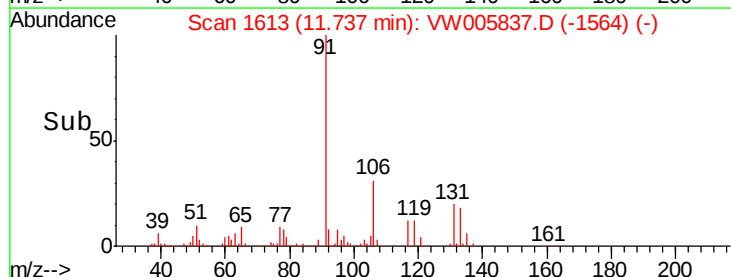
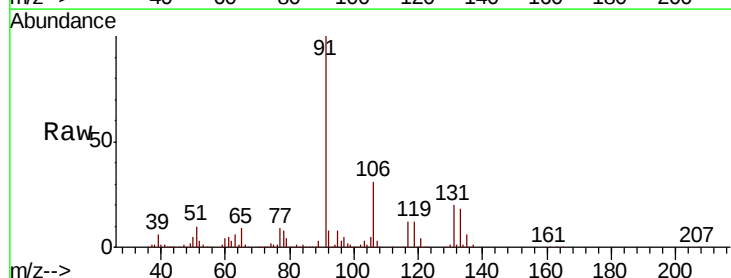
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

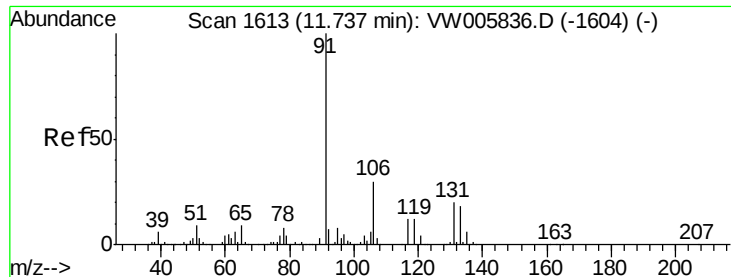
Tgt Ion:112 Resp: 447581
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 78.333 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion:131 Resp: 167758
Ion Ratio Lower Upper
131 100
133 94.5 47.0 141.0
119 62.2 30.4 91.2

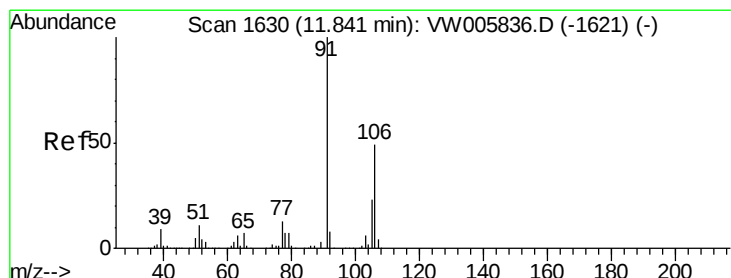
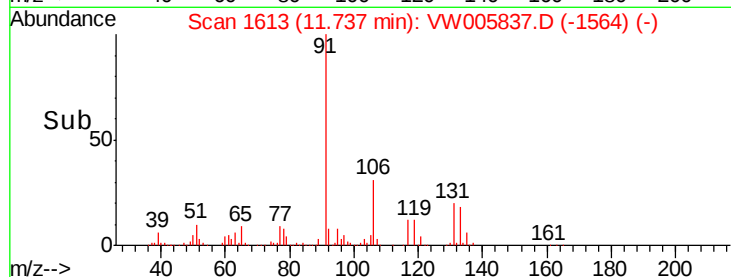
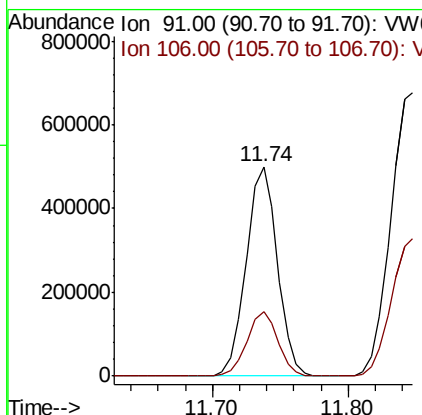
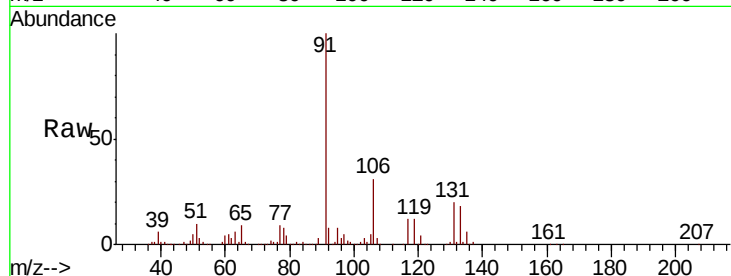




#67
Ethyl Benzene
Concen: 76.871 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

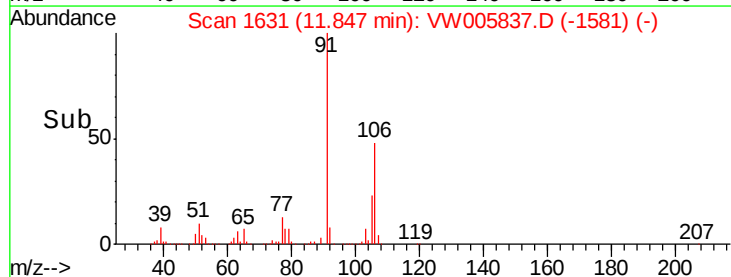
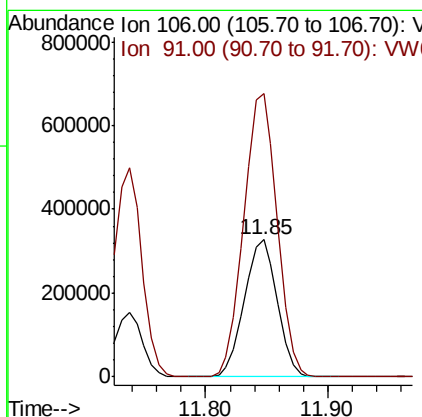
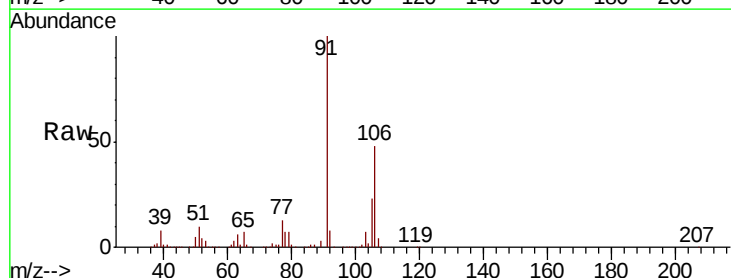
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

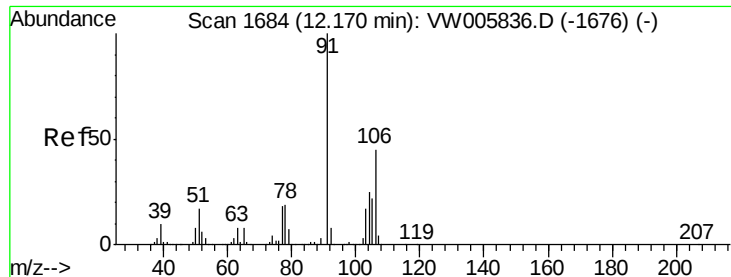
Tgt Ion: 91 Resp: 804072
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5



#68
m/p-Xylenes
Concen: 154.498 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion: 106 Resp: 612648
Ion Ratio Lower Upper
106 100
91 209.1 165.4 248.0

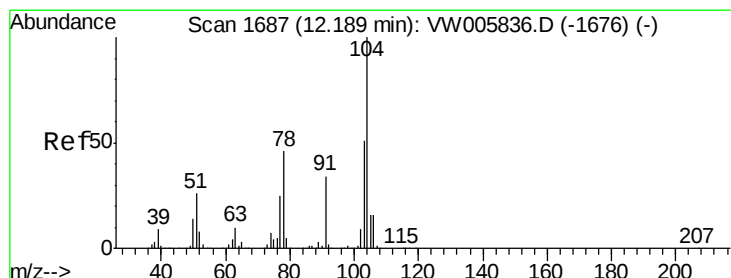
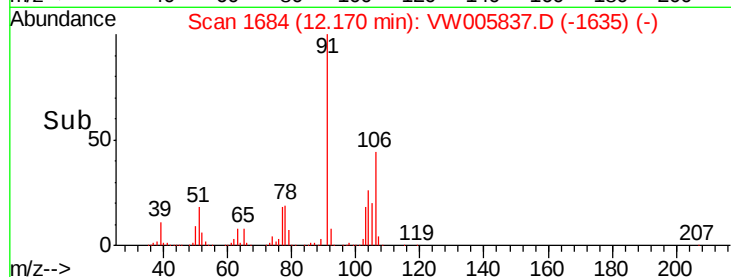
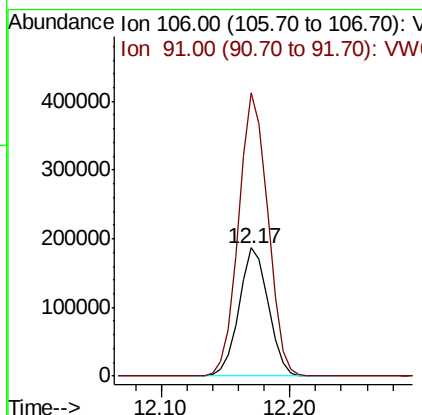
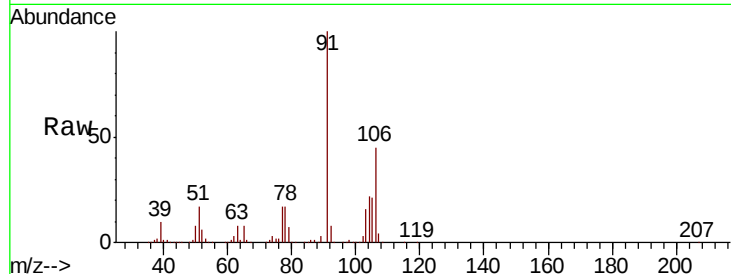




#69
o-Xylene
Concen: 78.869 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

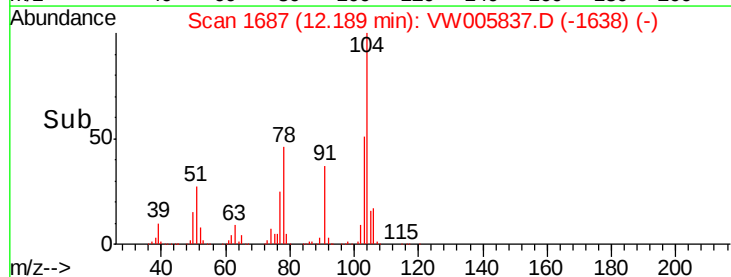
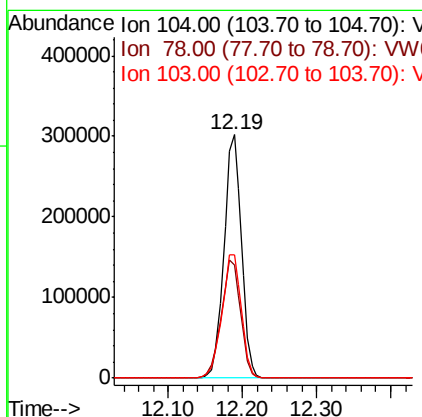
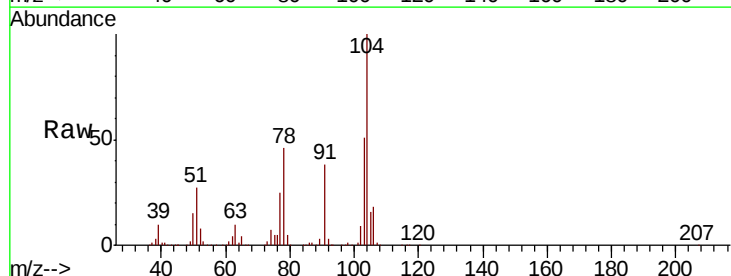
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

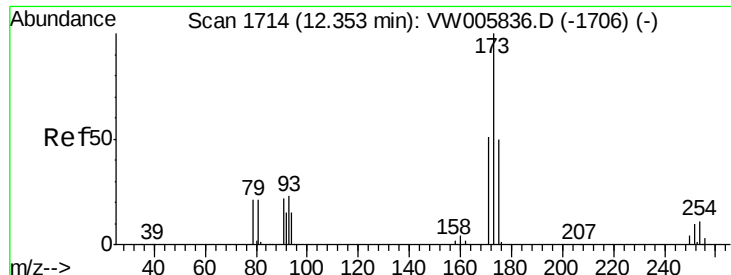
Tgt Ion:106 Resp: 292645
Ion Ratio Lower Upper
106 100
91 221.4 109.7 329.1



#70
Styrene
Concen: 79.112 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion:104 Resp: 493919
Ion Ratio Lower Upper
104 100
78 53.1 42.3 63.5
103 56.2 44.9 67.3





#71

Bromoform

Concen: 82.328 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

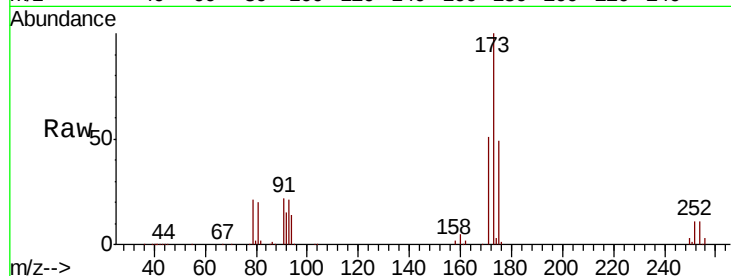
Tgt Ion:173 Resp: 94623

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.9

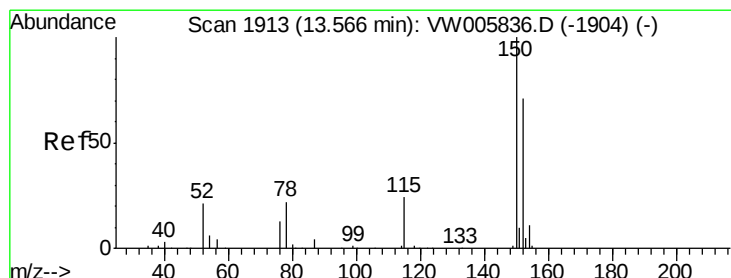
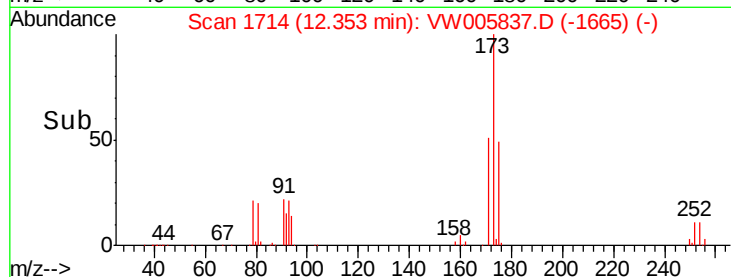
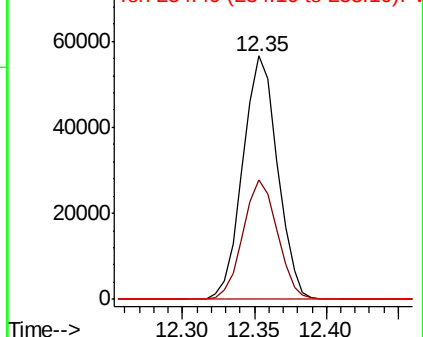
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

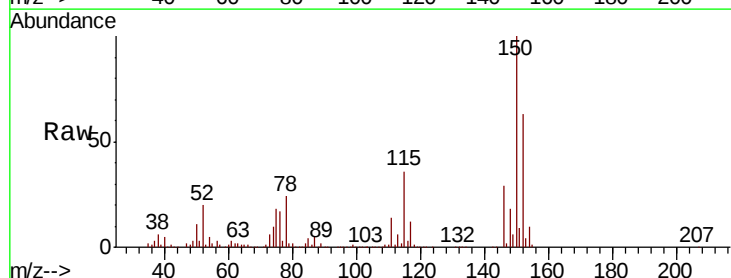
Tgt Ion:152 Resp: 148056

Ion Ratio Lower Upper

152 100

115 58.9 29.8 89.4

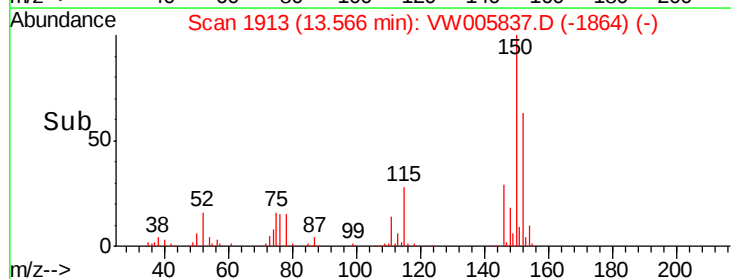
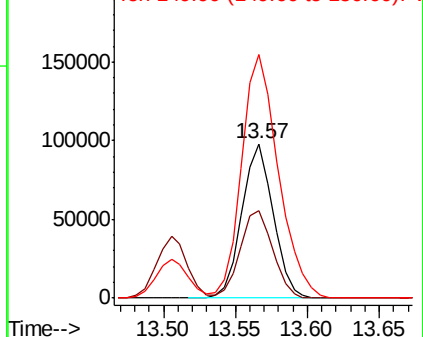
150 184.5 0.0 349.4

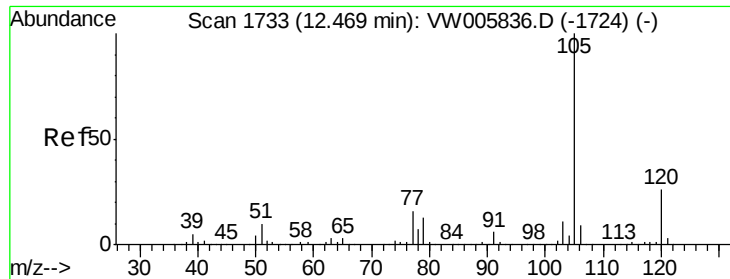


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 78.561 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

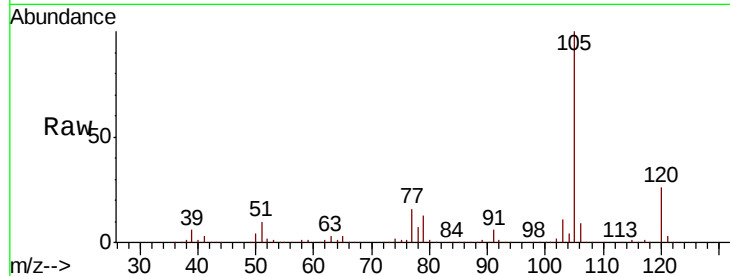
VSTDIC075

Tgt Ion: 105 Resp: 807558

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

600000

500000

400000

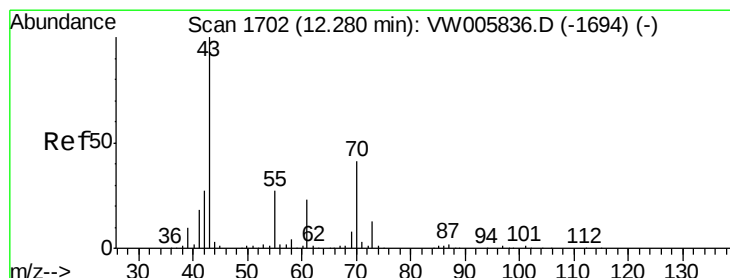
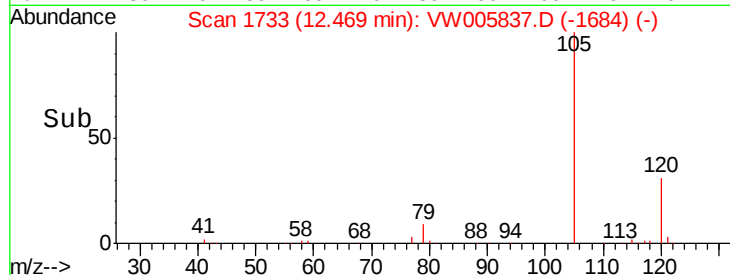
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 79.669 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Tgt Ion: 43 Resp: 185960

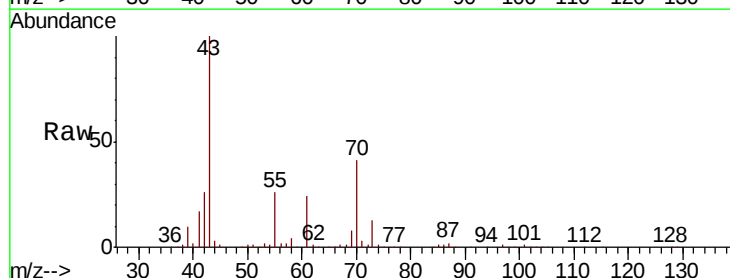
Ion Ratio Lower Upper

43 100

70 41.1 33.6 50.4

55 26.4 21.8 32.6

61 23.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

200000

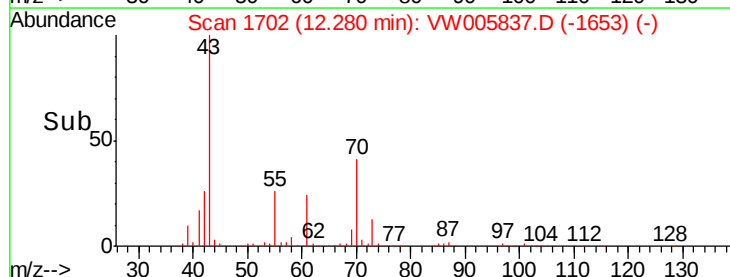
150000

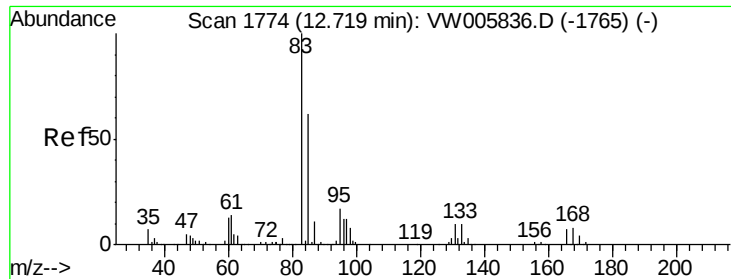
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 79.471 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

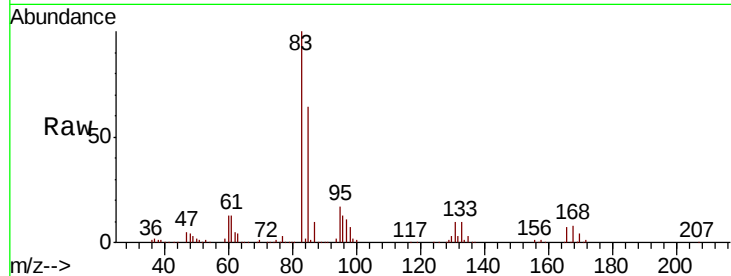
Tgt Ion: 83 Resp: 137443

Ion Ratio Lower Upper

83 100

131 11.7 5.9 17.6

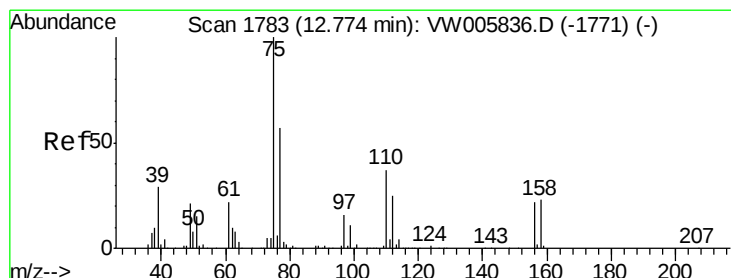
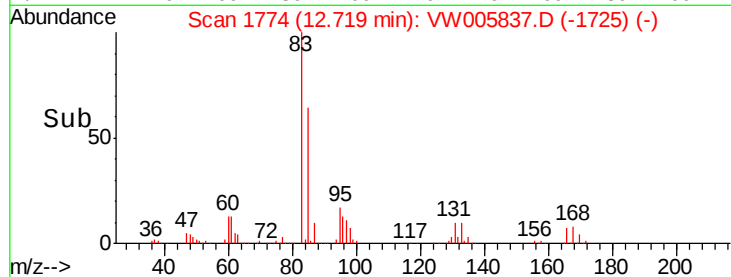
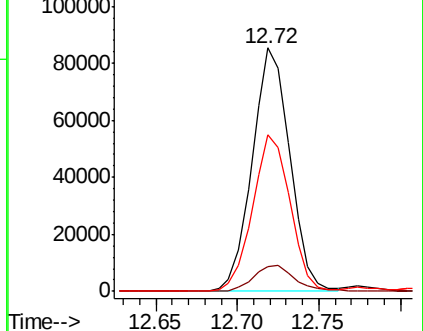
85 63.8 31.8 95.3



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: 149.960 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005837.D

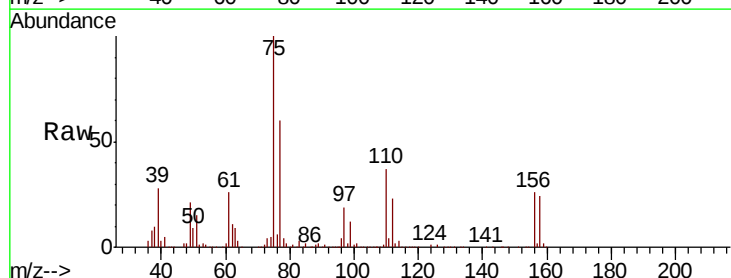
Acq: 04 Oct 2018 04:55

Tgt Ion: 75 Resp: 192487

Ion Ratio Lower Upper

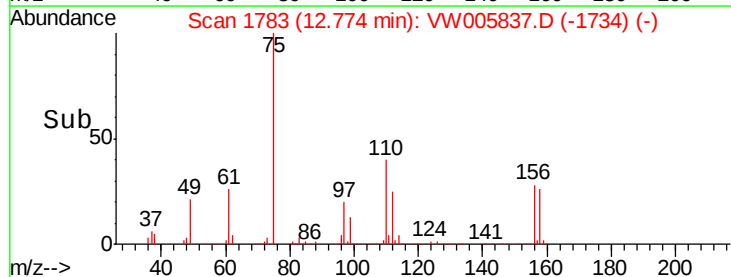
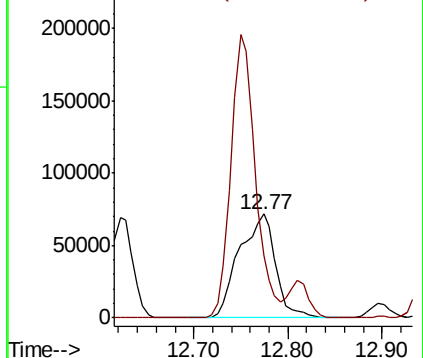
75 100

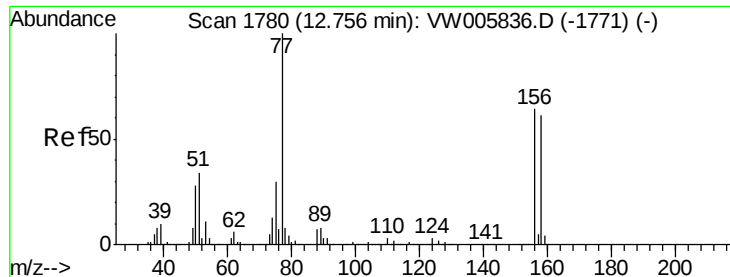
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 79.972 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

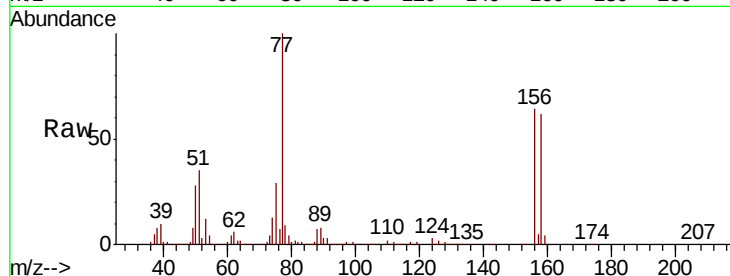
Tgt Ion:156 Resp: 194711

Ion Ratio Lower Upper

156 100

77 182.2 91.0 273.1

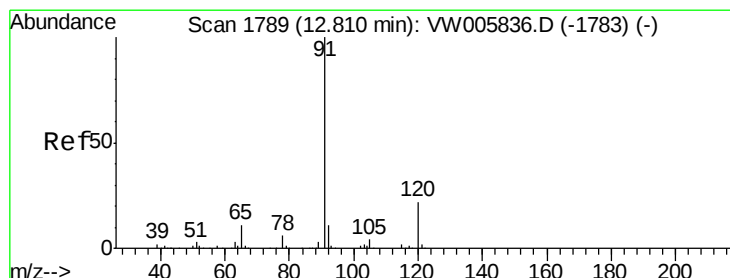
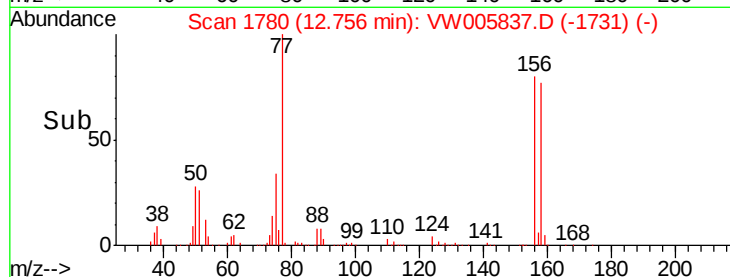
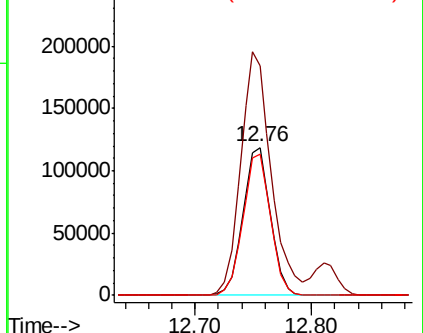
158 96.0 48.4 145.2



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: 76.666 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005837.D

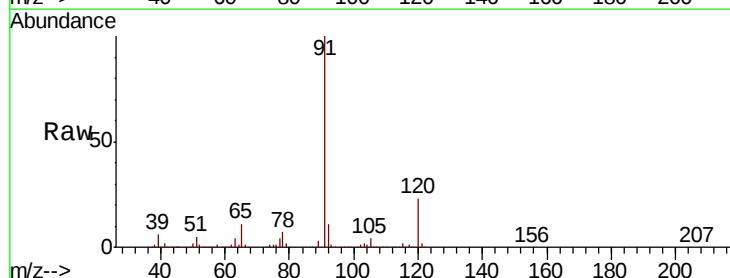
Acq: 04 Oct 2018 04:55

Tgt Ion: 91 Resp: 951547

Ion Ratio Lower Upper

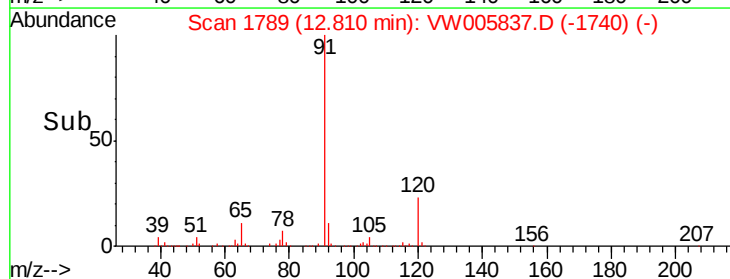
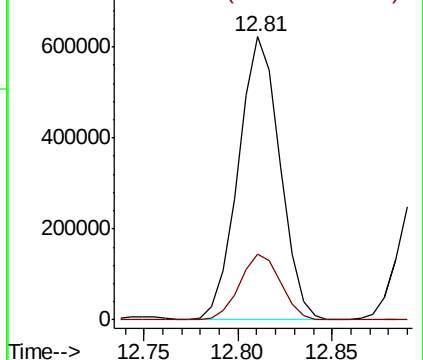
91 100

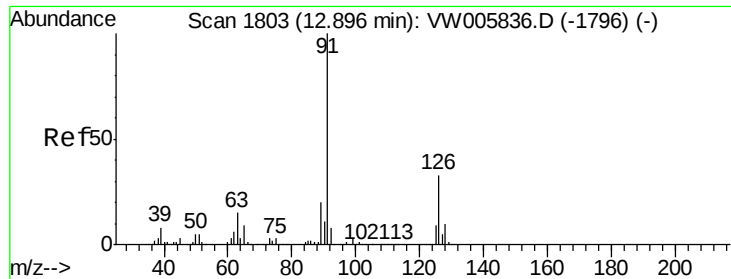
120 23.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

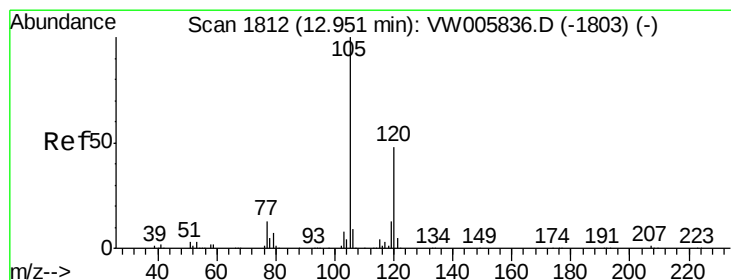
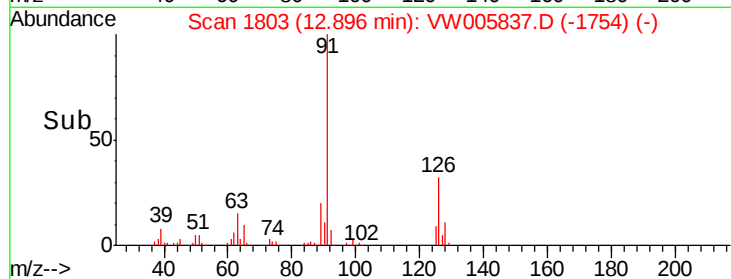
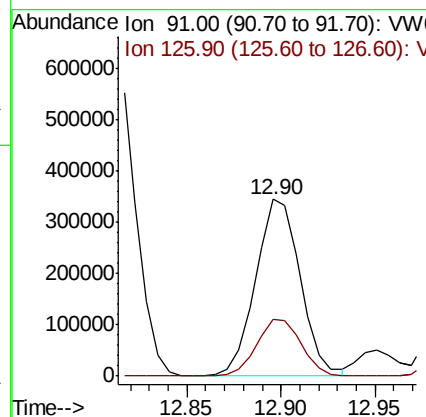
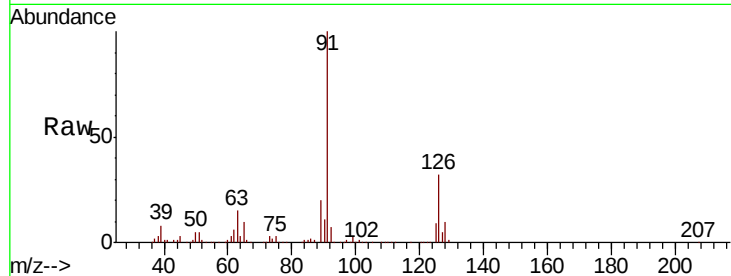




#79
 2-Chlorotoluene
 Concen: 78.204 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

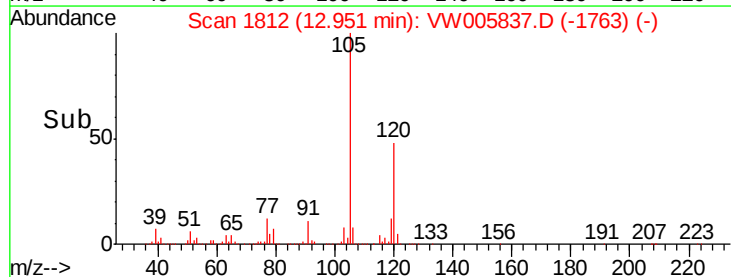
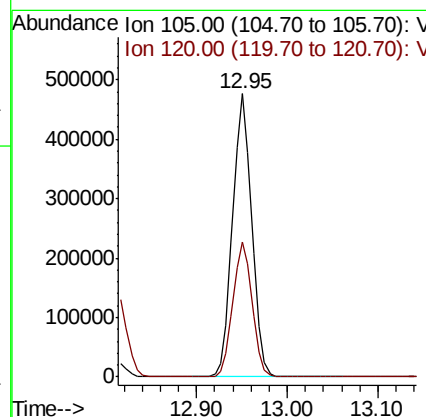
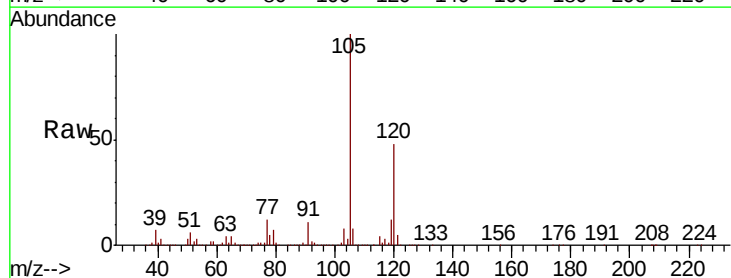
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

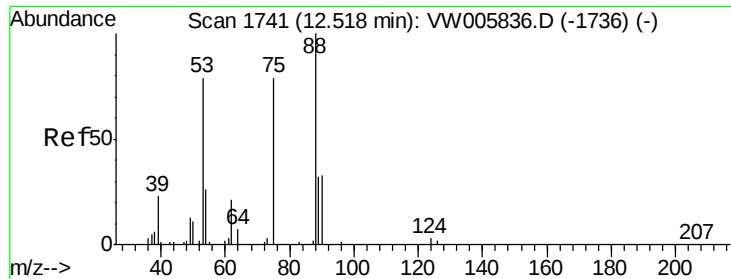
Tgt Ion: 91 Resp: 564085
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 77.956 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Tgt Ion: 105 Resp: 697328
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 78.043 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

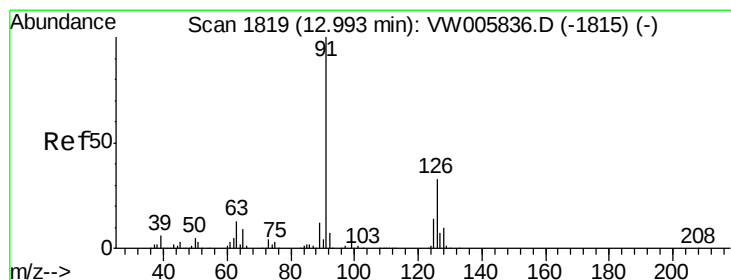
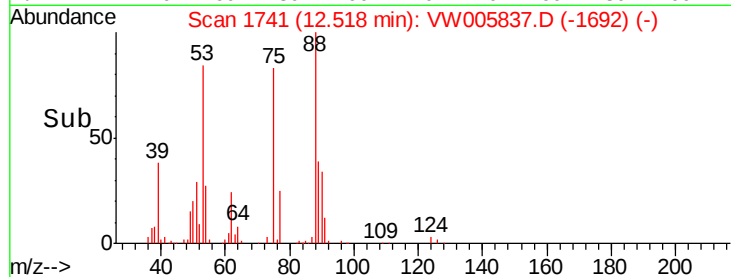
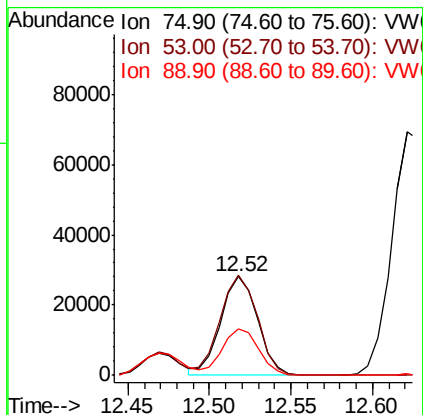
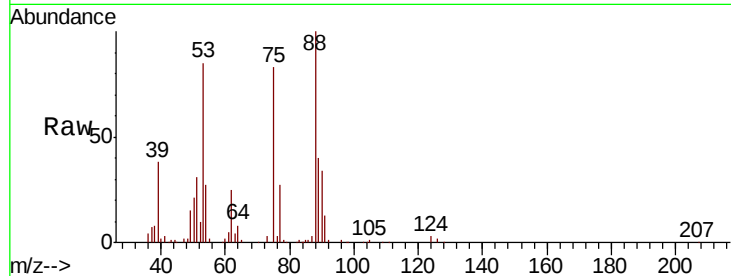
Tgt Ion: 75 Resp: 44002

Ion Ratio Lower Upper

75 100

53 104.9 83.7 125.5

89 46.8 37.5 56.3



#82

4-Chlorotoluene

Concen: 77.260 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005837.D

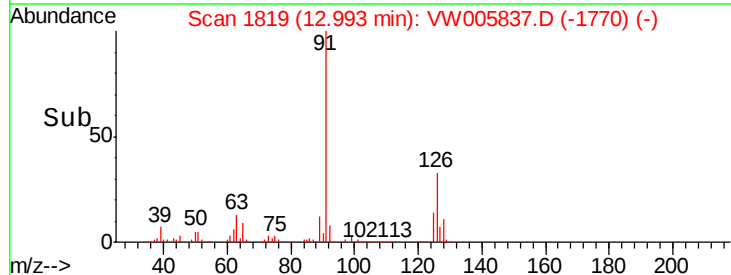
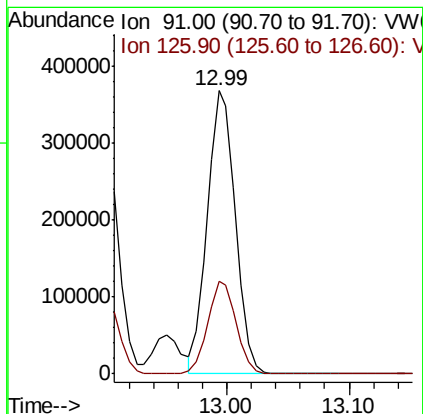
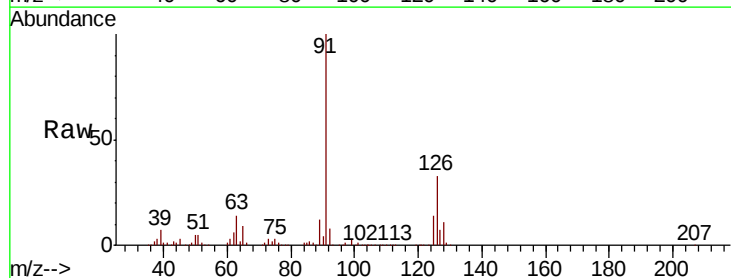
Acq: 04 Oct 2018 04:55

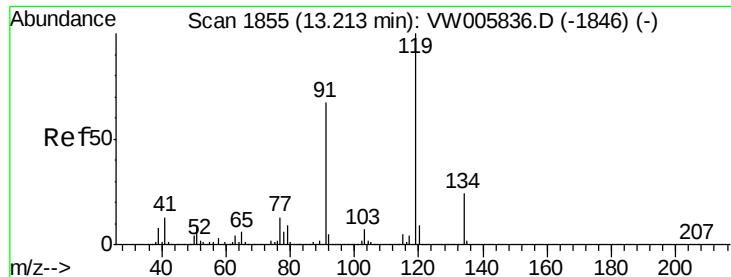
Tgt Ion: 91 Resp: 587854

Ion Ratio Lower Upper

91 100

126 33.0 16.7 50.0

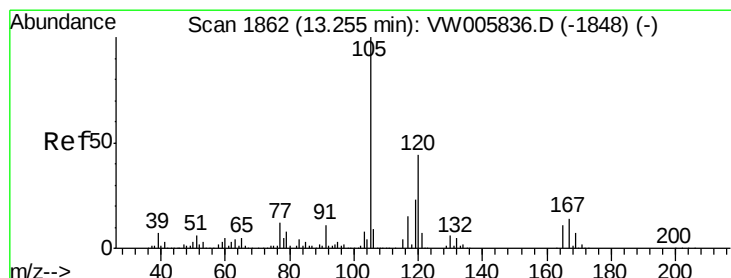
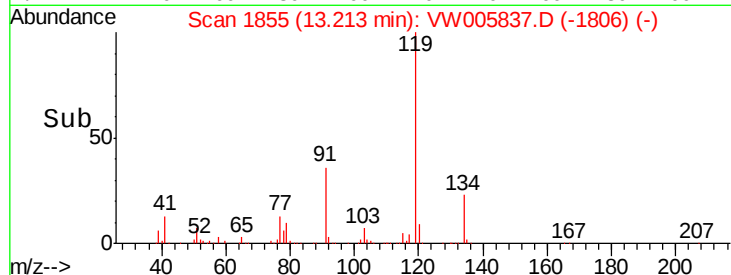
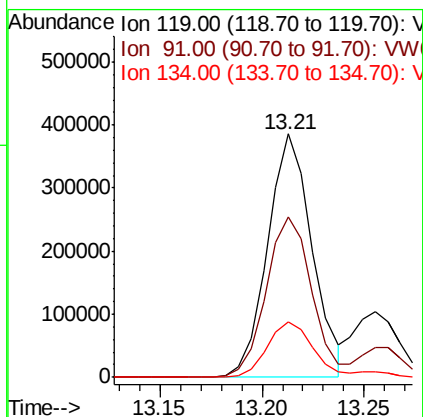
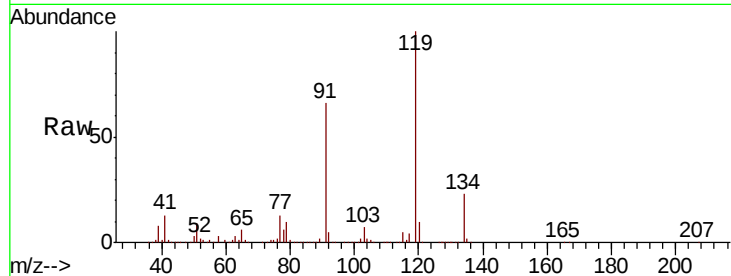




#83
tert-Butylbenzene
Concen: 78.085 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

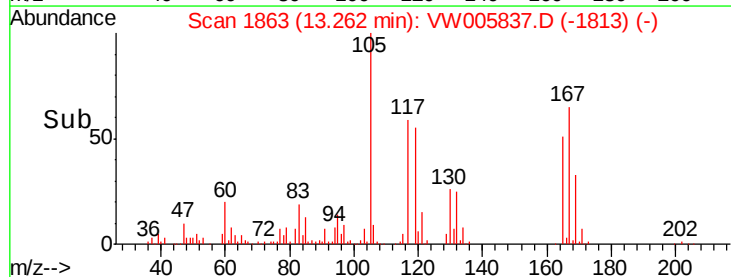
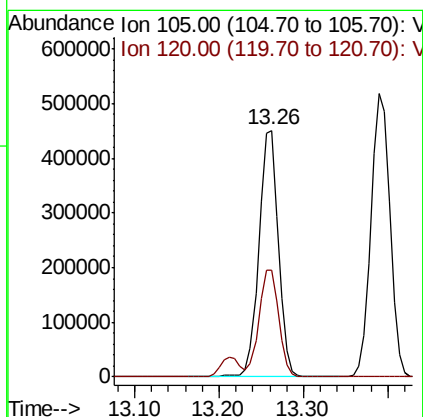
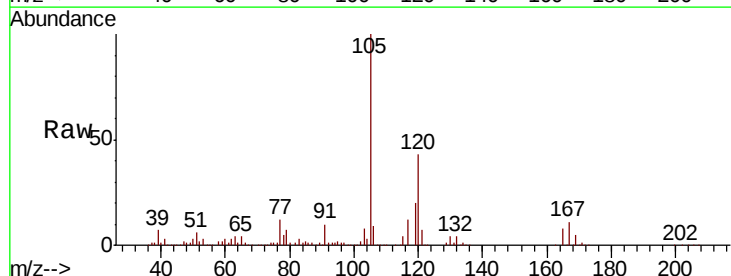
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

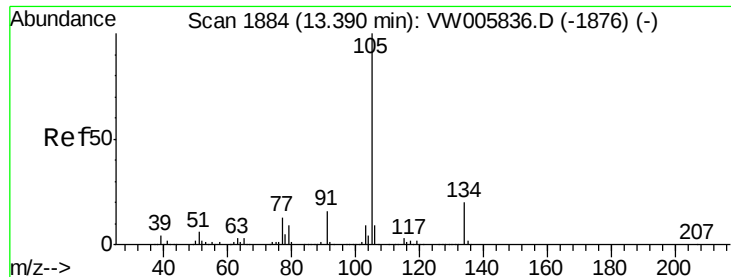
Tgt Ion:119 Resp: 586349
Ion Ratio Lower Upper
119 100
91 68.5 33.4 100.2
134 25.3 12.8 38.3



#84
1,2,4-Trimethylbenzene
Concen: 78.934 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion:105 Resp: 713888
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.7

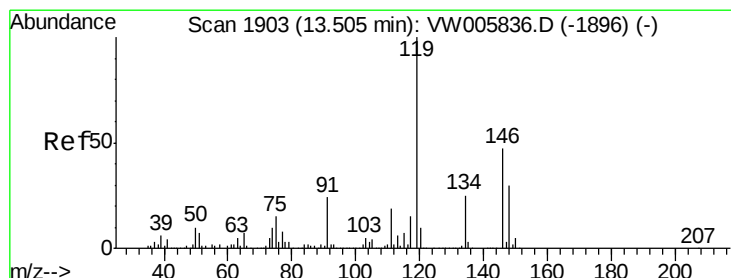
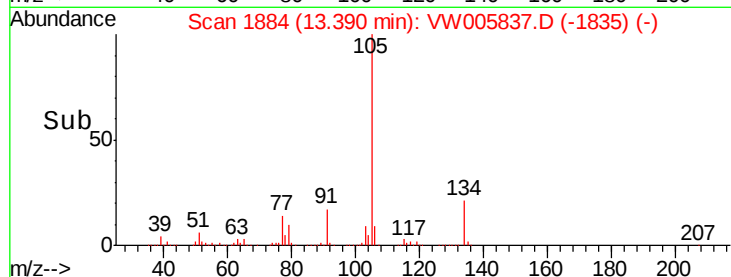
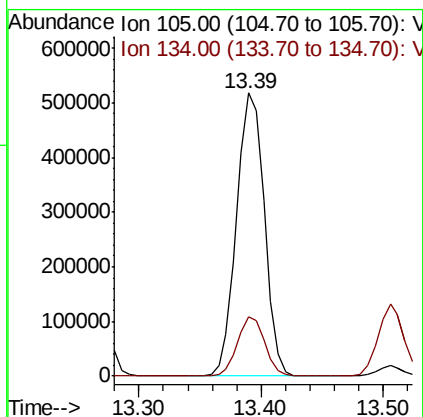
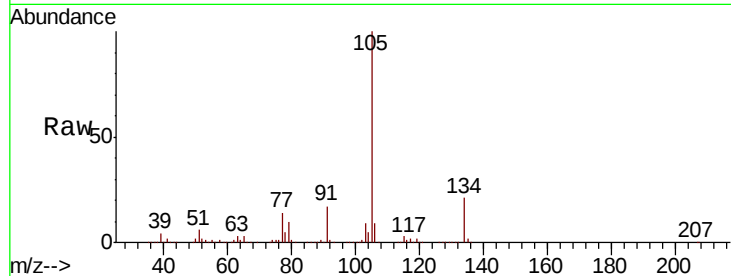




#85
 sec-Butylbenzene
 Concen: 75.125 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

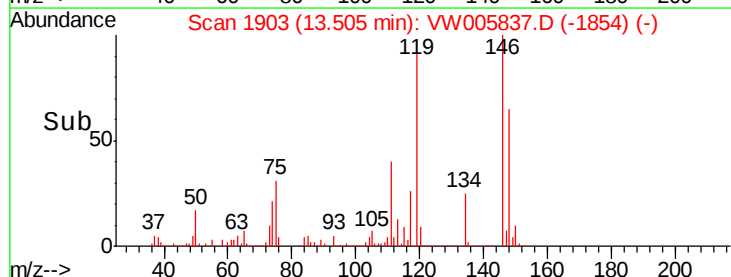
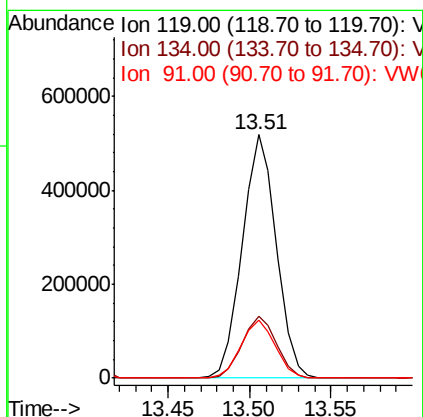
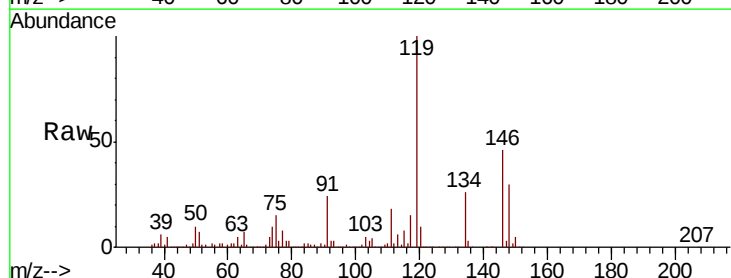
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

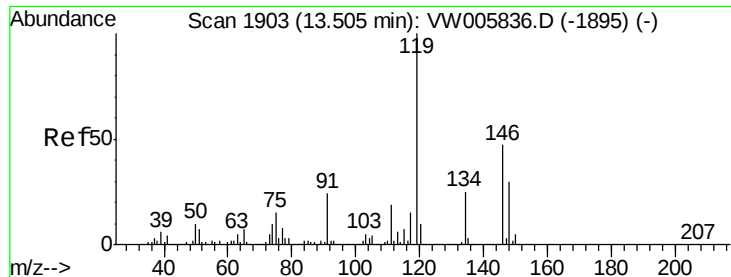
Tgt Ion:105 Resp: 816065
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 77.036 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Tgt Ion:119 Resp: 752336
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.0
 91 24.1 11.9 35.9

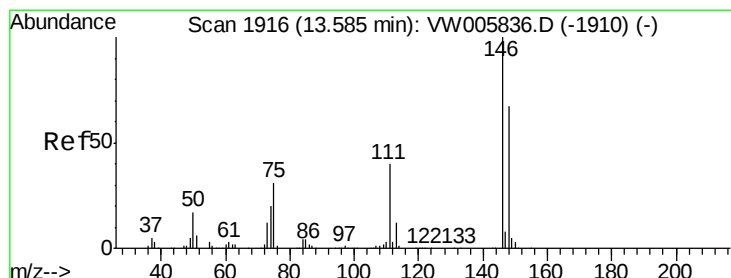
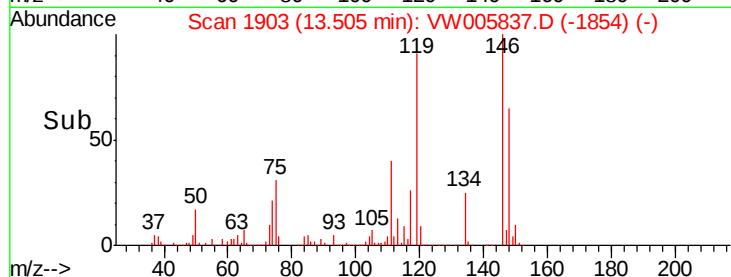
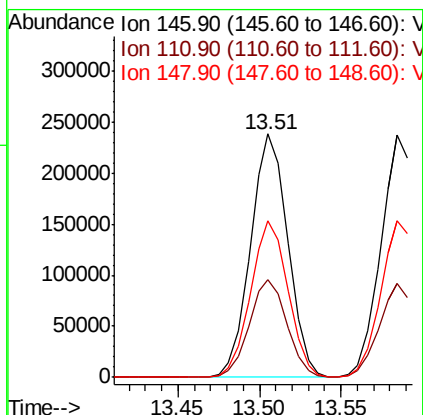
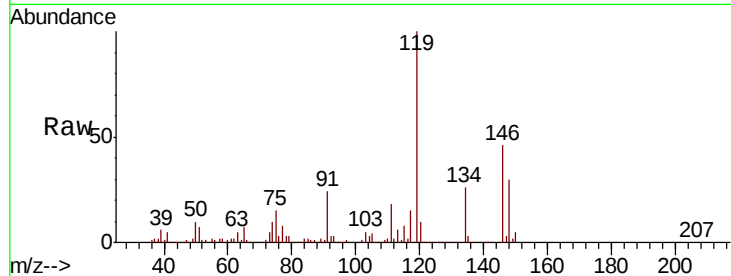




#87
 1,3-Dichlorobenzene
 Concen: 75.940 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

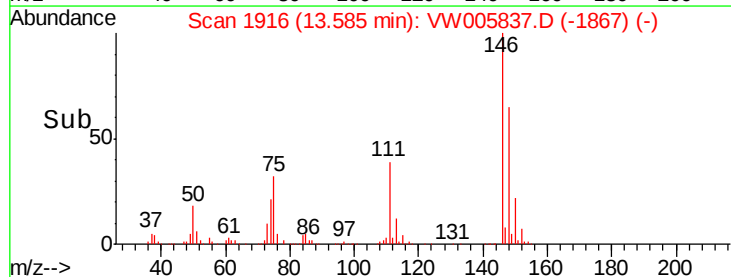
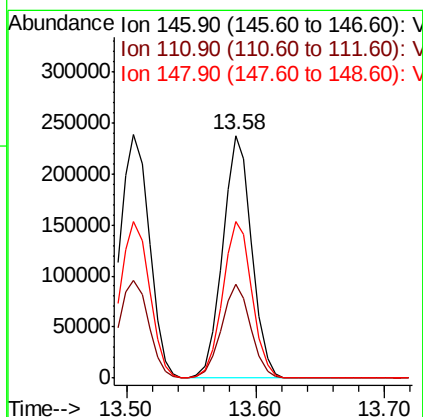
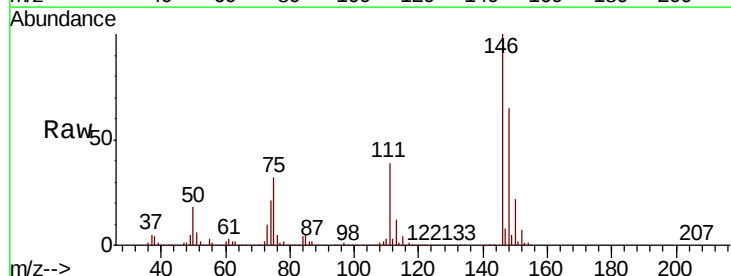
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

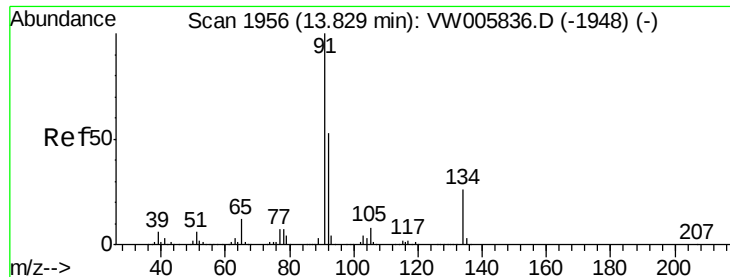
Tgt Ion:146 Resp: 377145
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.7
 148 64.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 75.779 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Tgt Ion:146 Resp: 373808
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.1
 148 65.2 32.1 96.5





#89

n-Butylbenzene

Concen: 75.112 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

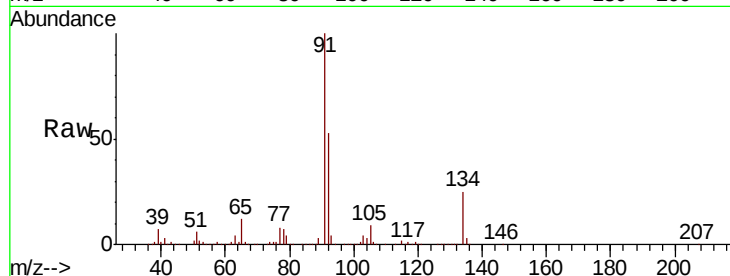
Tgt Ion: 91 Resp: 687841

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.5

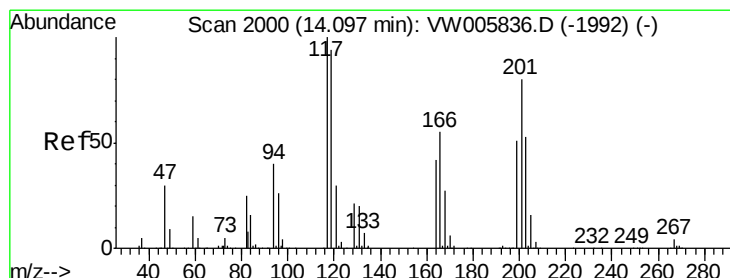
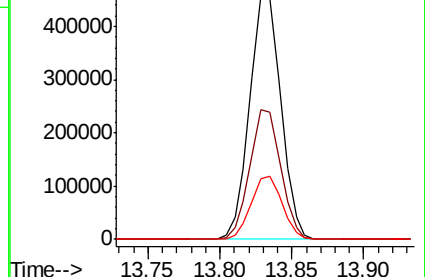
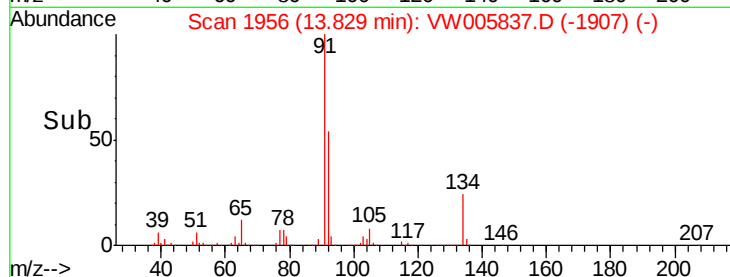
134 25.8 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 75.475 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005837.D

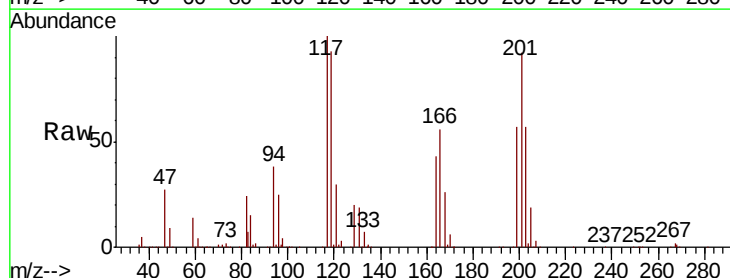
Acq: 04 Oct 2018 04:55

Tgt Ion: 117 Resp: 133668

Ion Ratio Lower Upper

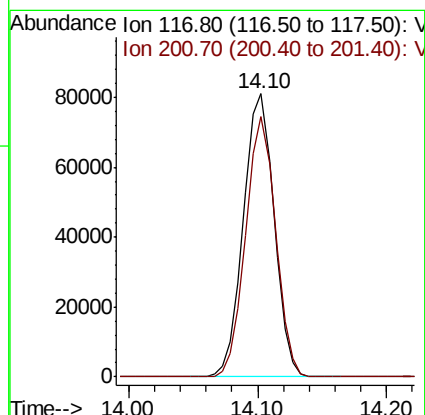
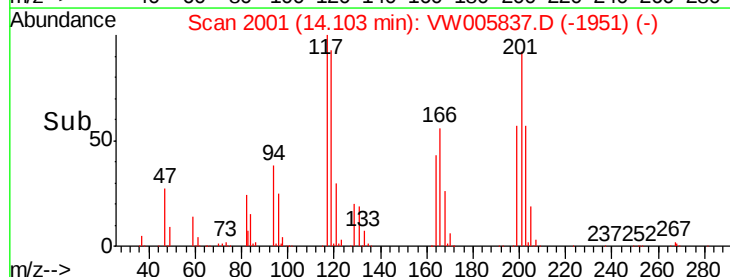
117 100

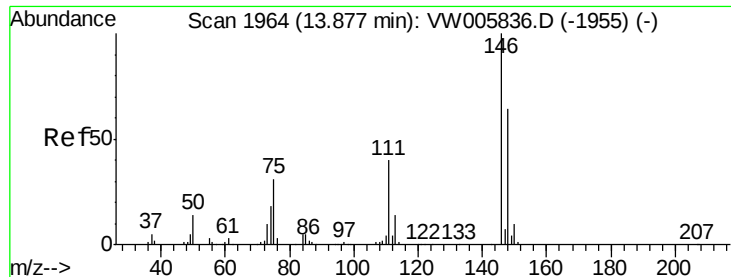
201 89.4 43.7 131.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 78.443 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

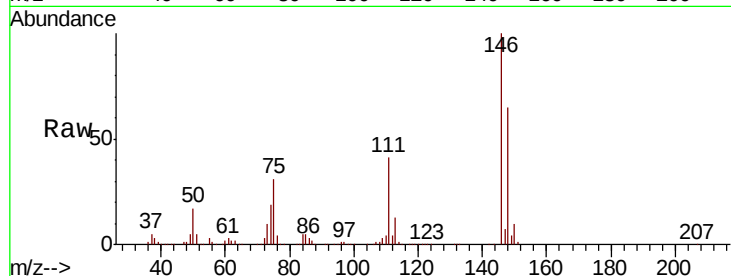
Tgt Ion:146 Resp: 345228

Ion Ratio Lower Upper

146 100

111 41.4 20.4 61.3

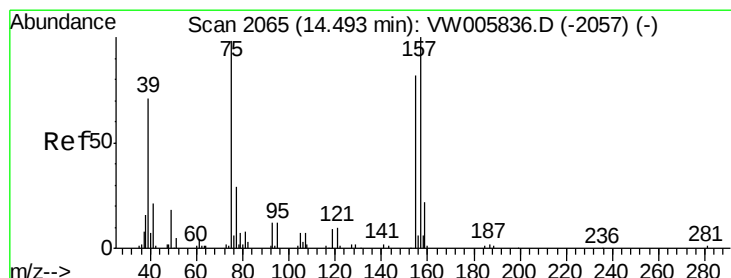
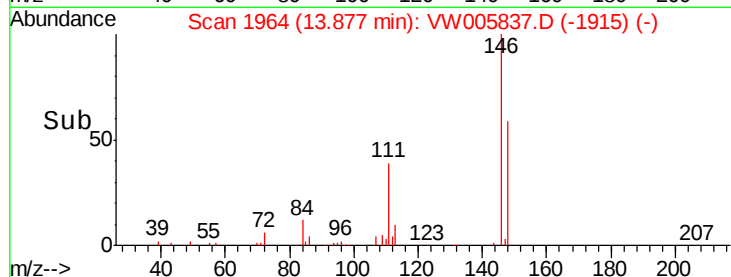
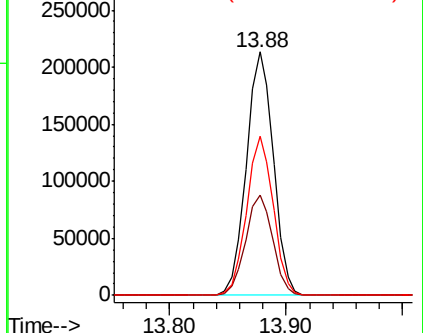
148 64.3 32.1 96.3



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: 80.647 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005837.D

Acq: 04 Oct 2018 04:55

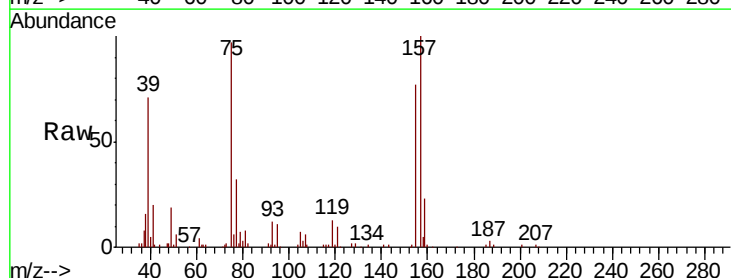
Tgt Ion: 75 Resp: 26857

Ion Ratio Lower Upper

75 100

155 78.2 41.3 123.9

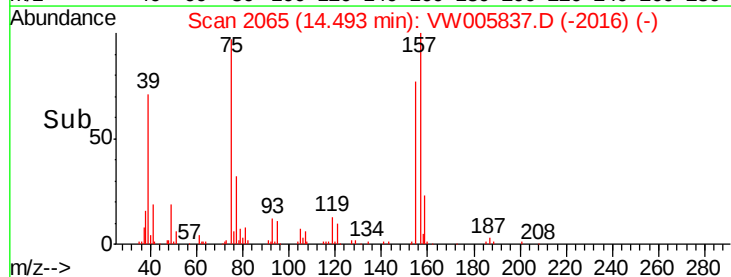
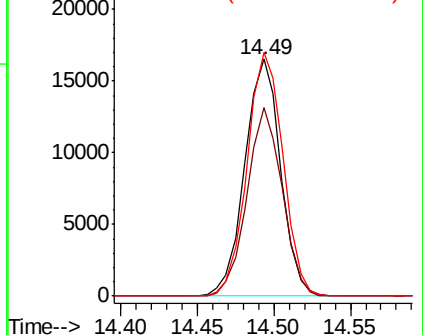
157 103.6 51.9 155.7

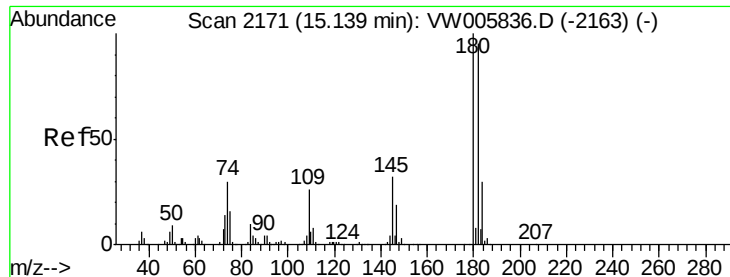


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

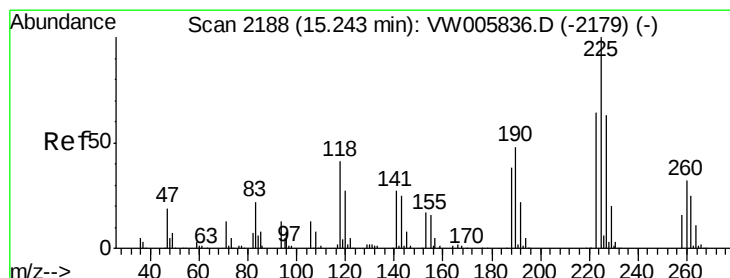
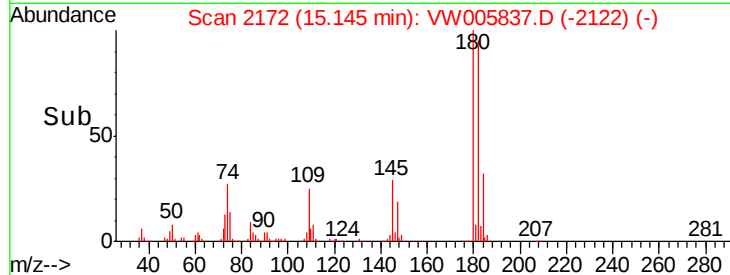
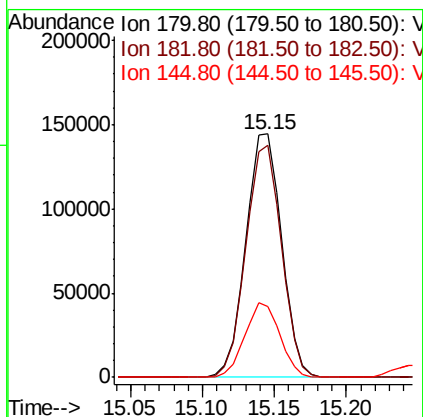
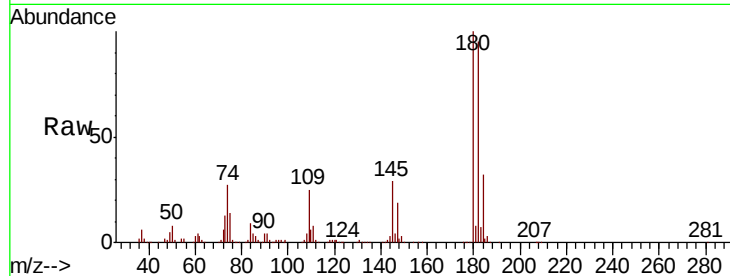




#93
 1,2,4-Trichlorobenzene
 Concen: 79.398 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

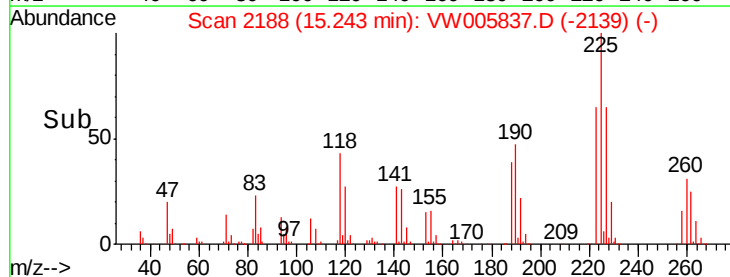
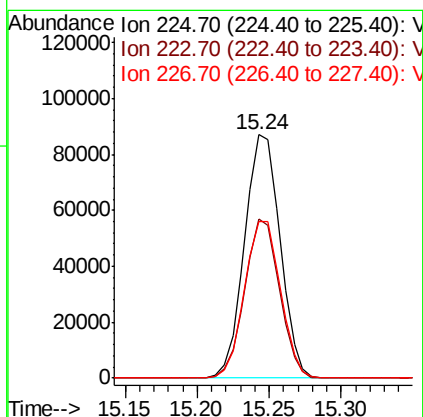
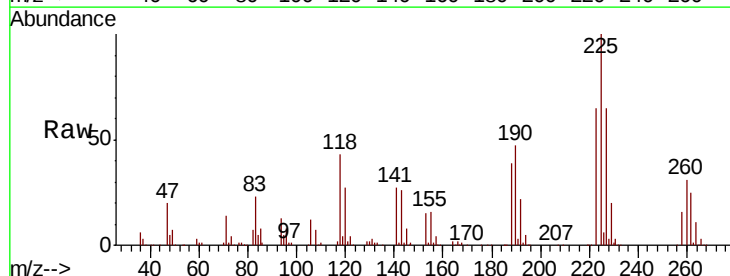
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

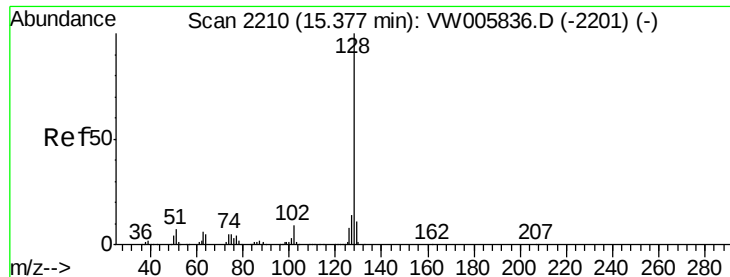
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	29.8	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 73.888 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005837.D
 Acq: 04 Oct 2018 04:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.2	93.6
227	65.2	31.7	95.1

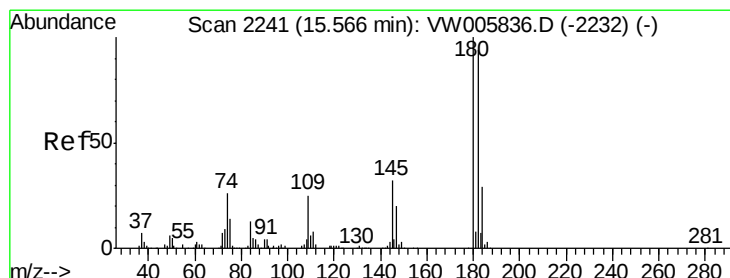
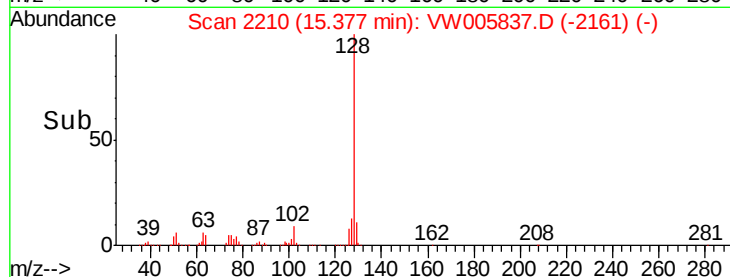
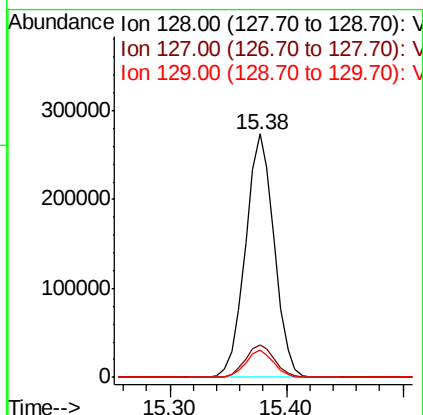
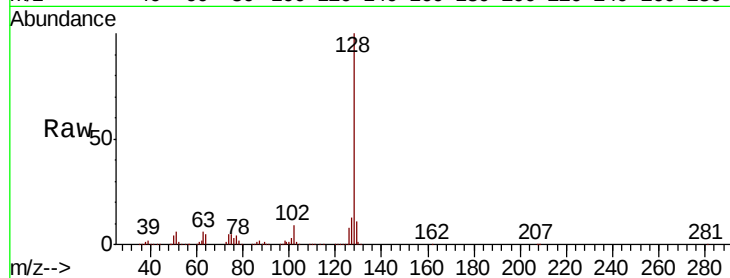




#95
Naphthalene
Concen: 88.344 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	10.8	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 80.908 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005837.D
Acq: 04 Oct 2018 04:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	142.0
145	32.1	16.1	48.2

