

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050919\
 Data File : VW010334.D
 Acq On : 09 May 2019 13:02
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: May 09 13:28:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:10:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1375953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2167354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1932264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	939619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	1388732	81.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	163.58%	
35) Dibromofluoromethane	7.88	113	1211751	87.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.88%	
50) Toluene-d8	10.32	98	5036520	97.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.08%	
62) 4-Bromofluorobenzene	12.62	95	1787418	95.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	1045060	99.611	ug/l	100
3) Chloromethane	2.21	50	1391150	132.596	ug/l	98
4) Vinyl Chloride	2.37	62	1702237	139.580	ug/l	97
5) Bromomethane	2.77	94	956490	116.705	ug/l	99
6) Chloroethane	2.92	64	1019403	127.931	ug/l	94
7) Trichlorofluoromethane	3.25	101	906049	107.454	ug/l	95
8) Diethyl Ether	3.67	74	729673	104.032	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	1373296	96.790	ug/l	98
10) Methyl Iodide	4.26	142	1984012	101.186	ug/l	94
11) Tert butyl alcohol	5.18	59	499588	516.533	ug/l	98
12) 1,1-Dichloroethene	4.03	96	1467662	107.897	ug/l	95
13) Acrolein	3.89	56	646601	635.466	ug/l	98
14) Allyl chloride	4.65	41	2231120	92.258	ug/l	90
15) Acrylonitrile	5.36	53	2066709	572.564	ug/l	98
16) Acetone	4.12	43	1868126	474.178	ug/l	94
17) Carbon Disulfide	4.37	76	4491305	120.369	ug/l	100
18) Methyl Acetate	4.66	43	875692	96.039	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	1785358	101.051	ug/l	99
20) Methylene Chloride	4.91	84	1421331	78.418	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	1570773	106.639	ug/l	96
22) Diisopropyl ether	6.31	45	4299971	87.658	ug/l	95
23) Vinyl Acetate	6.25	43	15357830	497.336	ug/l	95
24) 1,1-Dichloroethane	6.21	63	2828779	96.465	ug/l	99
25) 2-Butanone	7.17	43	2943684	568.799	ug/l	97
26) 2,2-Dichloropropane	7.16	77	1387359	85.513	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	1650994	101.915	ug/l	96
28) Bromochloromethane	7.51	49	1009740	84.257	ug/l	100
29) Tetrahydrofuran	7.52	42	1894666	577.780	ug/l	96
30) Chloroform	7.67	83	2628979	89.471	ug/l	98
31) Cyclohexane	7.95	56	2851748	103.851	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	2039577	88.418	ug/l	98
36) 1,1-Dichloropropene	8.08	75	2306349	104.175	ug/l	100
37) Ethyl Acetate	7.25	43	1239098	110.143	ug/l	97
38) Carbon Tetrachloride	8.07	117	1975308	91.420	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	3008861	120.776	ug/l	97
40) Benzene	8.32	78	6268484	103.553	ug/l	99
41) Methacrylonitrile	7.48	41	735839	114.766	ug/l	95
42) 1,2-Dichloroethane	8.40	62	1772902	85.222	ug/l	97
43) Isopropyl Acetate	8.43	43	2149199	101.949	ug/l	99
44) Trichloroethene	9.09	130	1591515	103.513	ug/l	97
45) 1,2-Dichloropropane	9.37	63	1572775	98.845	ug/l	98
46) Dibromomethane	9.46	93	796653	96.601	ug/l	98
47) Bromodichloromethane	9.65	83	1962466	92.184	ug/l	99
48) Methyl methacrylate	9.43	41	1034689	100.829	ug/l	86
49) 1,4-Dioxane	9.45	88	298170	2366.228	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	6077807	550.459	ug/l	93
52) Toluene	10.39	92	3919840	103.953	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	2087711	98.913	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	2448751	101.604	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	1130684	98.231	ug/l	98
56) Ethyl methacrylate	10.65	69	1707282	119.312	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	2064413	100.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	3937719	597.546	ug/l	100
59) 2-Hexanone	10.97	43	4386029	570.654	ug/l	91
60) Dibromochloromethane	11.13	129	1274873	95.828	ug/l	100
61) 1,2-Dibromoethane	11.24	107	1113043	101.651	ug/l	98
64) Tetrachloroethene	10.86	164	1343563	107.111	ug/l	98
65) Chlorobenzene	11.66	112	3918005	99.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	1348988	95.383	ug/l	98
67) Ethyl Benzene	11.73	91	7478527	105.987	ug/l	97
68) m/p-Xylenes	11.84	106	5579852	211.551	ug/l	96
69) o-Xylene	12.16	106	2595254	108.062	ug/l	97
70) Styrene	12.18	104	4513008	108.987	ug/l	98
71) Bromoform	12.35	173	780024	104.302	ug/l #	98
73) Isopropylbenzene	12.46	105	7245631	110.797	ug/l	99
74) N-amyl acetate	12.27	43	1944546	107.374	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	1476179	114.255	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	1950117	207.367	ug/l #	100
77) Bromobenzene	12.75	156	1566572	104.160	ug/l	98
78) n-propylbenzene	12.80	91	8750489	107.964	ug/l	99
79) 2-Chlorotoluene	12.90	91	4920439	105.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	6027798	108.712	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	520334	130.466	ug/l	90
82) 4-Chlorotoluene	12.99	91	5109817	104.156	ug/l	100
83) tert-Butylbenzene	13.21	119	5295020	115.317	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	5954716	105.924	ug/l	99
85) sec-Butylbenzene	13.38	105	7448669	108.553	ug/l	99
86) p-Isopropyltoluene	13.50	119	6663835	110.182	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	3076665	101.197	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	2993292	98.637	ug/l	99
89) n-Butylbenzene	13.83	91	6682129	111.518	ug/l	97
90) Hexachloroethane	14.10	117	1210964	104.539	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	2699143	99.014	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	269323	116.482	ug/l	92

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QLast Update : Thu May 09 13:10:52 2019
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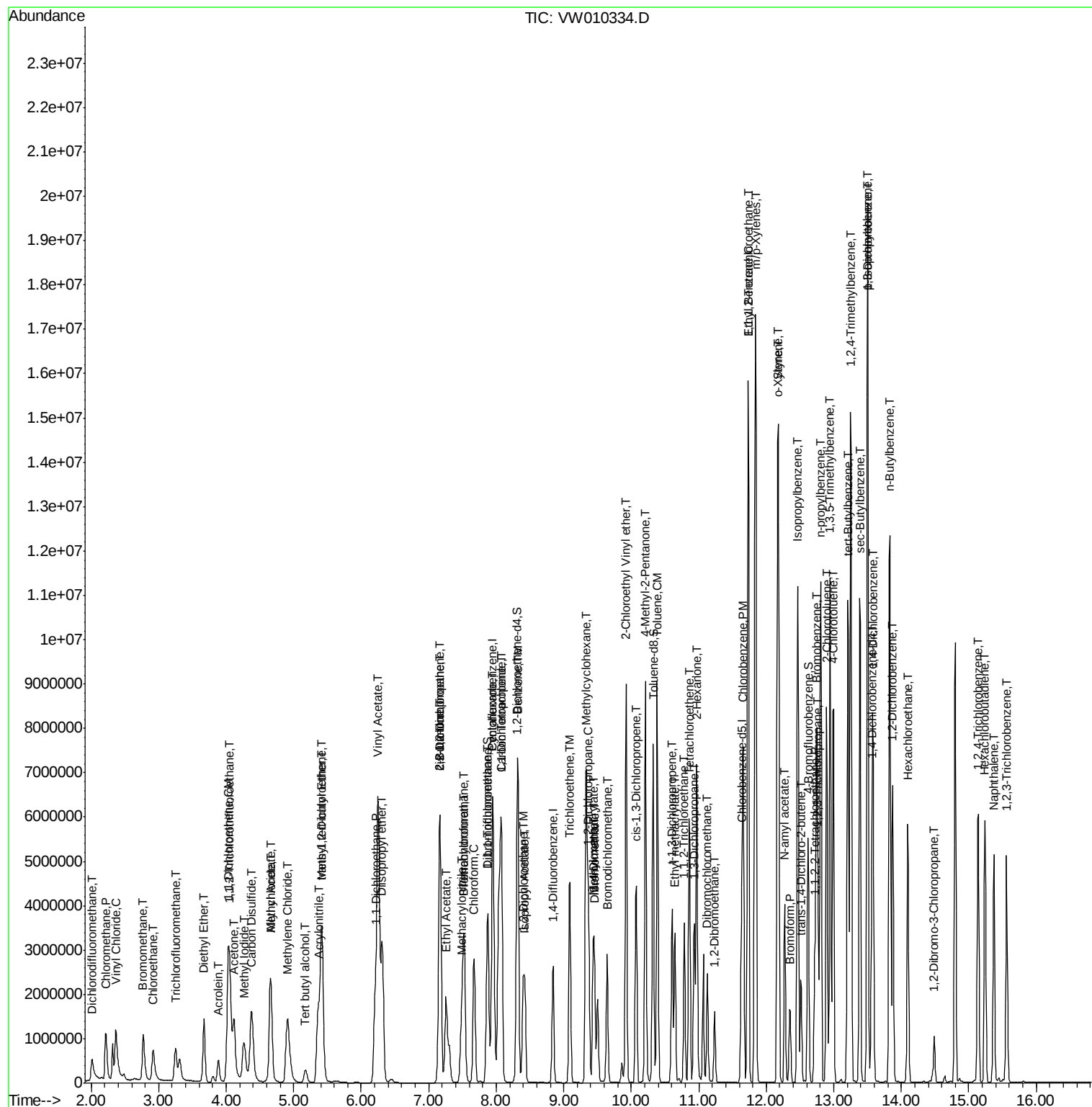
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	1952271	108.555	ug/l	99
94) Hexachlorobutadiene	15.24	225	1219574	111.673	ug/l	100
95) Naphthalene	15.37	128	4254850	131.779	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	1754554	112.450	ug/l	99

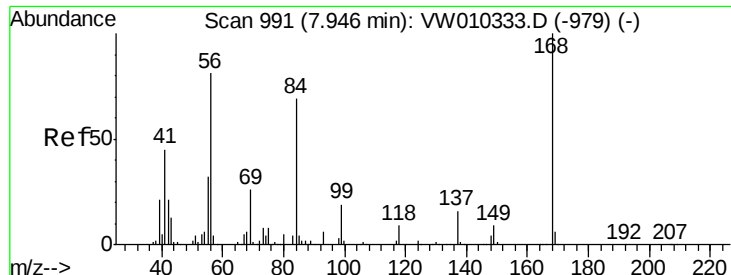
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 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC100

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

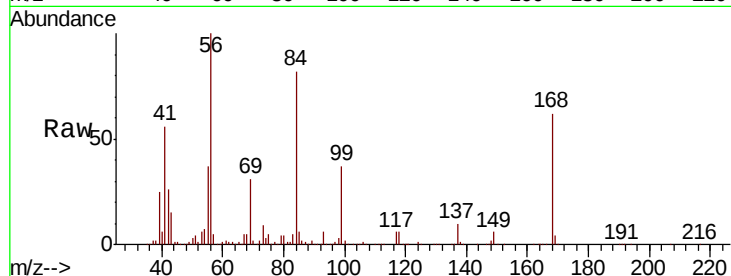
VSTDIC100

Tgt Ion:168 Resp: 1375953

Ion Ratio Lower Upper

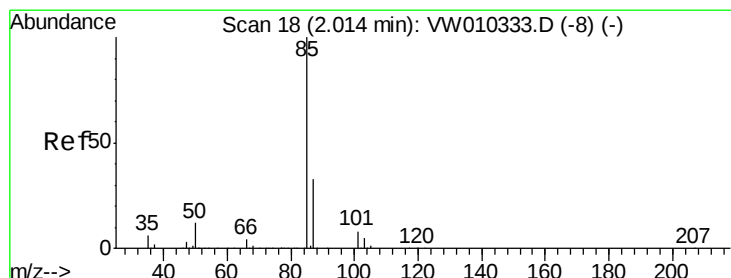
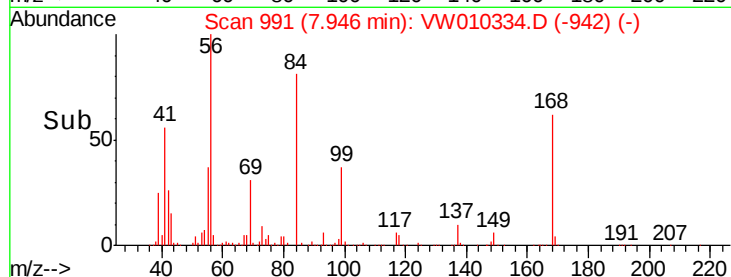
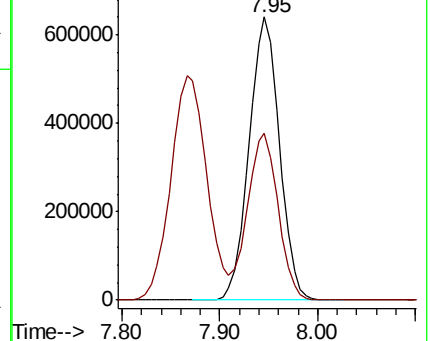
168 100

99 59.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 99.611 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010334.D

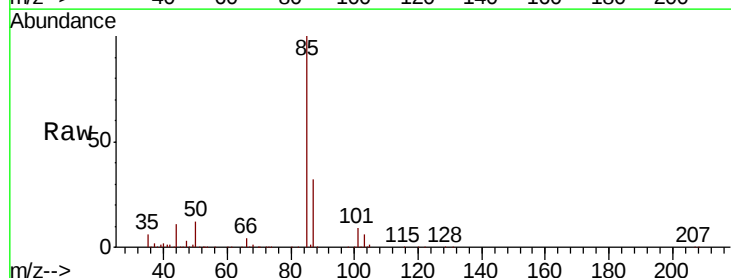
Acq: 09 May 2019 13:02

Tgt Ion: 85 Resp: 1045060

Ion Ratio Lower Upper

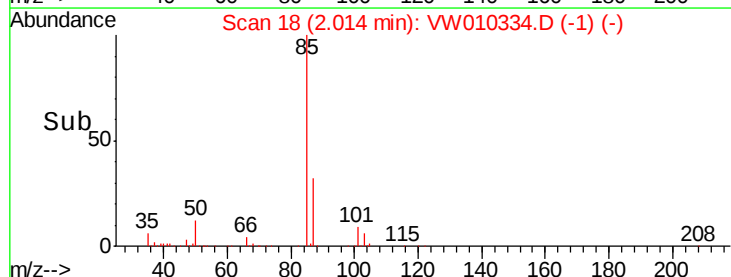
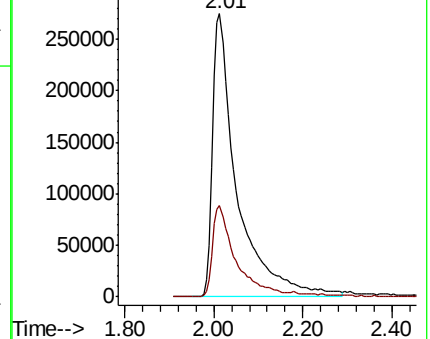
85 100

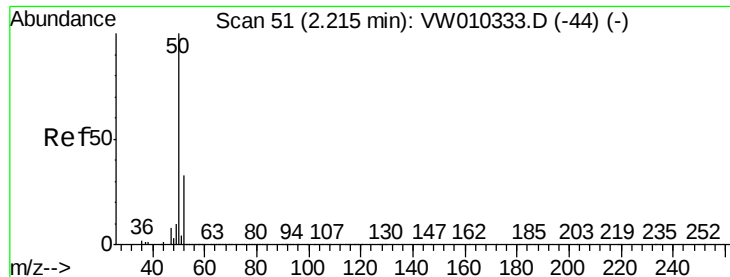
87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 132.596 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

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ClientSampleId :

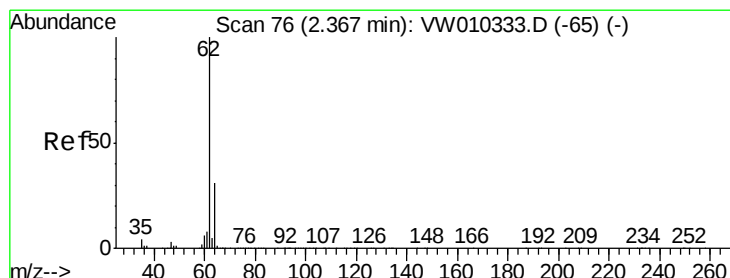
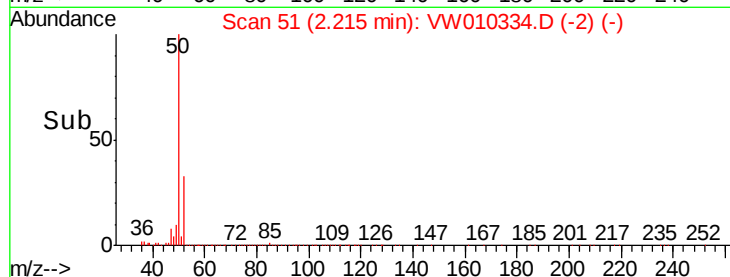
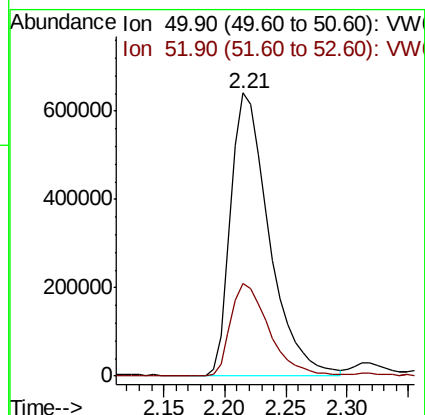
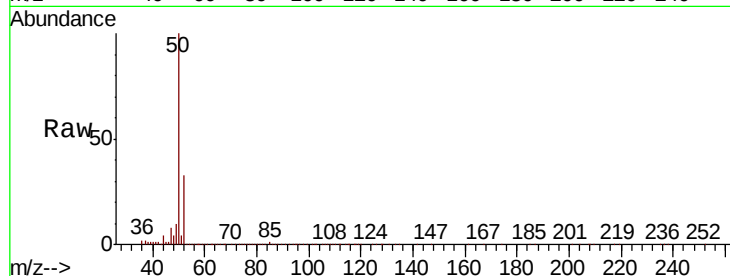
VSTDICC100

Tgt Ion: 50 Resp: 1391150

Ion Ratio Lower Upper

50 100

52 32.7 25.0 37.6



#4

Vinyl Chloride

Concen: 139.580 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW010334.D

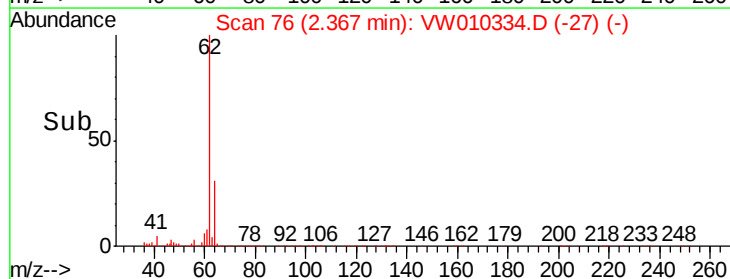
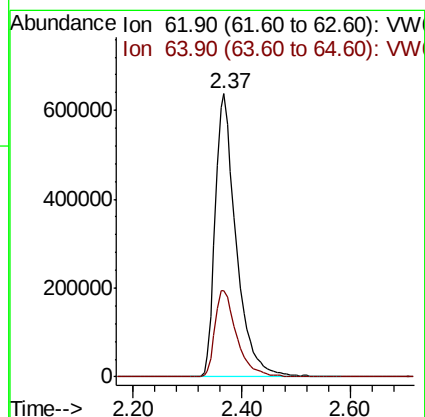
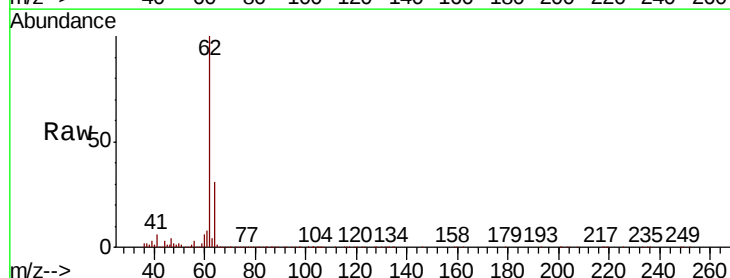
Acq: 09 May 2019 13:02

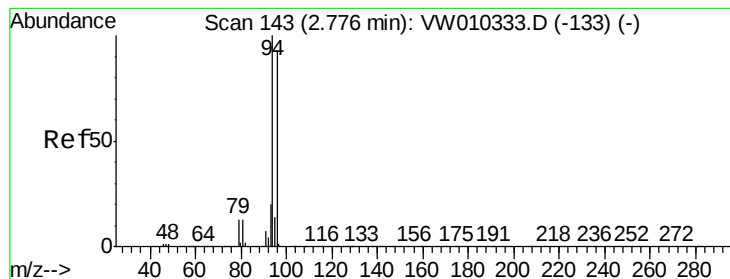
Tgt Ion: 62 Resp: 1702237

Ion Ratio Lower Upper

62 100

64 30.7 25.9 38.9





#5

Bromomethane

Concen: 116.705 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

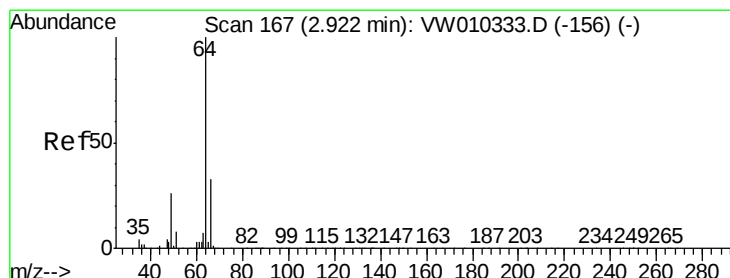
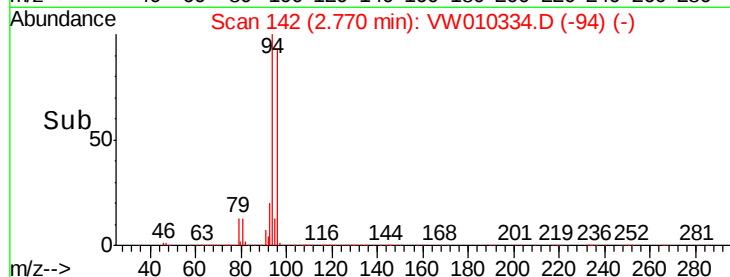
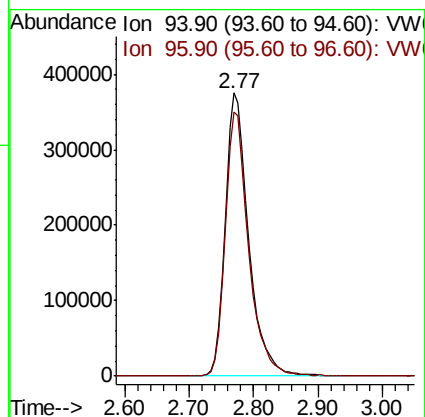
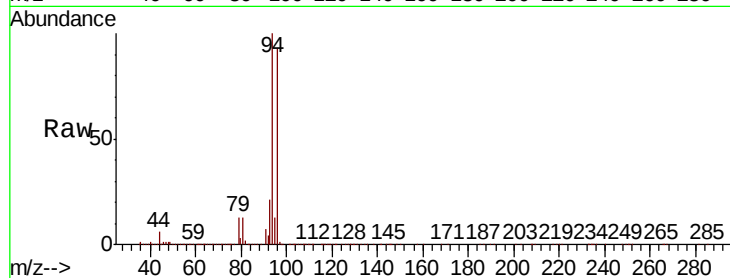
VSTDIC100

Tgt Ion: 94 Resp: 956490

Ion Ratio Lower Upper

94 100

96 93.5 74.2 111.2



#6

Chloroethane

Concen: 127.931 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW010334.D

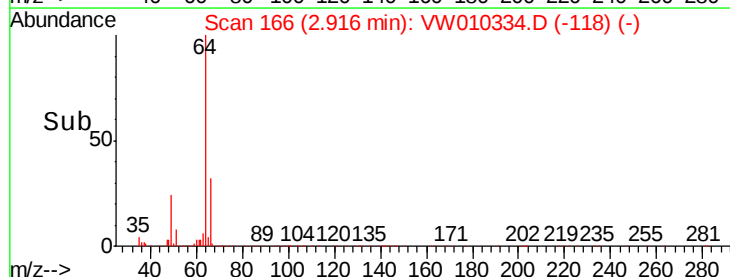
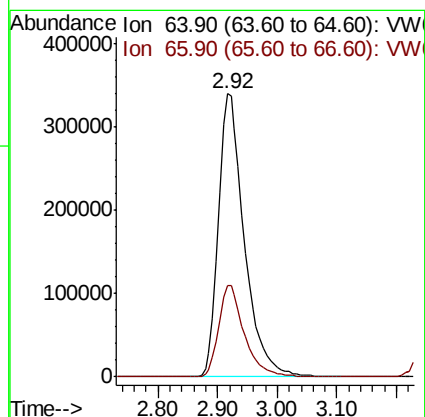
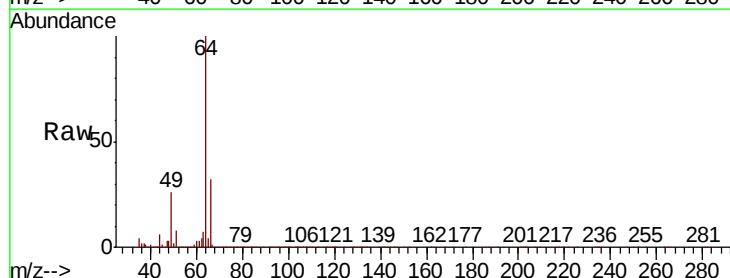
Acq: 09 May 2019 13:02

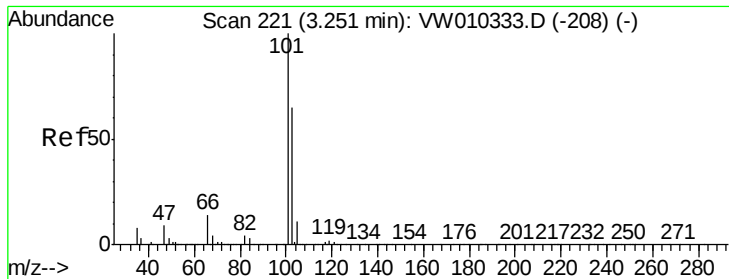
Tgt Ion: 64 Resp: 1019403

Ion Ratio Lower Upper

64 100

66 32.4 23.4 35.0



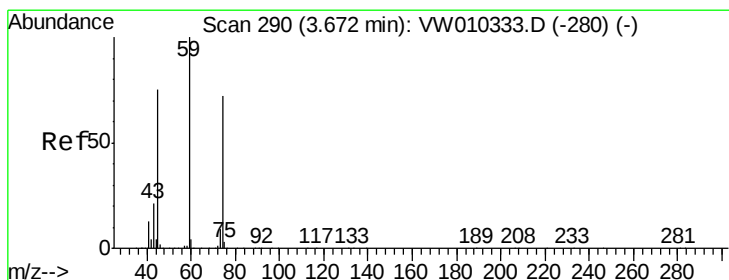
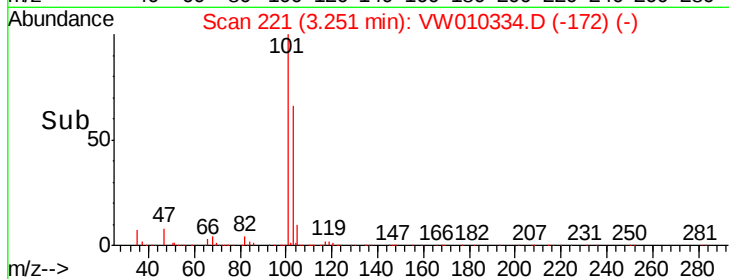
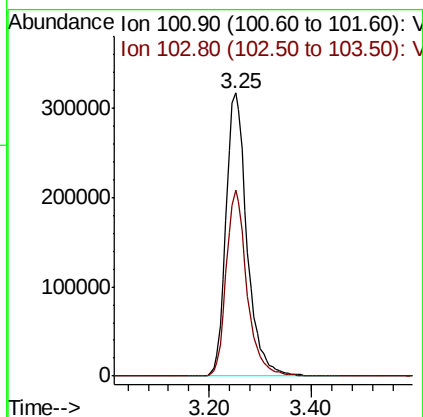
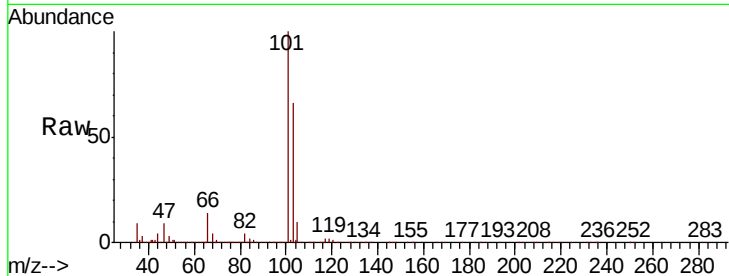


#7

Trichlorofluoromethane
Concen: 107.454 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

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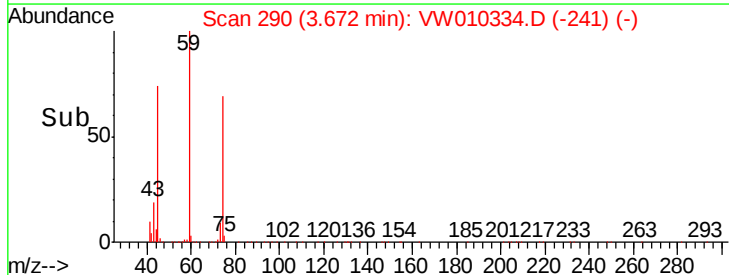
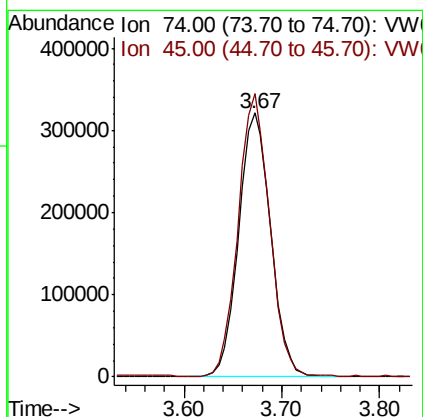
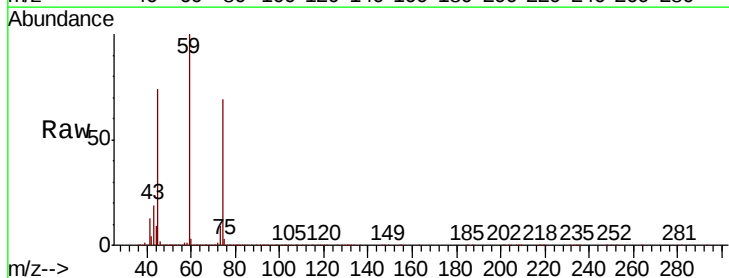
Tgt Ion: 101 Resp: 906049
Ion Ratio Lower Upper
101 100
103 65.8 49.8 74.6

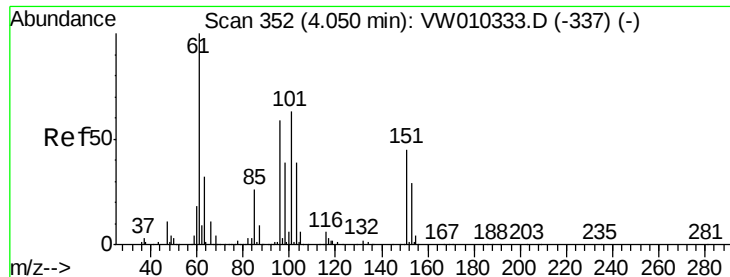


#8

Diethyl Ether
Concen: 104.032 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion: 74 Resp: 729673
Ion Ratio Lower Upper
74 100
45 105.0 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.790 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW010334.D

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VSTDIC100

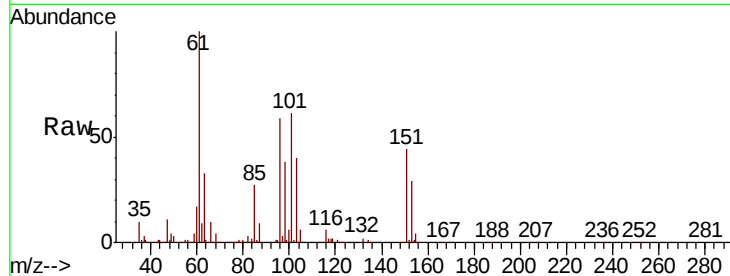
Tgt Ion:101 Resp: 1373296

Ion Ratio Lower Upper

101 100

85 44.1 36.3 54.5

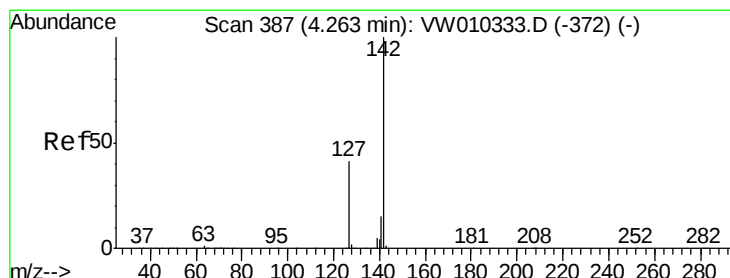
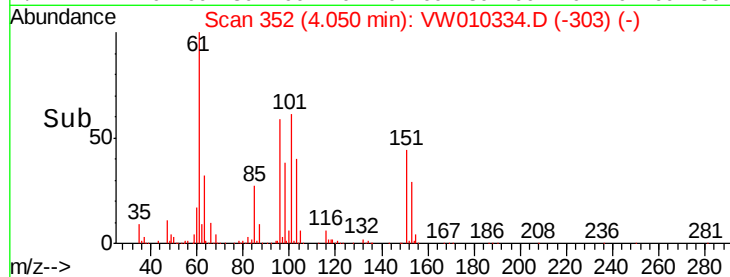
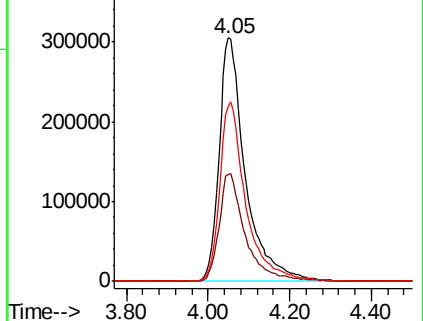
151 73.3 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 101.186 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

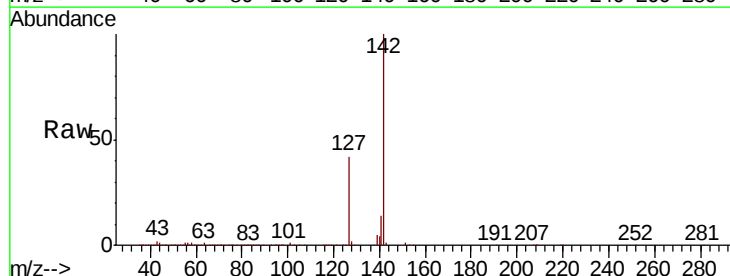
Tgt Ion:142 Resp: 1984012

Ion Ratio Lower Upper

142 100

127 42.4 38.1 57.1

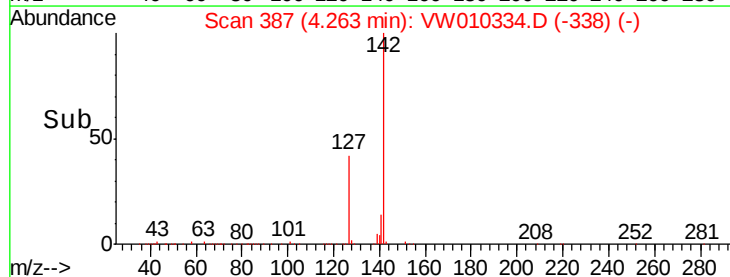
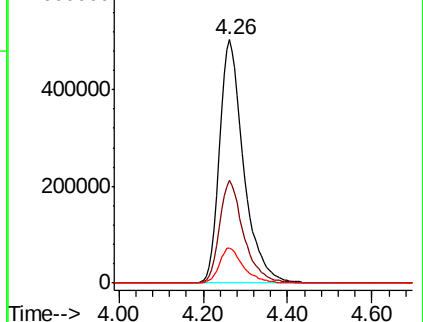
141 14.4 12.2 18.2

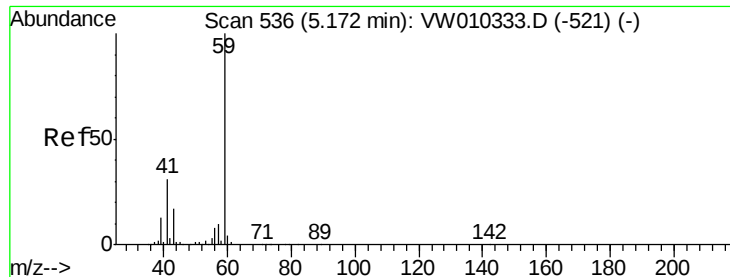


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



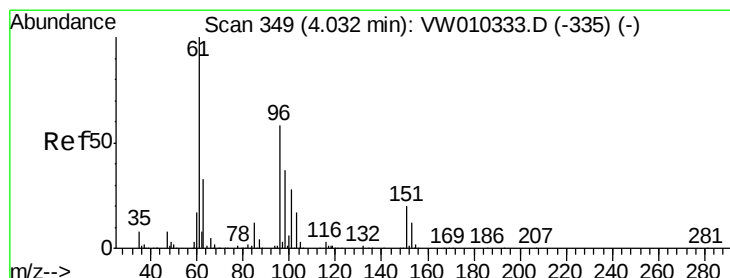
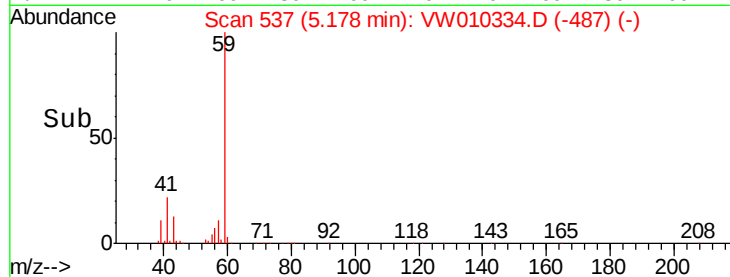
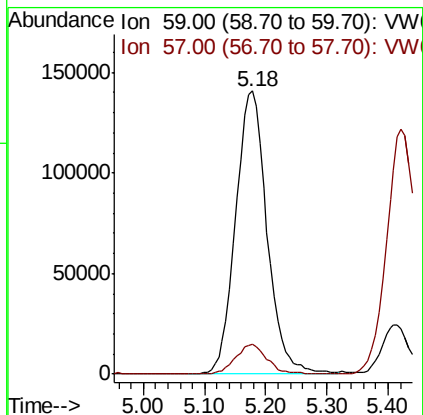
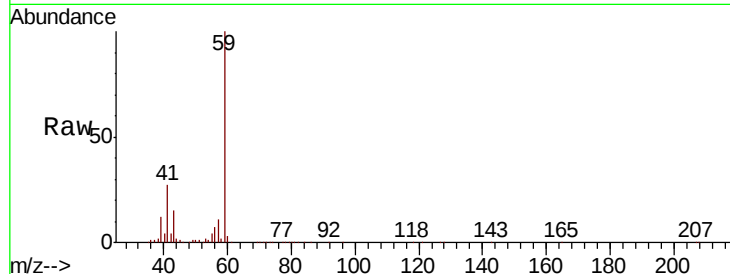


#11

Tert butyl alcohol
Concen: 516.533 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

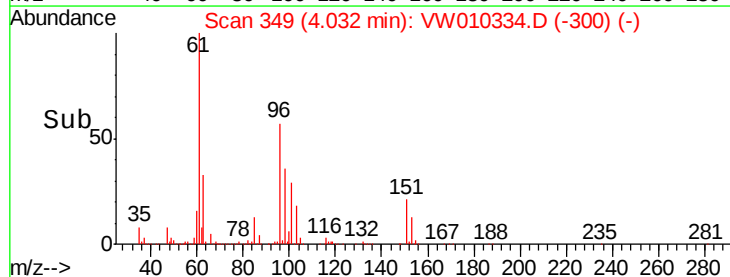
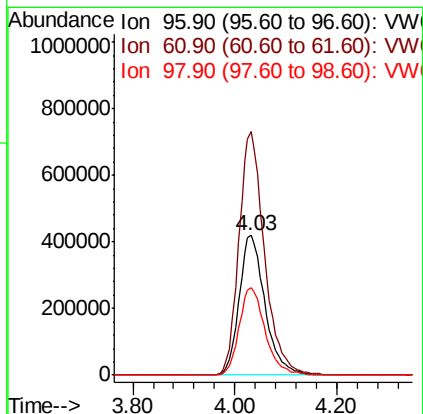
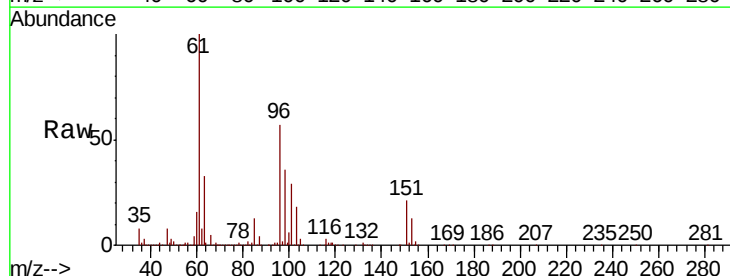
Tgt Ion: 59 Resp: 499588
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

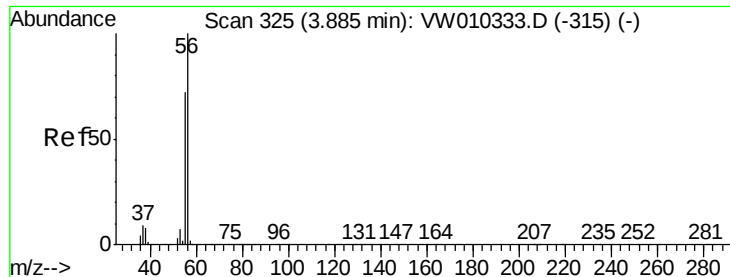


#12

1,1-Dichloroethene
Concen: 107.897 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion: 96 Resp: 1467662
Ion Ratio Lower Upper
96 100
61 174.7 147.4 221.2
98 62.6 49.7 74.5





#13

Acrolein

Concen: 635.466 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

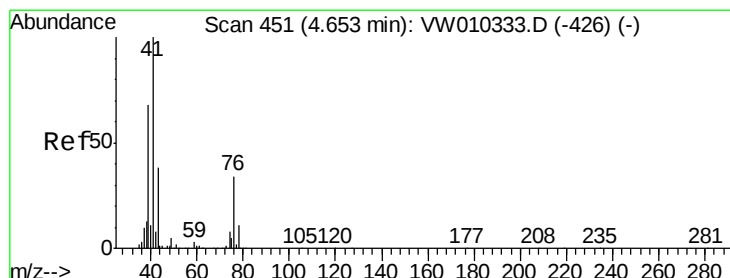
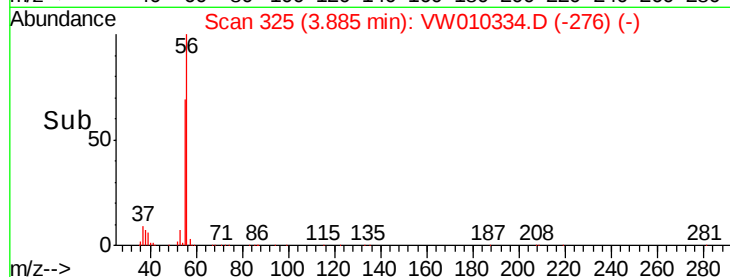
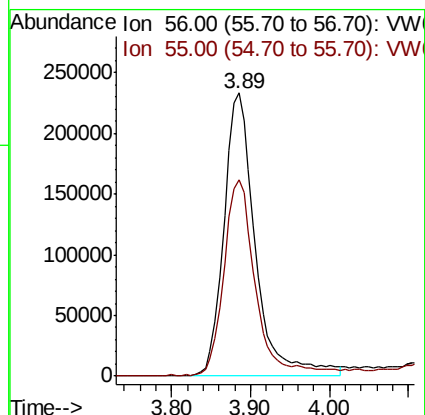
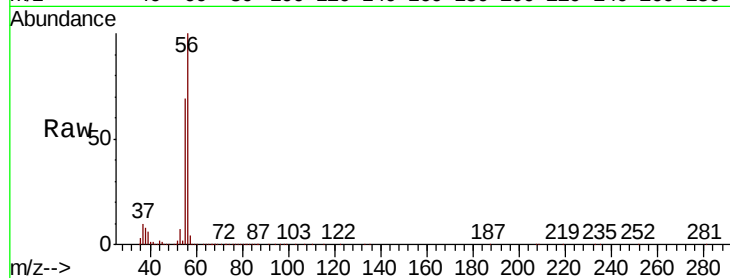
VSTDIC100

Tgt Ion: 56 Resp: 646601

Ion Ratio Lower Upper

56 100

55 69.7 54.2 81.2



#14

Allyl chloride

Concen: 92.258 ug/l

RT: 4.65 min Scan# 451

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

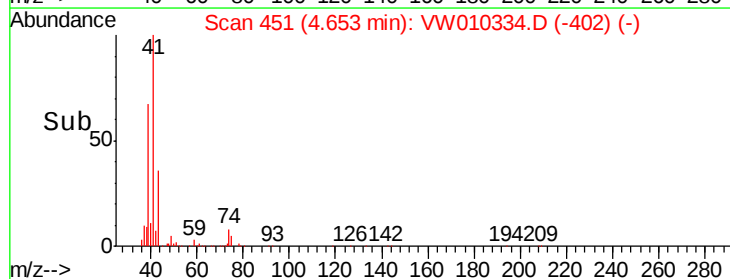
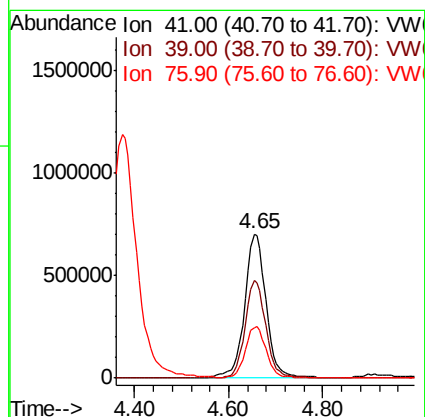
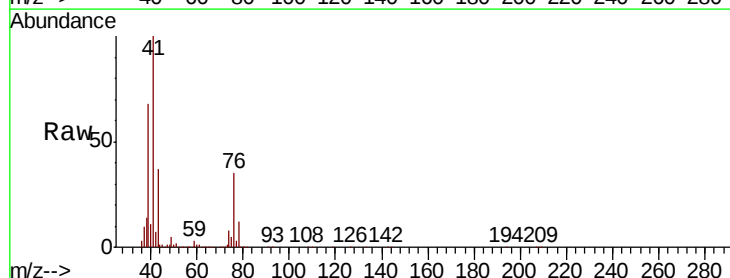
Tgt Ion: 41 Resp: 2231120

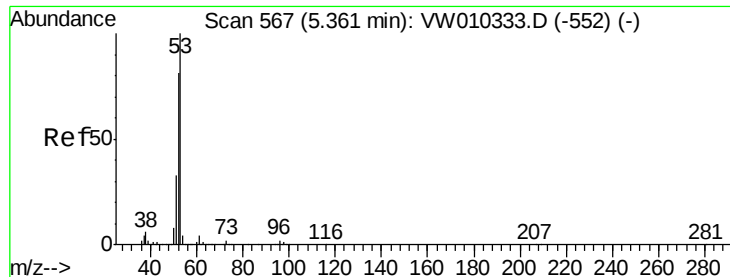
Ion Ratio Lower Upper

41 100

39 65.6 60.2 90.4

76 34.8 25.0 37.6





#15

Acrylonitrile

Concen: 572.564 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

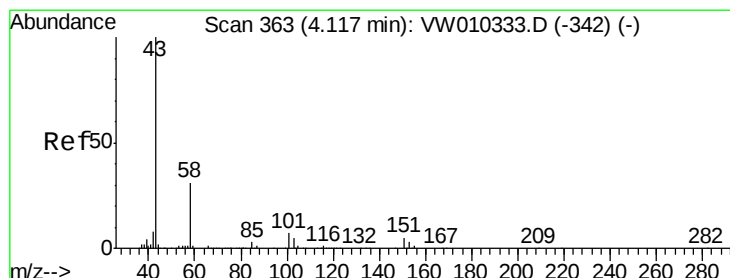
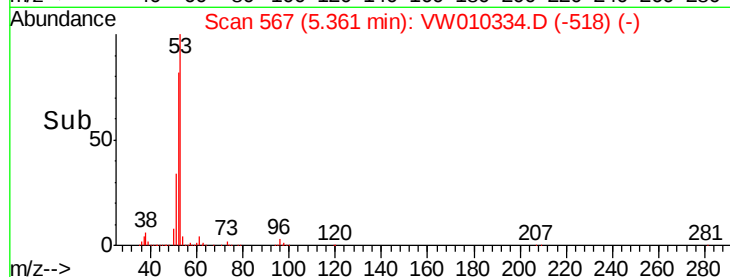
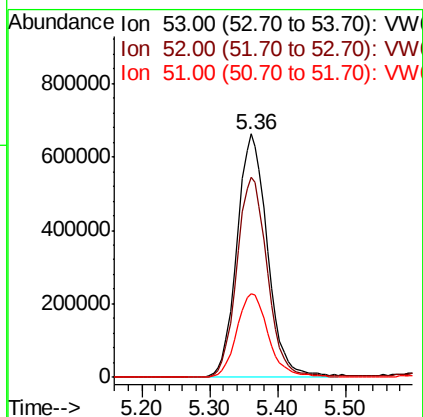
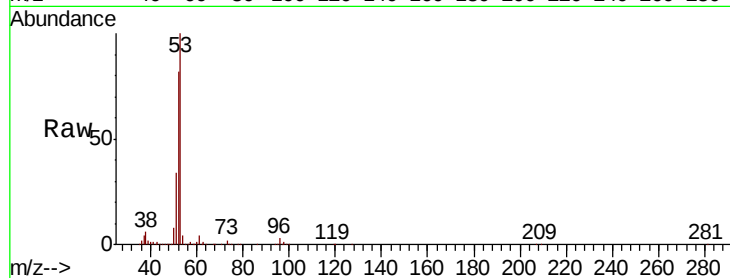
Tgt Ion: 53 Resp: 2066709

Ion Ratio Lower Upper

53 100

52 82.3 66.6 100.0

51 35.8 30.3 45.5



#16

Acetone

Concen: 474.178 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010334.D

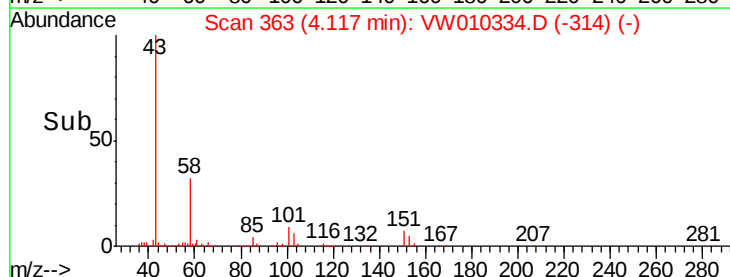
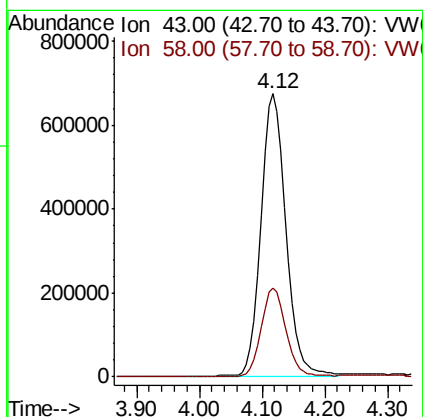
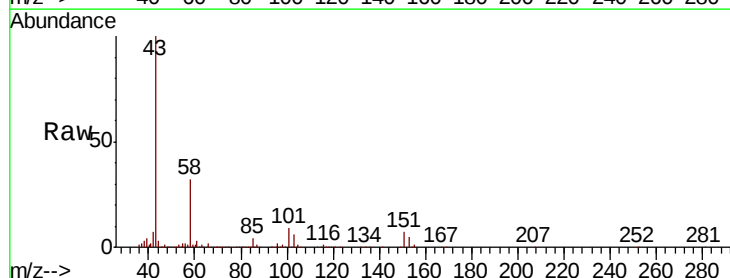
Acq: 09 May 2019 13:02

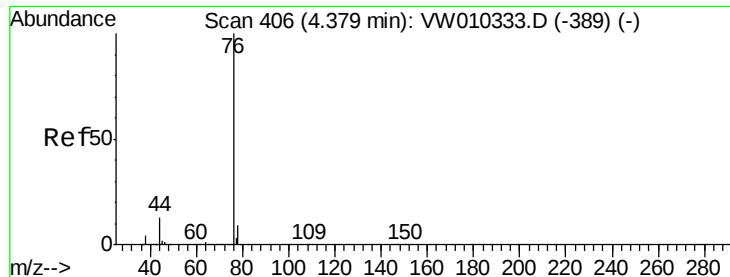
Tgt Ion: 43 Resp: 1868126

Ion Ratio Lower Upper

43 100

58 31.5 22.7 34.1

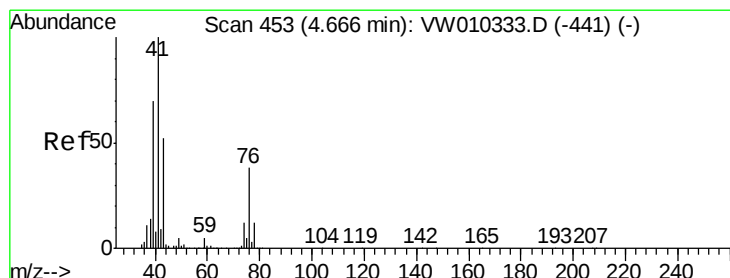
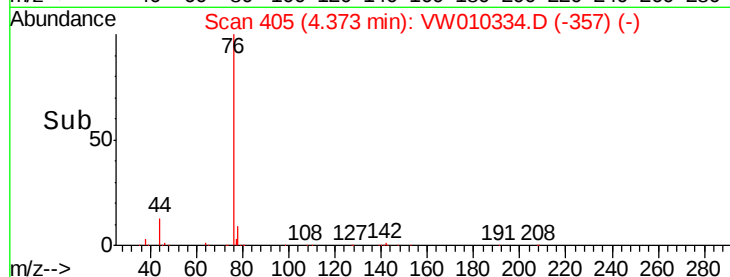
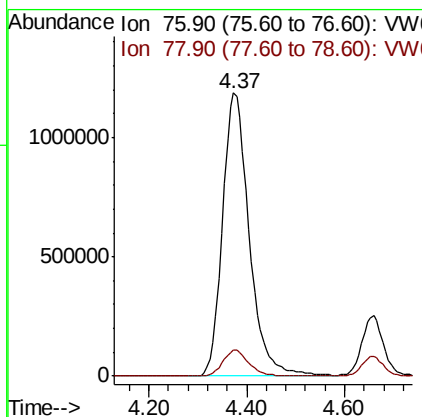
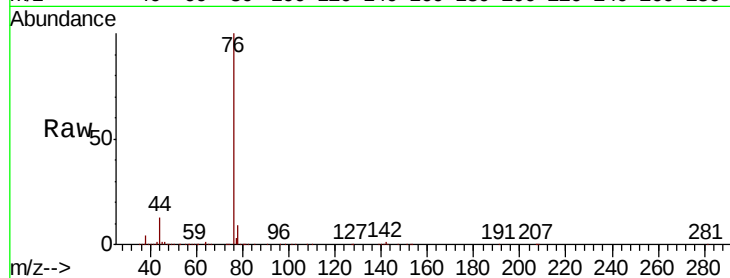




#17
Carbon Disulfide
Concen: 120.369 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

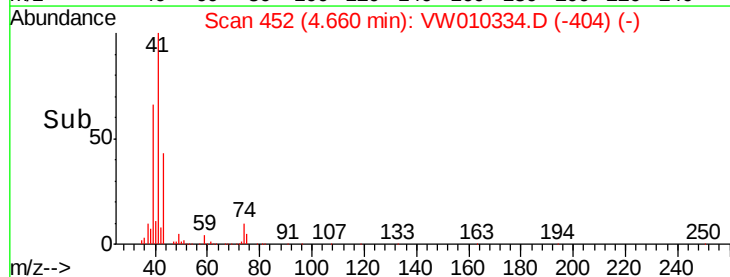
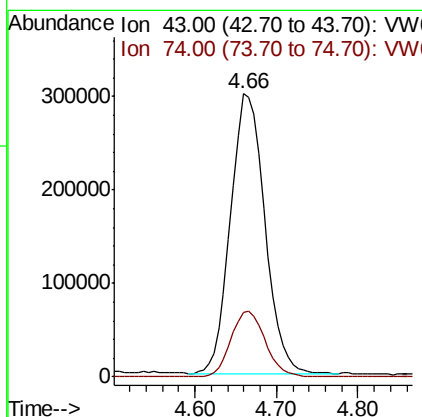
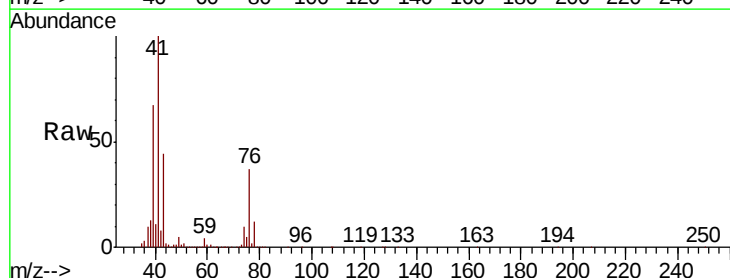
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

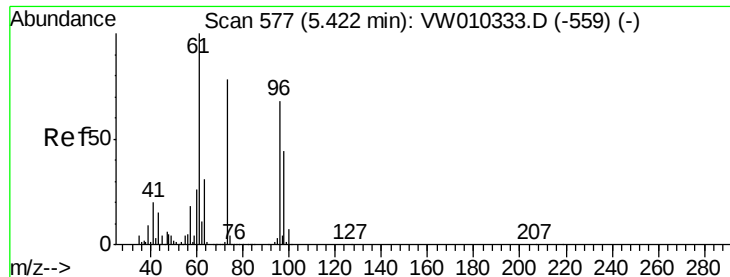
Tgt Ion: 76 Resp: 4491305
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 96.039 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion: 43 Resp: 875692
Ion Ratio Lower Upper
43 100
74 23.5 16.8 25.2

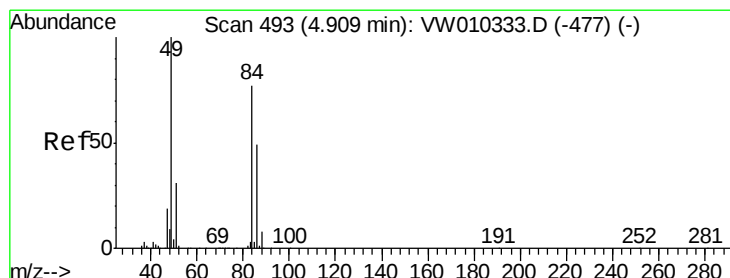
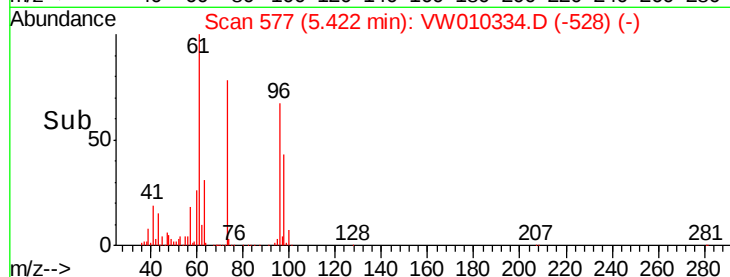
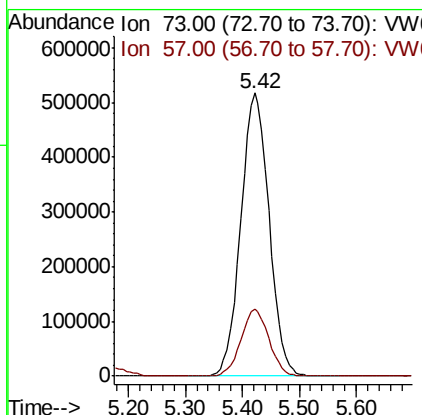
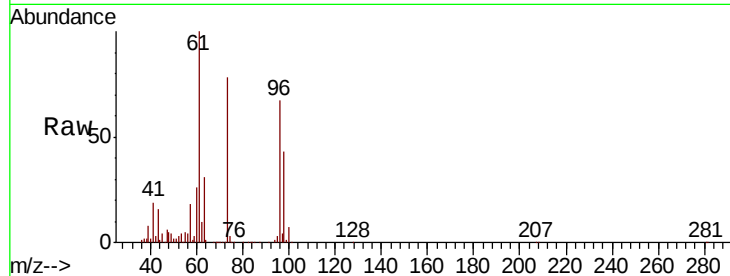




#19
Methyl tert-butyl Ether
Concen: 101.051 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

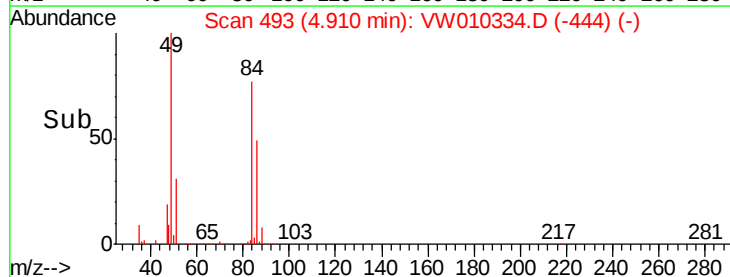
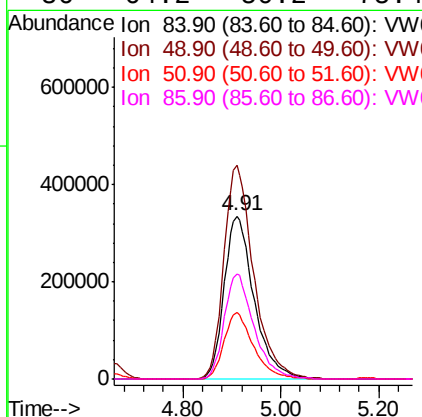
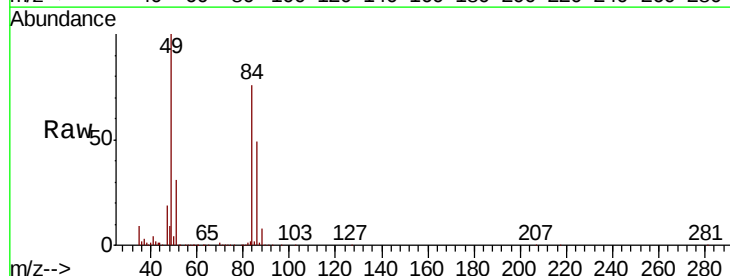
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

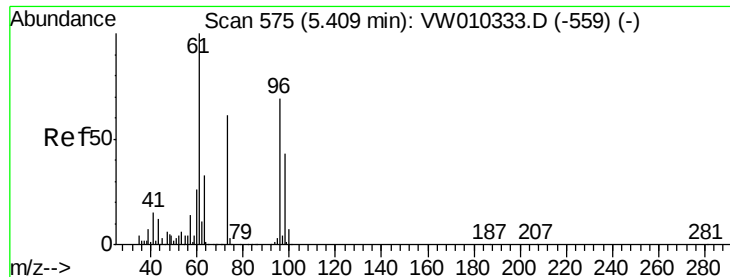
Tgt Ion: 73 Resp: 1785358
Ion Ratio Lower Upper
73 100
57 23.5 18.5 27.7



#20
Methylene Chloride
Concen: 78.418 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion: 84 Resp: 1421331
Ion Ratio Lower Upper
84 100
49 131.3 112.3 168.5
51 40.9 33.9 50.9
86 64.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 106.639 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.01 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

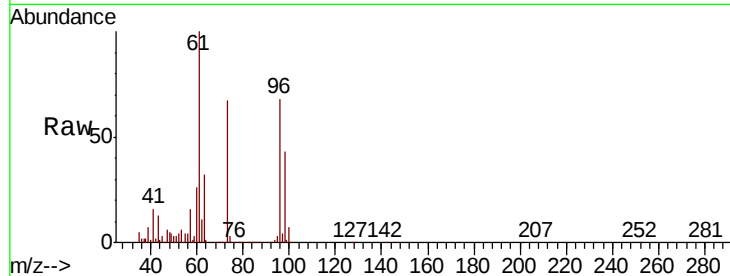
Tgt Ion: 96 Resp: 1570773

Ion Ratio Lower Upper

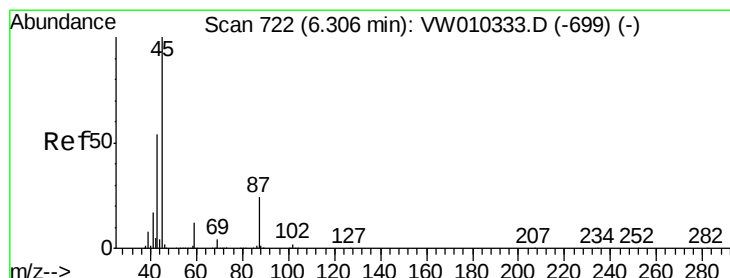
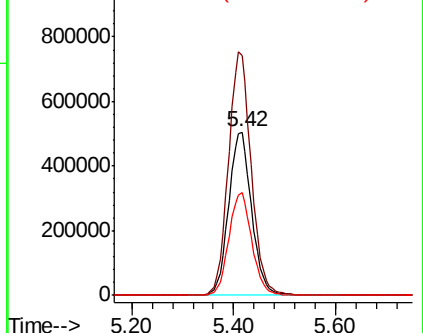
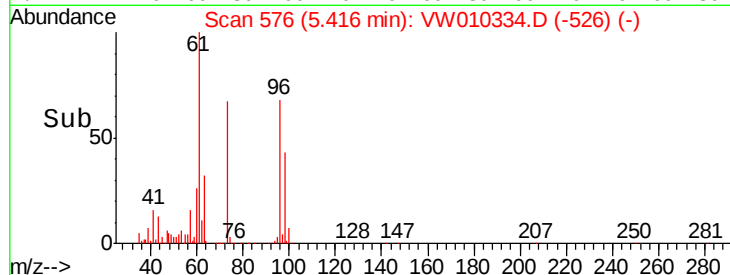
96 100

61 146.9 122.3 183.5

98 62.6 50.5 75.7



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



#22

Diisopropyl ether

Concen: 87.658 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Tgt Ion: 45 Resp: 4299971

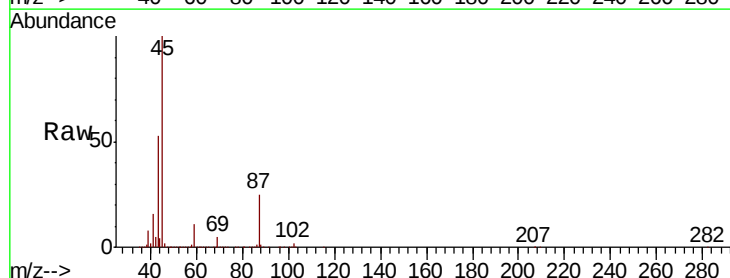
Ion Ratio Lower Upper

45 100

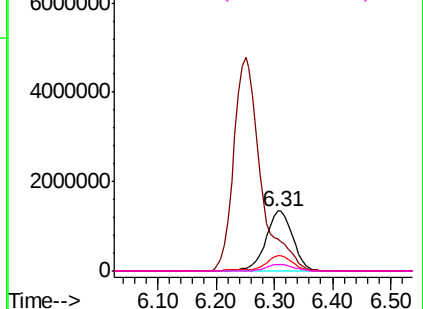
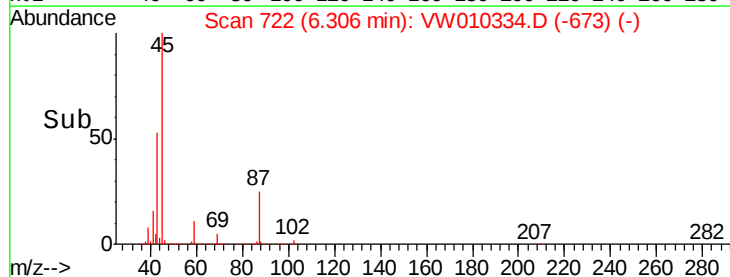
43 53.2 46.1 69.1

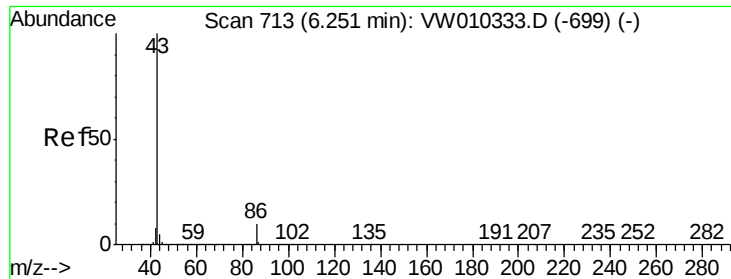
87 25.1 18.3 27.5

59 11.3 8.2 12.4



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

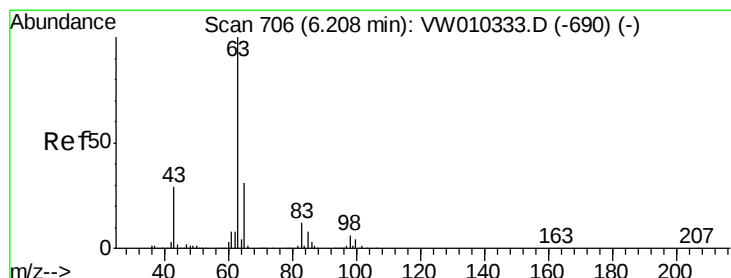
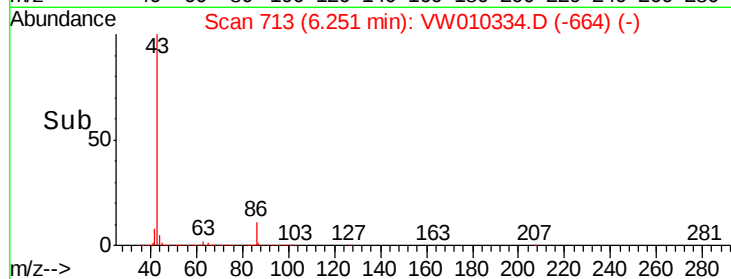
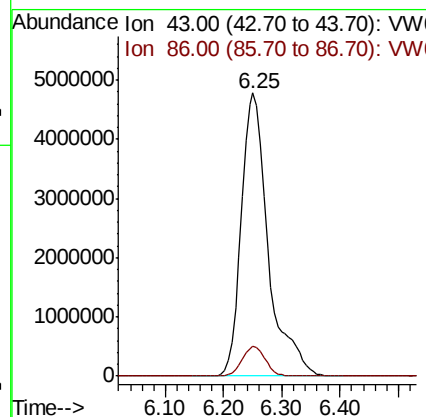
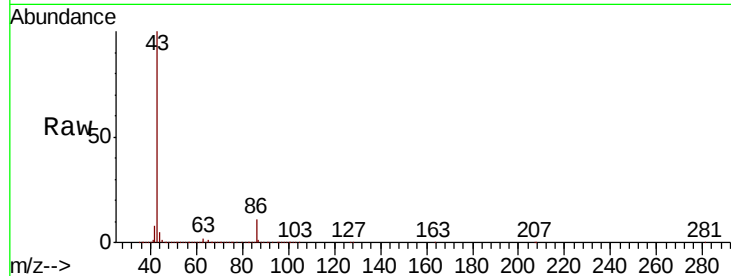




#23
 Vinyl Acetate
 Concen: 497.336 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

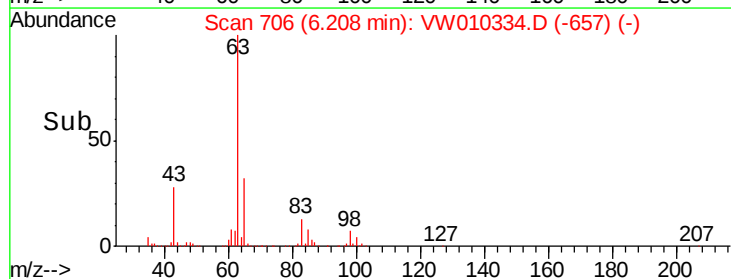
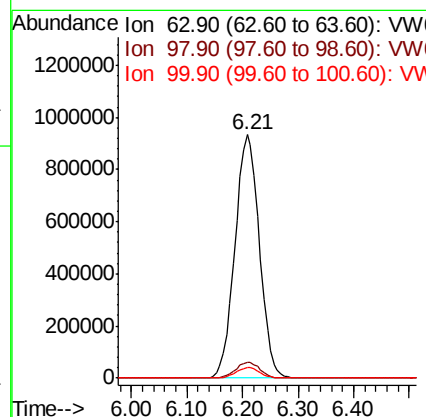
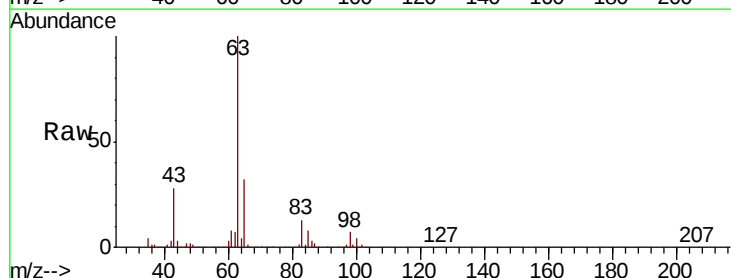
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

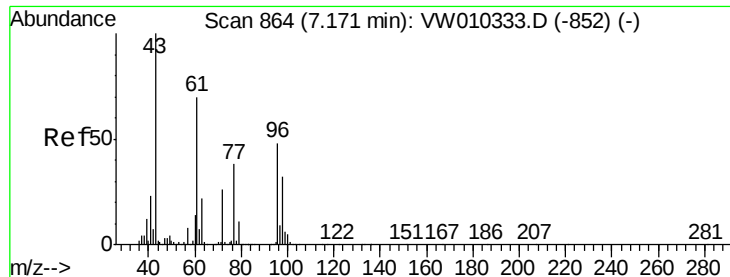
Tgt Ion: 43 Resp:15357830
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 96.465 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Tgt Ion: 63 Resp: 2828779
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.2 2.0 6.0

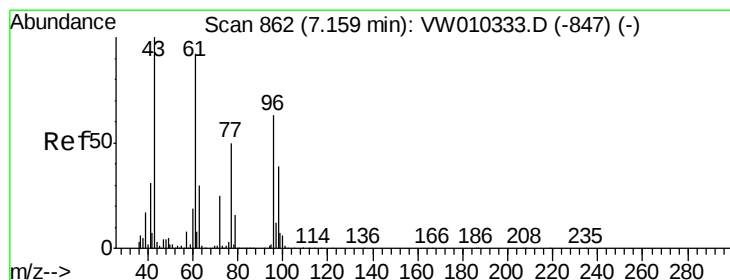
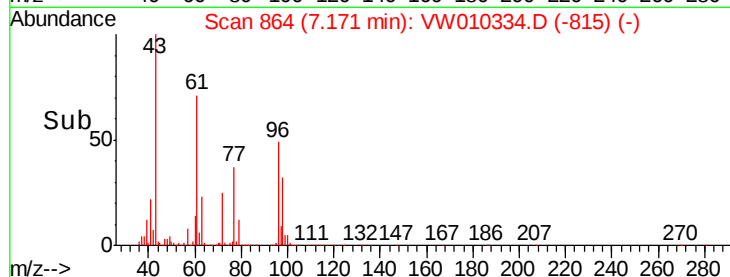
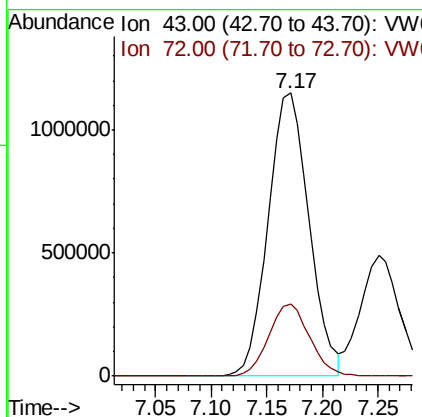
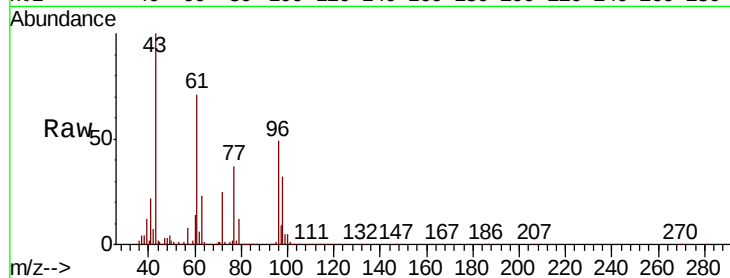




#25
 2-Butanone
 Concen: 568.799 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

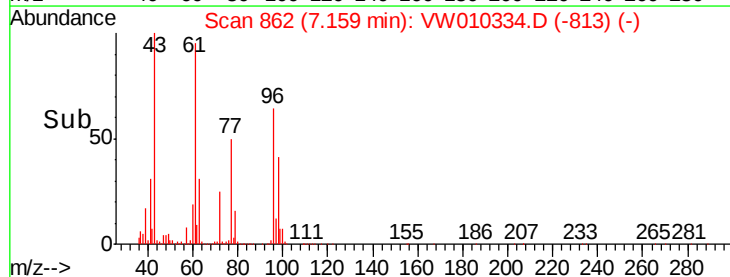
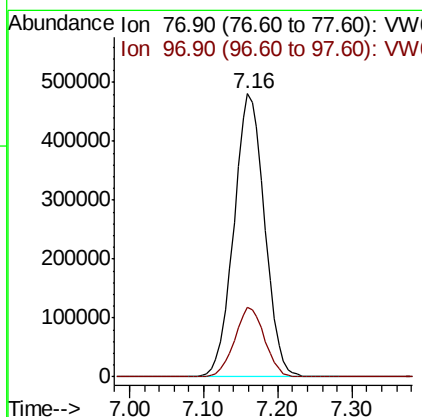
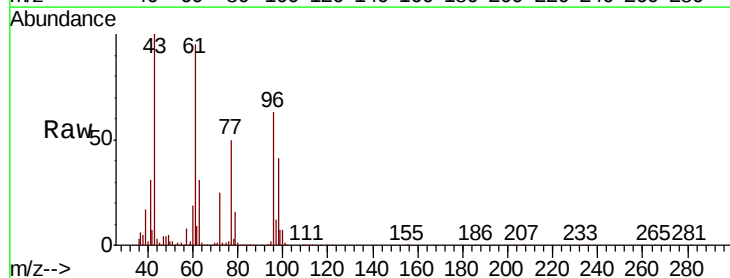
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

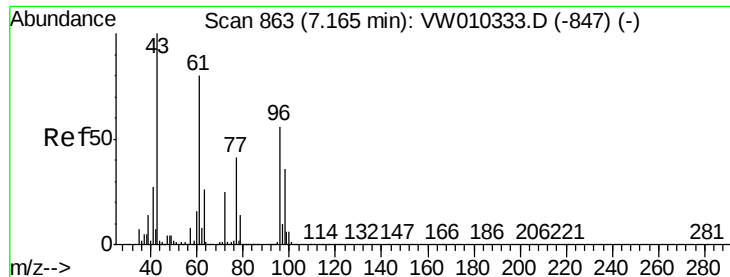
Tgt Ion: 43 Resp: 2943684
 Ion Ratio Lower Upper
 43 100
 72 25.3 19.1 28.7



#26
 2,2-Dichloropropane
 Concen: 85.513 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Tgt Ion: 77 Resp: 1387359
 Ion Ratio Lower Upper
 77 100
 97 23.9 11.3 33.9



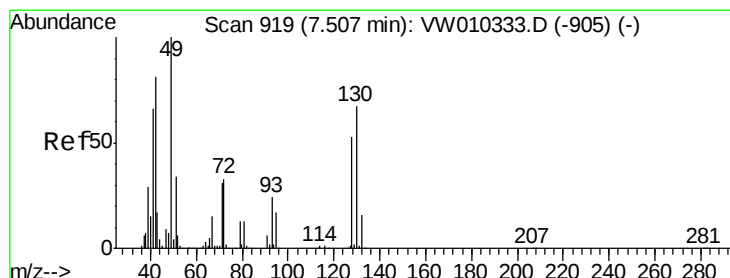
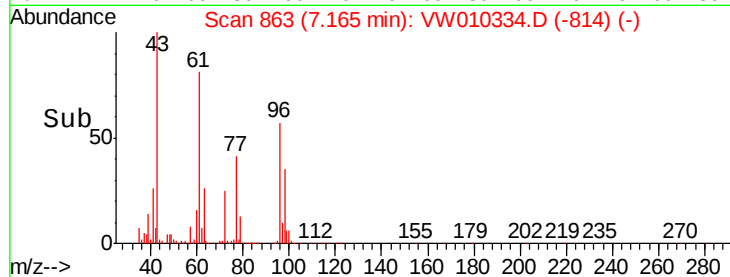
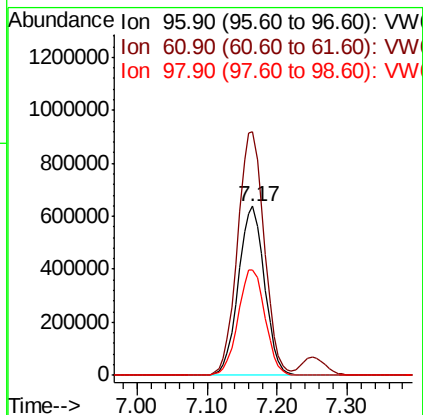
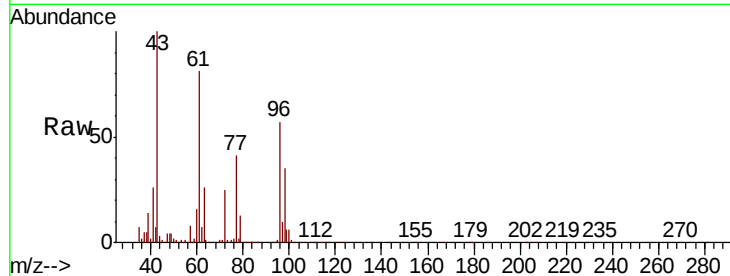


#27

cis-1,2-Dichloroethene
Concen: 101.915 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

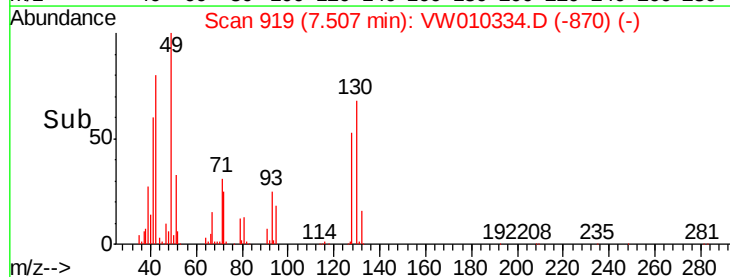
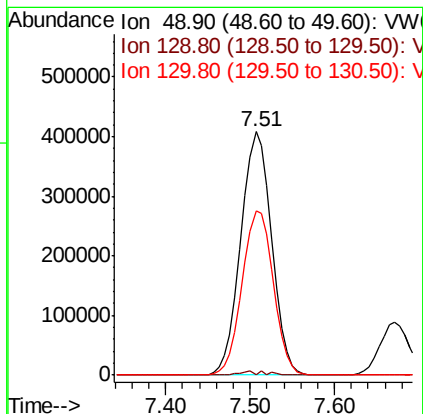
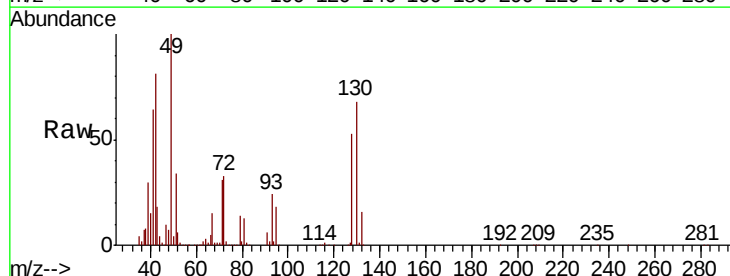
Tgt Ion: 96 Resp: 1650994
Ion Ratio Lower Upper
96 100
61 147.6 0.0 309.4
98 64.3 0.0 128.6

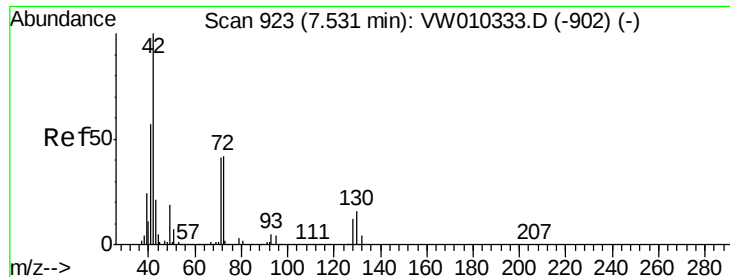


#28

Bromochloromethane
Concen: 84.257 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion: 49 Resp: 1009740
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.8
130 68.2 54.6 82.0

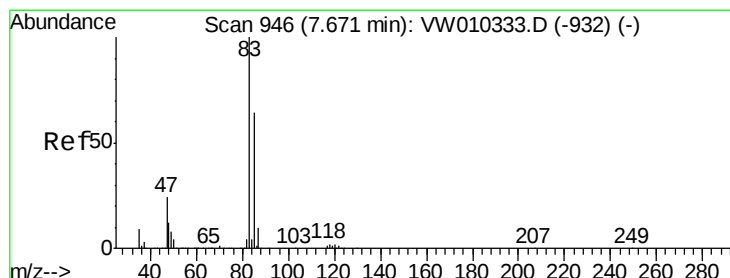
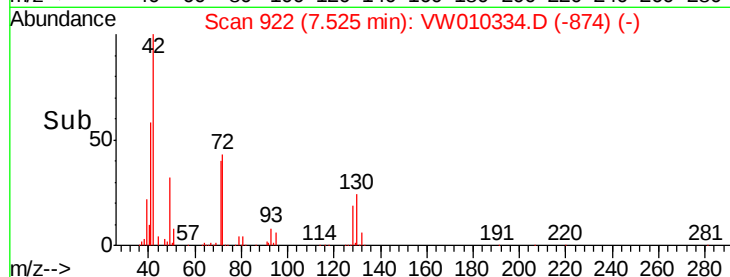
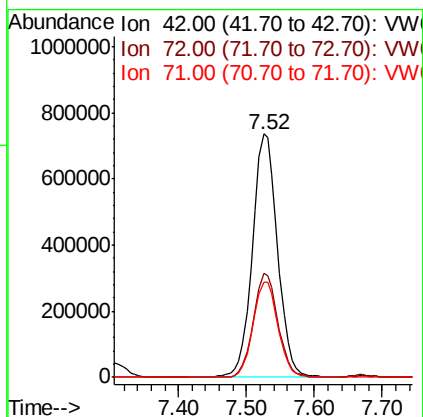
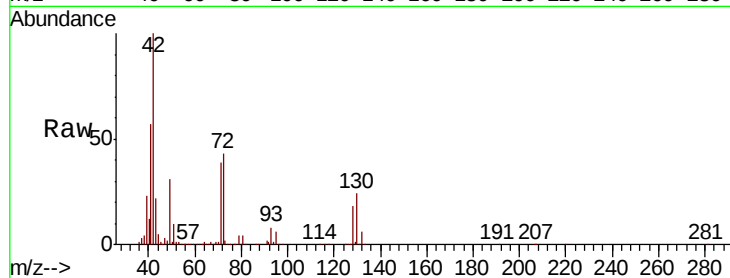




#29
Tetrahydrofuran
Concen: 577.780 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

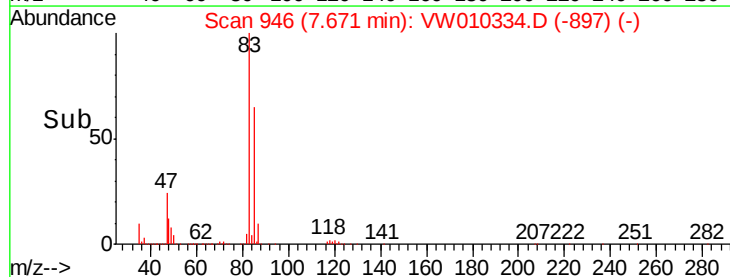
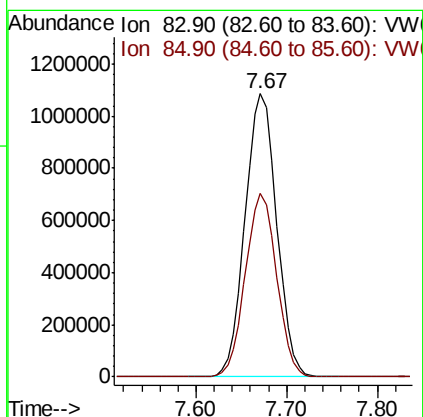
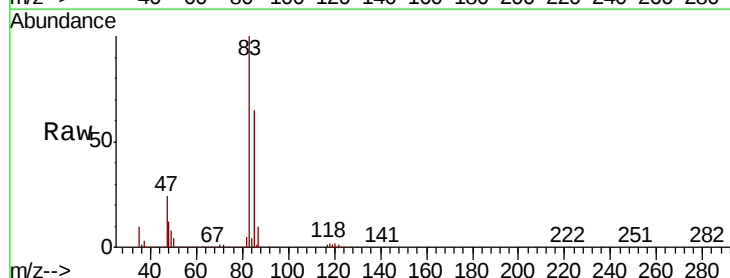
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

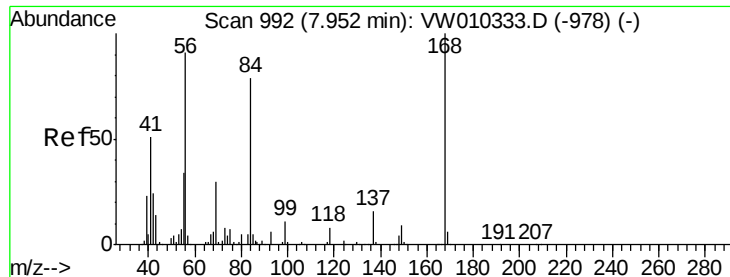
Tgt Ion: 42 Resp: 1894666
Ion Ratio Lower Upper
42 100
72 41.9 31.0 46.6
71 39.1 29.7 44.5



#30
Chloroform
Concen: 89.471 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion: 83 Resp: 2628979
Ion Ratio Lower Upper
83 100
85 64.7 50.7 76.1

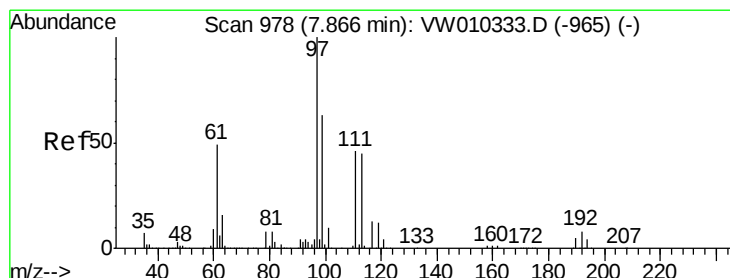
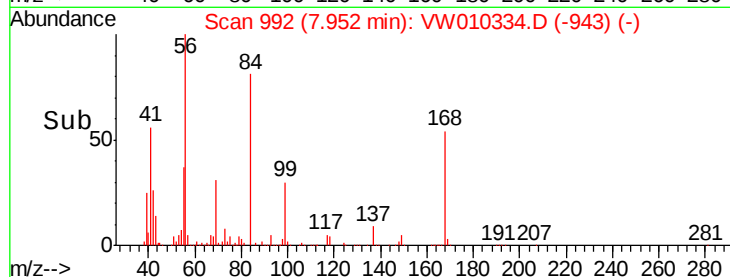
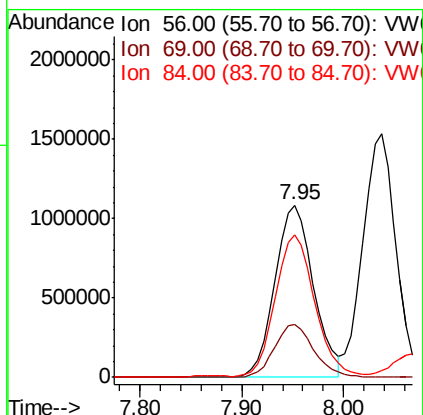
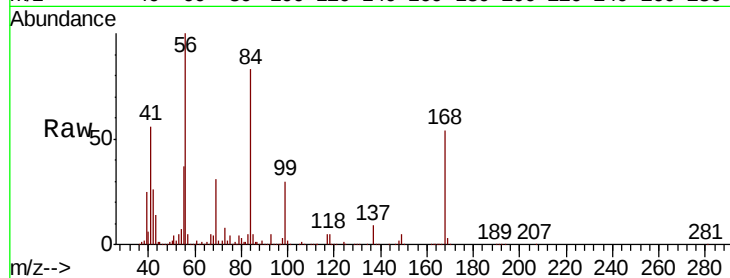




#31
Cyclohexane
Concen: 103.851 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

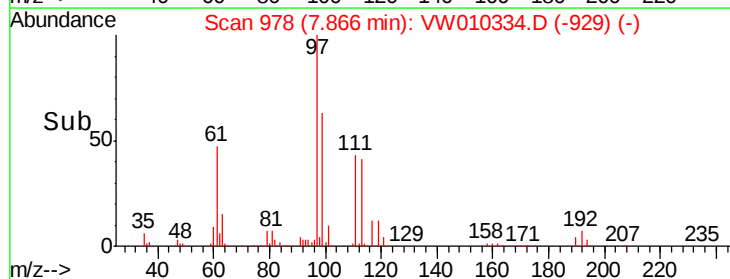
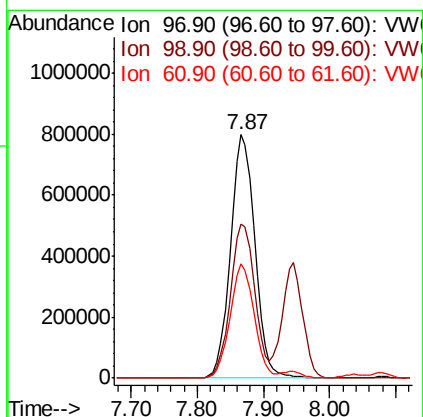
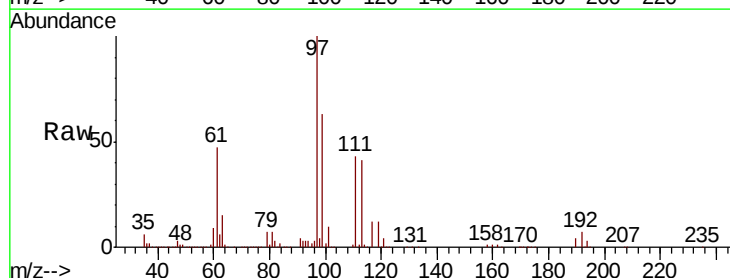
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

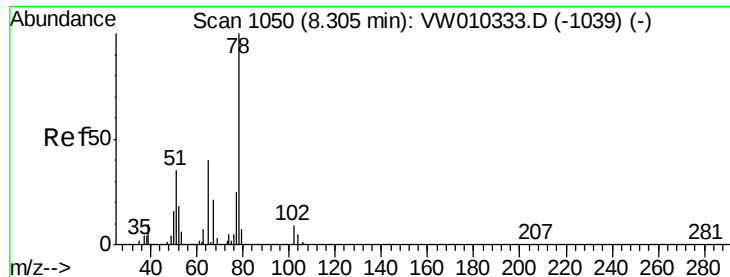
Tgt Ion: 56 Resp: 2851748
Ion Ratio Lower Upper
56 100
69 30.9 26.6 40.0
84 82.4 66.2 99.2



#32
1,1,1-Trichloroethane
Concen: 88.418 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion: 97 Resp: 2039577
Ion Ratio Lower Upper
97 100
99 63.6 50.2 75.2
61 46.2 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 81.786 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

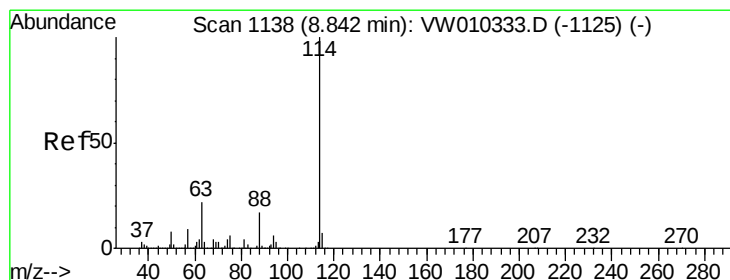
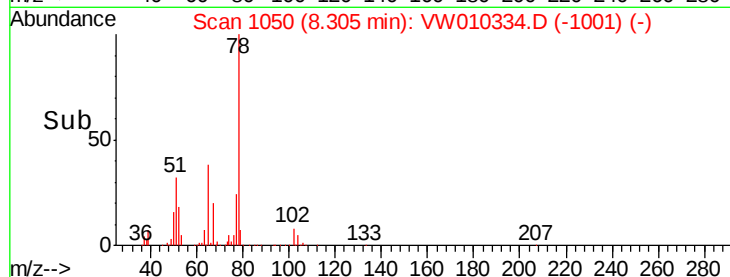
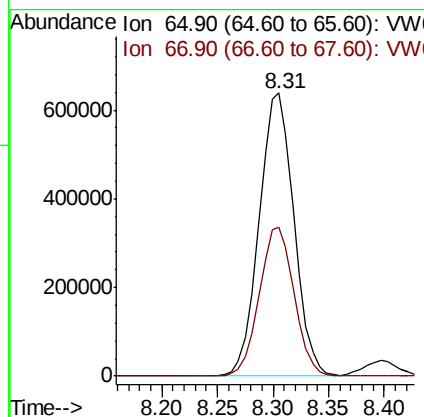
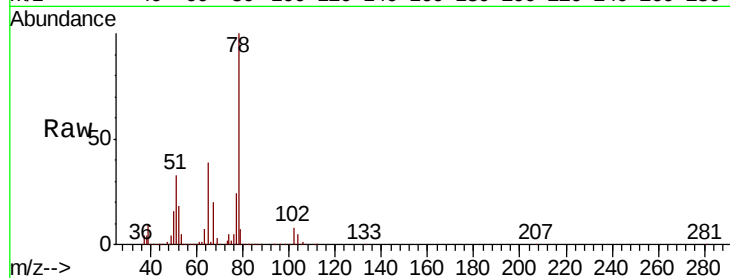
VSTDIC100

Tgt Ion: 65 Resp: 1388732

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

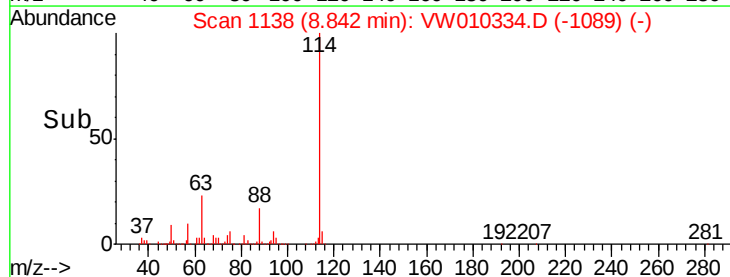
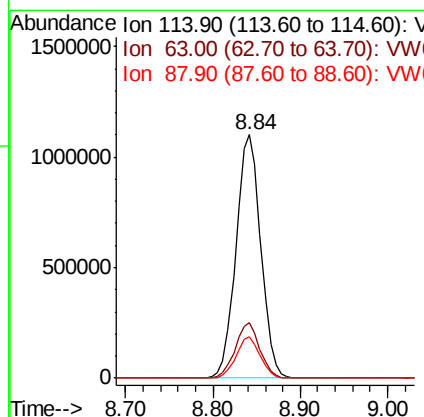
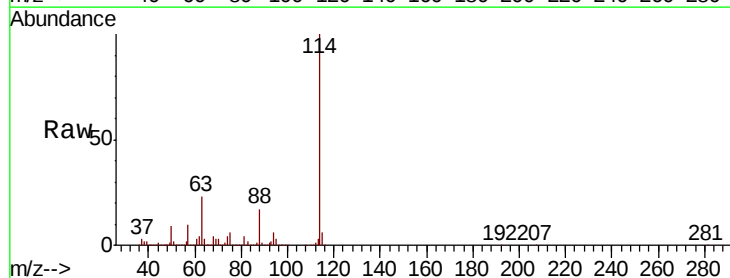
Tgt Ion: 114 Resp: 2167354

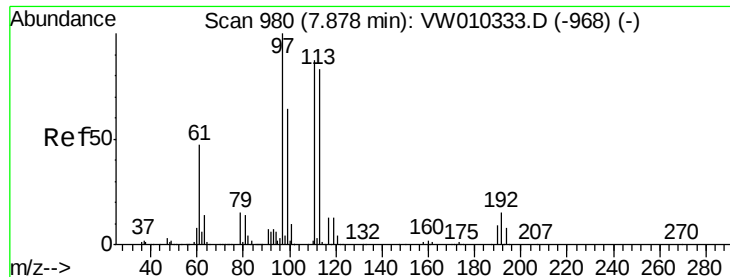
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.2

88 17.0 0.0 32.6

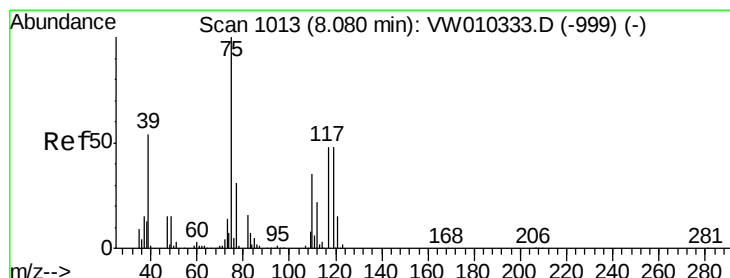
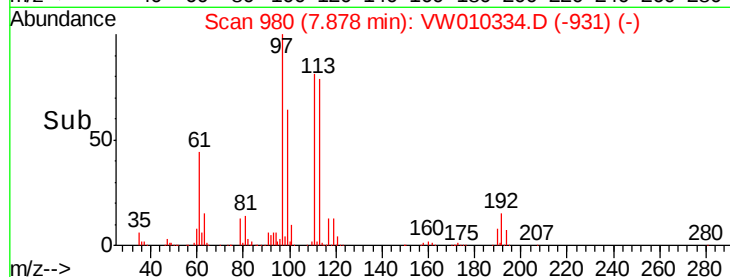
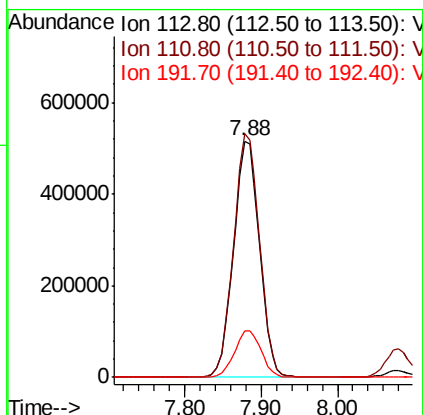
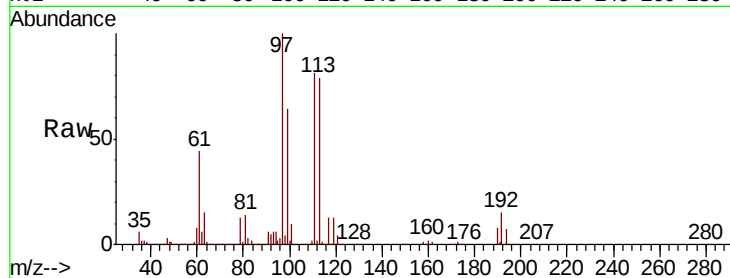




#35
 Dibromofluoromethane
 Concen: 87.940 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

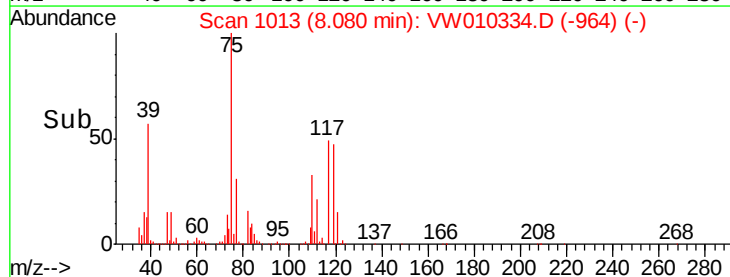
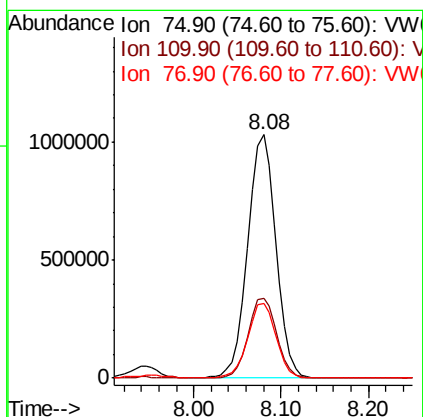
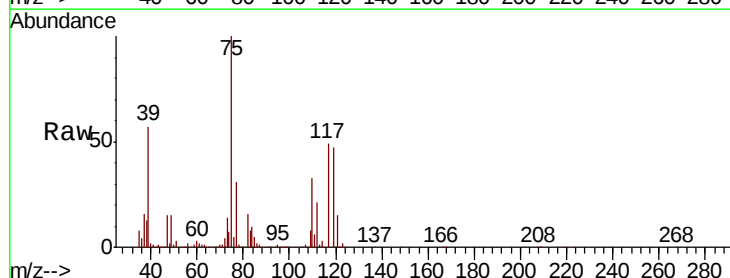
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

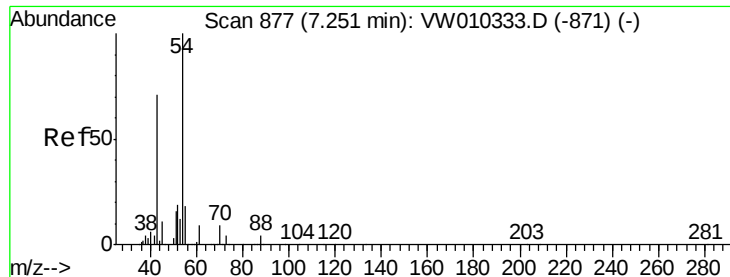
Tgt Ion:113 Resp: 1211751
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 20.0 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 104.175 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Tgt Ion: 75 Resp: 2306349
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.6 49.8
 77 30.9 24.8 37.2

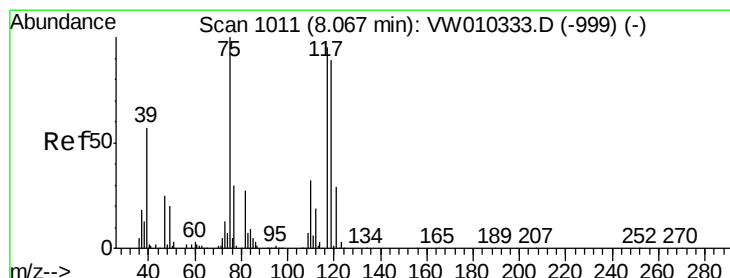
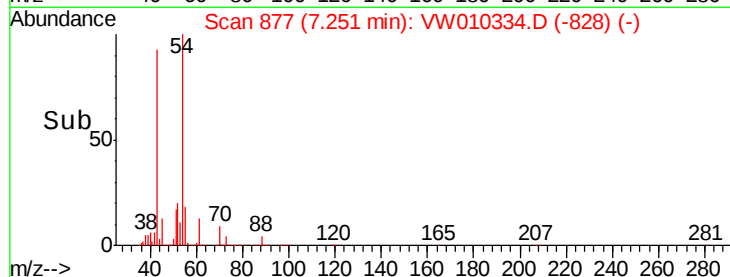
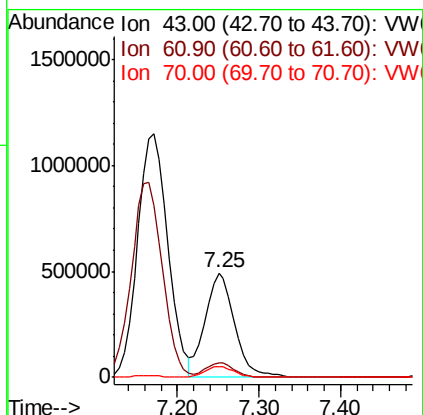
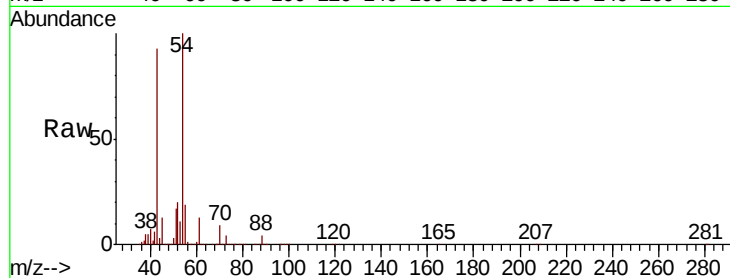




#37
Ethyl Acetate
Concen: 110.143 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

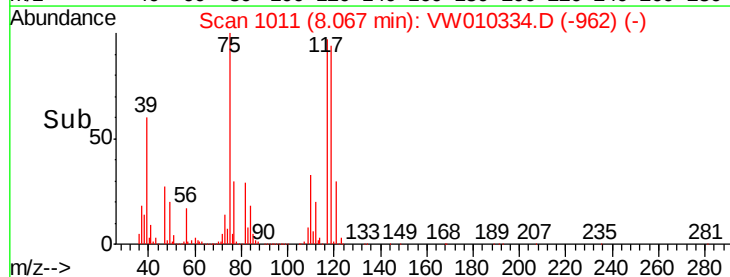
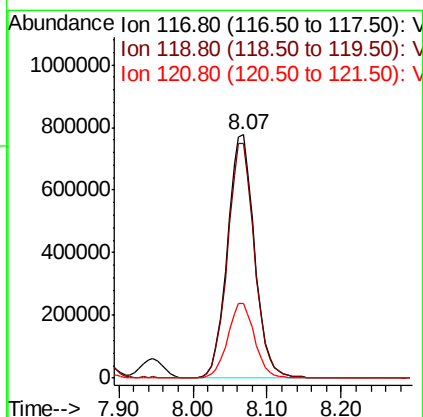
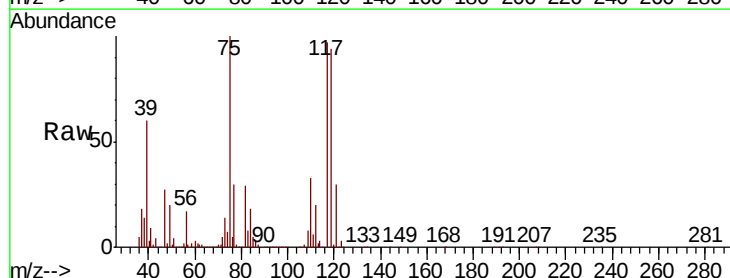
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

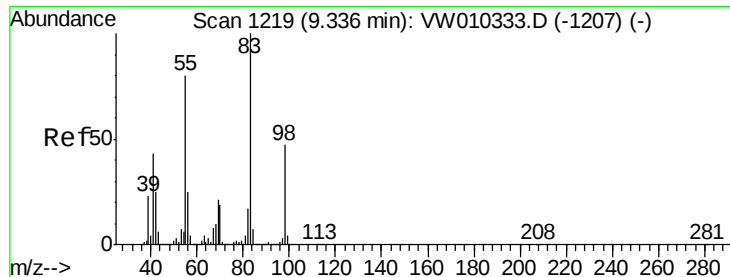
Tgt Ion: 43 Resp: 1239098
Ion Ratio Lower Upper
43 100
61 13.6 9.8 14.8
70 10.2 7.4 11.0



#38
Carbon Tetrachloride
Concen: 91.420 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion: 117 Resp: 1975308
Ion Ratio Lower Upper
117 100
119 96.2 75.3 112.9
121 30.5 24.4 36.6

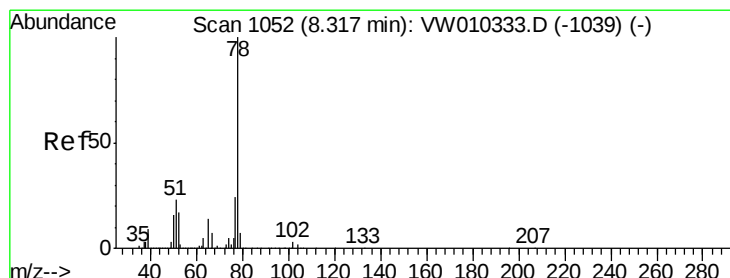
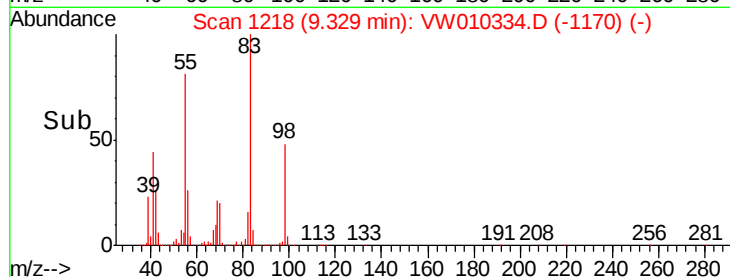
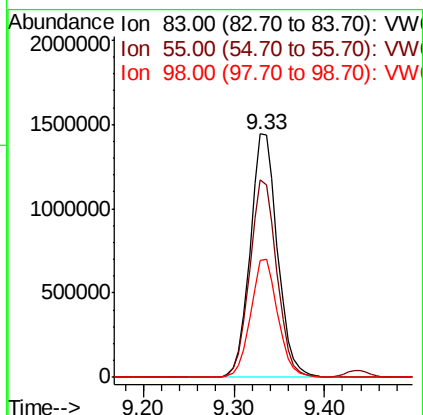
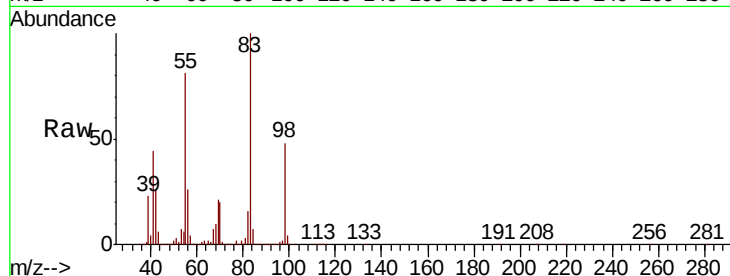




#39
Methylcyclohexane
Concen: 120.776 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

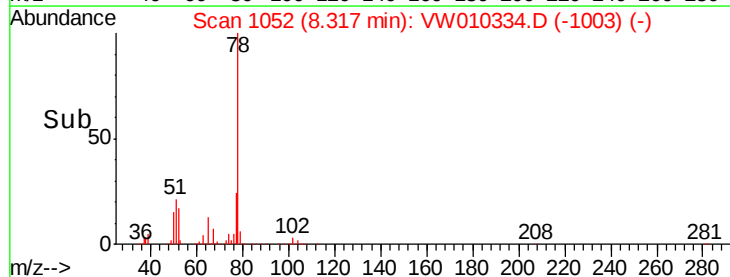
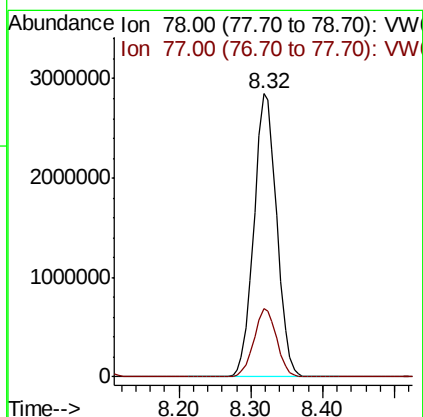
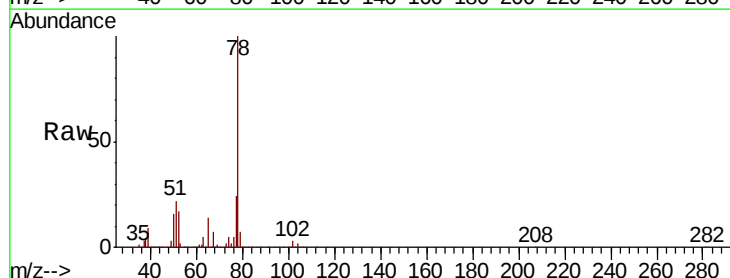
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

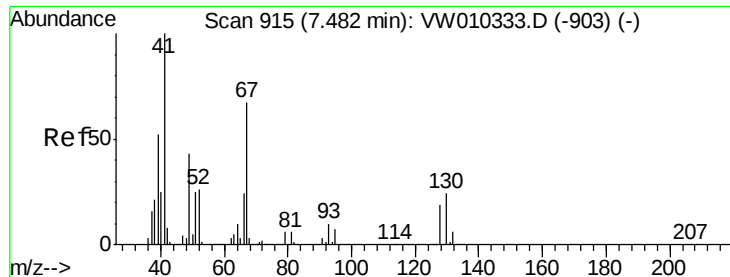
Tgt Ion: 83 Resp: 3008861
Ion Ratio Lower Upper
83 100
55 80.9 67.1 100.7
98 47.9 39.2 58.8



#40
Benzene
Concen: 103.553 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion: 78 Resp: 6268484
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7





#41

Methacrylonitrile

Concen: 114.766 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 735839

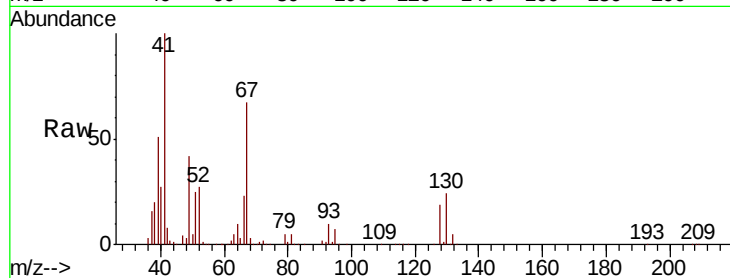
Ion Ratio Lower Upper

41 100

39 51.4 45.0 67.4

67 68.2 50.7 76.1

52 27.6 22.6 33.8

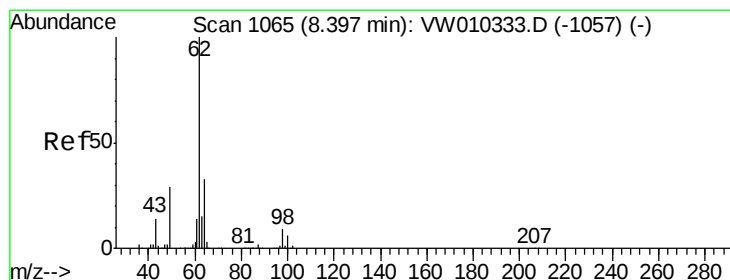
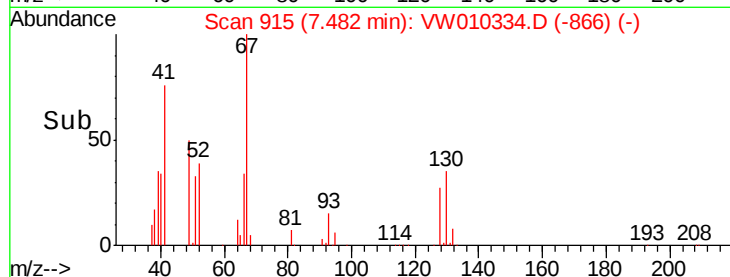
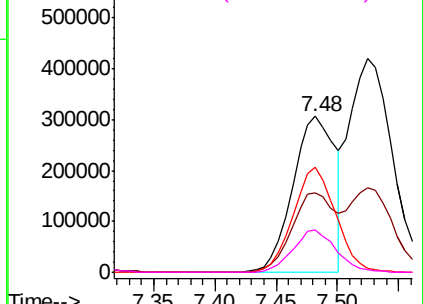


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 85.222 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW010334.D

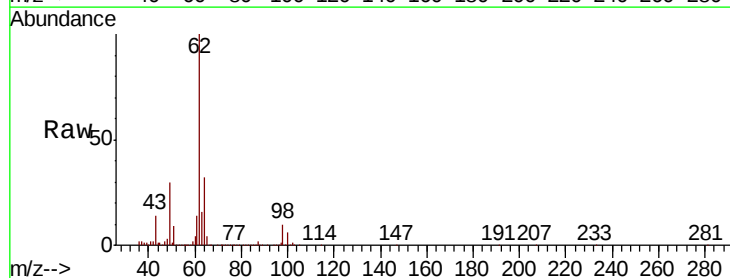
Acq: 09 May 2019 13:02

Tgt Ion: 62 Resp: 1772902

Ion Ratio Lower Upper

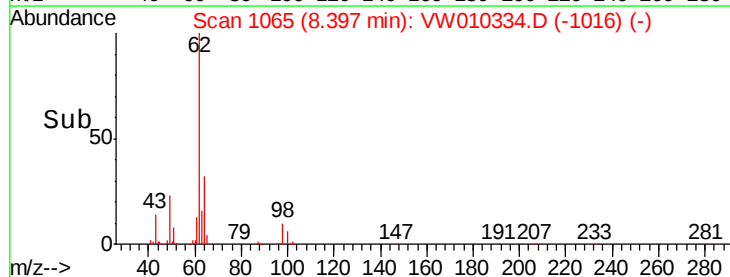
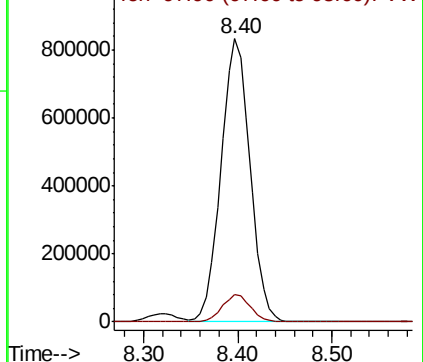
62 100

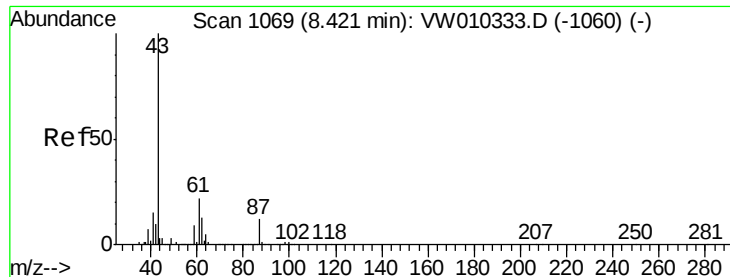
98 9.5 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 101.949 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

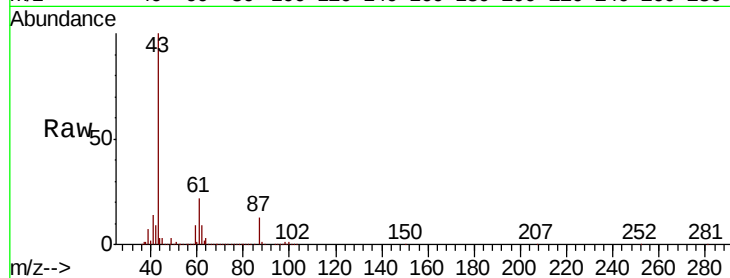
Tgt Ion: 43 Resp: 2149199

Ion Ratio Lower Upper

43 100

61 29.3 23.0 34.6

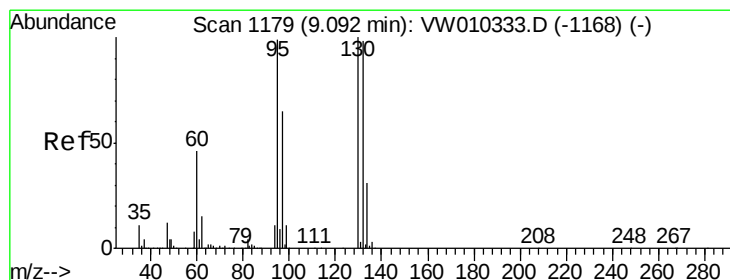
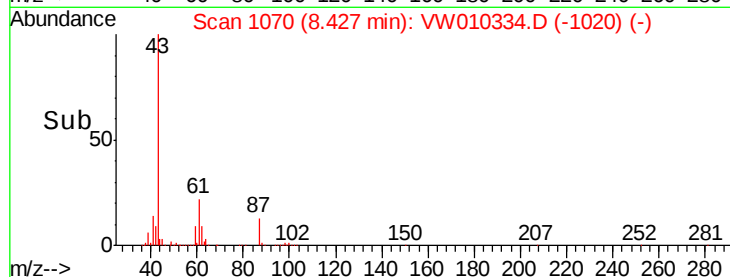
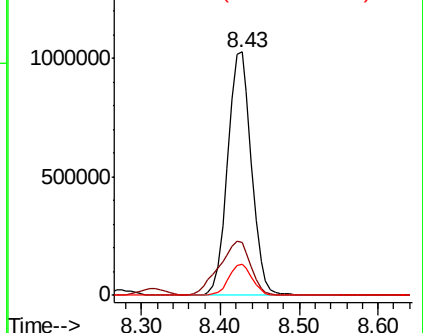
87 12.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 103.513 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010334.D

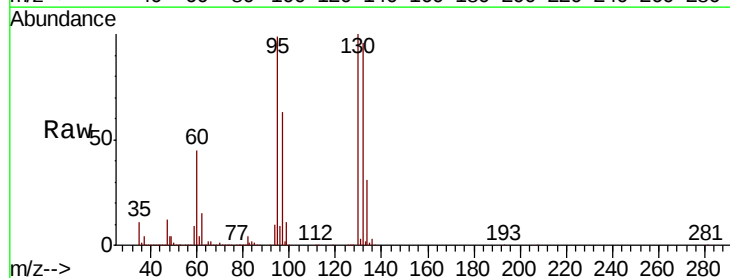
Acq: 09 May 2019 13:02

Tgt Ion: 130 Resp: 1591515

Ion Ratio Lower Upper

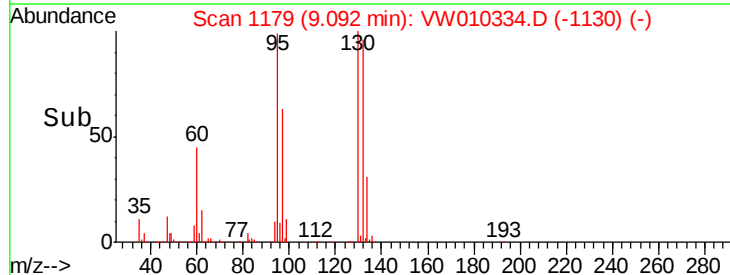
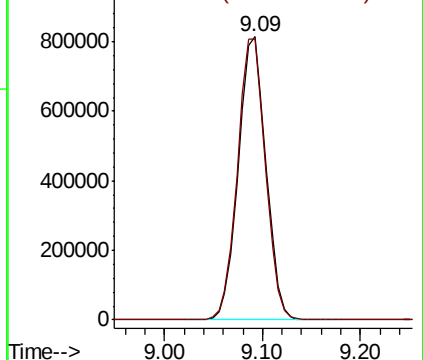
130 100

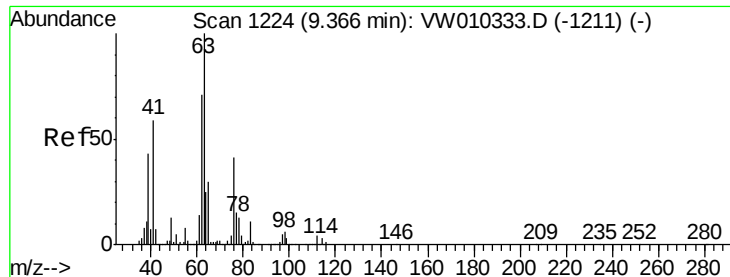
95 99.4 0.0 205.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

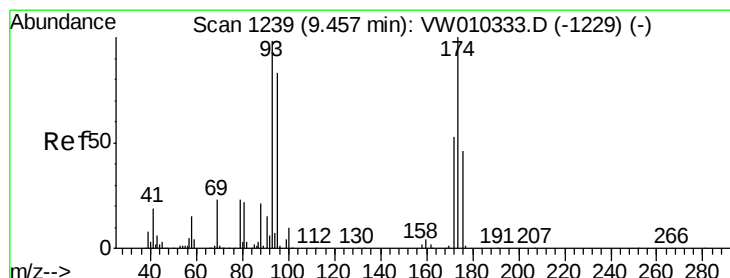
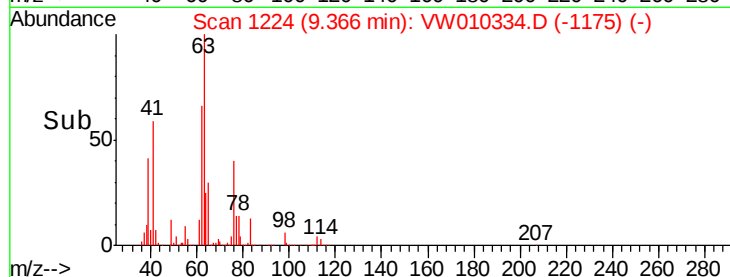
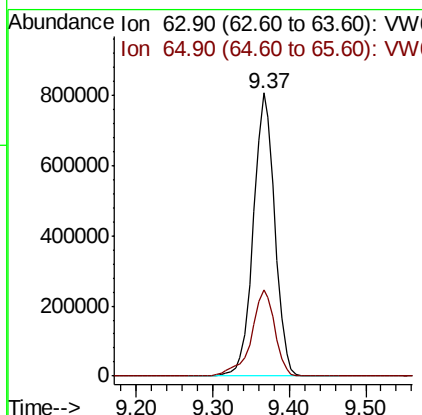
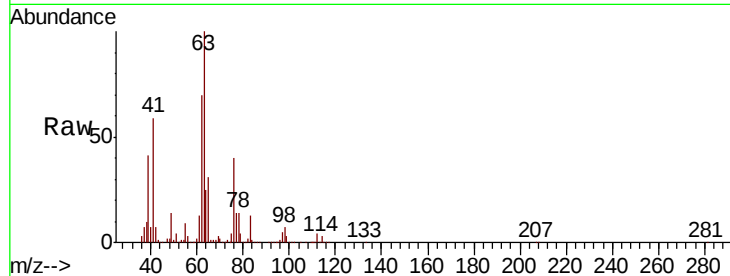




#45
 1,2-Dichloropropane
 Concen: 98.845 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

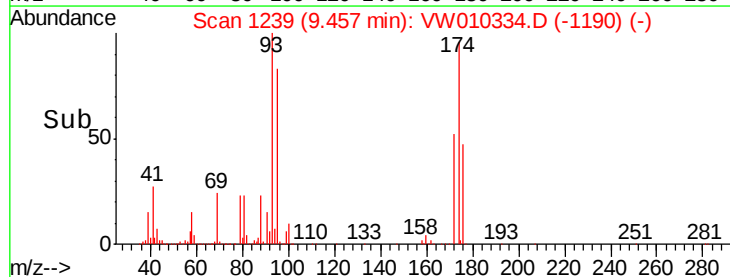
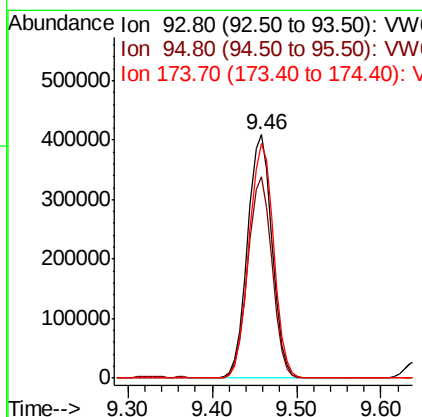
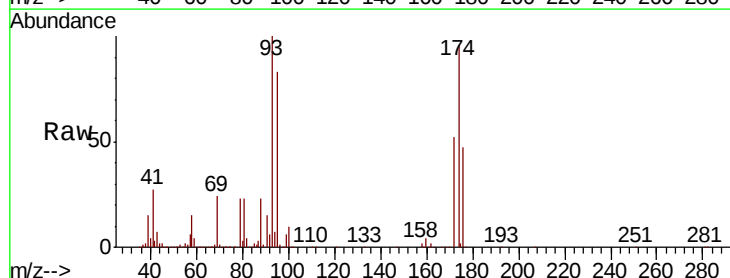
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

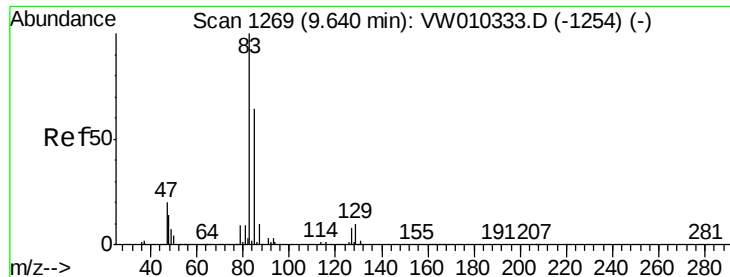
Tgt Ion: 63 Resp: 1572775
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.8 35.6



#46
 Dibromomethane
 Concen: 96.601 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Tgt Ion: 93 Resp: 796653
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.8 98.8
 174 97.5 75.5 113.3





#47

Bromodichloromethane

Concen: 92.184 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

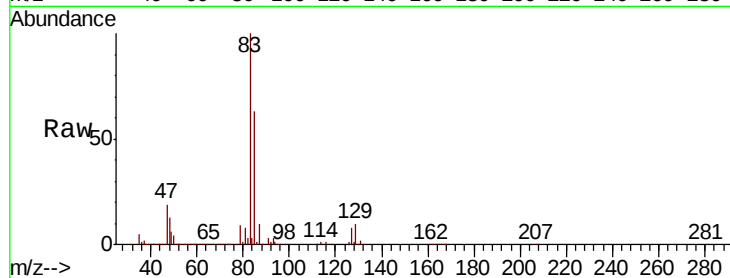
Tgt Ion: 83 Resp: 1962466

Ion Ratio Lower Upper

83 100

85 62.8 50.6 75.8

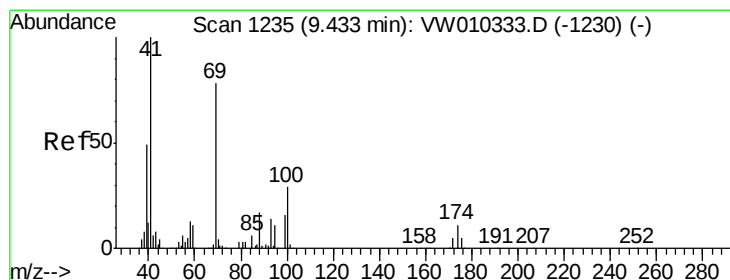
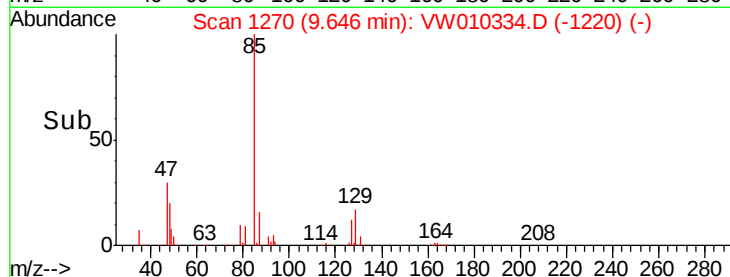
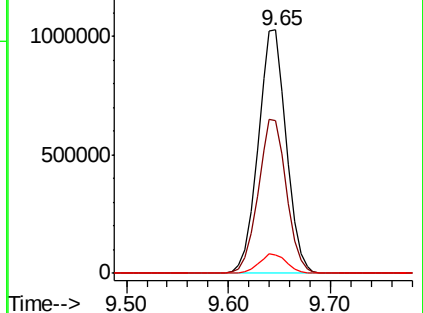
127 7.7 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 100.829 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

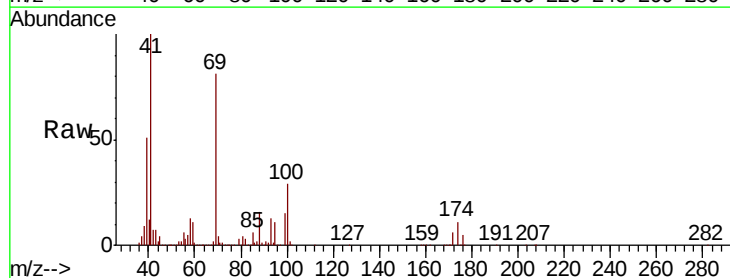
Tgt Ion: 41 Resp: 1034689

Ion Ratio Lower Upper

41 100

69 86.4 60.1 90.1

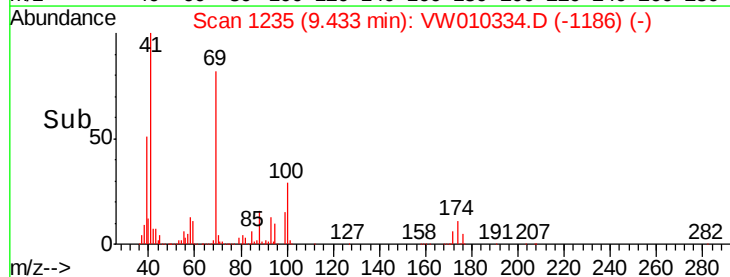
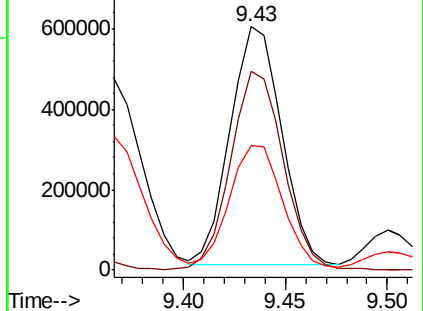
39 52.1 51.0 76.6

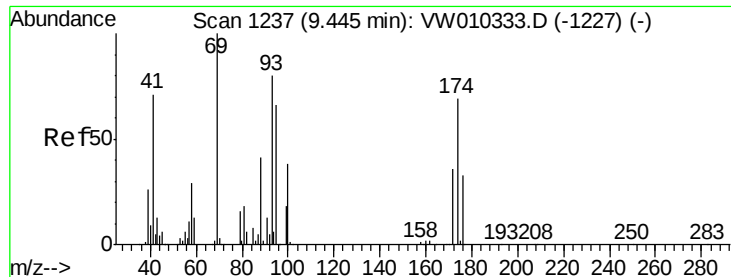


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 2366.228 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

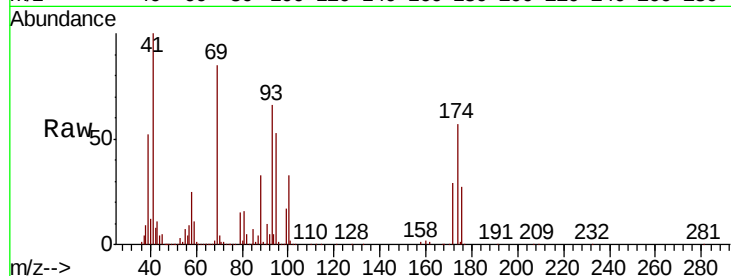
Tgt Ion: 88 Resp: 298170

Ion Ratio Lower Upper

88 100

43 32.7 31.9 47.9

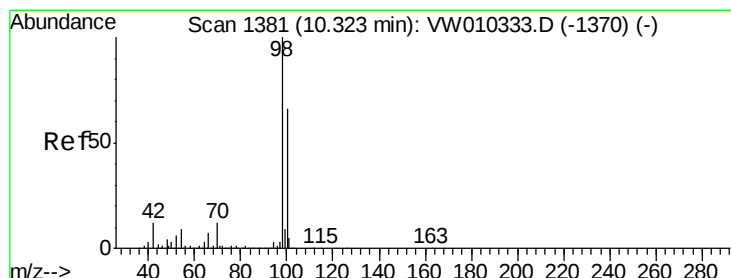
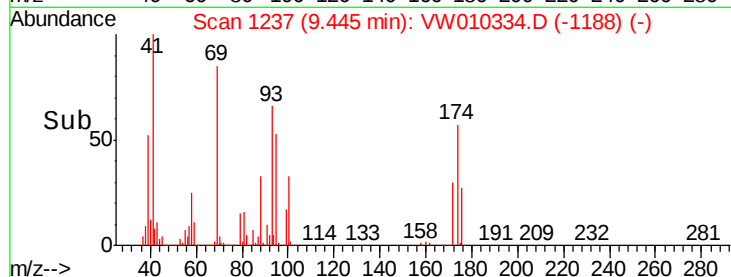
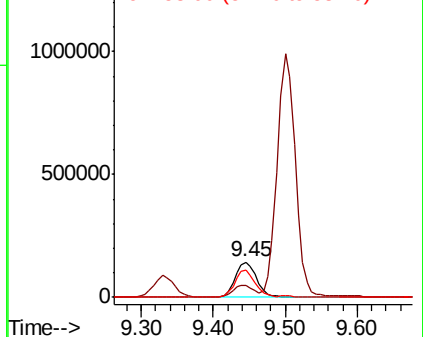
58 76.0 61.8 92.6



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 97.544 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010334.D

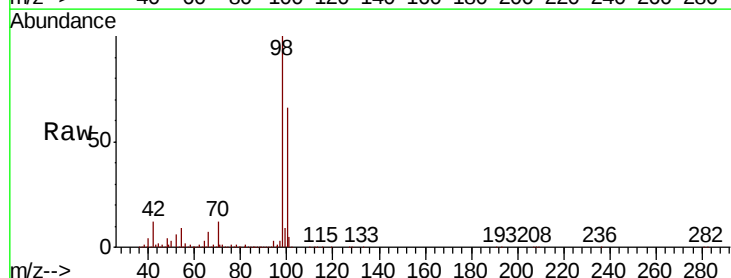
Acq: 09 May 2019 13:02

Tgt Ion: 98 Resp: 5036520

Ion Ratio Lower Upper

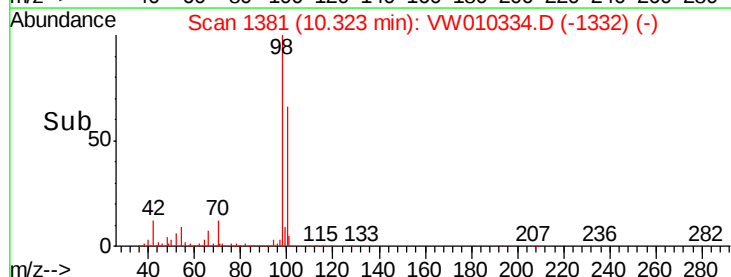
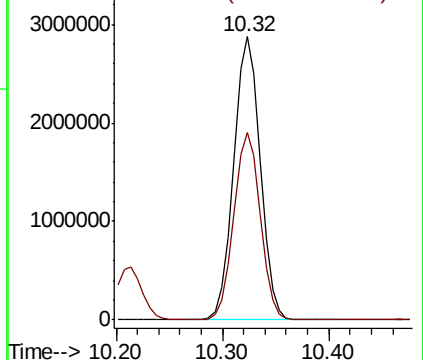
98 100

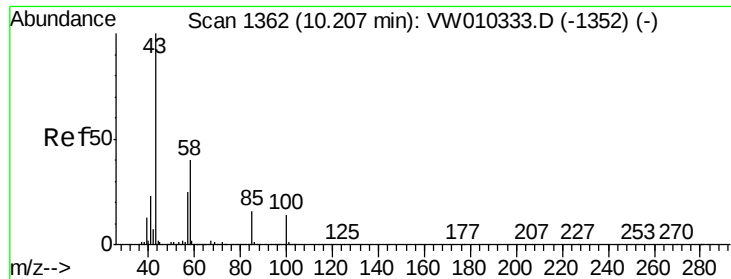
100 66.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

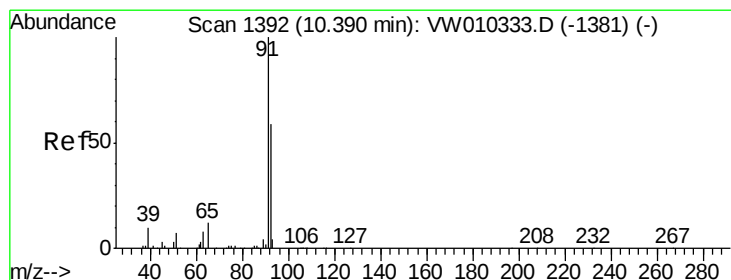
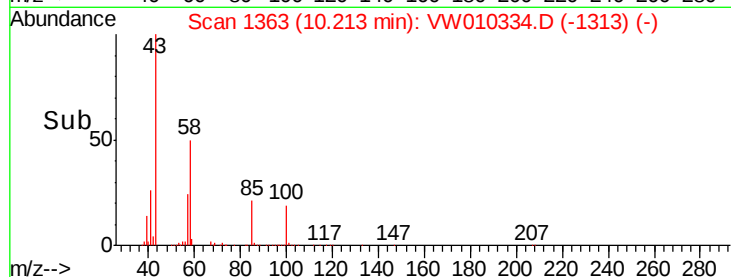
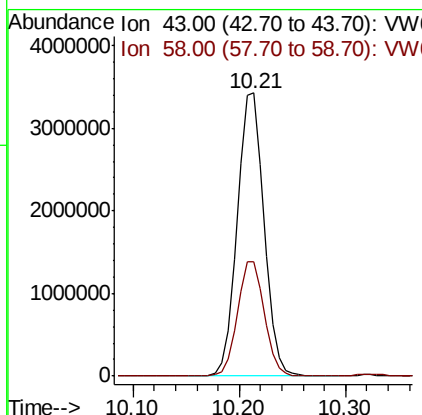
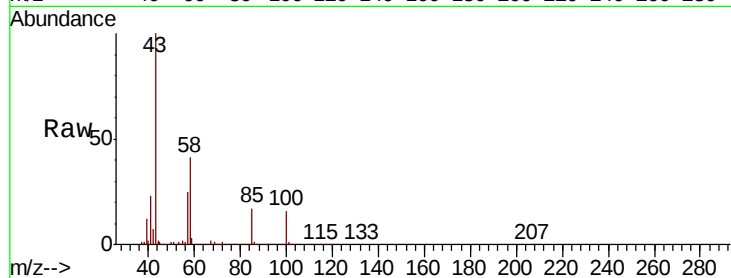




#51
 4-Methyl-2-Pentanone
 Concen: 550.459 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

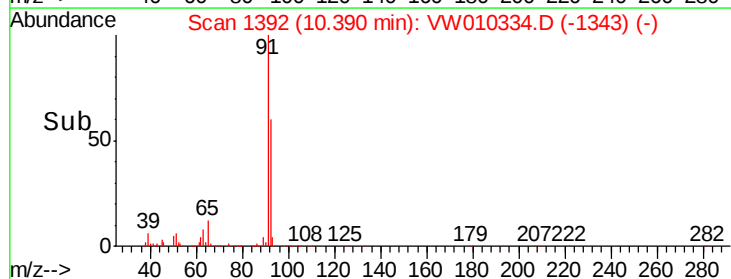
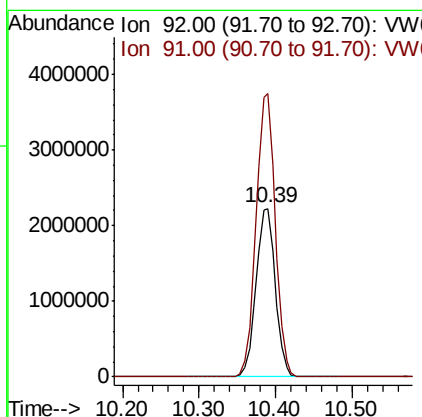
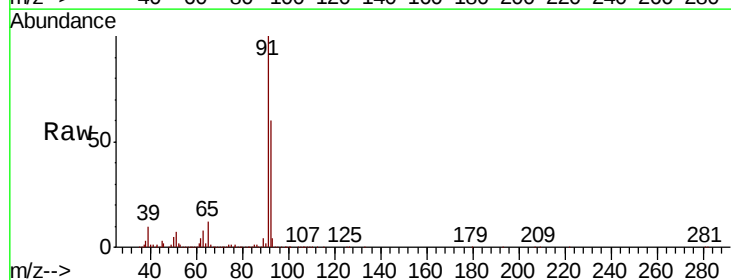
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

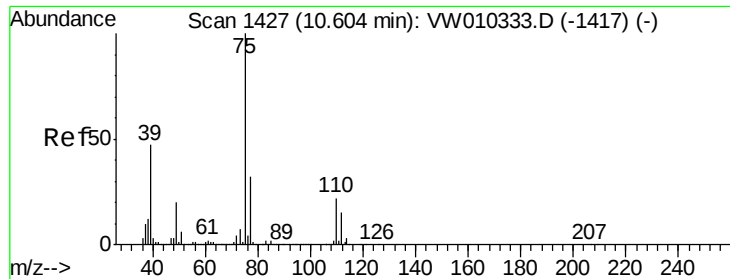
Tgt Ion: 43 Resp: 6077807
 Ion Ratio Lower Upper
 43 100
 58 40.3 28.9 43.3



#52
 Toluene
 Concen: 103.953 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Tgt Ion: 92 Resp: 3919840
 Ion Ratio Lower Upper
 92 100
 91 168.2 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 98.913 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

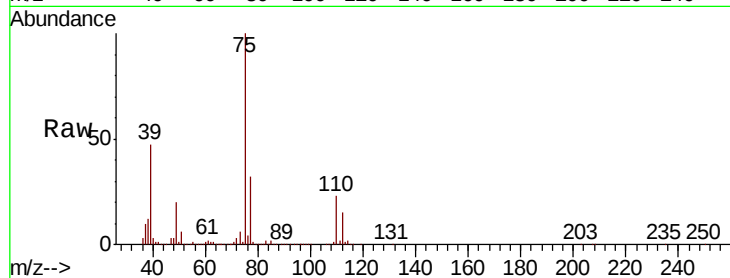
VSTDIC100

Tgt Ion: 75 Resp: 2087711

Ion Ratio Lower Upper

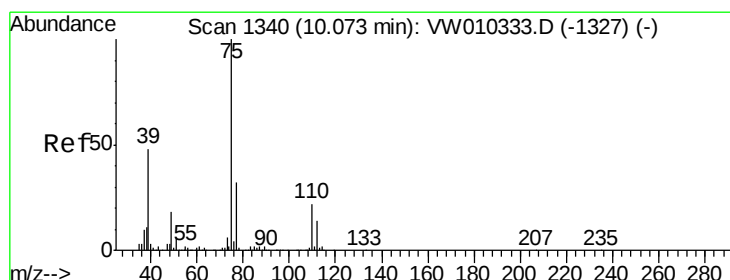
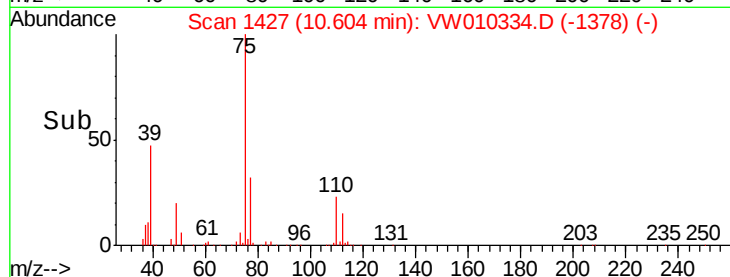
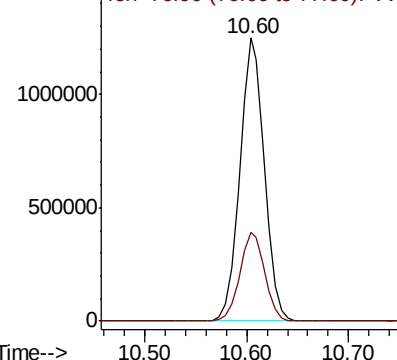
75 100

77 31.6 26.9 40.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 101.604 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

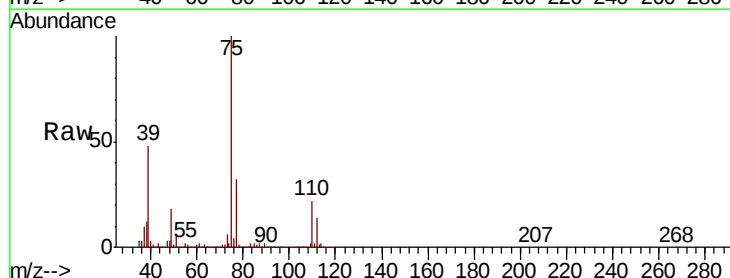
Tgt Ion: 75 Resp: 2448751

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

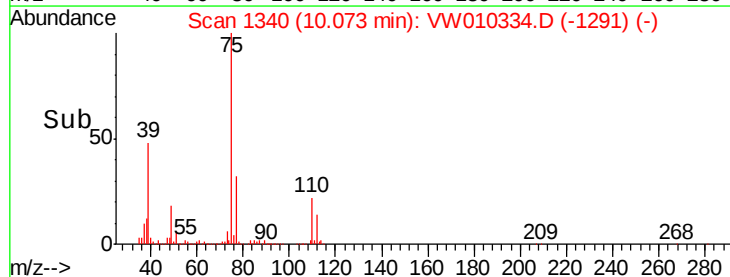
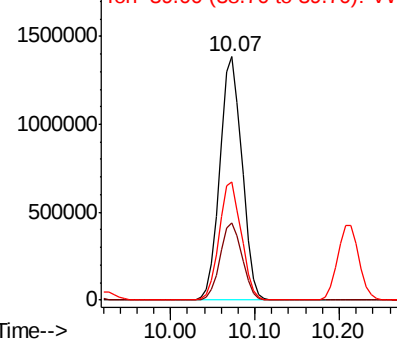
39 48.4 47.8 71.6

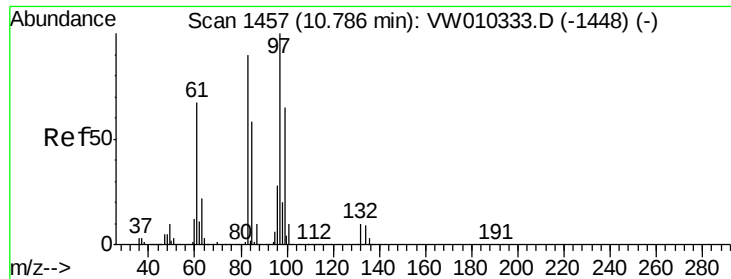


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW



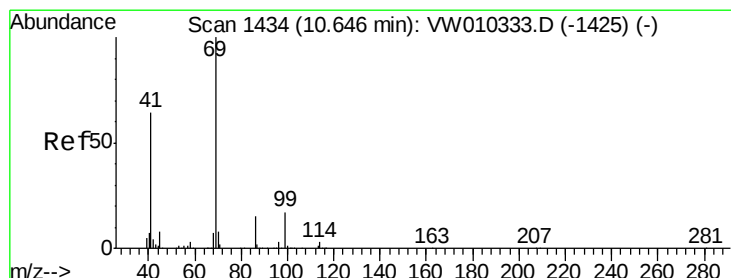
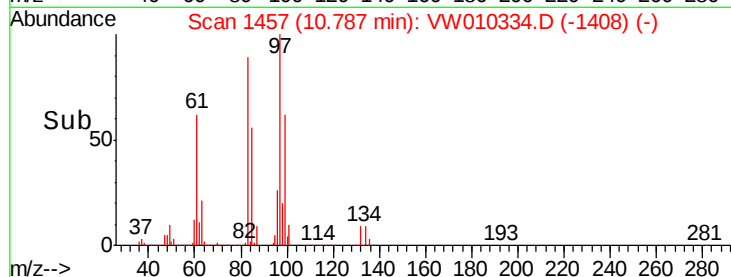
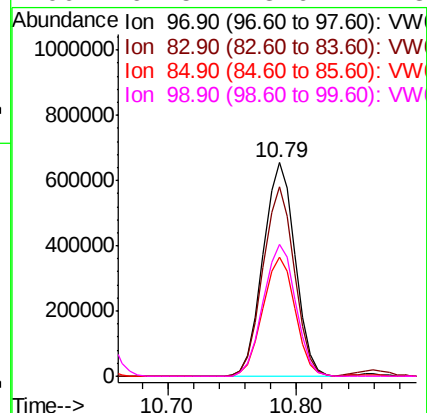
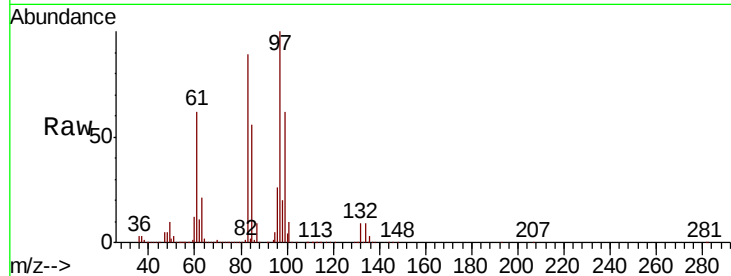


#55
 1,1,2-Trichloroethane
 Concen: 98.231 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 1130684

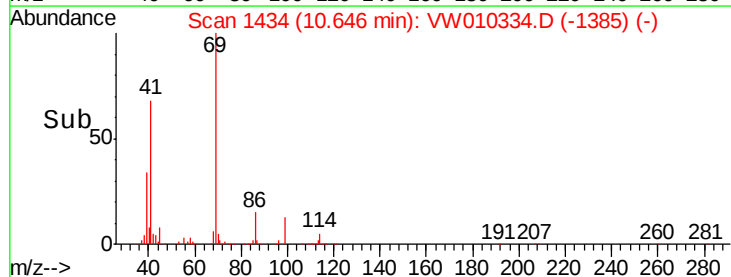
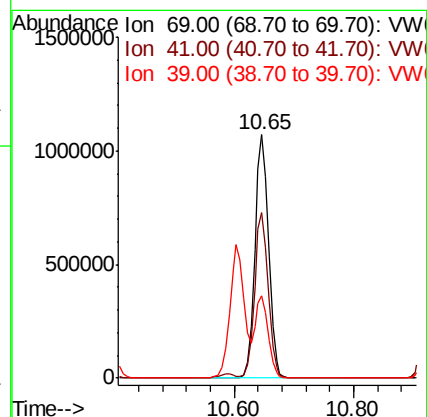
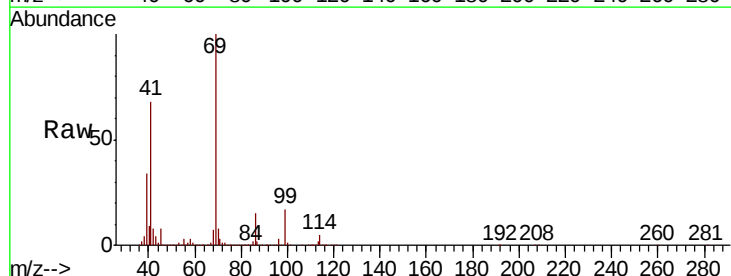
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.9	103.3
85	55.9	42.9	64.3
99	61.5	48.6	72.8

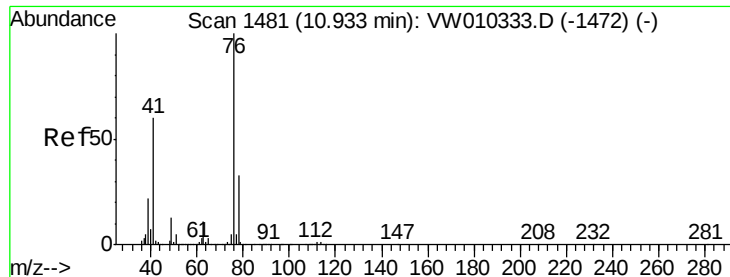


#56
 Ethyl methacrylate
 Concen: 119.312 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Tgt Ion: 69 Resp: 1707282

Ion	Ratio	Lower	Upper
69	100		
41	67.6	61.0	91.6
39	31.6	33.8	50.6#





#57

1,3-Dichloropropane

Concen: 100.064 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

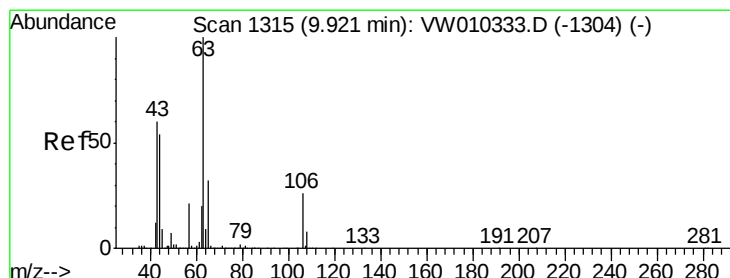
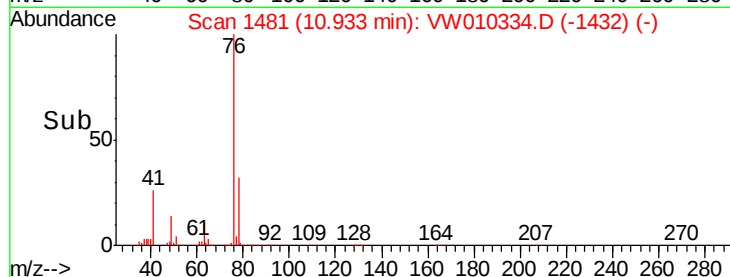
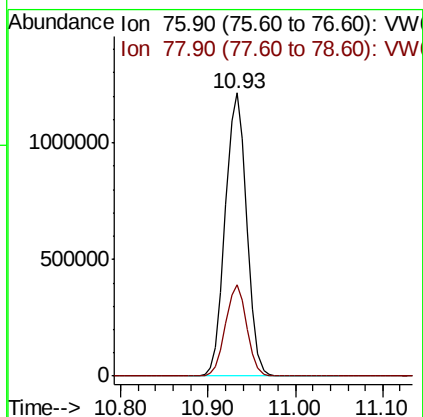
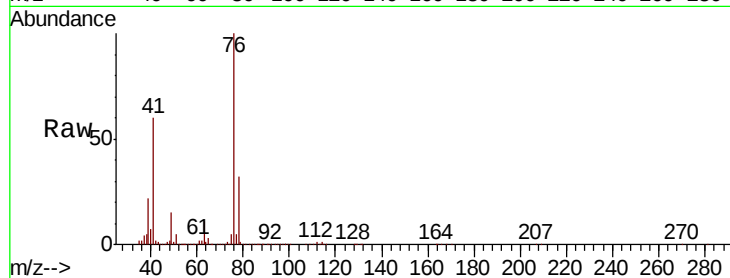
VSTDIC100

Tgt Ion: 76 Resp: 2064413

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 597.546 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW010334.D

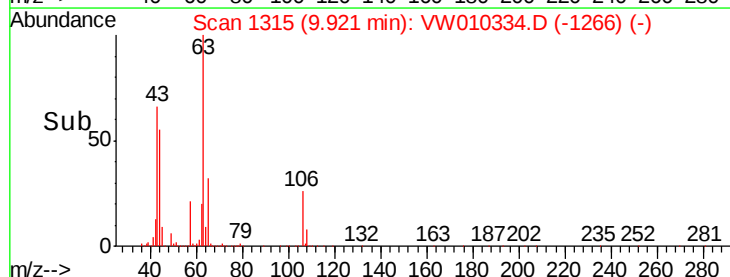
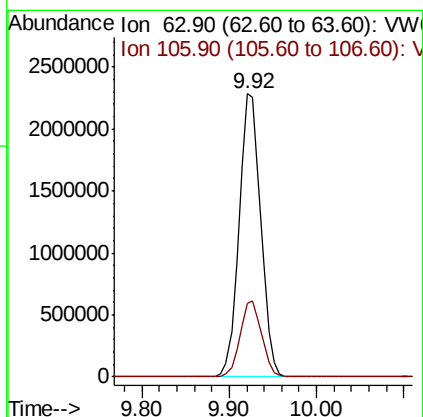
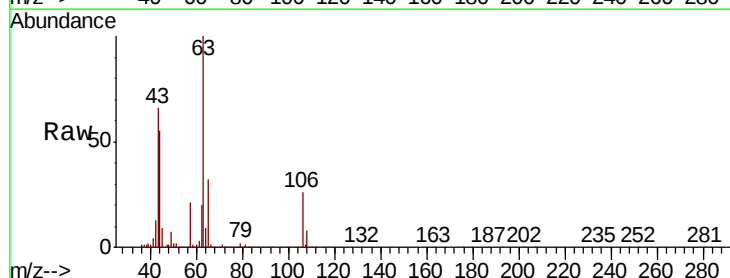
Acq: 09 May 2019 13:02

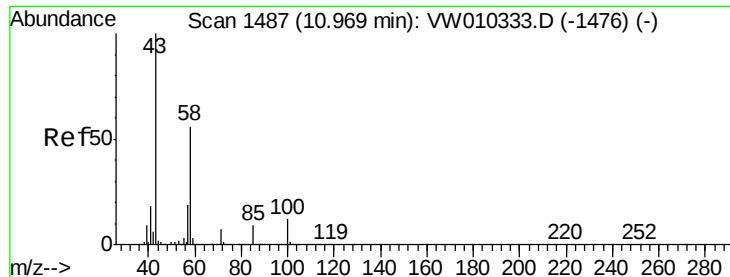
Tgt Ion: 63 Resp: 3937719

Ion Ratio Lower Upper

63 100

106 26.6 21.4 32.0

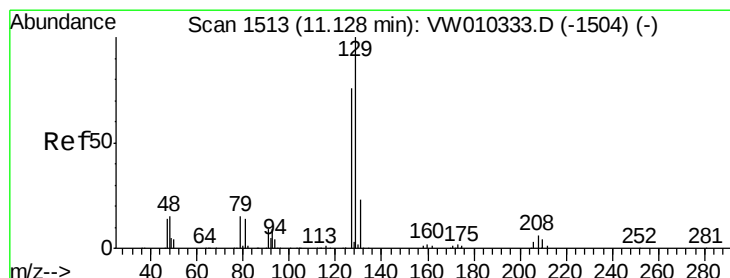
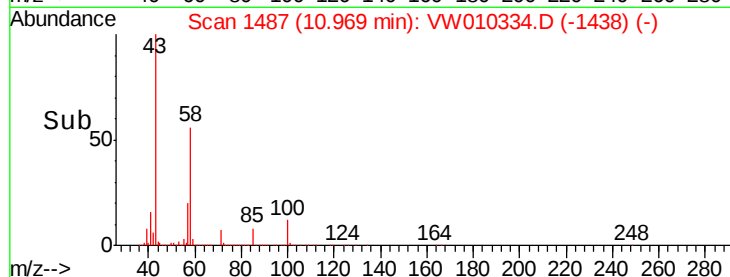
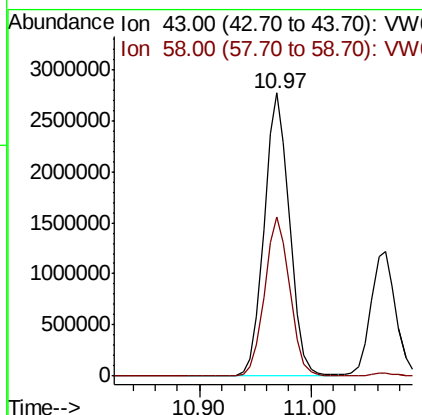
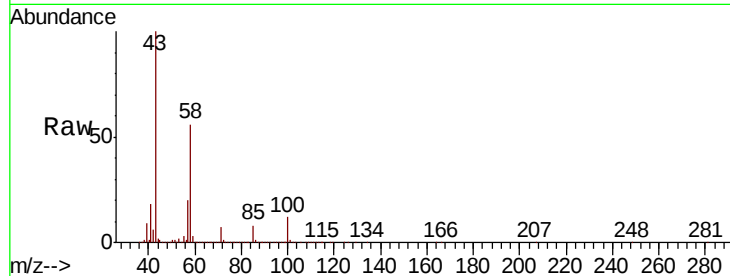




#59
2-Hexanone
Concen: 570.654 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

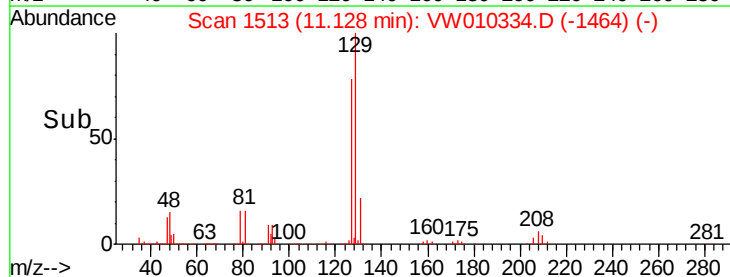
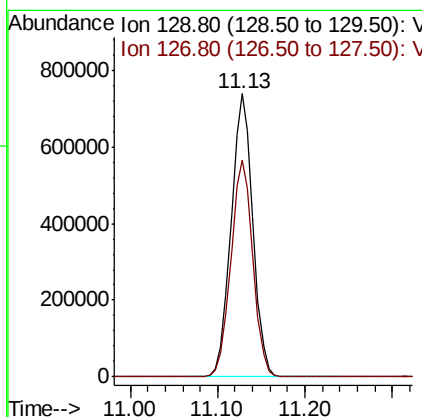
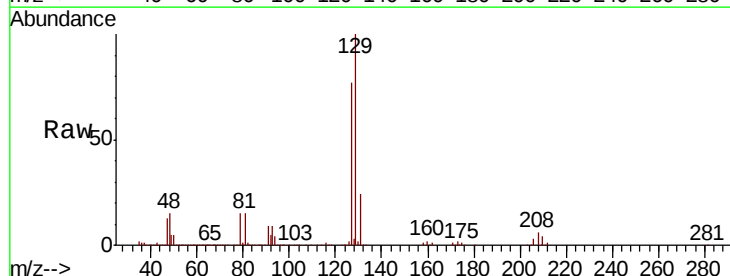
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

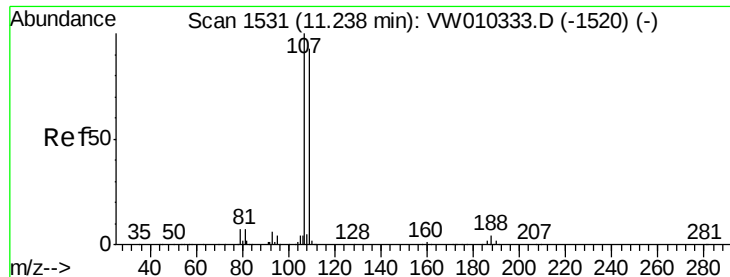
Tgt Ion: 43 Resp: 4386029
Ion Ratio Lower Upper
43 100
58 55.9 24.9 74.7



#60
Dibromochloromethane
Concen: 95.828 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion: 129 Resp: 1274873
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

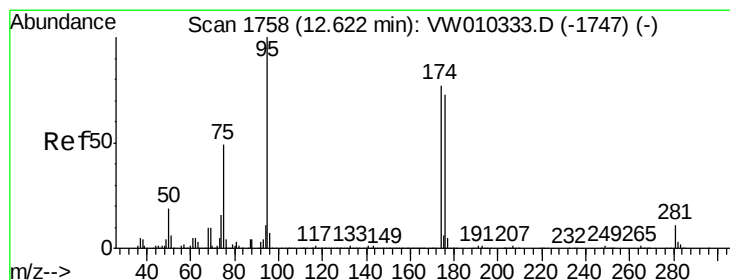
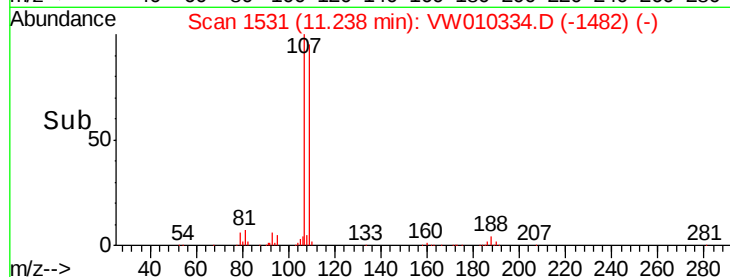
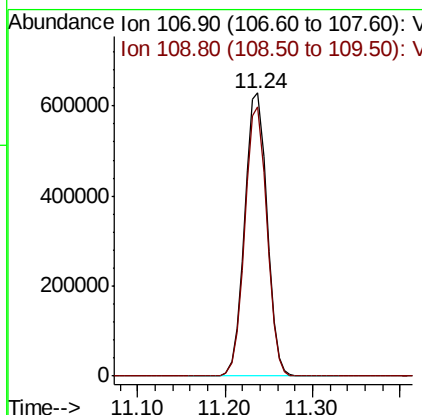
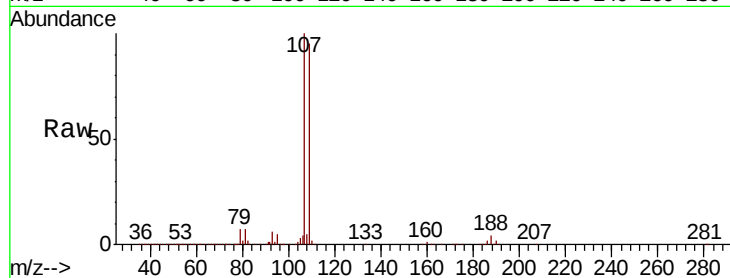




#61
 1,2-Dibromoethane
 Concen: 101.651 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

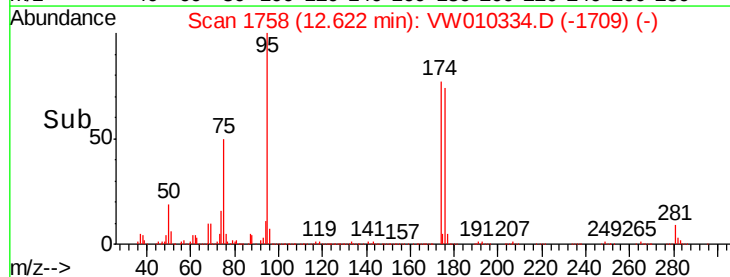
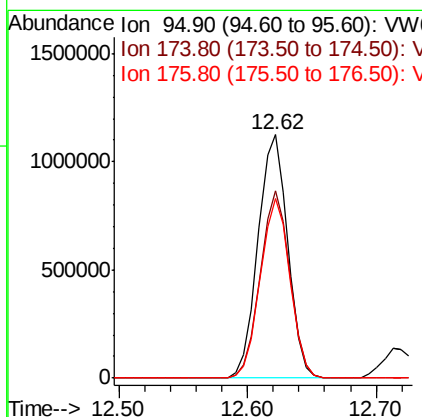
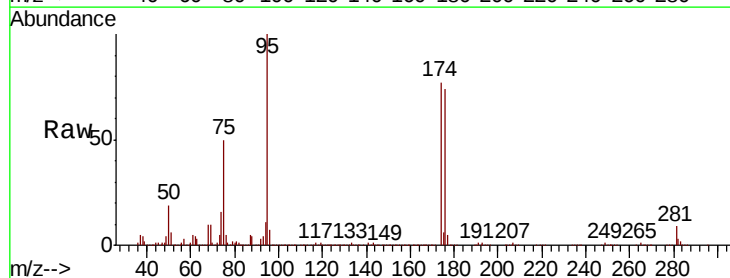
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

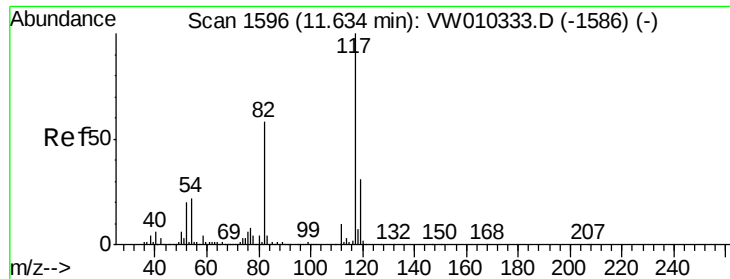
Tgt Ion: 107 Resp: 1113043
 Ion Ratio Lower Upper
 107 100
 109 94.1 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 95.234 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Tgt Ion: 95 Resp: 1787418
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 151.4
 176 74.1 0.0 146.2

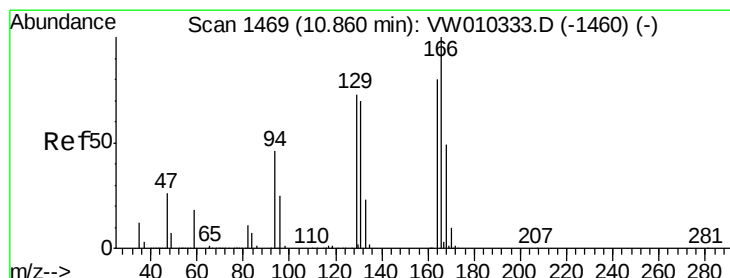
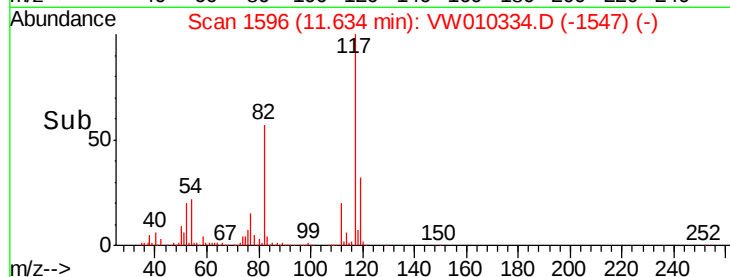
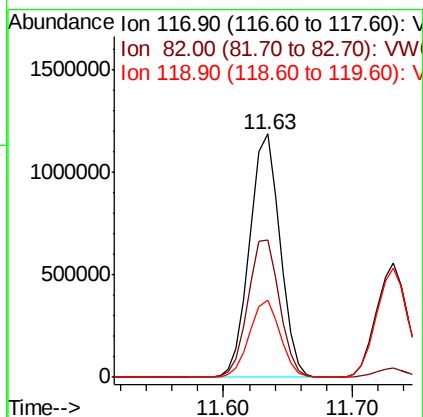
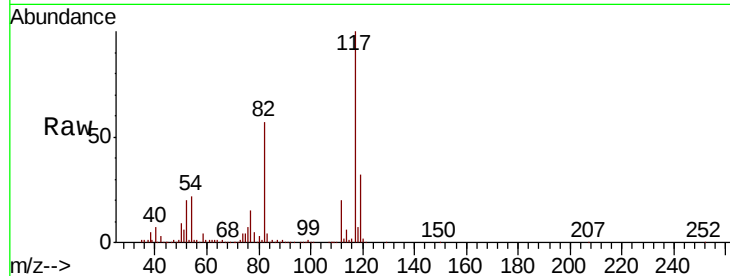




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

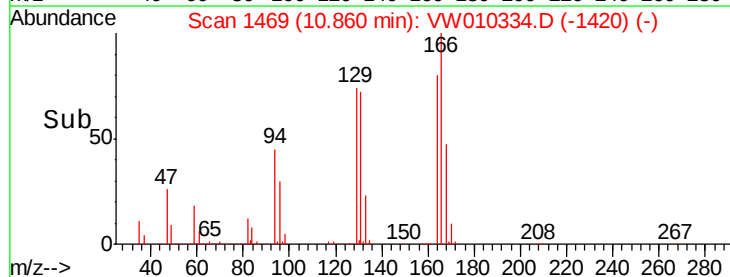
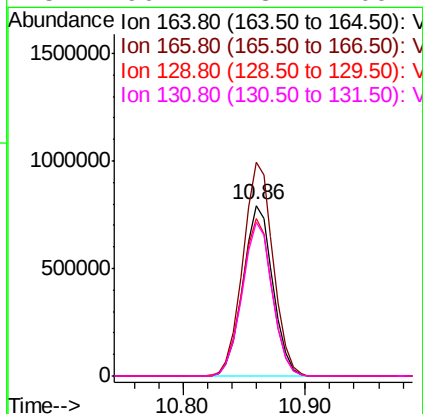
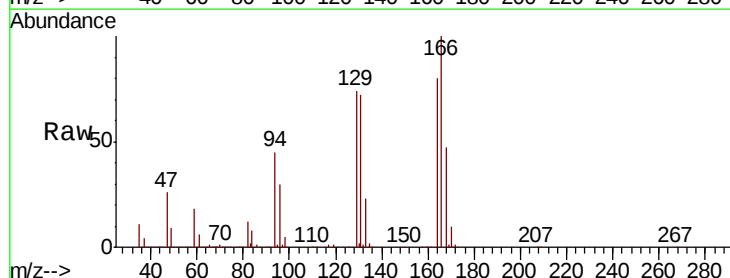
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

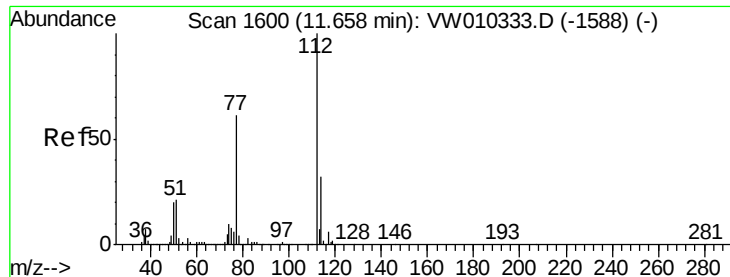
Tgt Ion:117 Resp: 1932264
Ion Ratio Lower Upper
117 100
82 56.6 45.2 67.8
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 107.111 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion:164 Resp: 1343563
Ion Ratio Lower Upper
164 100
166 125.3 101.2 151.8
129 92.5 77.8 116.6
131 90.1 73.1 109.7

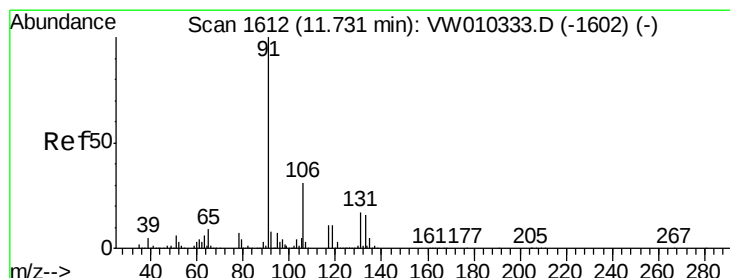
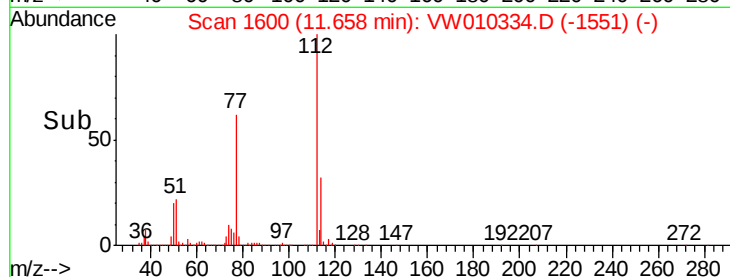
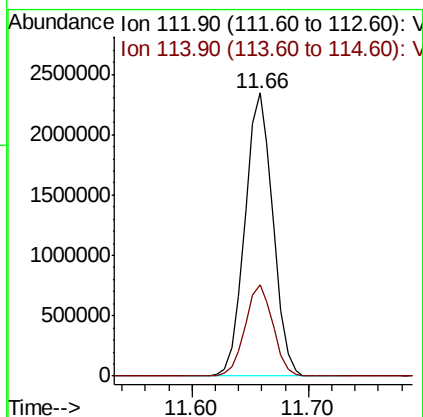
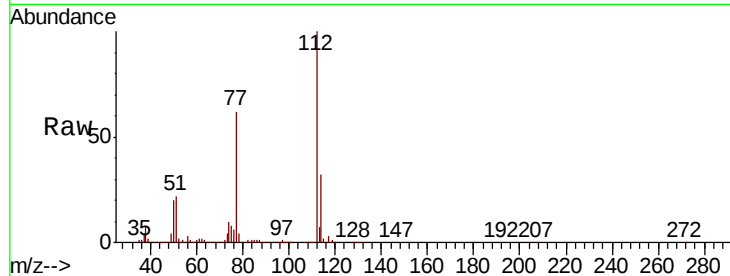




#65
Chlorobenzene
Concen: 99.069 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

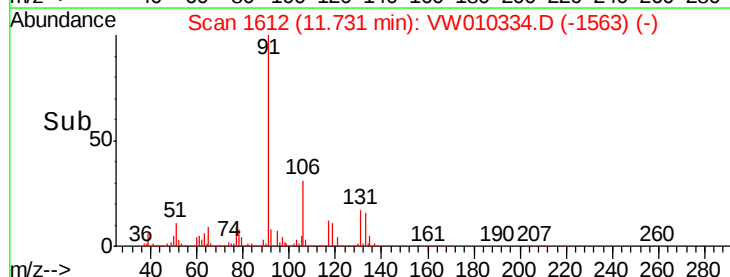
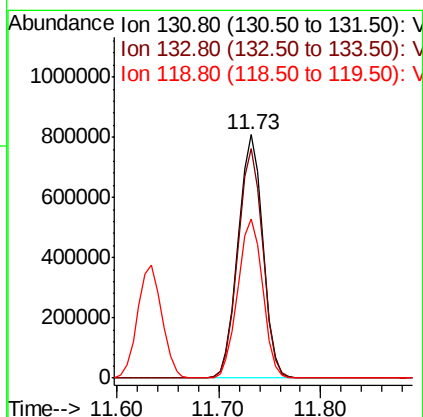
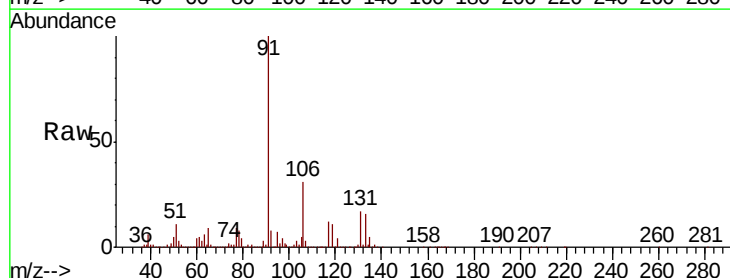
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

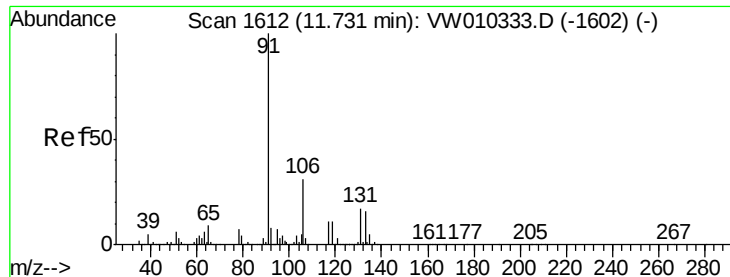
Tgt Ion:112 Resp: 3918005
Ion Ratio Lower Upper
112 100
114 32.2 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 95.383 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion:131 Resp: 1348988
Ion Ratio Lower Upper
131 100
133 95.0 46.5 139.5
119 66.1 31.9 95.5

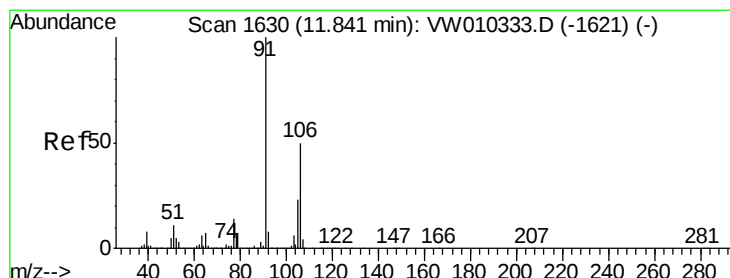
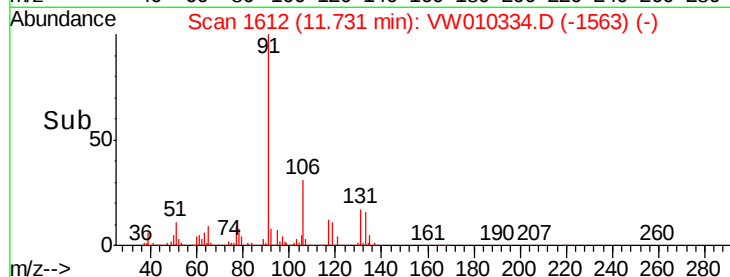
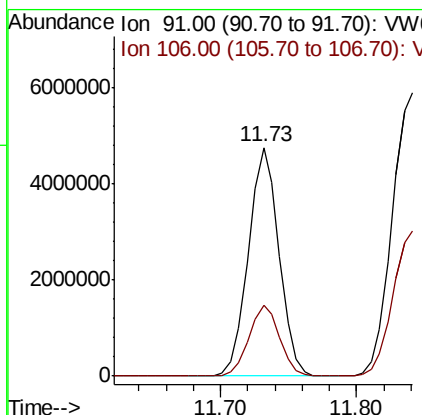
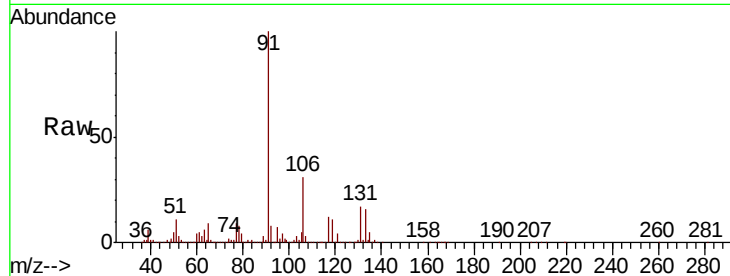




#67
Ethyl Benzene
Concen: 105.987 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

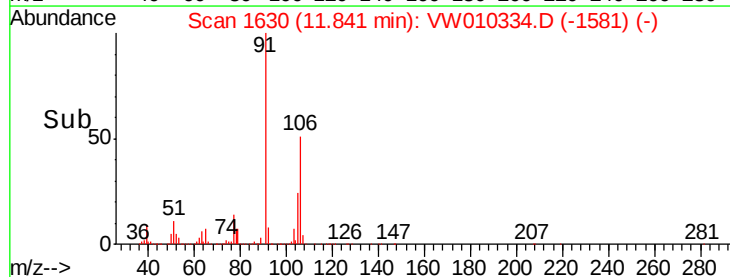
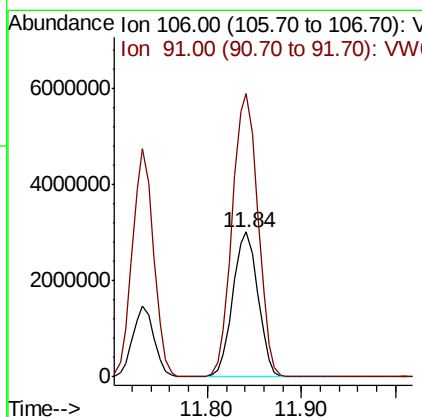
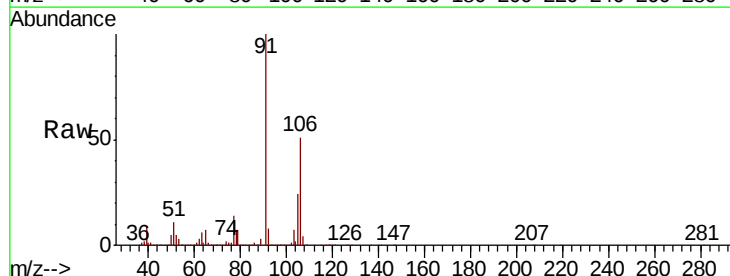
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

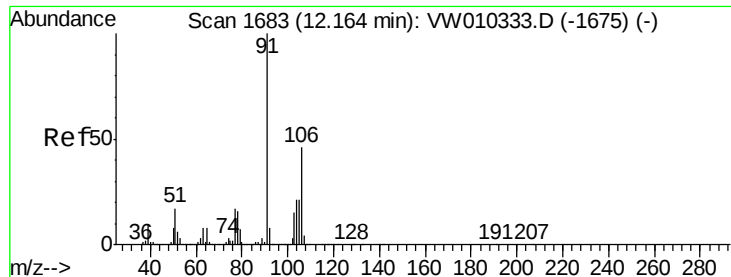
Tgt Ion: 91 Resp: 7478527
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.8



#68
m/p-Xylenes
Concen: 211.551 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion: 106 Resp: 5579852
Ion Ratio Lower Upper
106 100
91 199.7 165.0 247.6

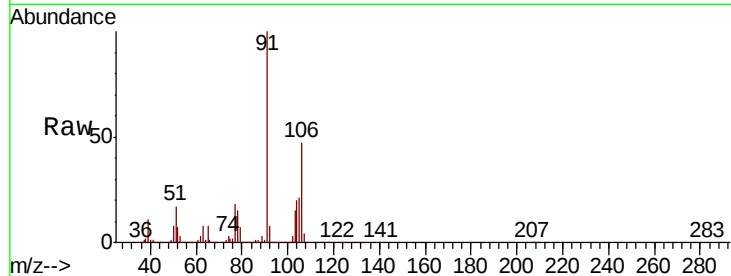




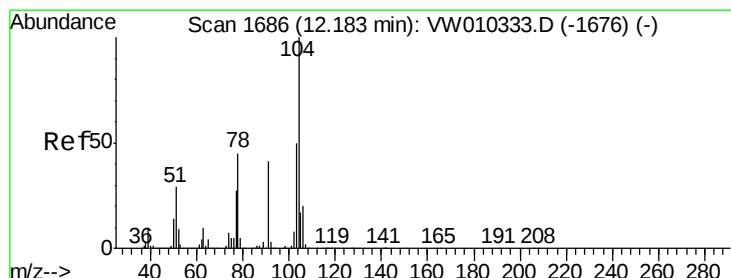
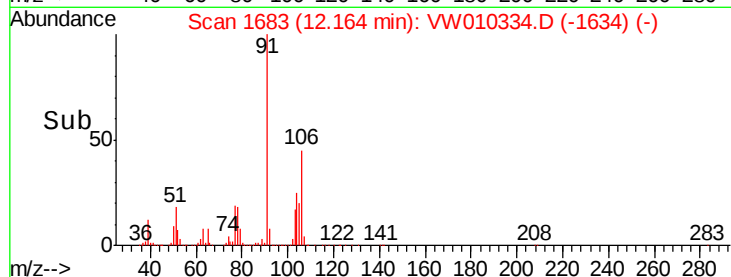
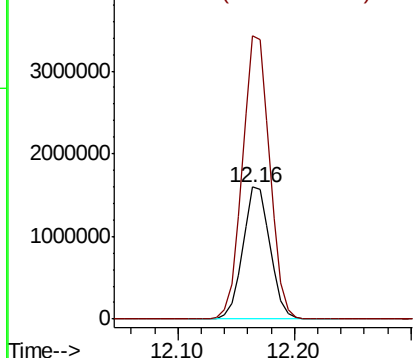
#69
o-Xylene
Concen: 108.062 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 2595254
Ion Ratio Lower Upper
106 100
91 215.4 110.5 331.4

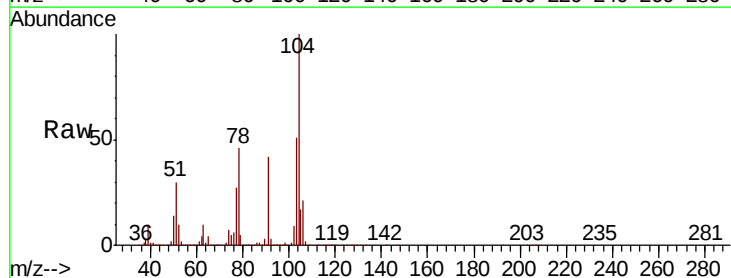


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

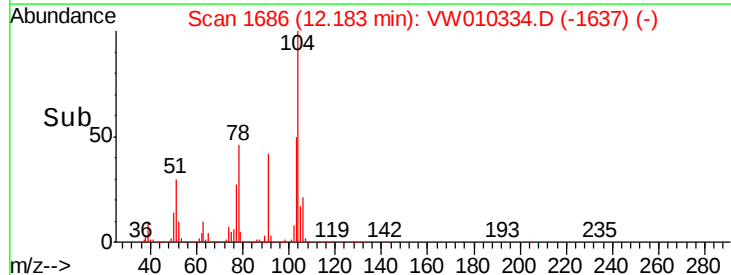
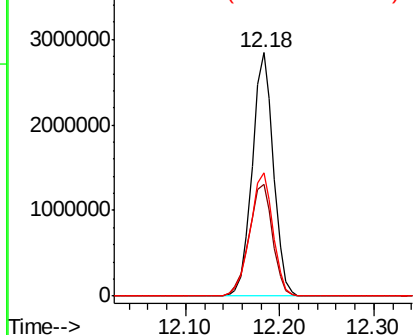


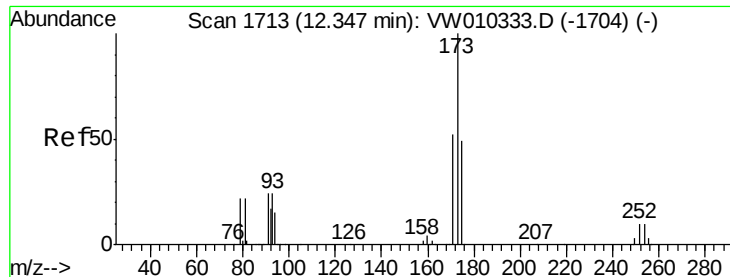
#70
Styrene
Concen: 108.987 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion:104 Resp: 4513008
Ion Ratio Lower Upper
104 100
78 51.0 42.5 63.7
103 54.6 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 104.302 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

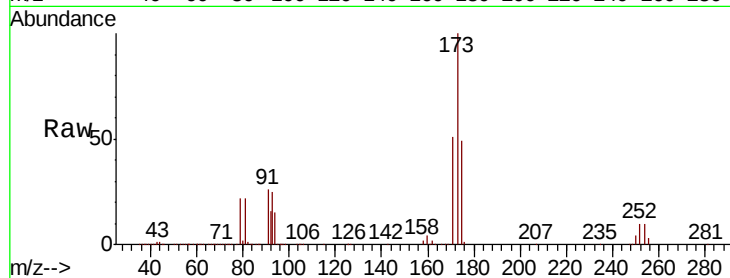
Tgt Ion:173 Resp: 780024

Ion Ratio Lower Upper

173 100

175 48.8 23.8 71.4

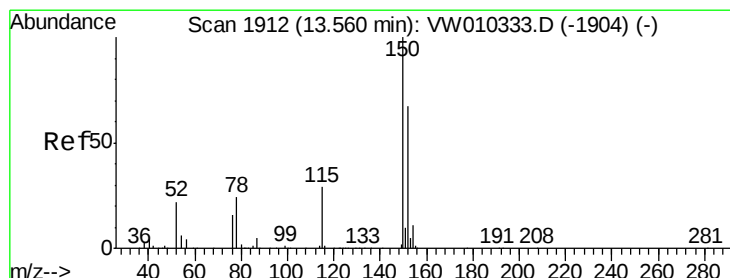
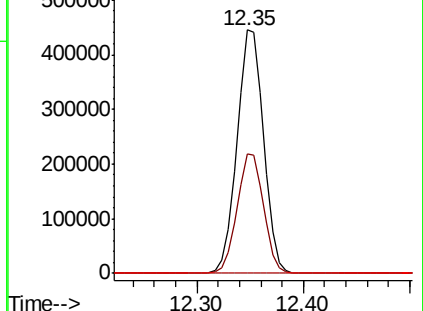
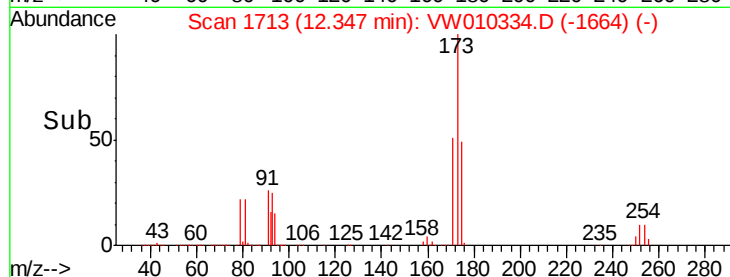
254 0.0 0.1 0.1#



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

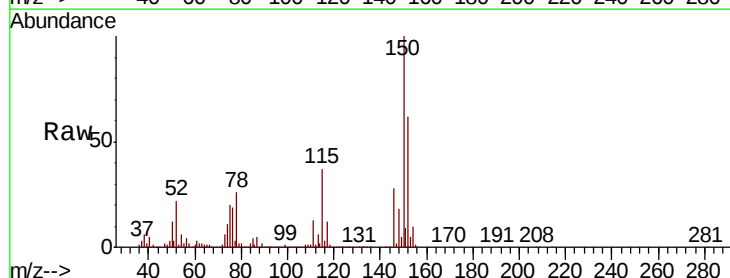
Tgt Ion:152 Resp: 939619

Ion Ratio Lower Upper

152 100

115 59.5 30.4 91.2

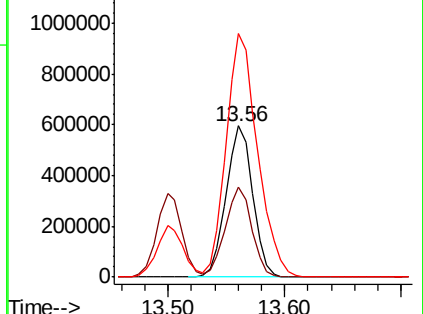
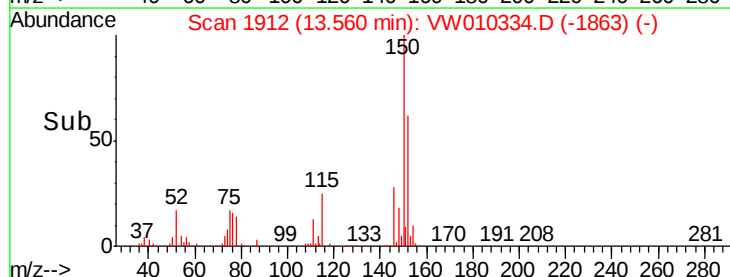
150 190.4 0.0 347.0

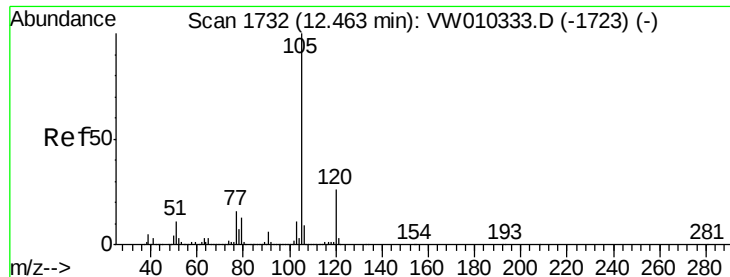


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 110.797 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

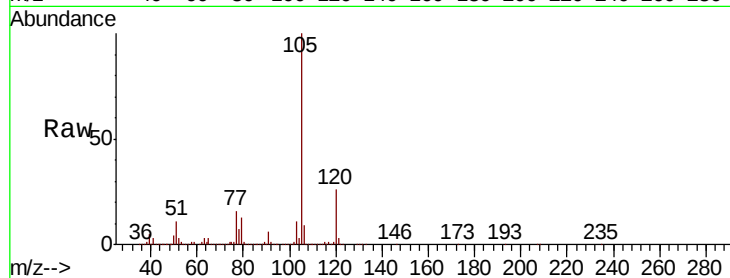
VSTDIC100

Tgt Ion: 105 Resp: 7245631

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

4000000

3000000

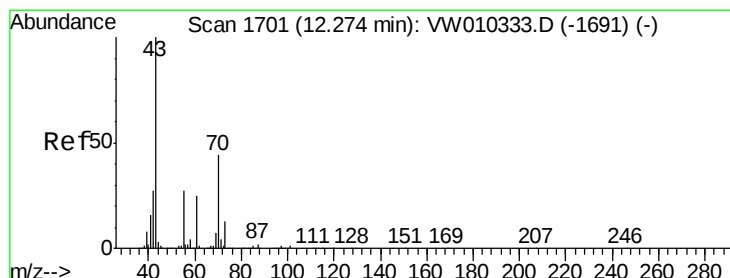
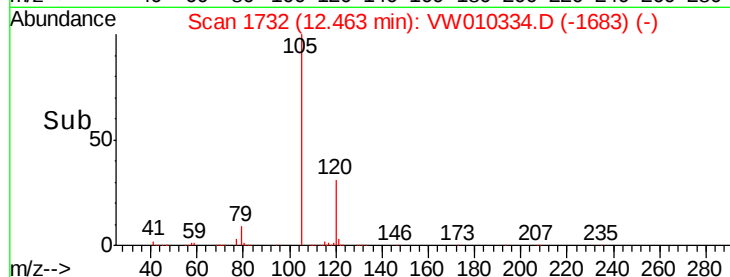
2000000

1000000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 107.374 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Tgt Ion: 43 Resp: 1944546

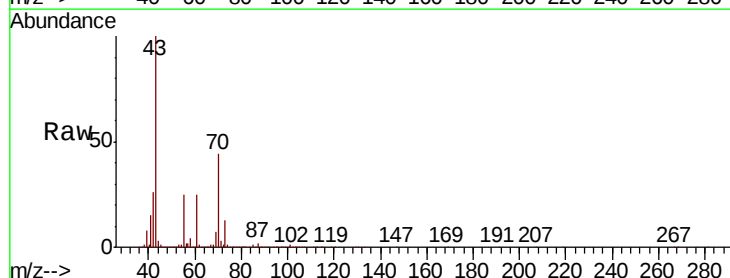
Ion Ratio Lower Upper

43 100

70 44.0 31.3 46.9

55 25.8 20.0 30.0

61 25.0 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

2000000

1500000

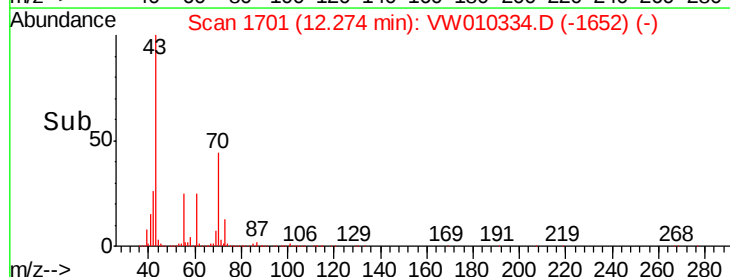
1000000

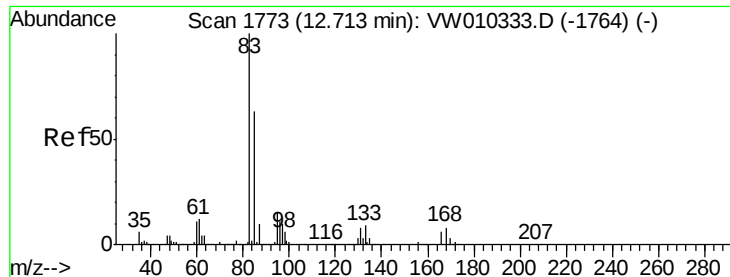
500000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 114.255 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

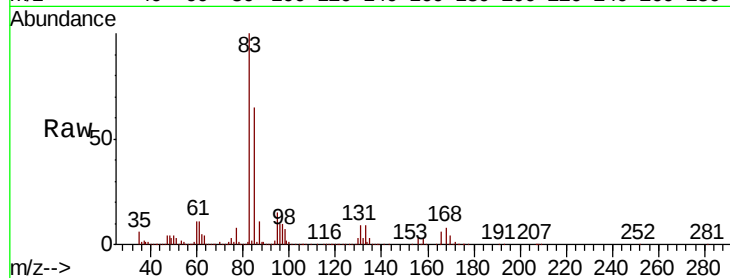
Tgt Ion: 83 Resp: 1476179

Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.8

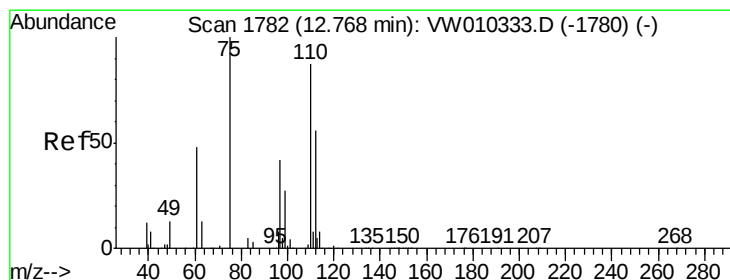
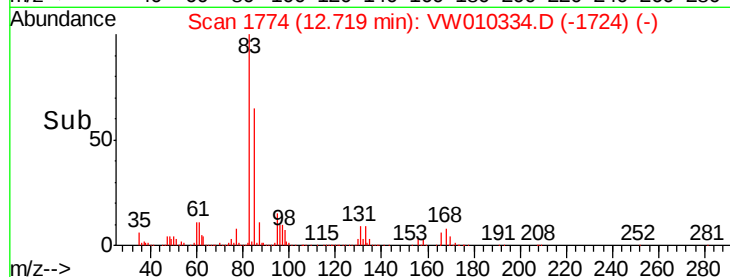
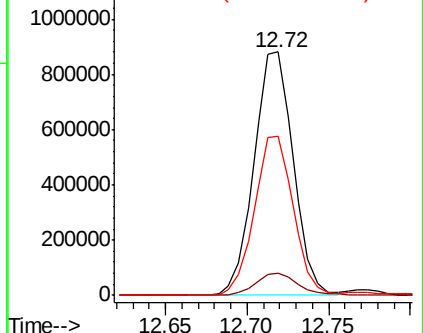
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 207.367 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010334.D

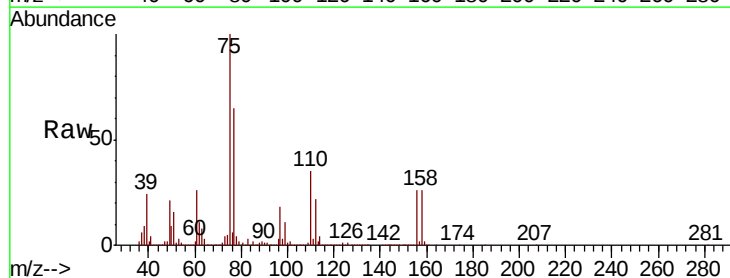
Acq: 09 May 2019 13:02

Tgt Ion: 75 Resp: 1950117

Ion Ratio Lower Upper

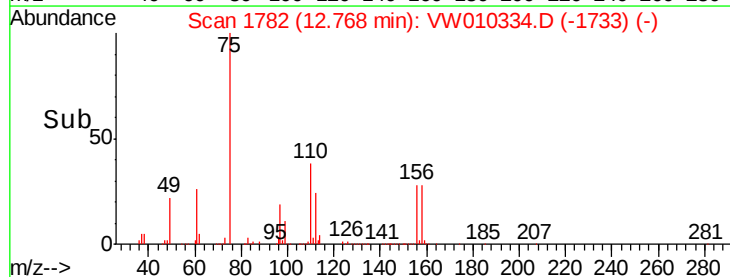
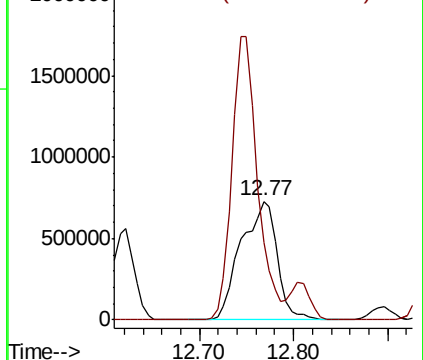
75 100

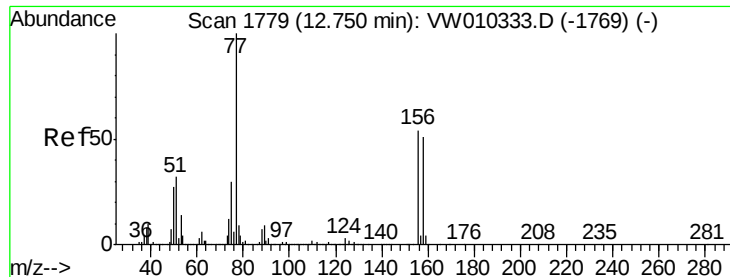
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 104.160 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

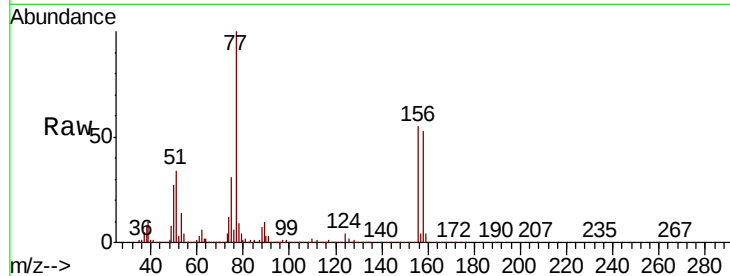
Tgt Ion:156 Resp: 1566572

Ion Ratio Lower Upper

156 100

77 208.7 102.5 307.4

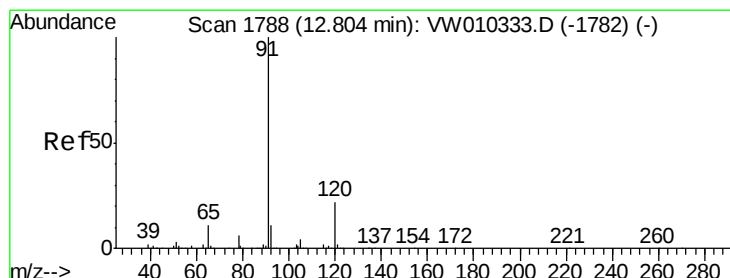
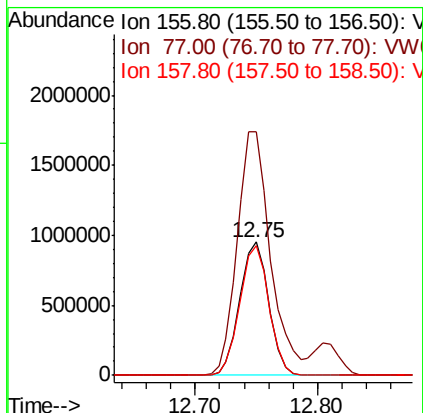
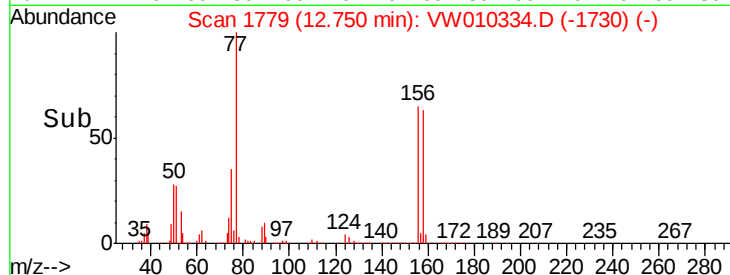
158 97.4 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 107.964 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010334.D

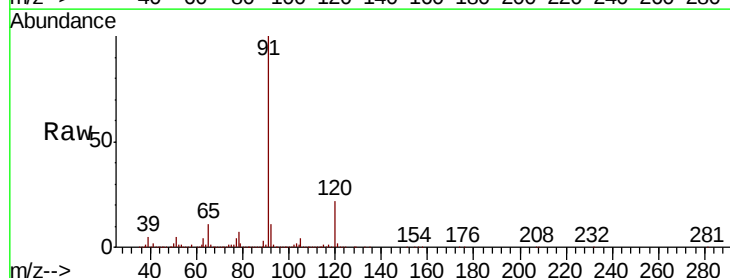
Acq: 09 May 2019 13:02

Tgt Ion: 91 Resp: 8750489

Ion Ratio Lower Upper

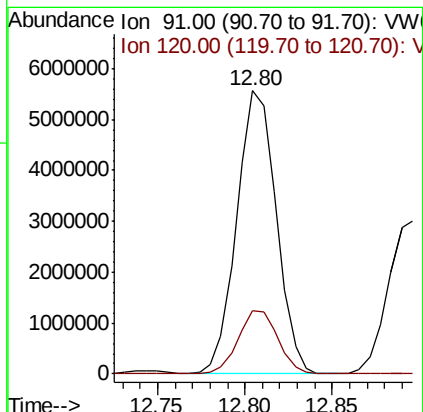
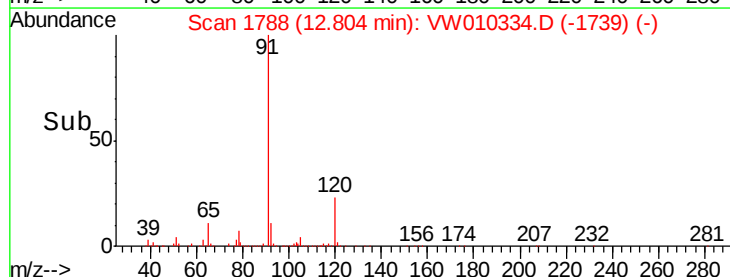
91 100

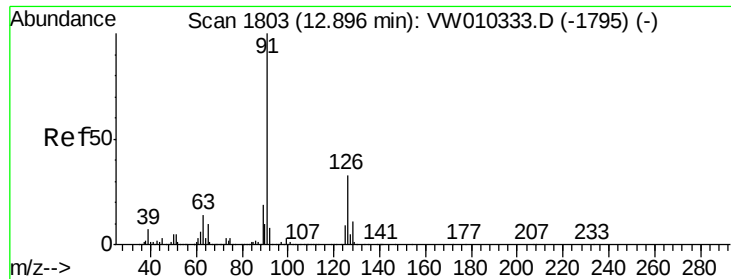
120 22.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 105.558 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

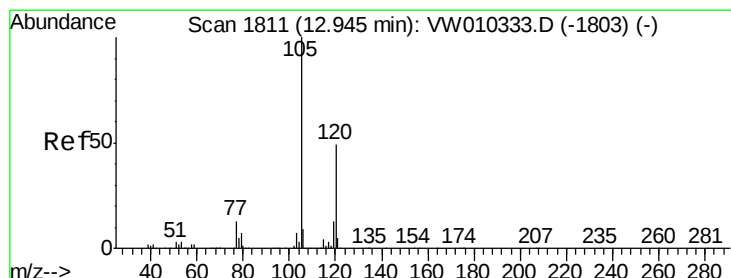
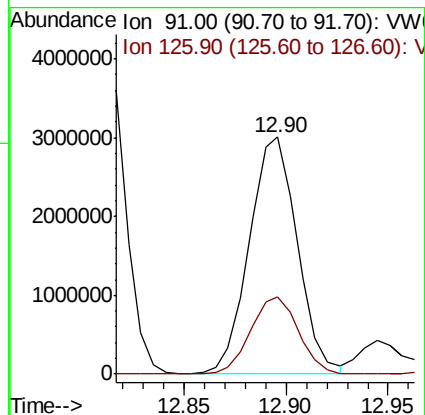
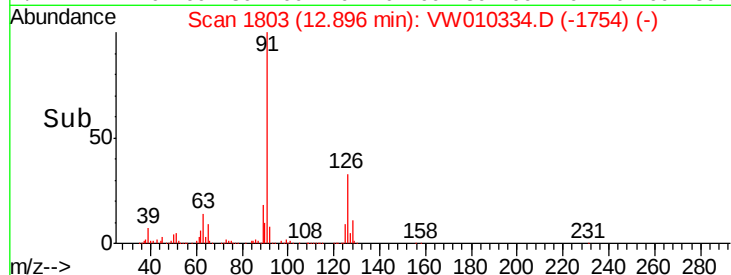
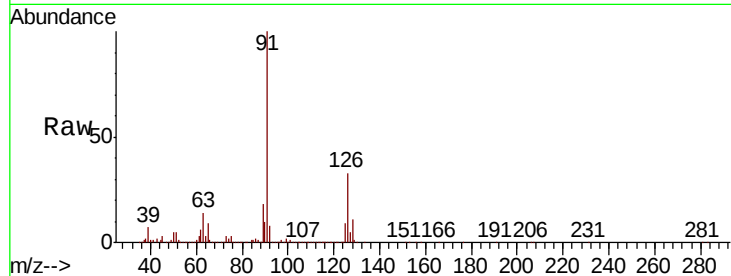
VSTDIC100

Tgt Ion: 91 Resp: 4920439

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 108.712 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010334.D

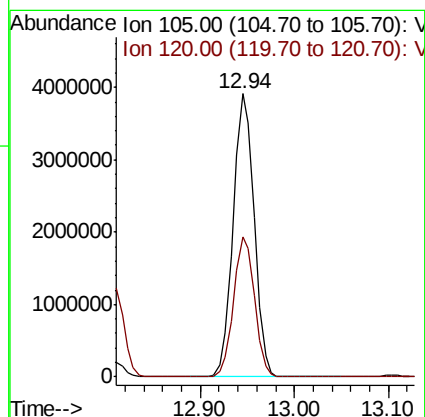
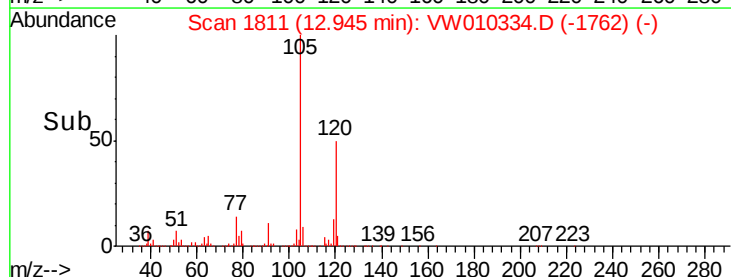
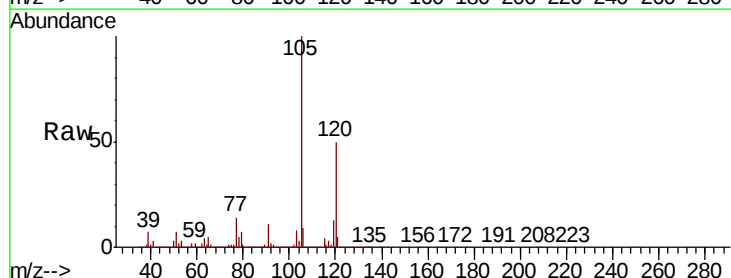
Acq: 09 May 2019 13:02

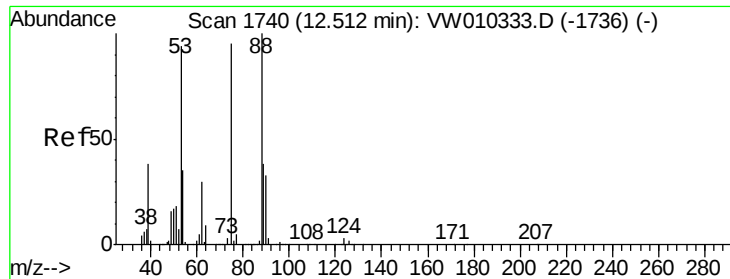
Tgt Ion: 105 Resp: 6027798

Ion Ratio Lower Upper

105 100

120 49.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 130.466 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

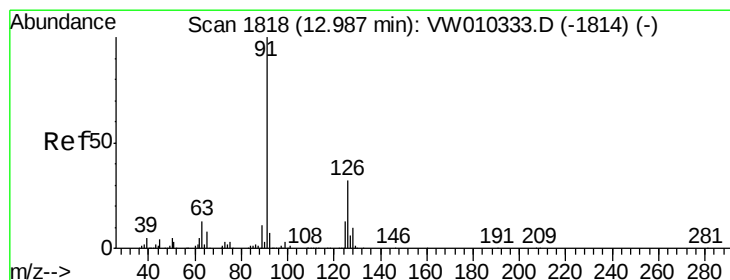
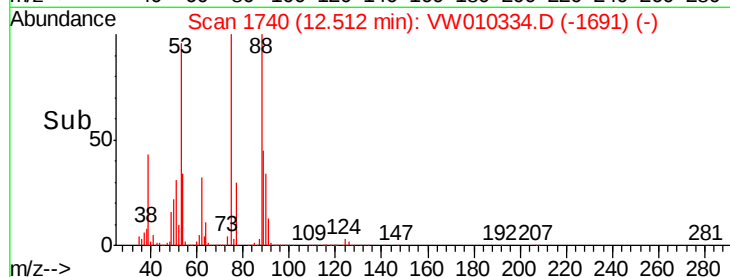
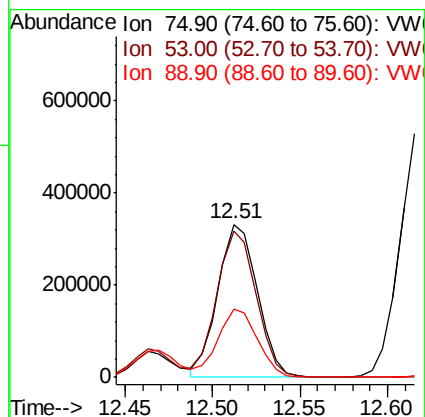
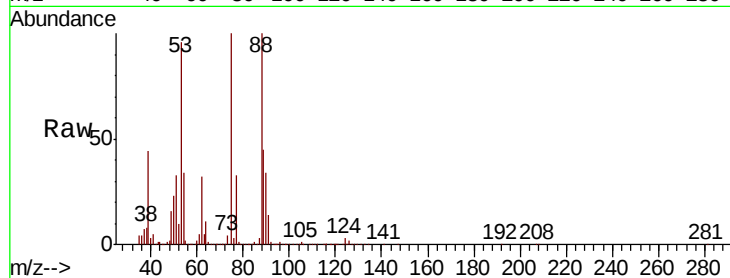
Tgt Ion: 75 Resp: 520334

Ion Ratio Lower Upper

75 100

53 97.5 89.8 134.8

89 45.3 36.6 54.8



#82

4-Chlorotoluene

Concen: 104.156 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW010334.D

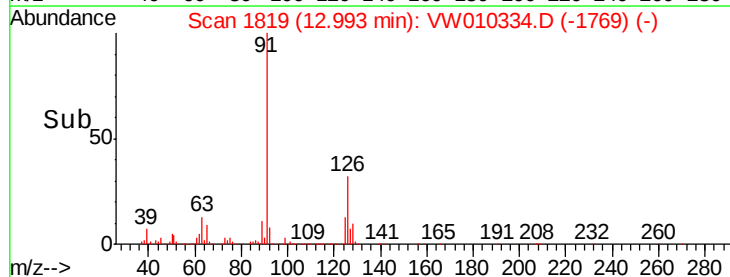
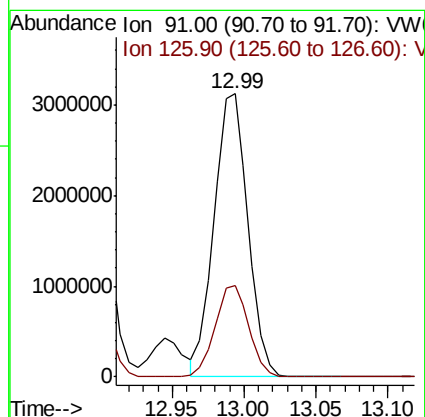
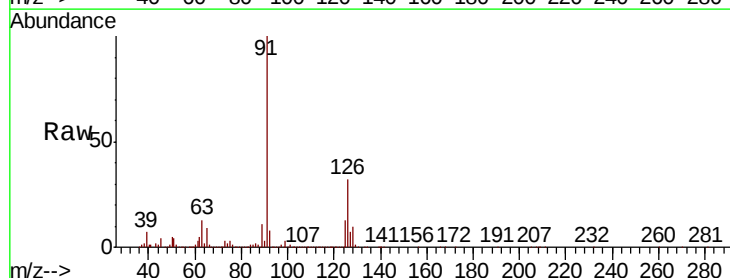
Acq: 09 May 2019 13:02

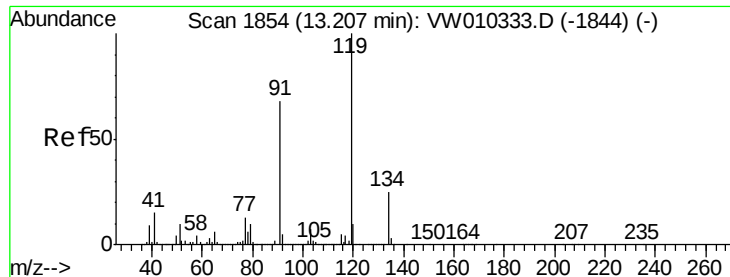
Tgt Ion: 91 Resp: 5109817

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1





#83

tert-Butylbenzene

Concen: 115.317 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

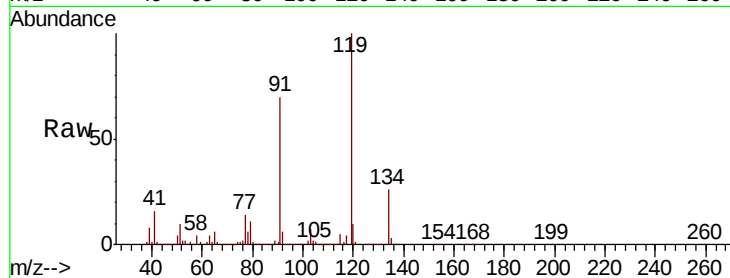
Tgt Ion:119 Resp: 5295020

Ion Ratio Lower Upper

119 100

91 65.8 34.8 104.4

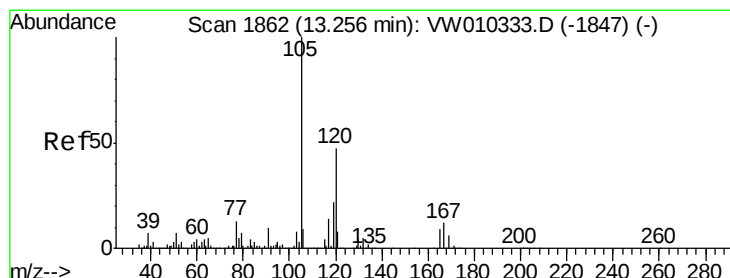
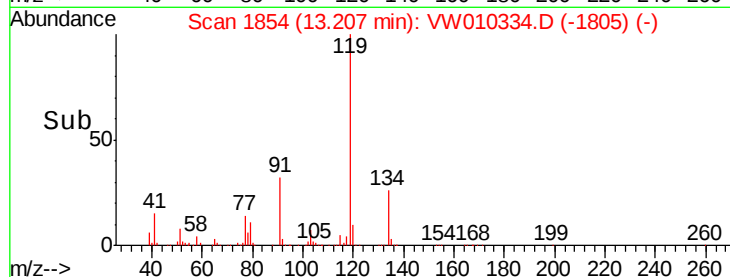
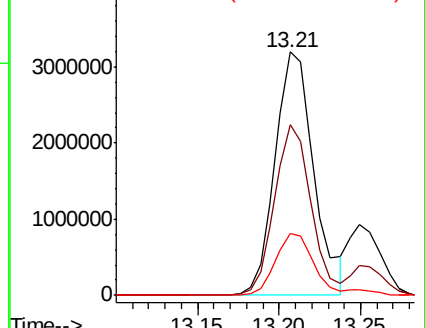
134 26.4 13.7 41.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 105.924 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW010334.D

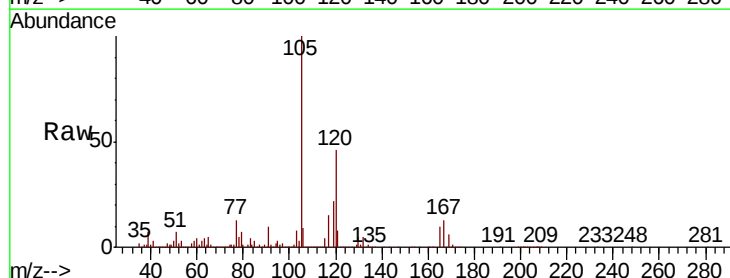
Acq: 09 May 2019 13:02

Tgt Ion:105 Resp: 5954716

Ion Ratio Lower Upper

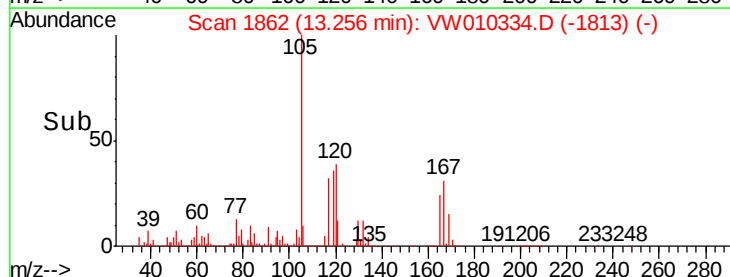
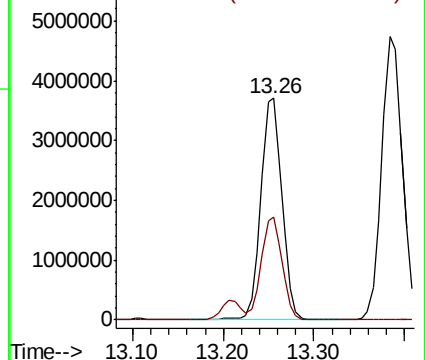
105 100

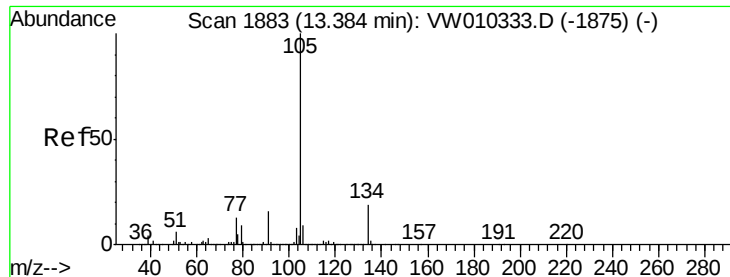
120 45.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

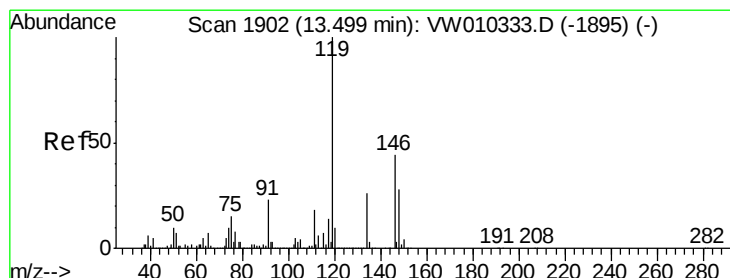
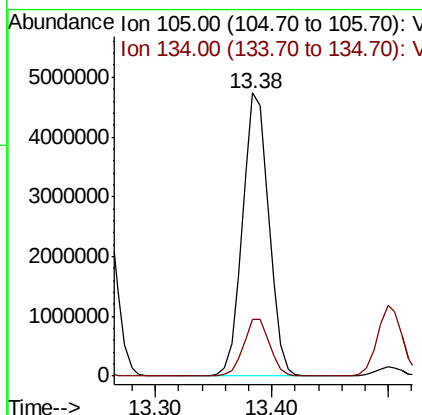
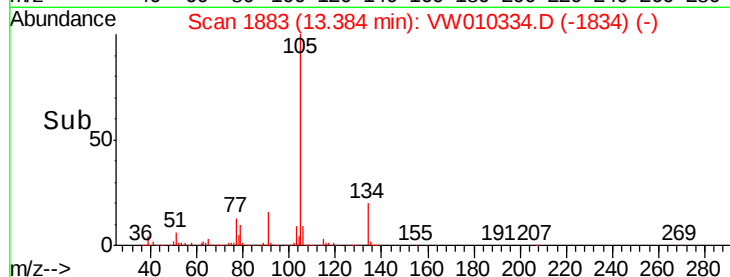
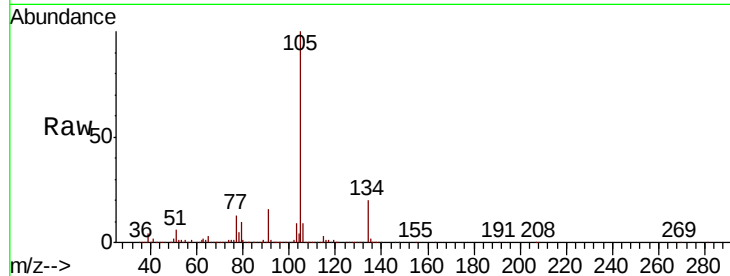




#85
 sec-Butylbenzene
 Concen: 108.553 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

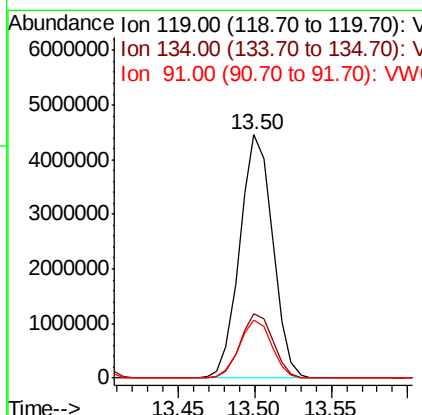
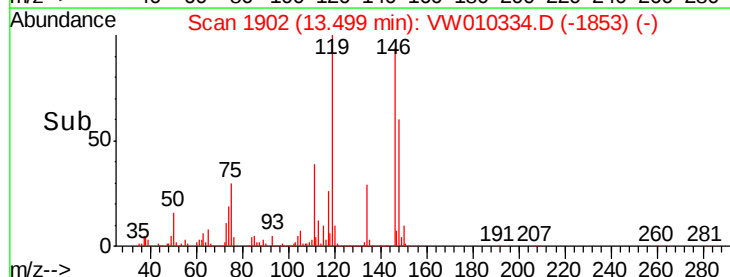
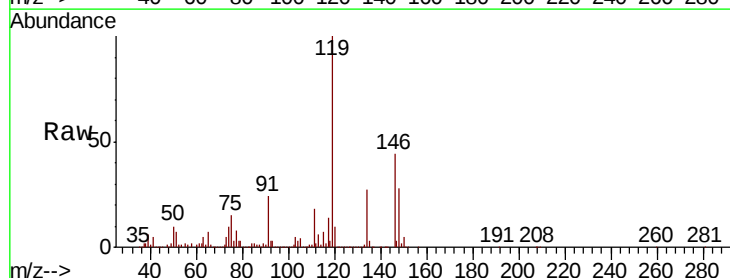
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

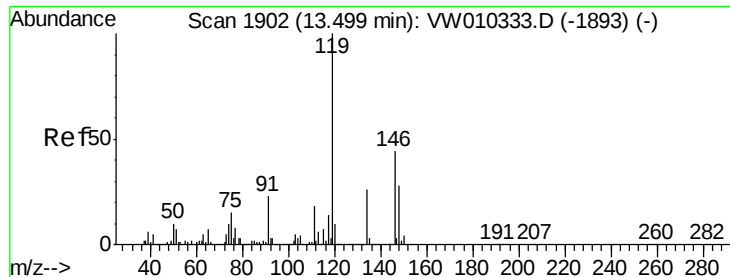
Tgt Ion:105 Resp: 7448669
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 110.182 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Tgt Ion:119 Resp: 6663835
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 23.8 12.3 36.9

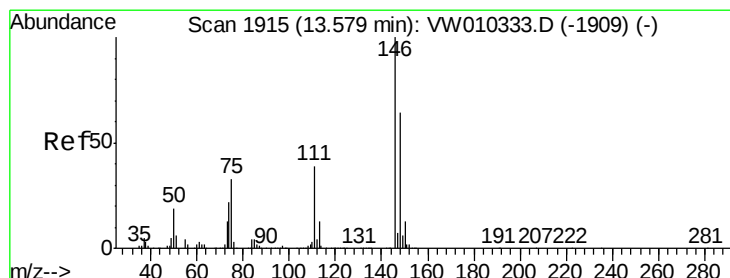
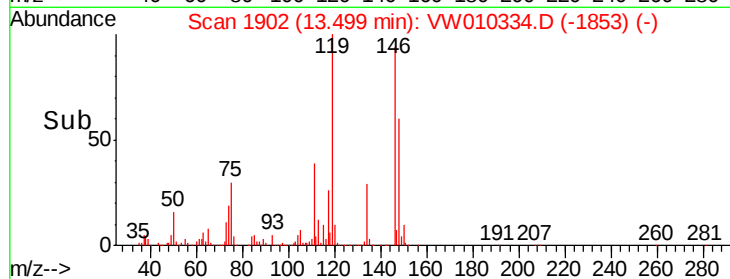
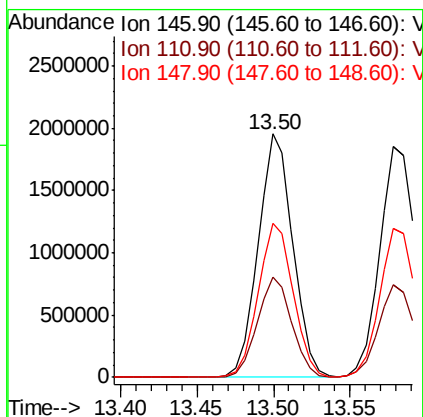
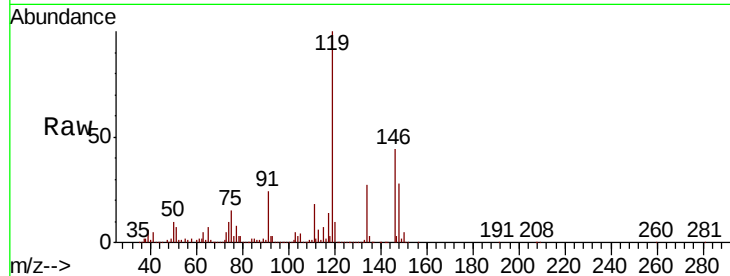




#87
 1,3-Dichlorobenzene
 Concen: 101.197 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

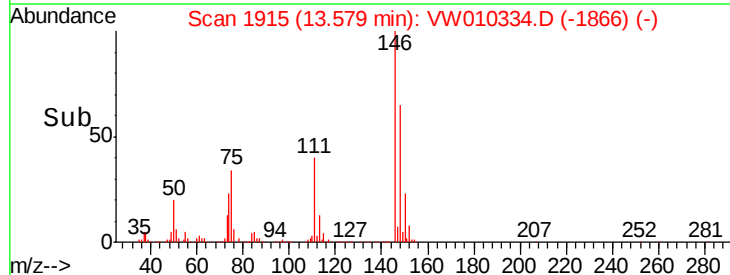
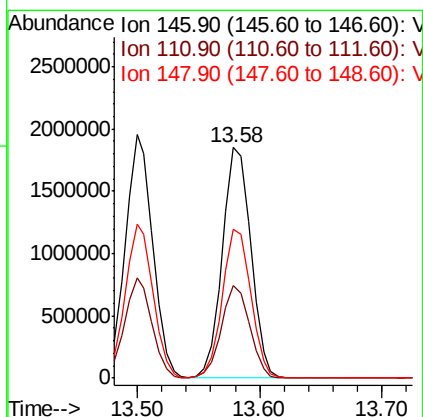
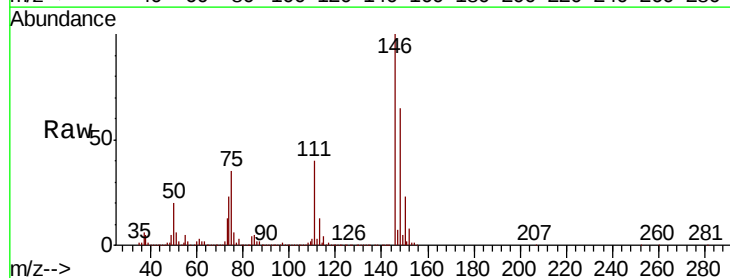
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

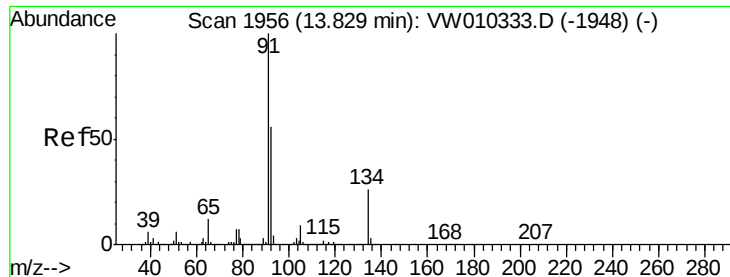
Tgt Ion:146 Resp: 3076665
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 61.0
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 98.637 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Tgt Ion:146 Resp: 2993292
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.1 60.3
 148 64.3 31.8 95.3





#89

n-Butylbenzene

Concen: 111.518 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010334.D

Acq: 09 May 2019 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

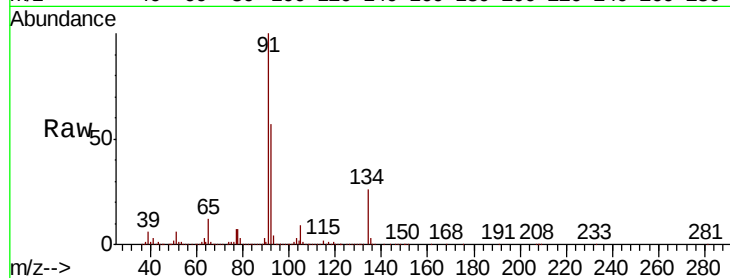
Tgt Ion: 91 Resp: 6682129

Ion Ratio Lower Upper

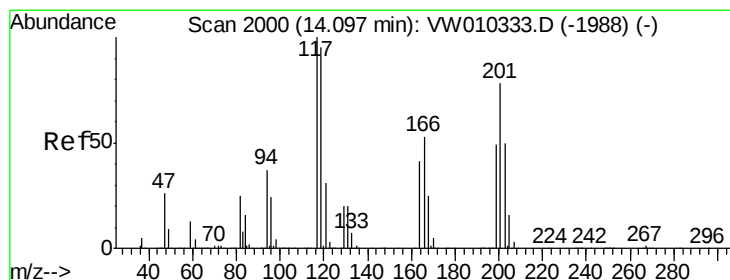
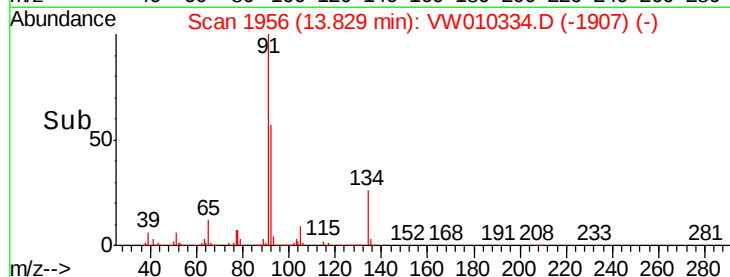
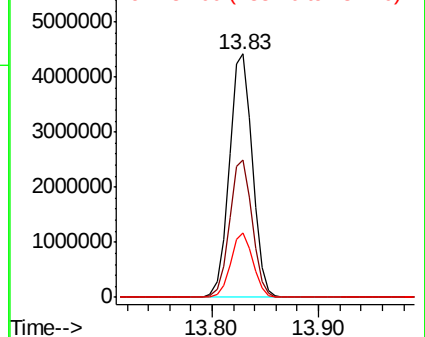
91 100

92 55.9 26.5 79.4

134 25.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 104.539 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010334.D

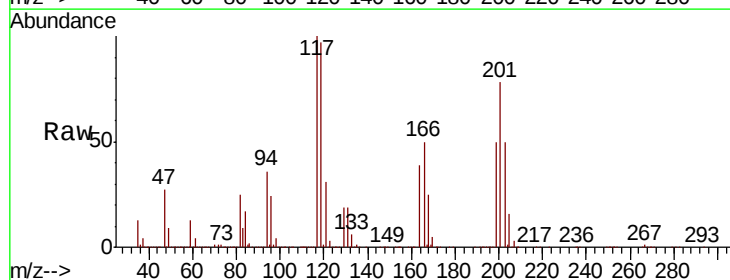
Acq: 09 May 2019 13:02

Tgt Ion: 117 Resp: 1210964

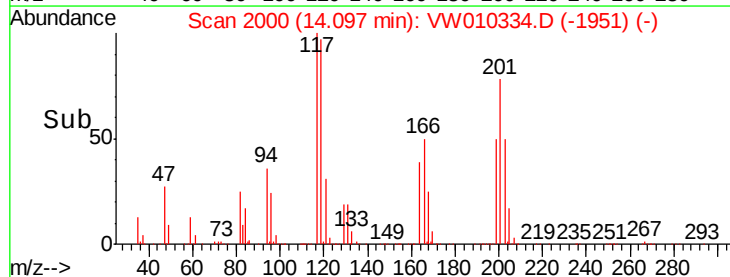
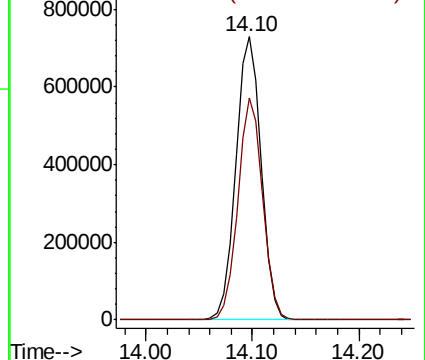
Ion Ratio Lower Upper

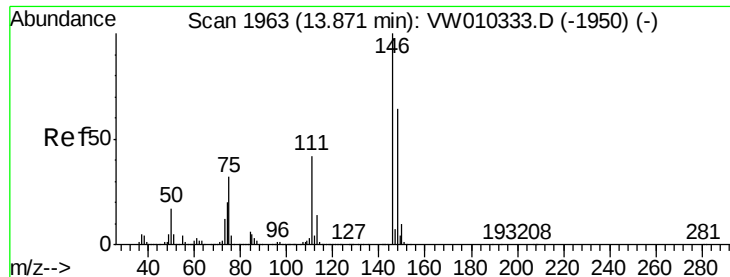
117 100

201 76.9 36.1 108.3



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

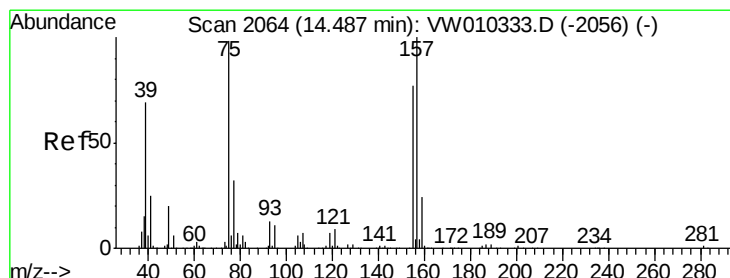
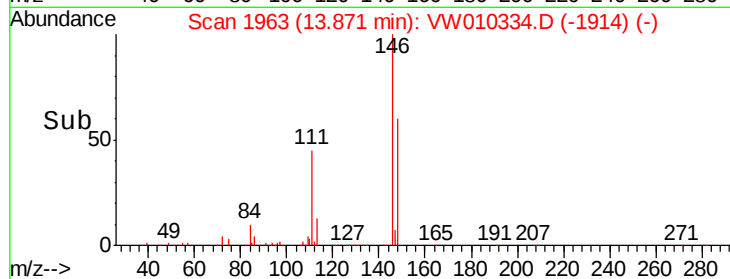
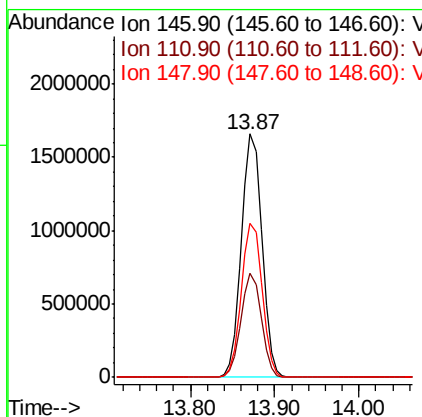
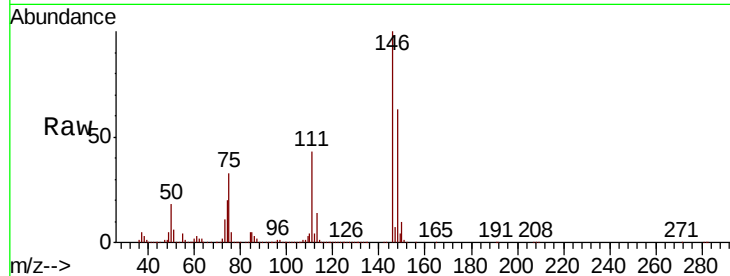




#91
 1,2-Dichlorobenzene
 Concen: 99.014 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

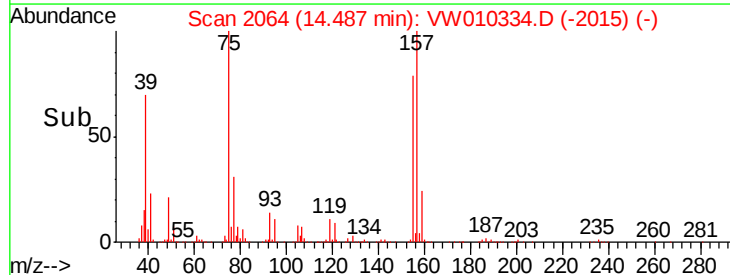
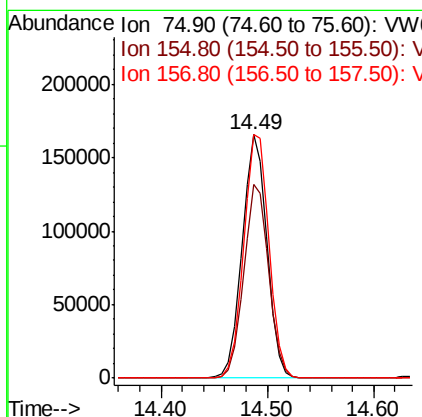
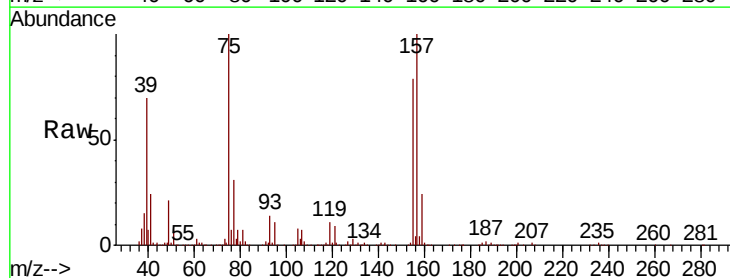
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

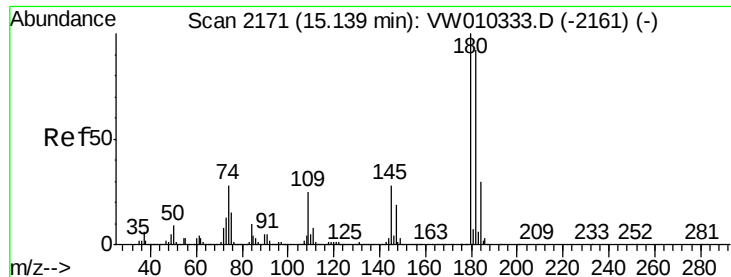
Tgt Ion: 146 Resp: 2699143
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.9 62.8
 148 64.2 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 116.482 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Tgt Ion: 75 Resp: 269323
 Ion Ratio Lower Upper
 75 100
 155 80.2 37.1 111.5
 157 102.3 47.3 141.9

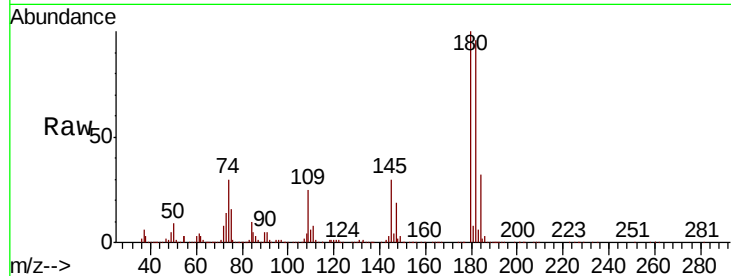




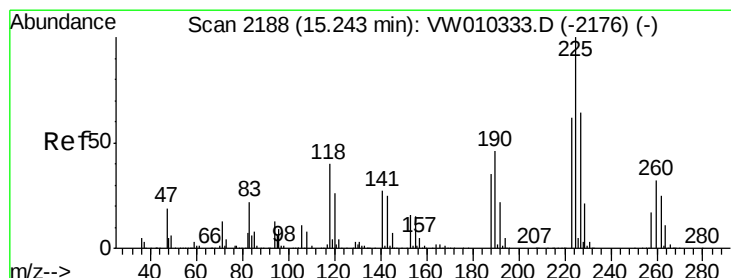
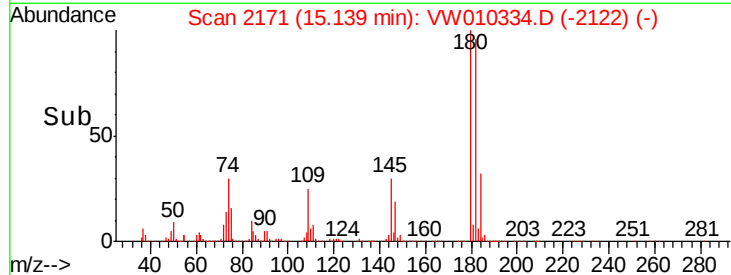
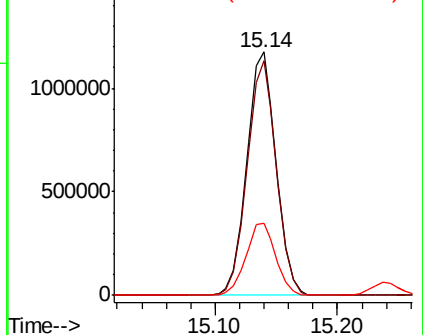
#93
 1,2,4-Trichlorobenzene
 Concen: 108.555 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 1952271
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.4
 145 30.1 15.2 45.6

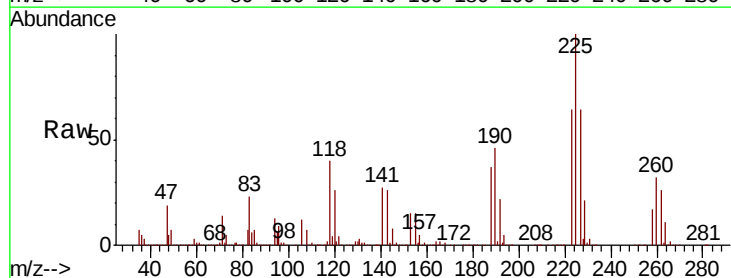


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

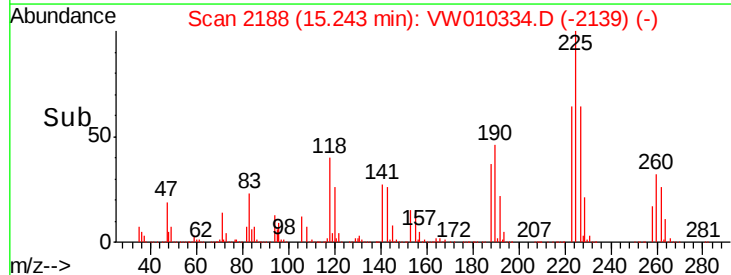
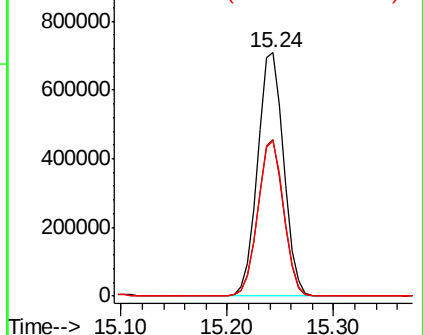


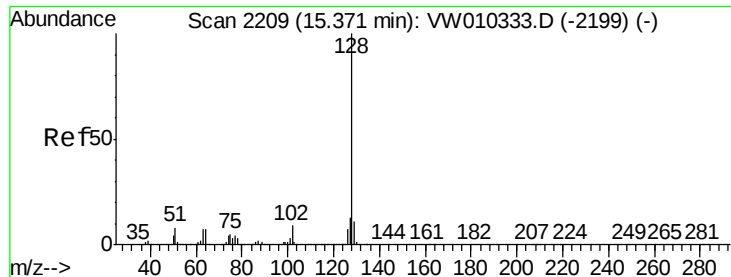
#94
 Hexachlorobutadiene
 Concen: 111.673 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010334.D
 Acq: 09 May 2019 13:02

Tgt Ion:225 Resp: 1219574
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.5
 227 63.4 31.8 95.3



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

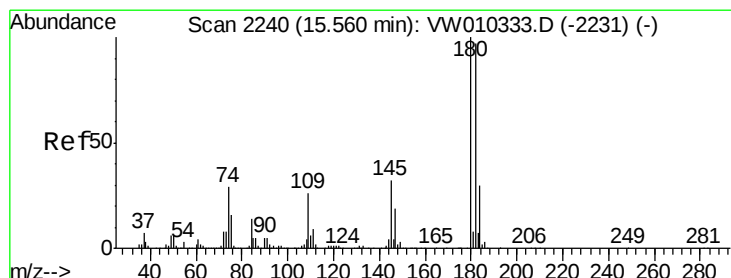
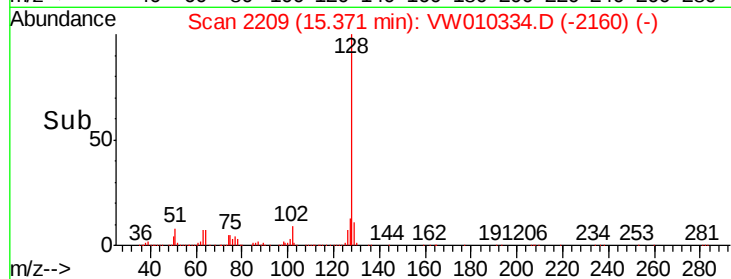
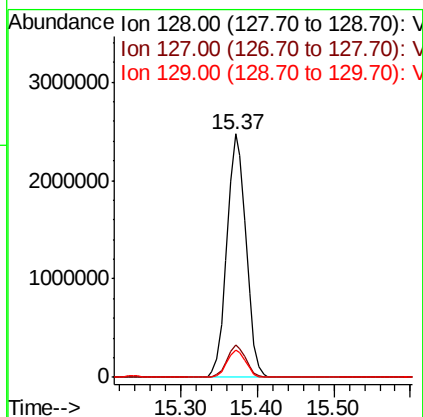
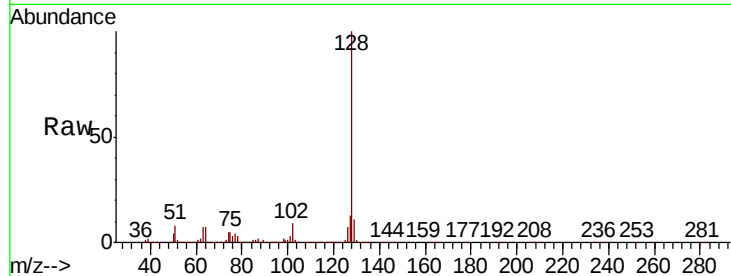




#95
Naphthalene
Concen: 131.779 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 4254850
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 112.450 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010334.D
Acq: 09 May 2019 13:02

Tgt Ion:180 Resp: 1754554
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.3
145 31.5 16.4 49.2

