

Data File : VW005400.D
Acq On : 14 Sep 2018 22:50
Operator : SY/AP
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Sep 15 02:05:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	205414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	314468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	309419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	12309	7.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	15.22%	
35) Dibromofluoromethane	7.90	113	9593	5.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.62%	
50) Toluene-d8	10.33	98	41563	5.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.12%	
62) 4-Bromofluorobenzene	12.62	95	15097	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	11444	6.350 ug/l	99
3) Chloromethane	2.21	50	13719	5.774 ug/l	97
4) Vinyl Chloride	2.36	62	12597	5.749 ug/l	97
5) Bromomethane	2.78	94	11563	7.734 ug/l	91
6) Chloroethane	2.92	64	7536	6.154 ug/l	92
7) Trichlorofluoromethane	3.27	101	17116	6.697 ug/l	96
8) Diethyl Ether	3.69	74	4888	5.542 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	10072	5.729 ug/l	99
10) Methyl Iodide	4.28	142	4977	2.556 ug/l	97
11) Tert butyl alcohol	5.23	59	4006	31.485 ug/l #	85
12) 1,1-Dichloroethene	4.04	96	8792	5.449 ug/l	99
13) Acrolein	3.92	56	2997	25.640 ug/l	86
14) Allyl chloride	4.68	41	15495	6.030 ug/l	100
15) Acrylonitrile	5.38	53	10656	26.758 ug/l	97
16) Acetone	4.16	43	11348	38.899 ug/l	94
17) Carbon Disulfide	4.39	76	30862	5.460 ug/l	99
18) Methyl Acetate	4.69	43	5934	6.744 ug/l	99
19) Methyl tert-butyl Ether	5.44	73	21275	5.385 ug/l	96
20) Methylene Chloride	4.93	84	19274	7.930 ug/l	94
21) trans-1,2-Dichloroethene	5.44	96	10374	5.475 ug/l	92
22) Diisopropyl ether	6.32	45	27083	5.228 ug/l	92
23) Vinyl Acetate	6.27	43	79091	27.301 ug/l	98
24) 1,1-Dichloroethane	6.23	63	18822	5.936 ug/l	98
25) 2-Butanone	7.19	43	13952	30.266 ug/l	94
26) 2,2-Dichloropropane	7.18	77	18520	6.725 ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	11150	5.480 ug/l	94
28) Bromochloromethane	7.52	49	8242	7.065 ug/l #	97
29) Tetrahydrofuran	7.55	42	8618	28.049 ug/l	98
30) Chloroform	7.68	83	20439	6.420 ug/l	93
31) Cyclohexane	7.96	56	20049	6.110 ug/l #	80
32) 1,1,1-Trichloroethane	7.88	97	18626	6.431 ug/l	99
36) 1,1-Dichloropropene	8.09	75	15229	5.259 ug/l	98
37) Ethyl Acetate	7.27	43	6475	5.786 ug/l	97
38) Carbon Tetrachloride	8.07	117	16842	6.101 ug/l	85

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Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Sep 15 02:05:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	16819	4.469	ug/l	97
40) Benzene	8.33	78	45151	5.321	ug/l	94
41) Methacrylonitrile	7.49	41	3401	5.825	ug/l	90
42) 1,2-Dichloroethane	8.41	62	14762	6.895	ug/l	98
43) Isopropyl Acetate	8.44	43	12039	5.762	ug/l	96
44) Trichloroethene	9.10	130	11289	4.900	ug/l	87
45) 1,2-Dichloropropane	9.37	63	10795	5.296	ug/l	98
46) Dibromomethane	9.46	93	5239	5.210	ug/l	92
47) Bromodichloromethane	9.65	83	14287	5.724	ug/l	94
48) Methyl methacrylate	9.45	41	5717	5.310	ug/l	95
49) 1,4-Dioxane	9.48	88	1727	94.598	ug/l #	98
51) 4-Methyl-2-Pentanone	10.22	43	29589	25.501	ug/l	98
52) Toluene	10.40	92	29166	4.756	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	13279	4.988	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	15106	4.786	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	8412	5.337	ug/l	93
56) Ethyl methacrylate	10.65	69	8546	4.262	ug/l	95
57) 1,3-Dichloropropane	10.94	76	13114	4.957	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	19508	22.282	ug/l	98
59) 2-Hexanone	10.98	43	19676	23.618	ug/l	97
60) Dibromochloromethane	11.13	129	9533	5.374	ug/l	97
61) 1,2-Dibromoethane	11.24	107	7048	4.881	ug/l	97
64) Tetrachloroethene	10.87	164	11563	5.050	ug/l	96
65) Chlorobenzene	11.66	112	34180	5.080	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	10901	5.361	ug/l	97
67) Ethyl Benzene	11.74	91	55849	4.753	ug/l	99
68) m/p-Xylenes	11.85	106	42721	9.074	ug/l	98
69) o-Xylene	12.18	106	19823	4.534	ug/l	97
70) Styrene	12.19	104	30901	4.318	ug/l	99
71) Bromoform	12.35	173	5569	5.071	ug/l #	99
73) Isopropylbenzene	12.47	105	52838	4.581	ug/l	99
74) N-amyl acetate	12.28	43	11013	4.915	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	8612	4.991	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	12421	9.852	ug/l #	100
77) Bromobenzene	12.75	156	14051	5.148	ug/l	95
78) n-propylbenzene	12.81	91	63980	4.585	ug/l	99
79) 2-Chlorotoluene	12.90	91	39352	4.909	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	45098	4.537	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	2483	4.647	ug/l	96
82) 4-Chlorotoluene	12.99	91	41465	4.910	ug/l	99
83) tert-Butylbenzene	13.21	119	37860	4.392	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	45883	4.573	ug/l	99
85) sec-Butylbenzene	13.39	105	56027	4.529	ug/l	99
86) p-Isopropyltoluene	13.51	119	48169	4.389	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	28906	5.075	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	28683	5.095	ug/l	91
89) n-Butylbenzene	13.83	91	46650	4.522	ug/l	99
90) Hexachloroethane	14.10	117	9220	5.187	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	25132	4.994	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1695	5.779	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091618\
Quantitation Report (Not Reviewed)

Data File : VW005400.D
Acq On : 14 Sep 2018 22:50
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Sep 15 02:05:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	15380	4.345	ug/l	98
94) Hexachlorobutadiene	15.25	225	10591	4.674	ug/l	95
95) Naphthalene	15.38	128	23201	4.049	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	13586	4.469	ug/l	98

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

Data File : VW005400.D

Acq On : 14 Sep 2018 22:50

Operator : SY/AP

Sample : VSTDICC005

Misc : 5.00G/5ML/MSVOA_W/SOIL

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

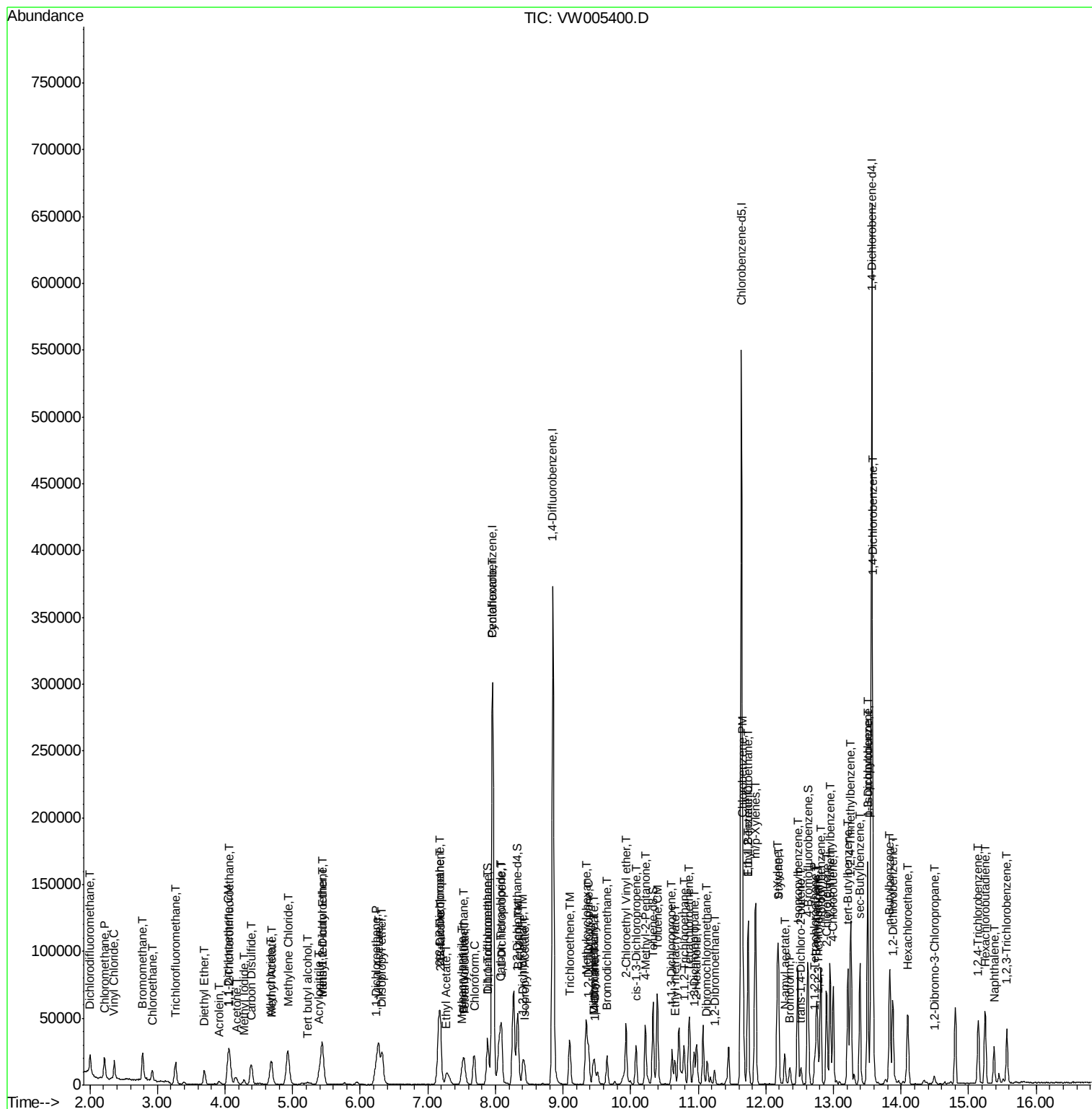
Quant Time: Sep 15 02:05:49 2018

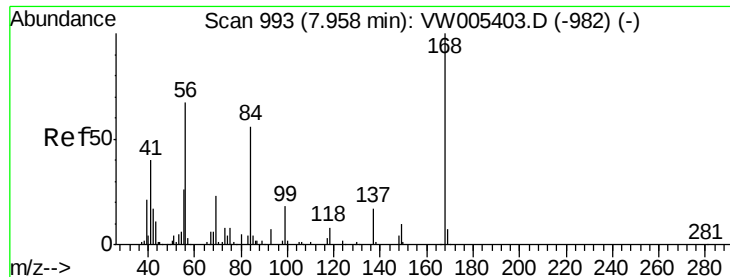
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W091618S.M

Quant Title : SW846 8260

QLast Update : Sat Sep 15 02:05:37 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

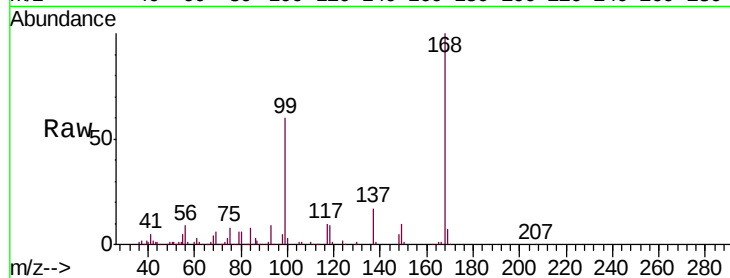
VSTDIC005

Tgt Ion:168 Resp: 205414

Ion Ratio Lower Upper

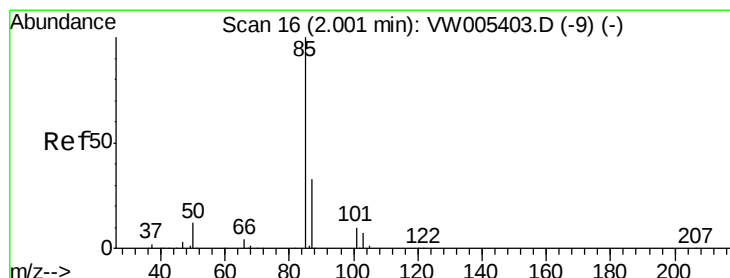
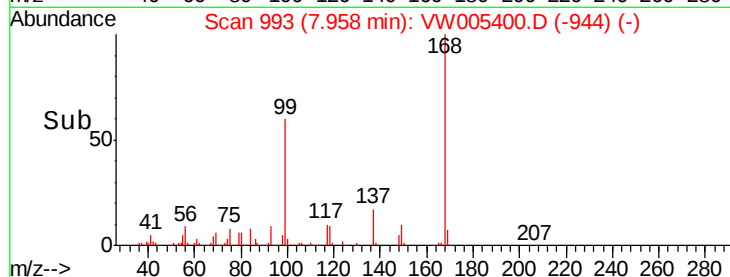
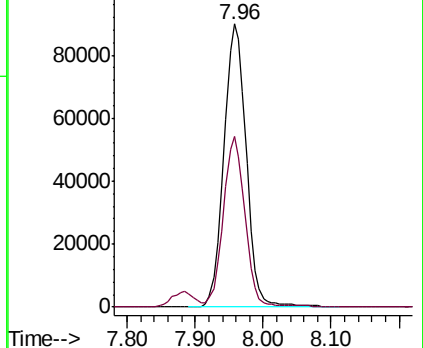
168 100

99 60.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 6.350 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005400.D

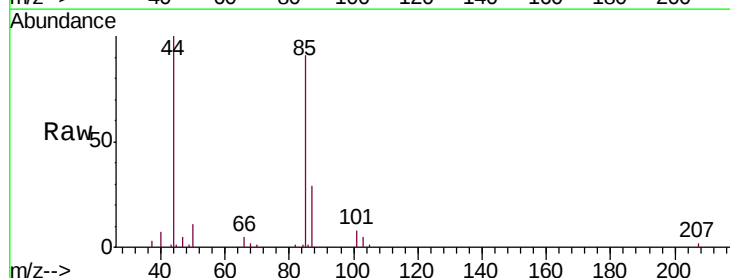
Acq: 14 Sep 2018 22:50

Tgt Ion: 85 Resp: 11444

Ion Ratio Lower Upper

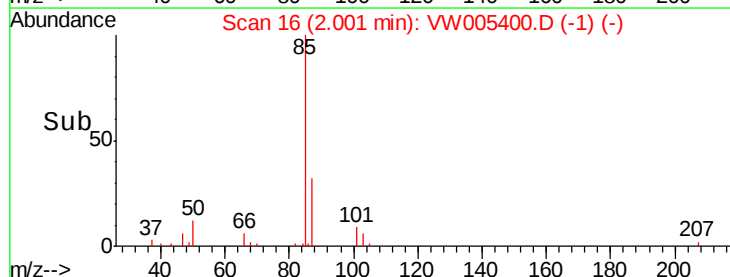
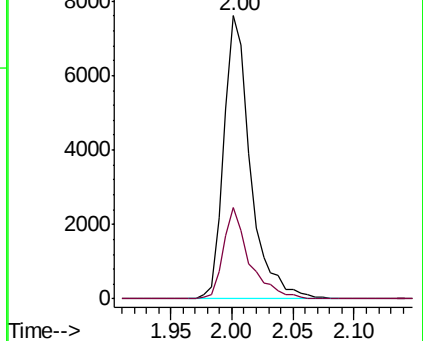
85 100

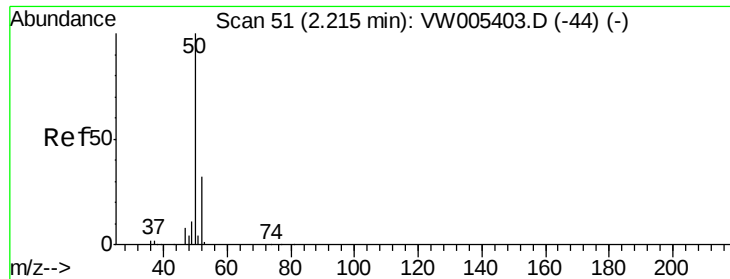
87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 5.774 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

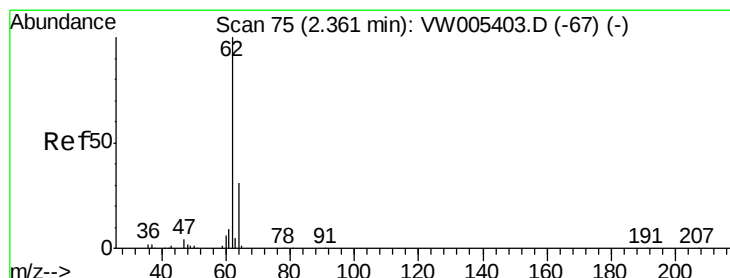
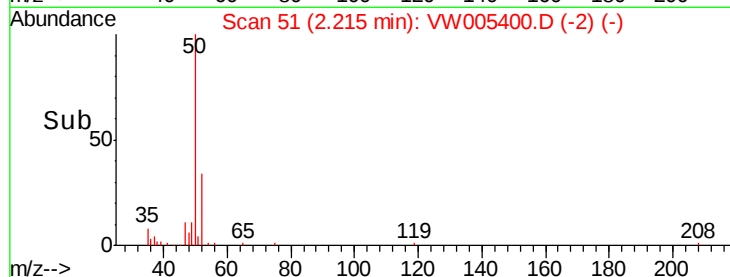
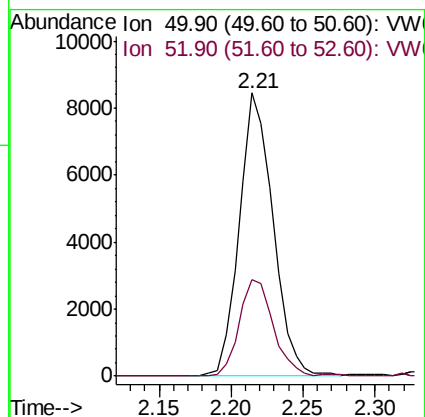
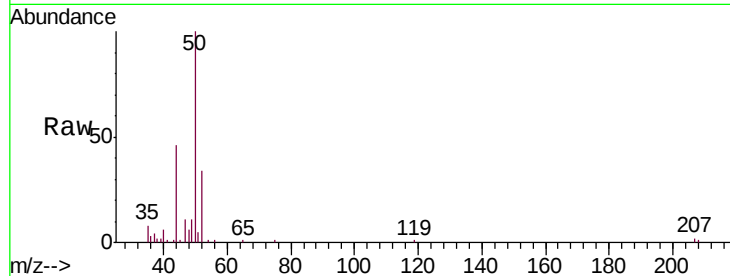
VSTDIC005

Tgt Ion: 50 Resp: 13719

Ion Ratio Lower Upper

50 100

52 34.0 25.8 38.6



#4

Vinyl Chloride

Concen: 5.749 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005400.D

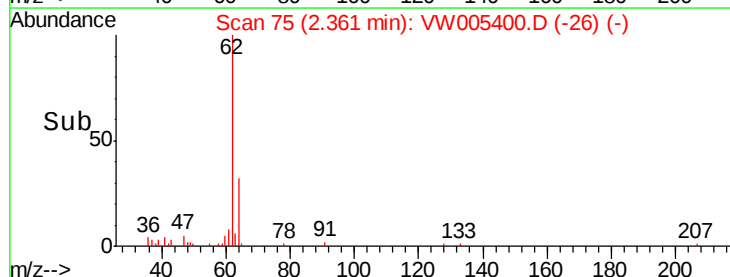
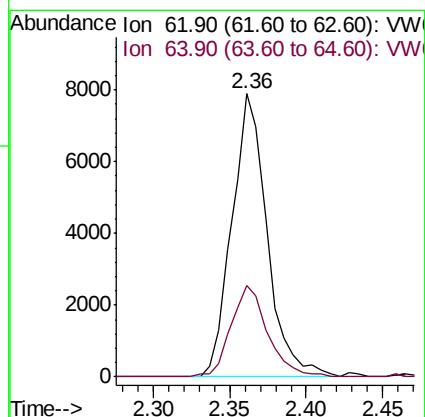
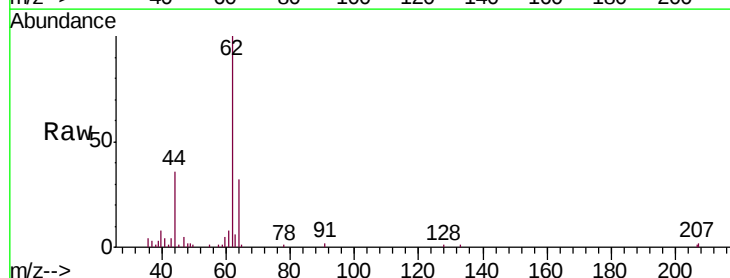
Acq: 14 Sep 2018 22:50

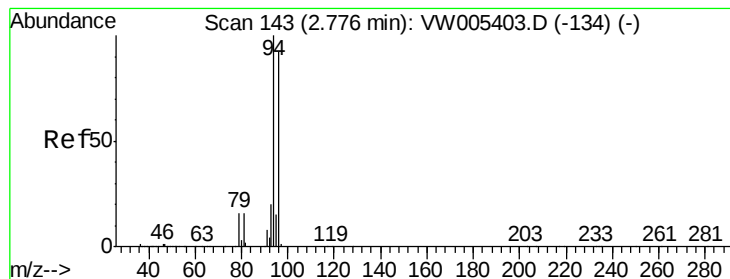
Tgt Ion: 62 Resp: 12597

Ion Ratio Lower Upper

62 100

64 32.3 24.5 36.7





#5

Bromomethane

Concen: 7.734 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

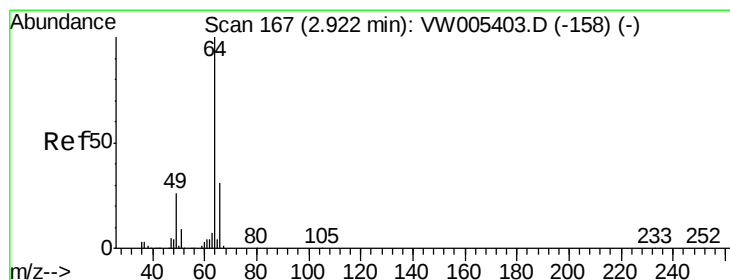
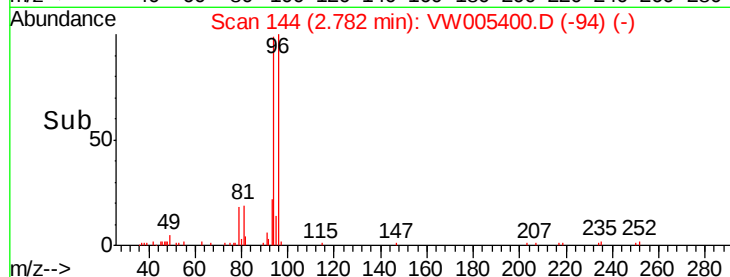
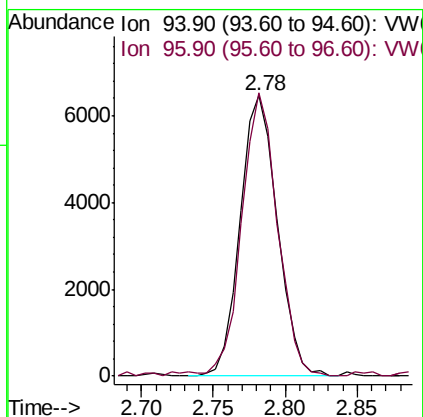
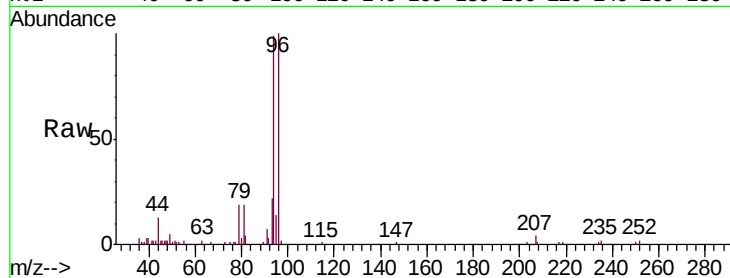
VSTDIC005

Tgt Ion: 94 Resp: 11563

Ion Ratio Lower Upper

94 100

96 101.0 73.7 110.5



#6

Chloroethane

Concen: 6.154 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW005400.D

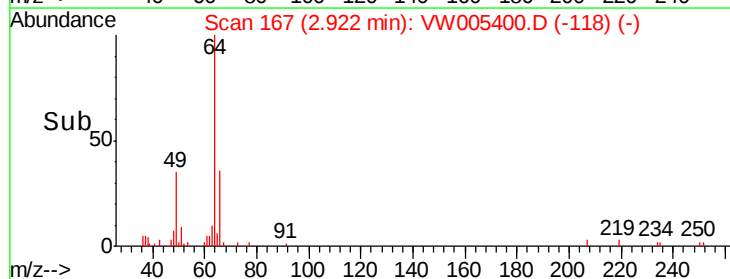
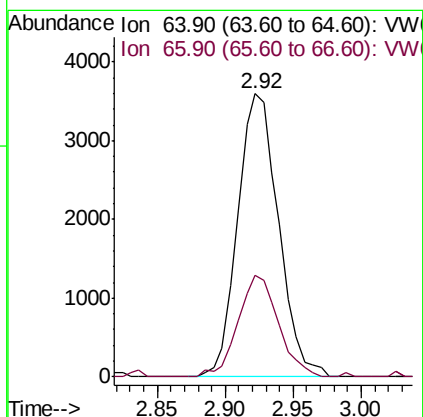
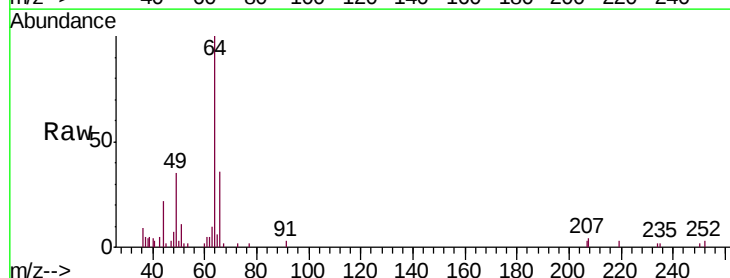
Acq: 14 Sep 2018 22:50

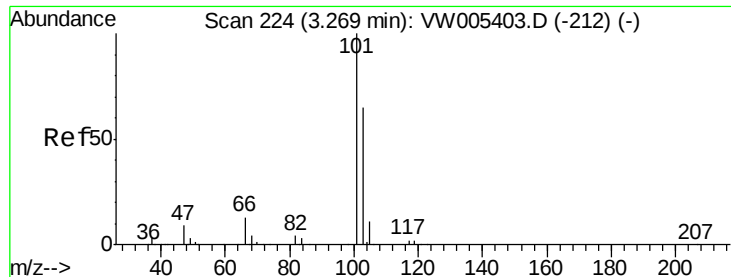
Tgt Ion: 64 Resp: 7536

Ion Ratio Lower Upper

64 100

66 35.9 25.2 37.8



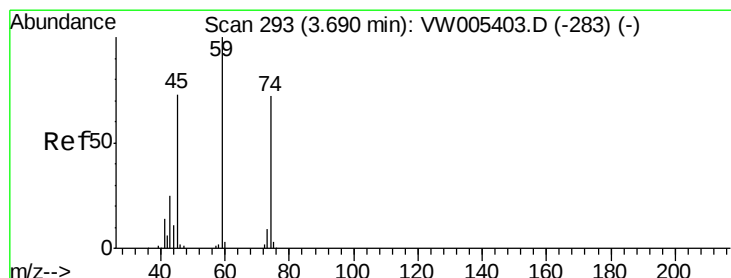
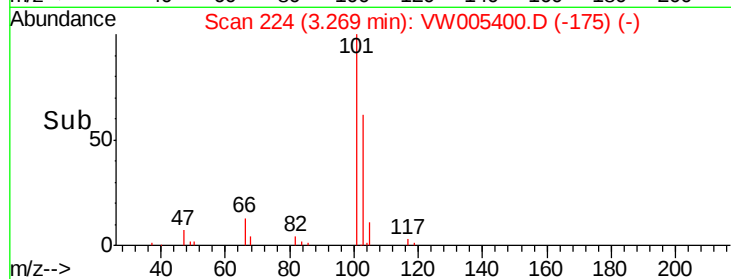
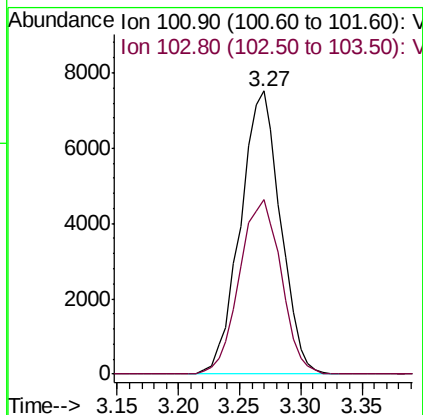
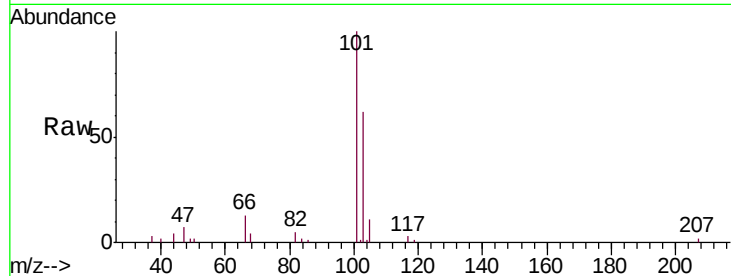


#7

Trichlorofluoromethane
 Concen: 6.697 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

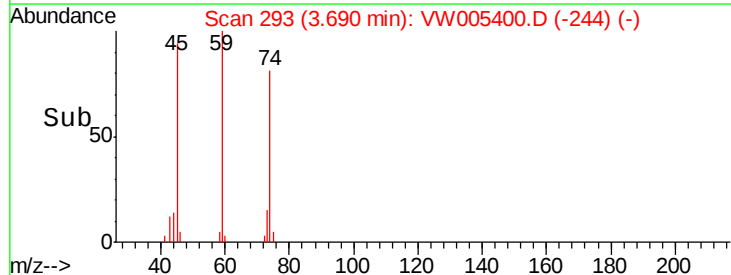
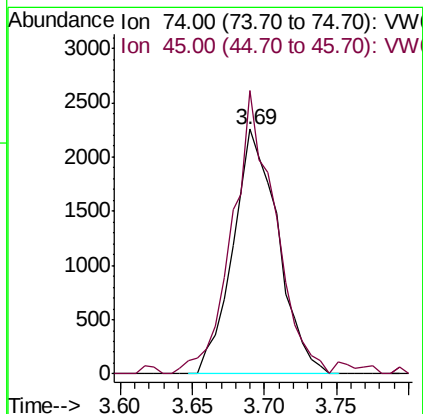
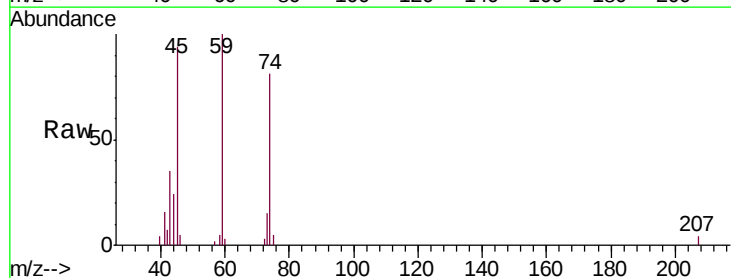
Tgt Ion: 101 Resp: 17116
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.7 77.5

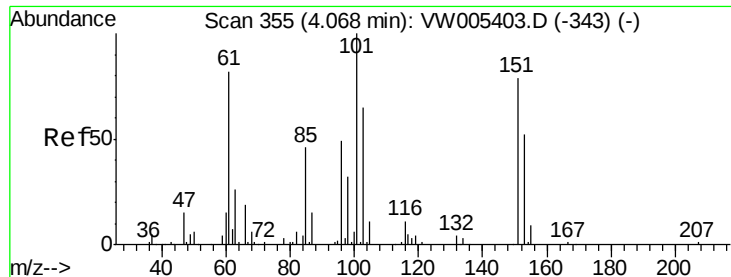


#8

Diethyl Ether
 Concen: 5.542 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion: 74 Resp: 4888
 Ion Ratio Lower Upper
 74 100
 45 111.0 53.1 159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.729 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

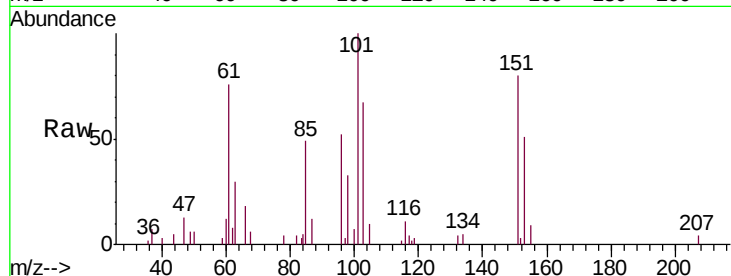
Tgt Ion:101 Resp: 10072

Ion Ratio Lower Upper

101 100

85 46.7 36.6 54.8

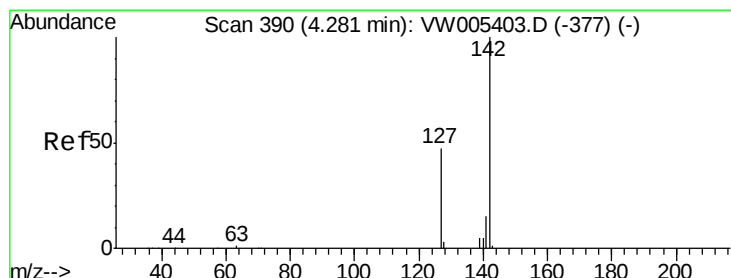
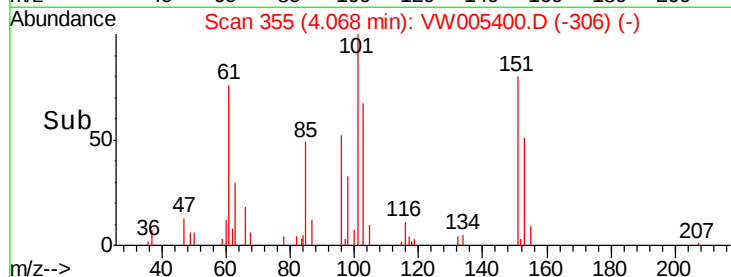
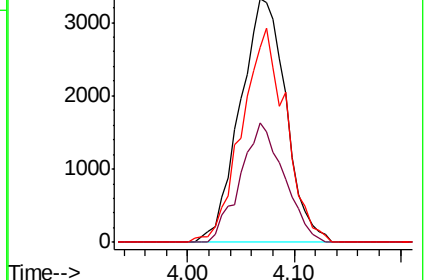
151 84.3 66.3 99.5



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: 2.556 ug/l

RT: 4.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

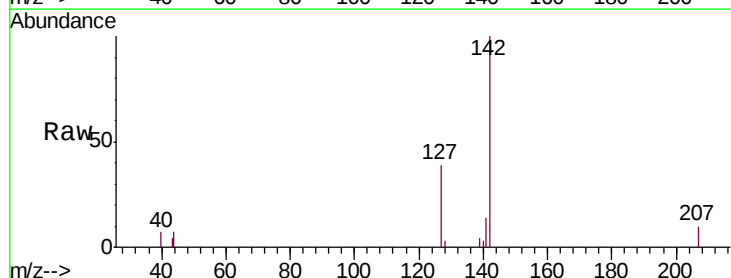
Tgt Ion:142 Resp: 4977

Ion Ratio Lower Upper

142 100

127 45.0 37.5 56.3

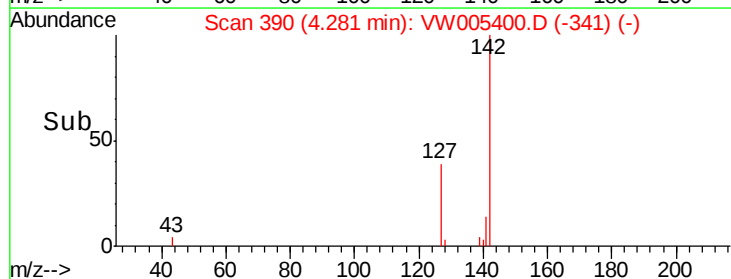
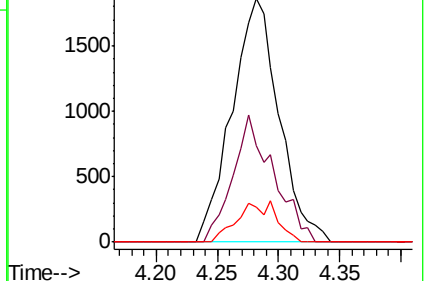
141 13.8 12.4 18.6

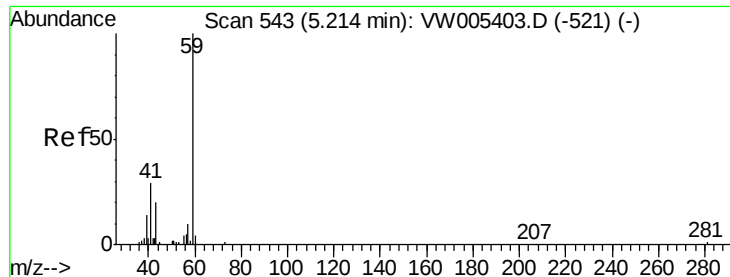


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

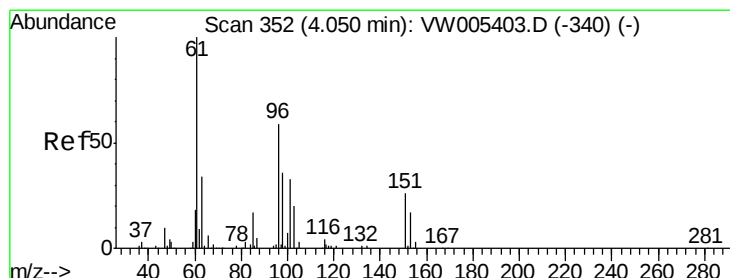
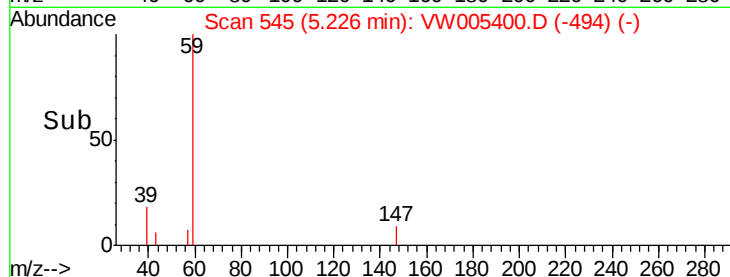
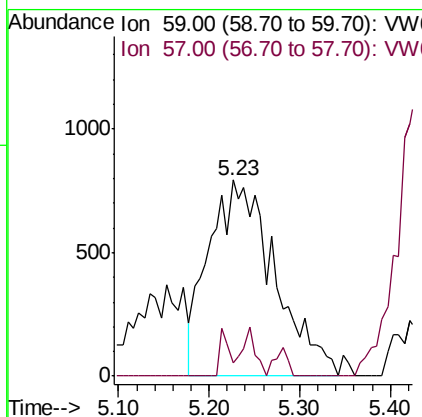
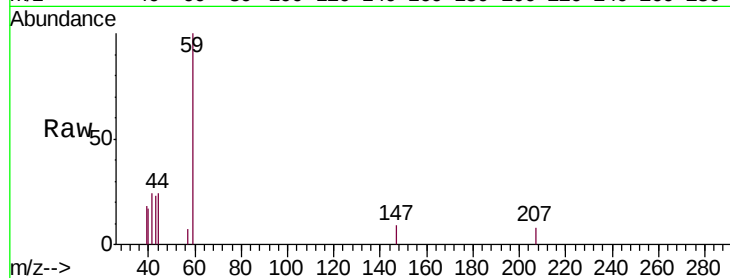




#11
Tert butyl alcohol
Concen: 31.485 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

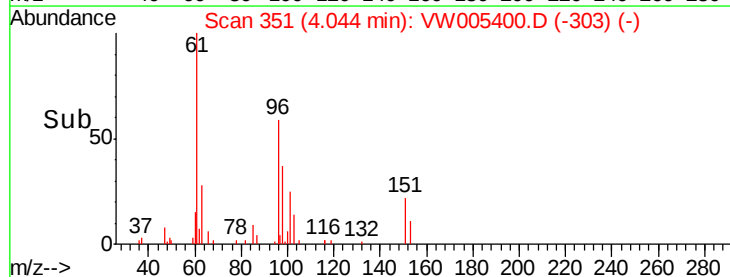
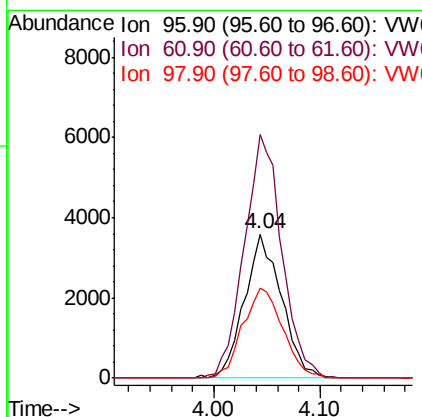
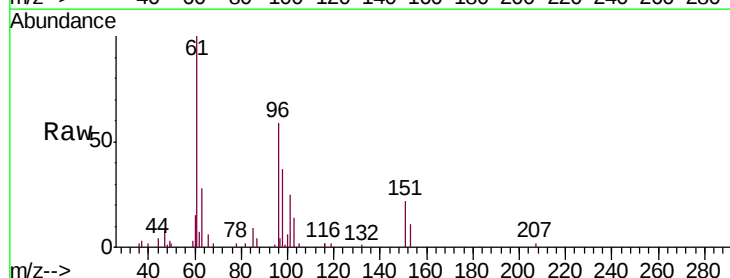
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

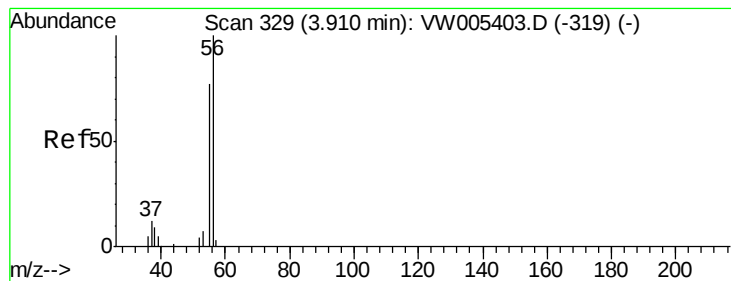
Tgt Ion: 59 Resp: 4006
Ion Ratio Lower Upper
59 100
57 5.0 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 5.449 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 96 Resp: 8792
Ion Ratio Lower Upper
96 100
61 169.2 135.7 203.5
98 62.2 48.6 73.0





#13

Acrolein

Concen: 25.640 ug/l

RT: 3.92 min Scan# 330

Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

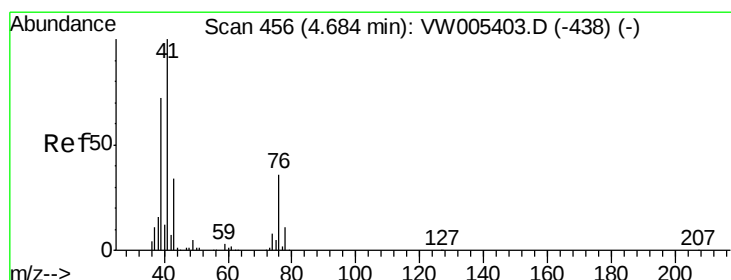
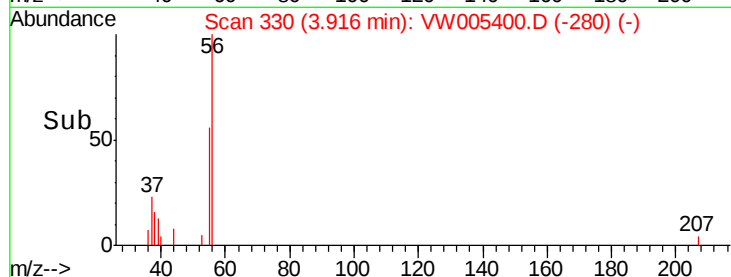
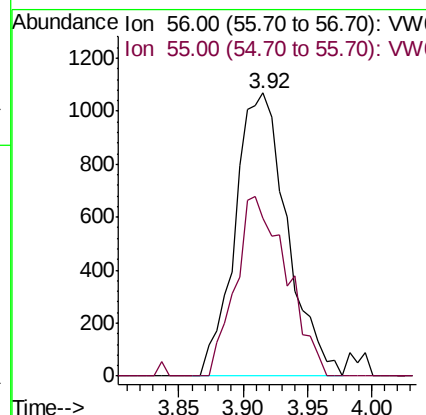
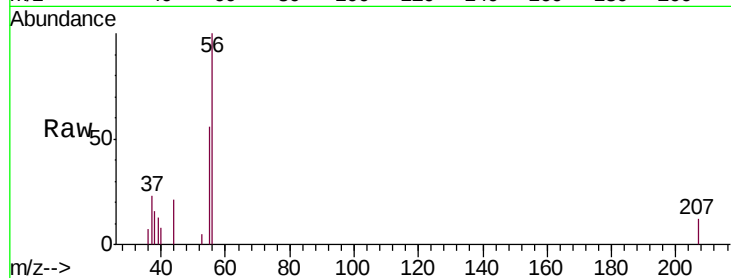
VSTDIC005

Tgt Ion: 56 Resp: 2997

Ion Ratio Lower Upper

56 100

55 62.6 59.8 89.8



#14

Allyl chloride

Concen: 6.030 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

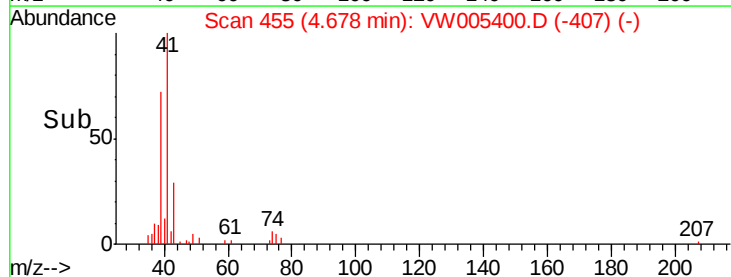
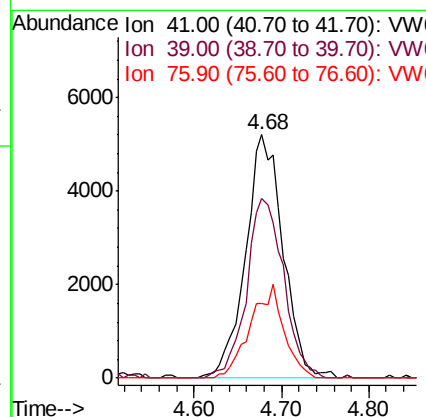
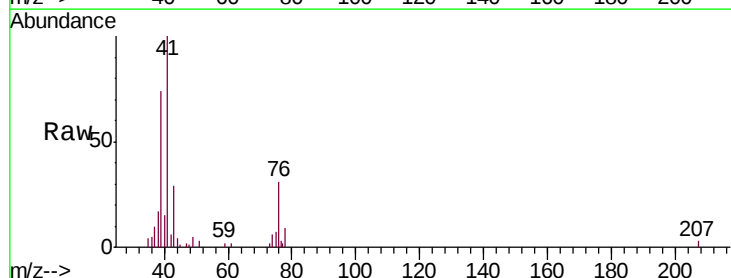
Tgt Ion: 41 Resp: 15495

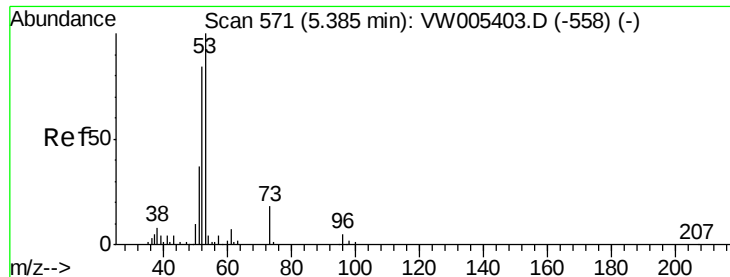
Ion Ratio Lower Upper

41 100

39 72.9 58.6 88.0

76 34.2 27.4 41.0





#15

Acrylonitrile

Concen: 26.758 ug/l

RT: 5.38 min Scan# 571

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

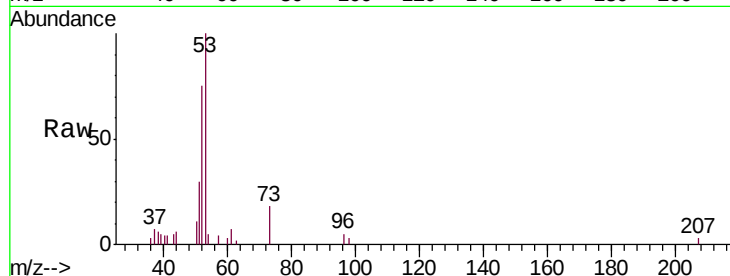
Tgt Ion: 53 Resp: 10656

Ion Ratio Lower Upper

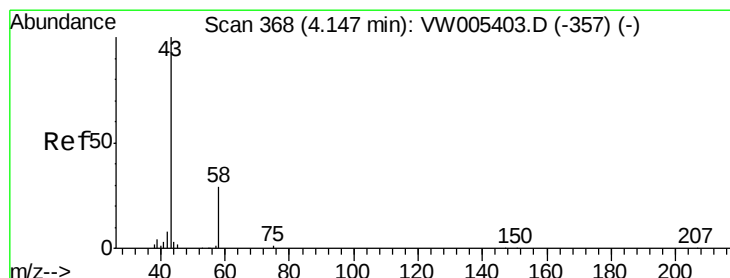
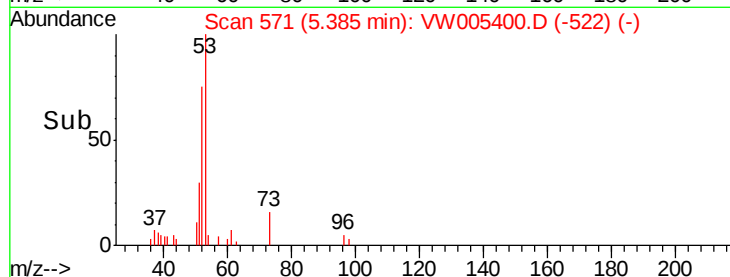
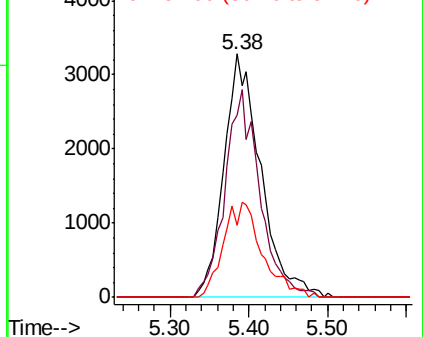
53 100

52 80.5 66.6 99.8

51 41.4 31.1 46.7



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: 38.899 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW005400.D

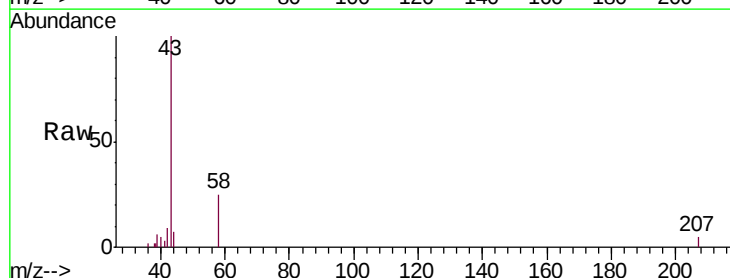
Acq: 14 Sep 2018 22:50

Tgt Ion: 43 Resp: 11348

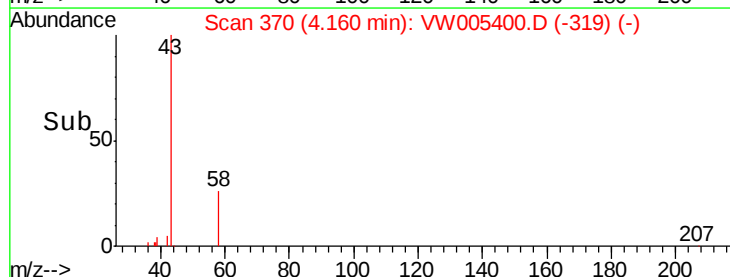
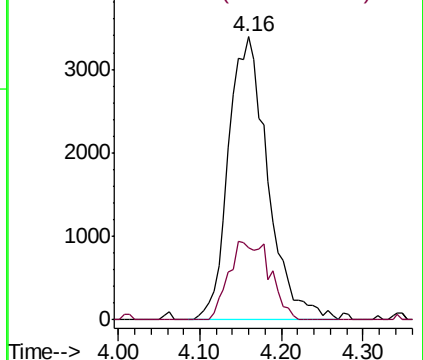
Ion Ratio Lower Upper

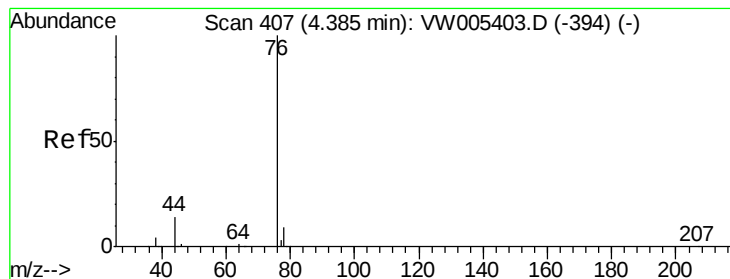
43 100

58 25.3 22.8 34.2



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





#17

Carbon Disulfide

Concen: 5.460 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

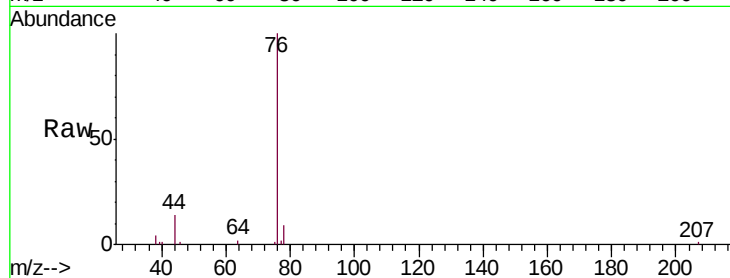
VSTDIC005

Tgt Ion: 76 Resp: 30862

Ion Ratio Lower Upper

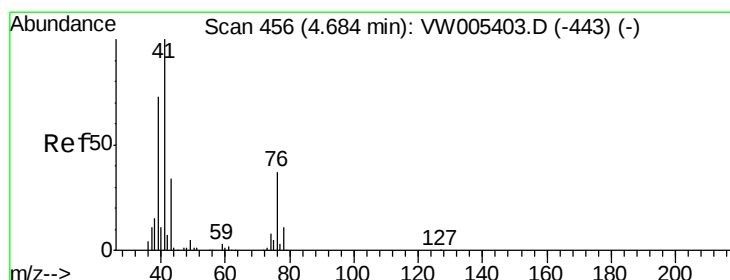
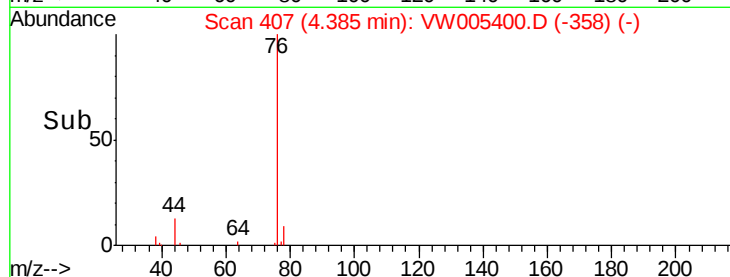
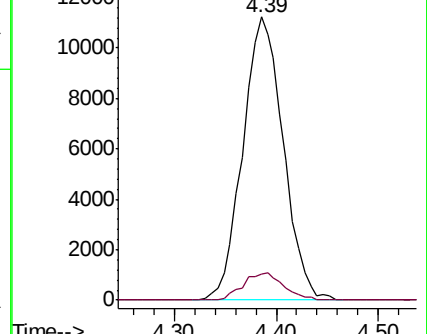
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 6.744 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005400.D

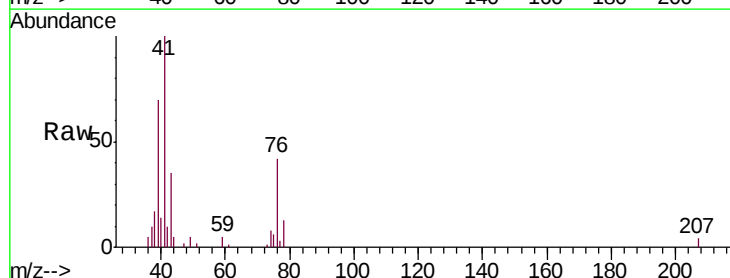
Acq: 14 Sep 2018 22:50

Tgt Ion: 43 Resp: 5934

Ion Ratio Lower Upper

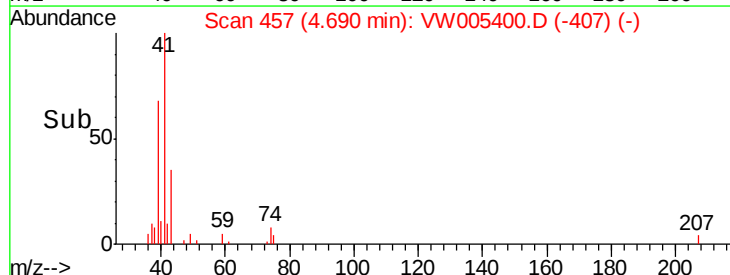
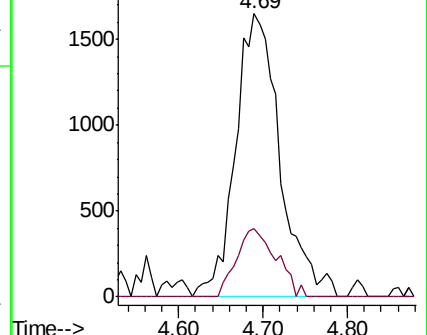
43 100

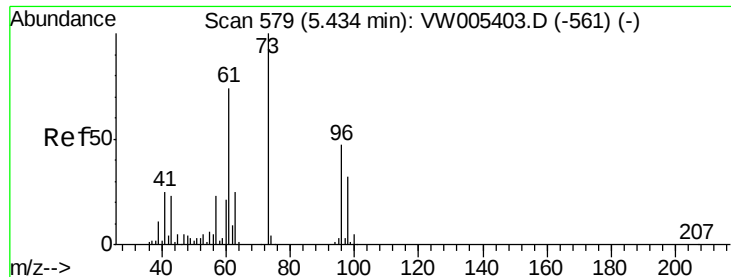
74 21.5 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

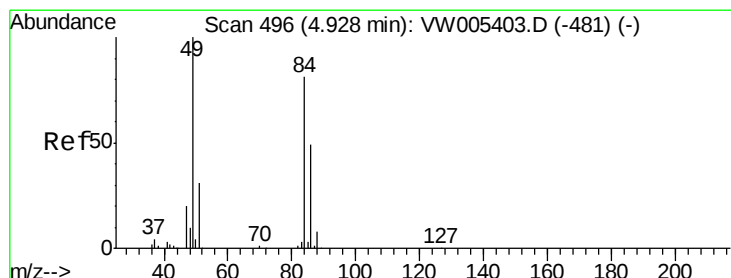
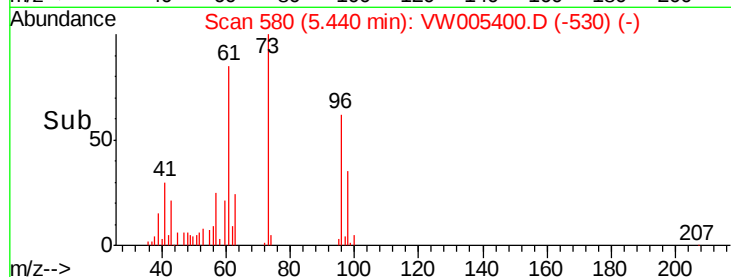
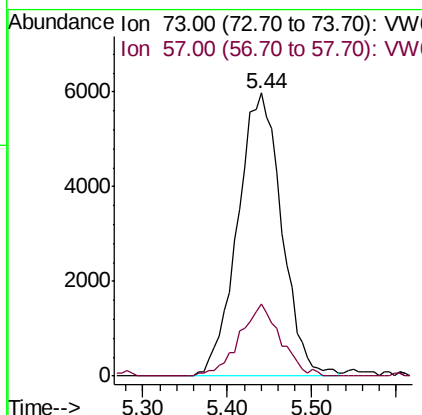
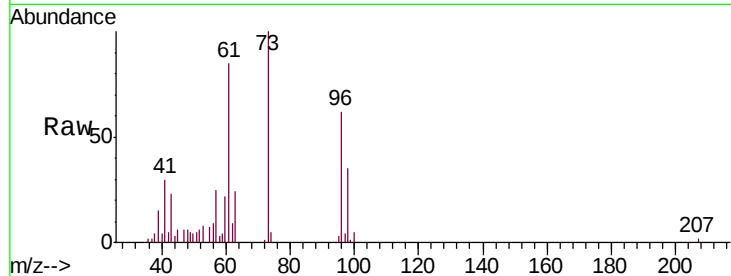




#19
Methyl tert-butyl Ether
Concen: 5.385 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

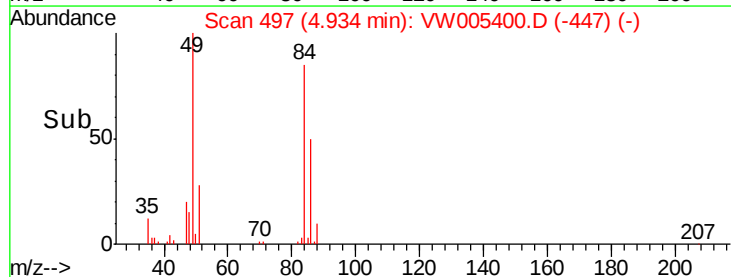
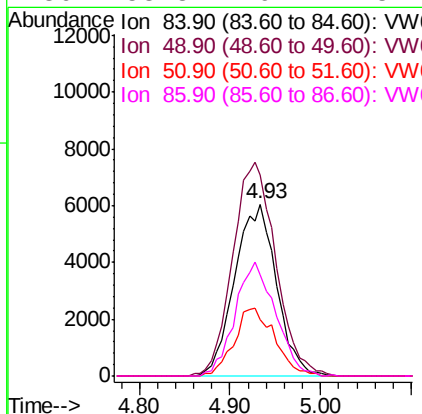
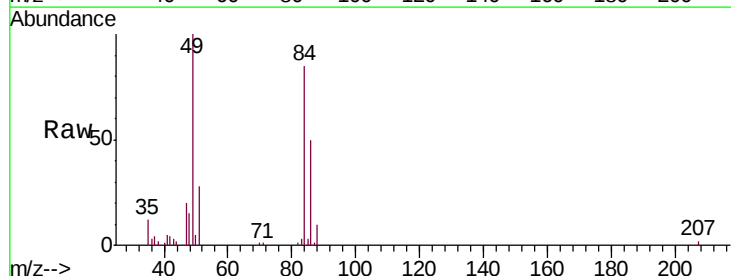
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

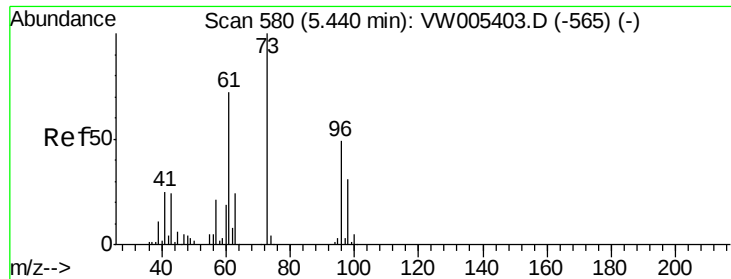
Tgt Ion: 73 Resp: 21275
Ion Ratio Lower Upper
73 100
57 25.5 18.6 28.0



#20
Methylene Chloride
Concen: 7.930 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 84 Resp: 19274
Ion Ratio Lower Upper
84 100
49 117.3 99.3 148.9
51 32.7 31.1 46.7
86 58.8 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 5.475 ug/l

RT: 5.44 min Scan# 580

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

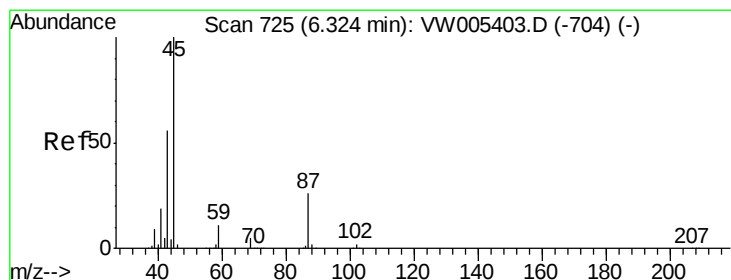
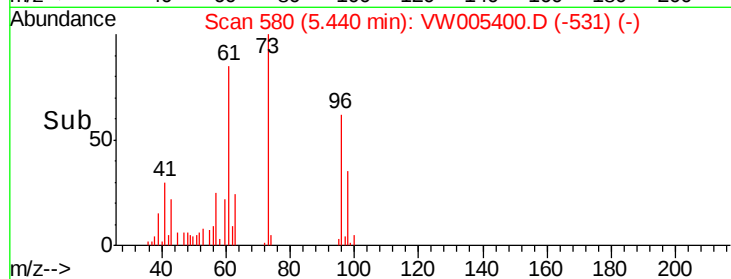
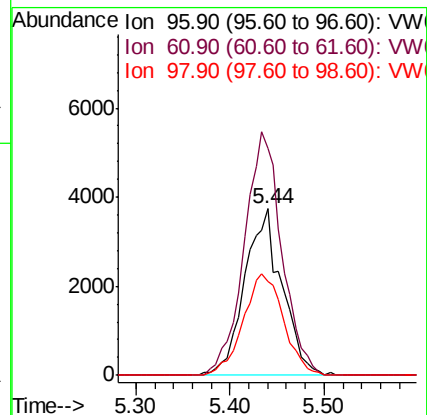
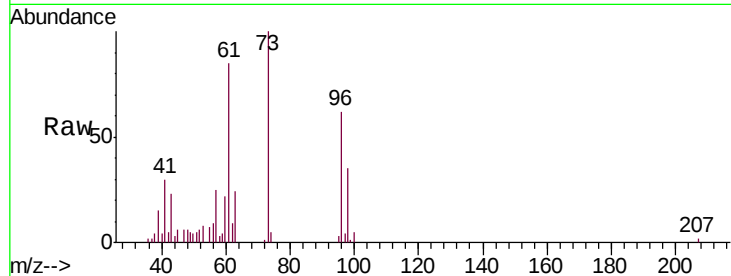
Tgt Ion: 96 Resp: 10374

Ion Ratio Lower Upper

96 100

61 136.5 116.7 175.1

98 56.5 51.0 76.6



#22

Diisopropyl ether

Concen: 5.228 ug/l

RT: 6.32 min Scan# 725

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Tgt Ion: 45 Resp: 27083

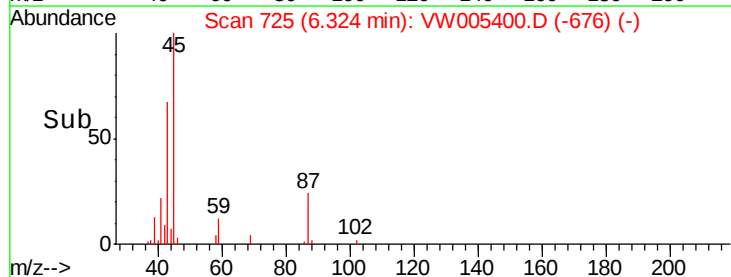
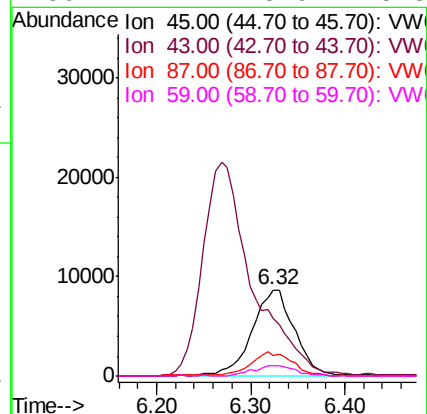
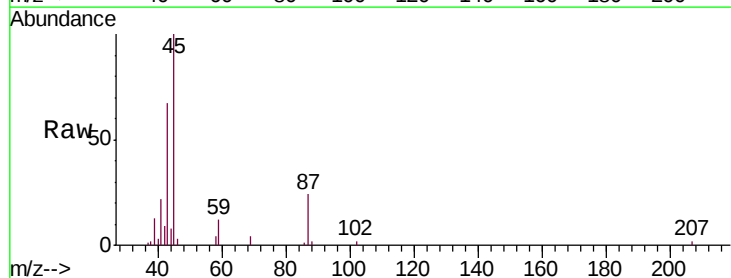
Ion Ratio Lower Upper

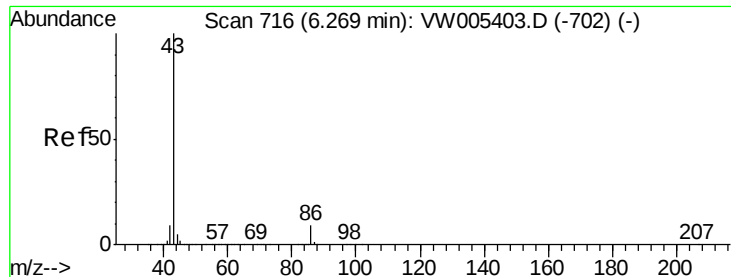
45 100

43 63.4 44.6 67.0

87 23.3 20.6 31.0

59 11.7 8.9 13.3





#23

Vinyl Acetate

Concen: 27.301 ug/l

RT: 6.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

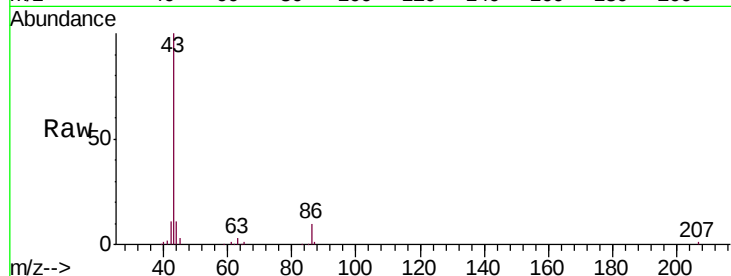
VSTDIC005

Tgt Ion: 43 Resp: 79091

Ion Ratio Lower Upper

43 100

86 10.2 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

25000

20000

15000

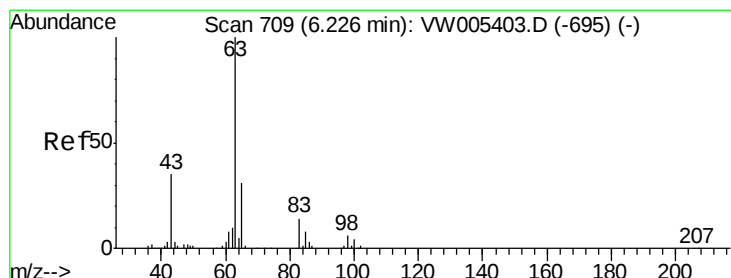
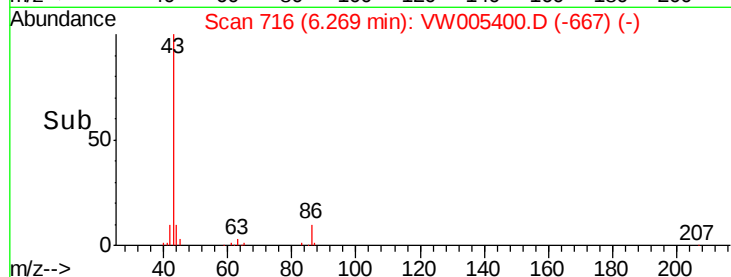
10000

5000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 5.936 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

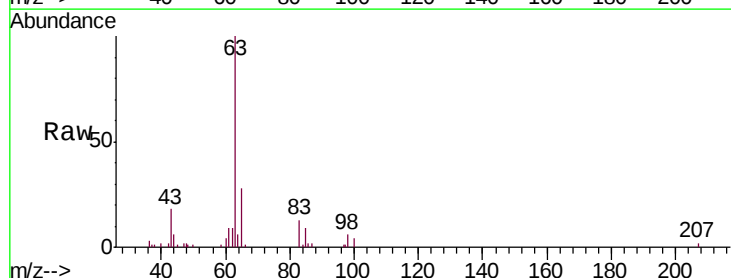
Tgt Ion: 63 Resp: 18822

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 3.7 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

8000

6000

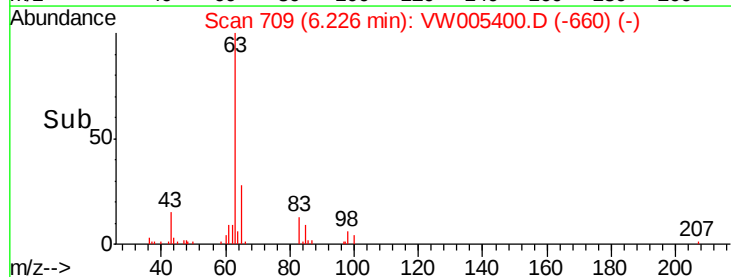
4000

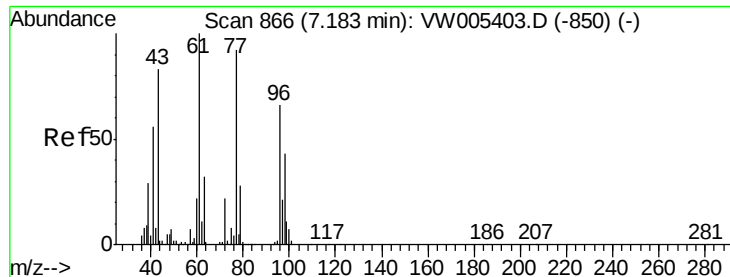
2000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 30.266 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampled :

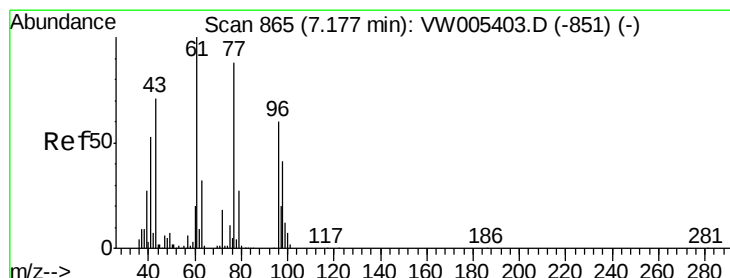
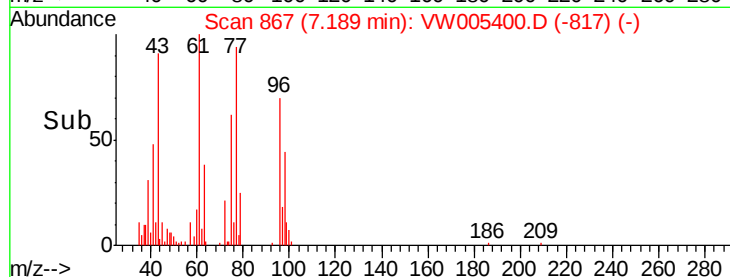
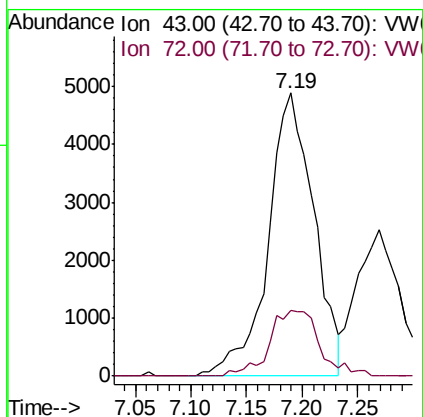
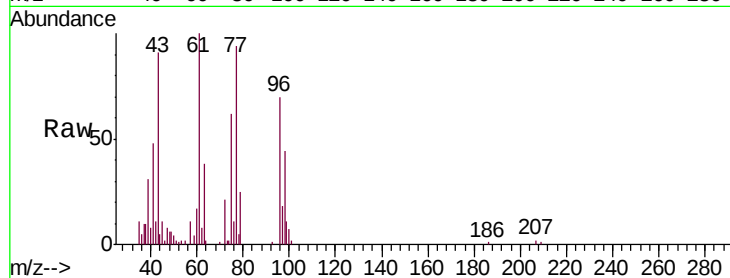
VSTDIC005

Tgt Ion: 43 Resp: 13952

Ion Ratio Lower Upper

43 100

72 23.2 21.1 31.7



#26

2,2-Dichloropropane

Concen: 6.725 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005400.D

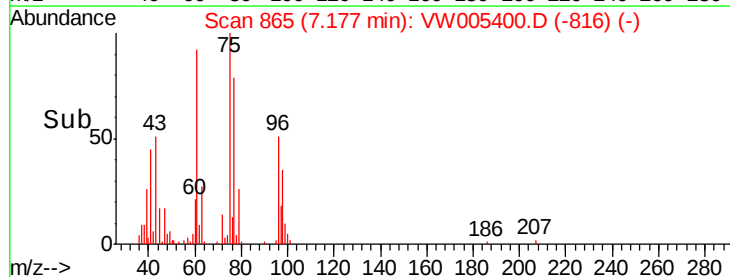
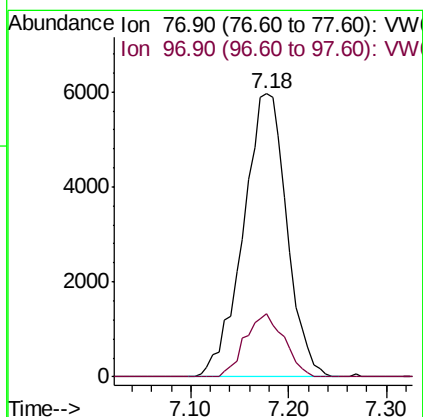
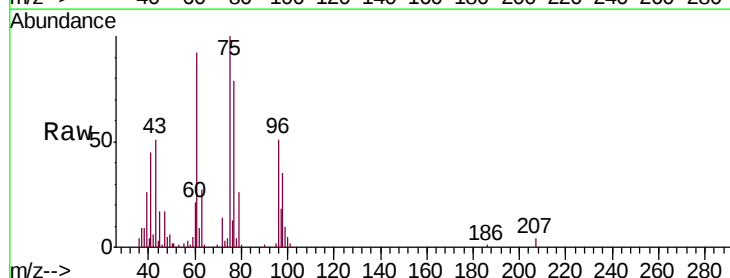
Acq: 14 Sep 2018 22:50

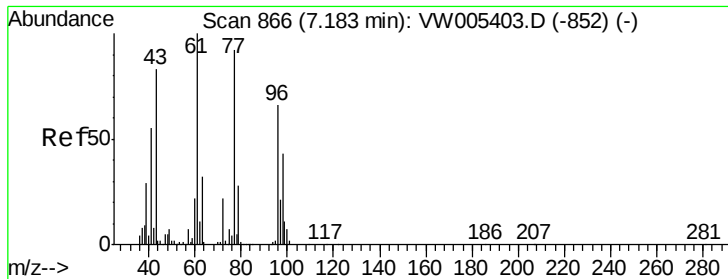
Tgt Ion: 77 Resp: 18520

Ion Ratio Lower Upper

77 100

97 19.9 10.7 32.1



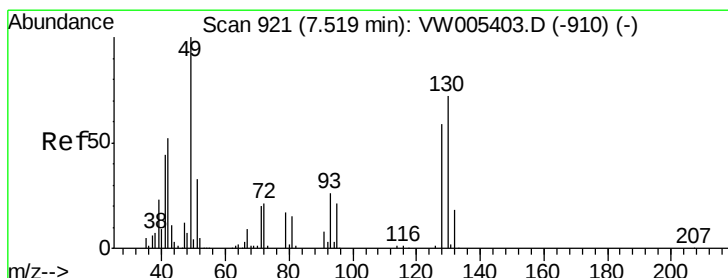
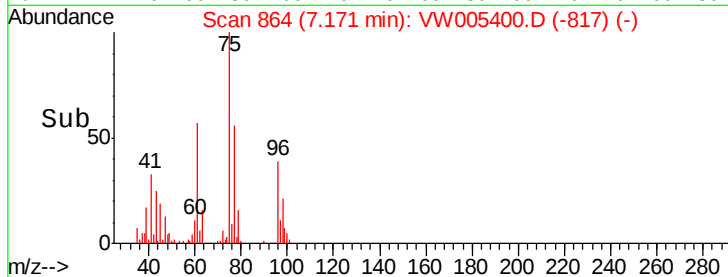
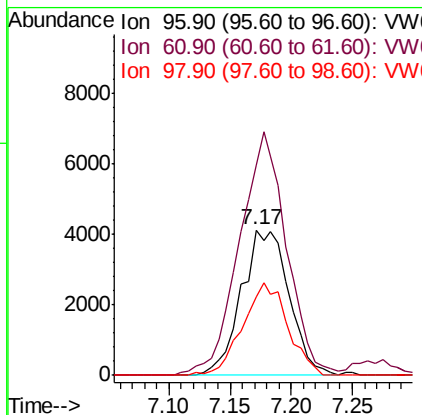
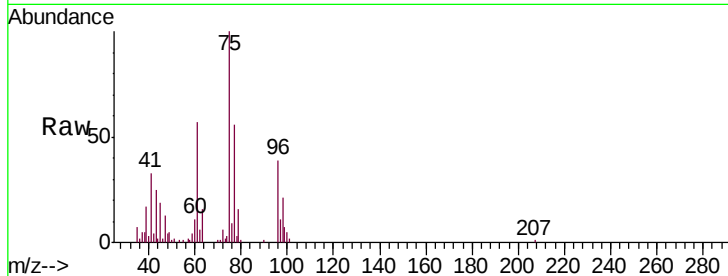


#27

cis-1,2-Dichloroethene
Concen: 5.480 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

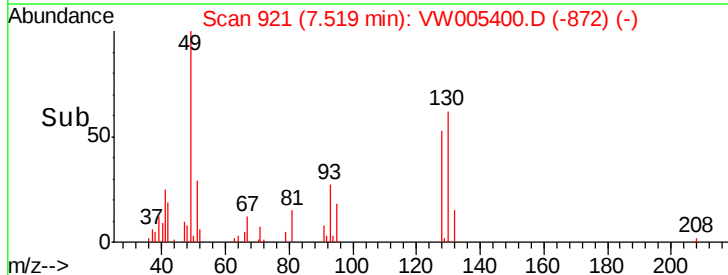
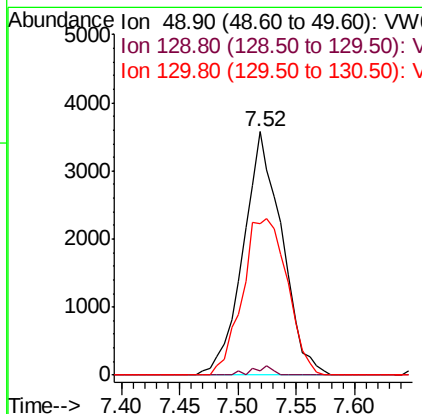
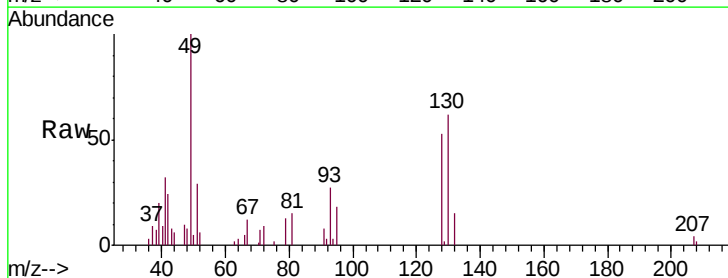
Tgt Ion: 96 Resp: 11150
Ion Ratio Lower Upper
96 100
61 165.7 0.0 316.0
98 60.4 0.0 130.8

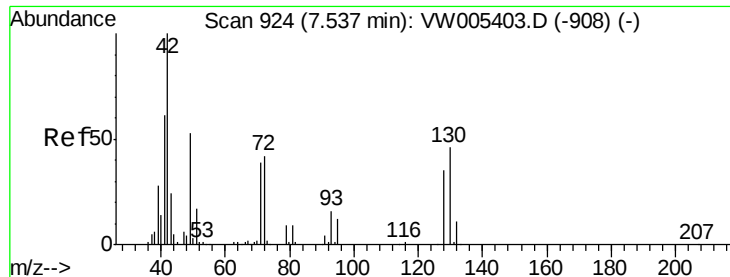


#28

Bromochloromethane
Concen: 7.065 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 49 Resp: 8242
Ion Ratio Lower Upper
49 100
129 1.9 0.0 1.0#
130 74.3 61.4 92.2





#29

Tetrahydrofuran

Concen: 28.049 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

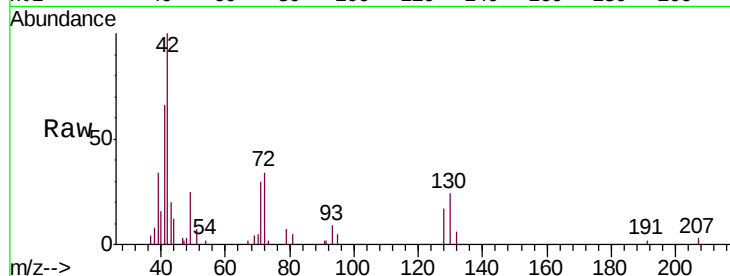
Tgt Ion: 42 Resp: 8618

Ion Ratio Lower Upper

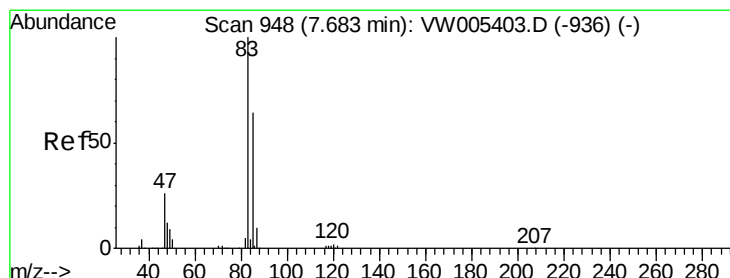
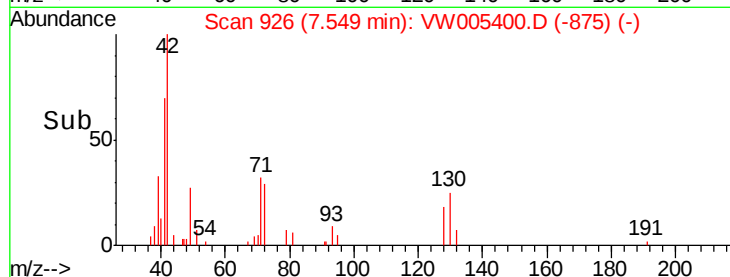
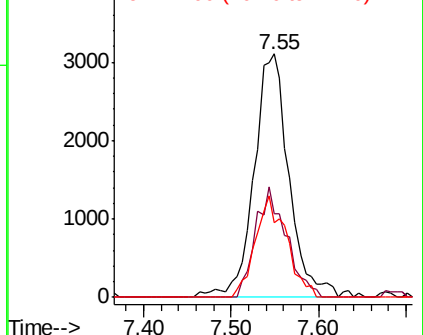
42 100

72 40.2 33.2 49.8

71 37.6 31.0 46.6



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



#30

Chloroform

Concen: 6.420 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005400.D

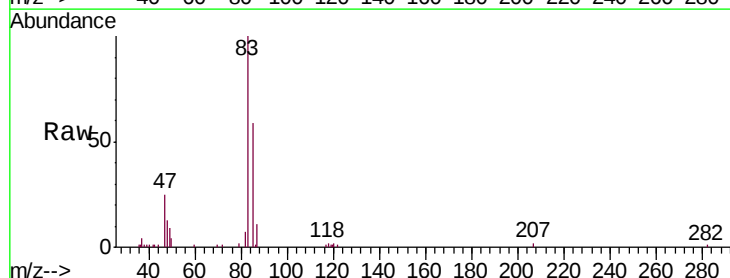
Acq: 14 Sep 2018 22:50

Tgt Ion: 83 Resp: 20439

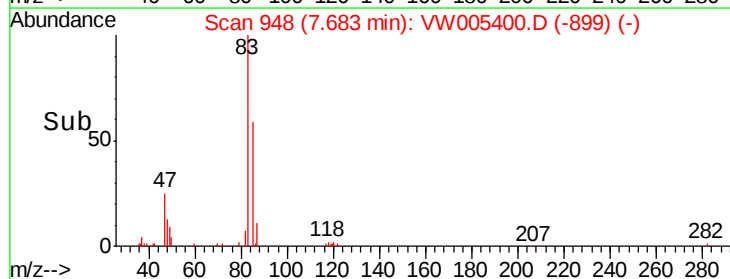
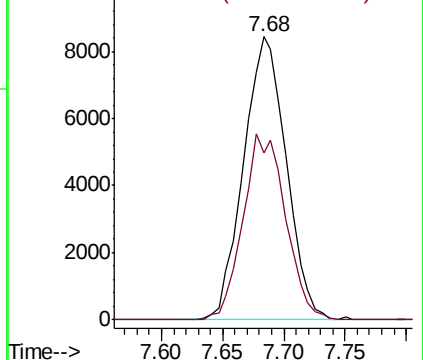
Ion Ratio Lower Upper

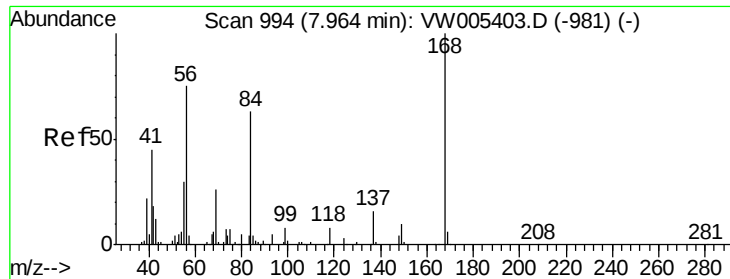
83 100

85 58.8 51.5 77.3



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

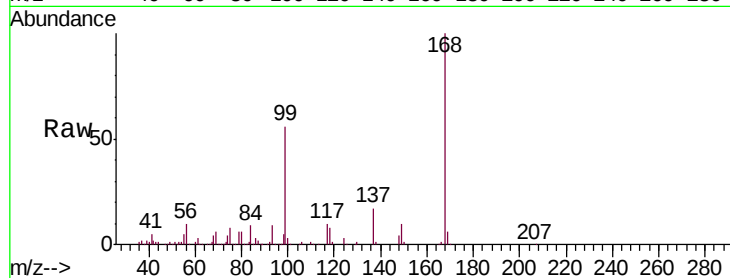




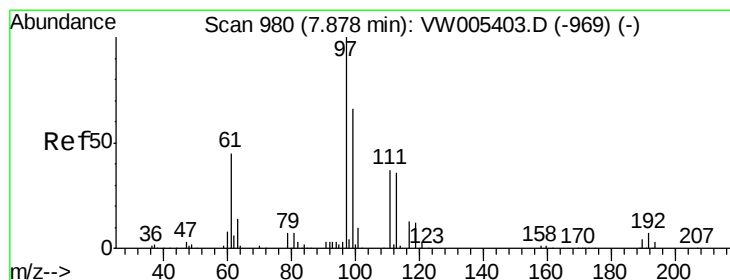
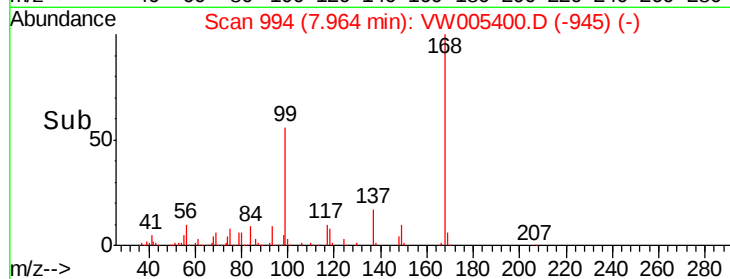
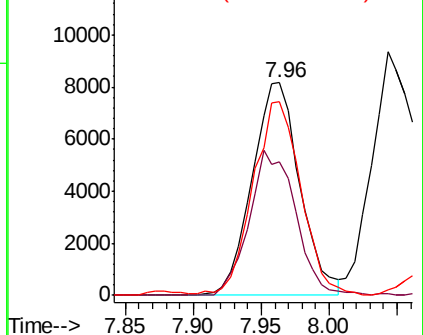
#31
Cyclohexane
Concen: 6.110 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 20049
Ion Ratio Lower Upper
56 100
69 62.7 27.2 40.8#
84 90.6 66.7 100.1

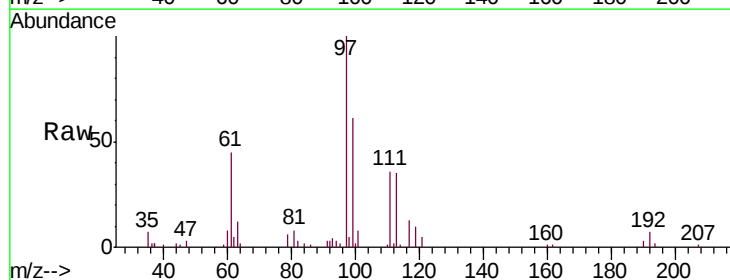


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

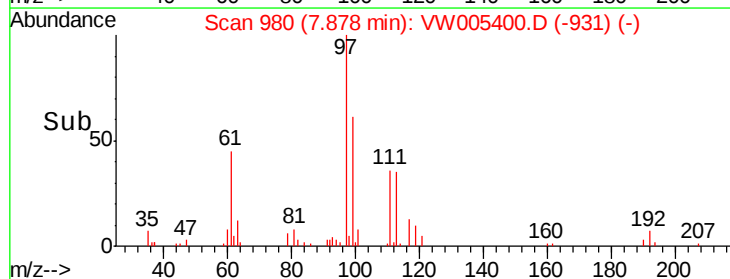
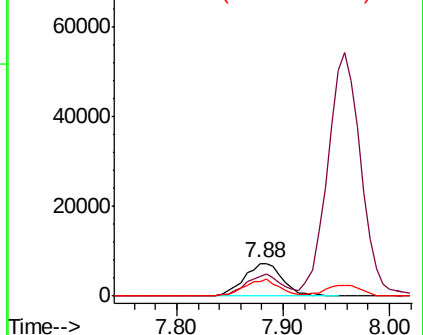


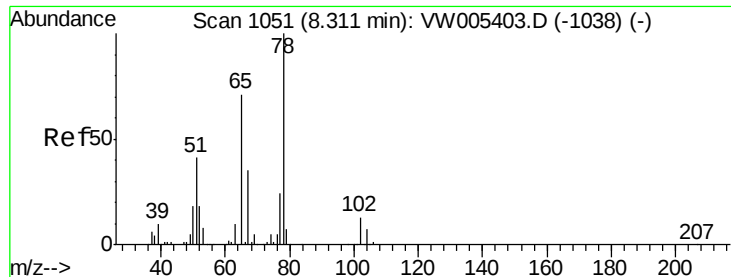
#32
1,1,1-Trichloroethane
Concen: 6.431 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 97 Resp: 18626
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 46.7 35.8 53.6



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

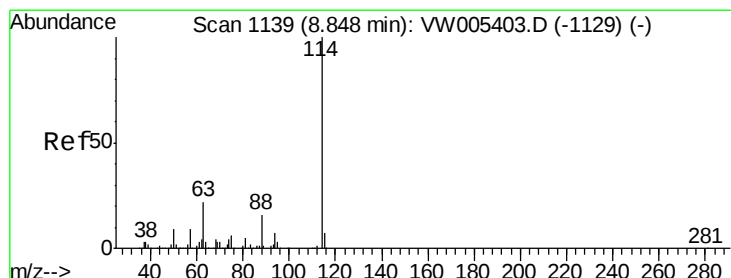
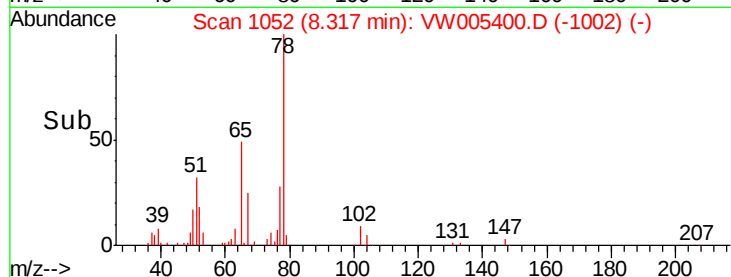
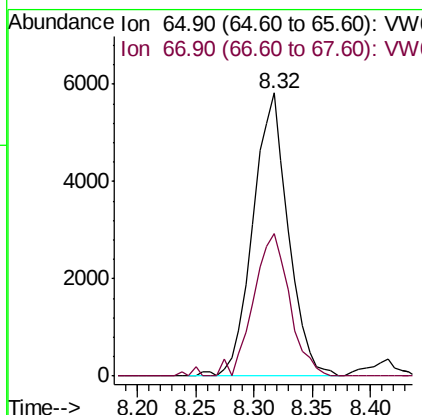
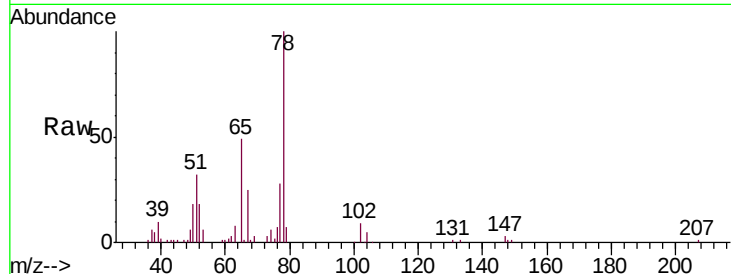




#33
 1,2-Dichloroethane-d4
 Concen: 7.613 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

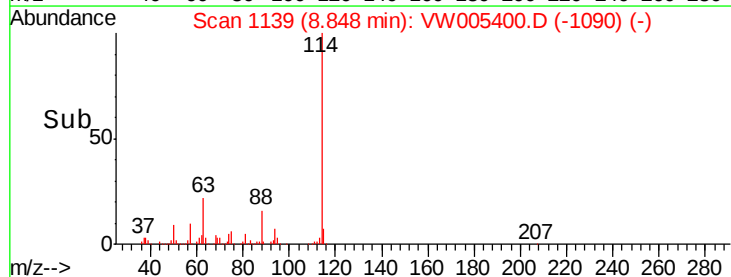
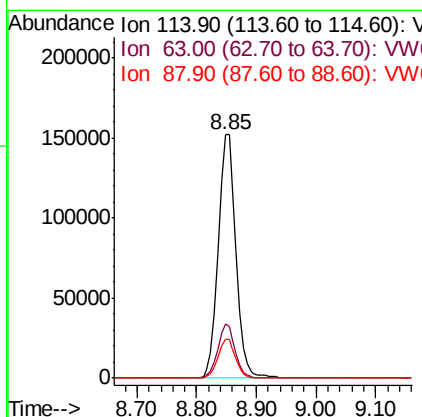
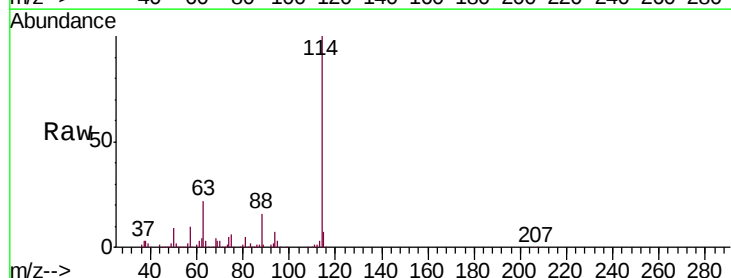
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

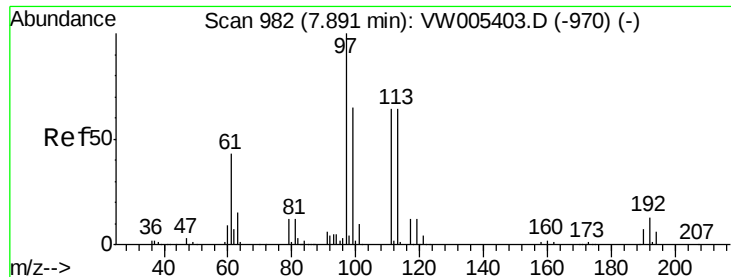
Tgt Ion: 65 Resp: 12309
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion: 114 Resp: 314468
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.4
 88 16.1 0.0 31.8

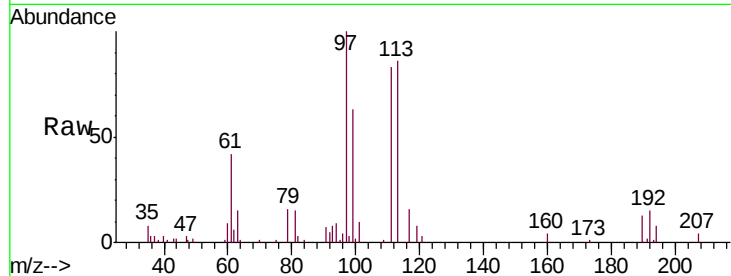




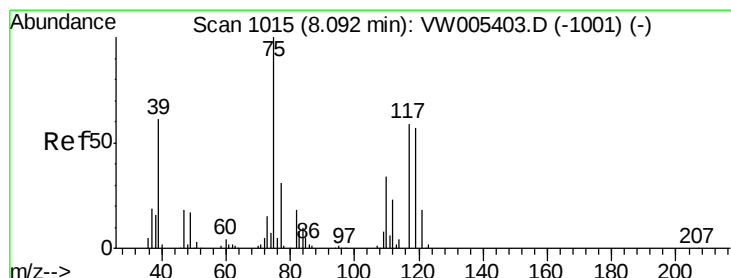
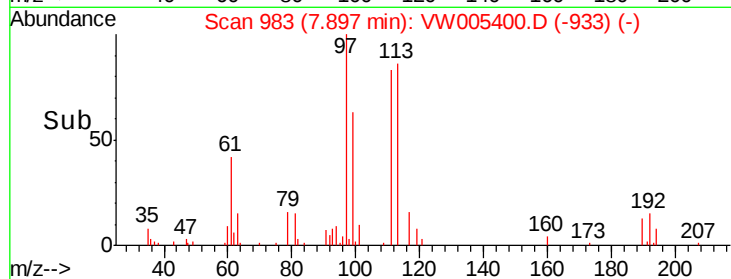
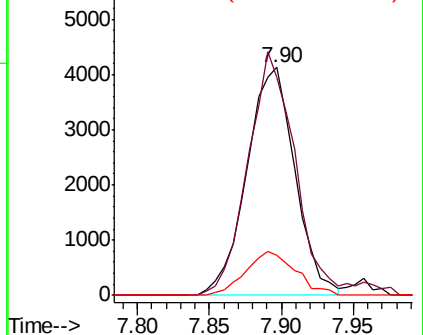
#35
 Dibromofluoromethane
 Concen: 5.810 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 9593
 Ion Ratio Lower Upper
 113 100
 111 107.4 82.3 123.5
 192 20.1 16.5 24.7

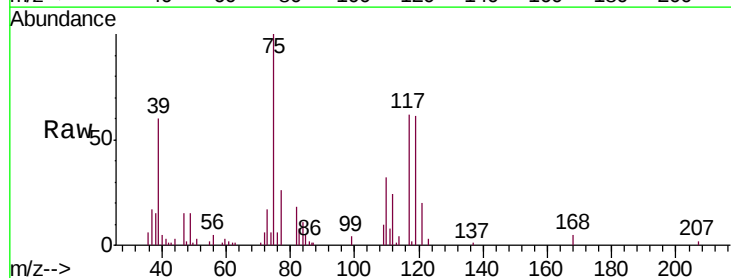


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

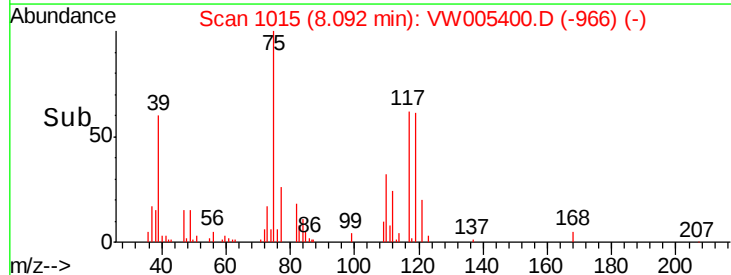
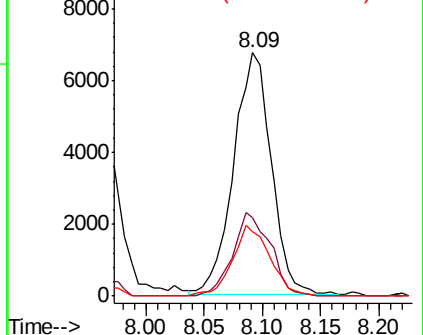


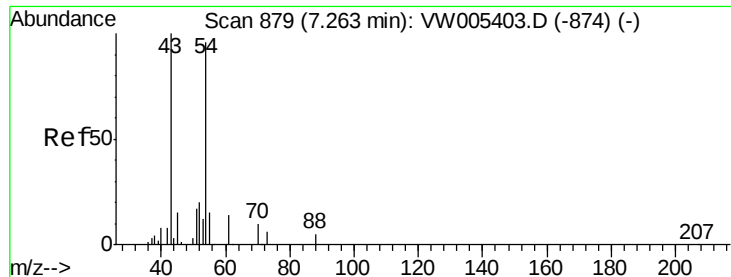
#36
 1,1-Dichloropropene
 Concen: 5.259 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion: 75 Resp: 15229
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.8 50.4
 77 29.0 24.2 36.4



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

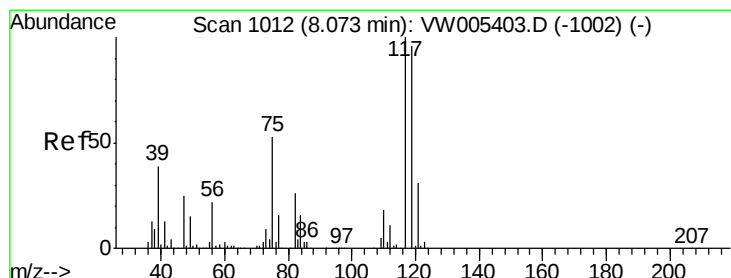
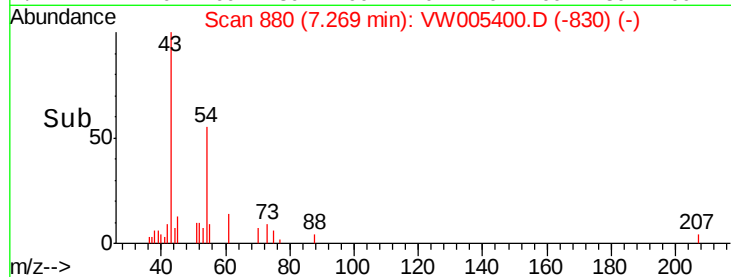
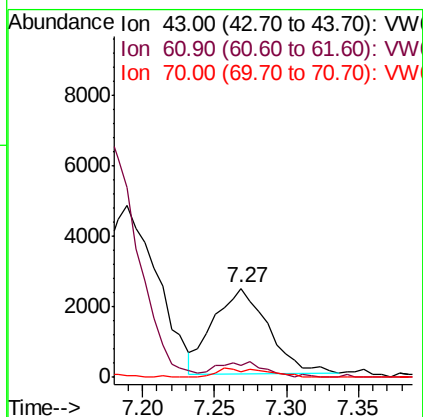
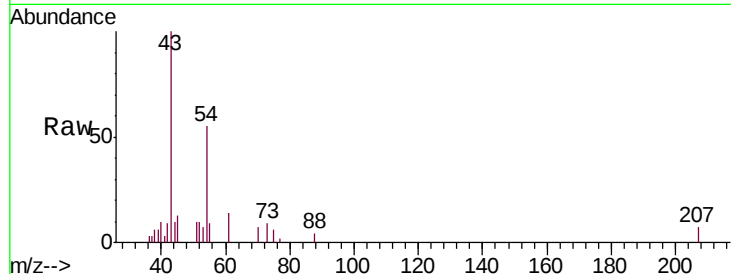




#37
Ethyl Acetate
Concen: 5.786 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

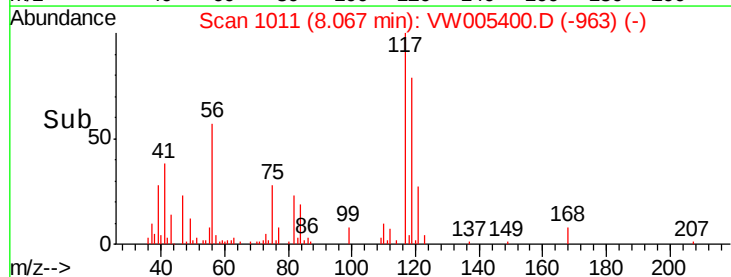
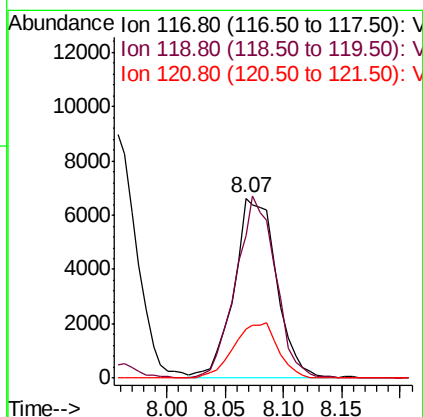
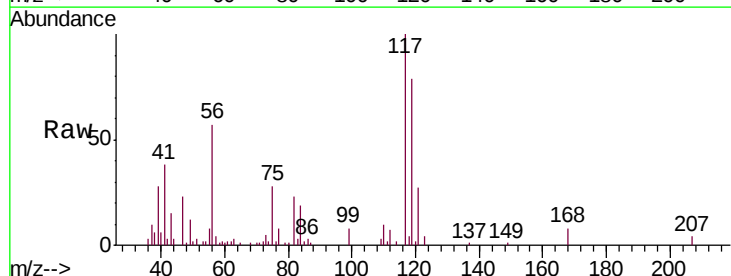
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

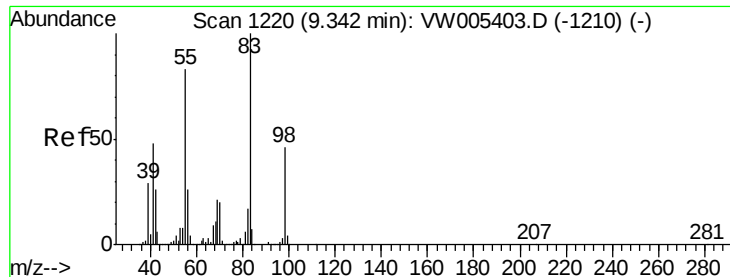
Tgt Ion: 43 Resp: 6475
Ion Ratio Lower Upper
43 100
61 15.8 11.3 16.9
70 9.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 6.101 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 117 Resp: 16842
Ion Ratio Lower Upper
117 100
119 79.1 76.8 115.2
121 27.4 24.7 37.1

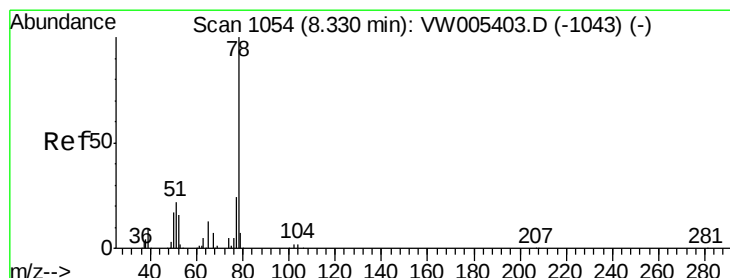
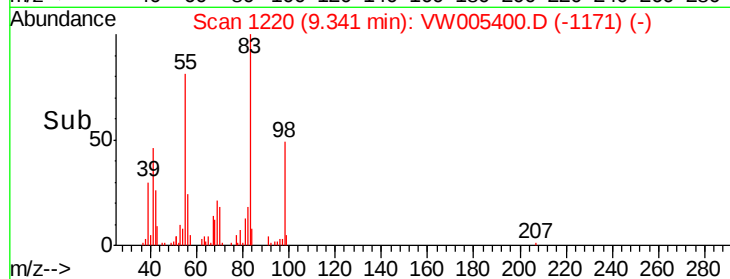
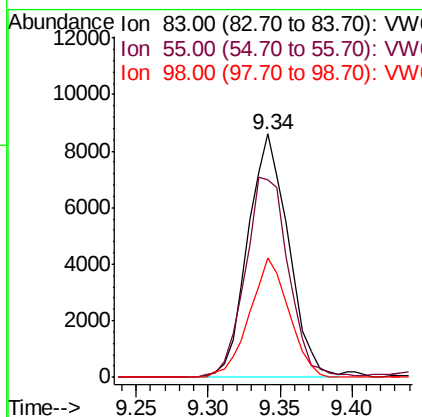
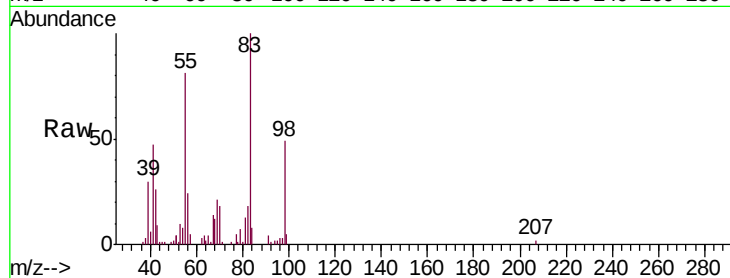




#39
Methylcyclohexane
Concen: 4.469 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

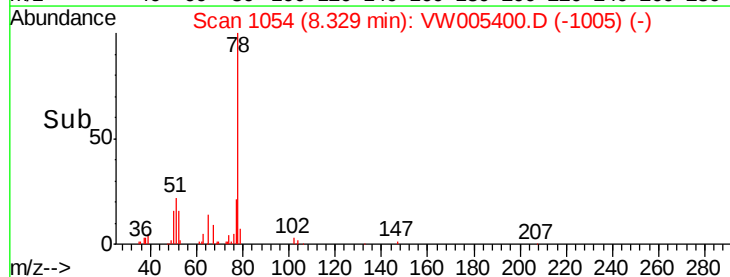
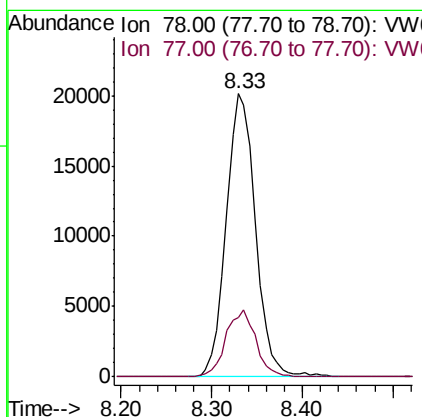
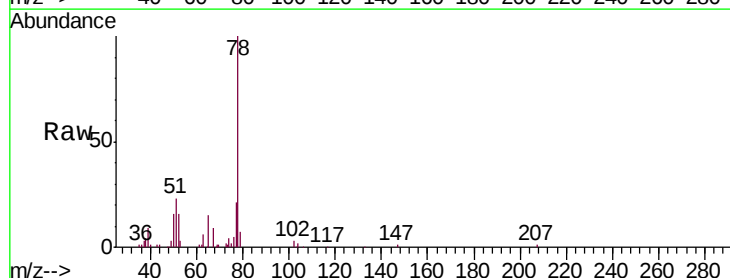
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

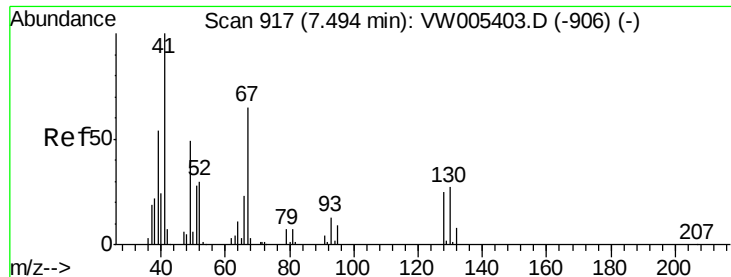
Tgt Ion: 83 Resp: 16819
Ion Ratio Lower Upper
83 100
55 81.2 66.1 99.1
98 49.2 36.7 55.1



#40
Benzene
Concen: 5.321 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 78 Resp: 45151
Ion Ratio Lower Upper
78 100
77 21.0 19.3 28.9

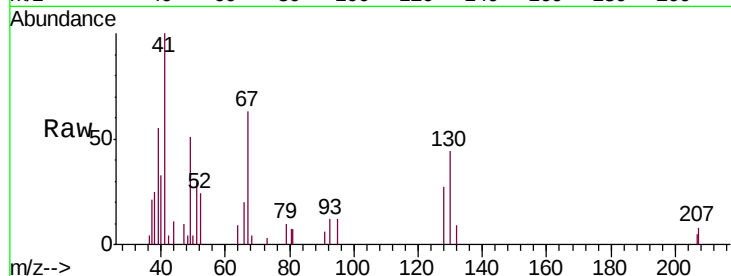




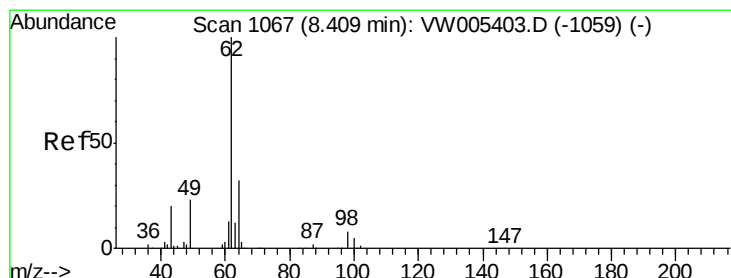
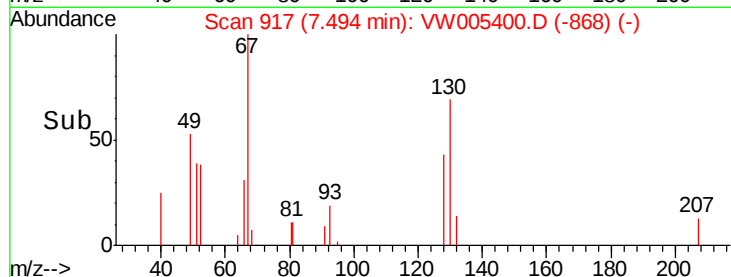
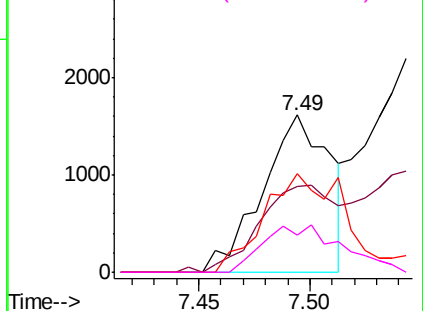
#41
Methacrylonitrile
Concen: 5.825 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	3401
Ion	Ratio	Lower	Upper
41	100		
39	61.7	44.6	67.0
67	77.4	53.6	80.4
52	35.1	24.9	37.3

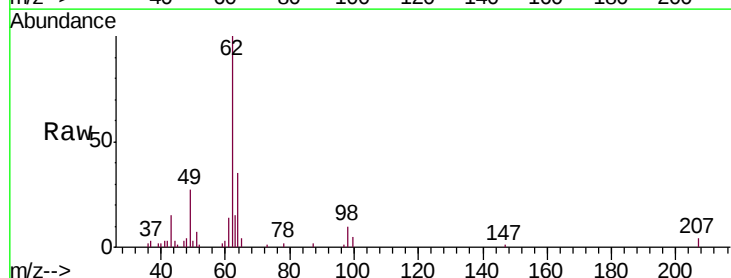


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

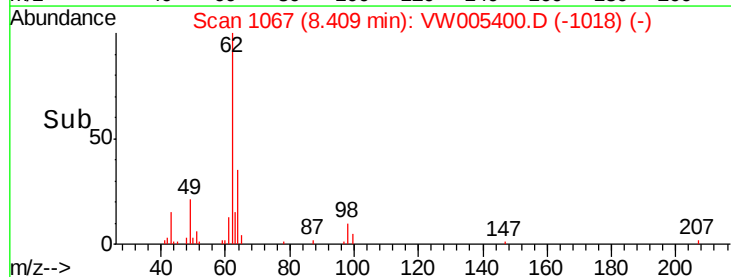
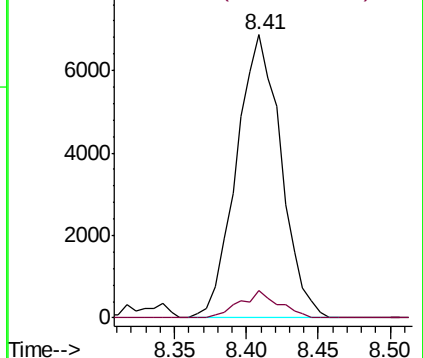


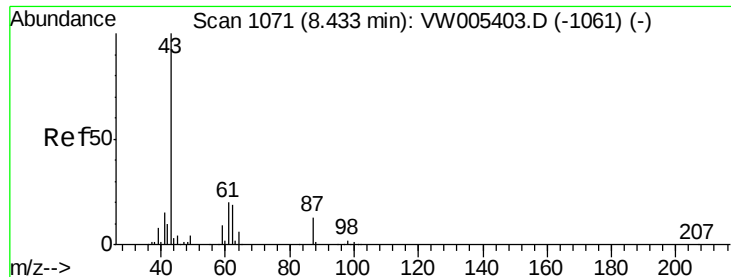
#42
1,2-Dichloroethane
Concen: 6.895 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion:	62	Resp:	14762
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 5.762 ug/l

RT: 8.44 min Scan# 1072

Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

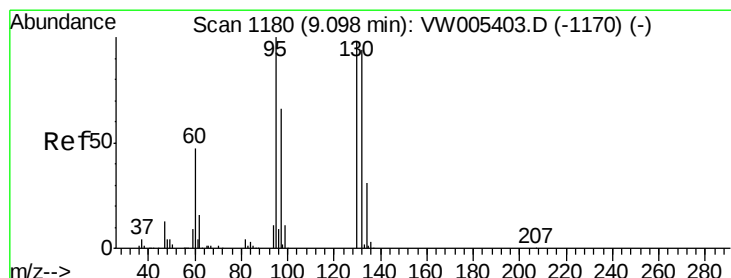
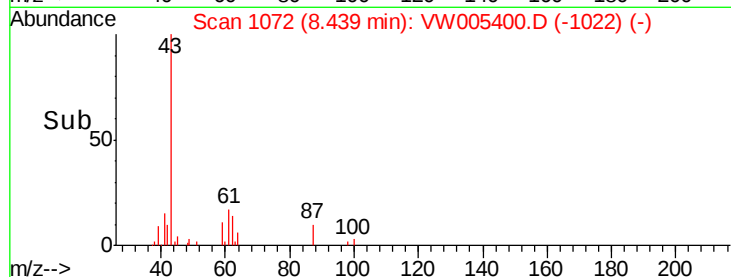
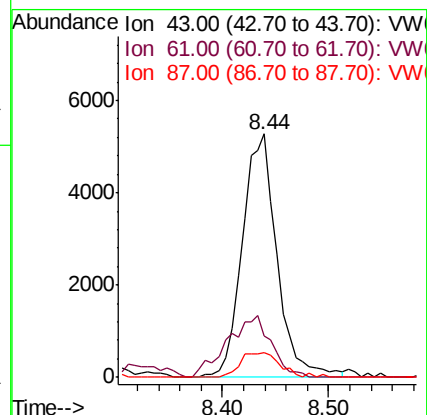
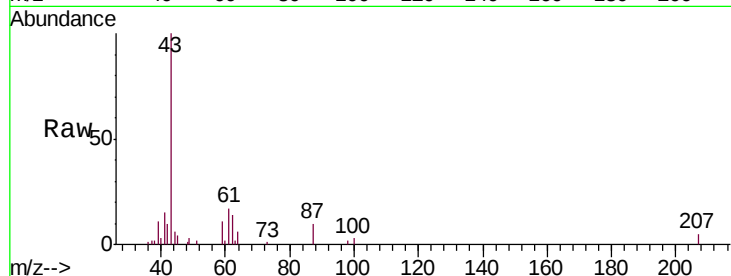
Tgt Ion: 43 Resp: 12039

Ion Ratio Lower Upper

43 100

61 32.0 23.8 35.6

87 11.5 10.1 15.1



#44

Trichloroethene

Concen: 4.900 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005400.D

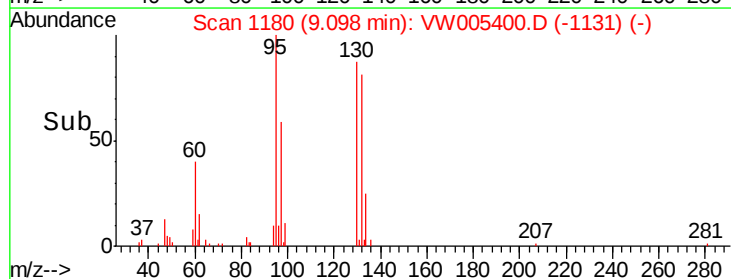
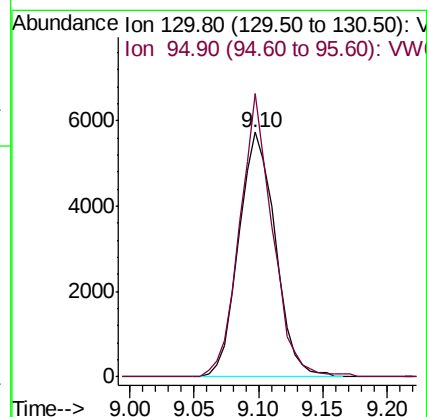
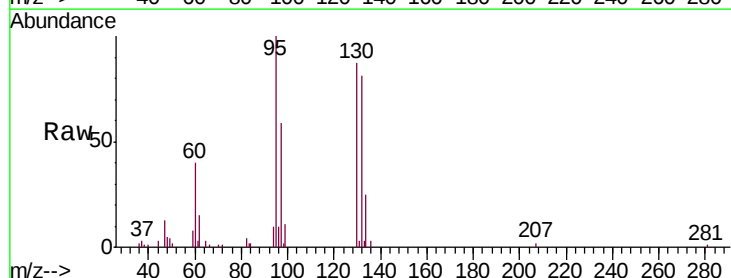
Acq: 14 Sep 2018 22:50

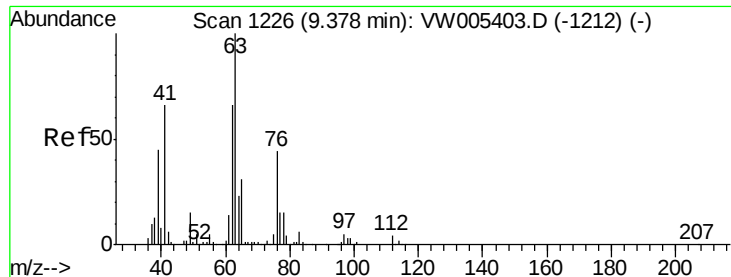
Tgt Ion: 130 Resp: 11289

Ion Ratio Lower Upper

130 100

95 115.6 0.0 204.6

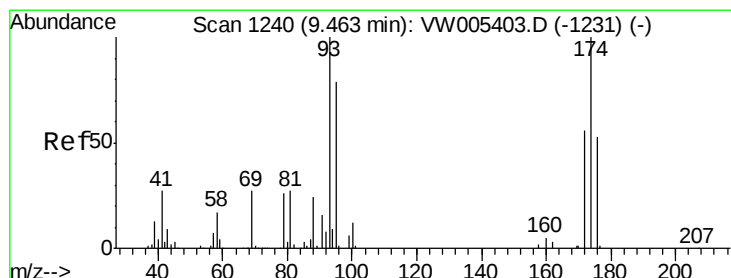
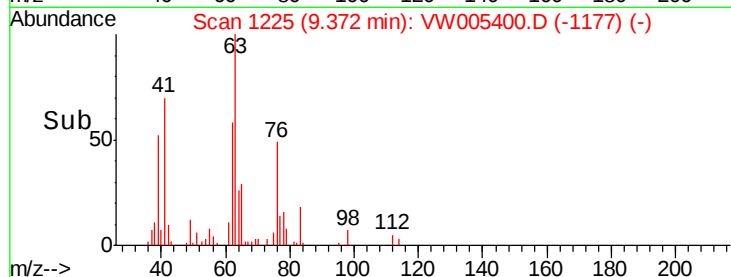
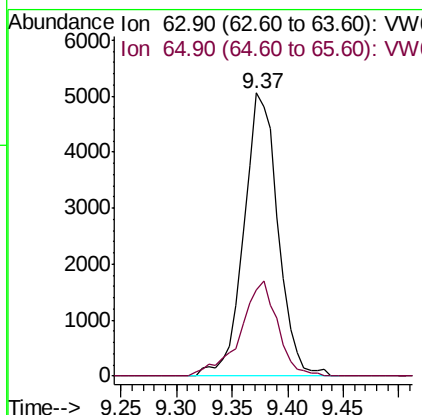
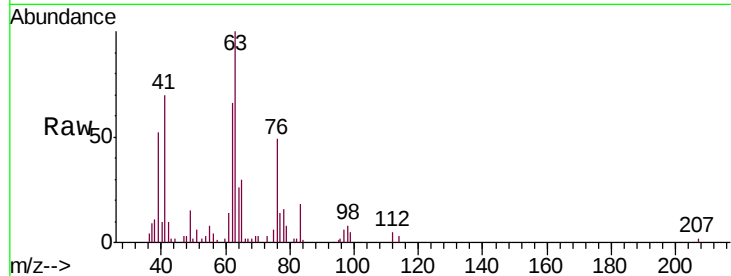




#45
 1,2-Dichloropropane
 Concen: 5.296 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

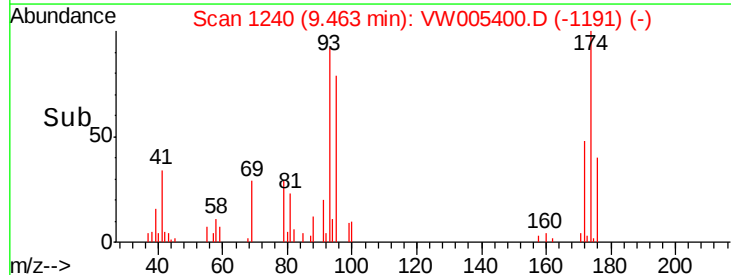
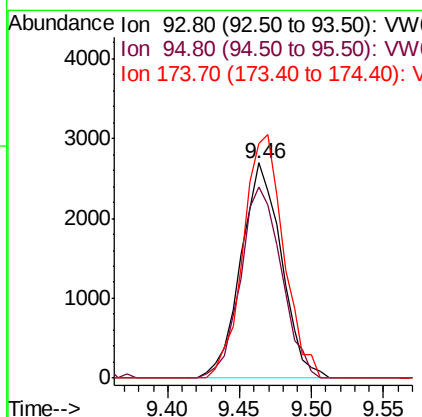
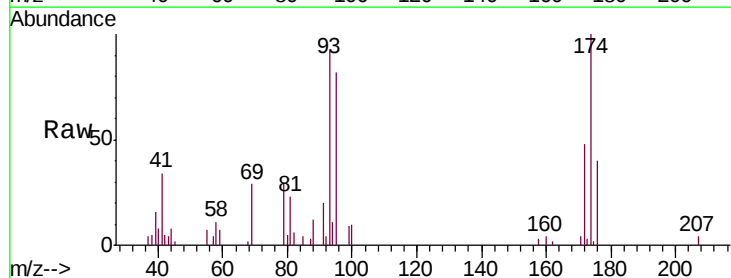
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

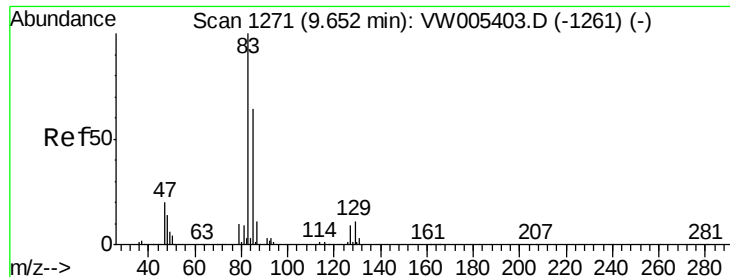
Tgt Ion: 63 Resp: 10795
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6



#46
 Dibromomethane
 Concen: 5.210 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion: 93 Resp: 5239
 Ion Ratio Lower Upper
 93 100
 95 89.9 65.4 98.0
 174 112.3 83.4 125.2





#47

Bromodichloromethane

Concen: 5.724 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

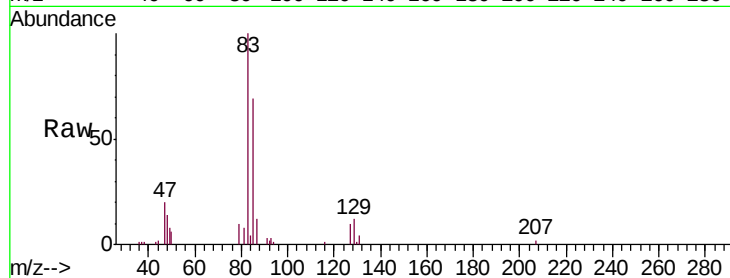
Tgt Ion: 83 Resp: 14287

Ion Ratio Lower Upper

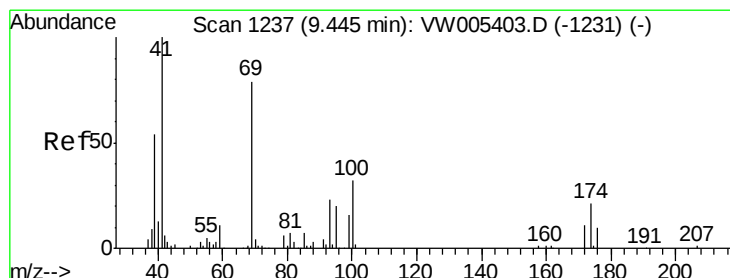
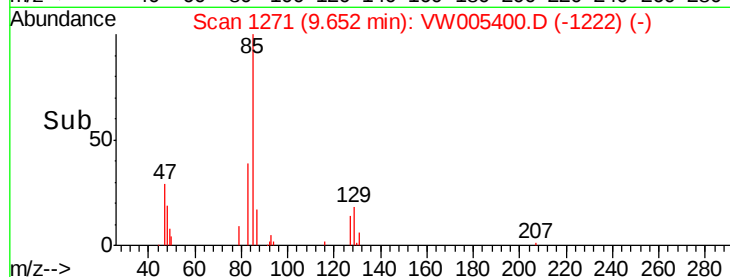
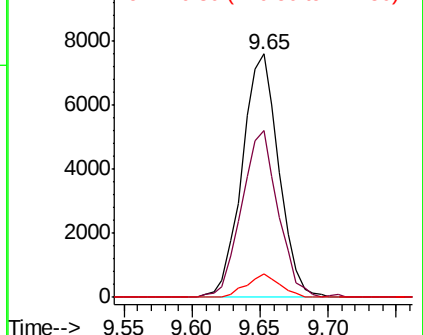
83 100

85 68.6 50.9 76.3

127 9.8 7.0 10.4



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



#48

Methyl methacrylate

Concen: 5.310 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

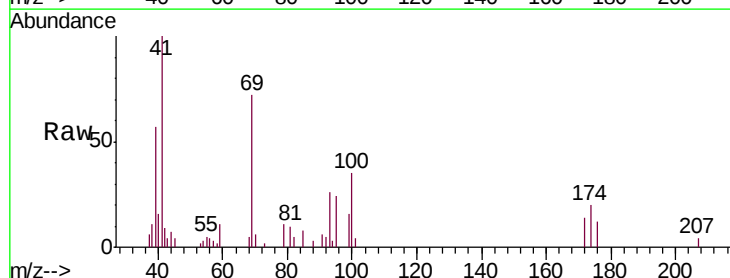
Tgt Ion: 41 Resp: 5717

Ion Ratio Lower Upper

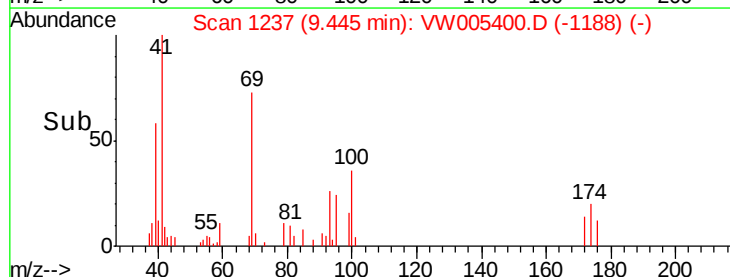
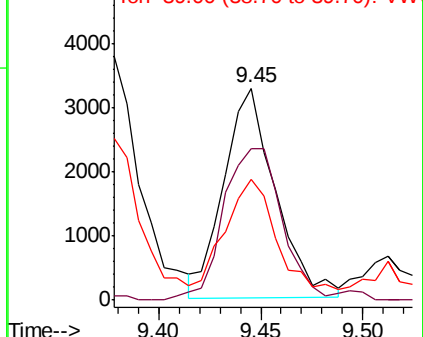
41 100

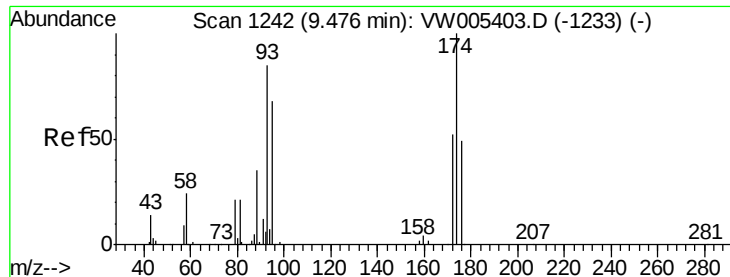
69 82.3 67.5 101.3

39 50.3 45.5 68.3



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

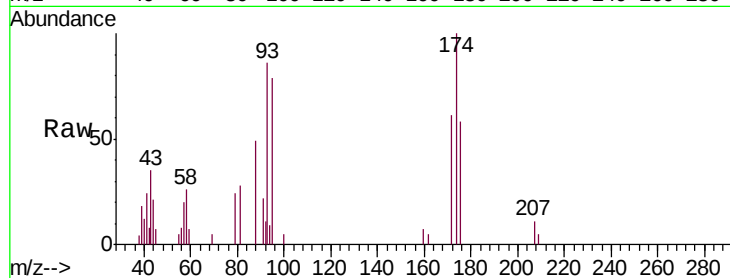




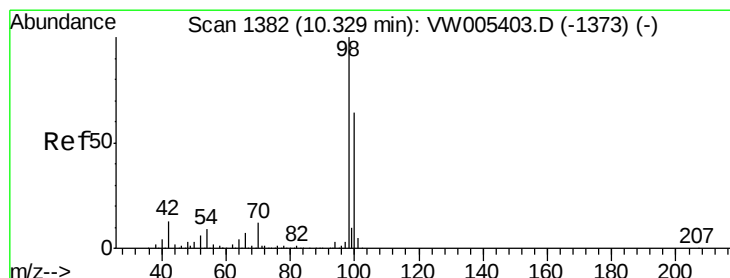
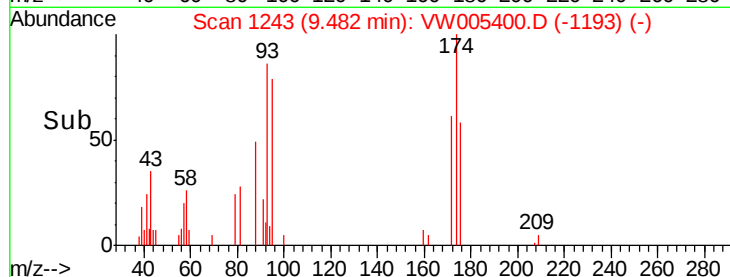
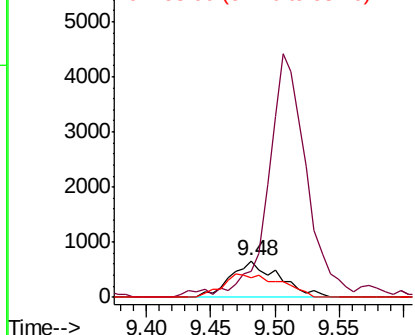
#49
1,4-Dioxane
Concen: 94.598 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 1727
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.3 62.4 93.6

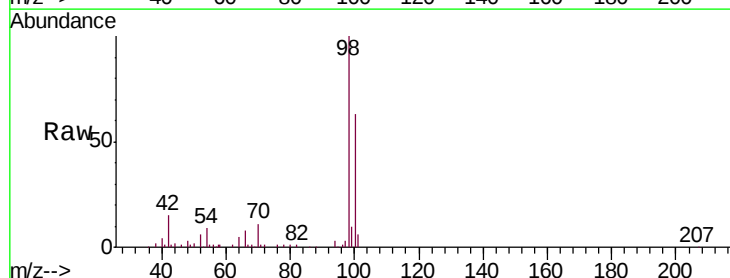


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

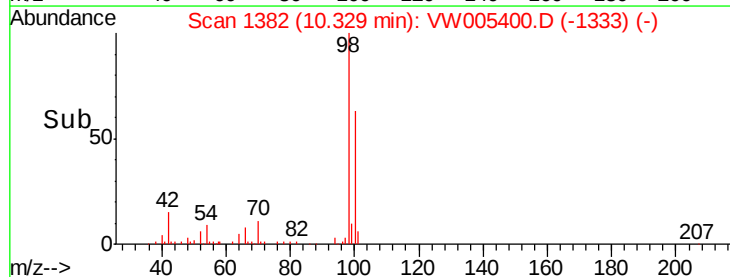
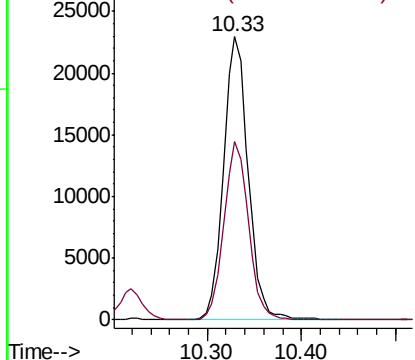


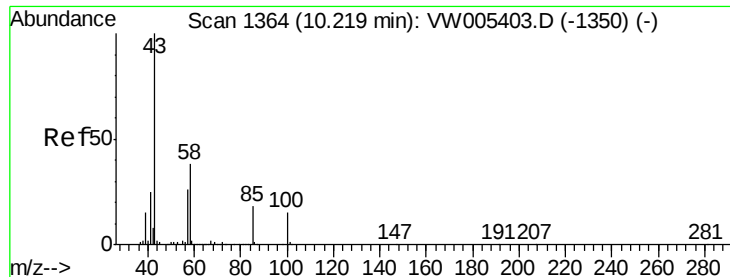
#50
Toluene-d8
Concen: 5.056 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 98 Resp: 41563
Ion Ratio Lower Upper
98 100
100 63.0 51.4 77.0



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

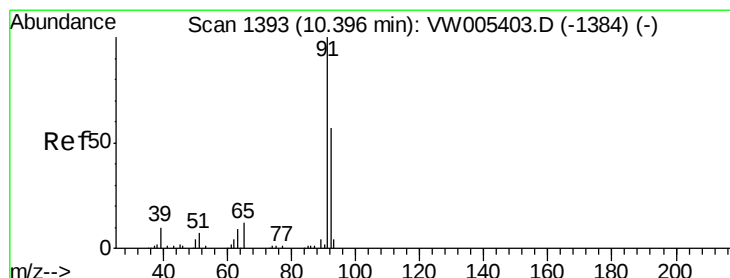
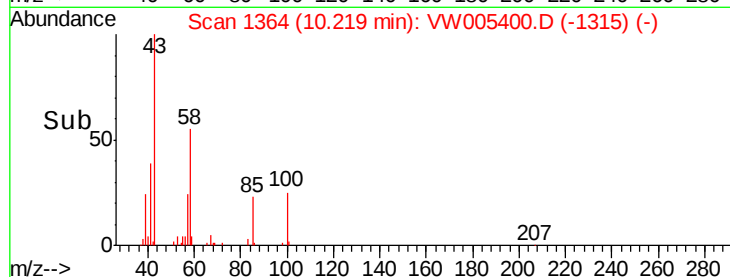
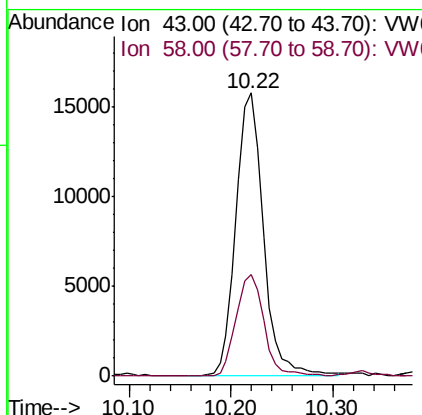
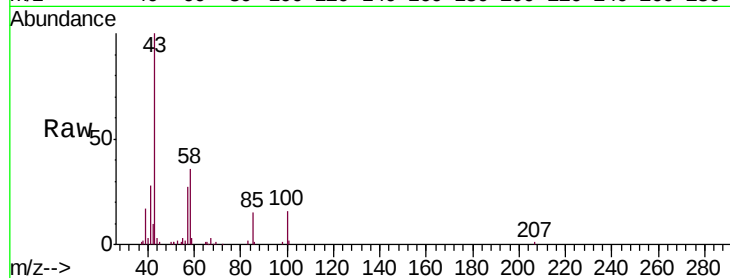




#51
 4-Methyl-2-Pentanone
 Concen: 25.501 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

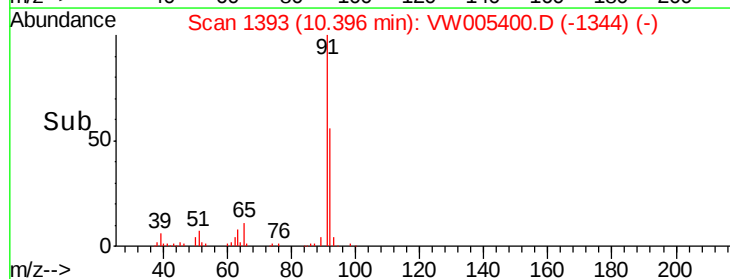
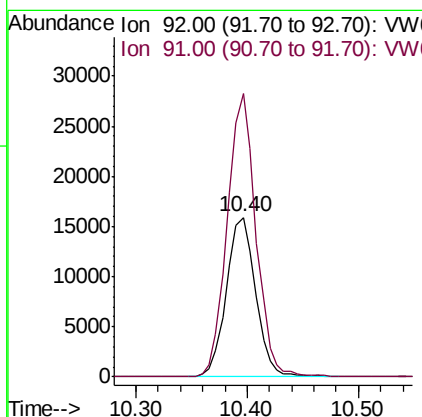
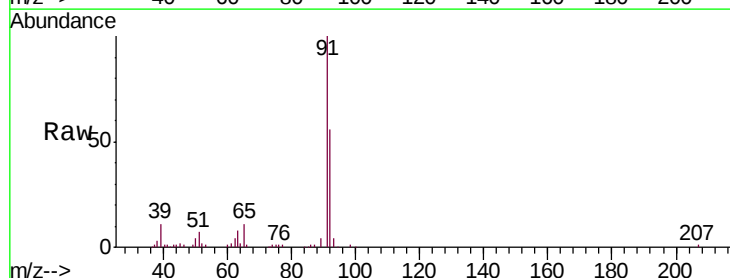
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

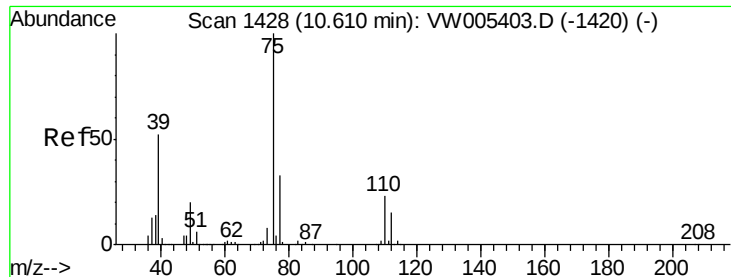
Tgt Ion: 43 Resp: 29589
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.9 44.9



#52
 Toluene
 Concen: 4.756 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion: 92 Resp: 29166
 Ion Ratio Lower Upper
 92 100
 91 173.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 4.988 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

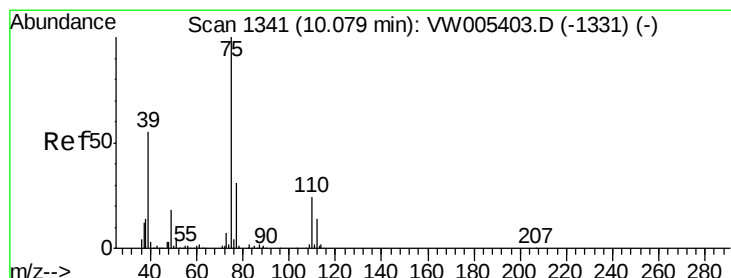
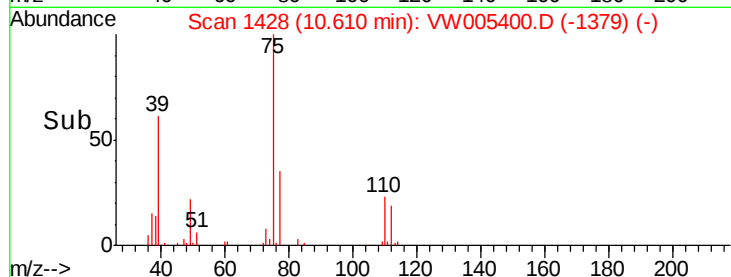
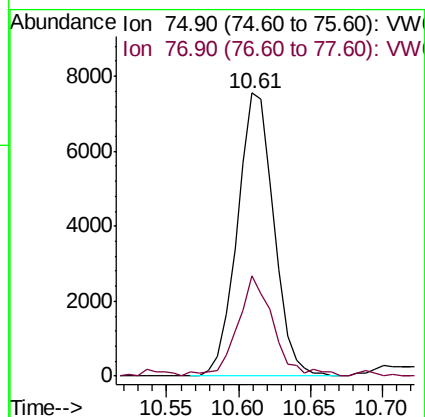
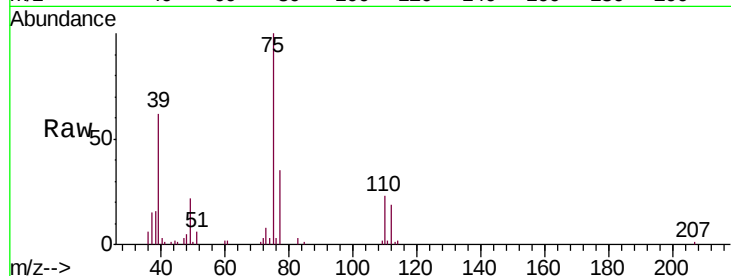
VSTDIC005

Tgt Ion: 75 Resp: 13279

Ion Ratio Lower Upper

75 100

77 35.2 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 4.786 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

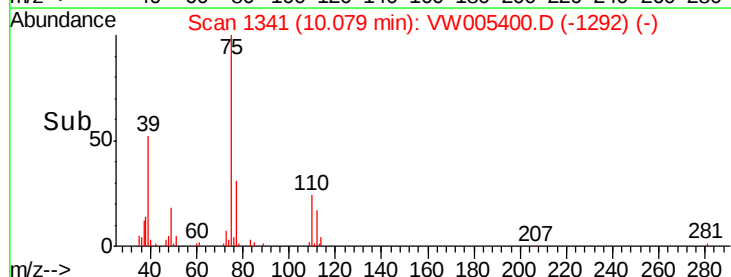
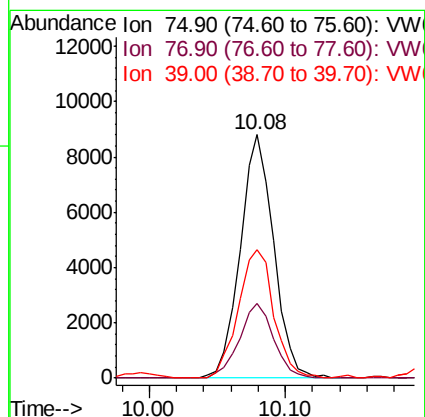
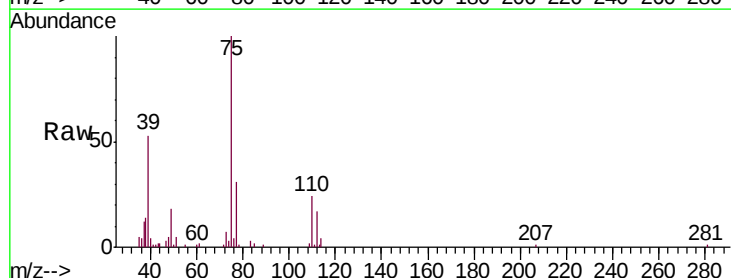
Tgt Ion: 75 Resp: 15106

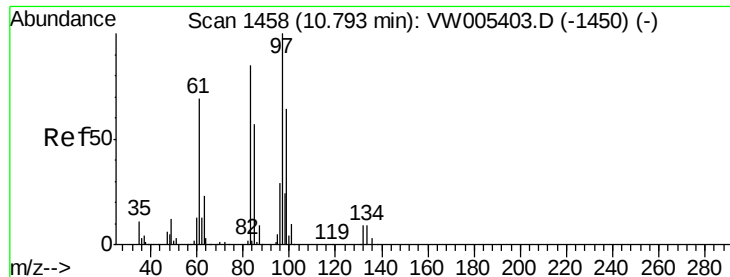
Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.4

39 52.6 44.2 66.2

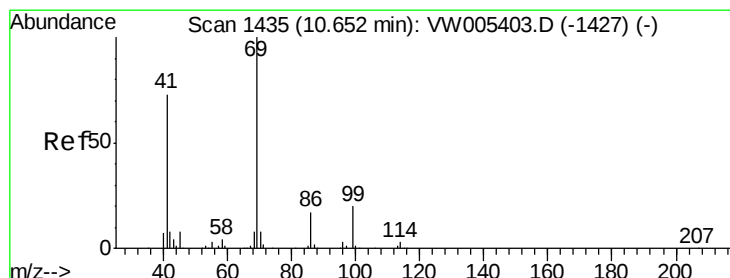
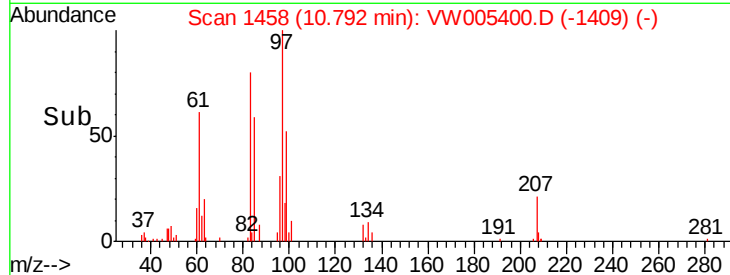
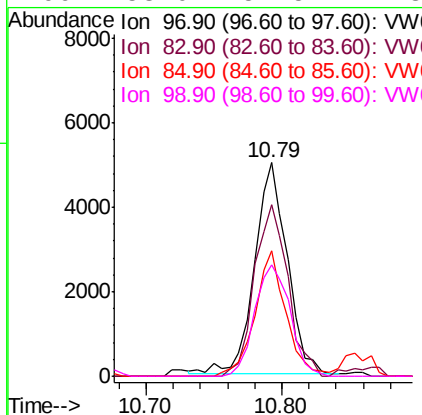
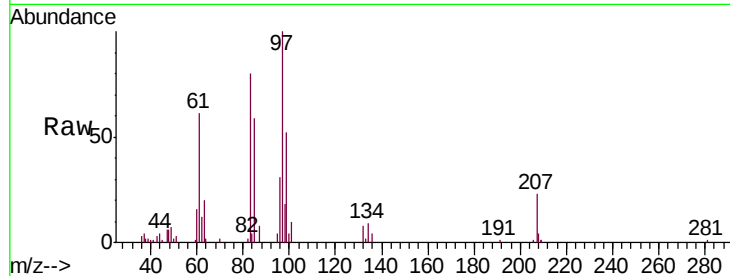




#55
 1,1,2-Trichloroethane
 Concen: 5.337 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

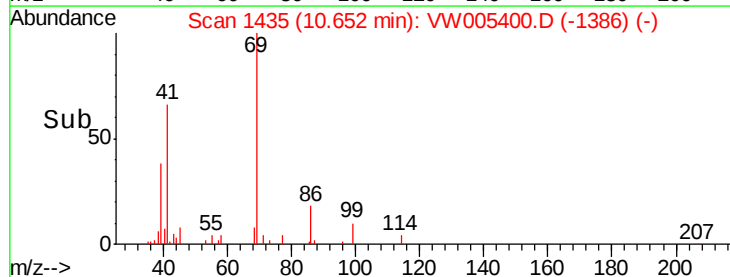
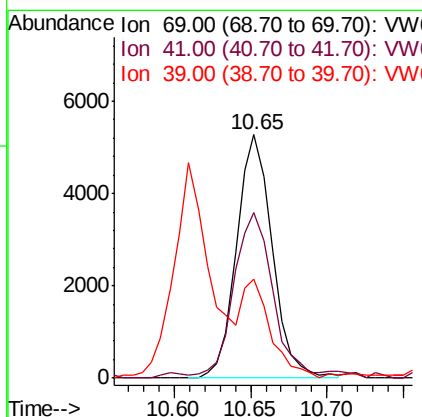
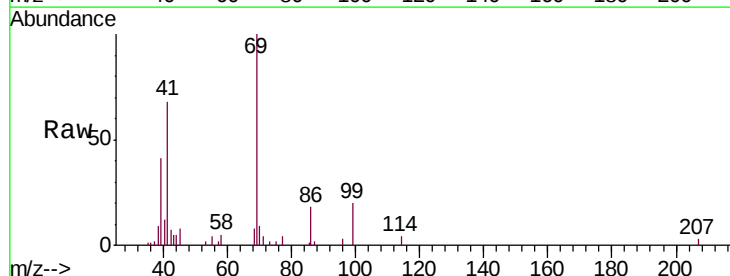
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

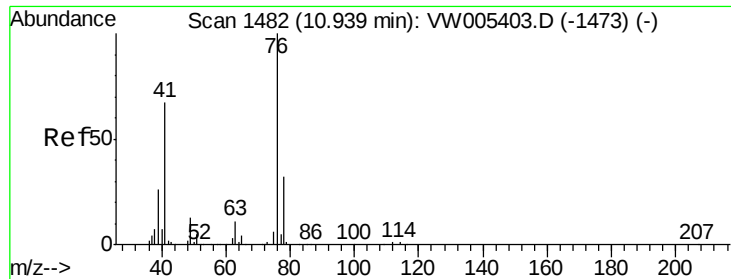
Tgt Ion: 97 Resp: 8412
 Ion Ratio Lower Upper
 97 100
 83 81.0 67.8 101.8
 85 59.5 45.4 68.0
 99 53.0 51.5 77.3



#56
 Ethyl methacrylate
 Concen: 4.262 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion: 69 Resp: 8546
 Ion Ratio Lower Upper
 69 100
 41 71.2 59.3 88.9
 39 32.5 30.2 45.4

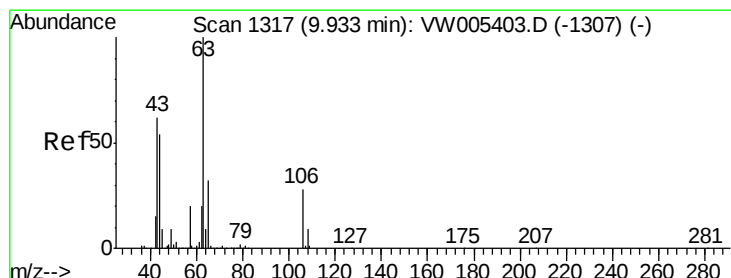
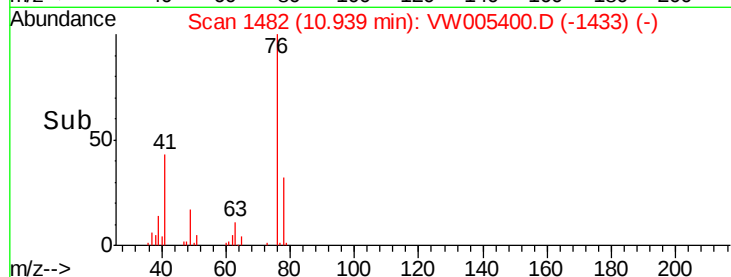
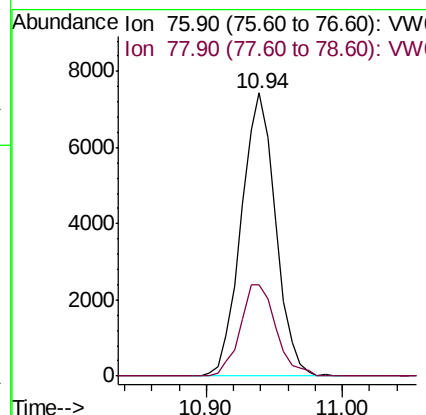
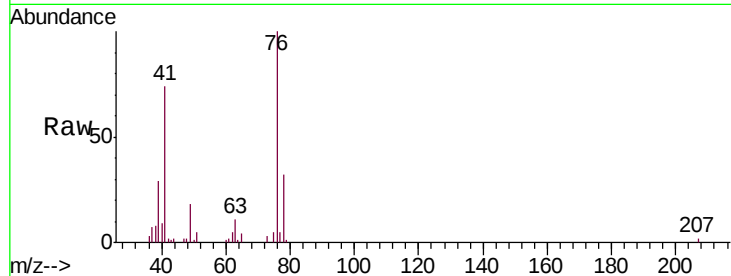




#57
 1,3-Dichloropropane
 Concen: 4.957 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

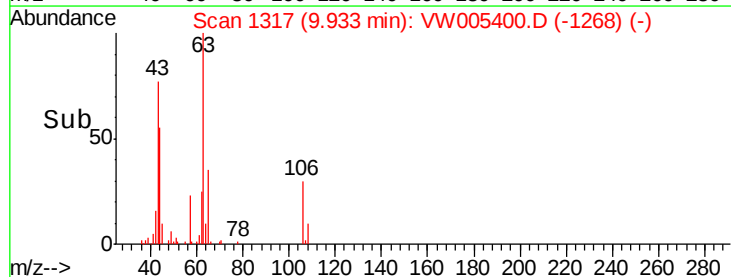
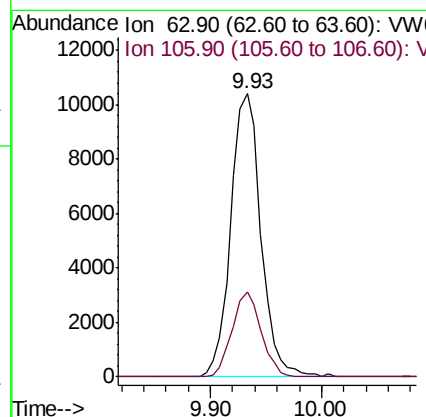
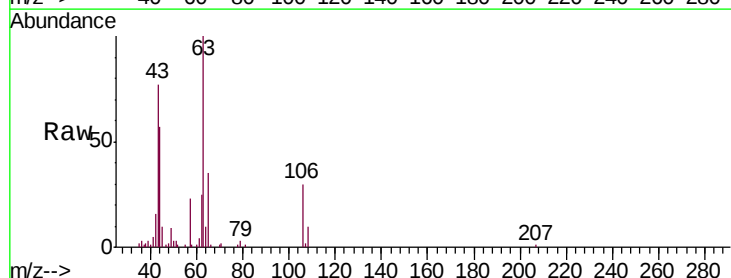
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

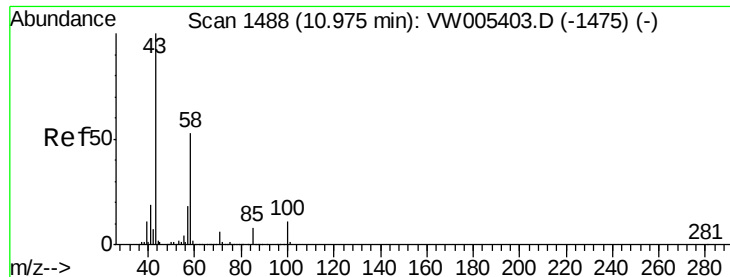
Tgt Ion: 76 Resp: 13114
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.282 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion: 63 Resp: 19508
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.0 33.0

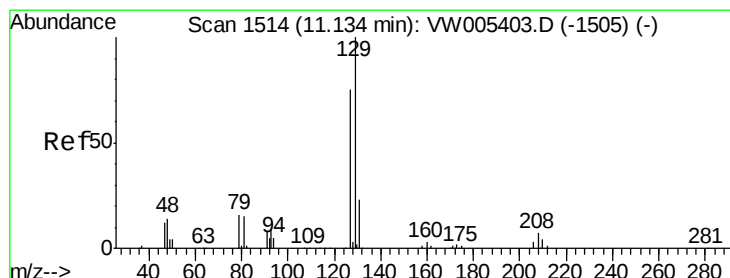
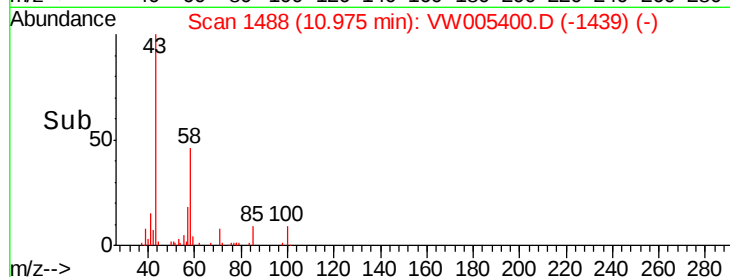
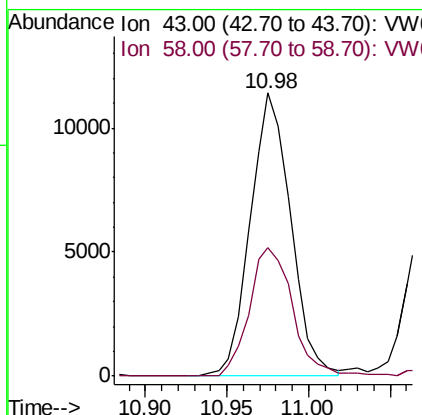
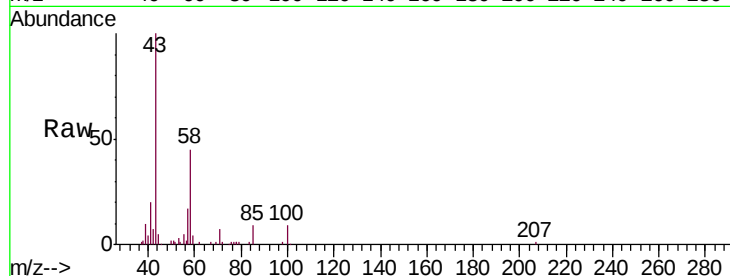




#59
2-Hexanone
Concen: 23.618 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

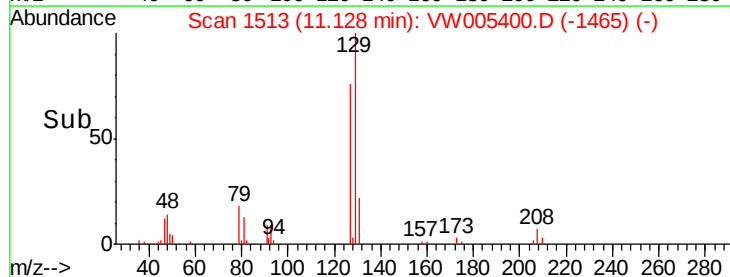
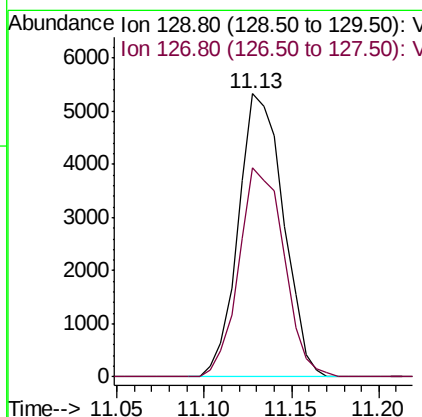
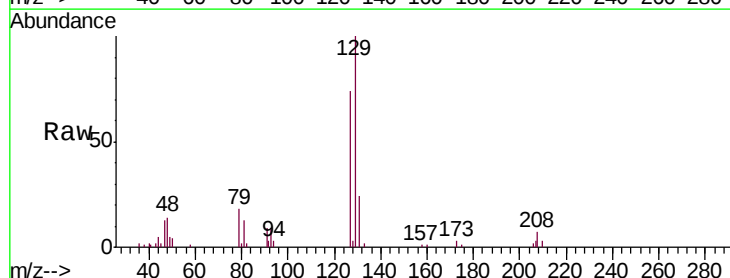
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

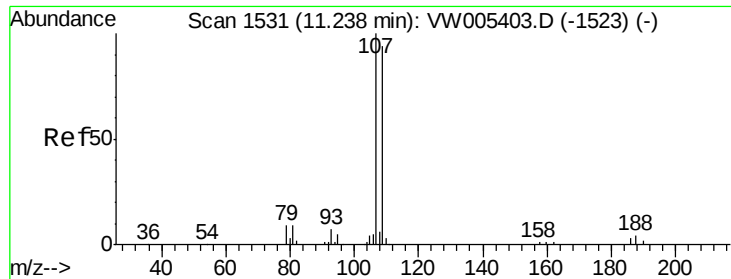
Tgt Ion: 43 Resp: 19676
Ion Ratio Lower Upper
43 100
58 48.8 25.5 76.5



#60
Dibromochloromethane
Concen: 5.374 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 129 Resp: 9533
Ion Ratio Lower Upper
129 100
127 74.0 38.5 115.3

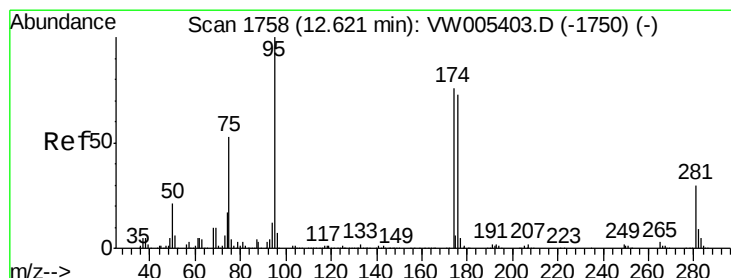
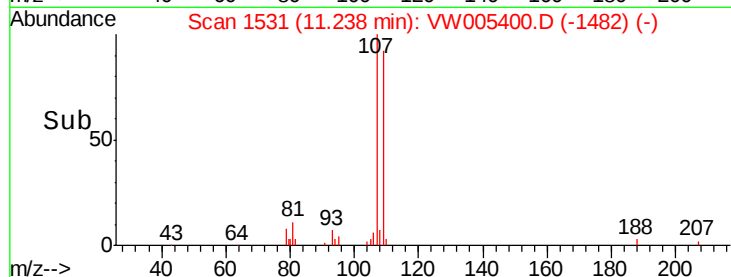
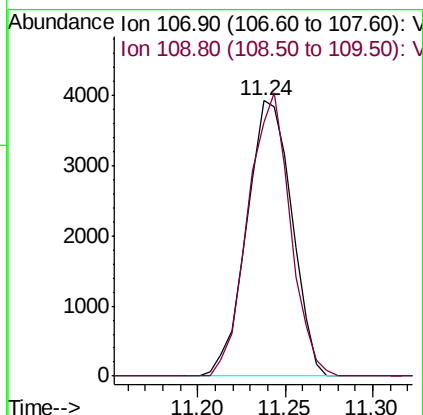
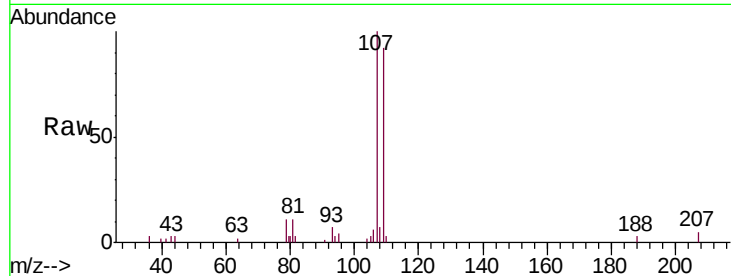




#61
 1,2-Dibromoethane
 Concen: 4.881 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

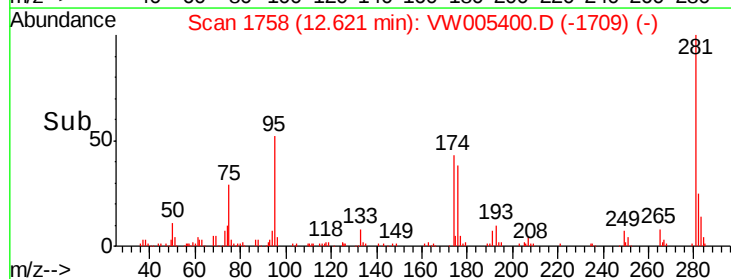
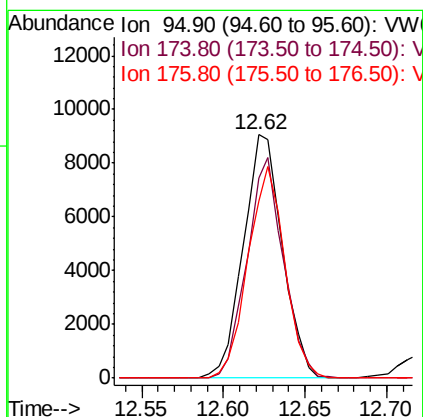
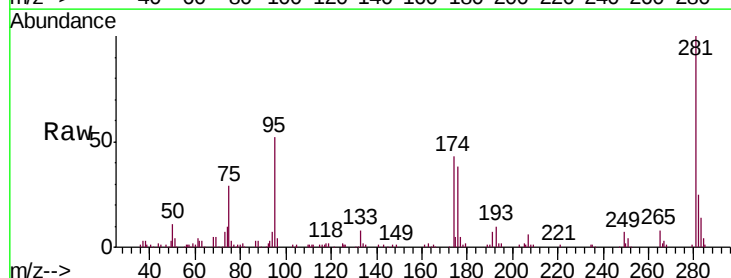
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

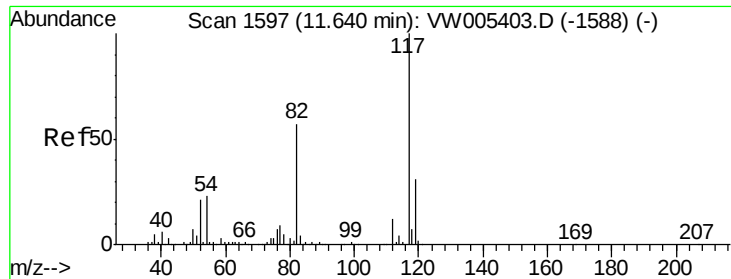
Tgt Ion: 107 Resp: 7048
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 4.985 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion: 95 Resp: 15097
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 161.2
 176 81.6 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

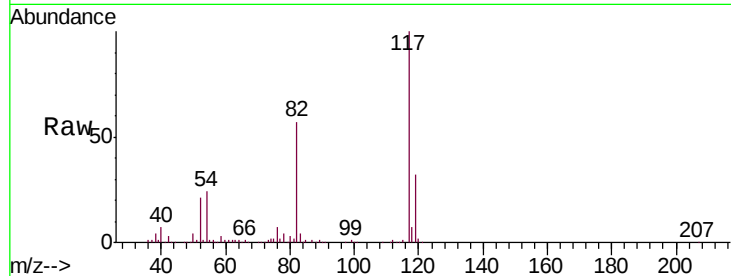
Tgt Ion:117 Resp: 309419

Ion Ratio Lower Upper

117 100

82 57.5 45.9 68.9

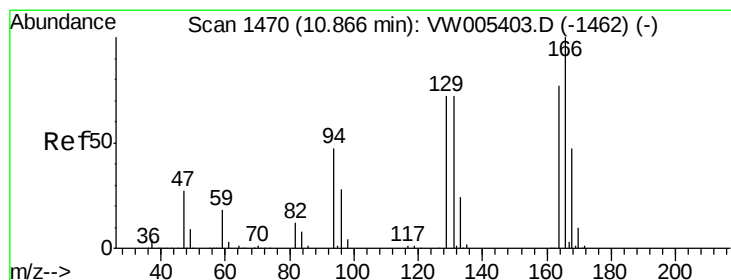
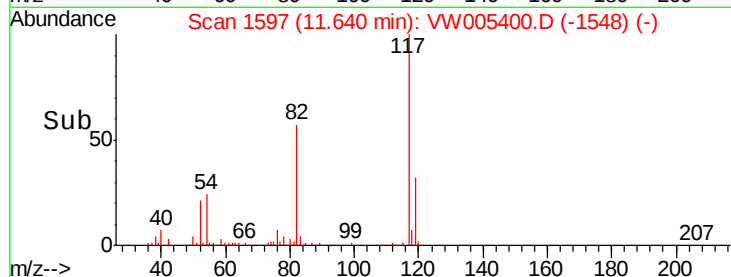
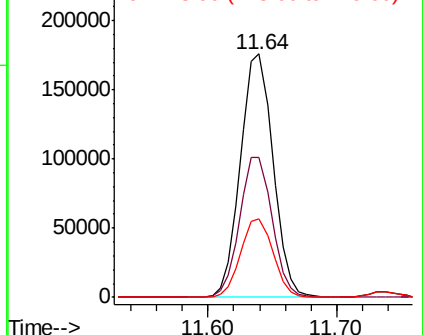
119 32.4 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 5.050 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Tgt Ion:164 Resp: 11563

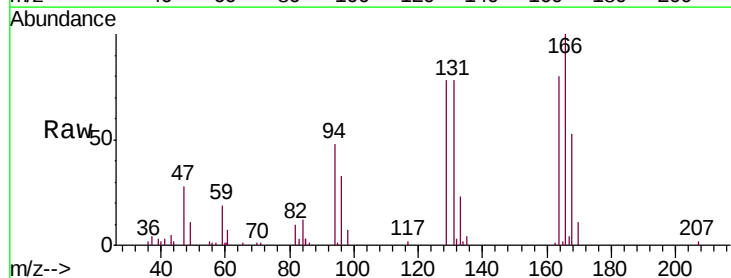
Ion Ratio Lower Upper

164 100

166 124.4 104.0 156.0

129 97.4 74.9 112.3

131 96.7 75.3 112.9

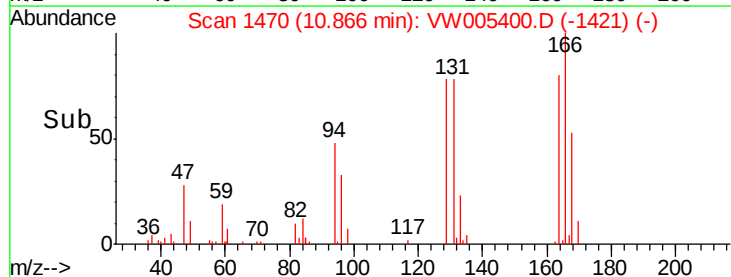
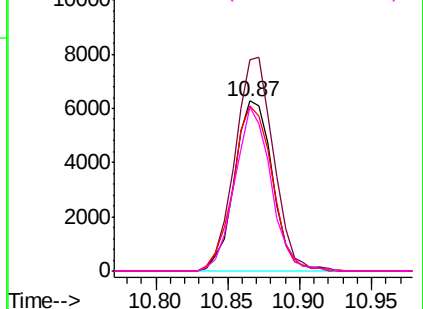


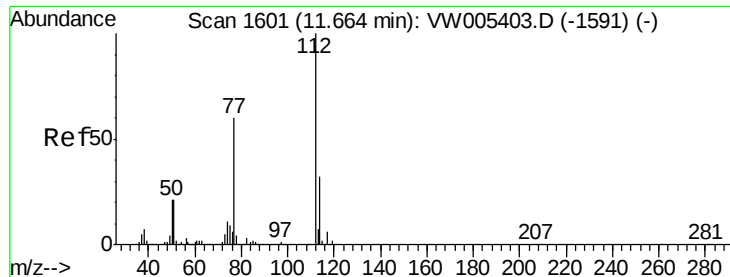
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

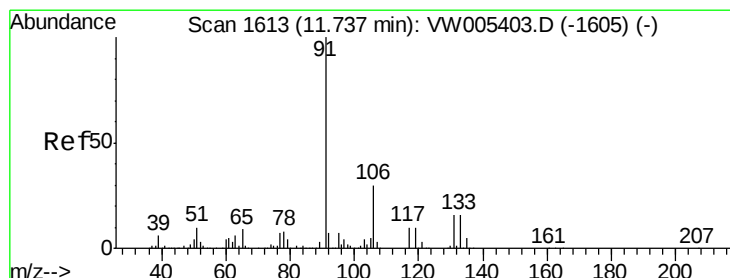
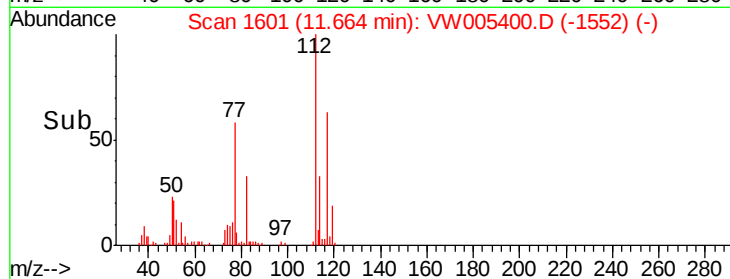
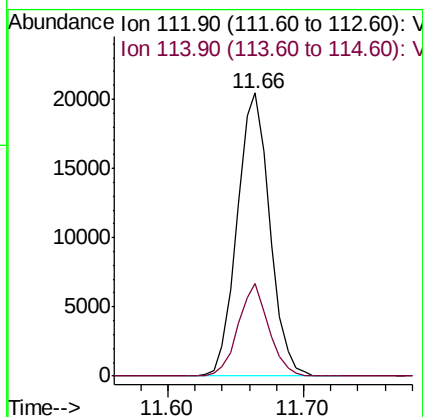
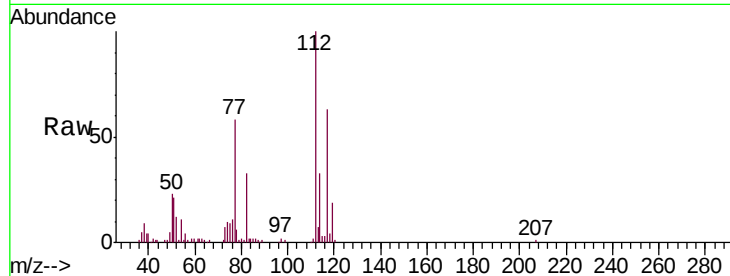




#65
Chlorobenzene
Concen: 5.080 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

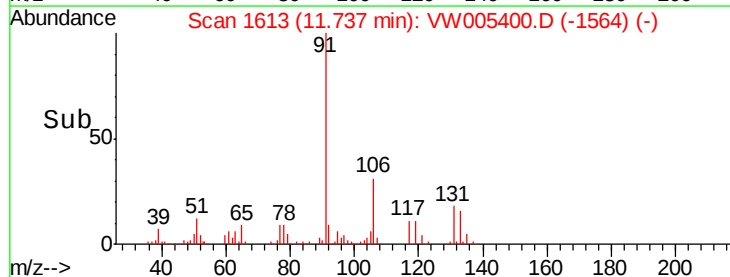
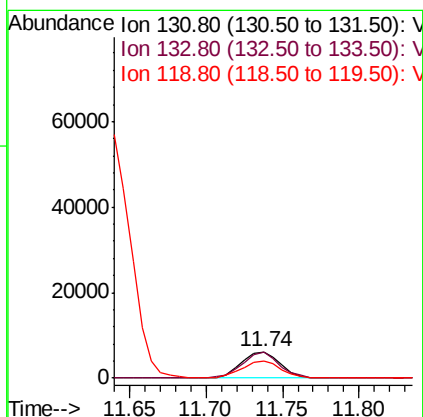
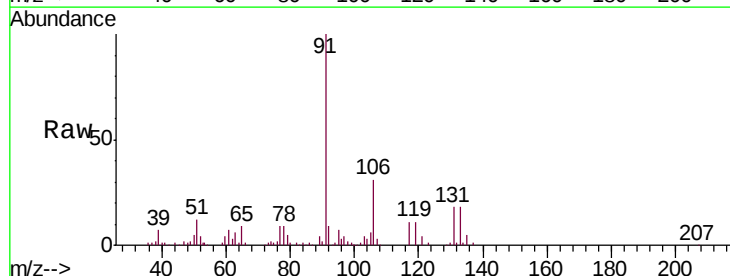
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

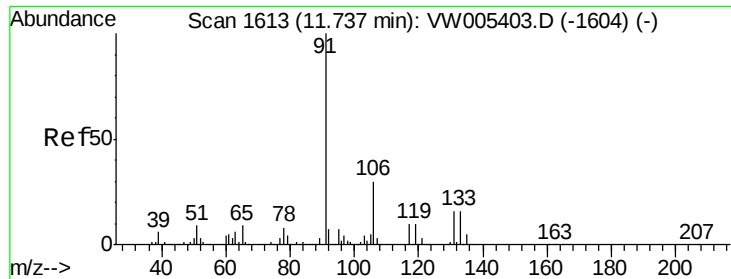
Tgt Ion:112 Resp: 34180
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.361 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion:131 Resp: 10901
Ion Ratio Lower Upper
131 100
133 92.4 47.3 141.9
119 65.6 31.1 93.5

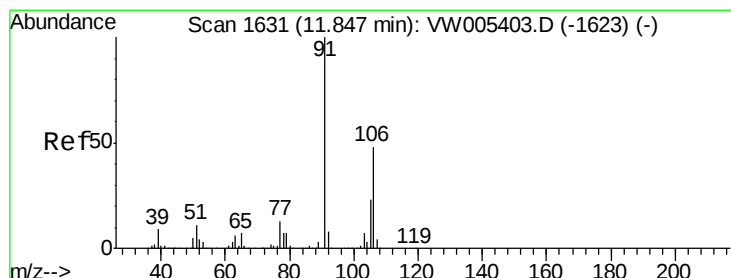
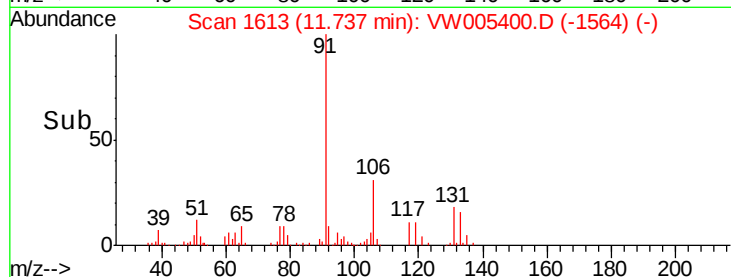
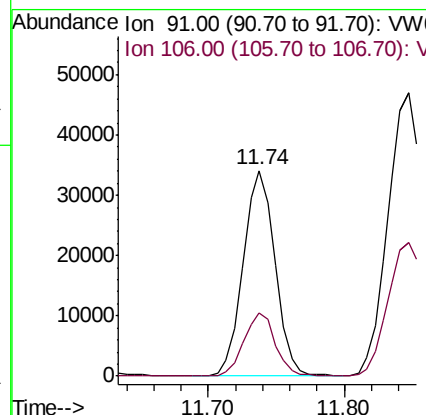
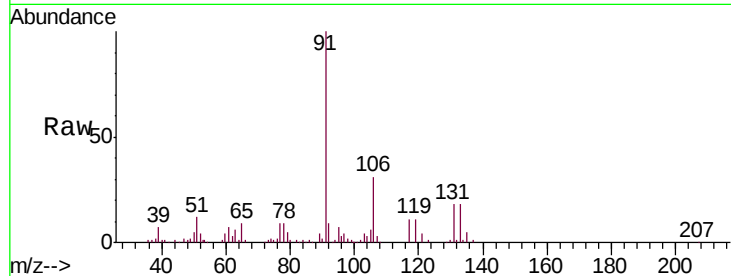




#67
Ethyl Benzene
Concen: 4.753 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

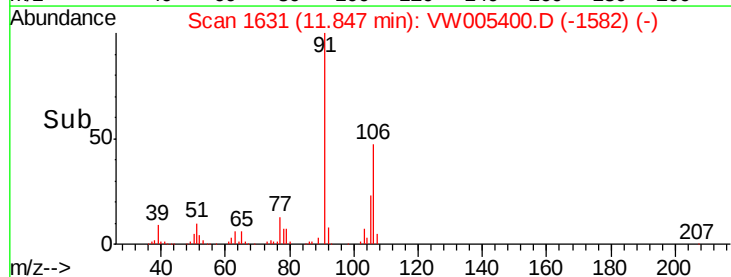
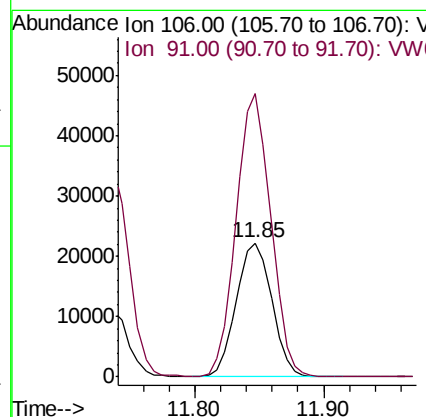
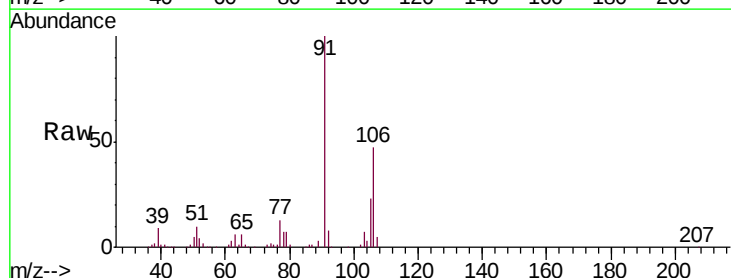
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

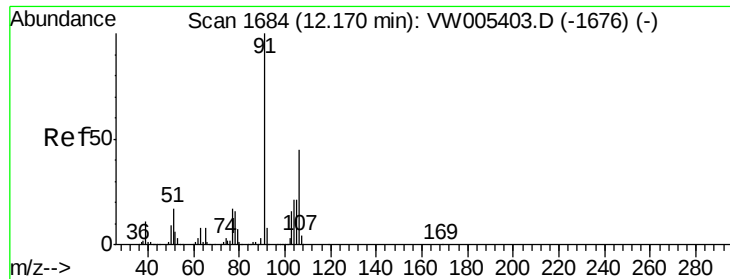
Tgt Ion: 91 Resp: 55849
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4



#68
m/p-Xylenes
Concen: 9.074 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 106 Resp: 42721
Ion Ratio Lower Upper
106 100
91 206.0 167.9 251.9

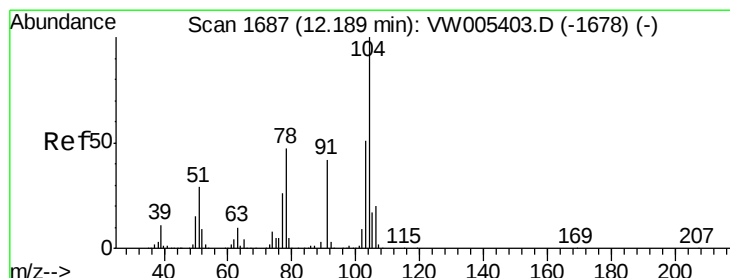
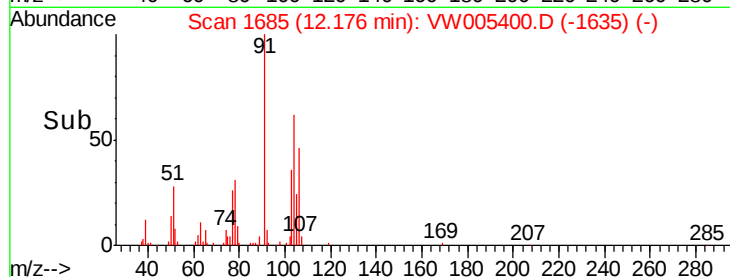
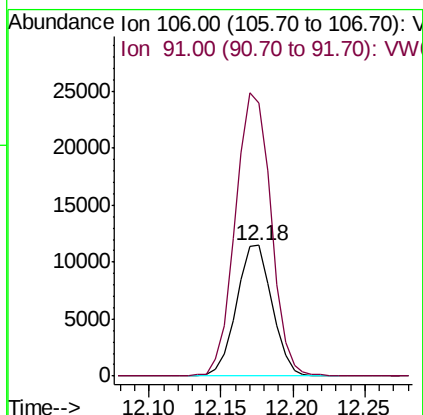
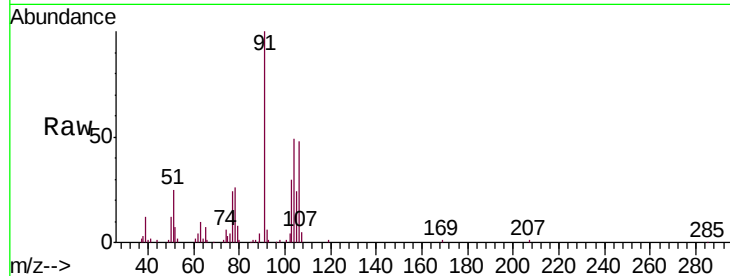




#69
o-Xylene
Concen: 4.534 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

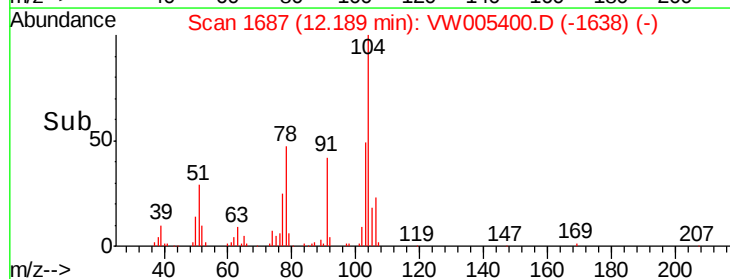
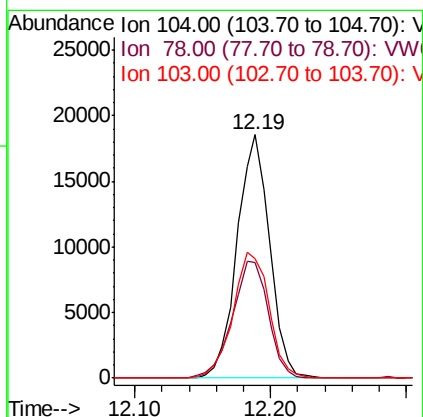
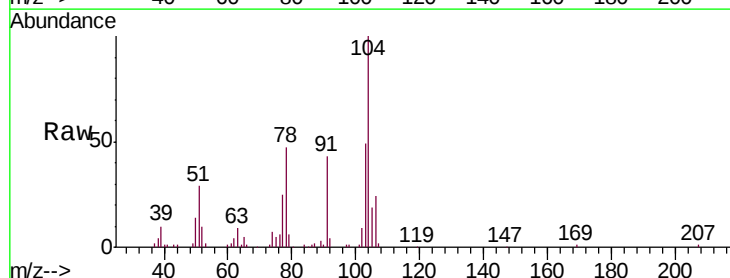
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

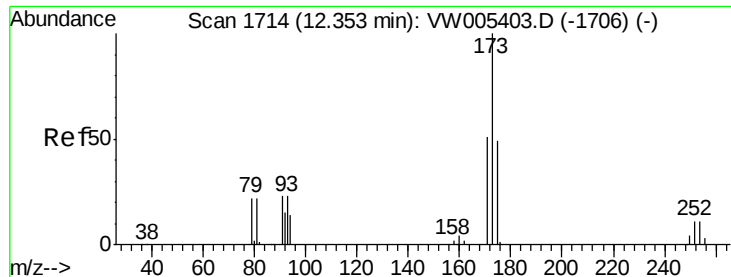
Tgt Ion:106 Resp: 19823
Ion Ratio Lower Upper
106 100
91 216.9 110.6 331.6



#70
Styrene
Concen: 4.318 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion:104 Resp: 30901
Ion Ratio Lower Upper
104 100
78 53.0 42.4 63.6
103 57.5 44.8 67.2





#71

Bromoform

Concen: 5.071 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

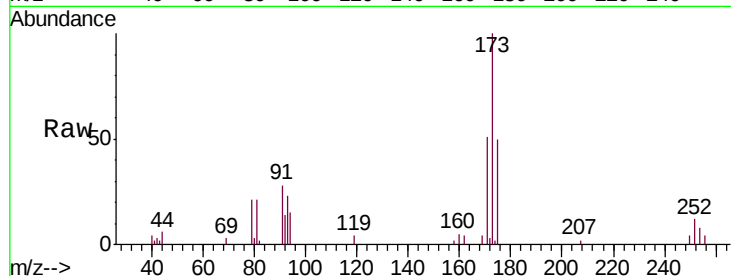
Tgt Ion:173 Resp: 5569

Ion Ratio Lower Upper

173 100

175 48.0 24.2 72.6

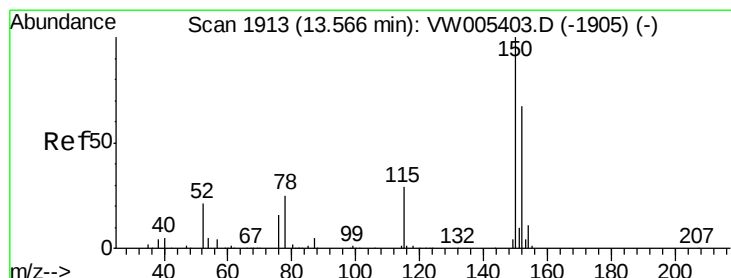
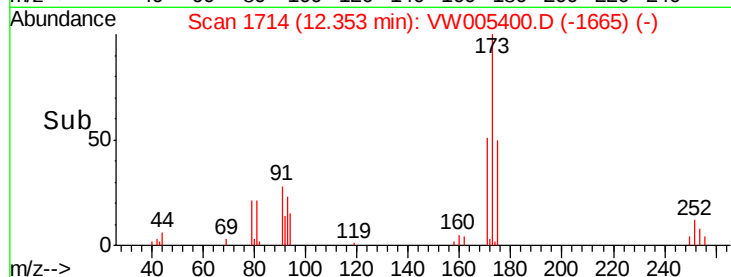
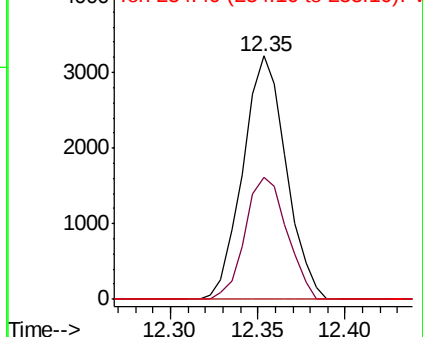
254 0.0 0.0 0.0



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: VW005400.D

Acq: 14 Sep 2018 22:50

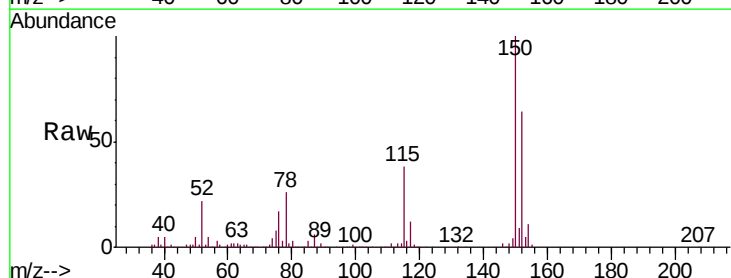
Tgt Ion:152 Resp: 164257

Ion Ratio Lower Upper

152 100

115 59.4 29.5 88.5

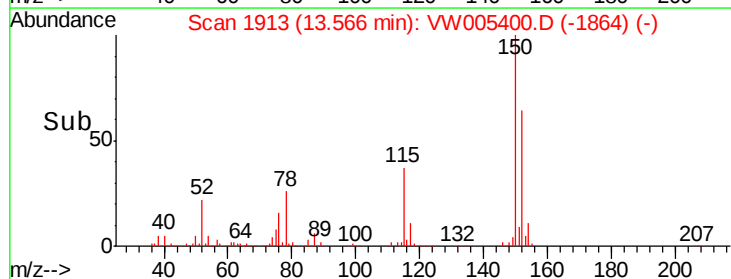
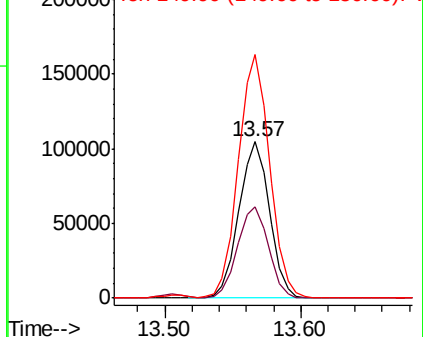
150 159.1 0.0 345.6

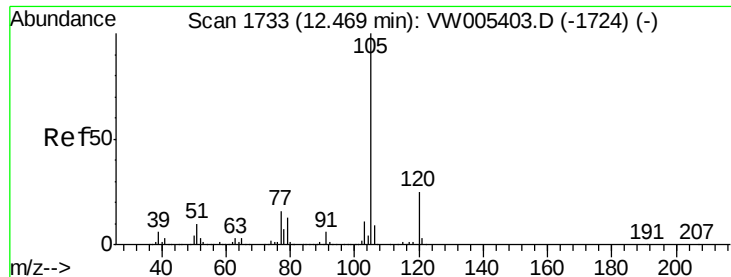


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.581 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

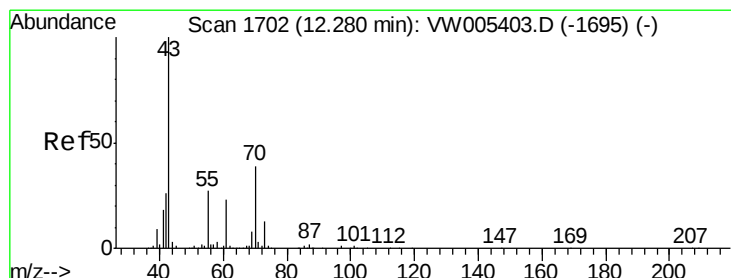
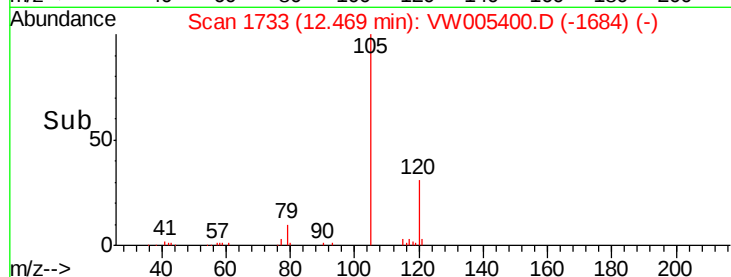
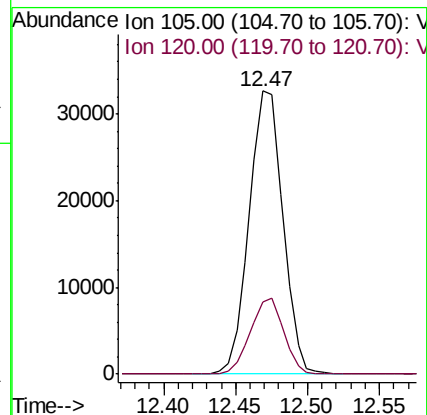
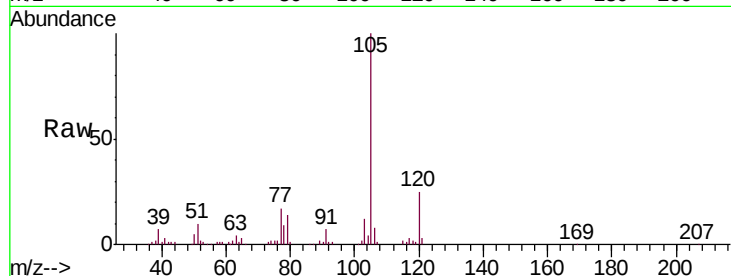
VSTDIC005

Tgt Ion: 105 Resp: 52838

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 4.915 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Tgt Ion: 43 Resp: 11013

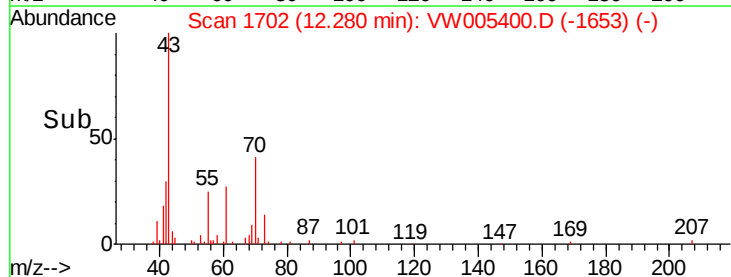
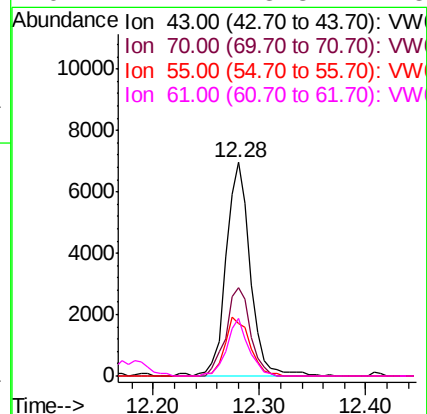
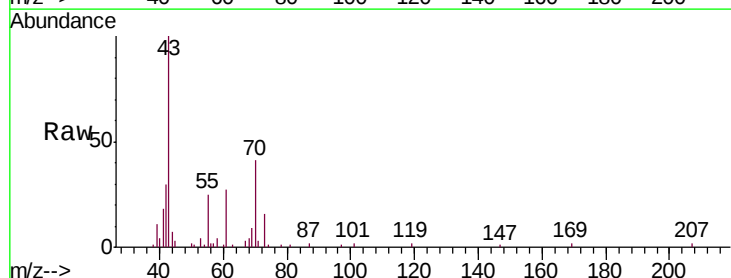
Ion Ratio Lower Upper

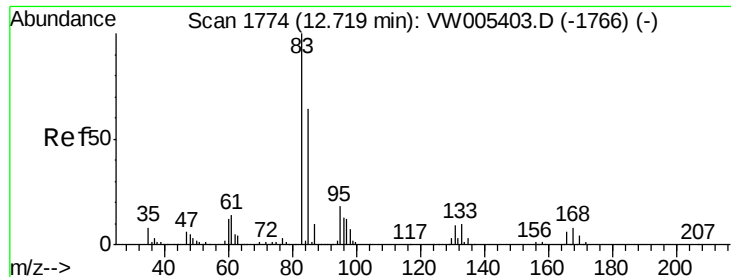
43 100

70 41.3 31.9 47.9

55 28.6 21.4 32.0

61 24.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 4.991 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

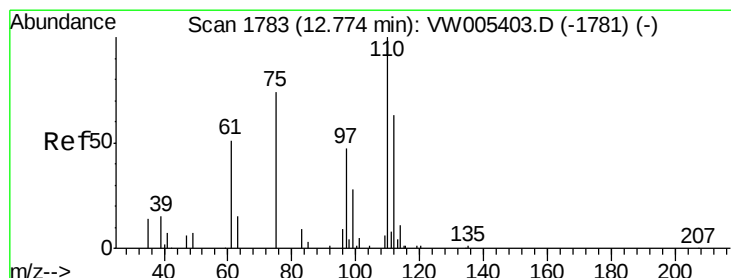
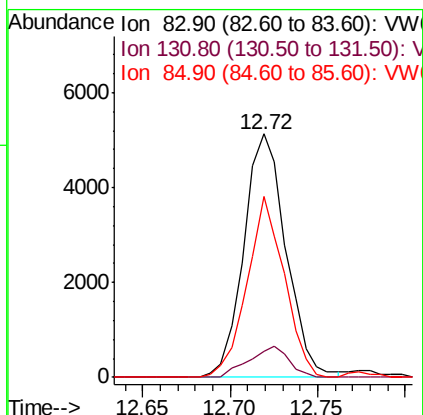
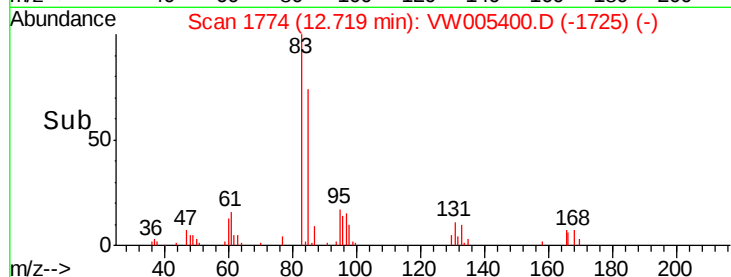
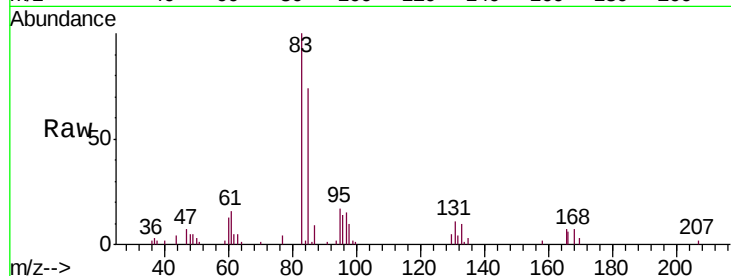
Tgt Ion: 83 Resp: 8612

Ion Ratio Lower Upper

83 100

131 11.9 5.7 17.1

85 65.6 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 9.852 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005400.D

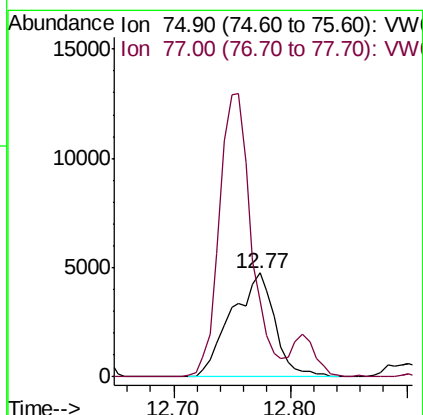
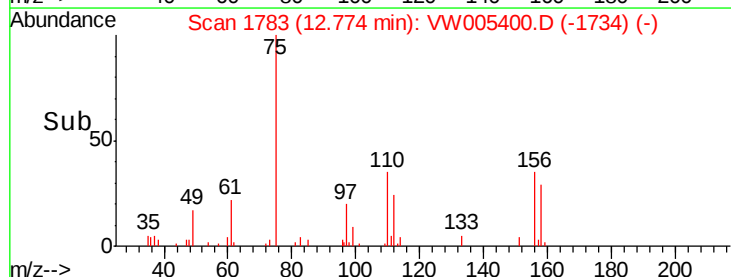
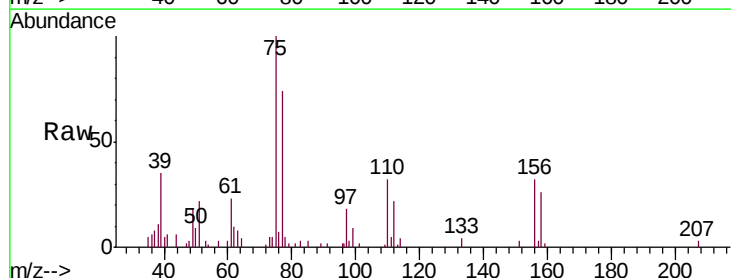
Acq: 14 Sep 2018 22:50

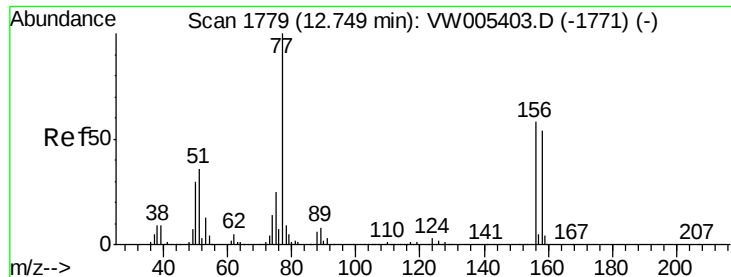
Tgt Ion: 75 Resp: 12421

Ion Ratio Lower Upper

75 100

77 199.8 0.0 0.0#





#77

Bromobenzene

Concen: 5.148 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

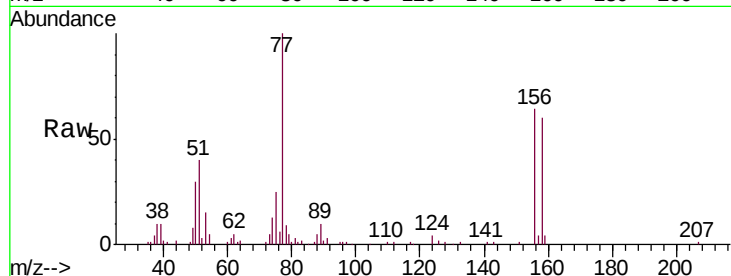
Tgt Ion:156 Resp: 14051

Ion Ratio Lower Upper

156 100

77 176.6 92.8 278.3

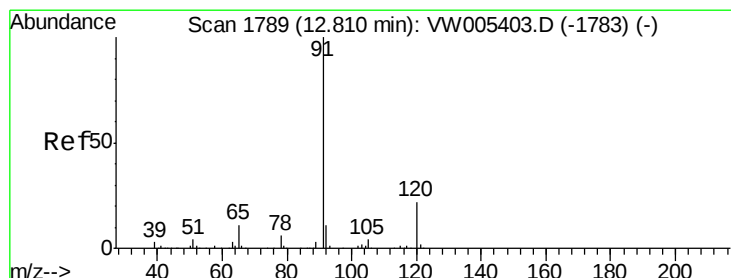
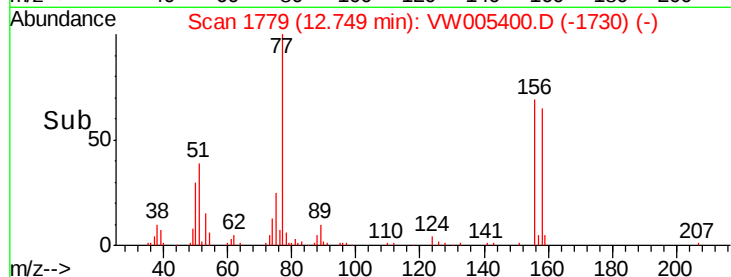
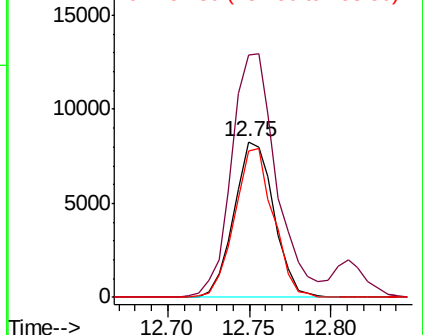
158 93.1 48.2 144.6



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: 4.585 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005400.D

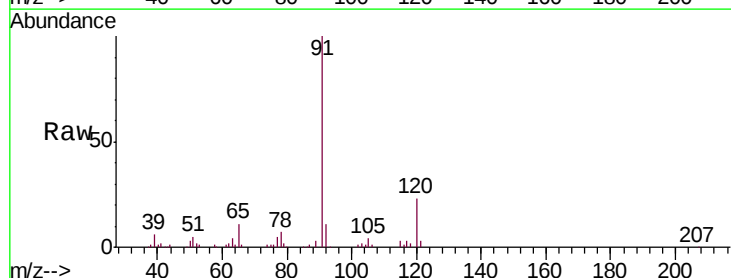
Acq: 14 Sep 2018 22:50

Tgt Ion: 91 Resp: 63980

Ion Ratio Lower Upper

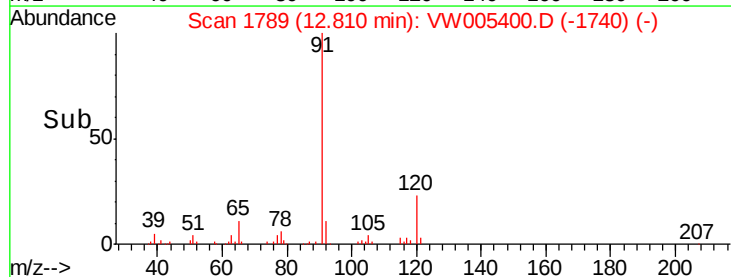
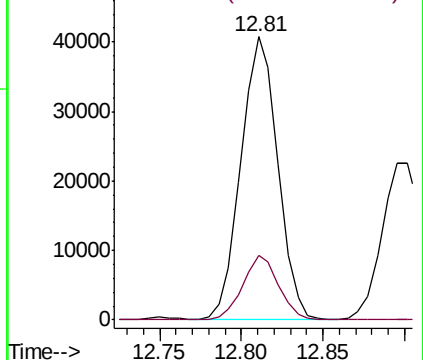
91 100

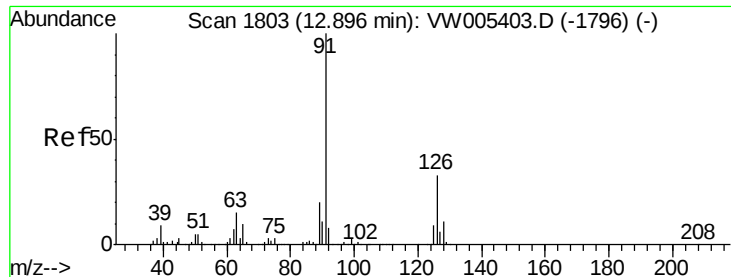
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

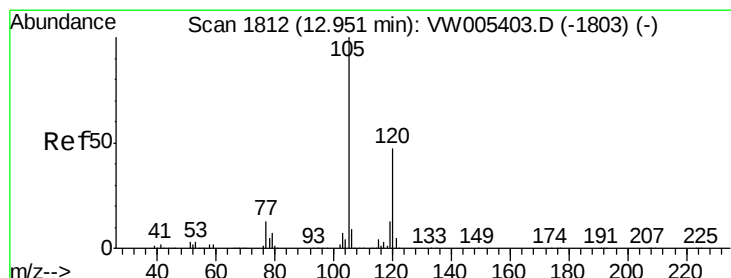
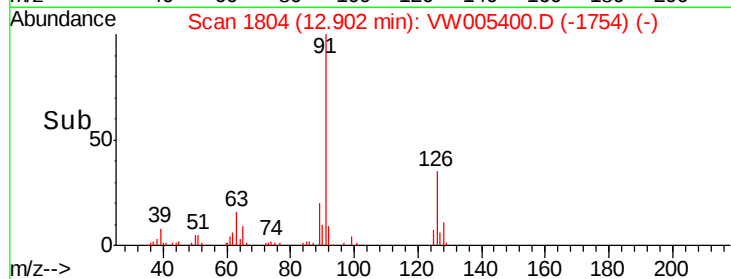
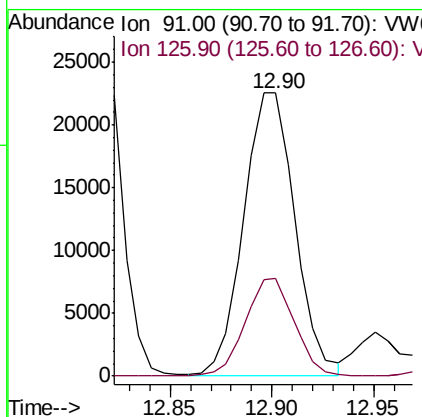
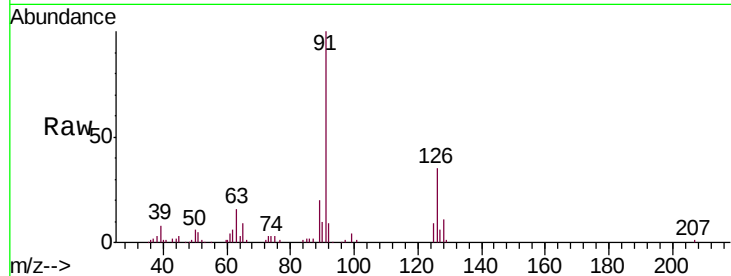




#79
 2-Chlorotoluene
 Concen: 4.909 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

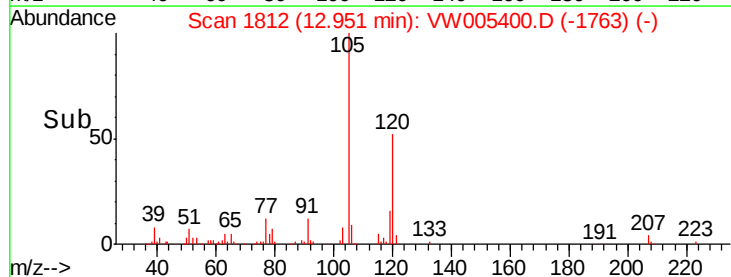
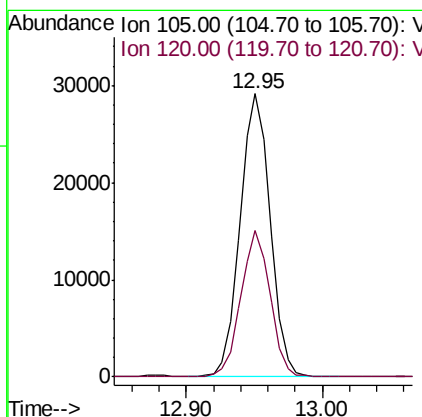
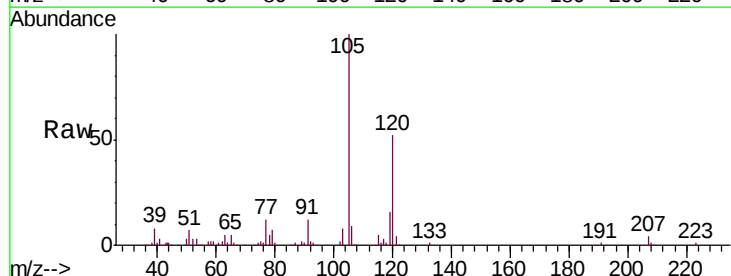
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

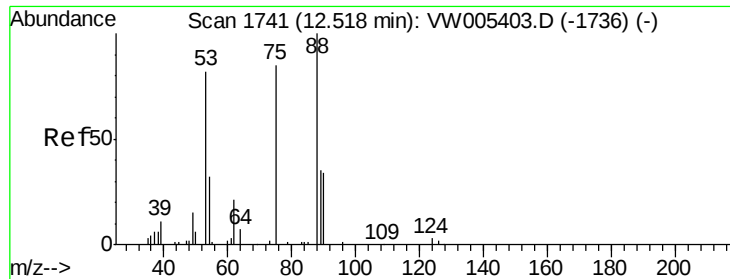
Tgt Ion: 91 Resp: 39352
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 4.537 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion: 105 Resp: 45098
 Ion Ratio Lower Upper
 105 100
 120 50.0 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 4.647 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

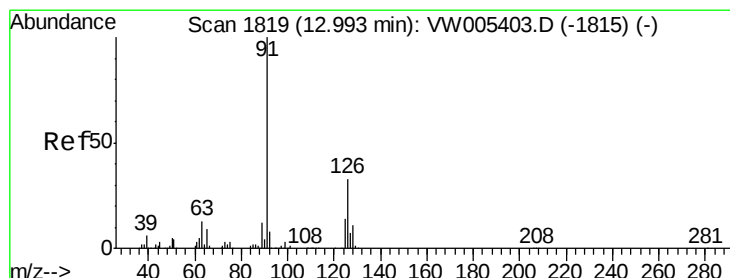
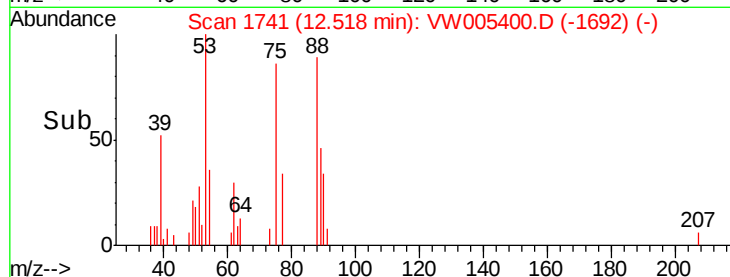
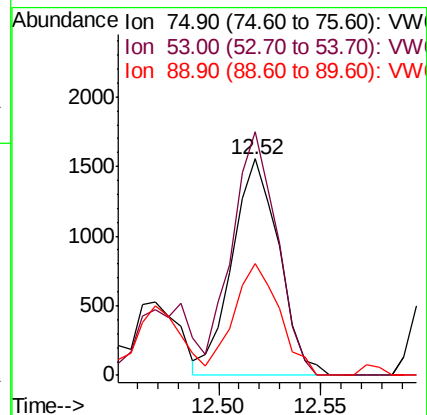
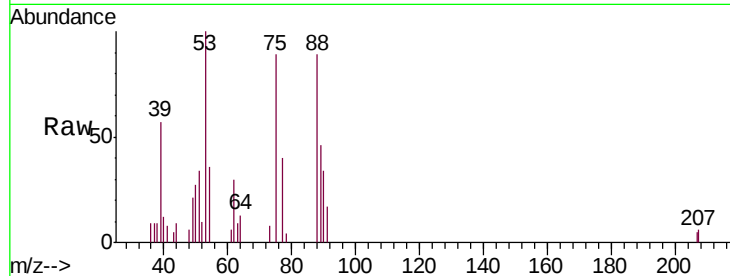
Tgt Ion: 75 Resp: 2483

Ion Ratio Lower Upper

75 100

53 107.1 83.2 124.8

89 50.2 36.6 54.8



#82

4-Chlorotoluene

Concen: 4.910 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005400.D

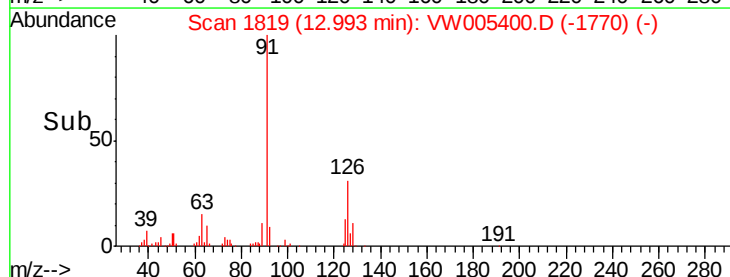
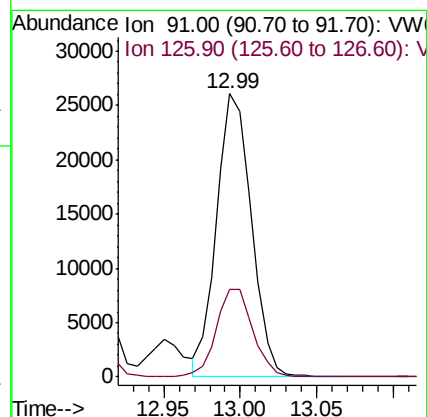
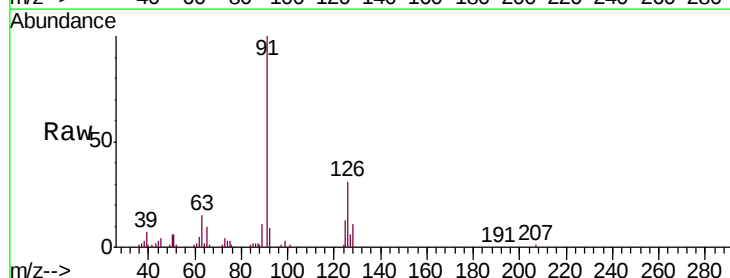
Acq: 14 Sep 2018 22:50

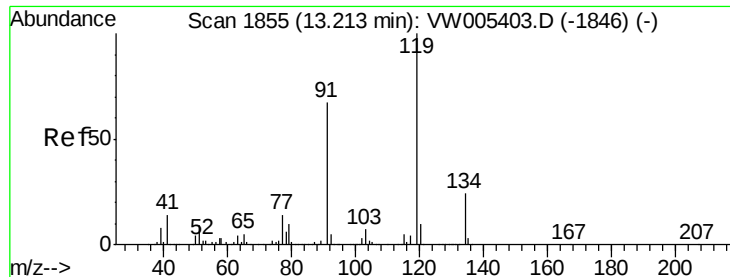
Tgt Ion: 91 Resp: 41465

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.1

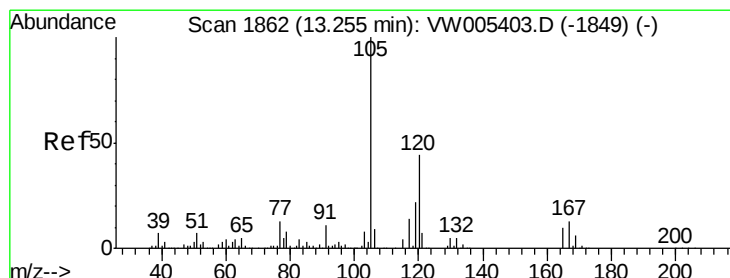
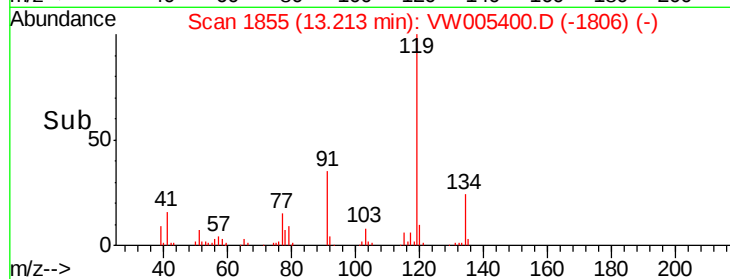
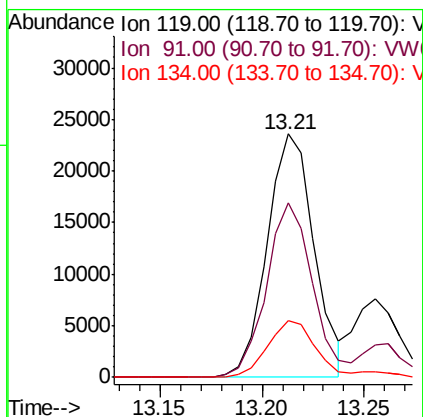
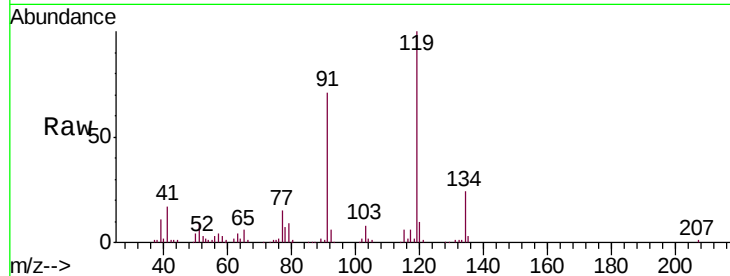




#83
 tert-Butylbenzene
 Concen: 4.392 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

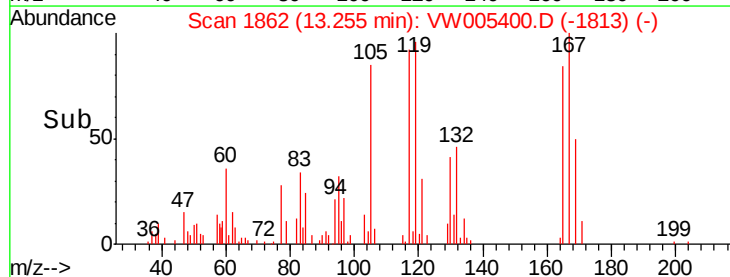
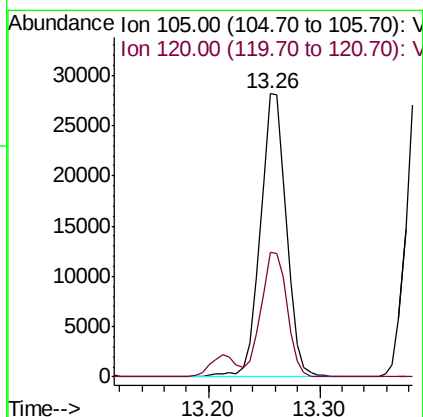
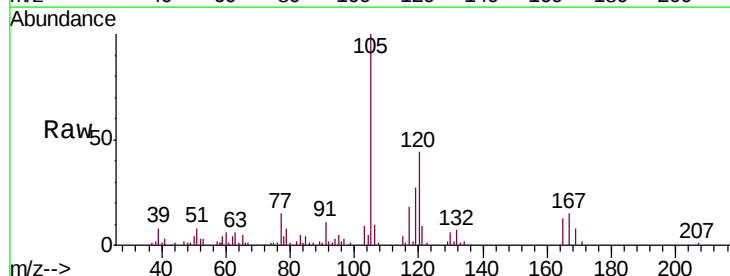
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

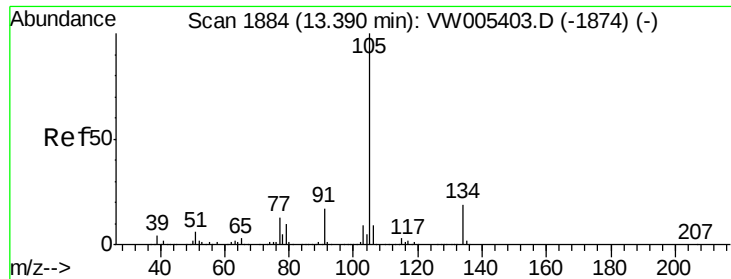
Tgt Ion:119 Resp: 37860
 Ion Ratio Lower Upper
 119 100
 91 70.6 34.4 103.2
 134 23.7 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 4.573 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion:105 Resp: 45883
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.8 65.3





#85

sec-Butylbenzene

Concen: 4.529 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

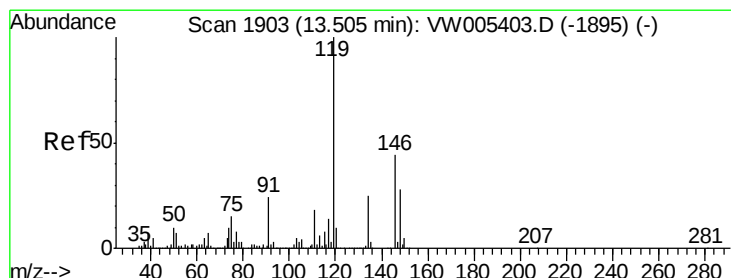
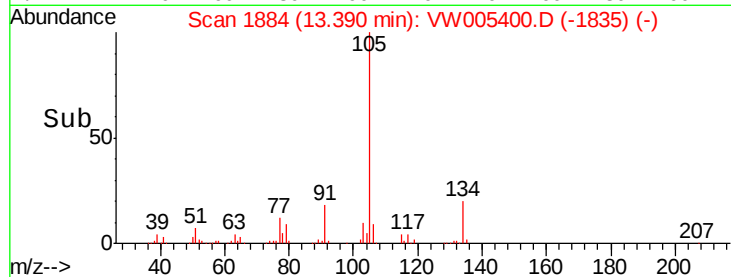
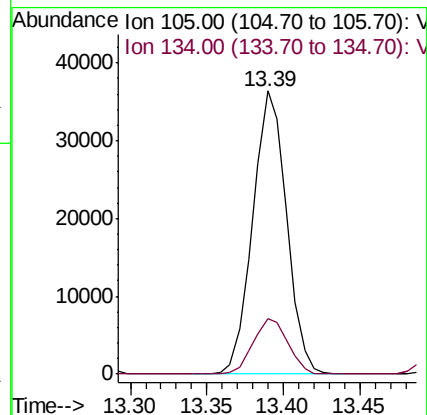
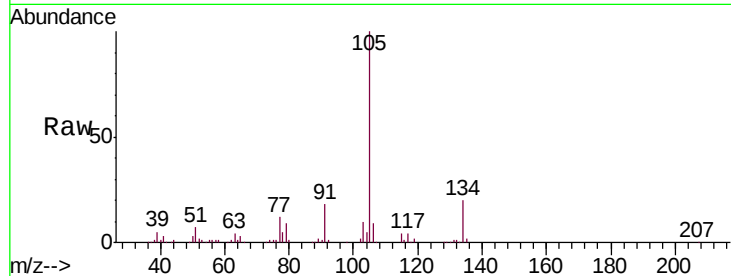
VSTDIC005

Tgt Ion:105 Resp: 56027

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 4.389 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

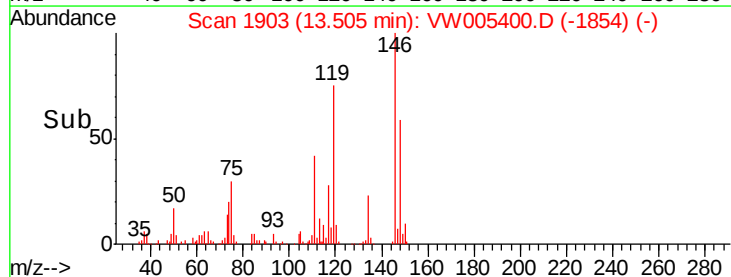
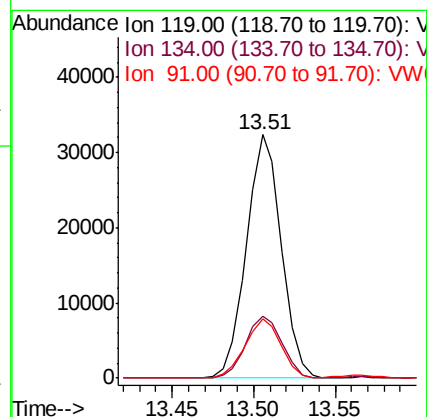
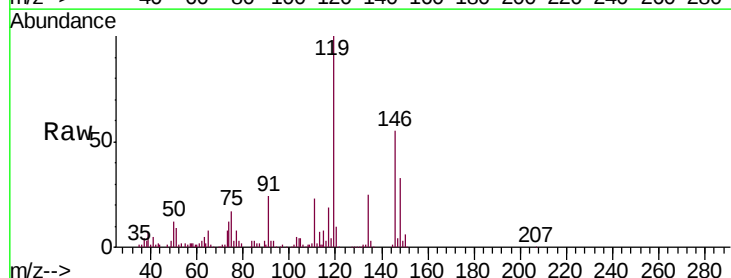
Tgt Ion:119 Resp: 48169

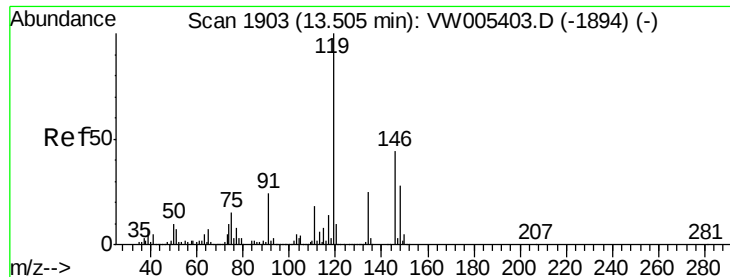
Ion Ratio Lower Upper

119 100

134 26.5 12.6 37.8

91 25.3 12.0 36.0

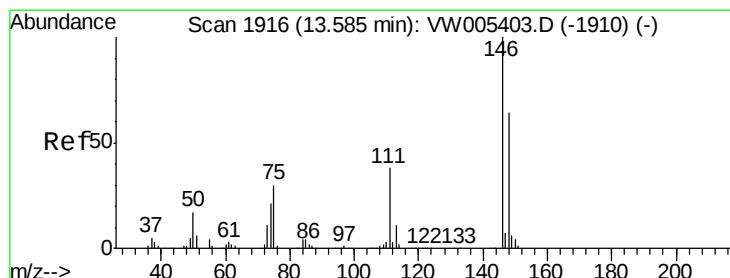
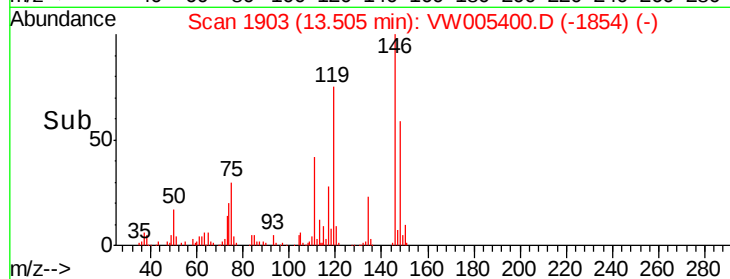
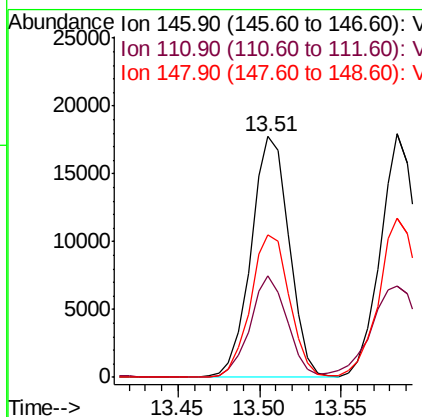
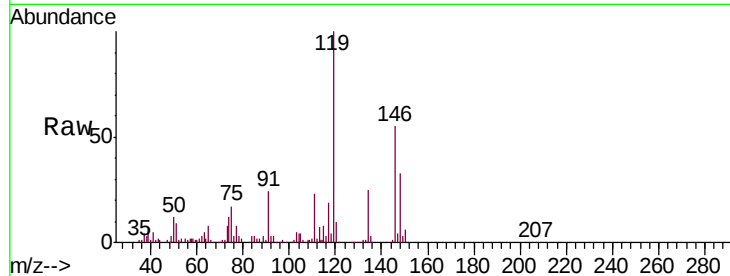




#87
 1,3-Dichlorobenzene
 Concen: 5.075 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

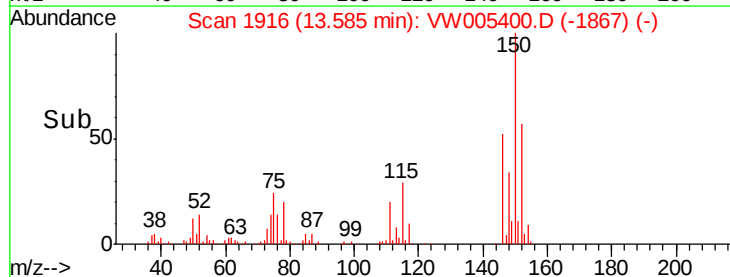
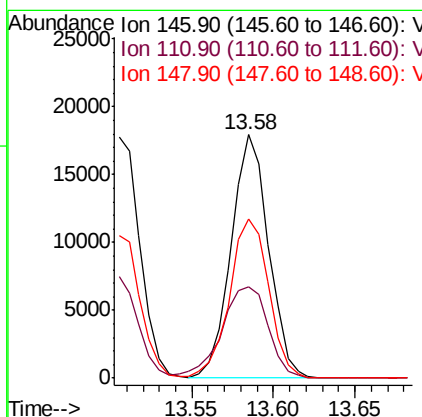
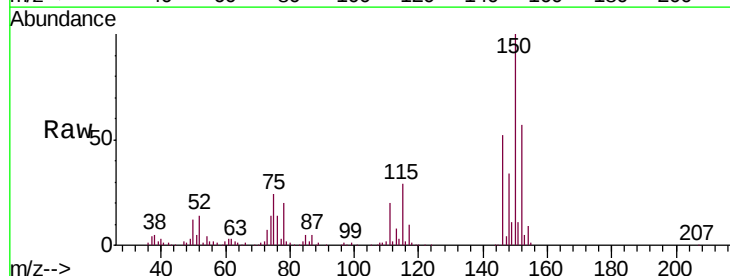
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

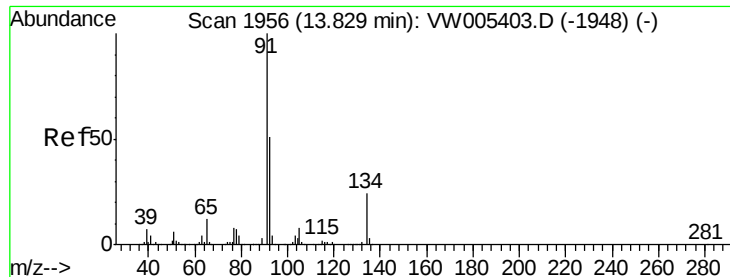
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	60.5	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 5.095 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.8	19.6	58.8
148	68.5	31.8	95.4





#89

n-Butylbenzene

Concen: 4.522 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

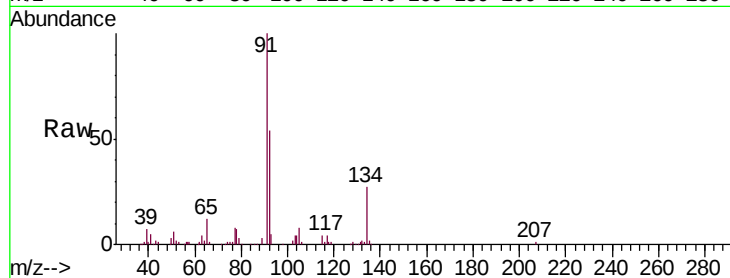
Tgt Ion: 91 Resp: 46650

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.6

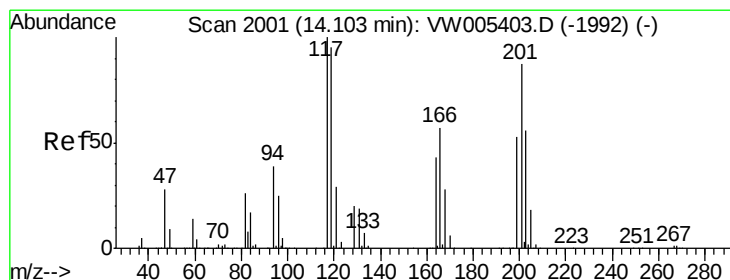
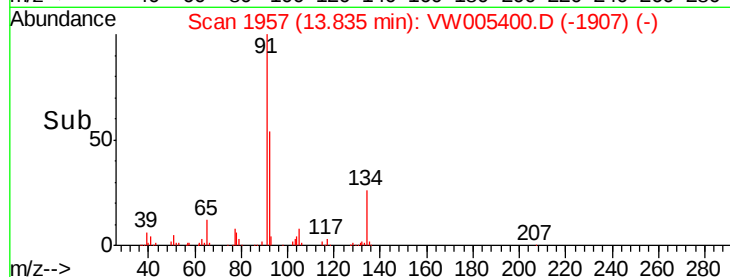
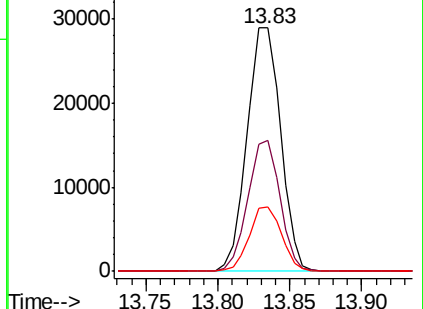
134 25.4 12.7 38.1



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: 5.187 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW005400.D

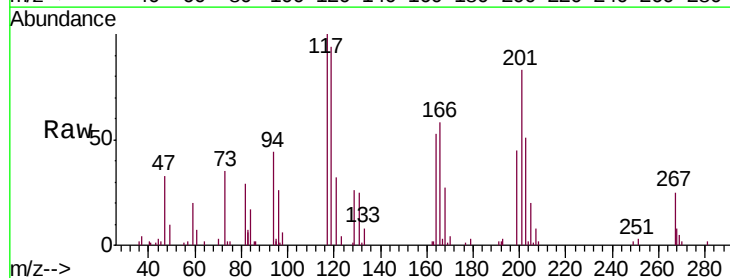
Acq: 14 Sep 2018 22:50

Tgt Ion: 117 Resp: 9220

Ion Ratio Lower Upper

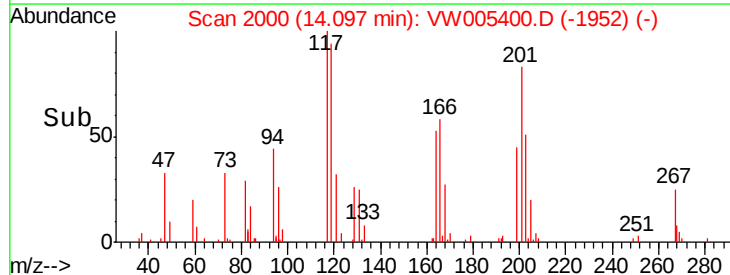
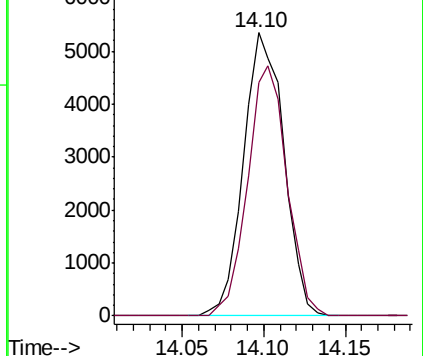
117 100

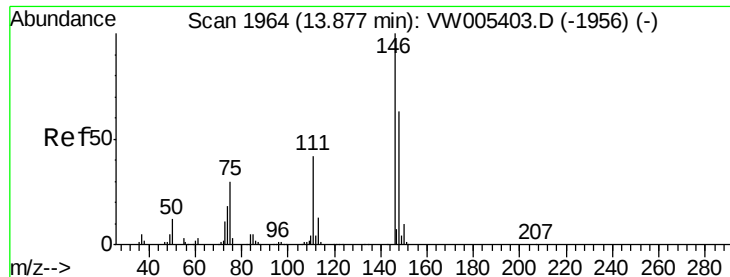
201 86.2 42.5 127.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 4.994 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

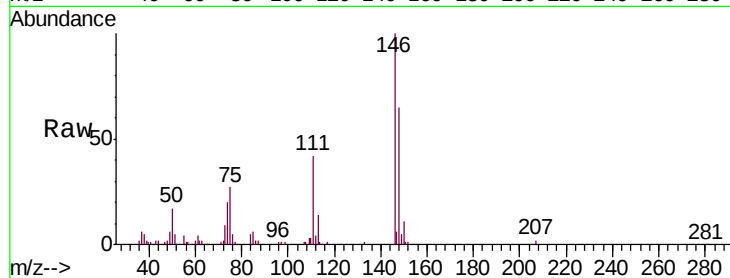
Tgt Ion:146 Resp: 25132

Ion Ratio Lower Upper

146 100

111 42.4 21.0 63.0

148 64.6 31.9 95.9

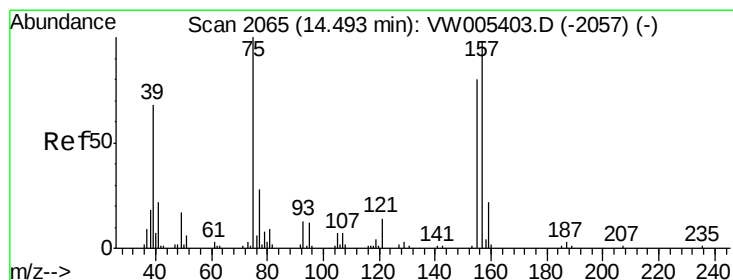
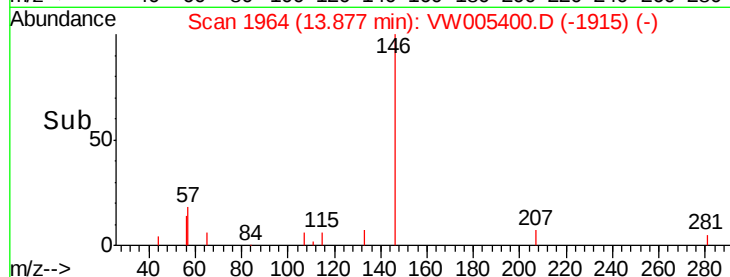
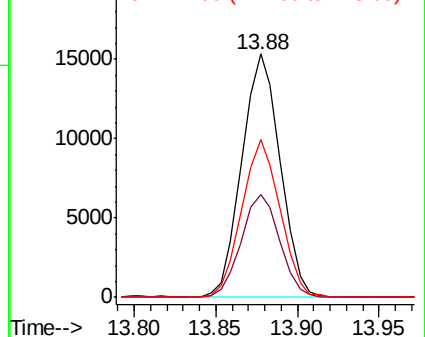


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.779 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

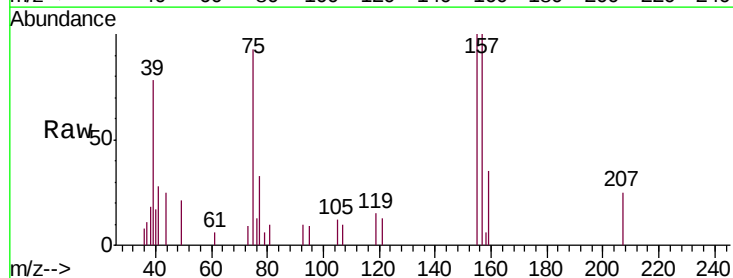
Tgt Ion: 75 Resp: 1695

Ion Ratio Lower Upper

75 100

155 79.7 39.0 117.0

157 94.7 49.9 149.6

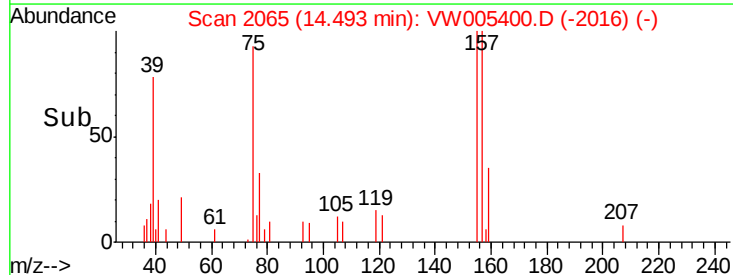
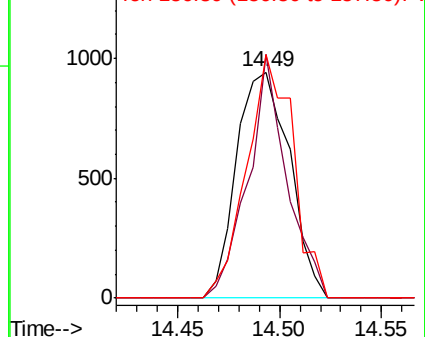


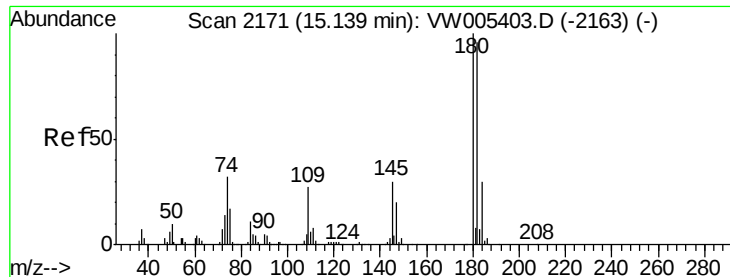
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

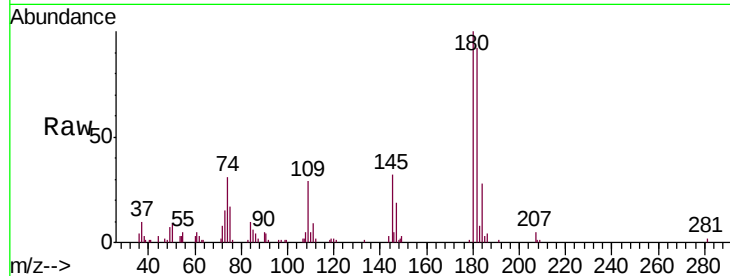




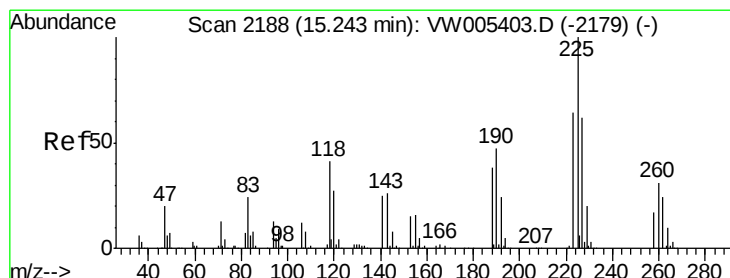
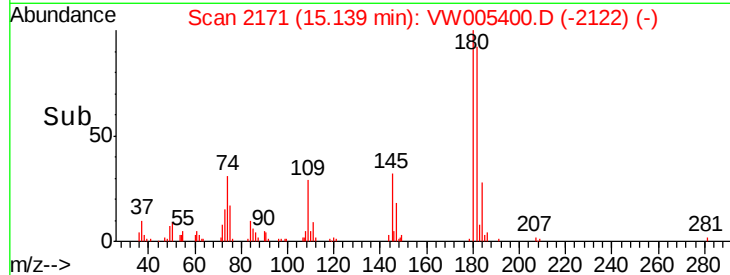
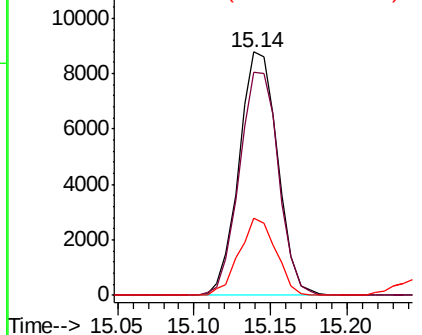
#93
 1,2,4-Trichlorobenzene
 Concen: 4.345 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 15380
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.3 141.9
 145 30.2 14.8 44.3

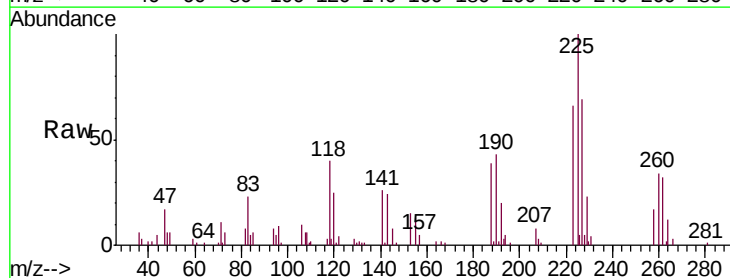


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

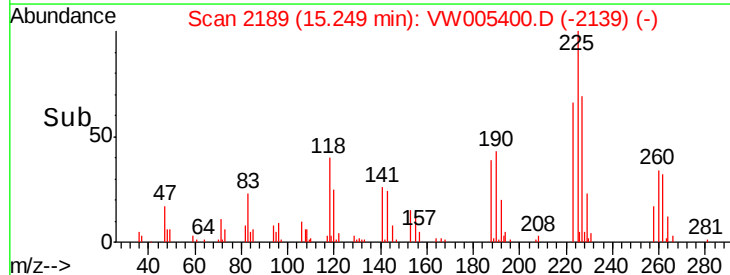
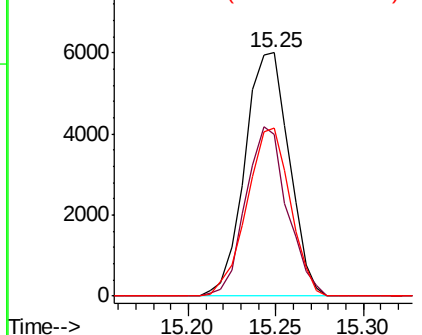


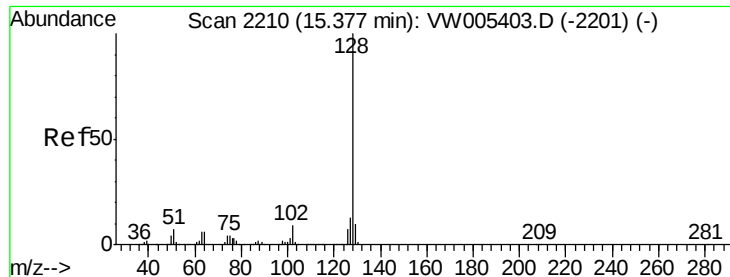
#94
 Hexachlorobutadiene
 Concen: 4.674 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion:225 Resp: 10591
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.2 93.6
 227 67.8 31.6 95.0



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





#95

Naphthalene

Concen: 4.049 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

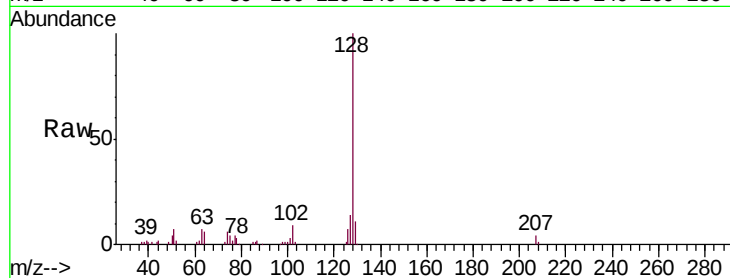
Tgt Ion:128 Resp: 23201

Ion Ratio Lower Upper

128 100

127 14.6 11.0 16.4

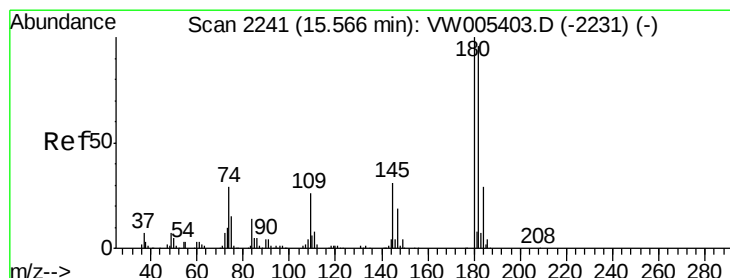
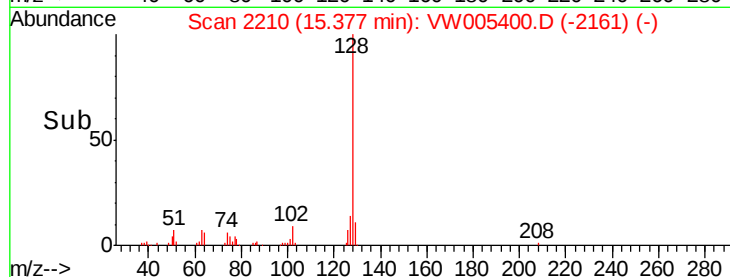
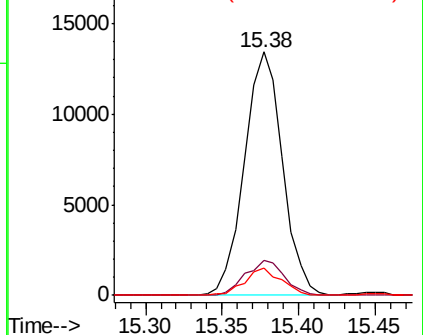
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.469 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

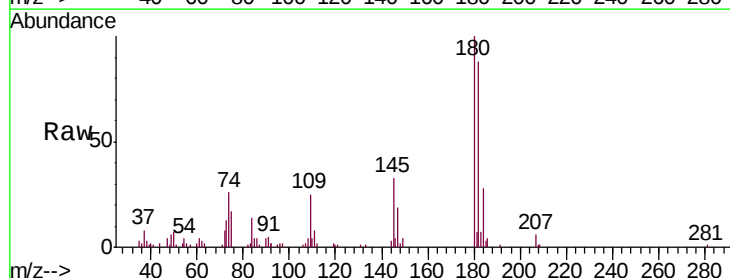
Tgt Ion:180 Resp: 13586

Ion Ratio Lower Upper

180 100

182 94.4 48.1 144.4

145 32.2 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

