

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
 Data File : VW005240.D
 Acq On : 10 Sep 2018 14:32
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 11 02:47:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	472699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	676848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	681470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	366213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	33698	9.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.12%	
35) Dibromofluoromethane	7.89	113	31952	9.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.02%	
50) Toluene-d8	10.33	98	170700	9.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.06%	
62) 4-Bromofluorobenzene	12.63	95	62011	9.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48998	12.016	ug/l	100
3) Chloromethane	2.22	50	63075	11.570	ug/l	94
4) Vinyl Chloride	2.36	62	56211	11.232	ug/l	97
5) Bromomethane	2.76	94	41262	12.117	ug/l	98
6) Chloroethane	2.92	64	31363	11.376	ug/l	95
7) Trichlorofluoromethane	3.26	101	63108	11.147	ug/l	92
8) Diethyl Ether	3.69	74	21577	10.694	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	44863	11.094	ug/l	99
10) Methyl Iodide	4.28	142	40828	9.169	ug/l	98
11) Tert butyl alcohol	5.17	59	15961	55.203	ug/l	97
12) 1,1-Dichloroethene	4.04	96	39915	10.720	ug/l	96
13) Acrolein	3.90	56	14322	51.280	ug/l	98
14) Allyl chloride	4.68	41	59848	10.461	ug/l	100
15) Acrylonitrile	5.37	53	47761	52.468	ug/l	100
16) Acetone	4.13	43	36325	55.507	ug/l	94
17) Carbon Disulfide	4.39	76	137657	10.532	ug/l	99
18) Methyl Acetate	4.68	43	20502	10.495	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	89272	10.066	ug/l	100
20) Methylene Chloride	4.92	84	66394	11.970	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	46434	10.681	ug/l	94
22) Diisopropyl ether	6.32	45	117371	10.190	ug/l #	91
23) Vinyl Acetate	6.26	43	319312	49.745	ug/l	99
24) 1,1-Dichloroethane	6.22	63	73748	10.401	ug/l	100
25) 2-Butanone	7.18	43	53450	51.780	ug/l	94
26) 2,2-Dichloropropane	7.18	77	68240	11.101	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	48061	10.329	ug/l	99
28) Bromochloromethane	7.52	49	24193	9.249	ug/l	99
29) Tetrahydrofuran	7.53	42	34712	49.900	ug/l	99
30) Chloroform	7.69	83	73804	10.372	ug/l	98
31) Cyclohexane	7.96	56	80979	10.734	ug/l #	88
32) 1,1,1-Trichloroethane	7.88	97	69789	10.857	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65646	10.586	ug/l	98
37) Ethyl Acetate	7.26	43	24472	10.375	ug/l	98
38) Carbon Tetrachloride	8.07	117	61925	10.661	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83490	10.141	ug/l	97
40) Benzene	8.33	78	190700	10.438	ug/l	99
41) Methacrylonitrile	7.49	41	11803	9.754	ug/l #	86
42) 1,2-Dichloroethane	8.41	62	45737	10.465	ug/l	99
43) Isopropyl Acetate	8.43	43	44602	10.183	ug/l	98
44) Trichloroethene	9.10	130	52252	10.426	ug/l	100
45) 1,2-Dichloropropane	9.38	63	46506	10.591	ug/l	95
46) Dibromomethane	9.46	93	22293	10.372	ug/l	99
47) Bromodichloromethane	9.65	83	55187	10.496	ug/l	96
48) Methyl methacrylate	9.44	41	21087	9.272	ug/l	92
49) 1,4-Dioxane	9.45	88	8832	220.081	ug/l	93
51) 4-Methyl-2-Pentanone	10.22	43	126793	51.441	ug/l	99
52) Toluene	10.40	92	143069	10.775	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57593	10.135	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	69563	10.223	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37507	10.944	ug/l	97
56) Ethyl methacrylate	10.65	69	42755	9.840	ug/l	97
57) 1,3-Dichloropropane	10.94	76	59733	10.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	86712	45.917	ug/l	99
59) 2-Hexanone	10.98	43	92797	52.222	ug/l	96
60) Dibromochloromethane	11.13	129	39317	10.339	ug/l	98
61) 1,2-Dibromoethane	11.24	107	33473	10.651	ug/l	100
64) Tetrachloroethene	10.87	164	54760	10.831	ug/l	99
65) Chlorobenzene	11.66	112	160159	10.728	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	45762	10.267	ug/l	100
67) Ethyl Benzene	11.74	91	270425	10.402	ug/l	99
68) m/p-Xylenes	11.85	106	219957	20.995	ug/l	99
69) o-Xylene	12.18	106	101170	10.380	ug/l	100
70) Styrene	12.19	104	161283	10.141	ug/l	99
71) Bromoform	12.35	173	24768	10.248	ug/l #	97
73) Isopropylbenzene	12.47	105	270335	10.448	ug/l	99
74) N-amyl acetate	12.28	43	50074	10.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	41966	10.792	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	54276	11.411	ug/l #	100
77) Bromobenzene	12.76	156	65052	10.672	ug/l	99
78) n-propylbenzene	12.81	91	326634	10.511	ug/l	99
79) 2-Chlorotoluene	12.90	91	190528	10.691	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	229863	10.433	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12449	10.365	ug/l	99
82) 4-Chlorotoluene	12.99	91	196110	10.470	ug/l	99
83) tert-Butylbenzene	13.21	119	205036	10.640	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	225620	10.190	ug/l	100
85) sec-Butylbenzene	13.39	105	288401	10.414	ug/l	99
86) p-Isopropyltoluene	13.51	119	249635	10.183	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137709	10.759	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135653	10.790	ug/l	99
89) n-Butylbenzene	13.83	91	226095	9.810	ug/l	98
90) Hexachloroethane	14.10	117	40873	10.406	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	121031	10.758	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6976	10.788	ug/l	97

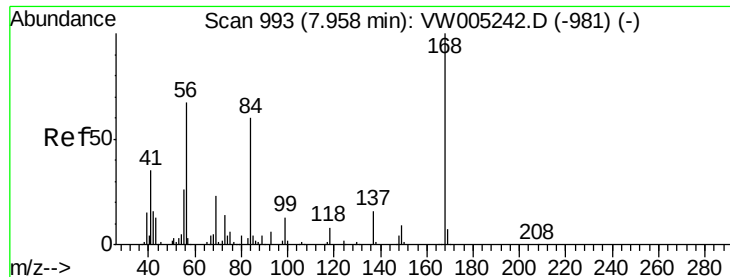
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:46:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	80751	10.147	ug/l	98
94) Hexachlorobutadiene	15.25	225	54691	10.732	ug/l	99
95) Naphthalene	15.38	128	123890	9.602	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	70312	10.268	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

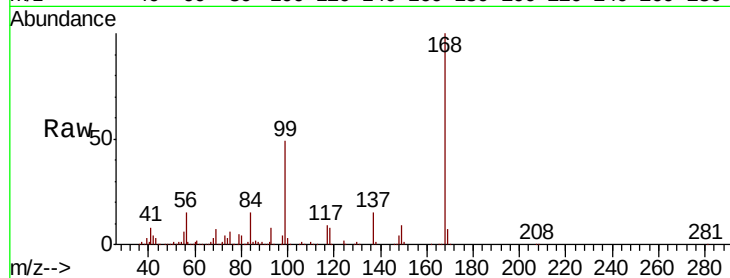
VSTDIC010

Tgt Ion:168 Resp: 472699

Ion Ratio Lower Upper

168 100

99 48.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

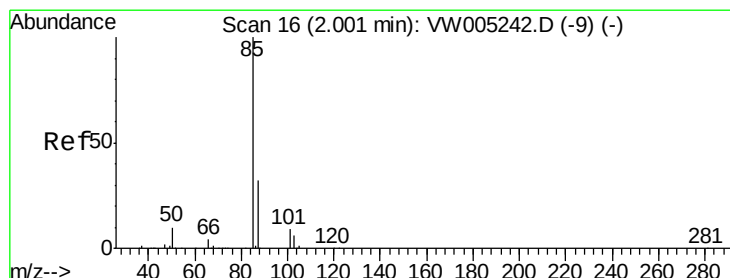
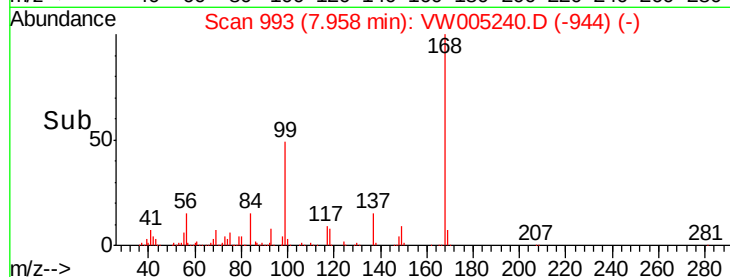
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 12.016 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005240.D

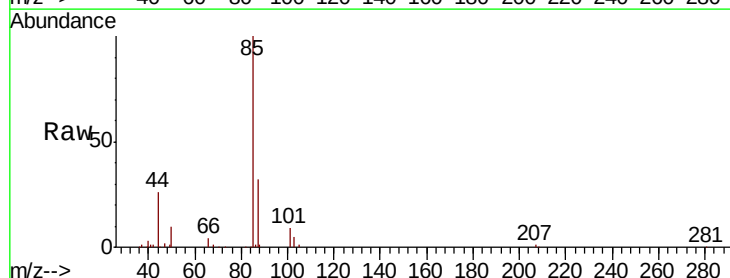
Acq: 10 Sep 2018 14:32

Tgt Ion: 85 Resp: 48998

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

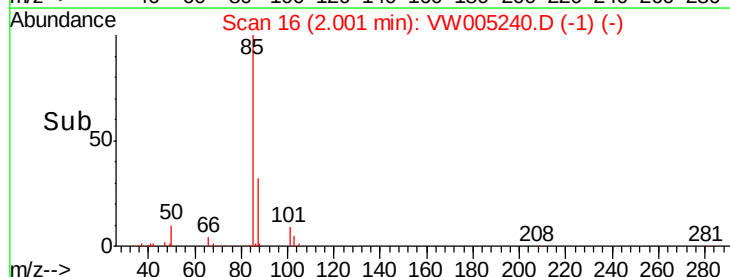
30000

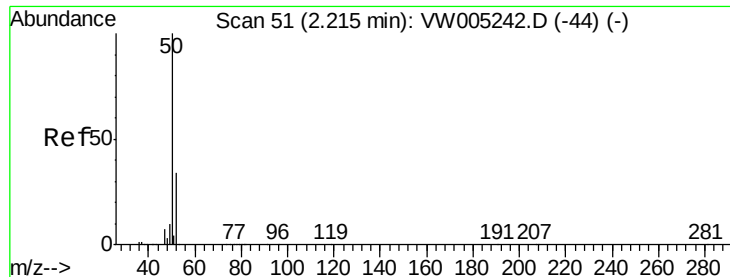
20000

10000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 11.570 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

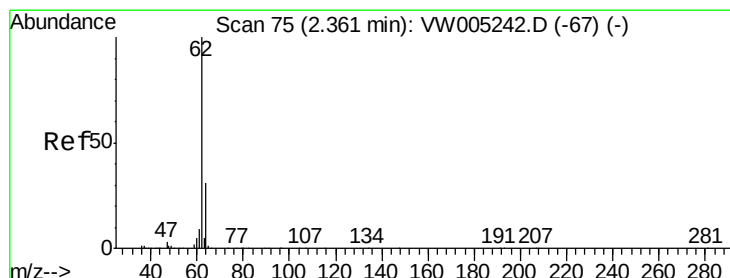
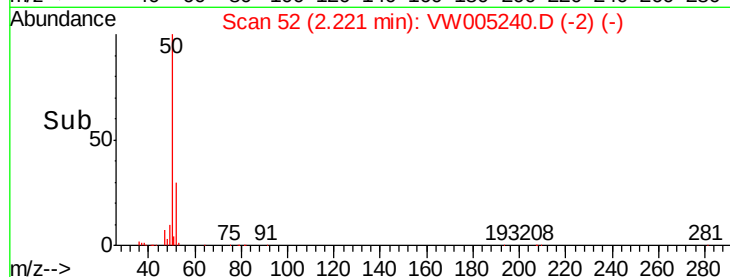
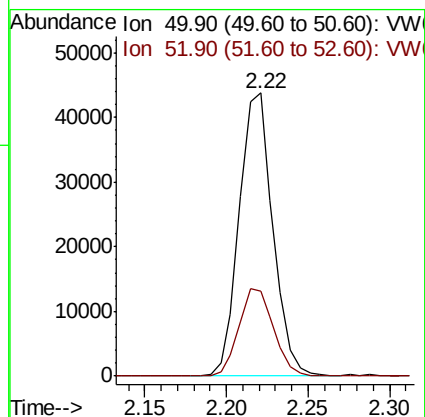
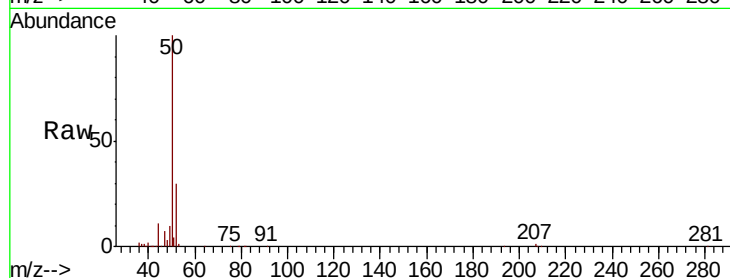
VSTDIC010

Tgt Ion: 50 Resp: 63075

Ion Ratio Lower Upper

50 100

52 30.2 27.0 40.4



#4

Vinyl Chloride

Concen: 11.232 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005240.D

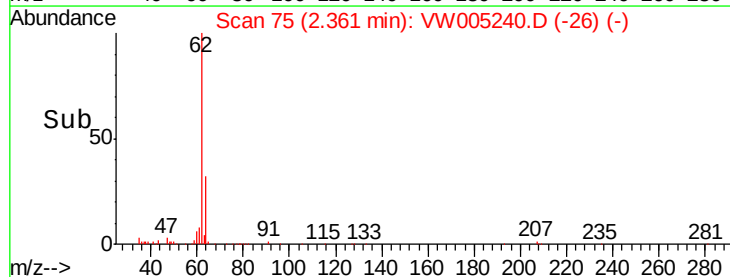
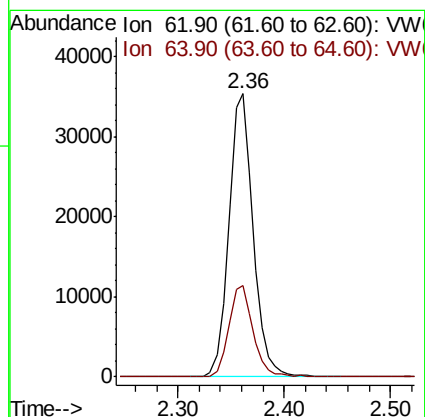
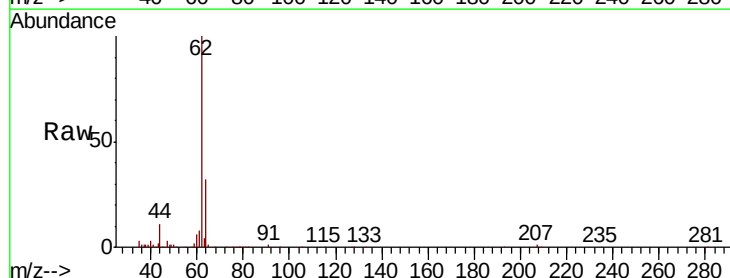
Acq: 10 Sep 2018 14:32

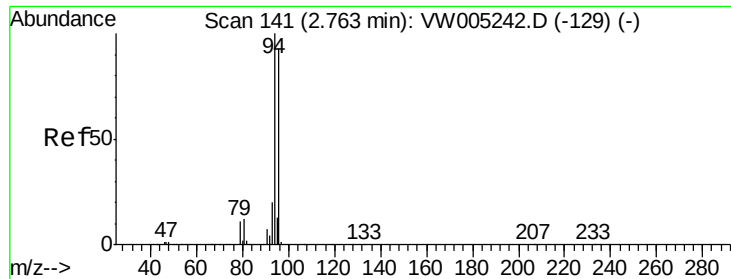
Tgt Ion: 62 Resp: 56211

Ion Ratio Lower Upper

62 100

64 32.5 24.6 37.0





#5

Bromomethane

Concen: 12.117 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

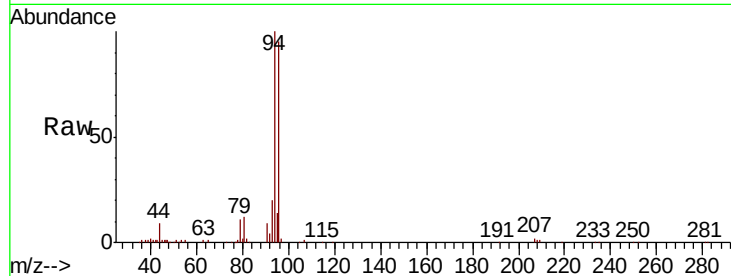
VSTDIC010

Tgt Ion: 94 Resp: 41262

Ion Ratio Lower Upper

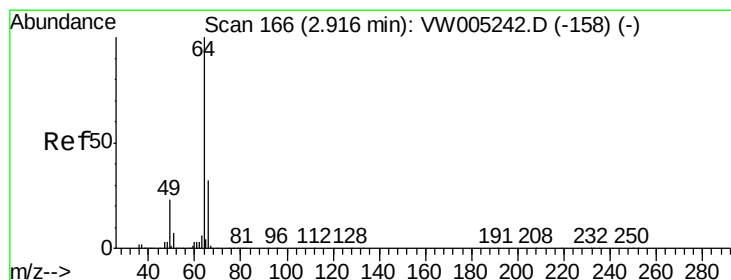
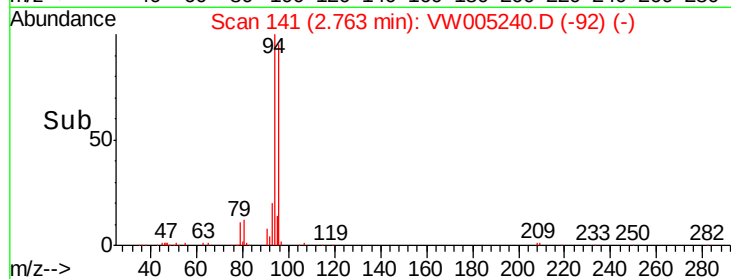
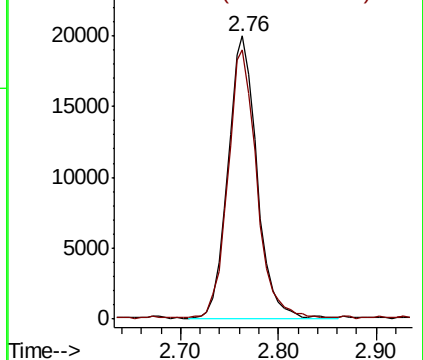
94 100

96 94.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 11.376 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW005240.D

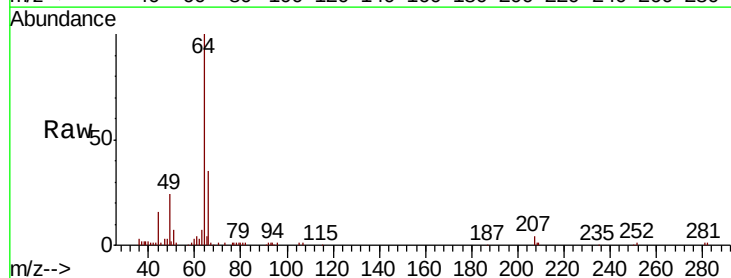
Acq: 10 Sep 2018 14:32

Tgt Ion: 64 Resp: 31363

Ion Ratio Lower Upper

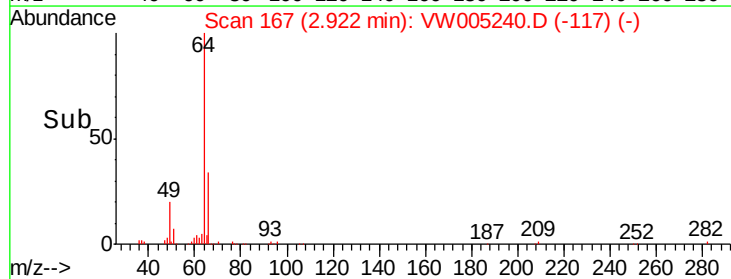
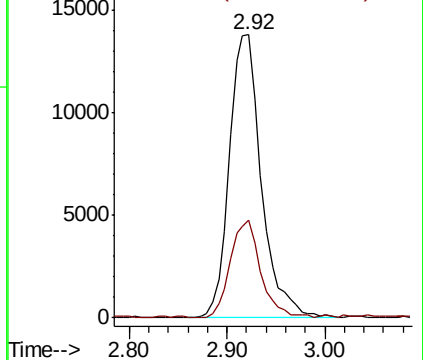
64 100

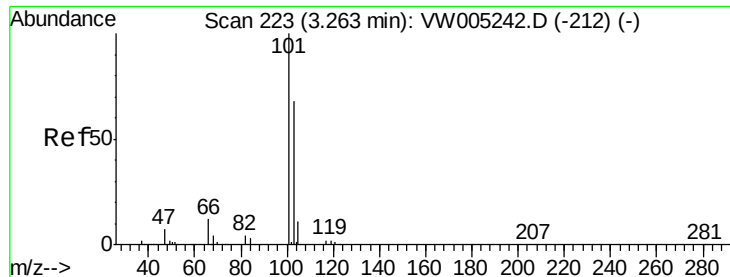
66 34.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



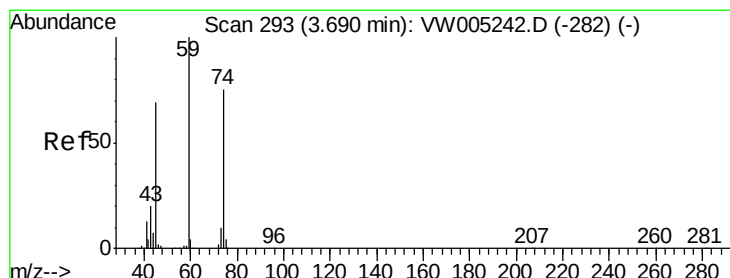
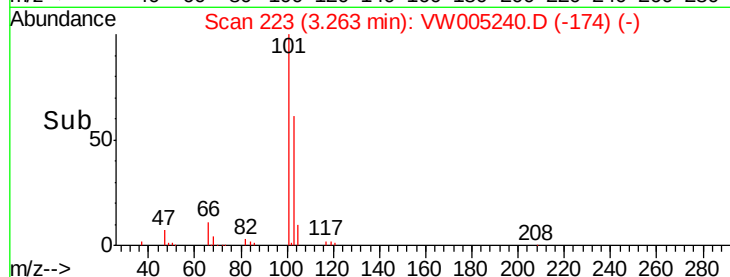
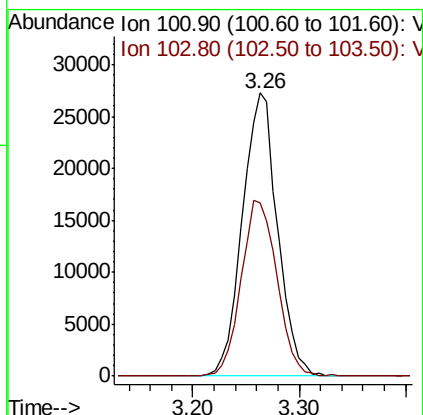
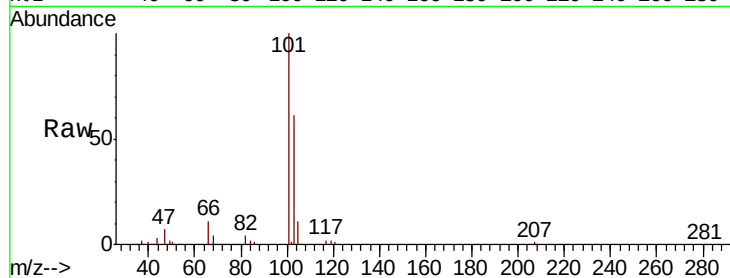


#7

Trichlorofluoromethane
 Concen: 11.147 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

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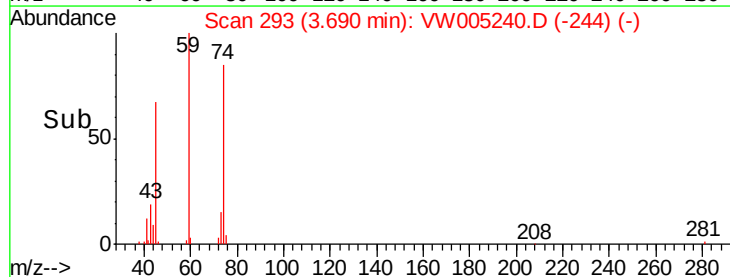
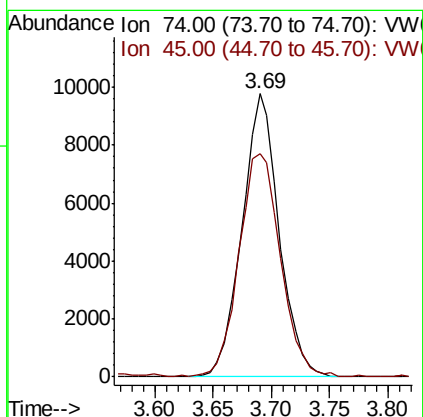
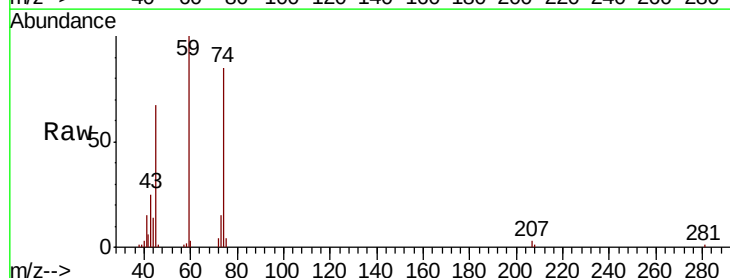
Tgt Ion: 101 Resp: 63108
 Ion Ratio Lower Upper
 101 100
 103 61.2 54.1 81.1

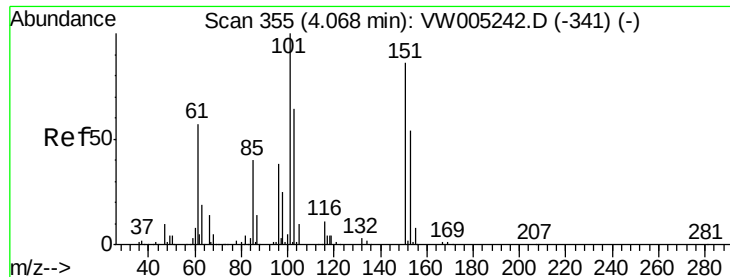


#8

Diethyl Ether
 Concen: 10.694 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion: 74 Resp: 21577
 Ion Ratio Lower Upper
 74 100
 45 88.4 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.094 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

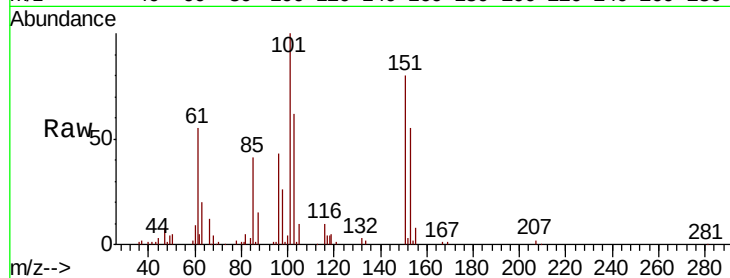
Tgt Ion:101 Resp: 44863

Ion Ratio Lower Upper

101 100

85 40.1 32.7 49.1

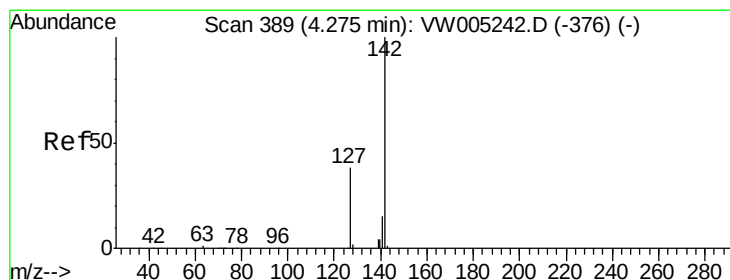
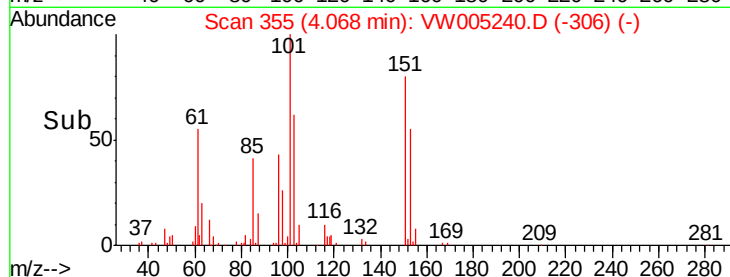
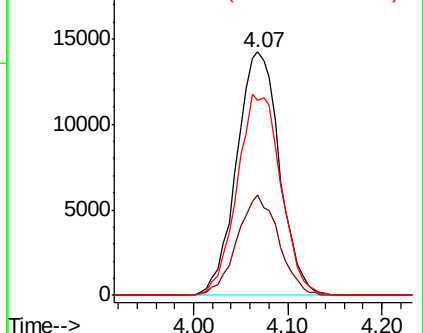
151 84.6 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.169 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

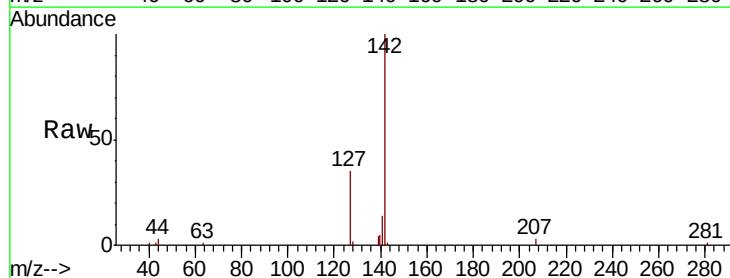
Tgt Ion:142 Resp: 40828

Ion Ratio Lower Upper

142 100

127 36.6 30.3 45.5

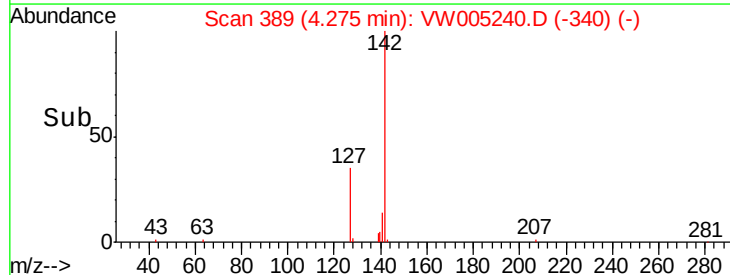
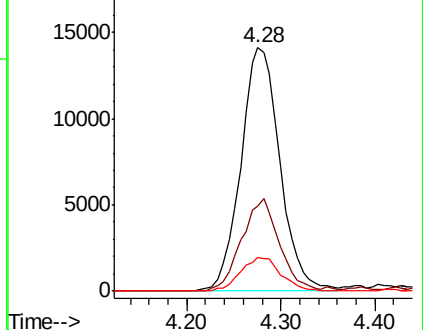
141 13.9 11.4 17.0

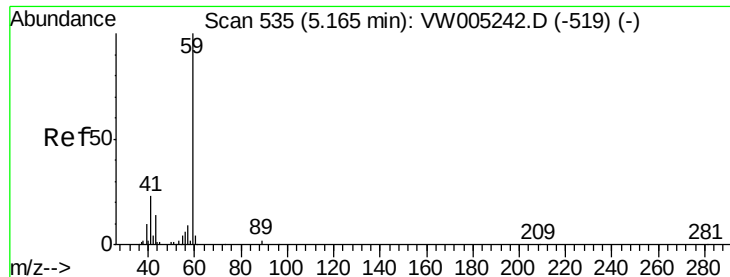


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

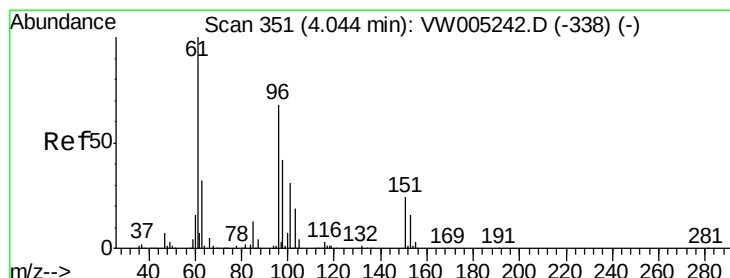
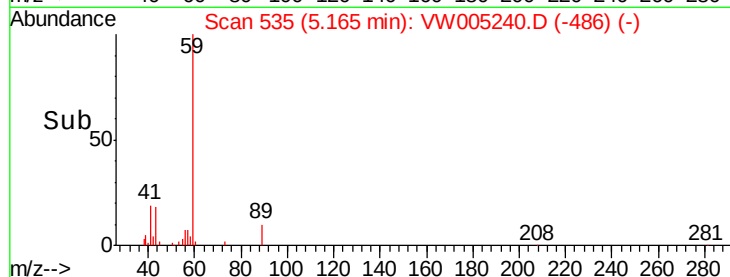
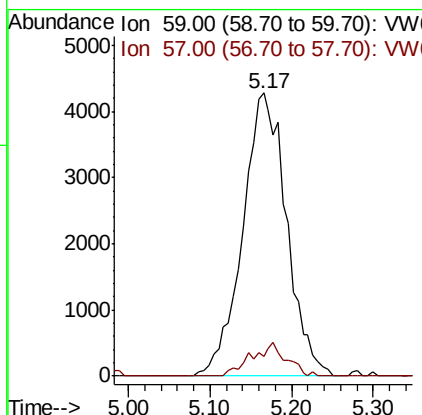
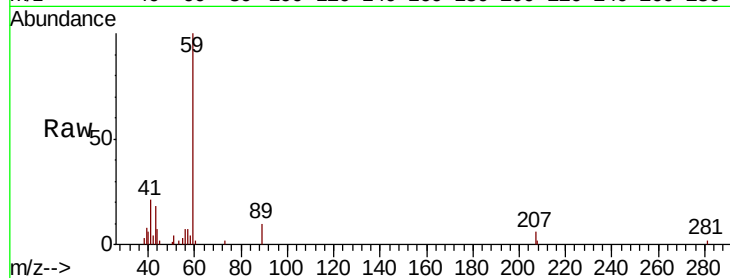




#11
Tert butyl alcohol
Concen: 55.203 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

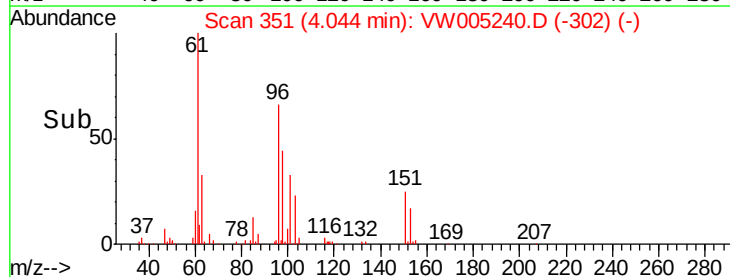
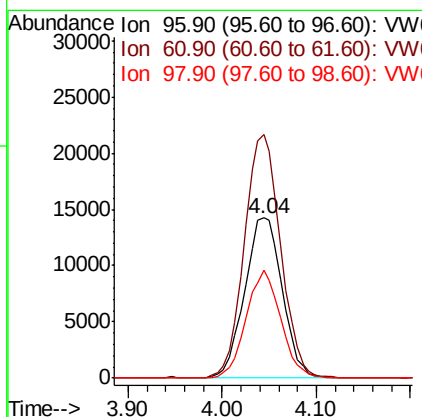
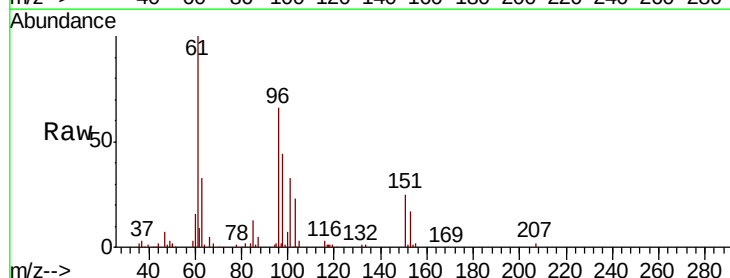
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

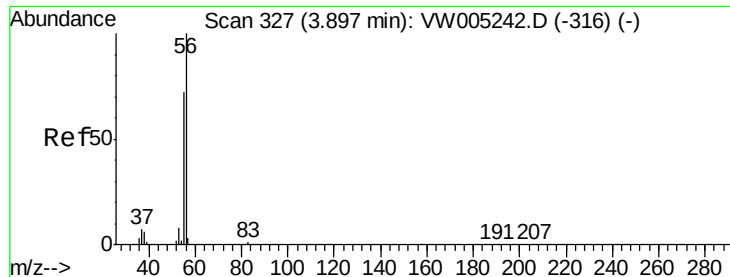
Tgt Ion: 59 Resp: 15961
Ion Ratio Lower Upper
59 100
57 9.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 10.720 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion: 96 Resp: 39915
Ion Ratio Lower Upper
96 100
61 152.2 118.2 177.2
98 67.2 49.9 74.9





#13

Acrolein

Concen: 51.280 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

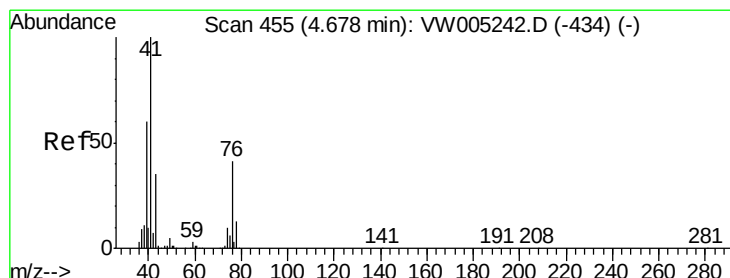
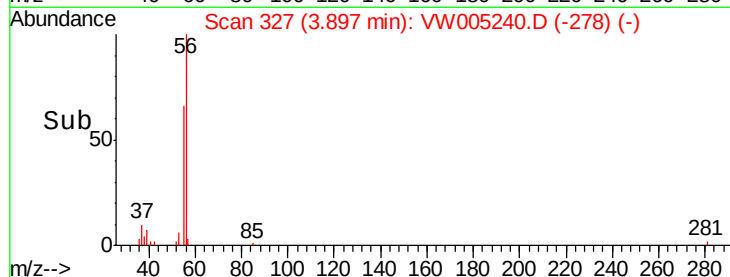
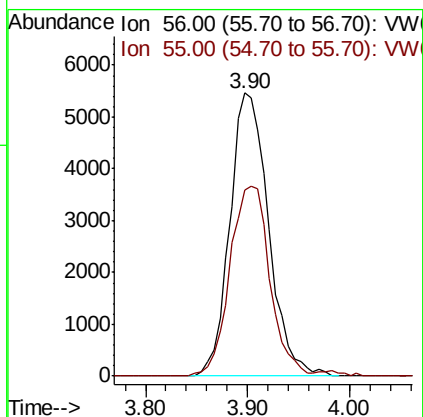
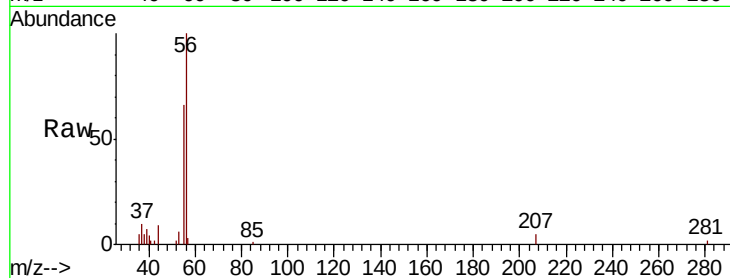
VSTDIC010

Tgt Ion: 56 Resp: 14322

Ion Ratio Lower Upper

56 100

55 69.5 56.8 85.2



#14

Allyl chloride

Concen: 10.461 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

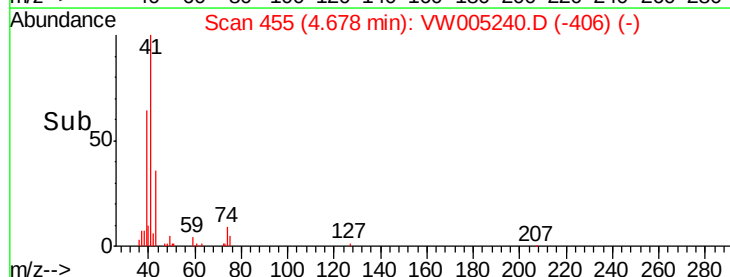
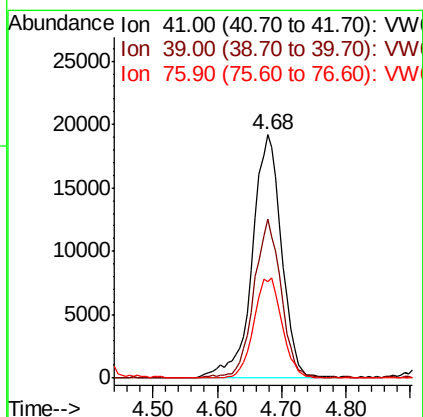
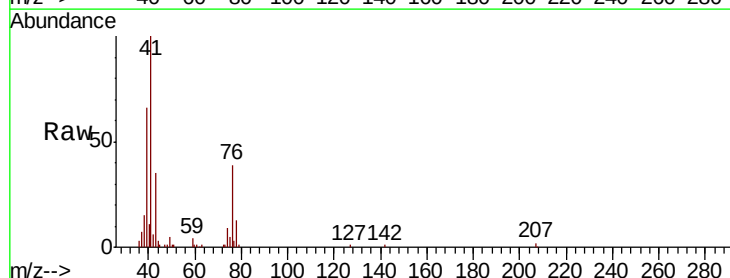
Tgt Ion: 41 Resp: 59848

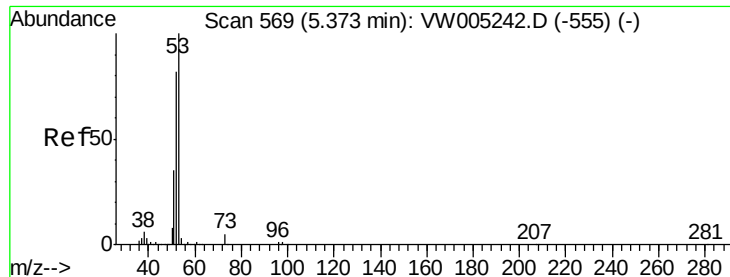
Ion Ratio Lower Upper

41 100

39 59.9 48.2 72.4

76 39.6 31.7 47.5

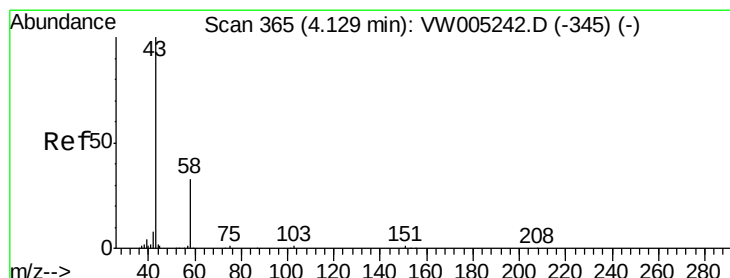
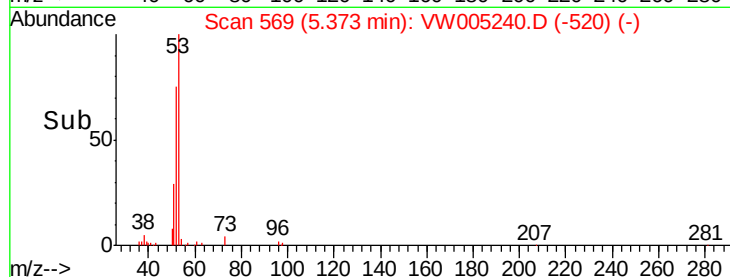
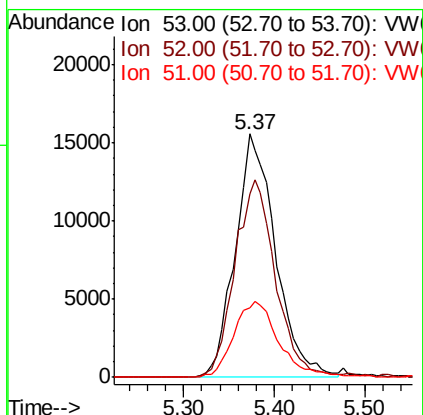
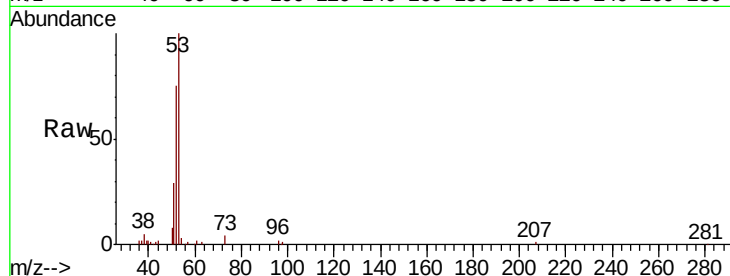




#15
 Acrylonitrile
 Concen: 52.468 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

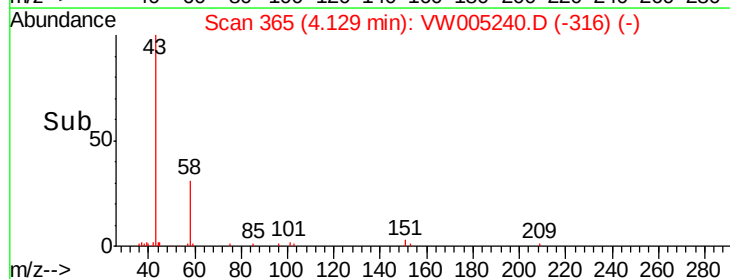
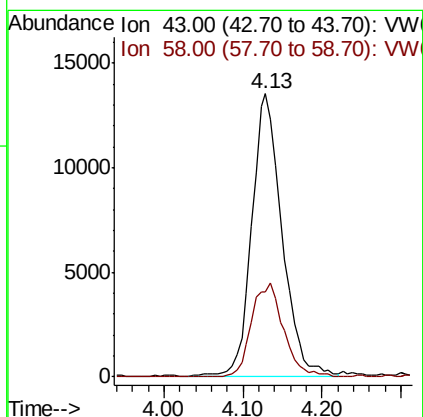
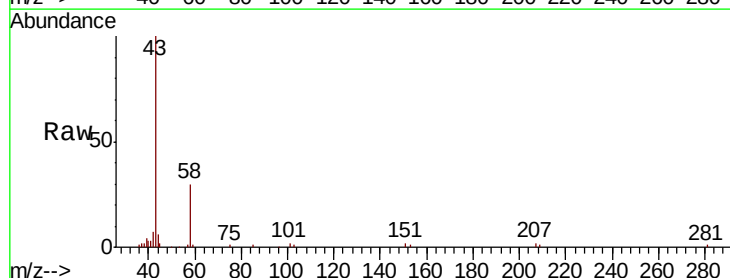
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

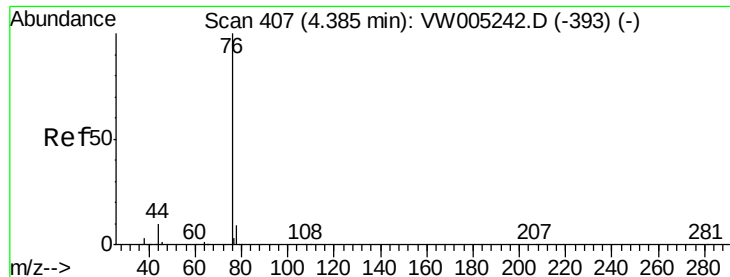
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.0	99.0
51	35.3	28.6	43.0



#16
 Acetone
 Concen: 55.507 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.7	40.1





#17

Carbon Disulfide

Concen: 10.532 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

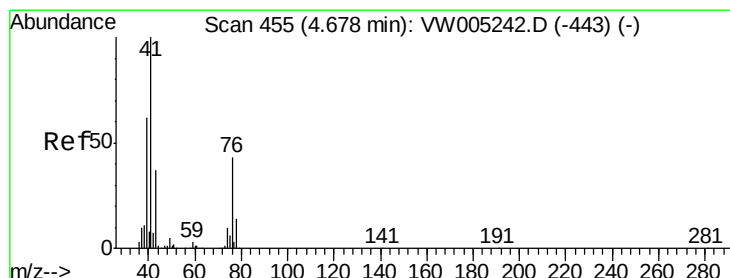
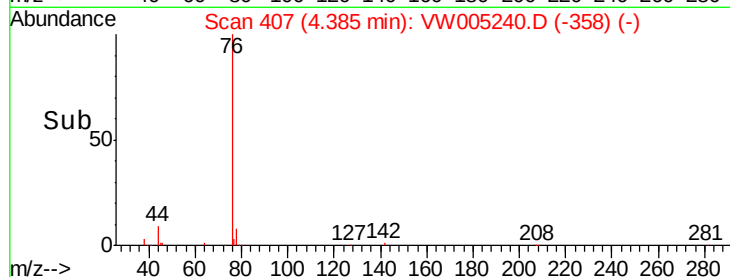
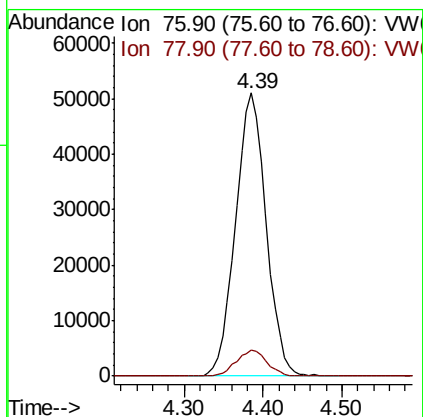
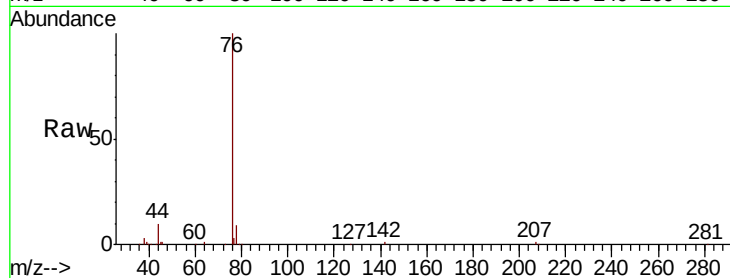
VSTDIC010

Tgt Ion: 76 Resp: 137657

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



#18

Methyl Acetate

Concen: 10.495 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005240.D

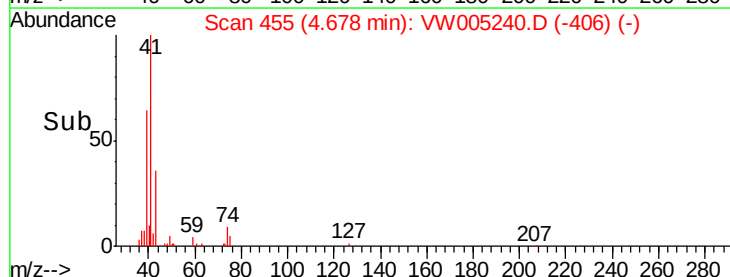
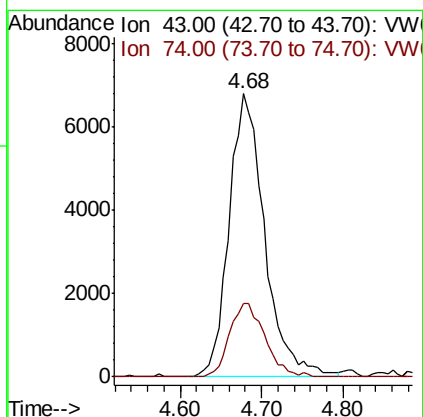
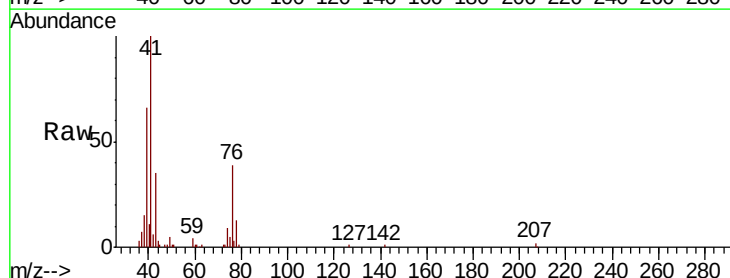
Acq: 10 Sep 2018 14:32

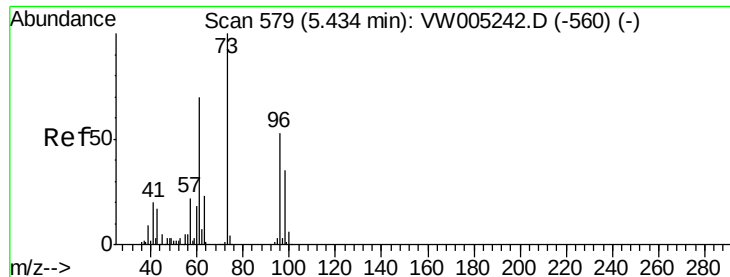
Tgt Ion: 43 Resp: 20502

Ion Ratio Lower Upper

43 100

74 25.9 21.4 32.2

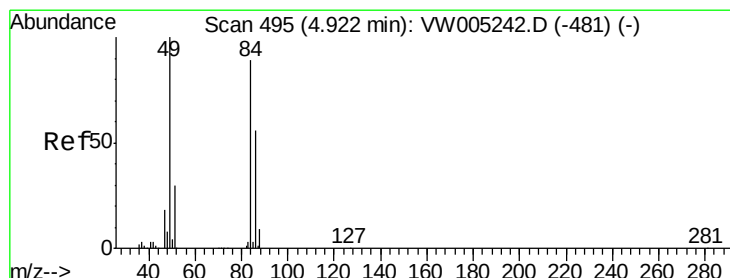
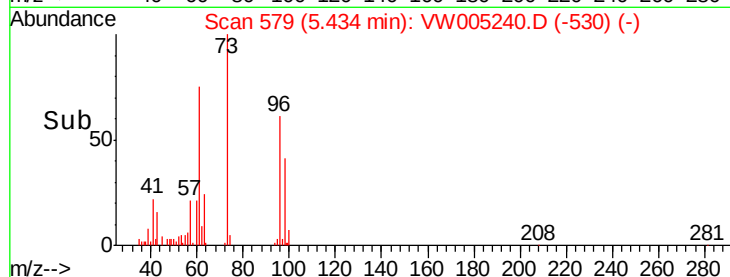
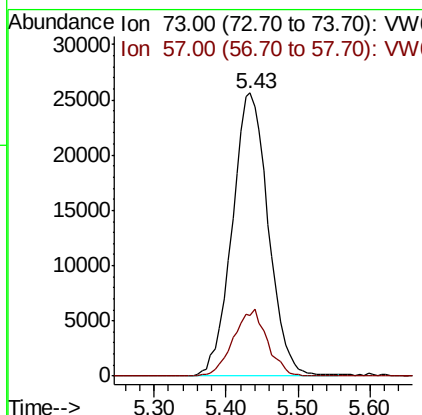
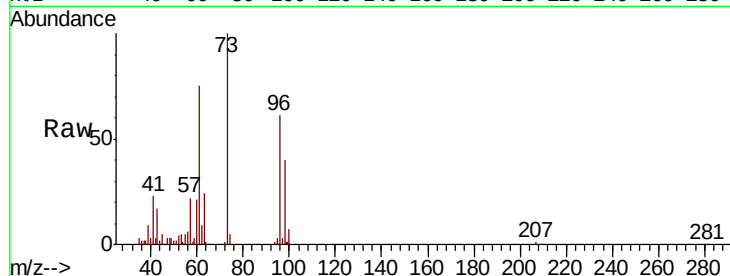




#19
Methyl tert-butyl Ether
Concen: 10.066 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

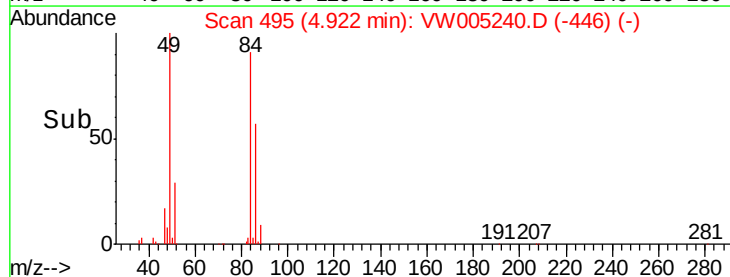
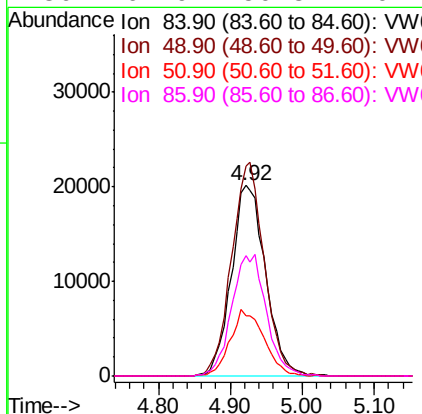
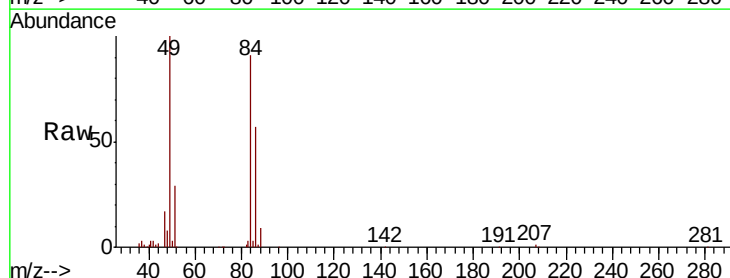
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

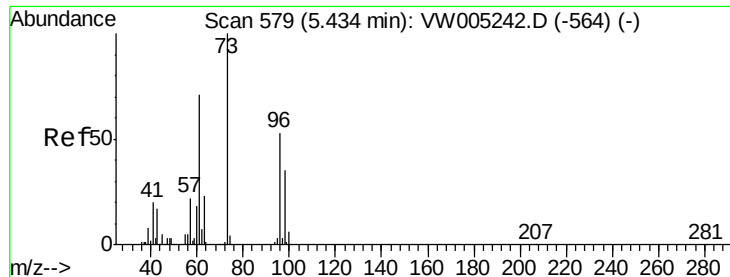
Tgt Ion: 73 Resp: 89272
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2



#20
Methylene Chloride
Concen: 11.970 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion: 84 Resp: 66394
Ion Ratio Lower Upper
84 100
49 110.5 90.3 135.5
51 31.6 26.9 40.3
86 62.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 10.681 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

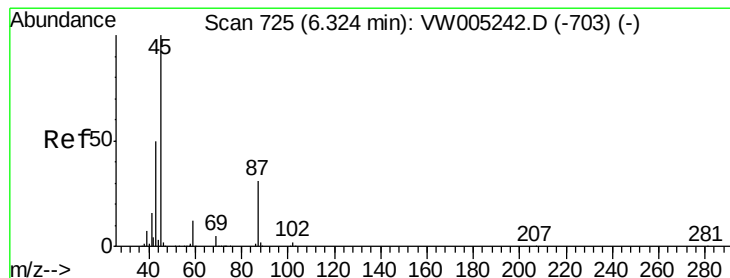
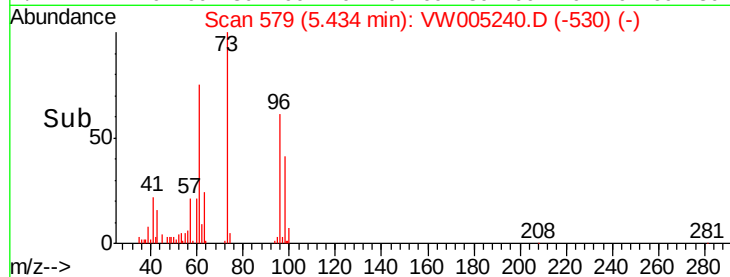
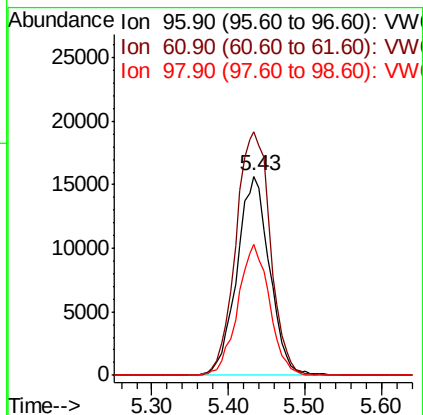
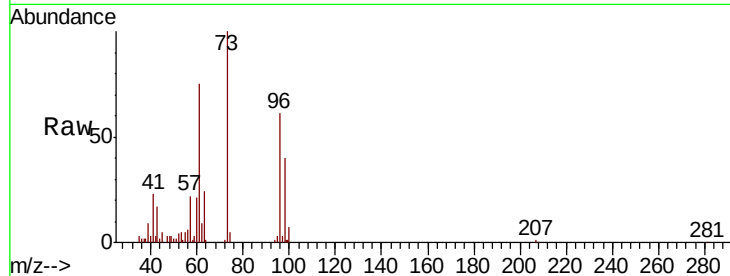
Tgt Ion: 96 Resp: 46434

Ion Ratio Lower Upper

96 100

61 122.3 105.7 158.5

98 66.0 52.8 79.2



#22

Diisopropyl ether

Concen: 10.190 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Tgt Ion: 45 Resp: 117371

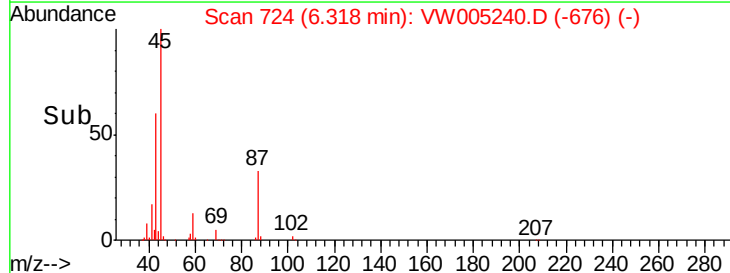
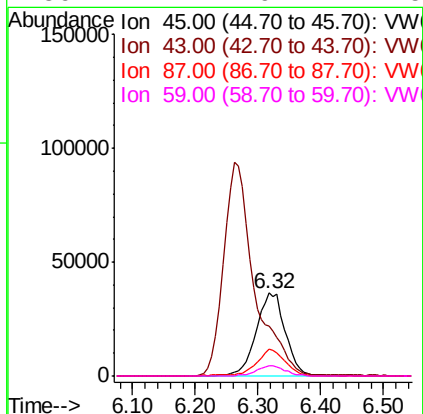
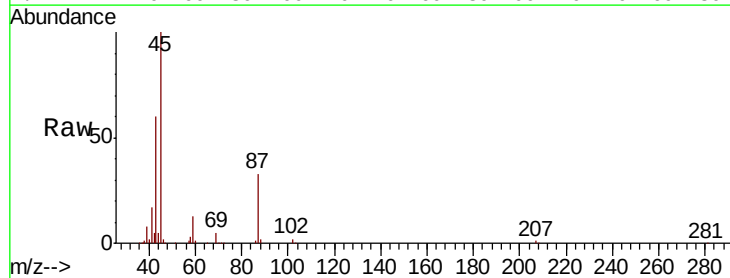
Ion Ratio Lower Upper

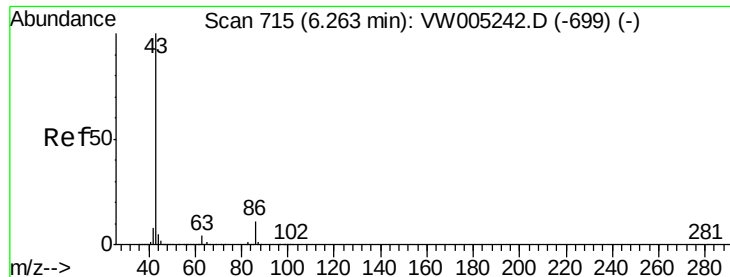
45 100

43 60.2 39.6 59.4#

87 32.3 24.7 37.1

59 12.7 9.7 14.5





#23

Vinyl Acetate

Concen: 49.745 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

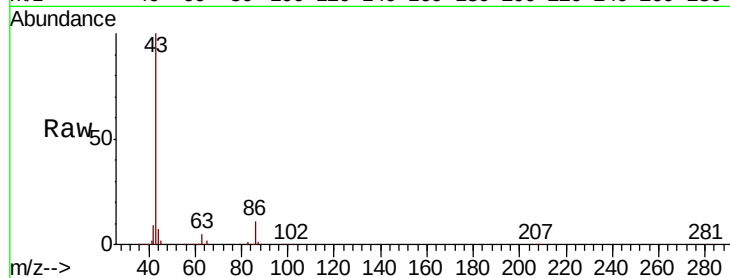
VSTDIC010

Tgt Ion: 43 Resp: 319312

Ion Ratio Lower Upper

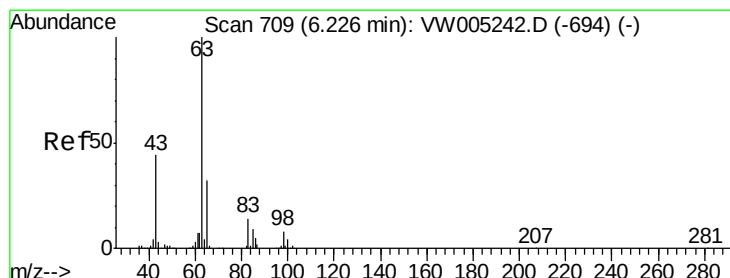
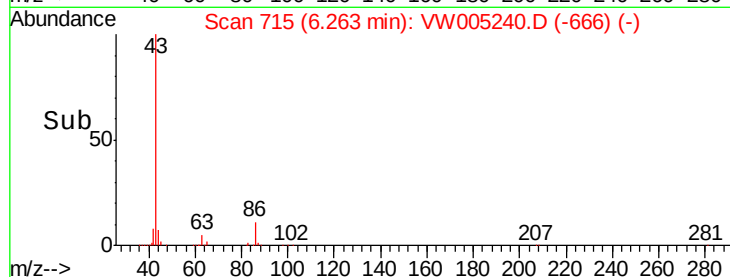
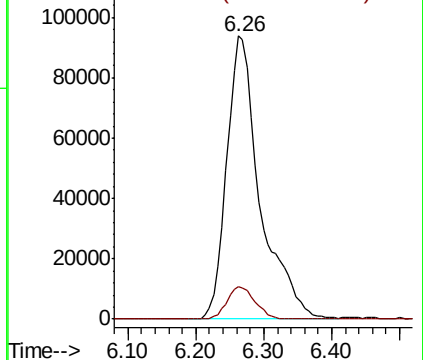
43 100

86 11.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 10.401 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

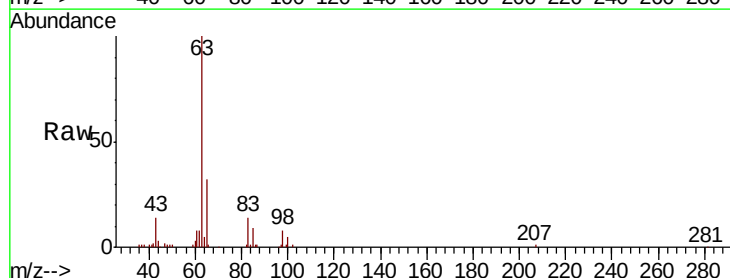
Tgt Ion: 63 Resp: 73748

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

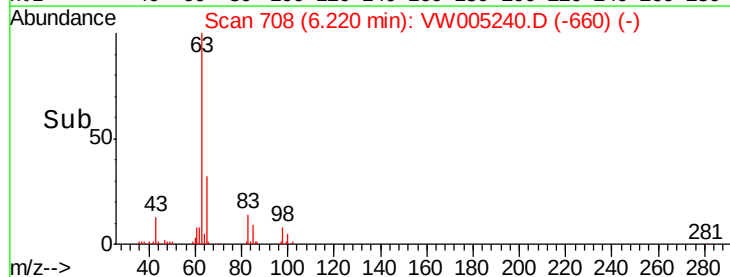
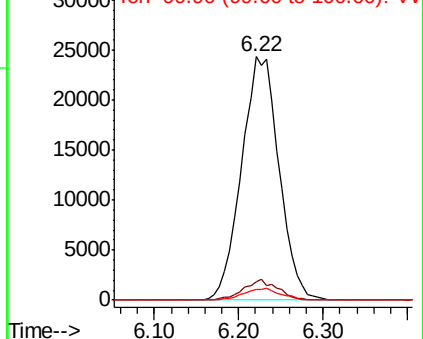
100 4.6 2.2 6.6

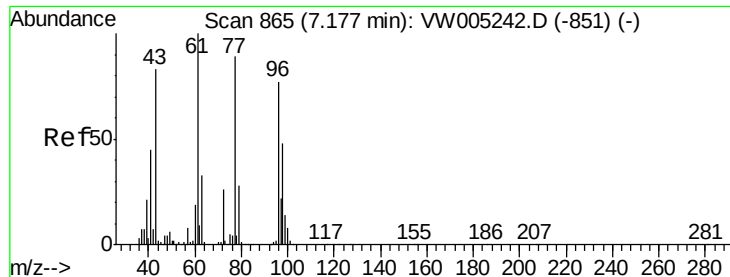


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 51.780 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

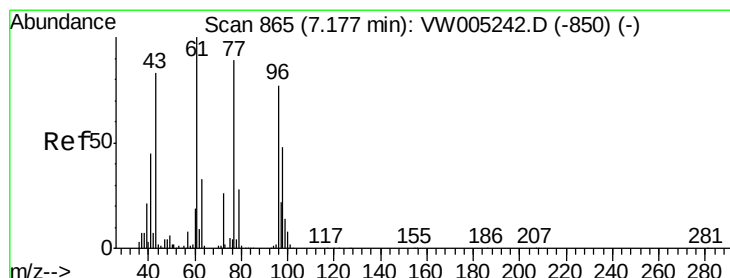
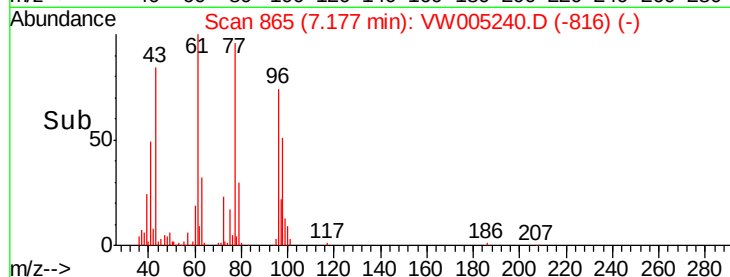
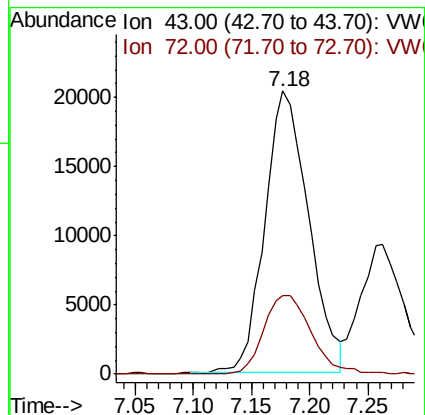
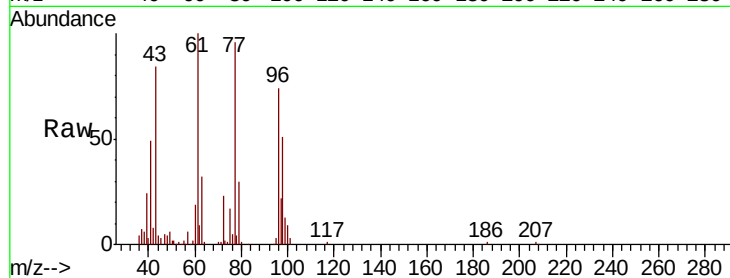
VSTDIC010

Tgt Ion: 43 Resp: 53450

Ion Ratio Lower Upper

43 100

72 27.9 25.0 37.6



#26

2,2-Dichloropropane

Concen: 11.101 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005240.D

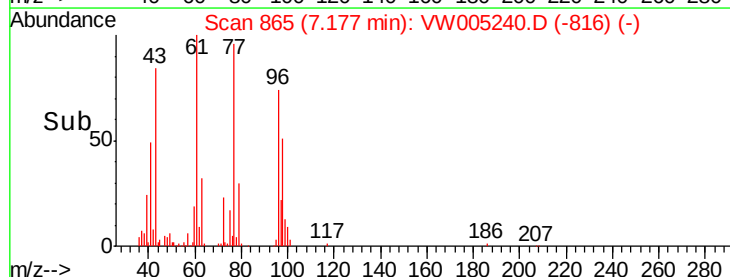
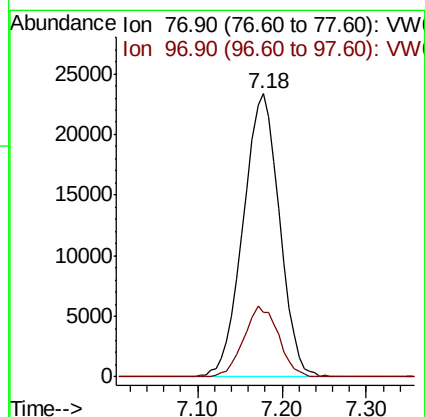
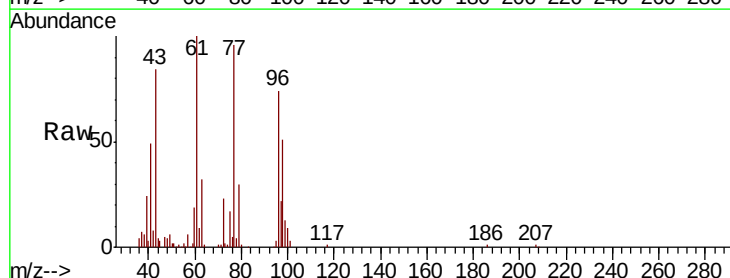
Acq: 10 Sep 2018 14:32

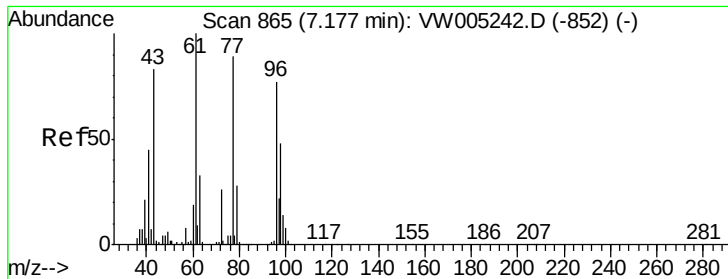
Tgt Ion: 77 Resp: 68240

Ion Ratio Lower Upper

77 100

97 23.9 12.2 36.6



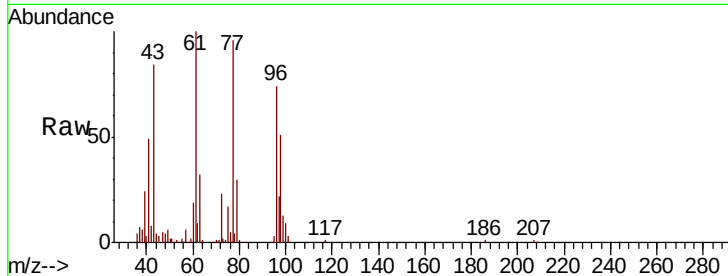


#27

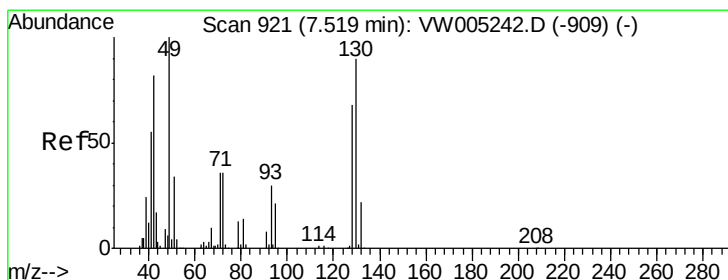
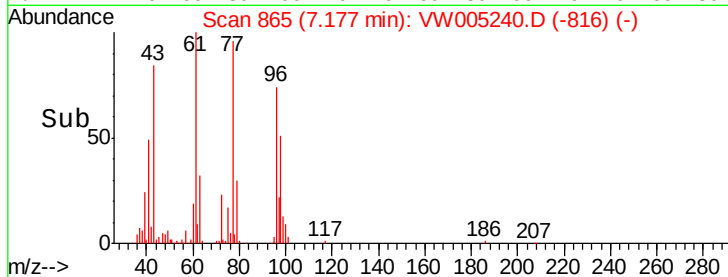
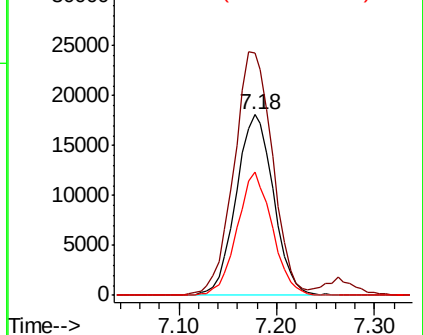
cis-1,2-Dichloroethene
Concen: 10.329 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 48061
Ion Ratio Lower Upper
96 100
61 139.3 0.0 273.4
98 63.9 0.0 127.8



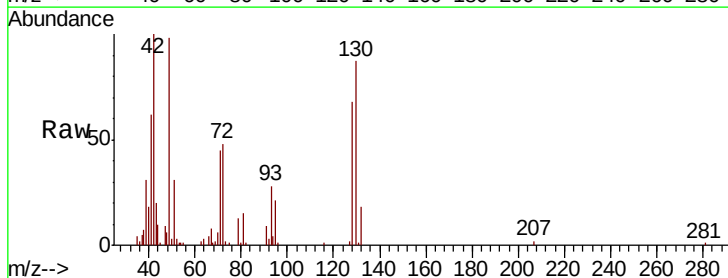
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



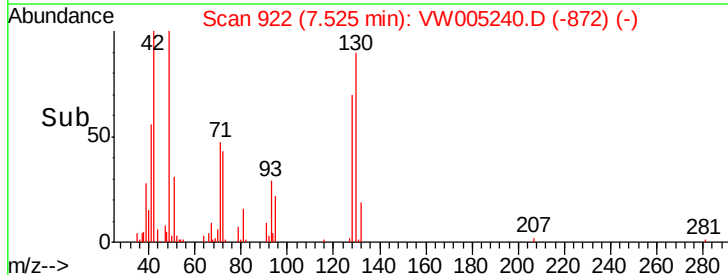
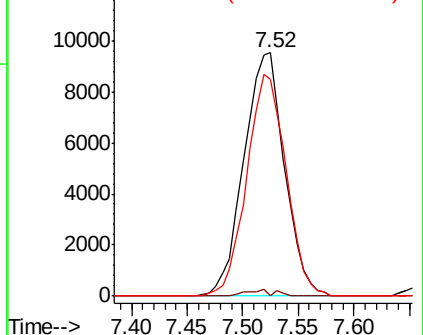
#28

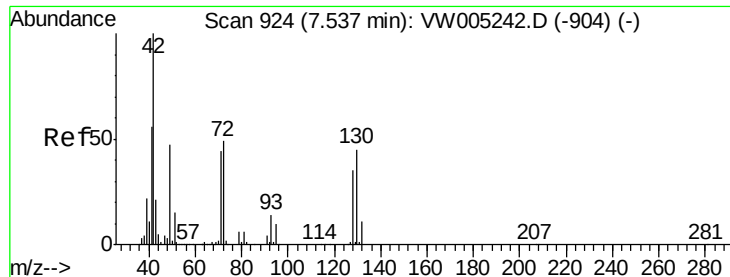
Bromochloromethane
Concen: 9.249 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.01 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion: 49 Resp: 24193
Ion Ratio Lower Upper
49 100
129 1.3 0.0 2.0
130 88.5 71.2 106.8



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





#29

Tetrahydrofuran

Concen: 49.900 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

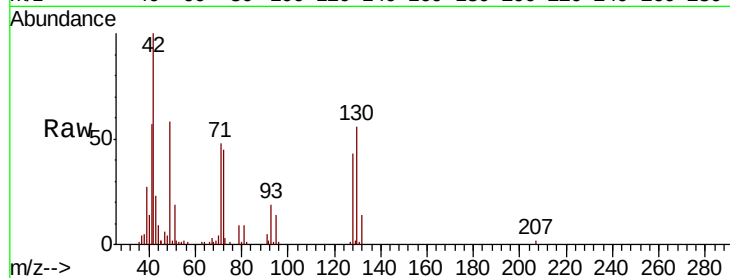
Tgt Ion: 42 Resp: 34712

Ion Ratio Lower Upper

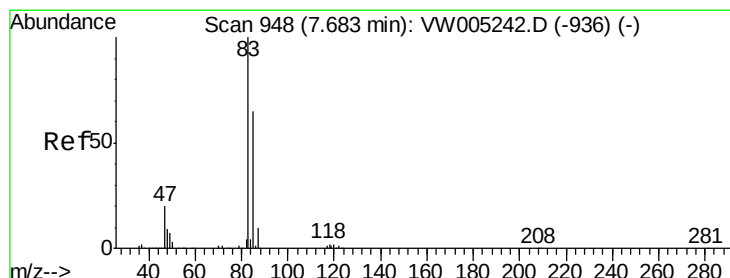
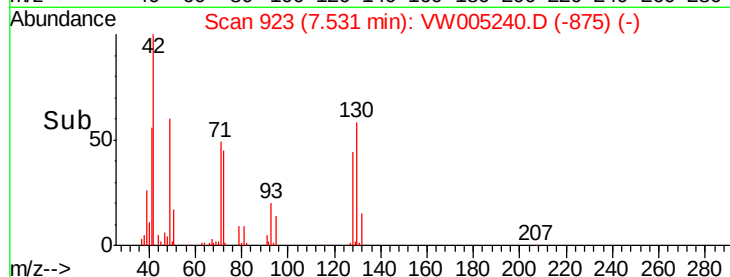
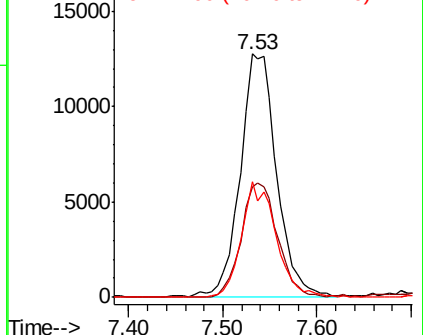
42 100

72 46.7 37.5 56.3

71 44.8 34.8 52.2



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: 10.372 ug/l

RT: 7.69 min Scan# 949

Delta R.T. 0.01 min

Lab File: VW005240.D

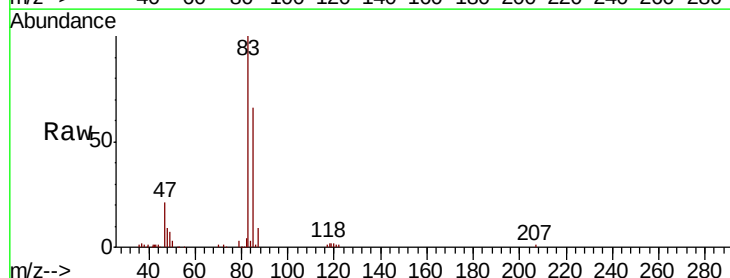
Acq: 10 Sep 2018 14:32

Tgt Ion: 83 Resp: 73804

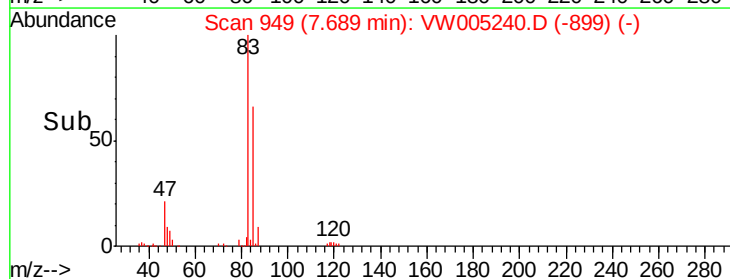
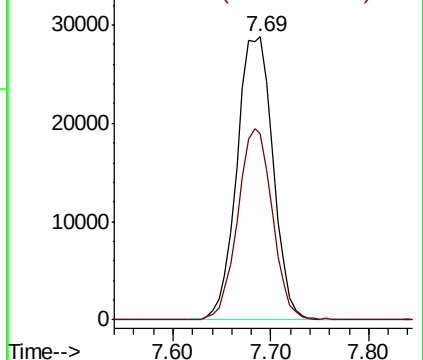
Ion Ratio Lower Upper

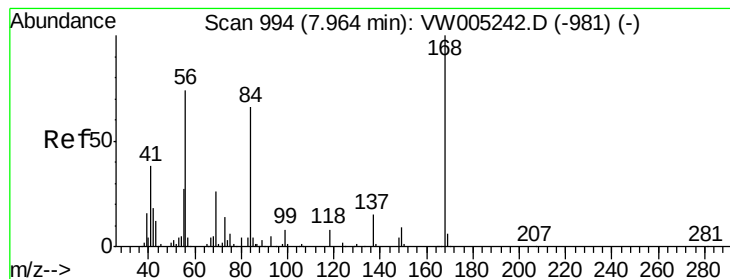
83 100

85 66.0 51.7 77.5



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





#31

Cyclohexane

Concen: 10.734 ug/l

RT: 7.96 min Scan# 994

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

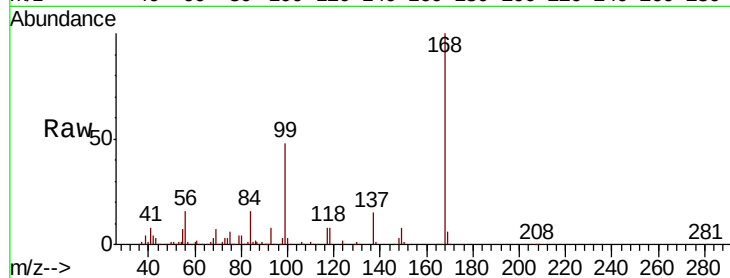
Tgt Ion: 56 Resp: 80979

Ion Ratio Lower Upper

56 100

69 45.0 27.8 41.8#

84 98.8 72.1 108.1

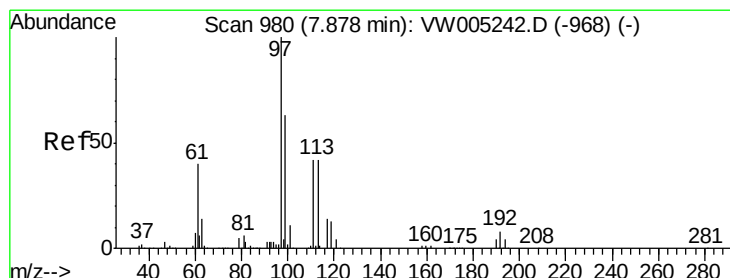
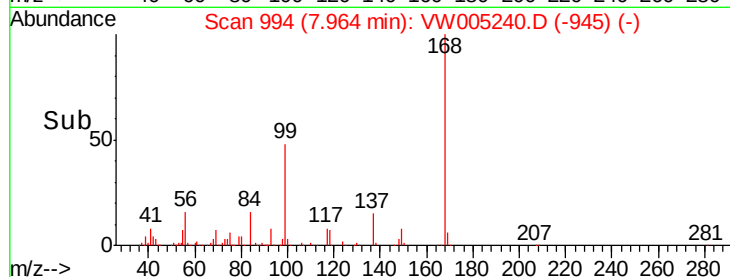
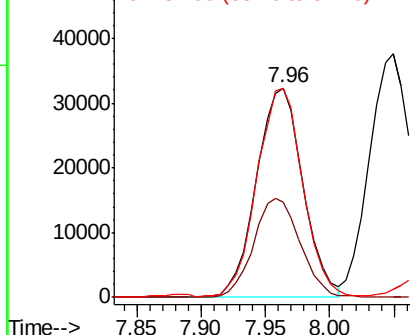


Abundance

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: 10.857 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

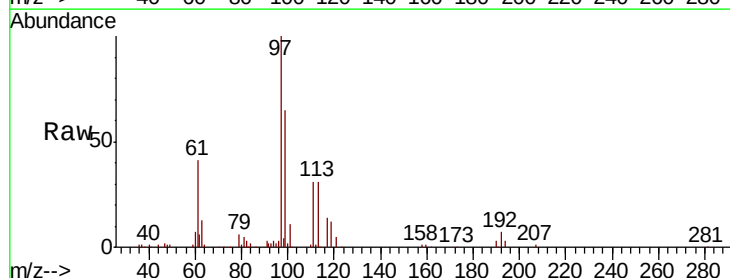
Tgt Ion: 97 Resp: 69789

Ion Ratio Lower Upper

97 100

99 63.9 51.5 77.3

61 41.3 32.5 48.7

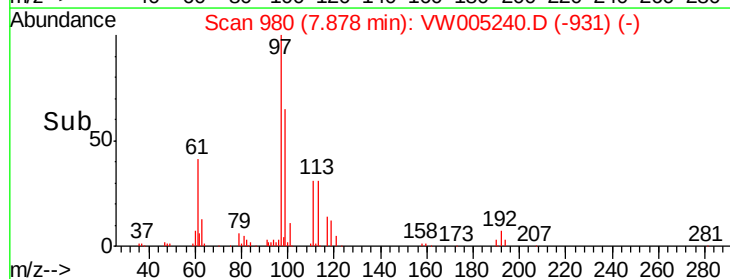
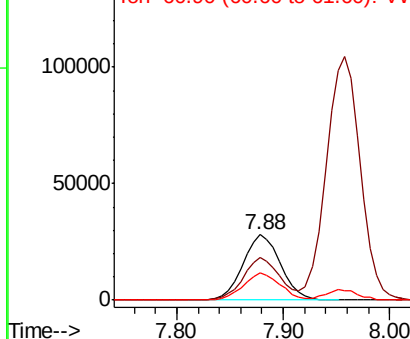


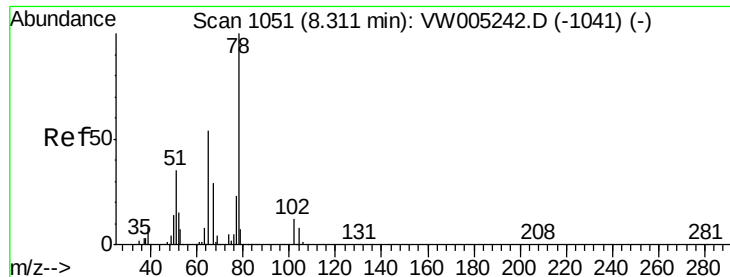
Abundance

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

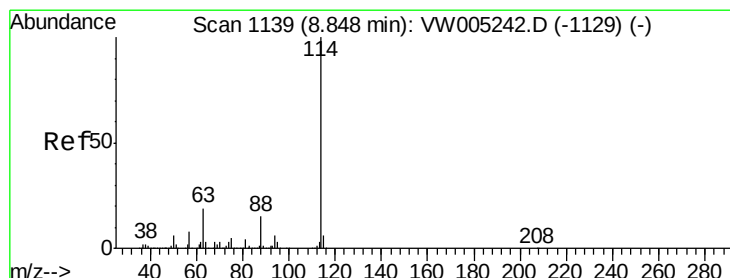
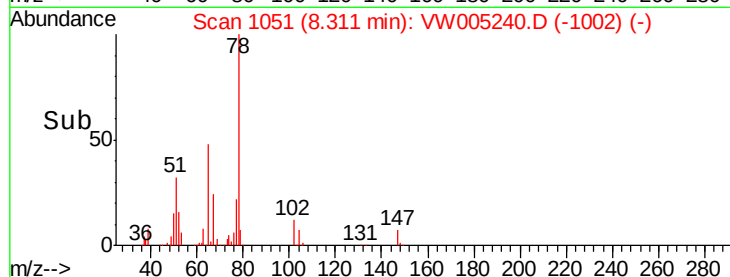
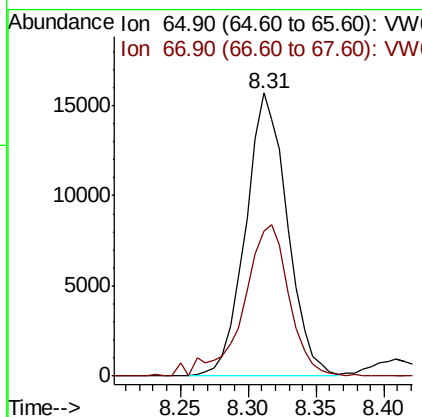
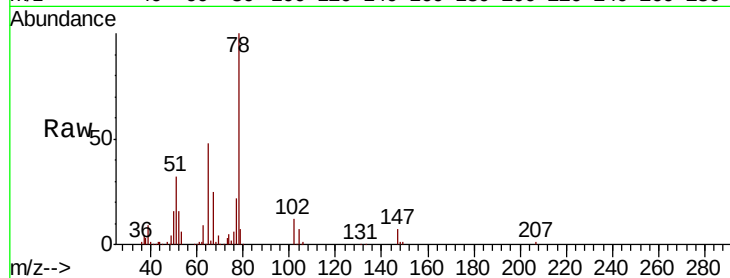




#33
 1,2-Dichloroethane-d4
 Concen: 9.558 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

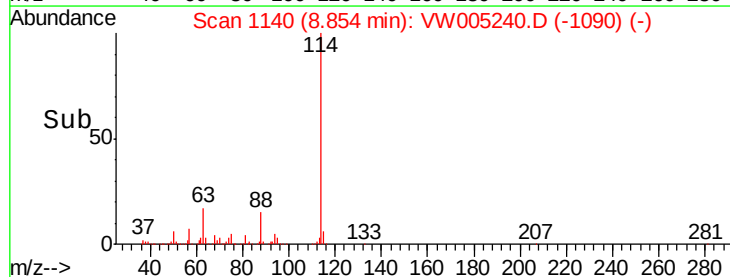
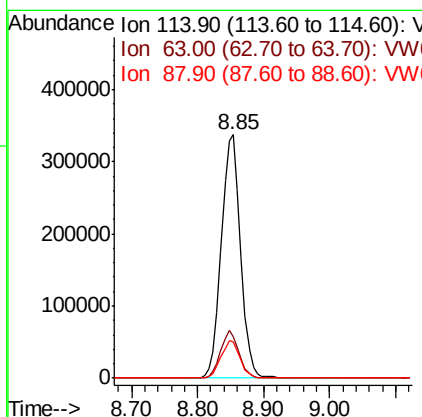
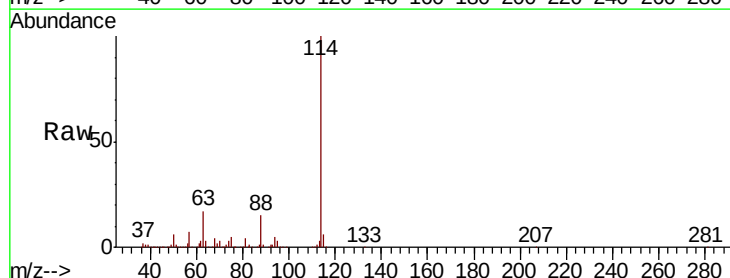
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

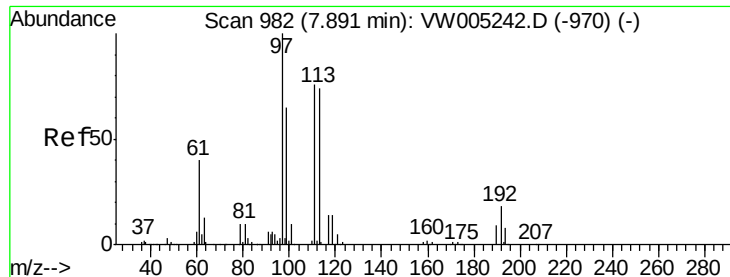
Tgt Ion: 65 Resp: 33698
 Ion Ratio Lower Upper
 65 100
 67 58.8 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion: 114 Resp: 676848
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 37.0
 88 15.1 0.0 30.4

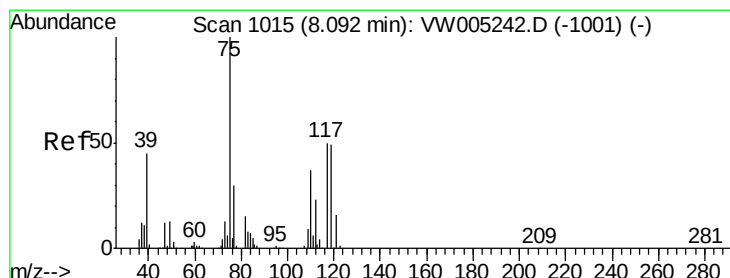
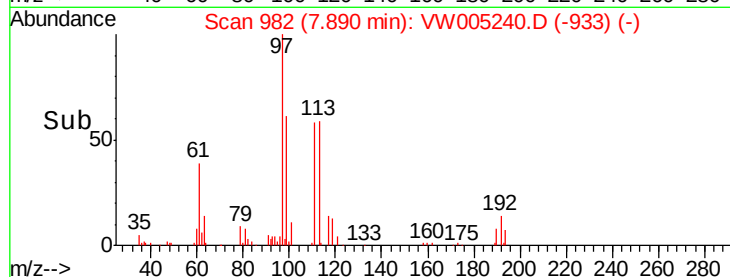
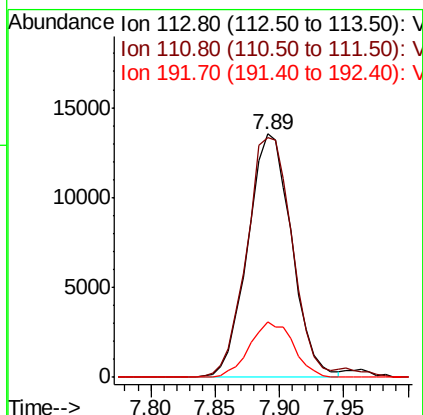
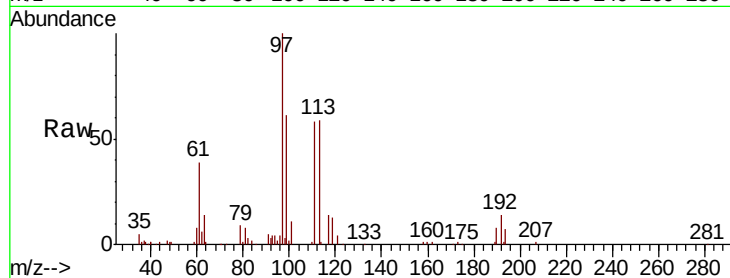




#35
 Dibromofluoromethane
 Concen: 9.012 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

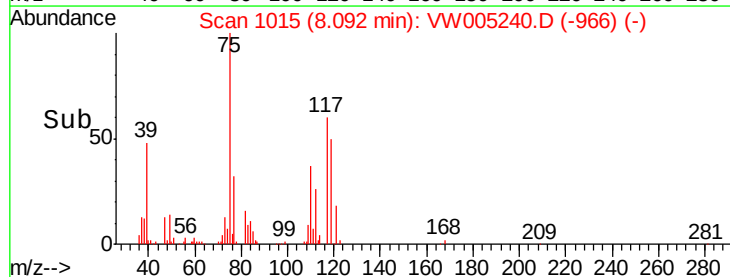
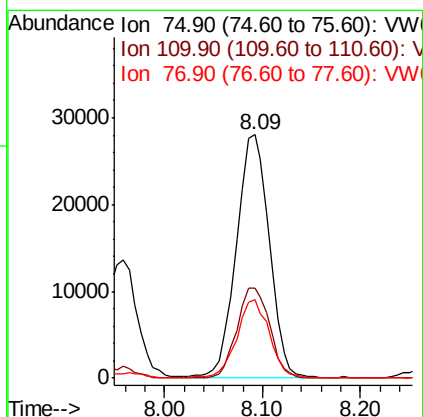
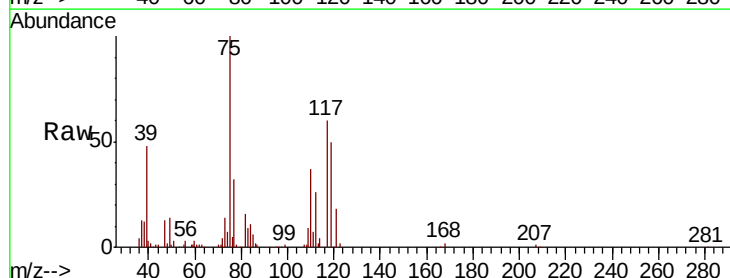
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

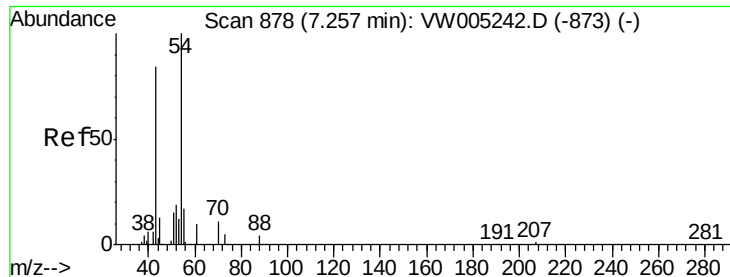
Tgt Ion: 113 Resp: 31952
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.6 121.0
 192 22.6 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 10.586 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion: 75 Resp: 65646
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.8 56.4
 77 32.1 24.9 37.3

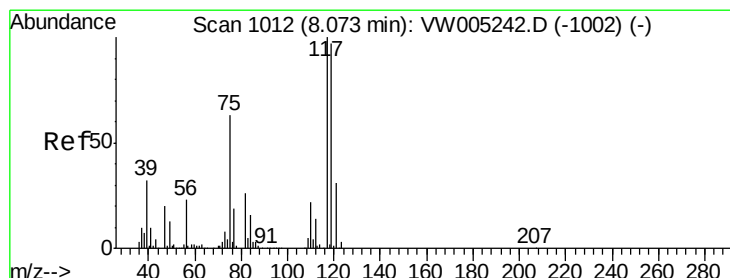
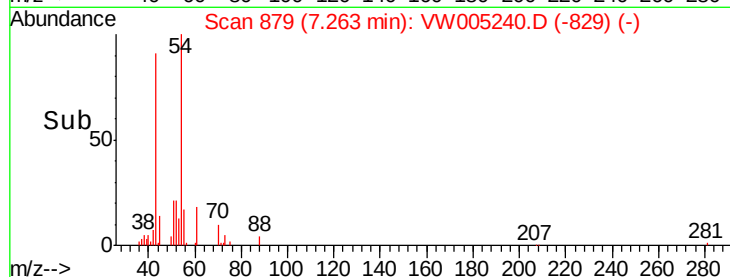
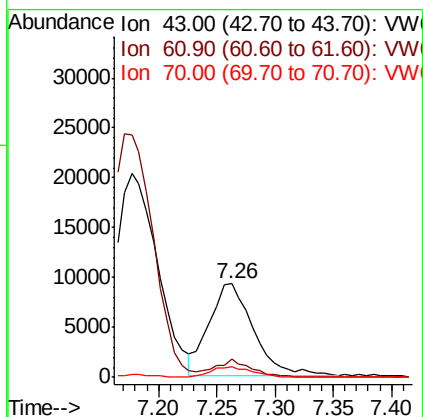
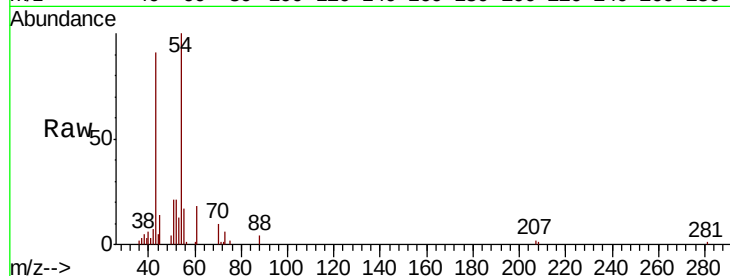




#37
 Ethyl Acetate
 Concen: 10.375 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

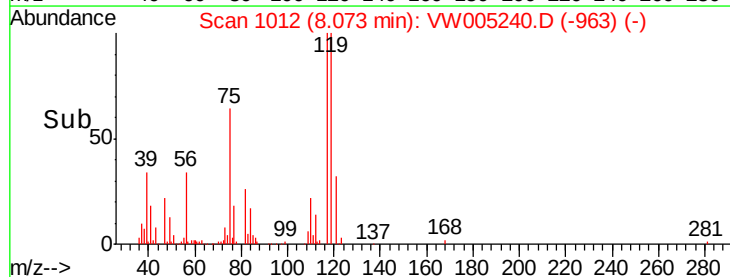
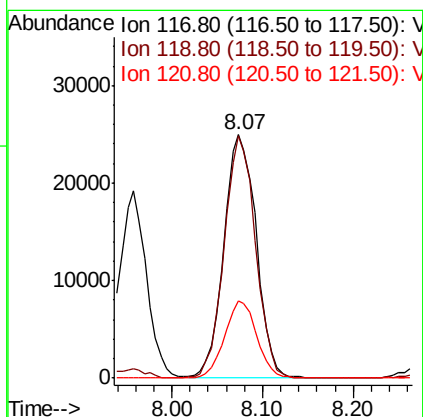
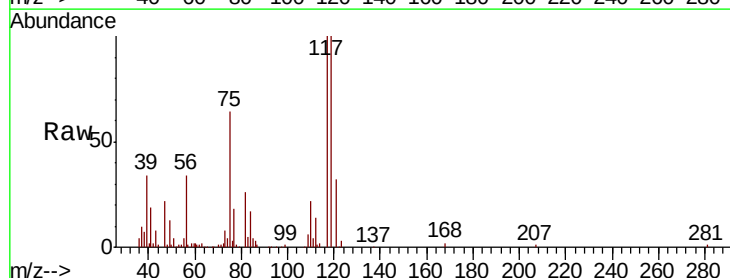
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

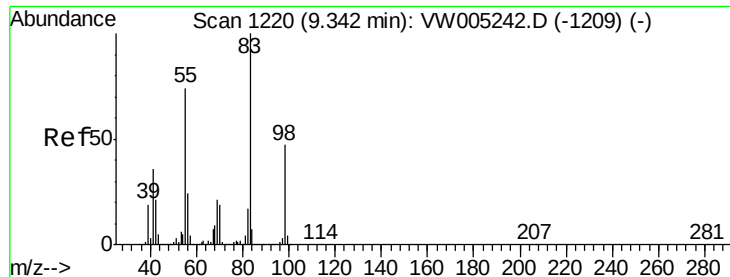
Tgt Ion: 43 Resp: 24472
 Ion Ratio Lower Upper
 43 100
 61 15.7 12.3 18.5
 70 10.8 9.5 14.3



#38
 Carbon Tetrachloride
 Concen: 10.661 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion: 117 Resp: 61925
 Ion Ratio Lower Upper
 117 100
 119 99.6 77.5 116.3
 121 31.9 24.7 37.1

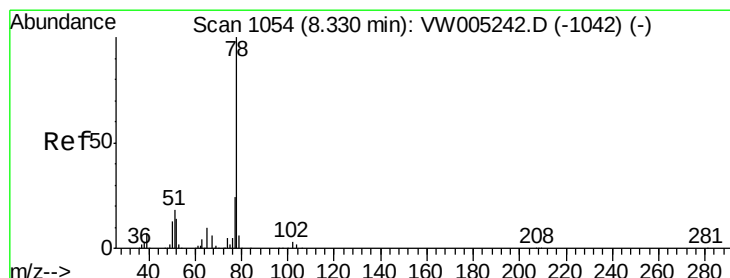
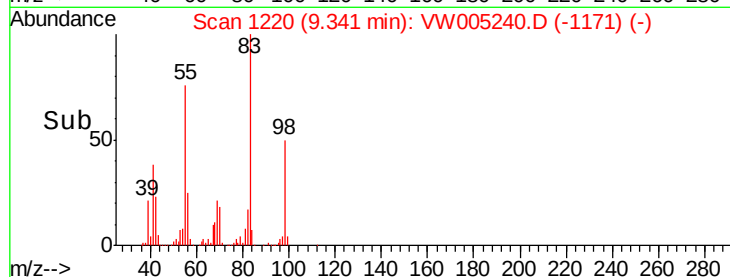
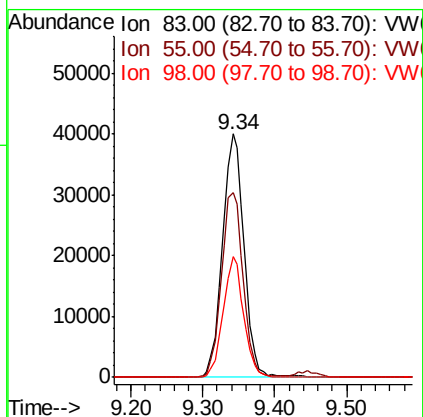
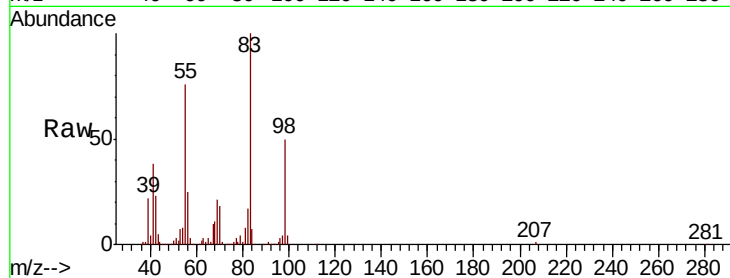




#39
Methylcyclohexane
Concen: 10.141 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

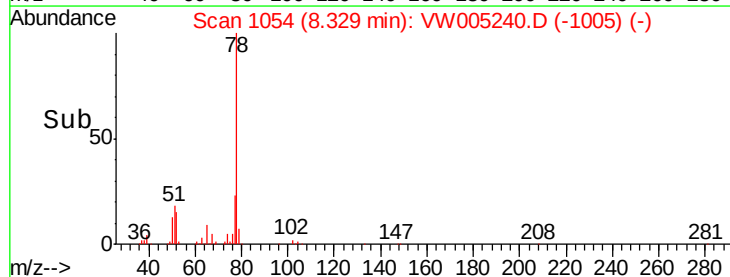
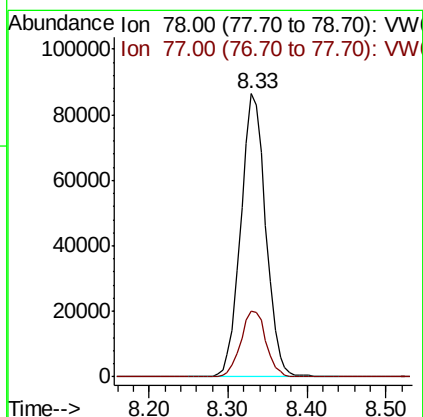
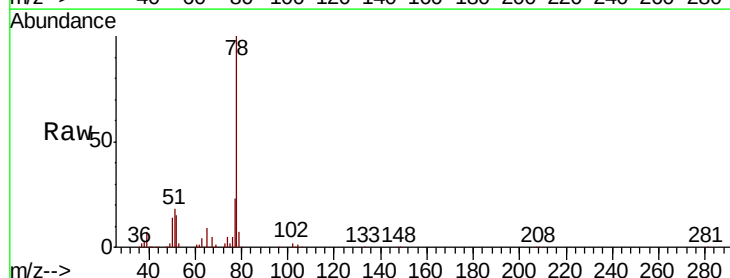
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

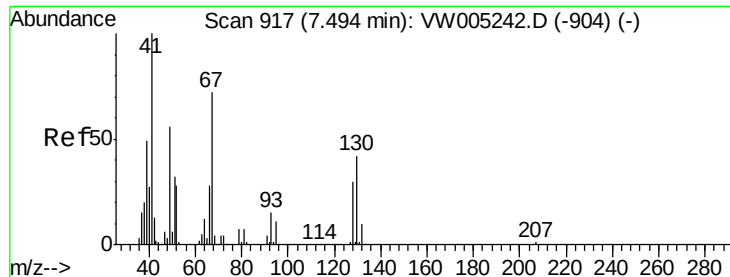
Tgt Ion: 83 Resp: 83490
Ion Ratio Lower Upper
83 100
55 76.0 58.9 88.3
98 49.5 37.6 56.4



#40
Benzene
Concen: 10.438 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion: 78 Resp: 190700
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

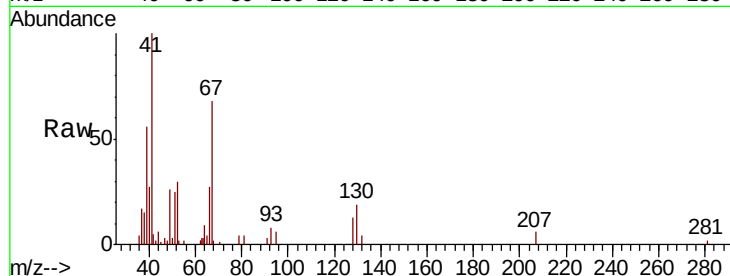




#41
Methacrylonitrile
Concen: 9.754 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:	41	Resp:	11803
Ion	Ratio	Lower	Upper
41	100		
39	69.9	39.9	59.9#
67	88.7	65.7	98.5
52	36.2	25.1	37.7



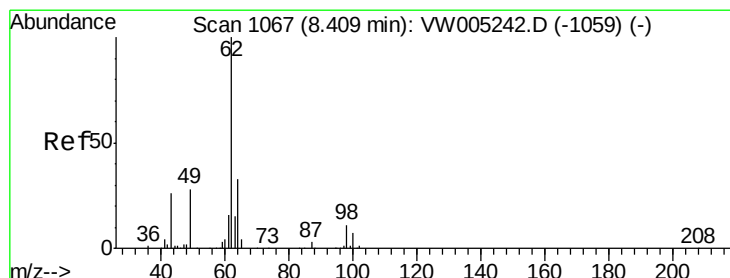
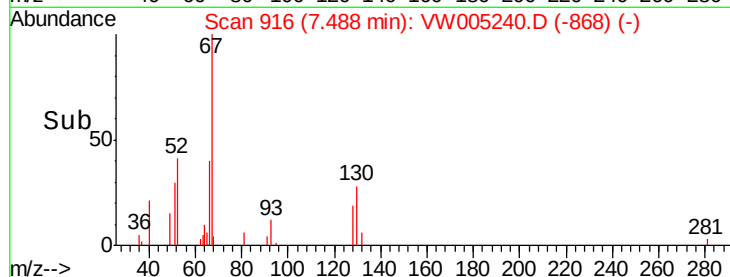
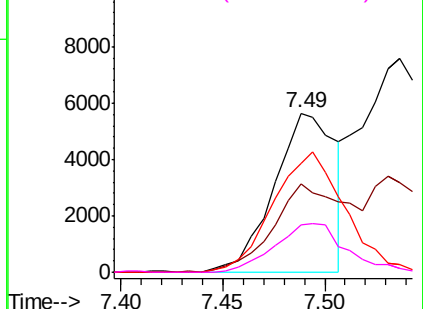
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

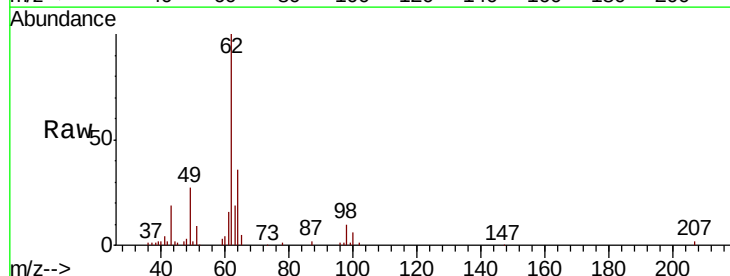
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 10.465 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

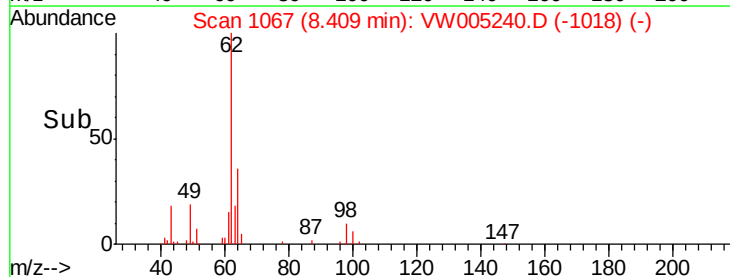
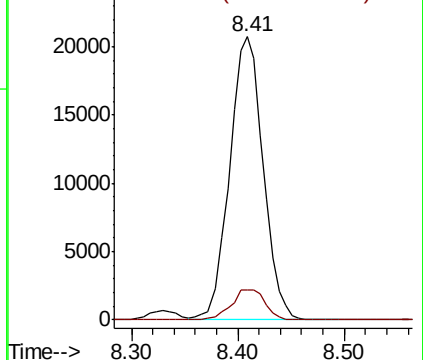
Tgt Ion:	62	Resp:	45737
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

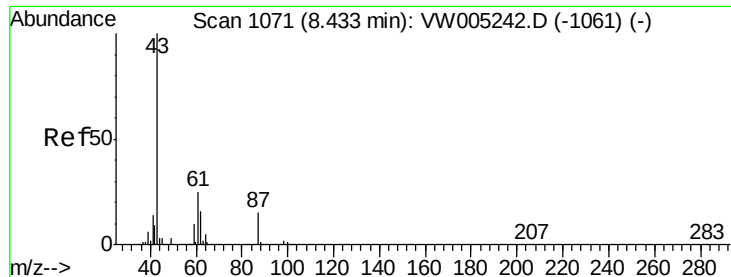


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 10.183 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

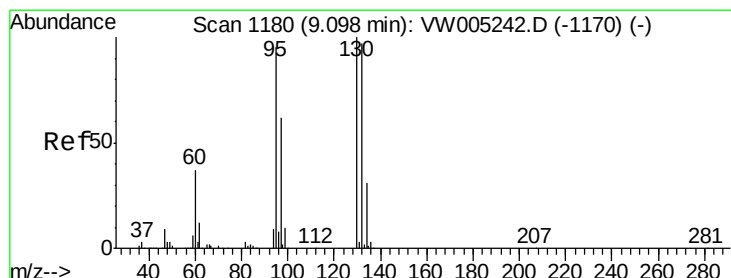
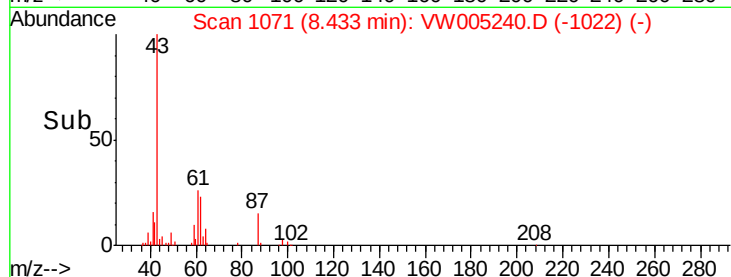
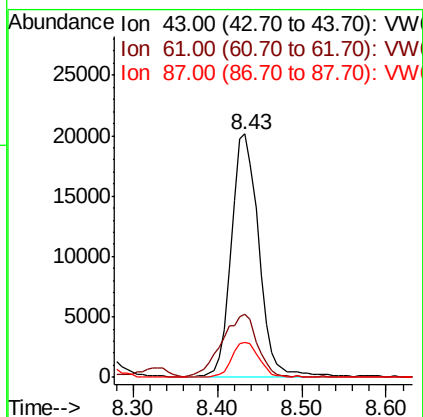
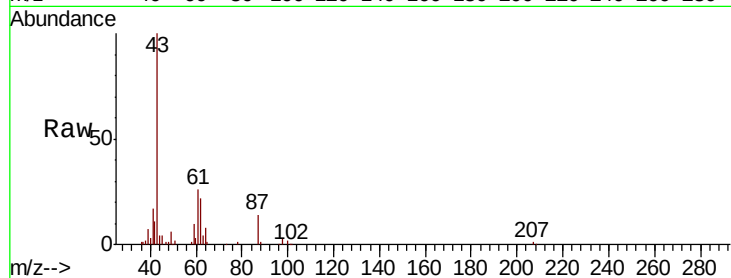
Tgt Ion: 43 Resp: 44602

Ion Ratio Lower Upper

43 100

61 32.8 25.4 38.0

87 14.1 11.9 17.9



#44

Trichloroethene

Concen: 10.426 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005240.D

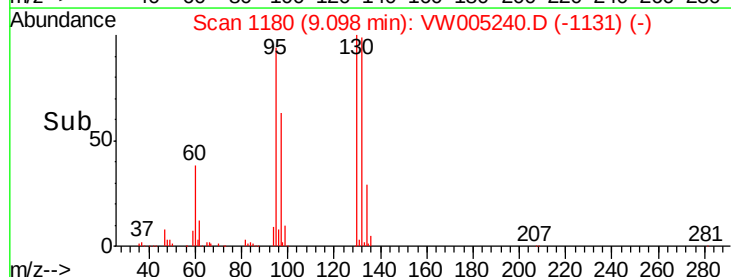
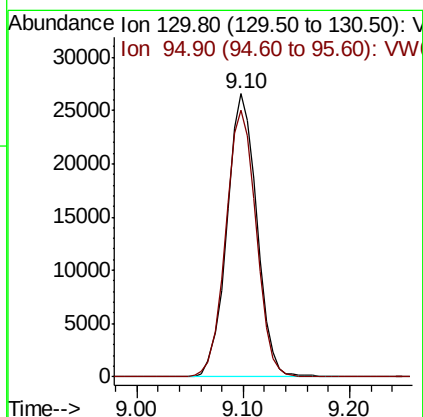
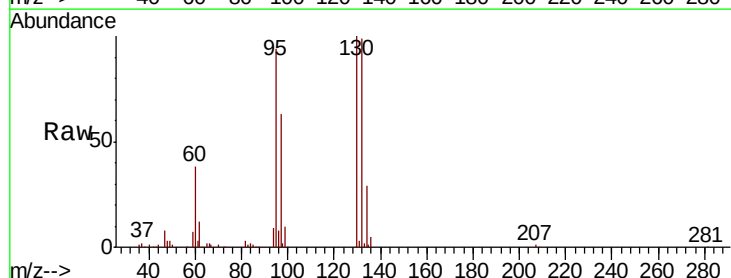
Acq: 10 Sep 2018 14:32

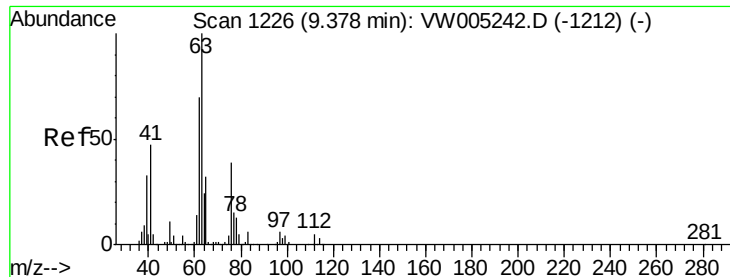
Tgt Ion: 130 Resp: 52252

Ion Ratio Lower Upper

130 100

95 94.4 0.0 189.6

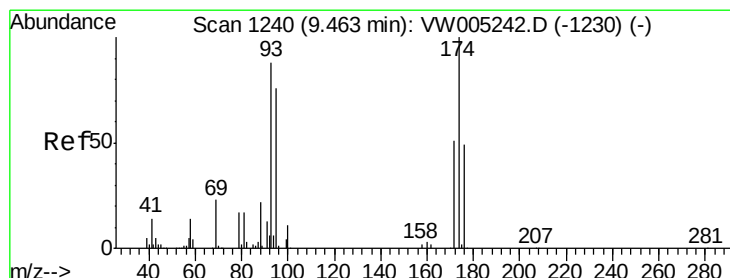
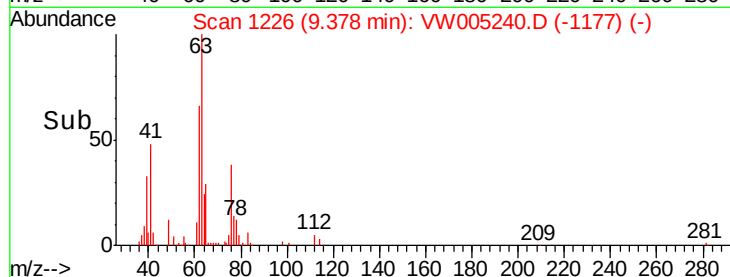
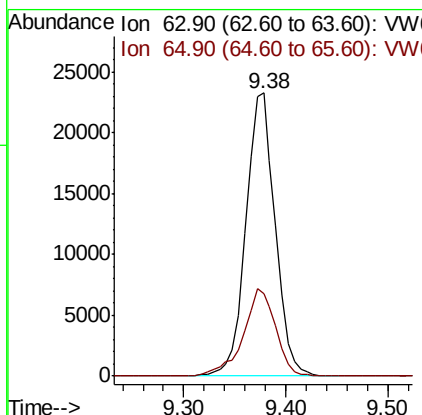
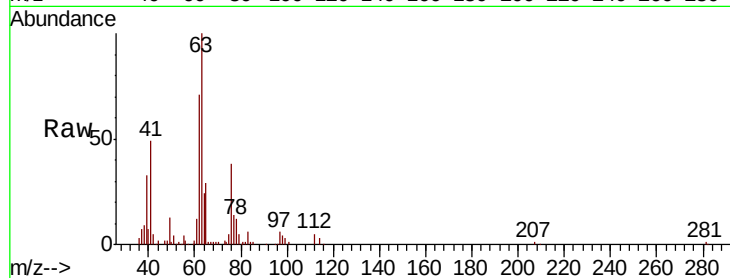




#45
 1,2-Dichloropropane
 Concen: 10.591 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

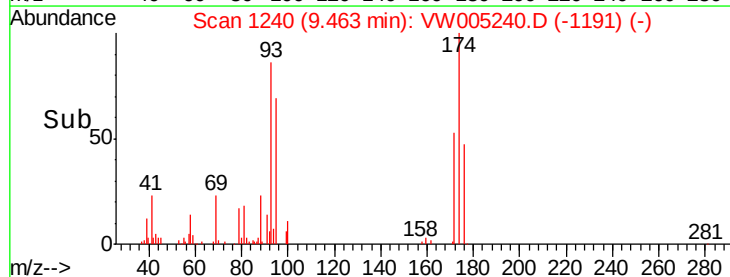
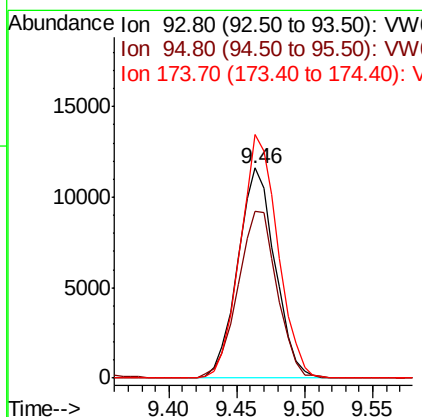
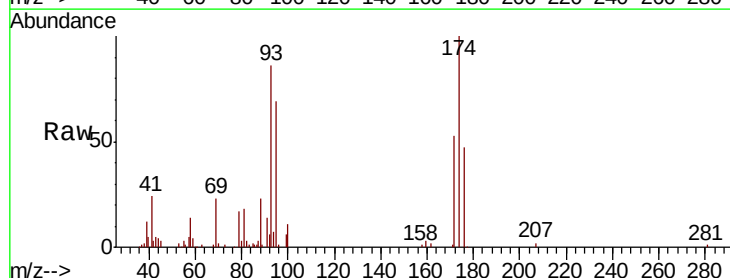
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

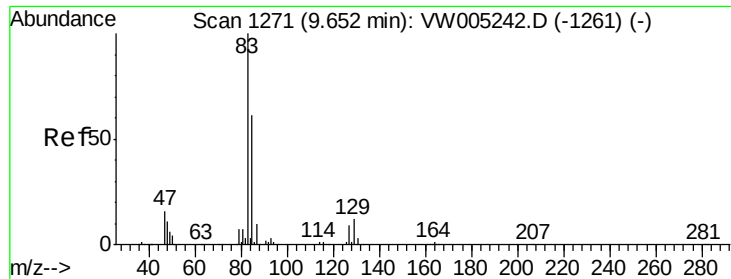
Tgt Ion: 63 Resp: 46506
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.4 38.2



#46
 Dibromomethane
 Concen: 10.372 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion: 93 Resp: 22293
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.4
 174 116.3 92.2 138.2

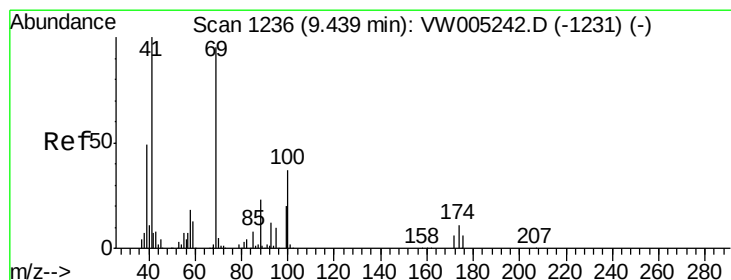
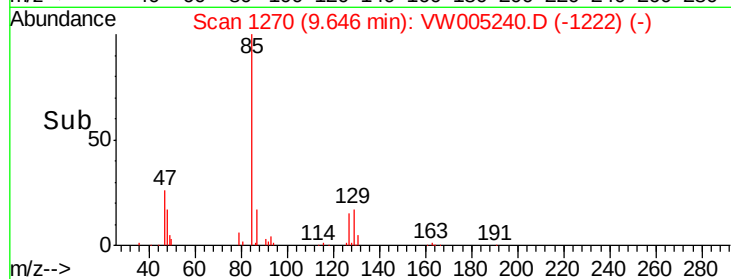
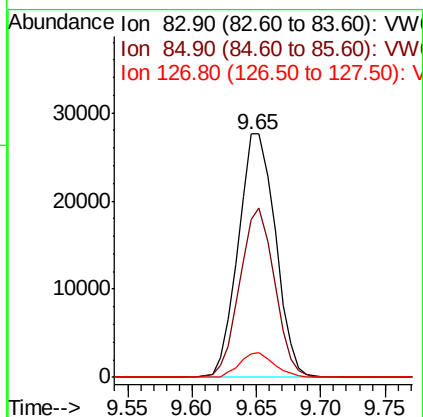
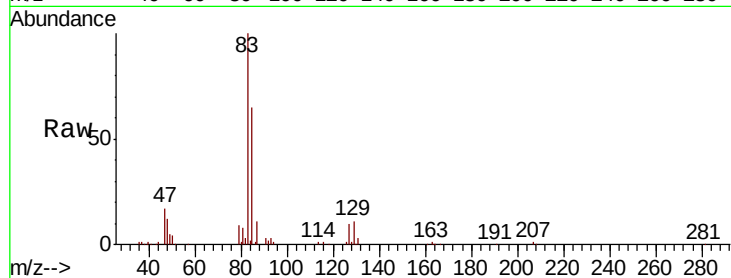




#47
Bromodichloromethane
Concen: 10.496 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

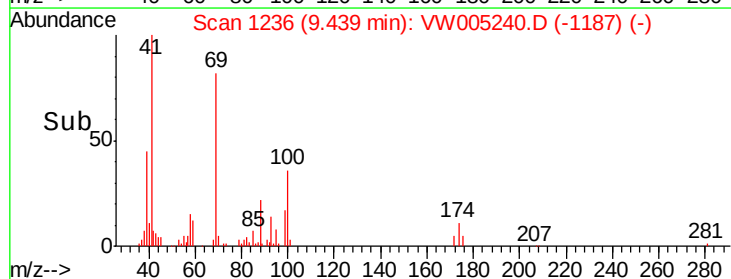
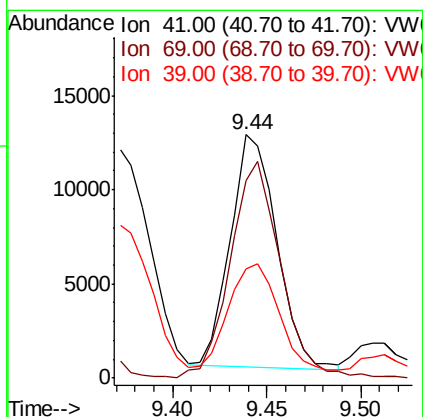
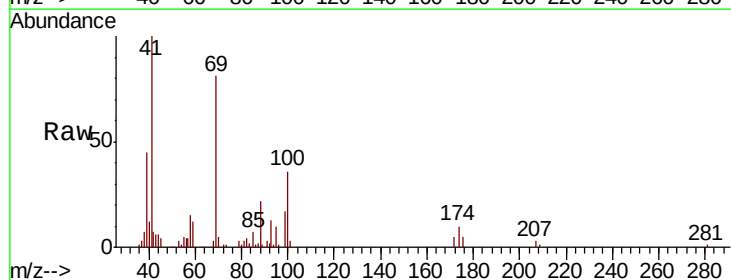
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

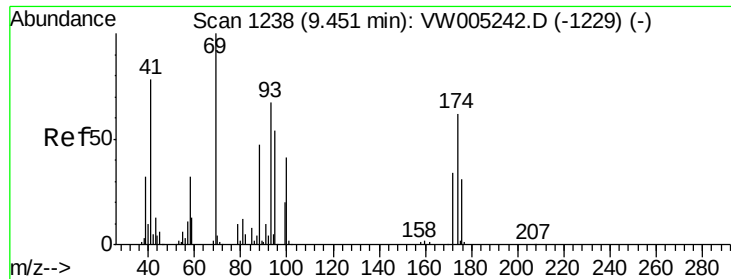
Tgt Ion: 83 Resp: 55187
Ion Ratio Lower Upper
83 100
85 64.9 49.0 73.6
127 9.7 7.0 10.4



#48
Methyl methacrylate
Concen: 9.272 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion: 41 Resp: 21087
Ion Ratio Lower Upper
41 100
69 101.2 74.6 112.0
39 49.8 36.7 55.1

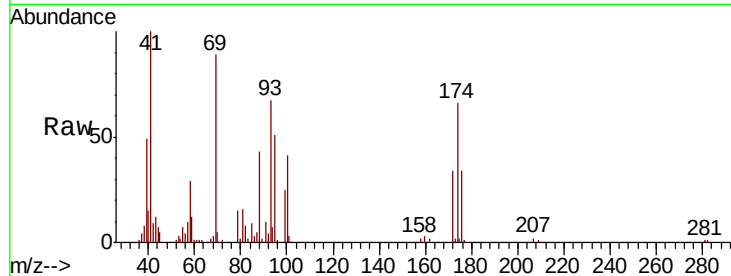




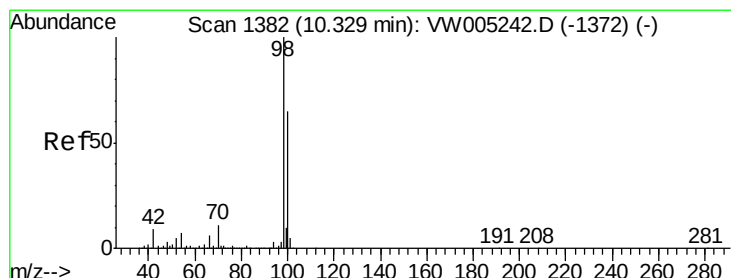
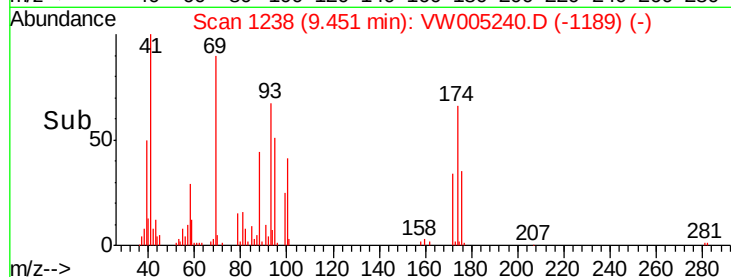
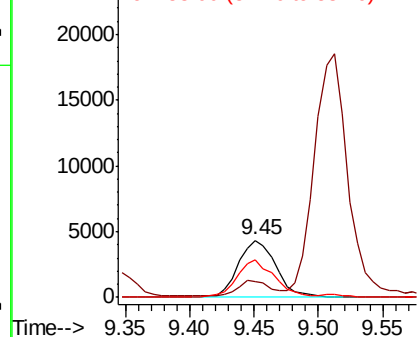
#49
1,4-Dioxane
Concen: 220.081 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 88 Resp: 8832
Ion Ratio Lower Upper
88 100
43 25.3 22.7 34.1
58 65.2 56.6 85.0

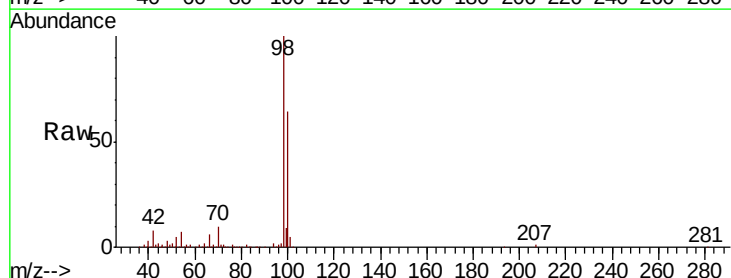


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

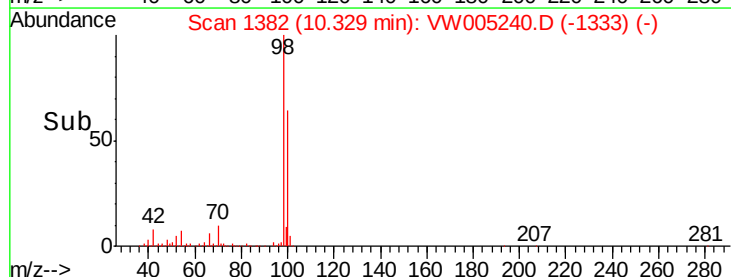
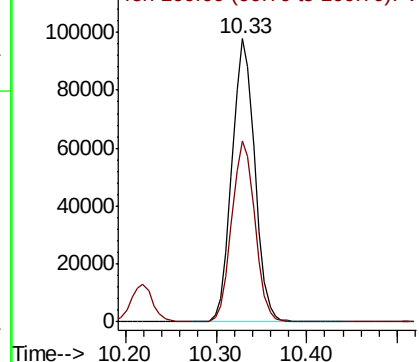


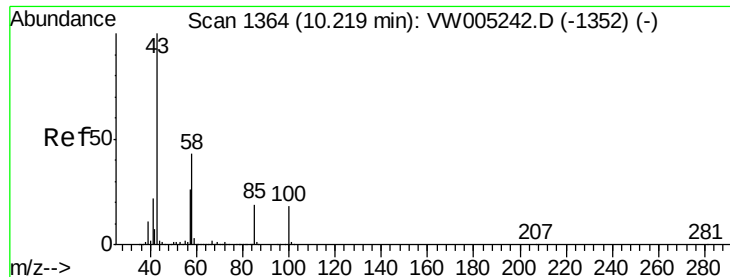
#50
Toluene-d8
Concen: 9.528 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion: 98 Resp: 170700
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



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: 51.441 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

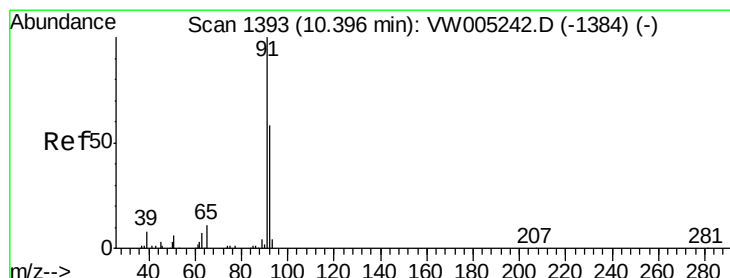
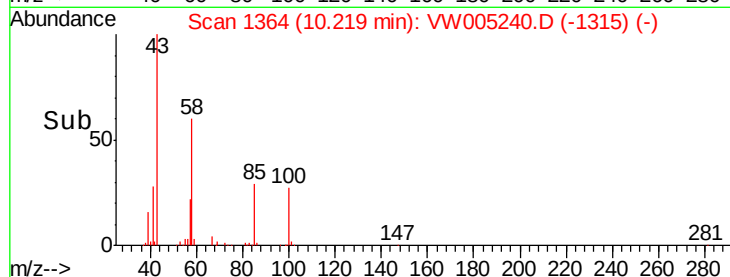
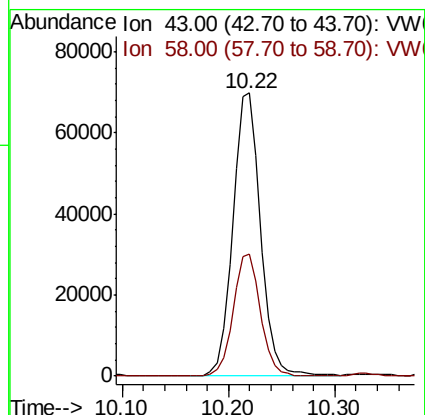
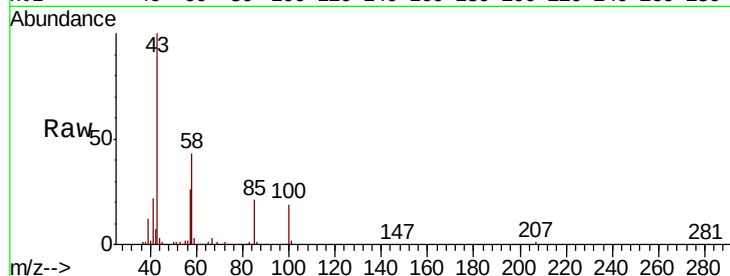
VSTDIC010

Tgt Ion: 43 Resp: 126793

Ion Ratio Lower Upper

43 100

58 42.5 33.8 50.6



#52

Toluene

Concen: 10.775 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005240.D

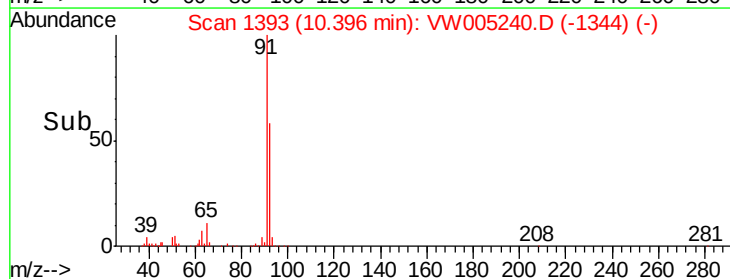
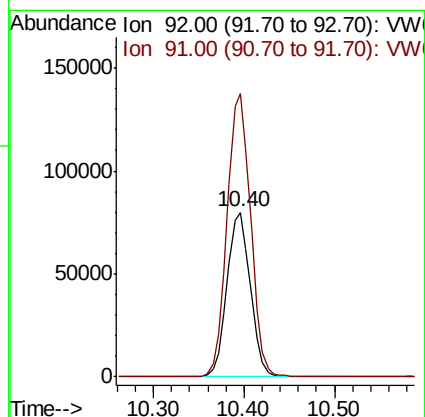
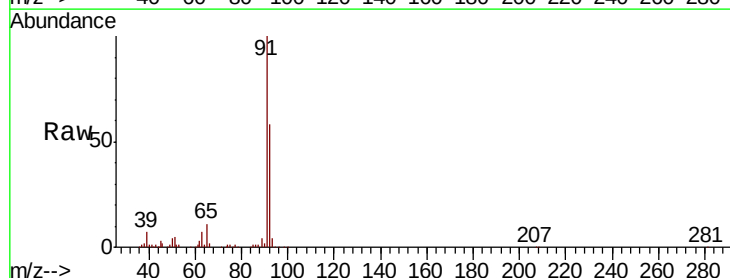
Acq: 10 Sep 2018 14:32

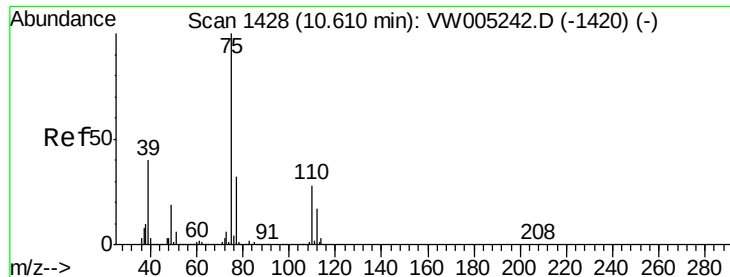
Tgt Ion: 92 Resp: 143069

Ion Ratio Lower Upper

92 100

91 173.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 10.135 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

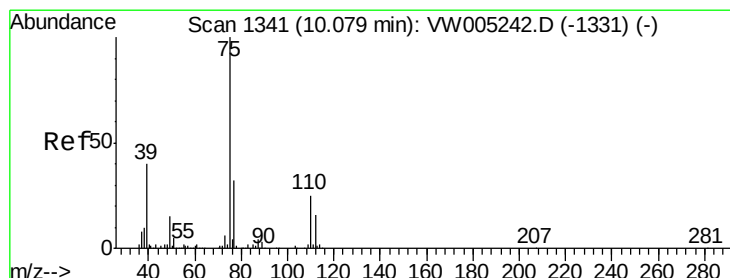
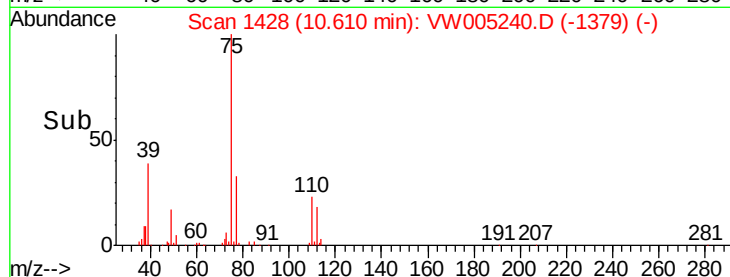
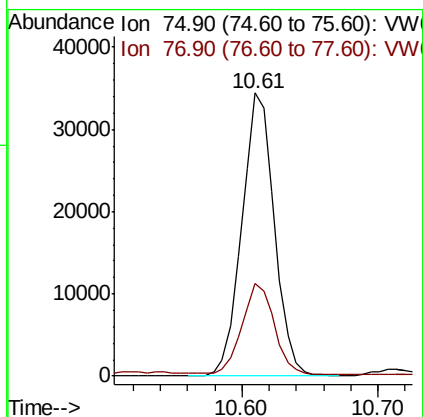
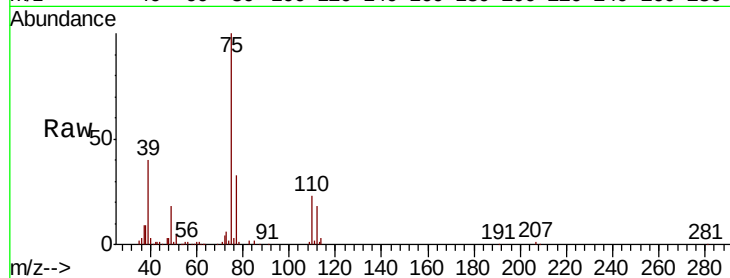
VSTDIC010

Tgt Ion: 75 Resp: 57593

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 10.223 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

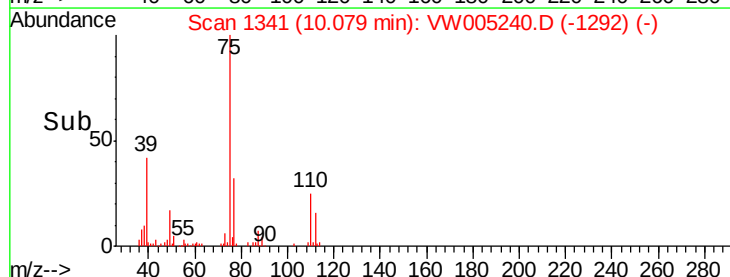
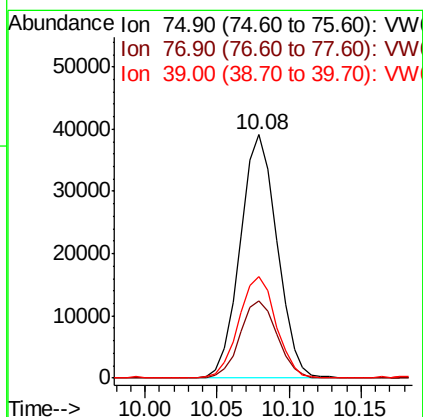
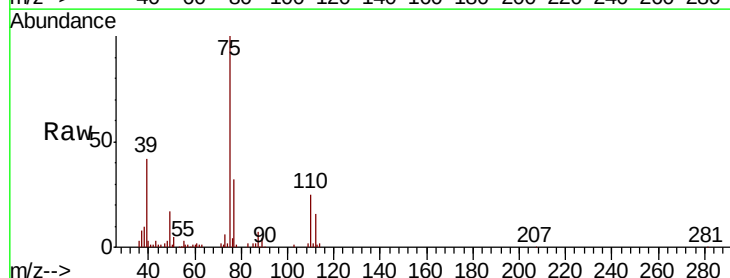
Tgt Ion: 75 Resp: 69563

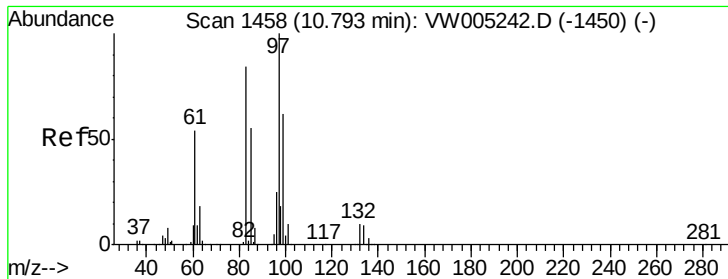
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 41.9 31.8 47.6

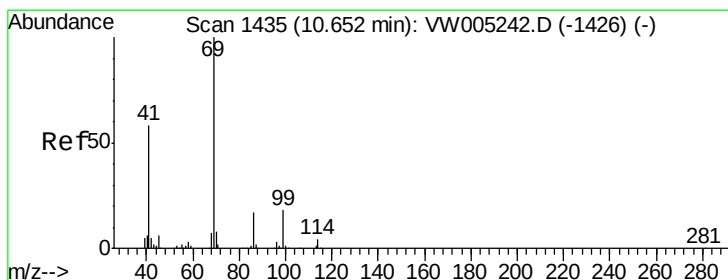
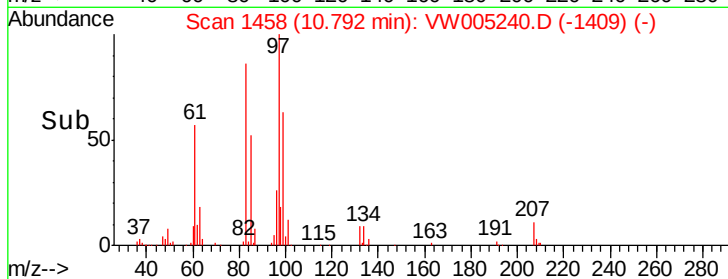
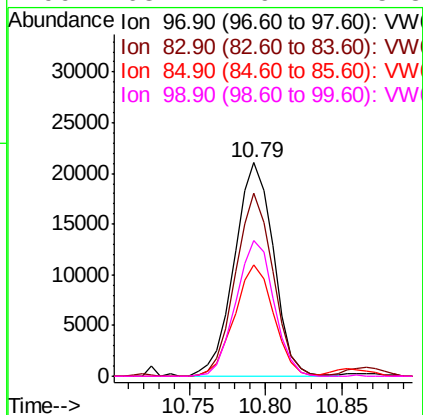
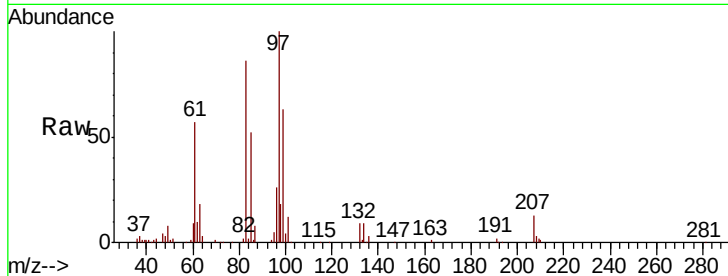




#55
 1,1,2-Trichloroethane
 Concen: 10.944 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

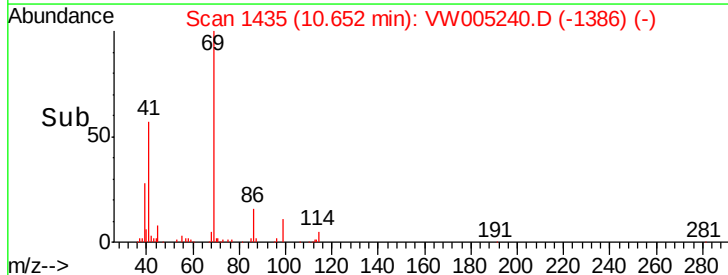
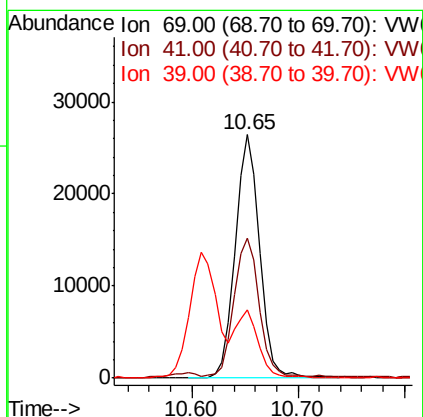
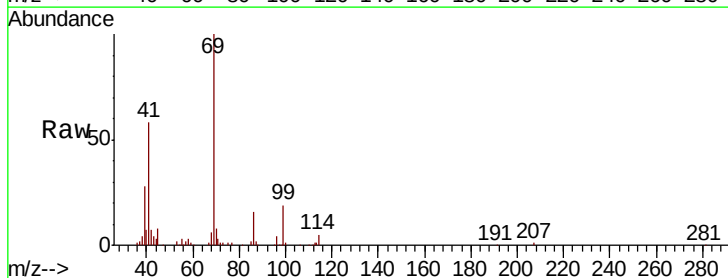
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

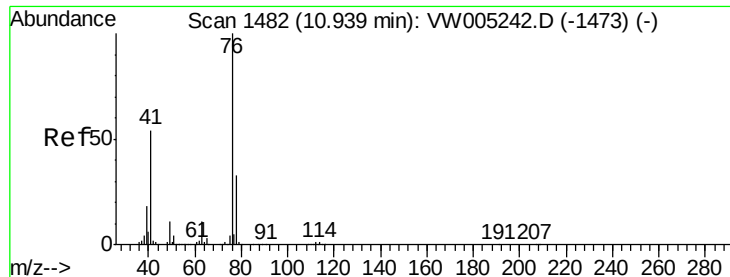
Tgt Ion:	97	Resp:	37507
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.2	100.8
85	52.3	44.4	66.6
99	63.4	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 9.840 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion:	69	Resp:	42755
Ion	Ratio	Lower	Upper
69	100		
41	58.6	48.7	73.1
39	25.2	20.9	31.3





#57

1,3-Dichloropropane

Concen: 10.496 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

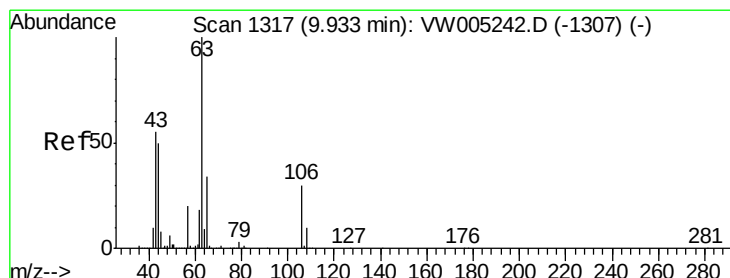
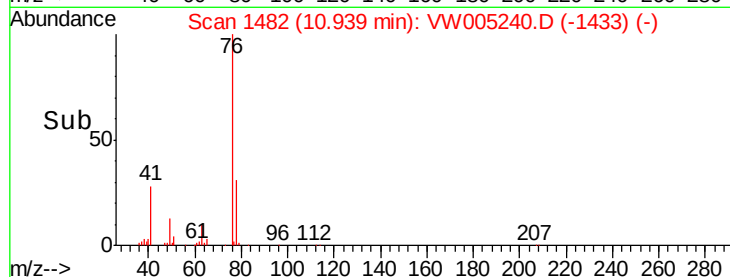
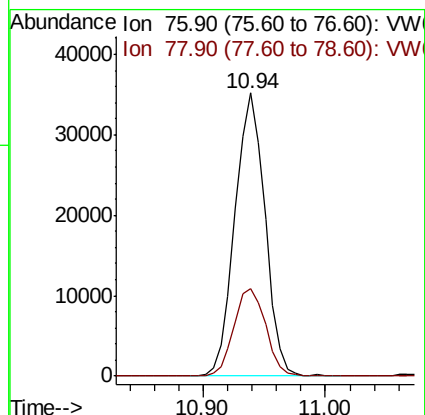
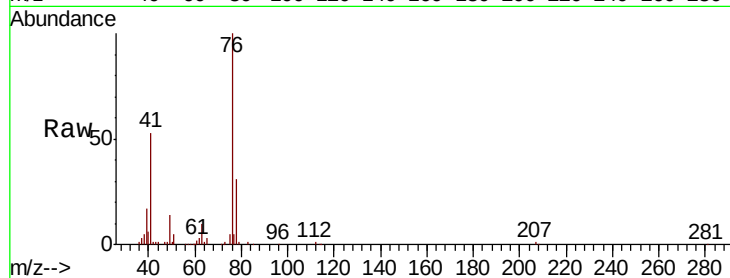
VSTDIC010

Tgt Ion: 76 Resp: 59733

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 45.917 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005240.D

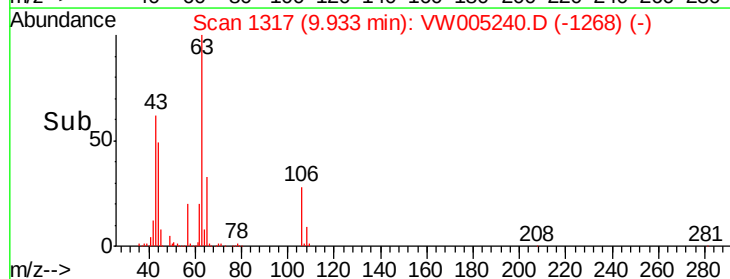
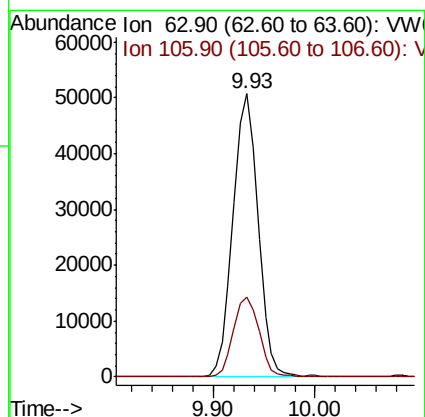
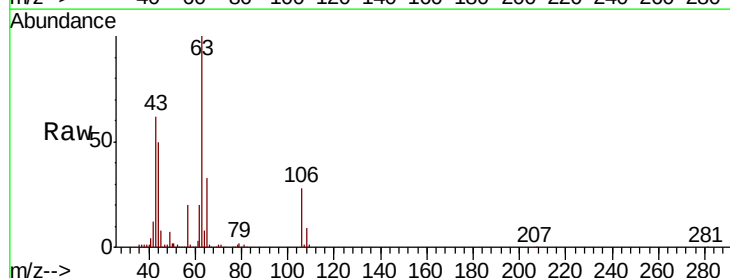
Acq: 10 Sep 2018 14:32

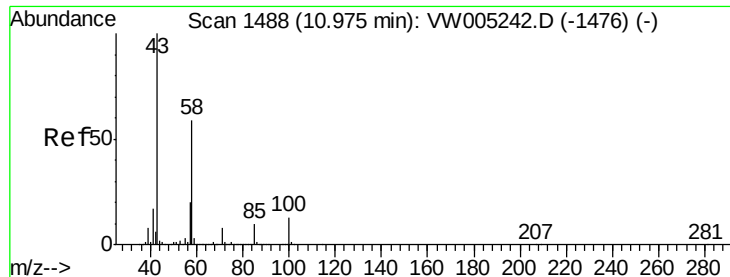
Tgt Ion: 63 Resp: 86712

Ion Ratio Lower Upper

63 100

106 28.6 23.4 35.0





#59

2-Hexanone

Concen: 52.222 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

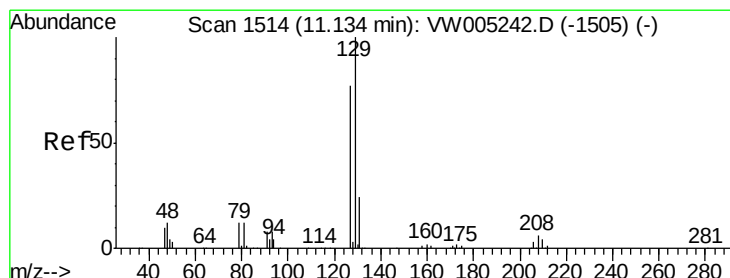
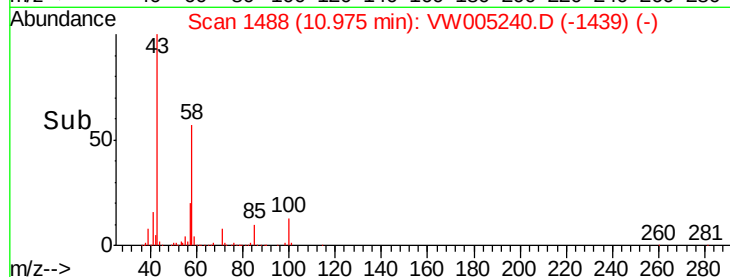
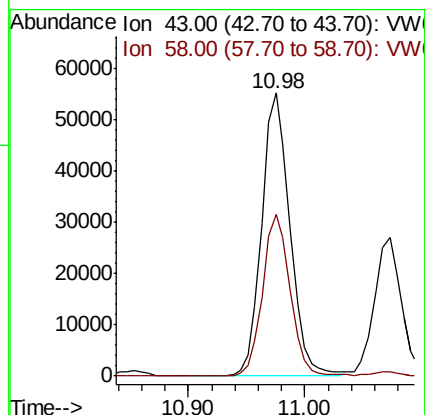
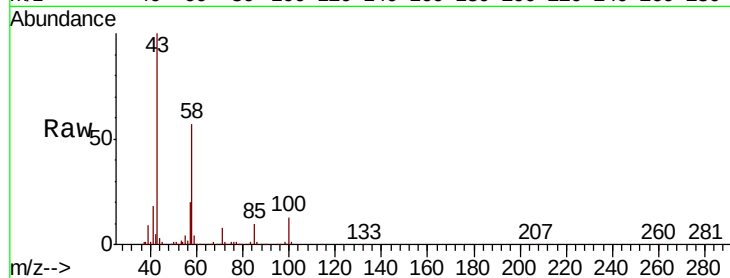
VSTDIC010

Tgt Ion: 43 Resp: 92797

Ion Ratio Lower Upper

43 100

58 55.5 29.3 87.9



#60

Dibromochloromethane

Concen: 10.339 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW005240.D

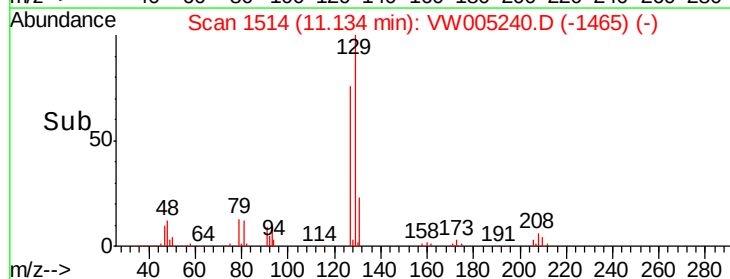
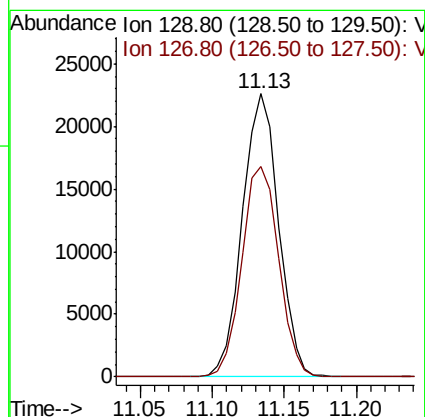
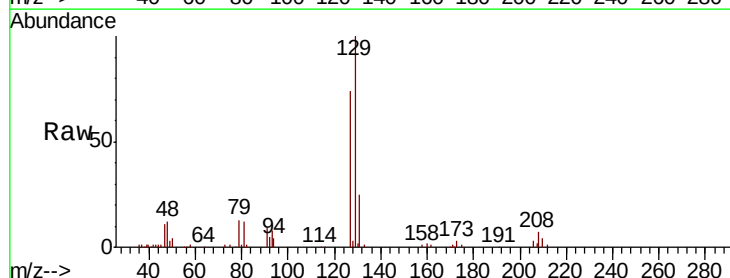
Acq: 10 Sep 2018 14:32

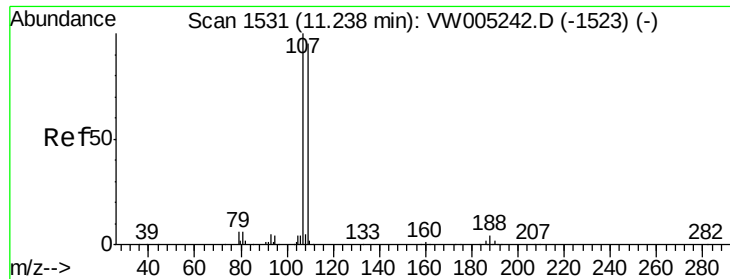
Tgt Ion: 129 Resp: 39317

Ion Ratio Lower Upper

129 100

127 75.9 39.0 117.0

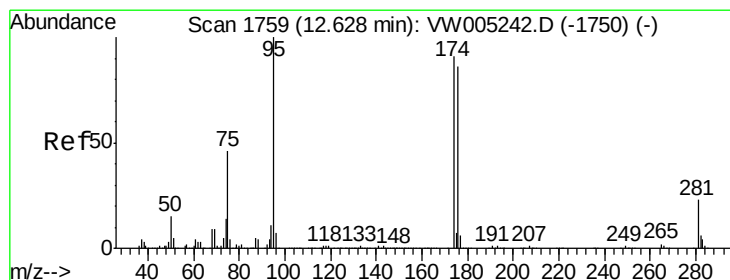
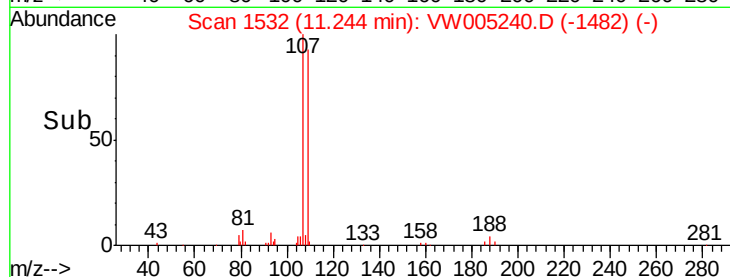
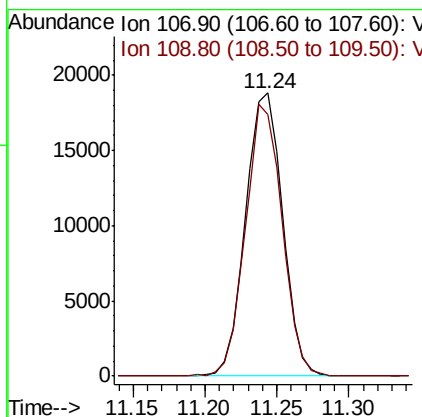
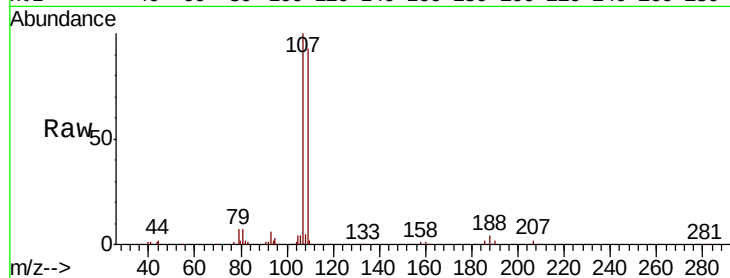




#61
 1,2-Dibromoethane
 Concen: 10.651 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

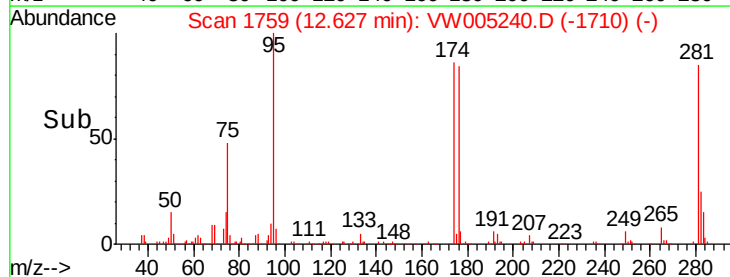
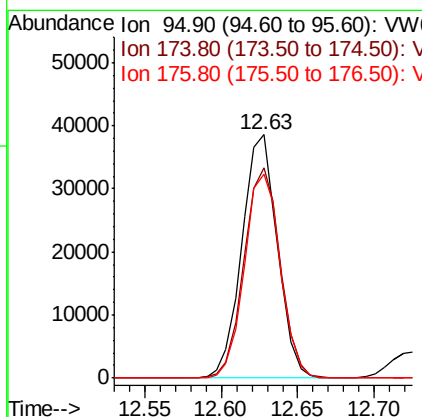
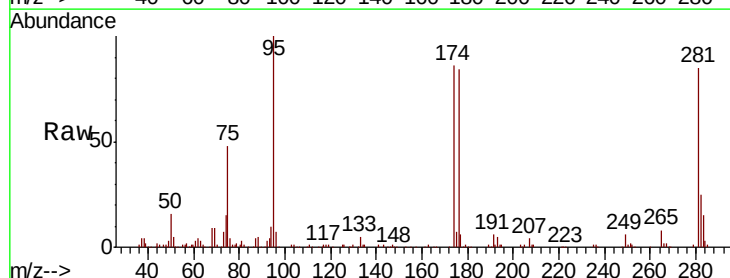
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

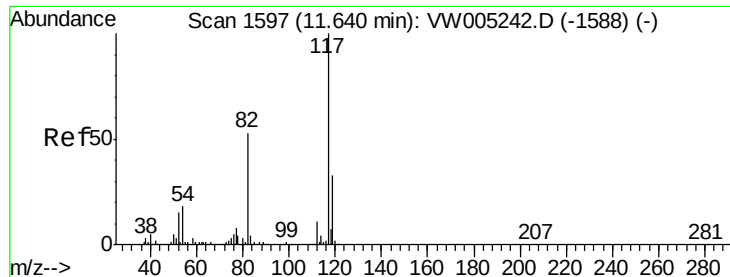
Tgt Ion: 107 Resp: 33473
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 9.463 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion: 95 Resp: 62011
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 174.6
 176 85.0 0.0 167.6

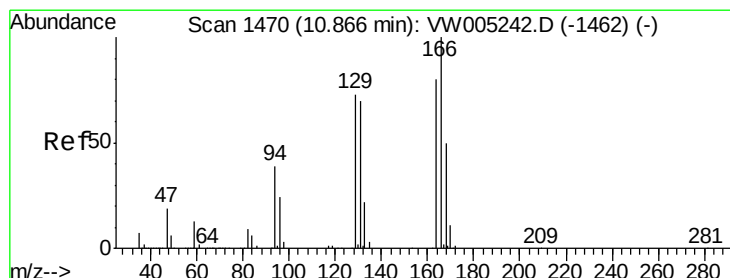
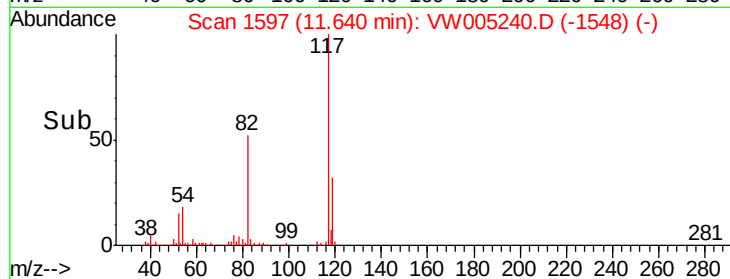
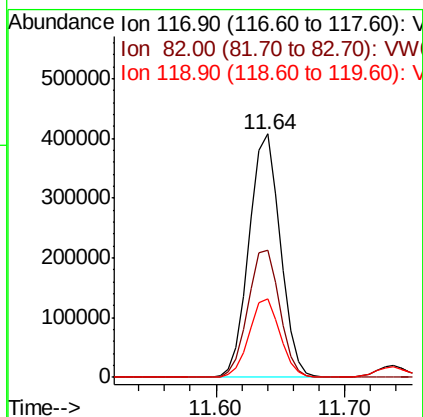
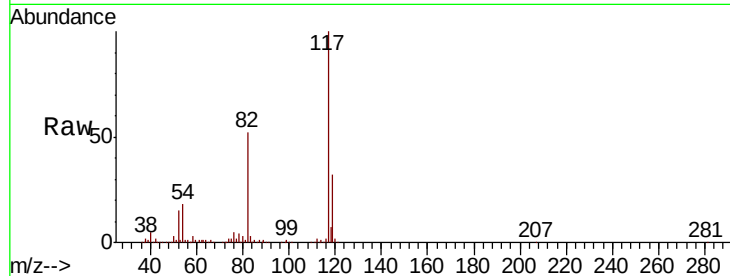




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

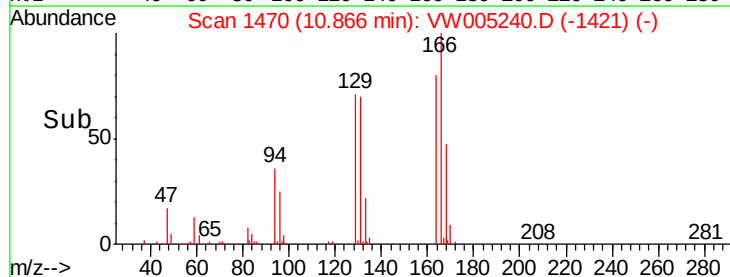
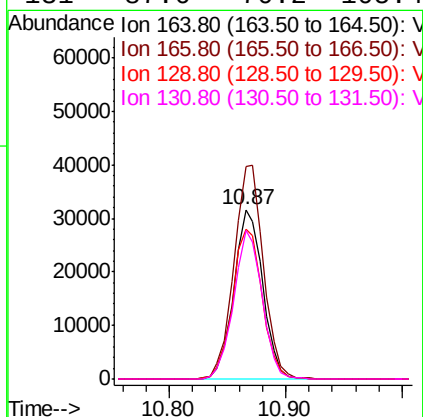
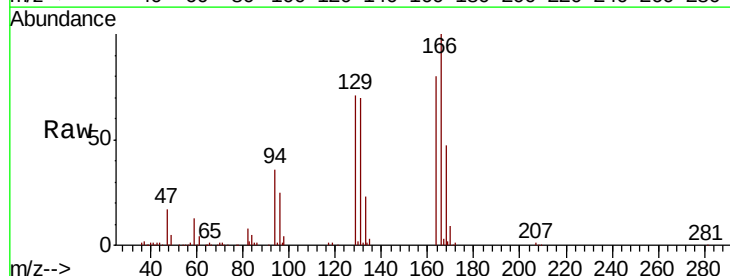
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

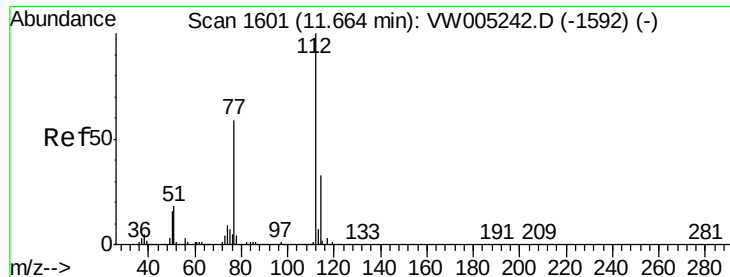
Tgt Ion:117 Resp: 681470
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 10.831 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion:164 Resp: 54760
Ion Ratio Lower Upper
164 100
166 125.5 100.2 150.2
129 88.5 73.2 109.8
131 87.6 70.2 105.4





#65

Chlorobenzene

Concen: 10.728 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

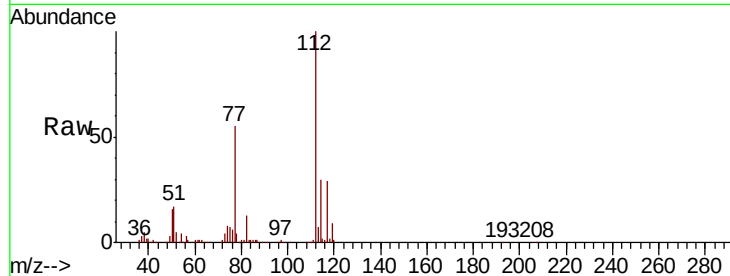
VSTDIC010

Tgt Ion:112 Resp: 160159

Ion Ratio Lower Upper

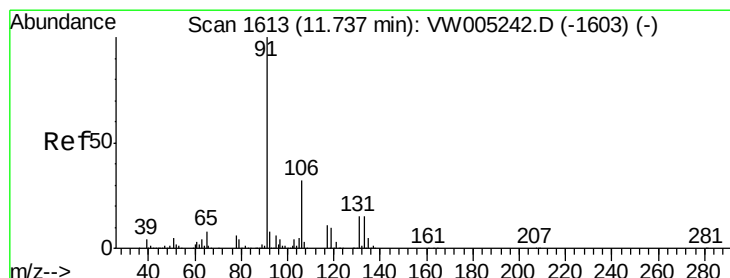
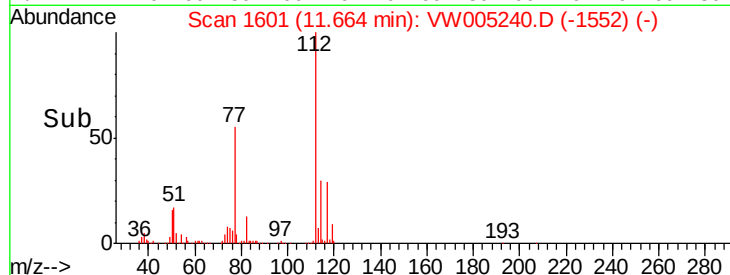
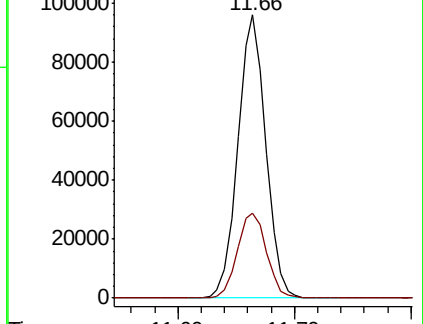
112 100

114 30.1 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 10.267 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

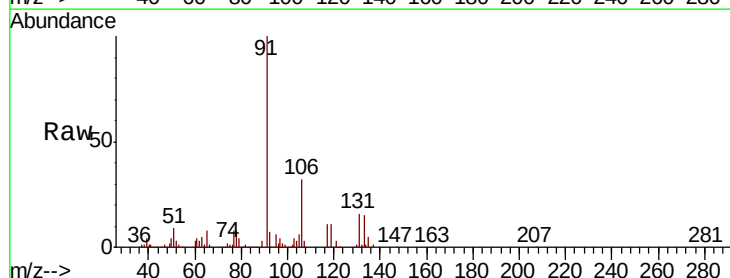
Tgt Ion:131 Resp: 45762

Ion Ratio Lower Upper

131 100

133 96.0 48.1 144.3

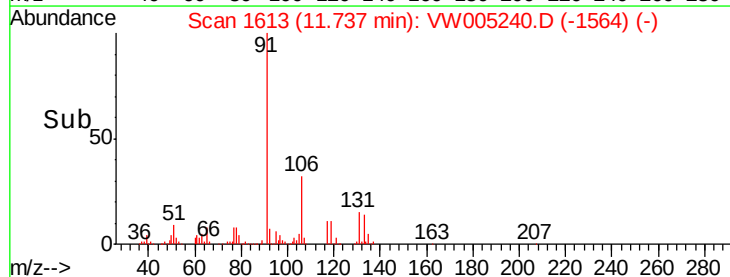
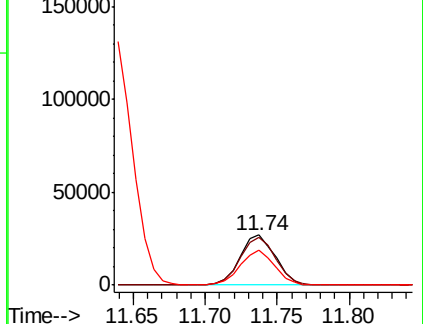
119 67.3 33.4 100.1

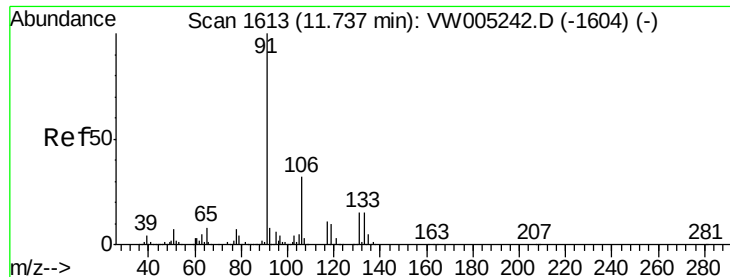


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

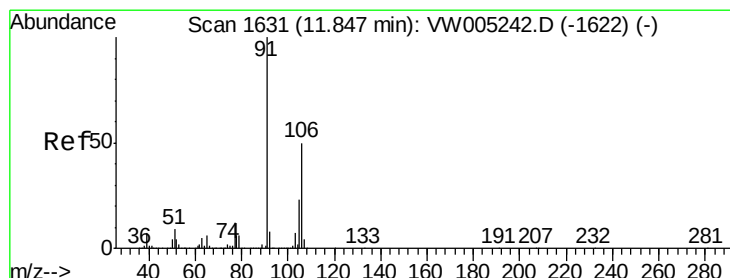
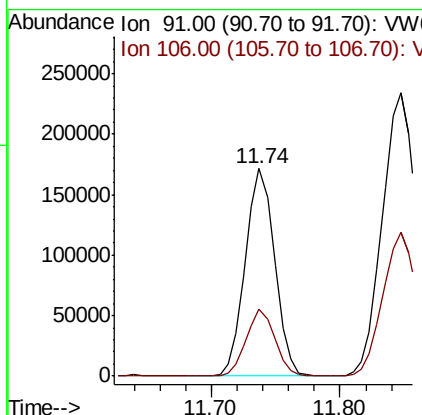
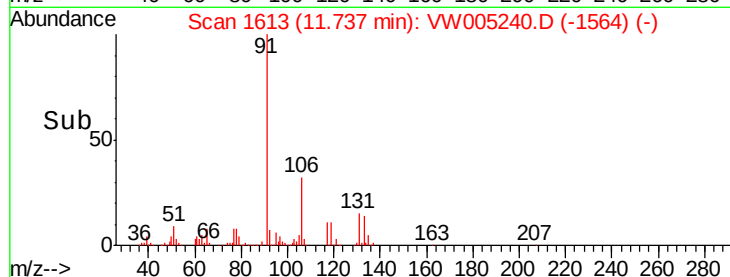
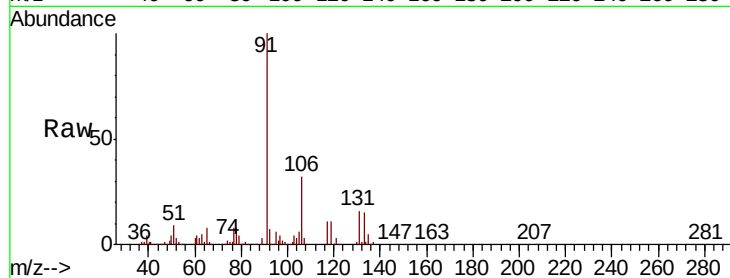




#67
 Ethyl Benzene
 Concen: 10.402 ug/l
 RT: 11.74 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

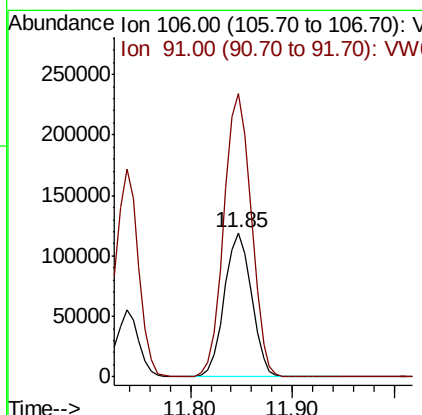
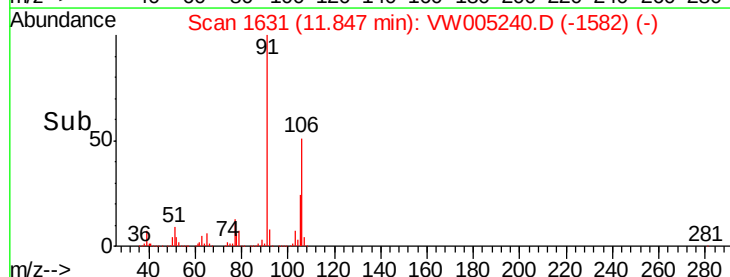
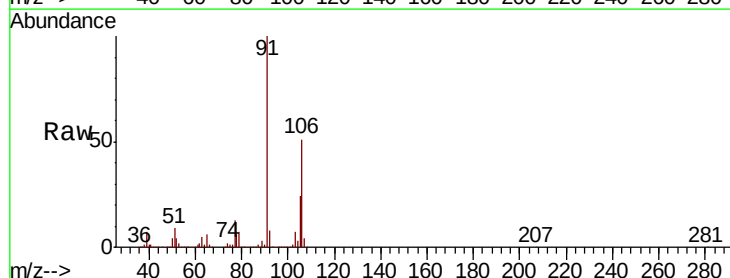
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

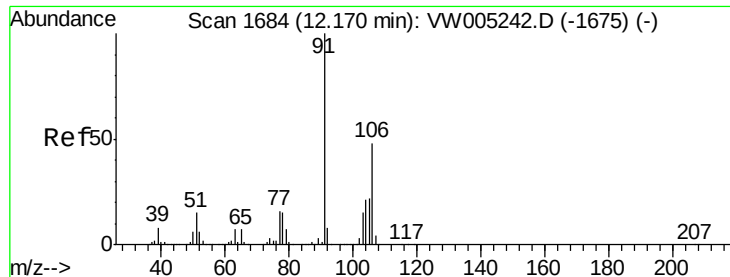
Tgt Ion: 91 Resp: 270425
 Ion Ratio Lower Upper
 91 100
 106 32.5 25.6 38.4



#68
 m/p-Xylenes
 Concen: 20.995 ug/l
 RT: 11.85 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion: 106 Resp: 219957
 Ion Ratio Lower Upper
 106 100
 91 198.0 160.2 240.2

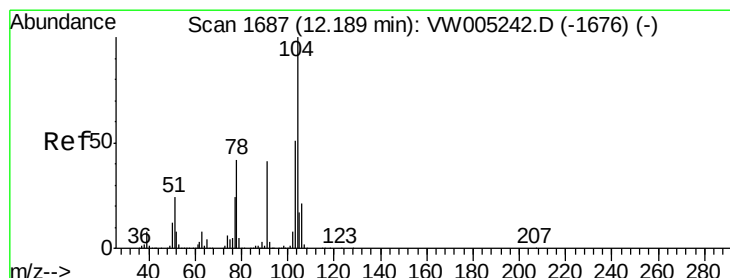
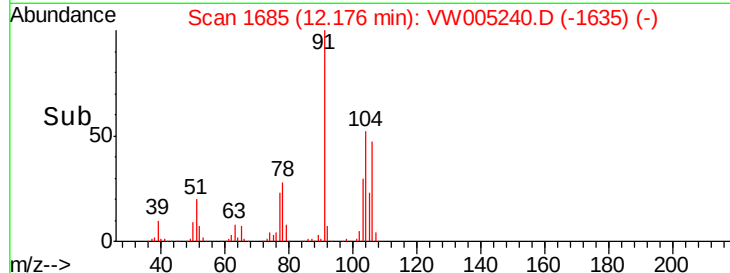
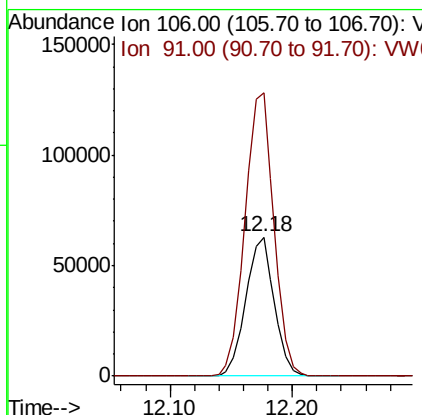
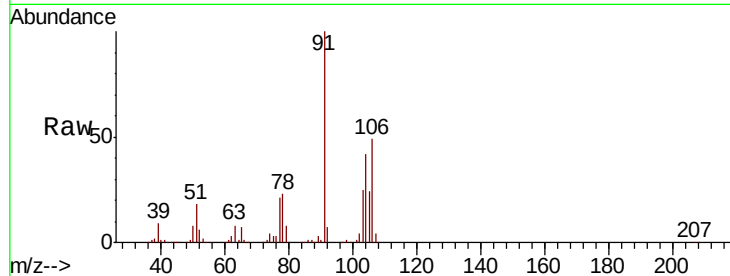




#69
o-Xylene
Concen: 10.380 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

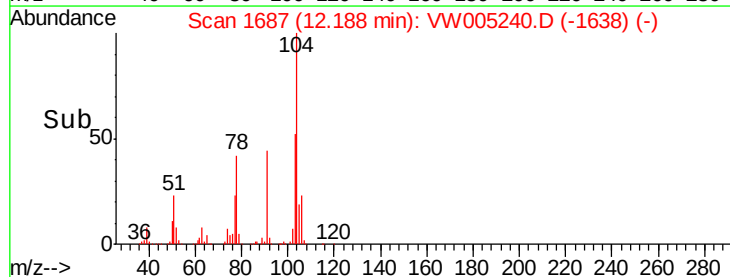
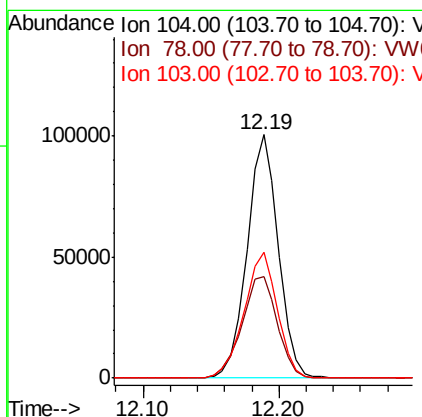
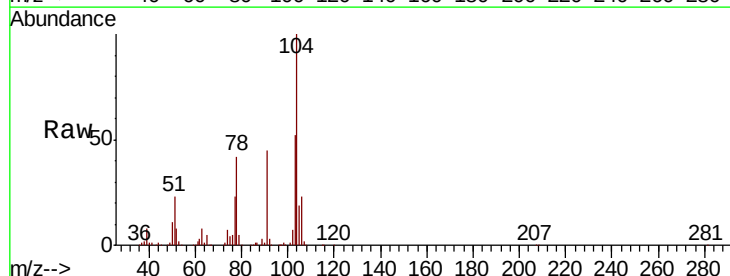
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

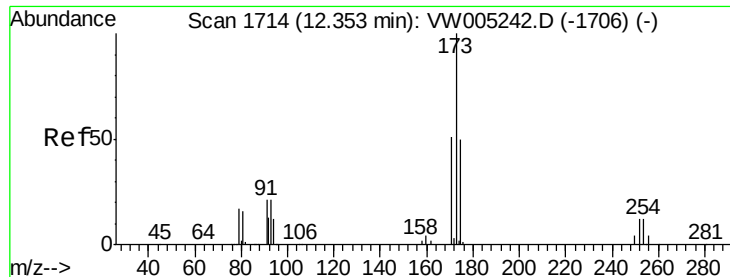
Tgt Ion:106 Resp: 101170
Ion Ratio Lower Upper
106 100
91 208.7 104.1 312.3



#70
Styrene
Concen: 10.141 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion:104 Resp: 161283
Ion Ratio Lower Upper
104 100
78 47.6 37.4 56.2
103 55.4 44.1 66.1





#71

Bromoform

Concen: 10.248 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

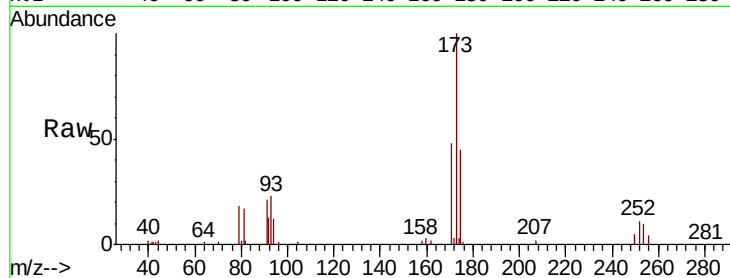
Tgt Ion:173 Resp: 24768

Ion Ratio Lower Upper

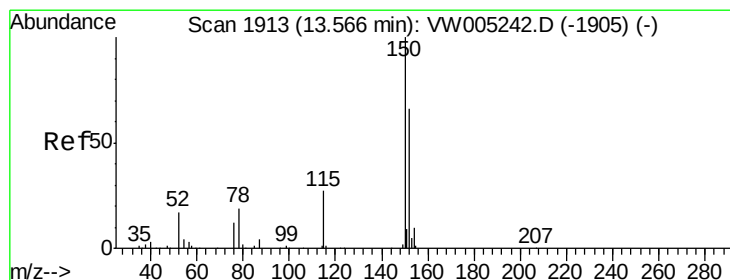
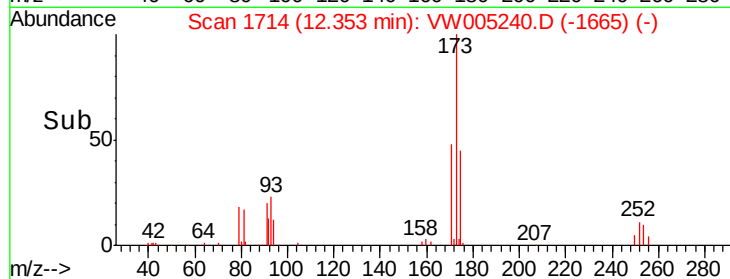
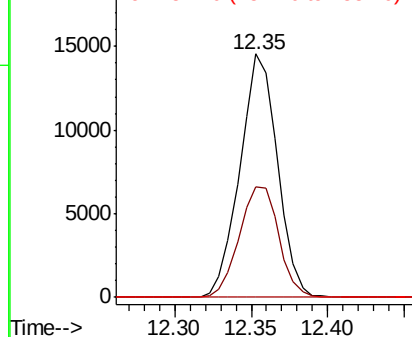
173 100

175 47.8 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

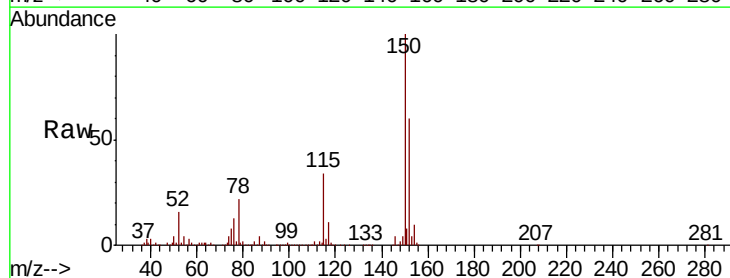
Tgt Ion:152 Resp: 366213

Ion Ratio Lower Upper

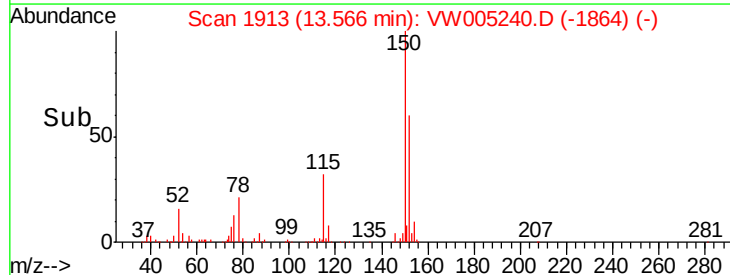
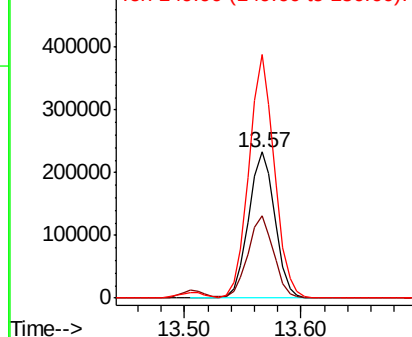
152 100

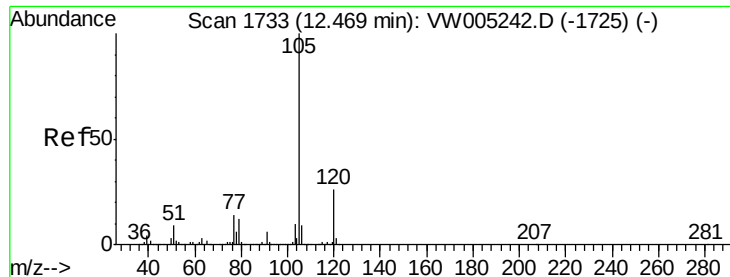
115 55.0 27.5 82.4

150 162.1 0.0 347.4



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





#73

Isopropylbenzene

Concen: 10.448 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

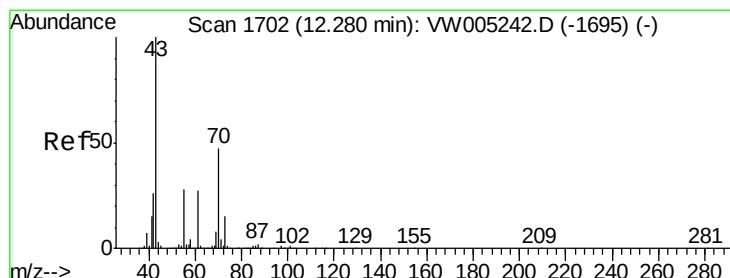
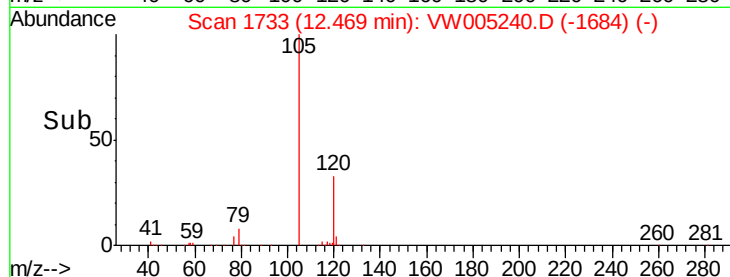
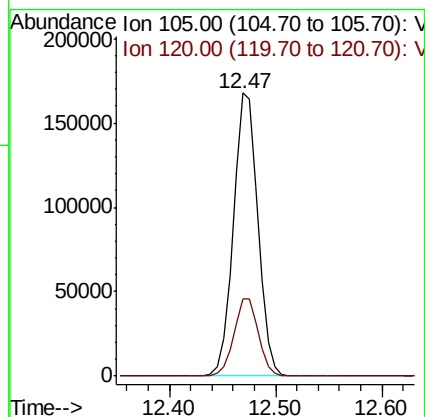
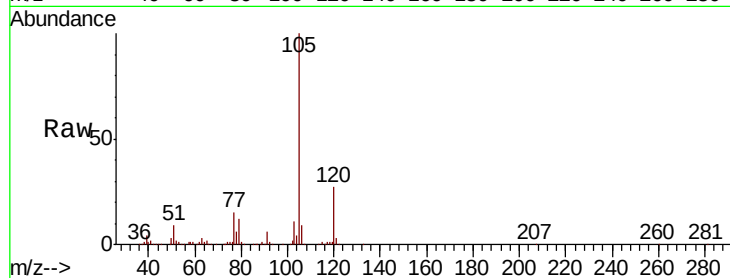
VSTDIC010

Tgt Ion: 105 Resp: 270335

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 10.171 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Tgt Ion: 43 Resp: 50074

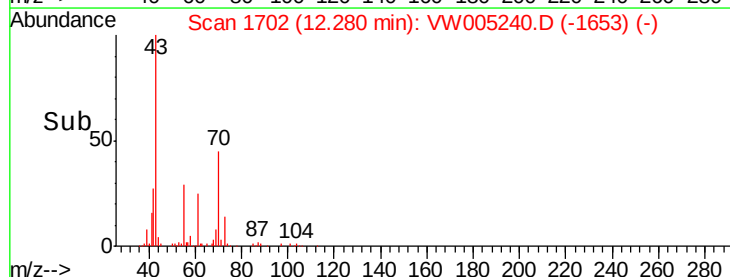
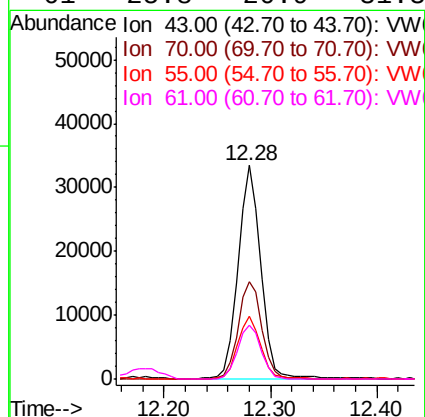
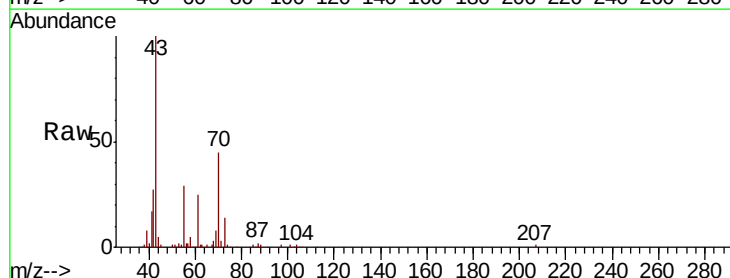
Ion Ratio Lower Upper

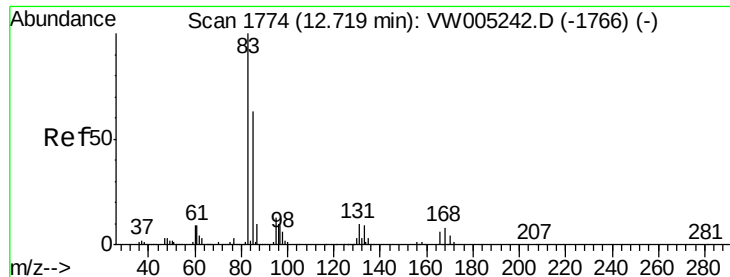
43 100

70 47.5 37.9 56.9

55 29.8 22.6 33.8

61 25.8 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 10.792 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

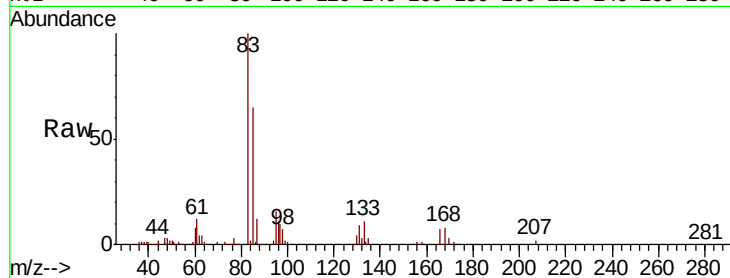
Tgt Ion: 83 Resp: 41966

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

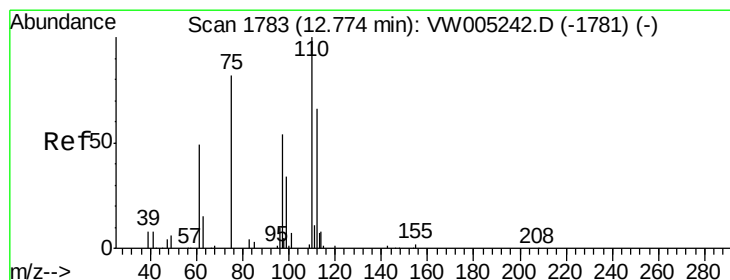
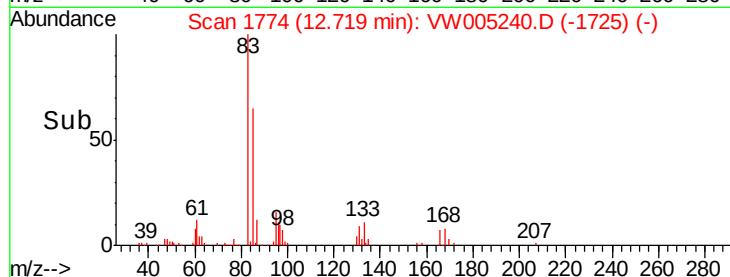
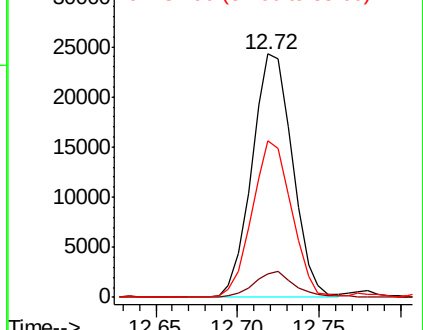
85 62.9 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 11.411 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005240.D

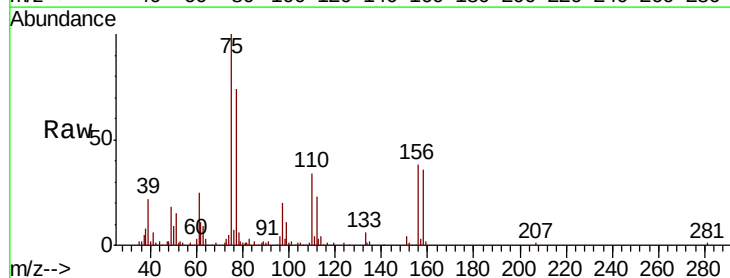
Acq: 10 Sep 2018 14:32

Tgt Ion: 75 Resp: 54276

Ion Ratio Lower Upper

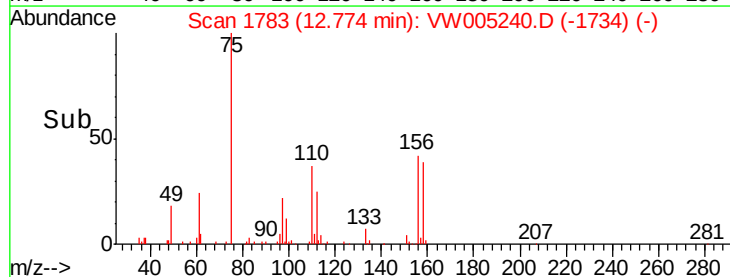
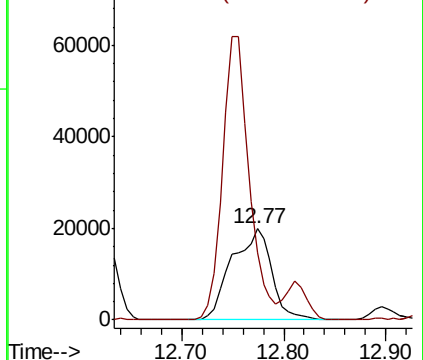
75 100

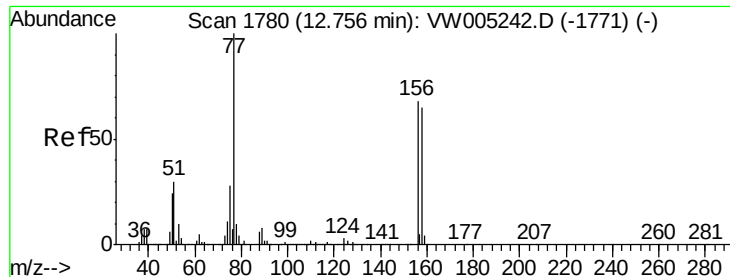
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.672 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

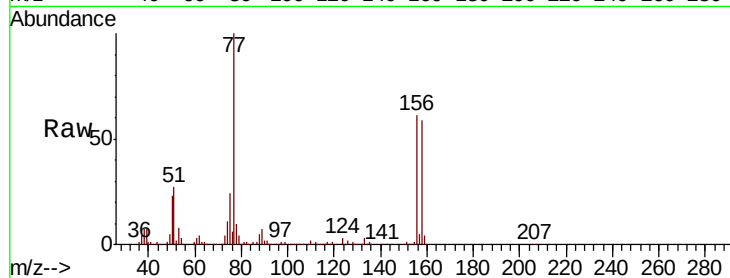
Tgt Ion: 156 Resp: 65052

Ion Ratio Lower Upper

156 100

77 173.9 86.3 258.8

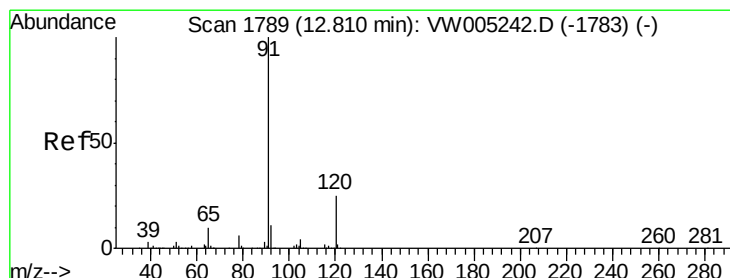
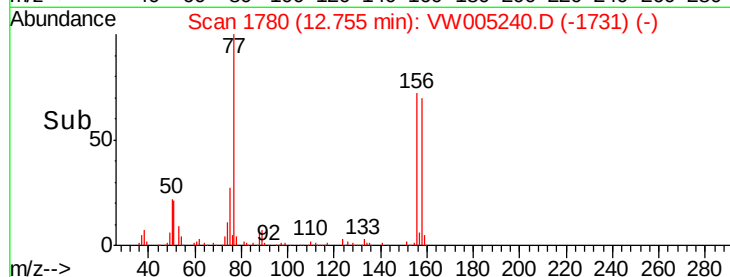
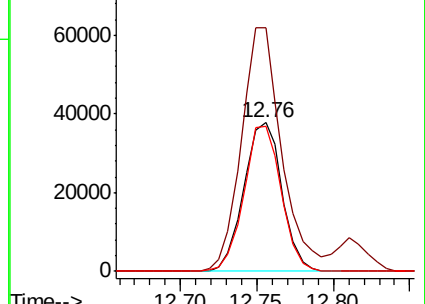
158 95.7 48.6 145.8



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: 10.511 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005240.D

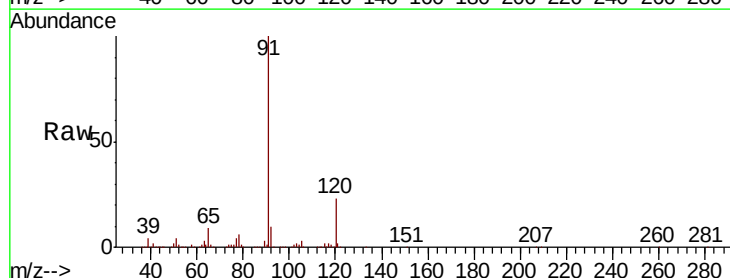
Acq: 10 Sep 2018 14:32

Tgt Ion: 91 Resp: 326634

Ion Ratio Lower Upper

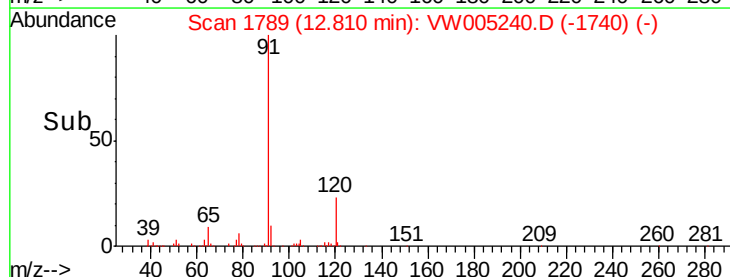
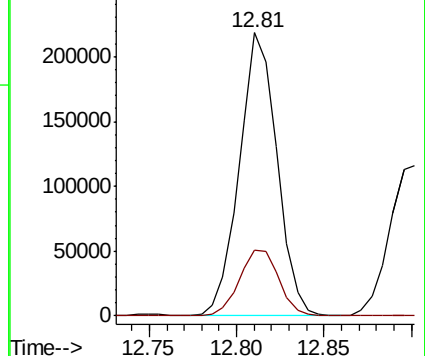
91 100

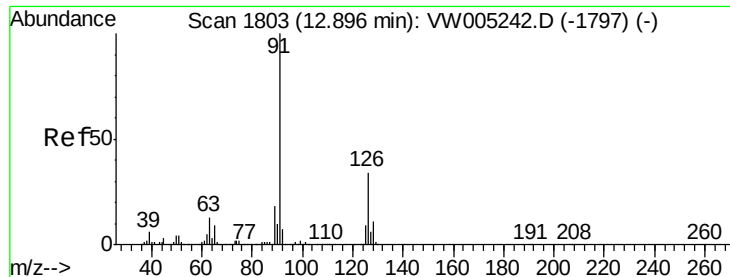
120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.691 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

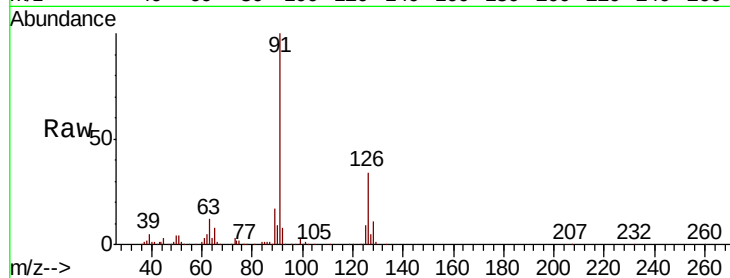
VSTDIC010

Tgt Ion: 91 Resp: 190528

Ion Ratio Lower Upper

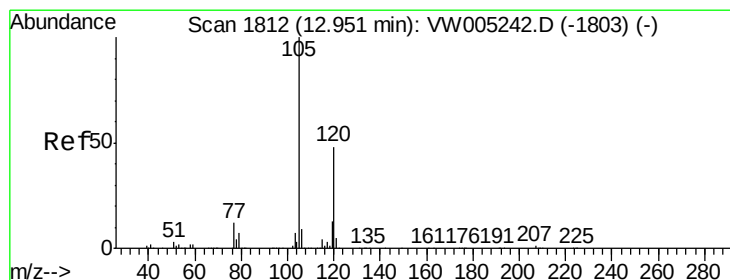
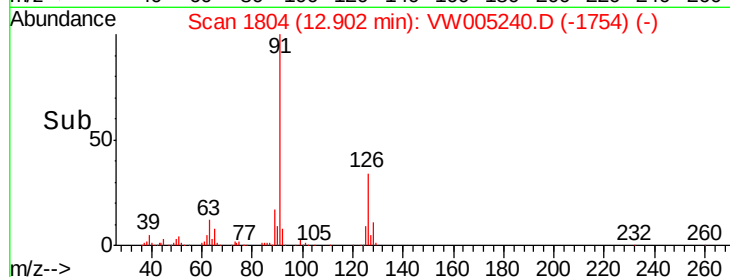
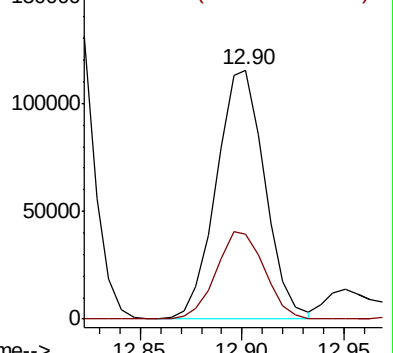
91 100

126 35.3 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.433 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005240.D

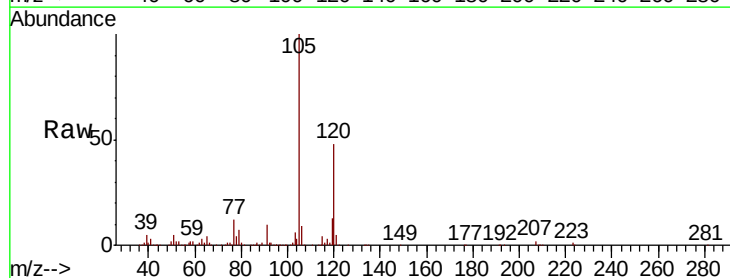
Acq: 10 Sep 2018 14:32

Tgt Ion: 105 Resp: 229863

Ion Ratio Lower Upper

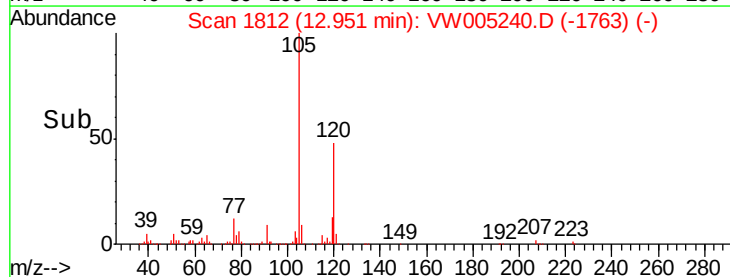
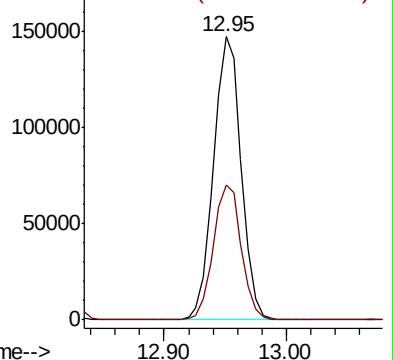
105 100

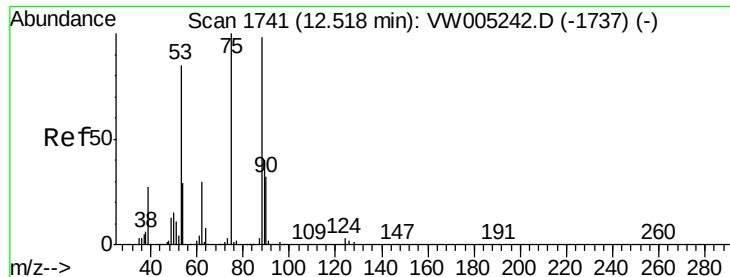
120 48.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 10.365 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

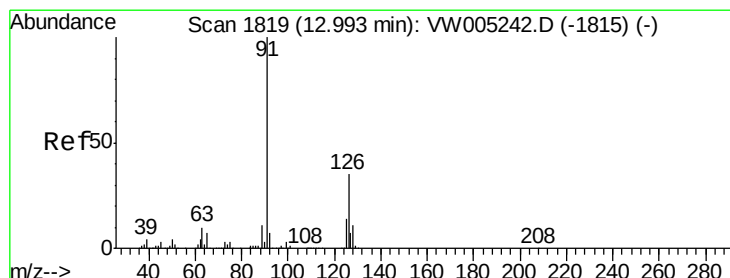
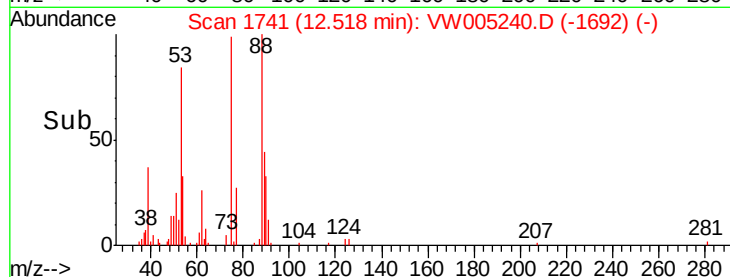
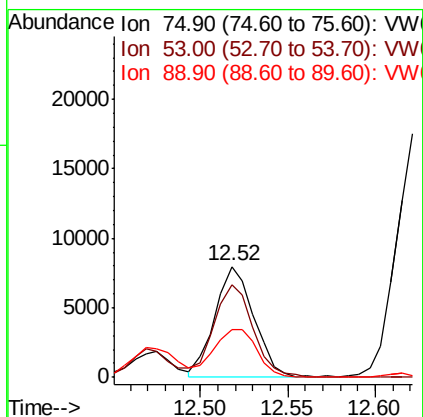
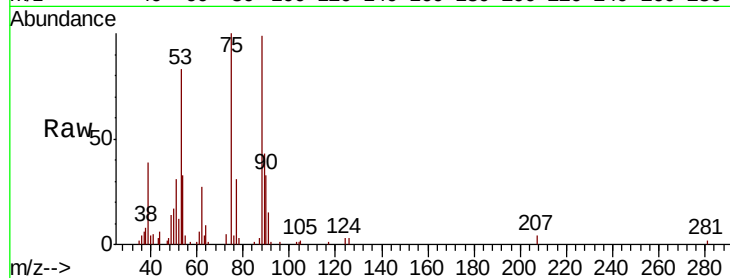
Tgt Ion: 75 Resp: 12449

Ion Ratio Lower Upper

75 100

53 82.9 67.0 100.6

89 47.5 37.0 55.4



#82

4-Chlorotoluene

Concen: 10.470 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005240.D

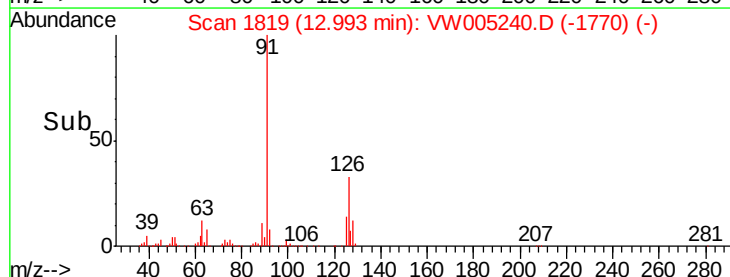
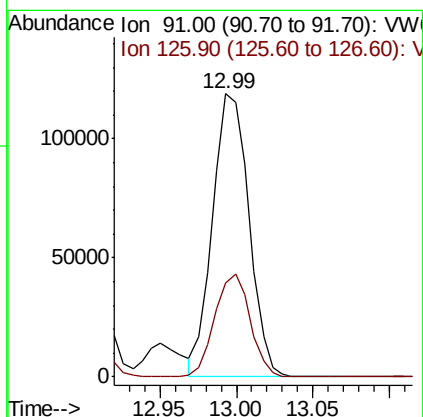
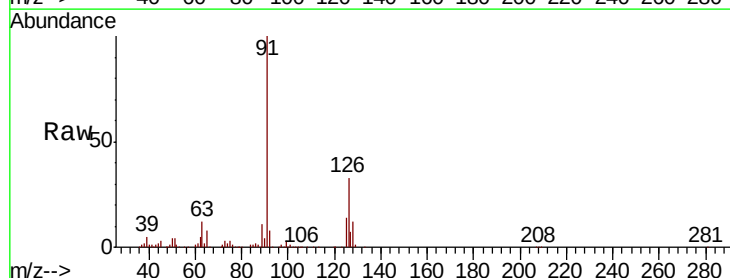
Acq: 10 Sep 2018 14:32

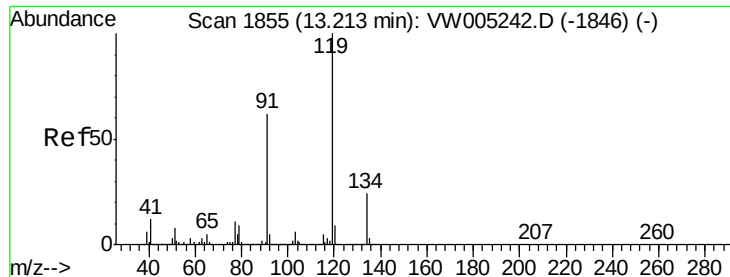
Tgt Ion: 91 Resp: 196110

Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.5





#83

tert-Butylbenzene

Concen: 10.640 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

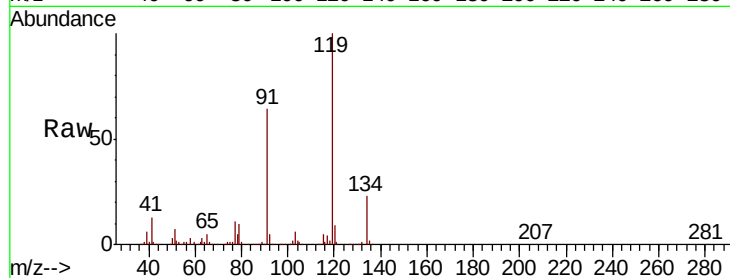
Tgt Ion:119 Resp: 205036

Ion Ratio Lower Upper

119 100

91 60.4 31.7 95.1

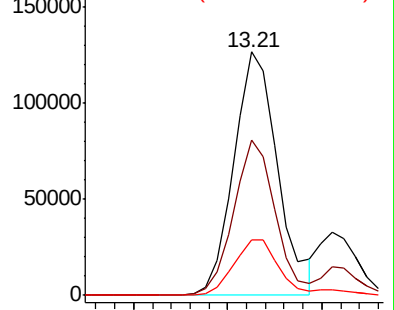
134 24.9 13.0 38.9



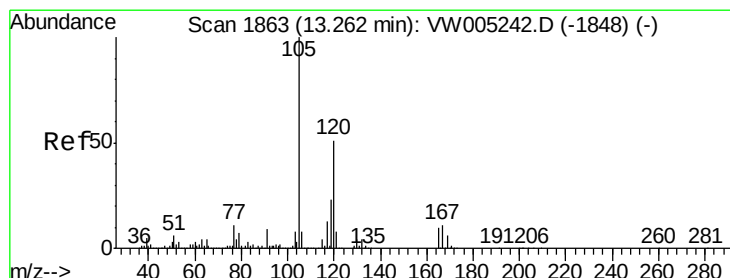
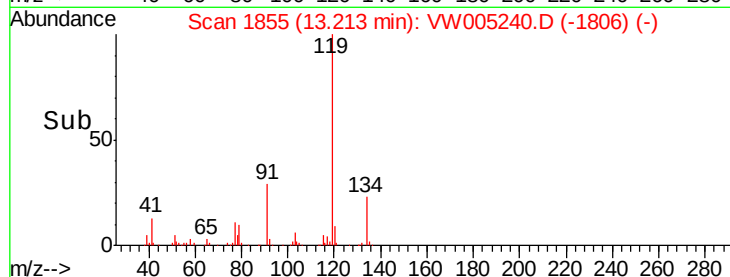
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 10.190 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VW005240.D

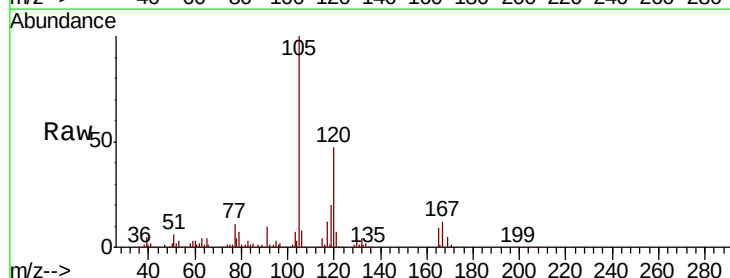
Acq: 10 Sep 2018 14:32

Tgt Ion:105 Resp: 225620

Ion Ratio Lower Upper

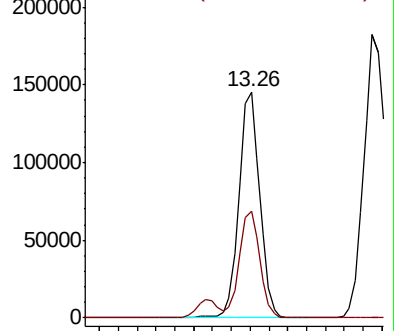
105 100

120 46.8 23.4 70.3

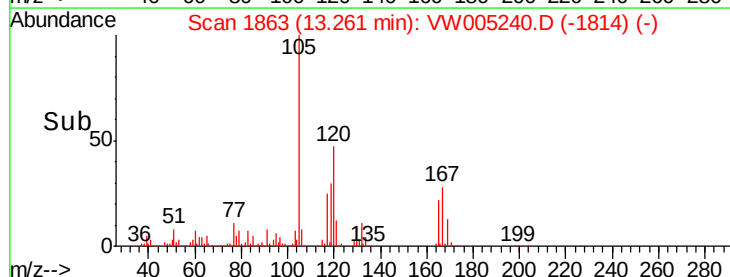


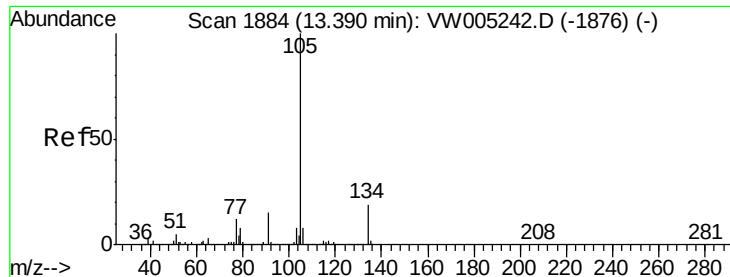
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 10.414 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

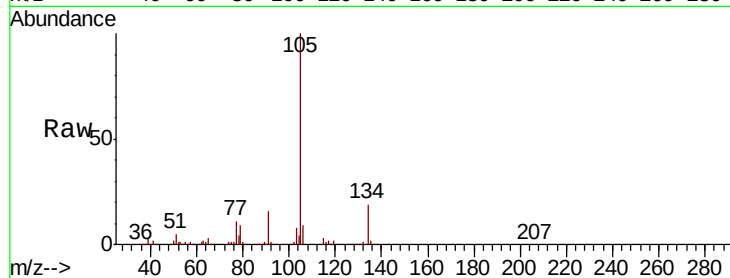
VSTDIC010

Tgt Ion:105 Resp: 288401

Ion Ratio Lower Upper

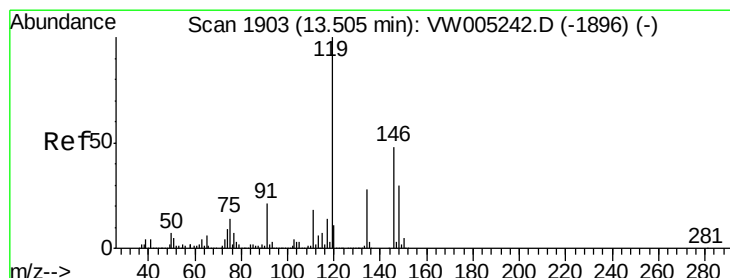
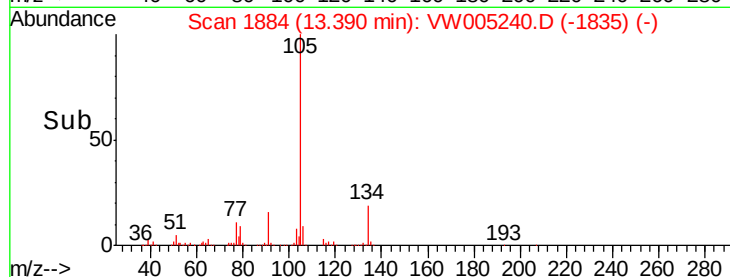
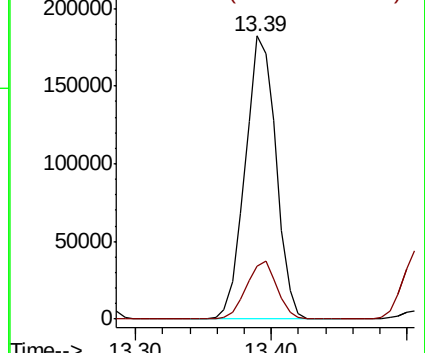
105 100

134 20.2 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.183 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

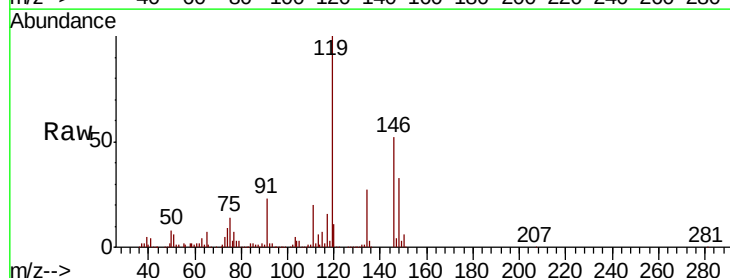
Tgt Ion:119 Resp: 249635

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

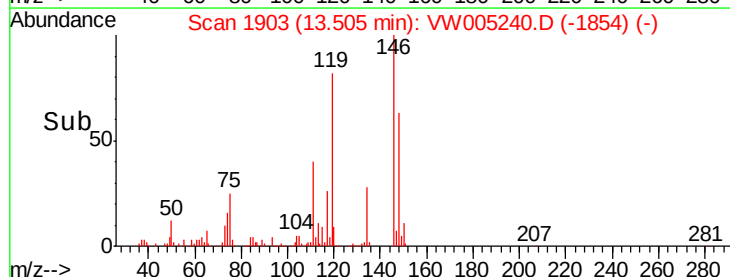
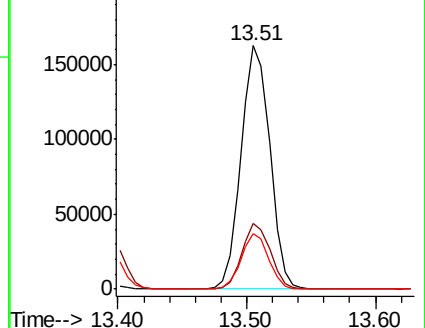
91 21.7 10.7 32.1

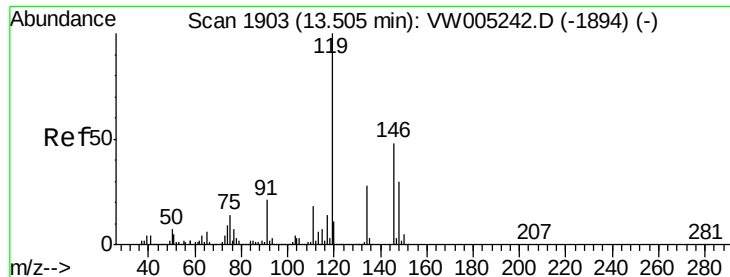


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

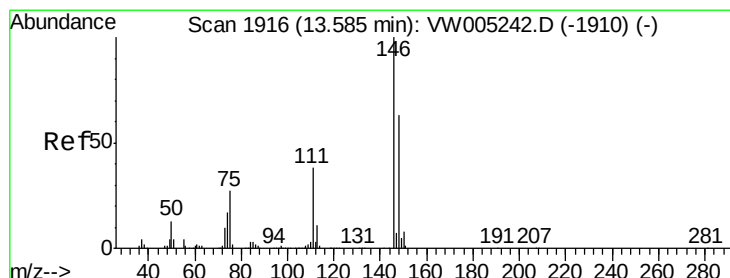
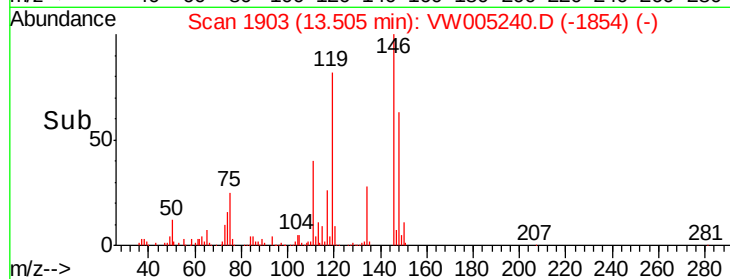
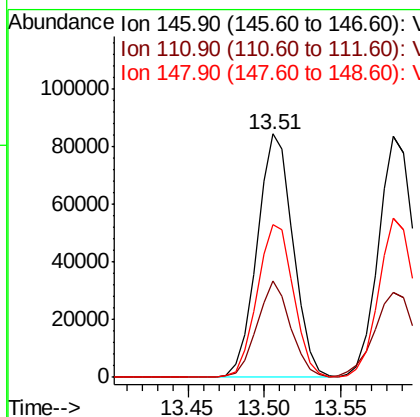
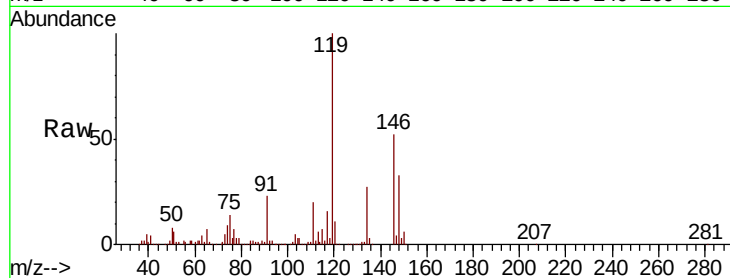




#87
 1,3-Dichlorobenzene
 Concen: 10.759 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

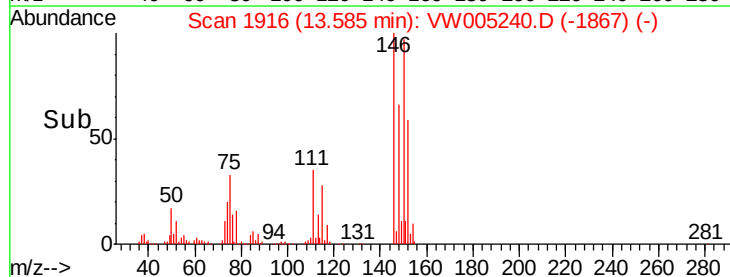
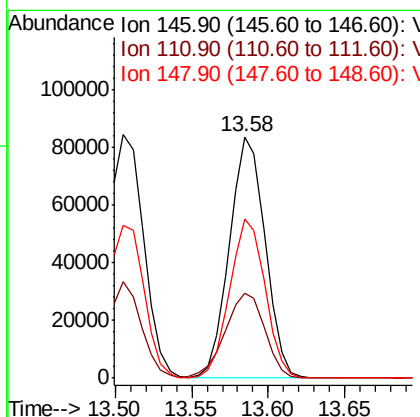
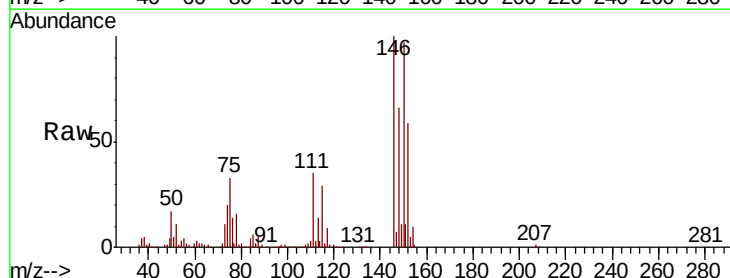
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

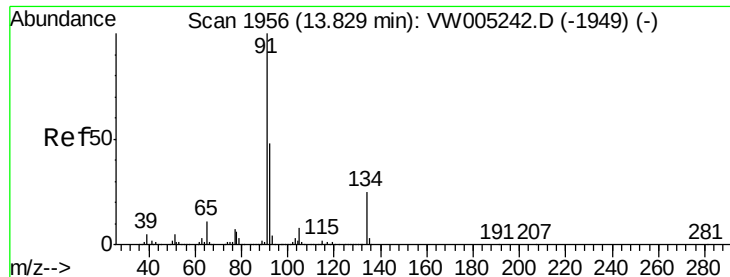
Tgt Ion:146 Resp: 137709
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.8 56.3
 148 63.5 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 10.790 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion:146 Resp: 135653
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.3
 148 65.1 32.3 96.9





#89

n-Butylbenzene

Concen: 9.810 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005240.D

Acq: 10 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

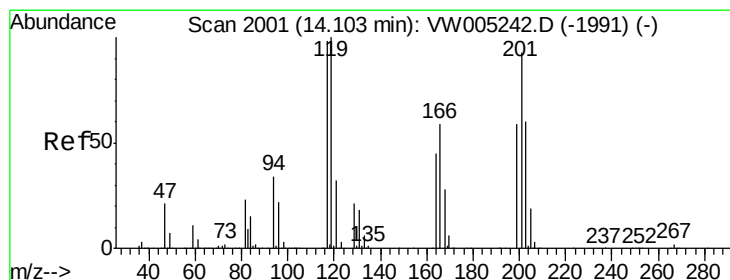
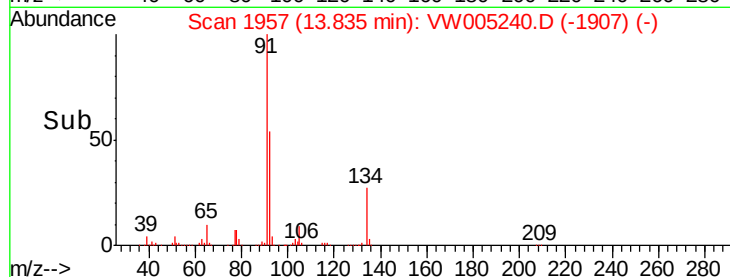
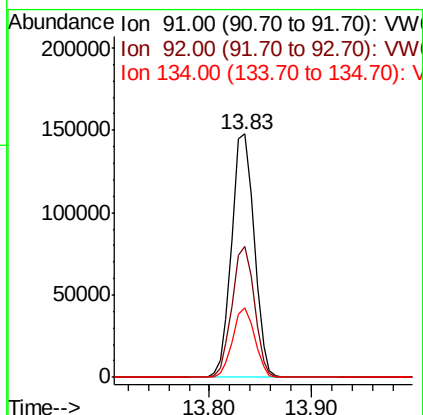
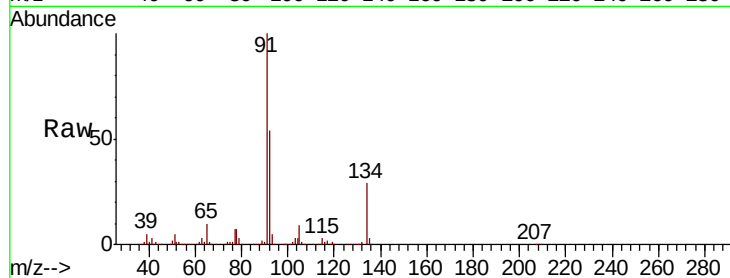
Tgt Ion: 91 Resp: 226095

Ion Ratio Lower Upper

91 100

92 53.3 25.8 77.3

134 27.7 13.6 40.8



#90

Hexachloroethane

Concen: 10.406 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005240.D

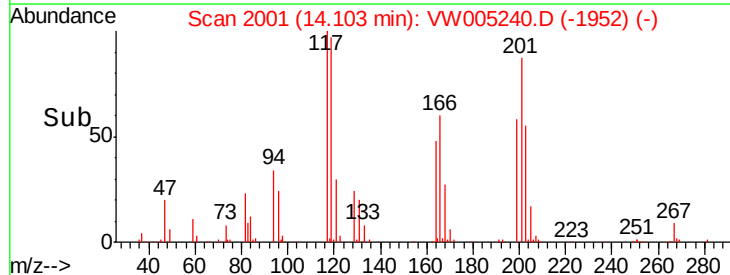
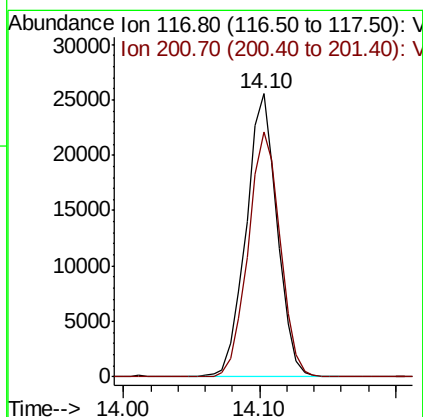
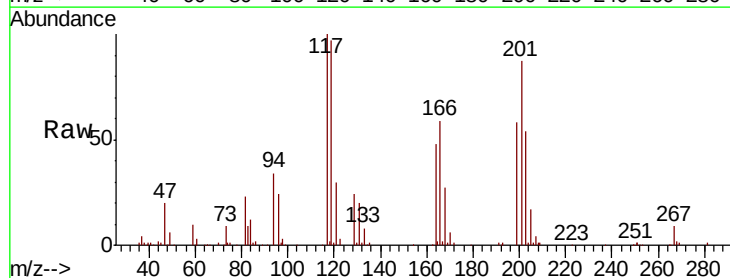
Acq: 10 Sep 2018 14:32

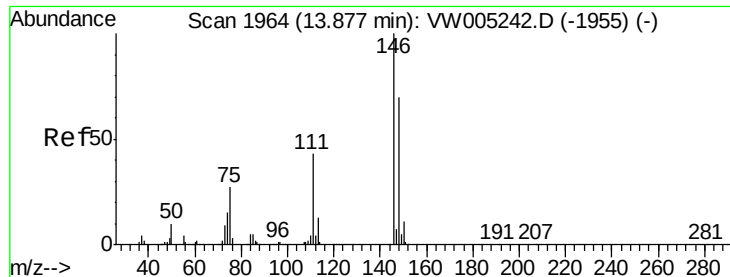
Tgt Ion: 117 Resp: 40873

Ion Ratio Lower Upper

117 100

201 89.0 44.0 132.1

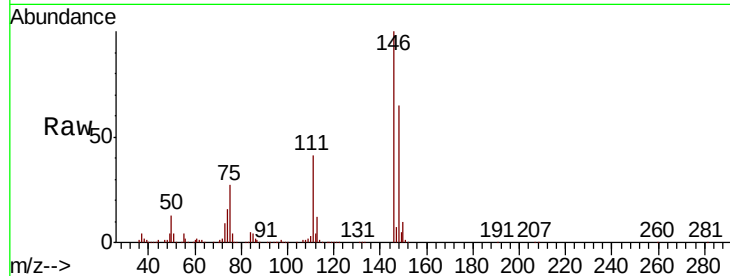




#91
 1,2-Dichlorobenzene
 Concen: 10.758 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.5
148	65.5	32.7	98.1

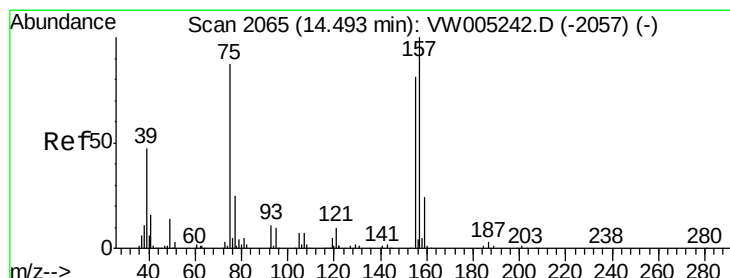
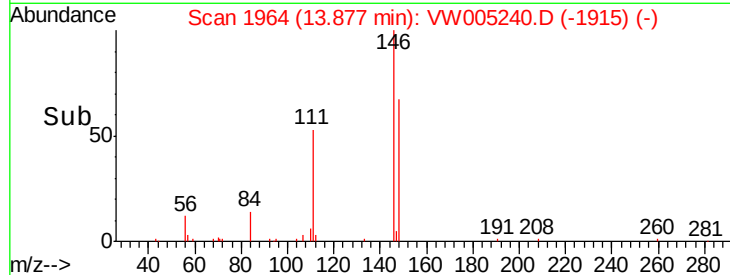
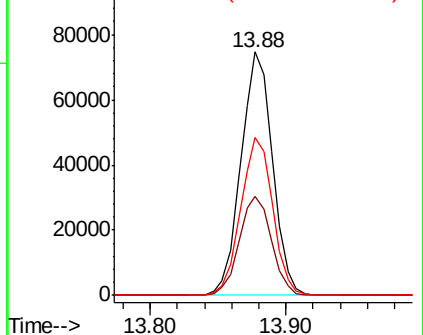


Abundance

Ion 145.90 (145.60 to 146.60): V

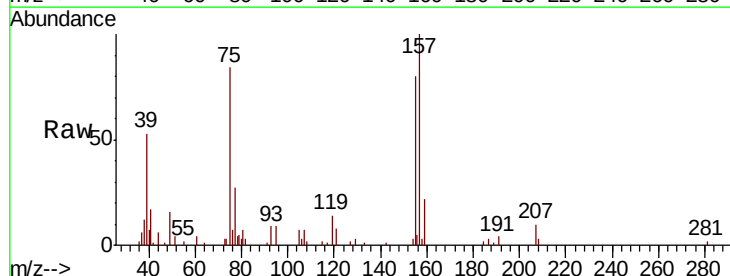
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.788 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	47.4	142.2
157	120.1	59.4	178.2

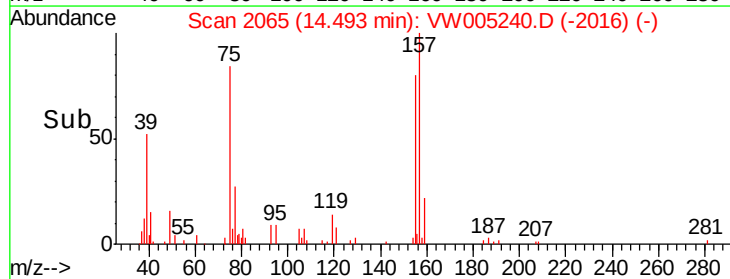
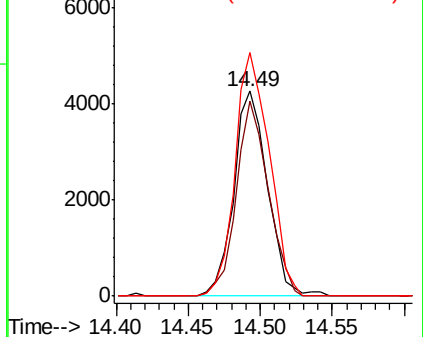


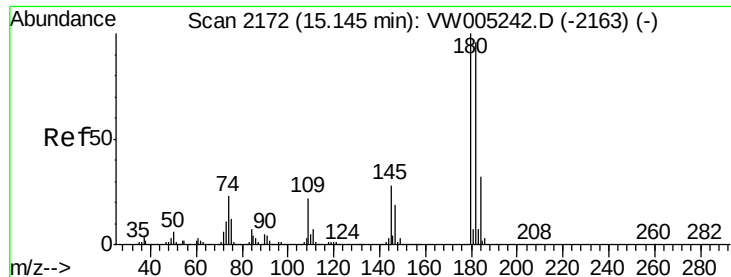
Abundance

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

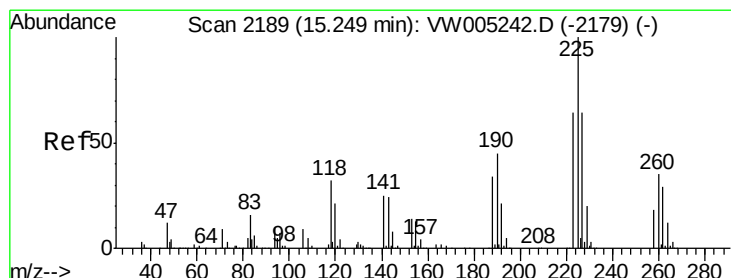
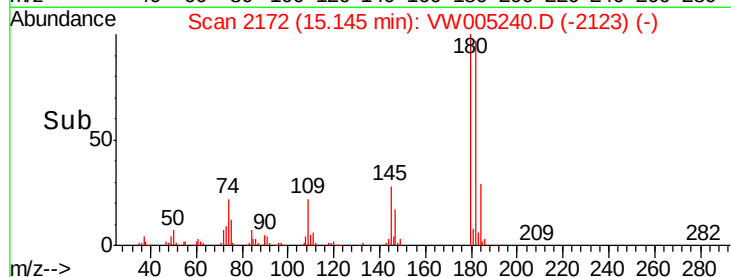
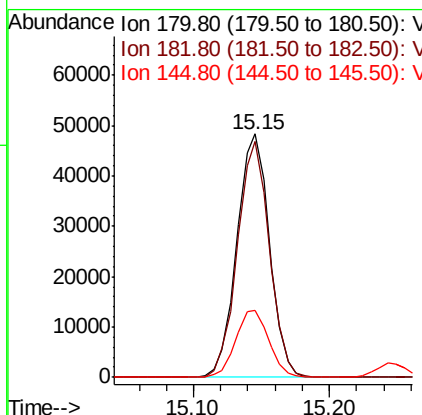
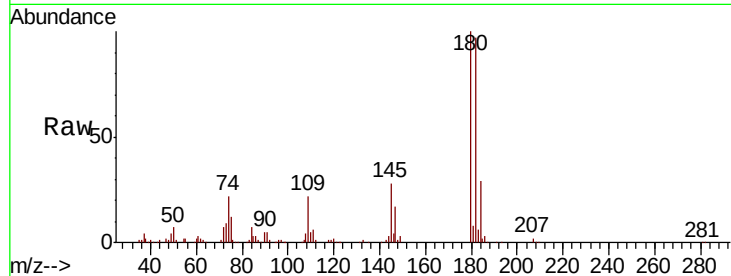




#93
 1,2,4-Trichlorobenzene
 Concen: 10.147 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

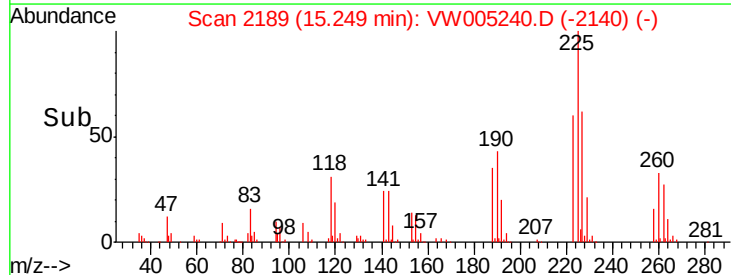
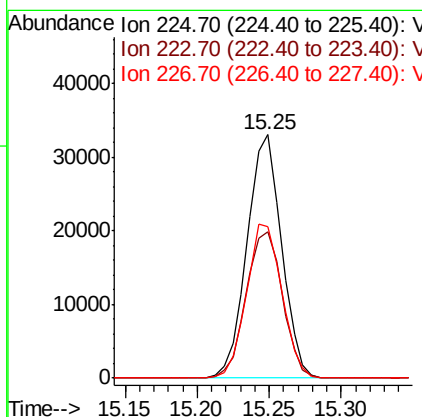
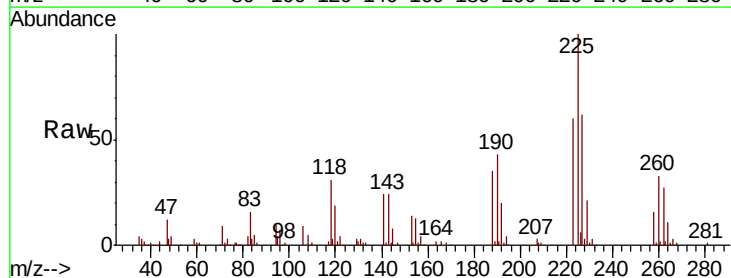
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

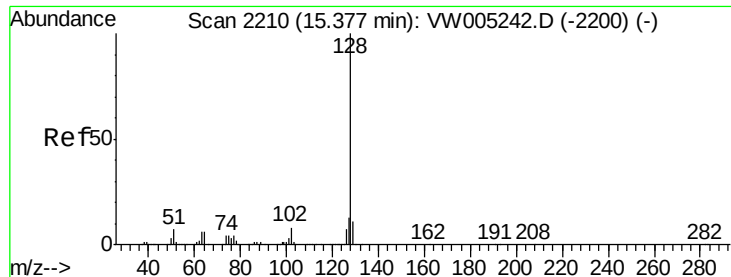
Tgt Ion:180 Resp: 80751
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.1 144.4
 145 28.1 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 10.732 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005240.D
 Acq: 10 Sep 2018 14:32

Tgt Ion:225 Resp: 54691
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.4 94.2
 227 64.8 32.0 96.0

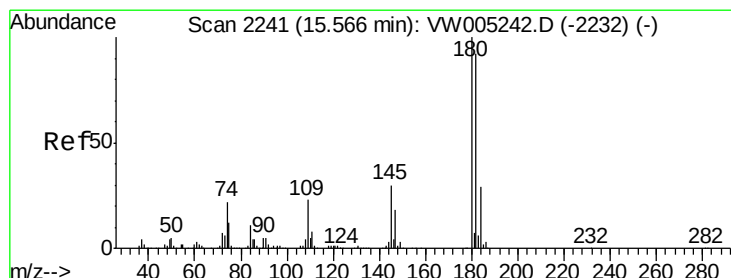
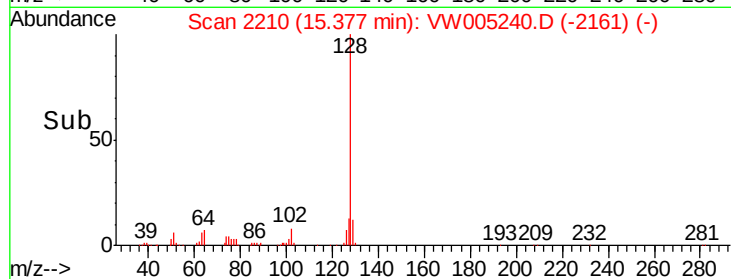
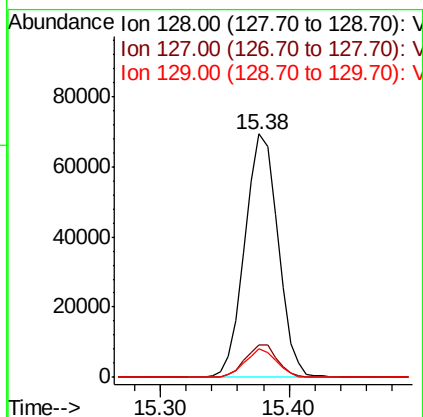
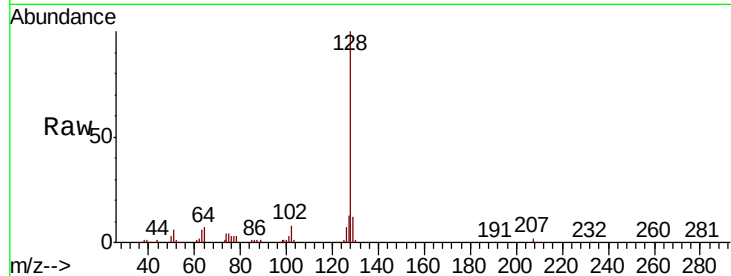




#95
Naphthalene
Concen: 9.602 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 10.268 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005240.D
Acq: 10 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.2	141.6
145	29.9	15.2	45.6

