

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050919\
 Data File : VW010333.D
 Acq On : 09 May 2019 12:34
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: May 09 13:13:51 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	1353476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2125517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1905891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	944566	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	727216	43.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.08%	
35) Dibromofluoromethane	7.88	113	638656	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	10.32	98	2657814	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.62	95	926603	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	506034	49.034	ug/l	100
3) Chloromethane	2.21	50	645089	62.507	ug/l	98
4) Vinyl Chloride	2.37	62	824374	68.719	ug/l	98
5) Bromomethane	2.78	94	470382	58.346	ug/l	99
6) Chloroethane	2.92	64	489556	62.458	ug/l	93
7) Trichlorofluoromethane	3.25	101	420193	50.661	ug/l	96
8) Diethyl Ether	3.67	74	367628	53.284	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.05	101	673984	48.291	ug/l	99
10) Methyl Iodide	4.26	142	964846	50.025	ug/l	94
11) Tert butyl alcohol	5.17	59	249409	262.151	ug/l	99
12) 1,1-Dichloroethene	4.03	96	709474	53.024	ug/l	93
13) Acrolein	3.89	56	343522	343.213	ug/l	99
14) Allyl chloride	4.65	41	1087097	45.699	ug/l	91
15) Acrylonitrile	5.36	53	1043268	293.828	ug/l	99
16) Acetone	4.12	43	1007439	259.960	ug/l	94
17) Carbon Disulfide	4.38	76	2169952	59.121	ug/l	99
18) Methyl Acetate	4.67	43	452593	50.461	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	893770	51.427	ug/l	99
20) Methylene Chloride	4.91	84	708519	39.740	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	781579	53.942	ug/l	95
22) Diisopropyl ether	6.31	45	2167157	44.913	ug/l	96
23) Vinyl Acetate	6.25	43	7669299	252.481	ug/l	96
24) 1,1-Dichloroethane	6.21	63	1401814	48.597	ug/l	100
25) 2-Butanone	7.17	43	1482283	291.173	ug/l	95
26) 2,2-Dichloropropane	7.16	77	703459	44.079	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	809906	50.825	ug/l	96
28) Bromochloromethane	7.51	49	507094	43.017	ug/l	100
29) Tetrahydrofuran	7.53	42	952734	295.362	ug/l	95
30) Chloroform	7.67	83	1317191	45.572	ug/l	99
31) Cyclohexane	7.95	56	1395164	51.651	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	1014136	44.694	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1144053	52.693	ug/l	100
37) Ethyl Acetate	7.25	43	626037	56.744	ug/l	97
38) Carbon Tetrachloride	8.07	117	972628	45.901	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1440426	58.957	ug/l	96
40) Benzene	8.32	78	3102860	52.267	ug/l	99
41) Methacrylonitrile	7.48	41	361726	57.527	ug/l	94
42) 1,2-Dichloroethane	8.40	62	888458	43.548	ug/l	97
43) Isopropyl Acetate	8.42	43	1037579	50.187	ug/l	98
44) Trichloroethene	9.09	130	779781	51.716	ug/l	97
45) 1,2-Dichloropropane	9.37	63	774570	49.638	ug/l	99
46) Dibromomethane	9.46	93	398330	49.252	ug/l	97
47) Bromodichloromethane	9.64	83	958582	45.914	ug/l	99
48) Methyl methacrylate	9.43	41	506087	50.288	ug/l	87
49) 1,4-Dioxane	9.45	88	148867	1204.638	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	3068098	283.343	ug/l	94
52) Toluene	10.39	92	1934418	52.310	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	1011987	48.890	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	1180880	49.962	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	563867	49.952	ug/l	95
56) Ethyl methacrylate	10.65	69	801278	57.099	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	1032423	51.028	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	1825532	282.476	ug/l	100
59) 2-Hexanone	10.97	43	2209891	293.182	ug/l	92
60) Dibromochloromethane	11.13	129	617938	47.363	ug/l	99
61) 1,2-Dibromoethane	11.24	107	551047	51.316	ug/l	98
64) Tetrachloroethene	10.86	164	653676	52.833	ug/l	97
65) Chlorobenzene	11.66	112	1937195	49.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	658317	47.192	ug/l	98
67) Ethyl Benzene	11.73	91	3709606	53.301	ug/l	98
68) m/p-Xylenes	11.84	106	2767026	106.359	ug/l	98
69) o-Xylene	12.16	106	1260419	53.208	ug/l	97
70) Styrene	12.18	104	2229966	54.598	ug/l	98
71) Bromoform	12.35	173	378099	51.258	ug/l #	98
73) Isopropylbenzene	12.46	105	3565751	54.240	ug/l	100
74) N-amyl acetate	12.27	43	925160	50.818	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	747110	57.523	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	981548	103.827	ug/l #	100
77) Bromobenzene	12.75	156	768668	50.840	ug/l	97
78) n-propylbenzene	12.80	91	4405116	54.066	ug/l	100
79) 2-Chlorotoluene	12.90	91	2425526	51.762	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	3001191	53.843	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	247862	61.822	ug/l	93
82) 4-Chlorotoluene	12.99	91	2545970	51.624	ug/l	100
83) tert-Butylbenzene	13.21	119	2497109	54.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2971899	52.588	ug/l	99
85) sec-Butylbenzene	13.38	105	3706499	53.733	ug/l	100
86) p-Isopropyltoluene	13.50	119	3331616	54.798	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1541651	50.442	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1511937	49.561	ug/l	99
89) n-Butylbenzene	13.83	91	3325639	55.211	ug/l	98
90) Hexachloroethane	14.10	117	587375	50.441	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	1357934	49.553	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	134019	57.660	ug/l	92

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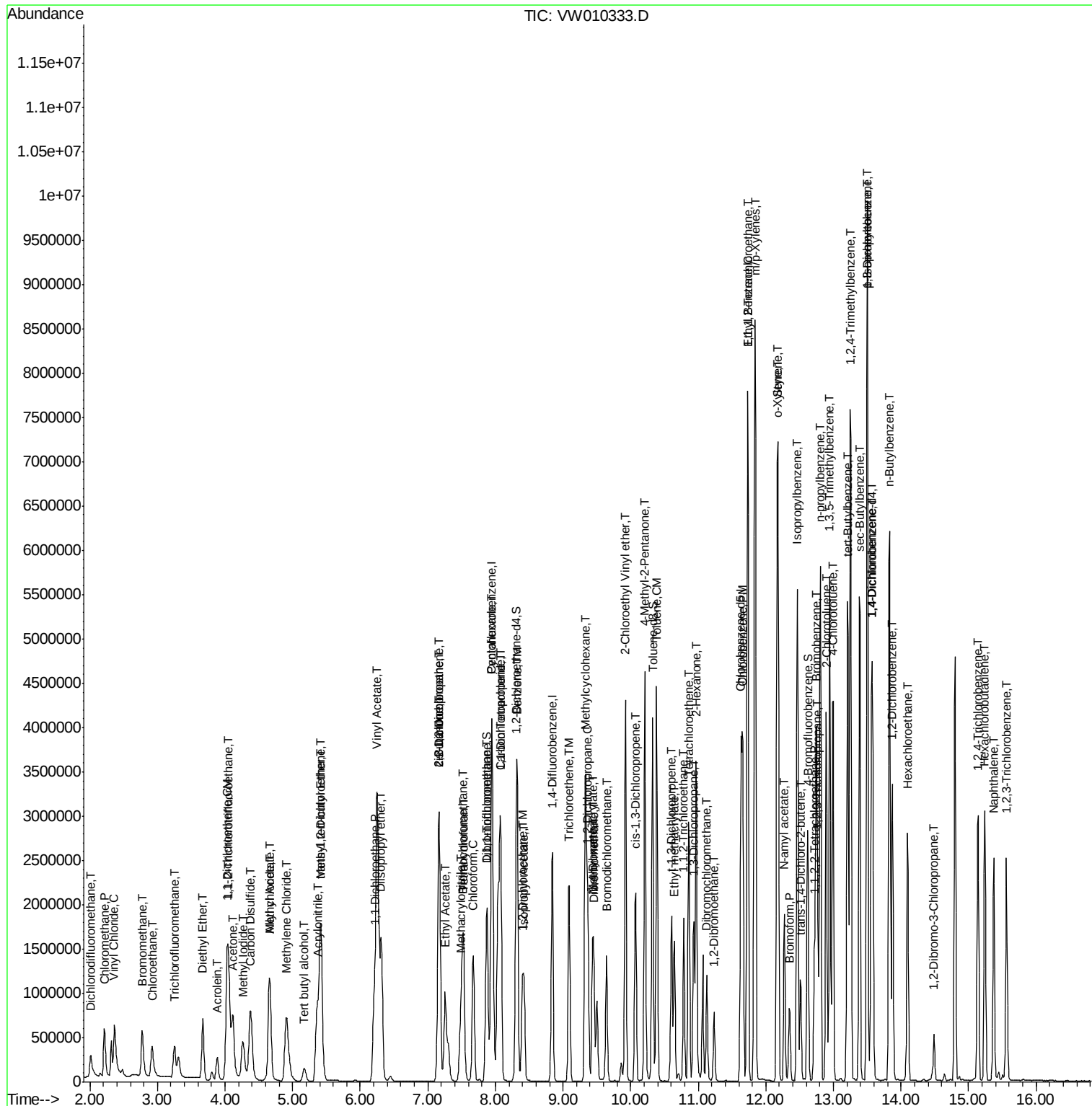
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	970185	53.664	ug/l	99
94) Hexachlorobutadiene	15.24	225	609061	55.478	ug/l	99
95) Naphthalene	15.37	128	2071717	63.828	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	866031	55.214	ug/l	99

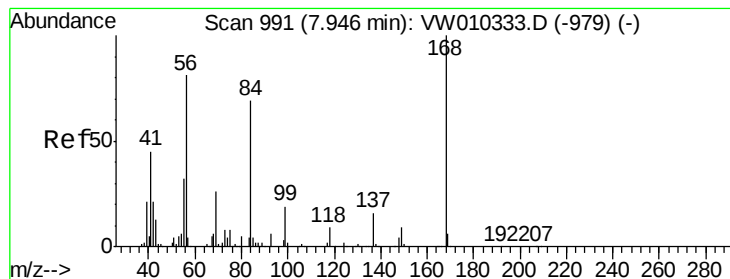
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

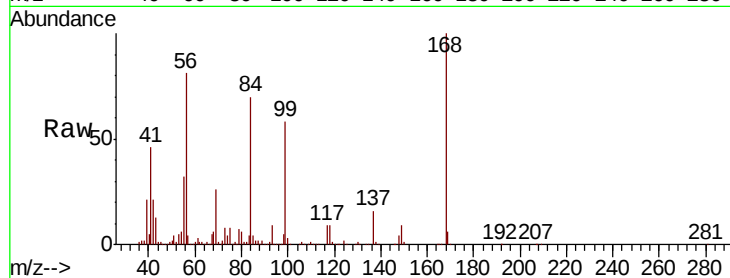
VSTDICCC050

Tgt Ion:168 Resp: 1353476

Ion Ratio Lower Upper

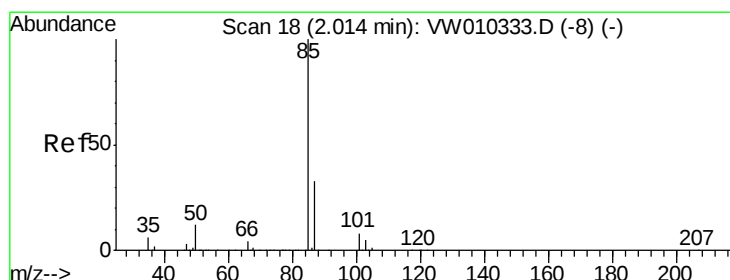
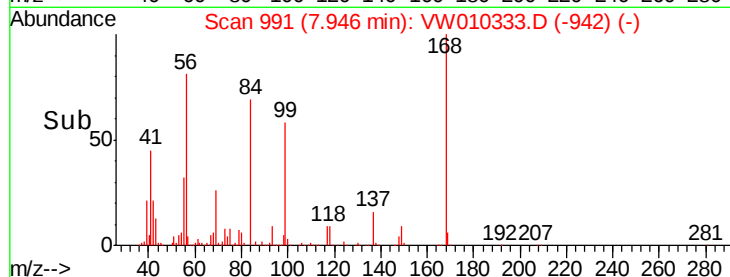
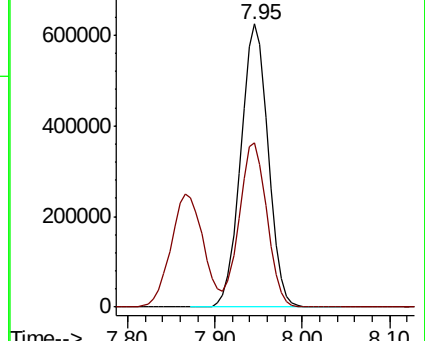
168 100

99 57.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.034 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010333.D

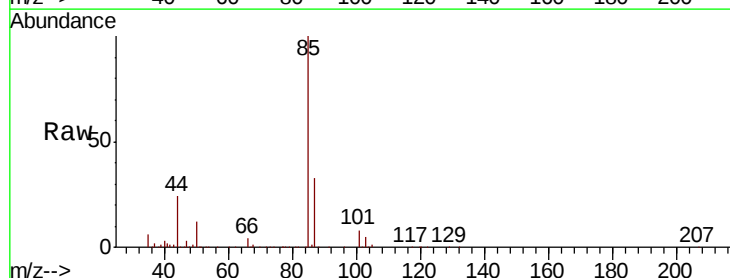
Acq: 09 May 2019 12:34

Tgt Ion: 85 Resp: 506034

Ion Ratio Lower Upper

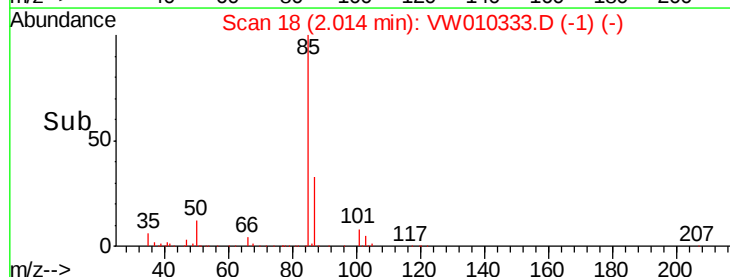
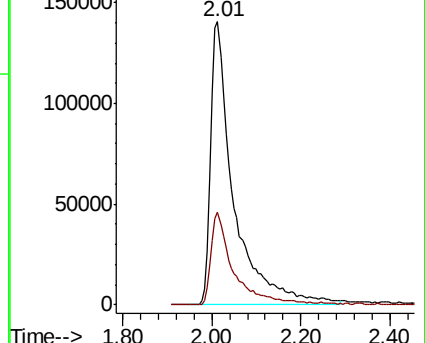
85 100

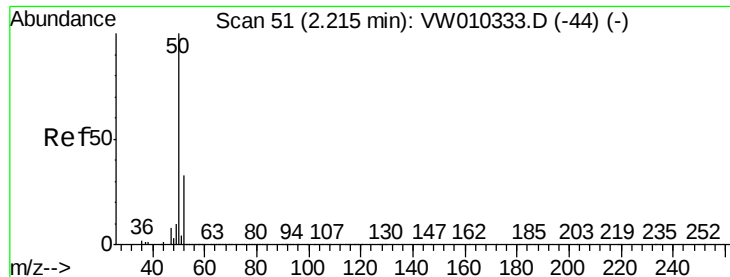
87 32.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 62.507 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

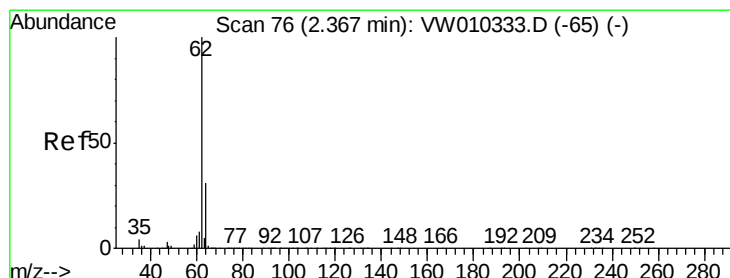
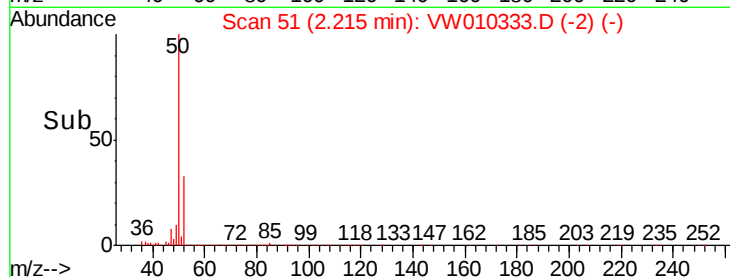
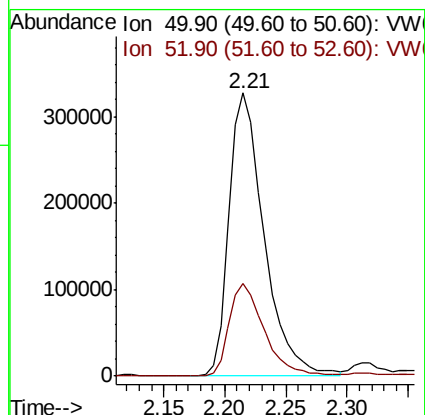
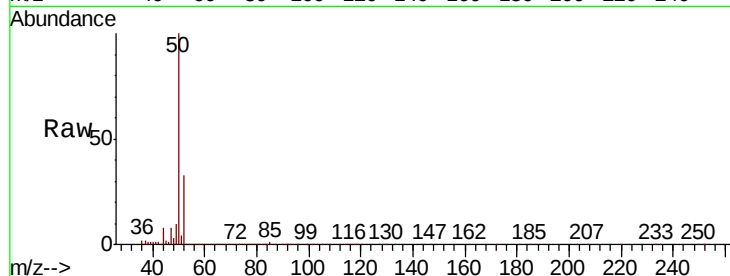
VSTDICCC050

Tgt Ion: 50 Resp: 645089

Ion Ratio Lower Upper

50 100

52 32.6 25.0 37.6



#4

Vinyl Chloride

Concen: 68.719 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW010333.D

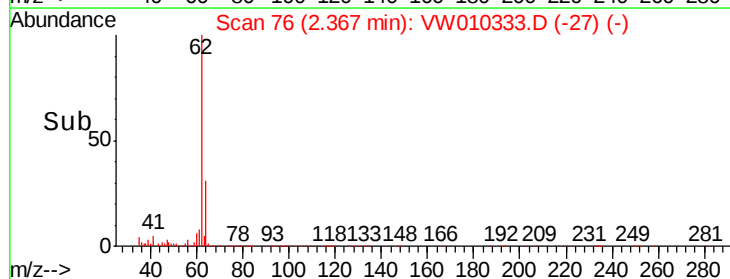
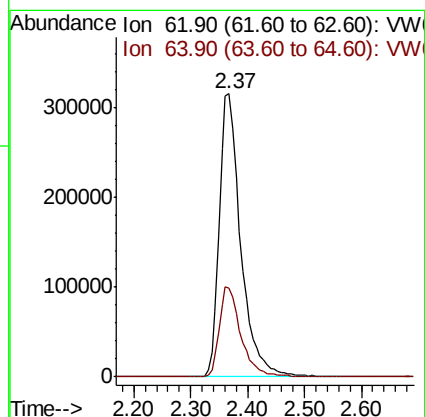
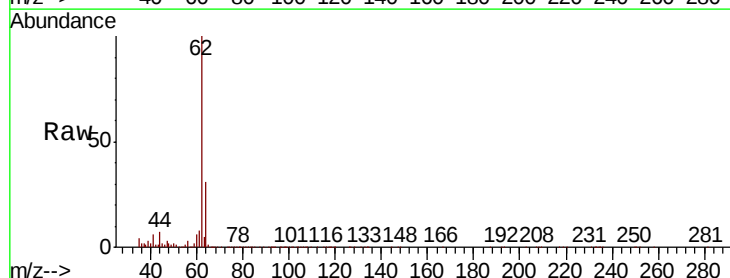
Acq: 09 May 2019 12:34

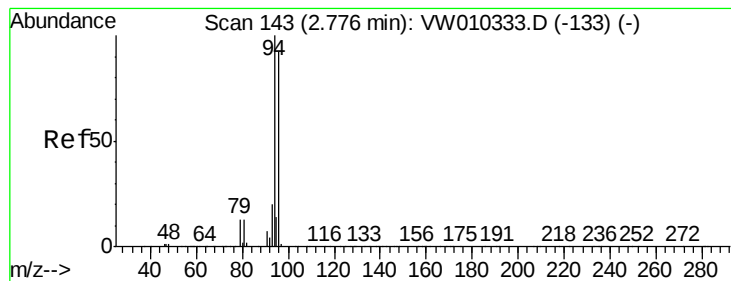
Tgt Ion: 62 Resp: 824374

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 58.346 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

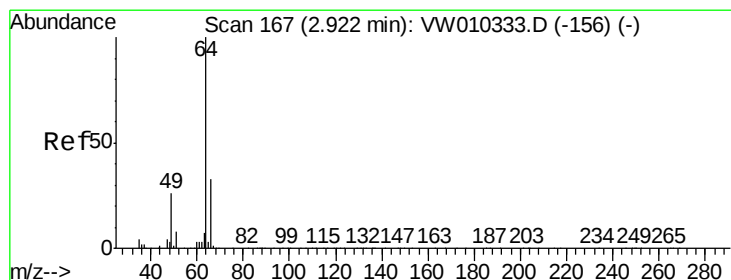
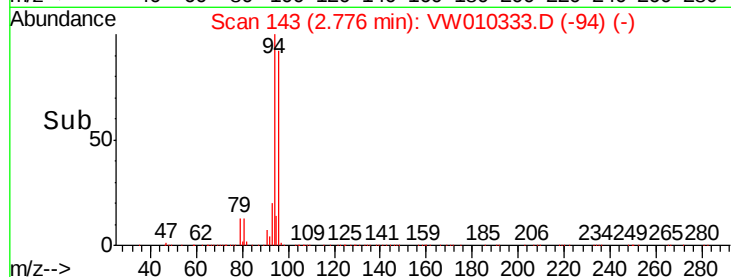
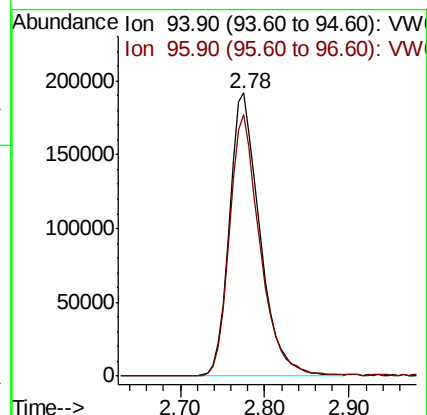
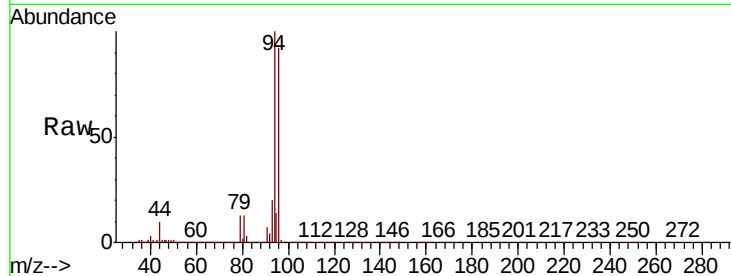
VSTDICCC050

Tgt Ion: 94 Resp: 470382

Ion Ratio Lower Upper

94 100

96 92.1 74.2 111.2



#6

Chloroethane

Concen: 62.458 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW010333.D

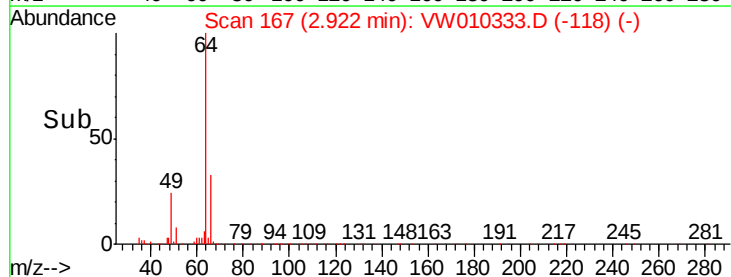
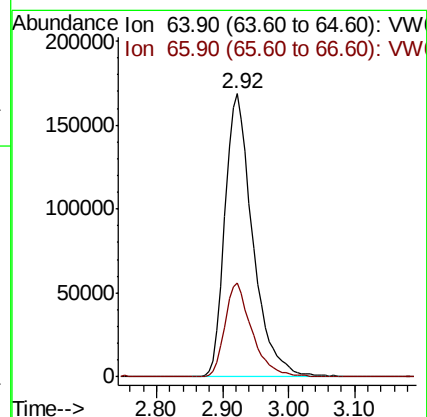
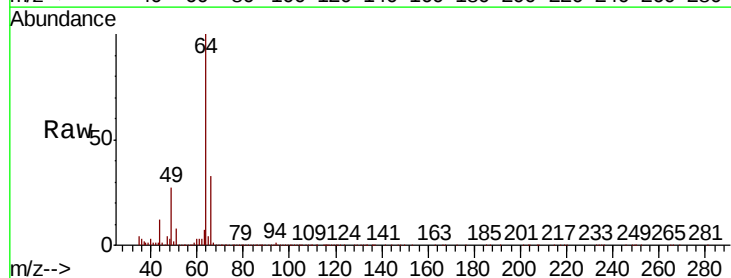
Acq: 09 May 2019 12:34

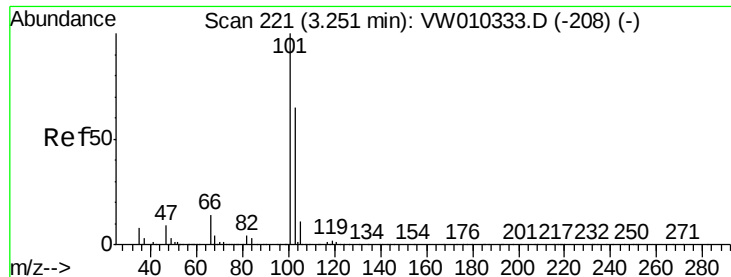
Tgt Ion: 64 Resp: 489556

Ion Ratio Lower Upper

64 100

66 33.0 23.4 35.0



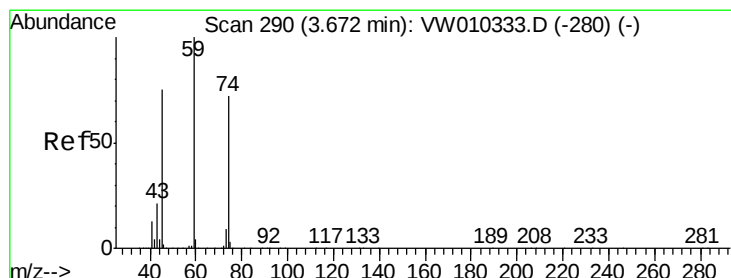
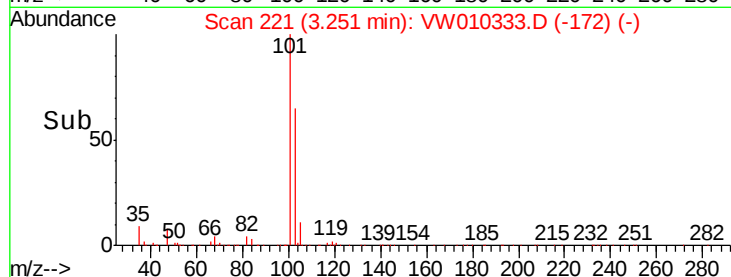
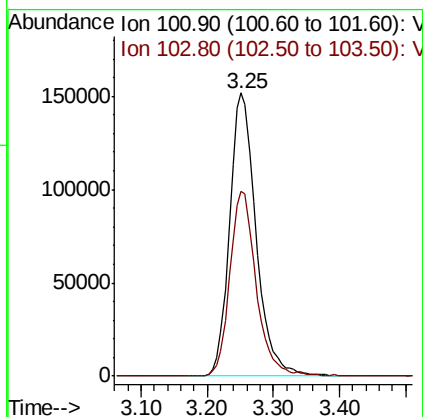
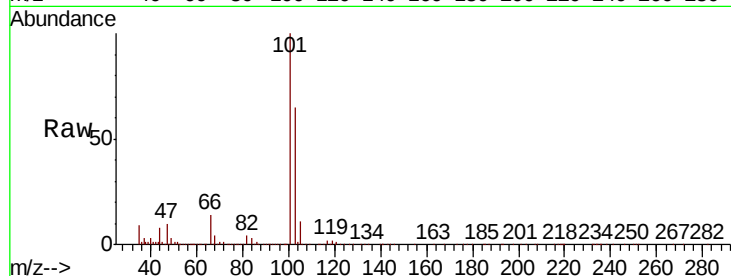


#7

Trichlorofluoromethane
 Concen: 50.661 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

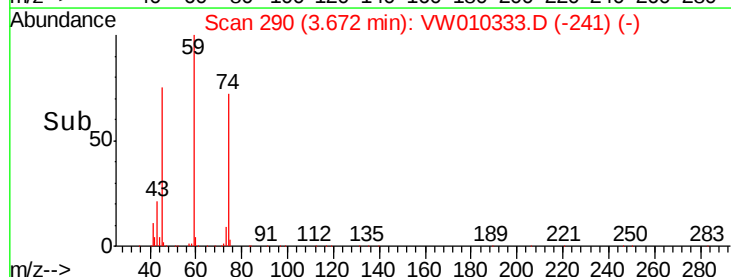
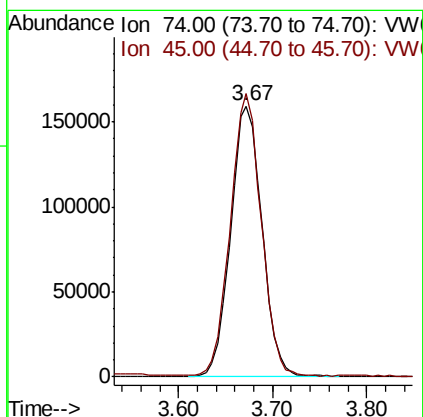
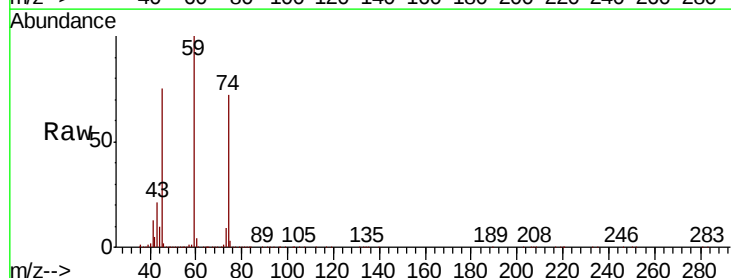
Tgt Ion:101 Resp: 420193
 Ion Ratio Lower Upper
 101 100
 103 65.2 49.8 74.6

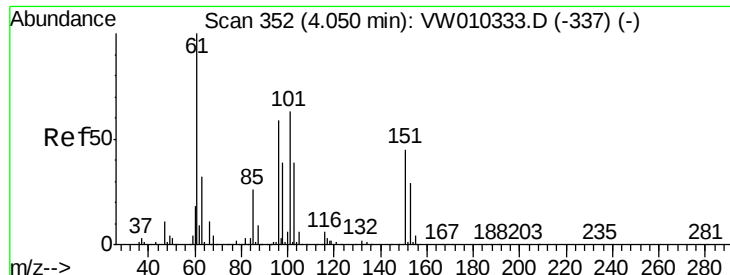


#8

Diethyl Ether
 Concen: 53.284 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion: 74 Resp: 367628
 Ion Ratio Lower Upper
 74 100
 45 102.8 56.0 168.0

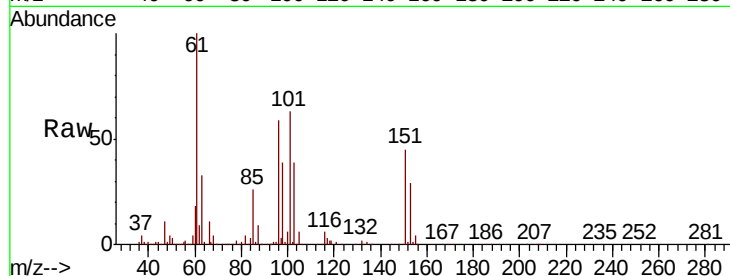




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.291 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
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Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.1	36.3	54.5
151	74.4	60.2	90.2

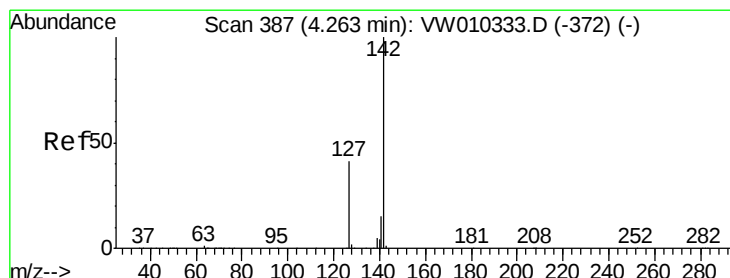
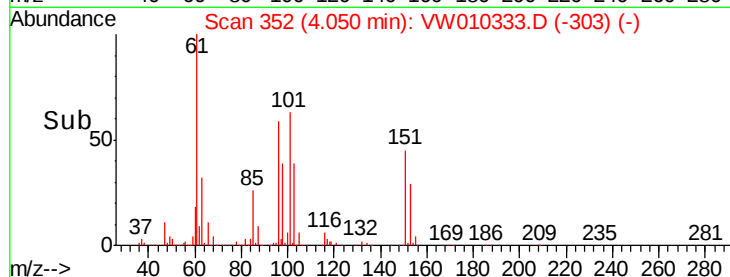
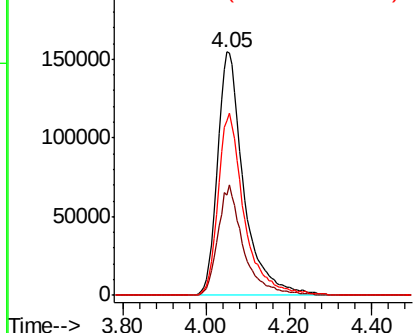


Abundance

Ion 100.90 (100.60 to 101.60): V

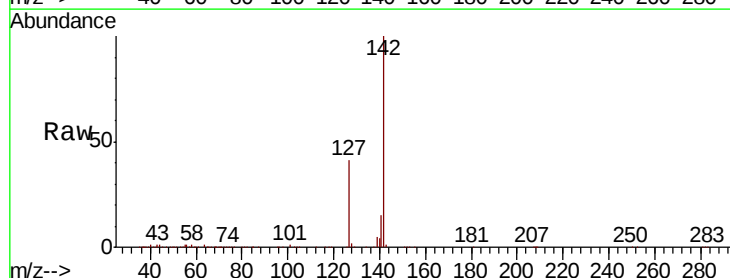
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
Methyl Iodide
Concen: 50.025 ug/l
RT: 4.26 min Scan# 387
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.4	38.1	57.1
141	14.5	12.2	18.2

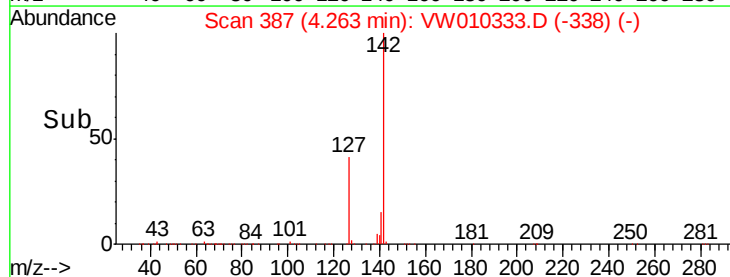
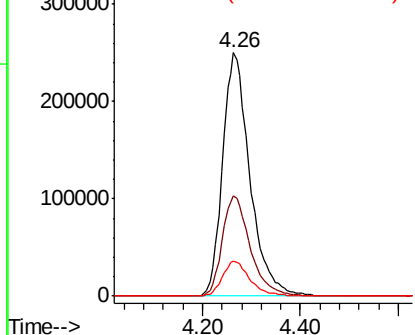


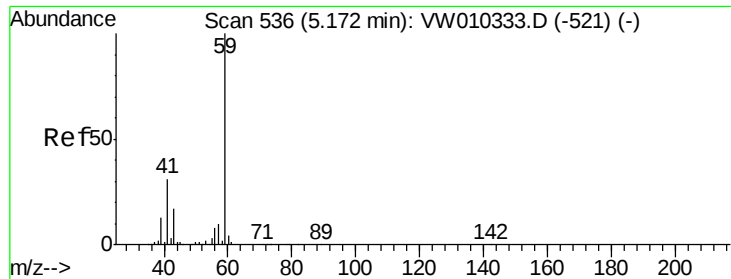
Abundance

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

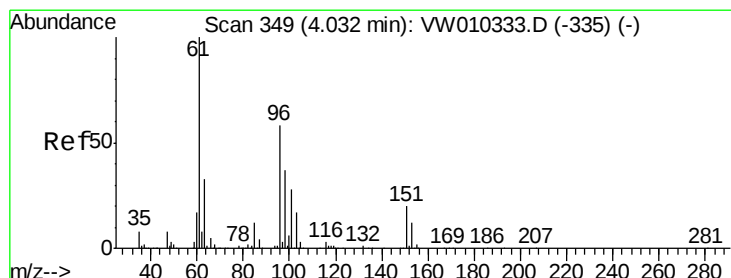
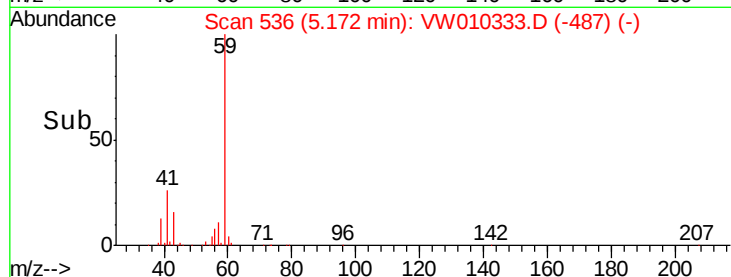
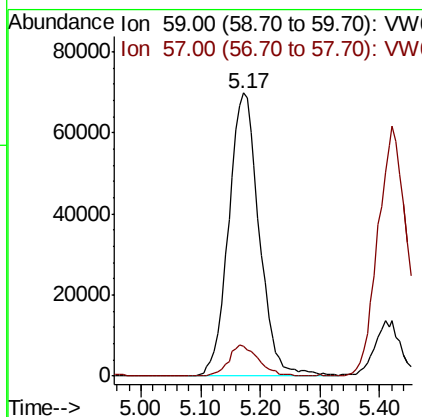
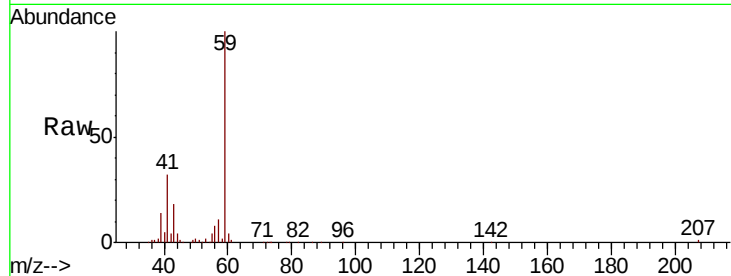




#11
Tert butyl alcohol
Concen: 262.151 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

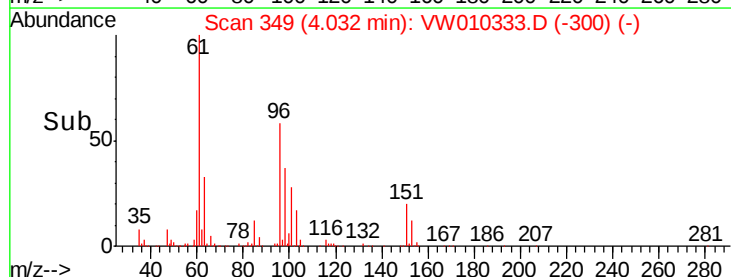
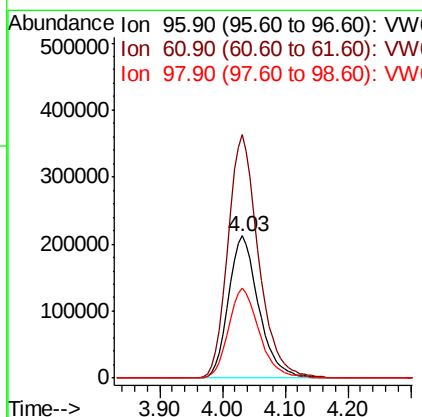
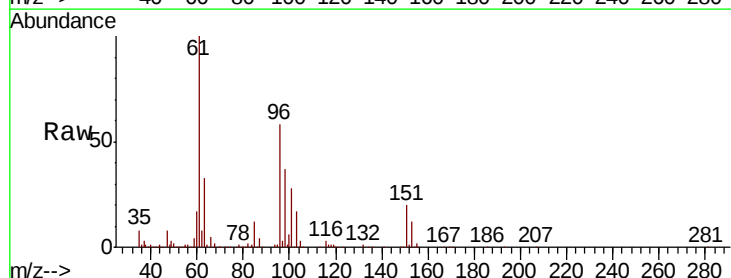
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

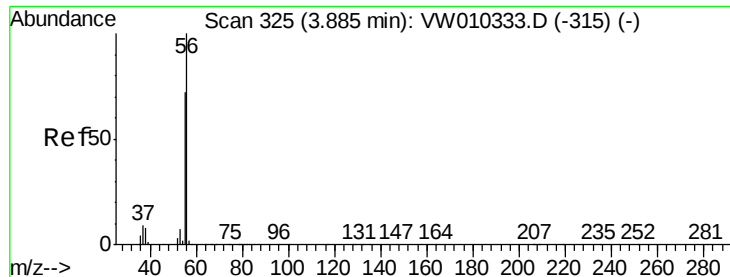
Tgt Ion: 59 Resp: 249409
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4



#12
1,1-Dichloroethene
Concen: 53.024 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 96 Resp: 709474
Ion Ratio Lower Upper
96 100
61 171.3 147.4 221.2
98 63.6 49.7 74.5

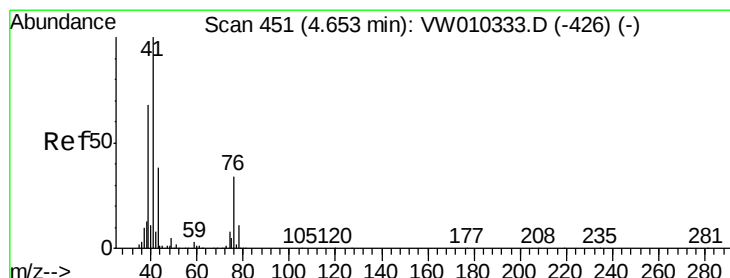
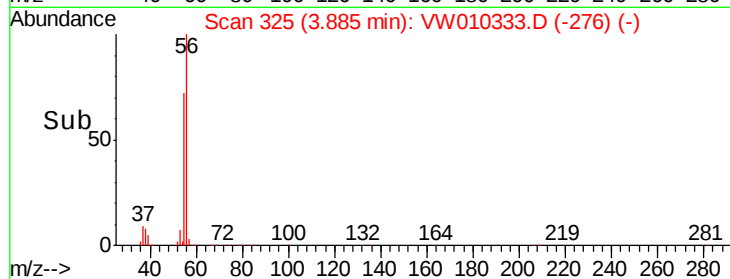
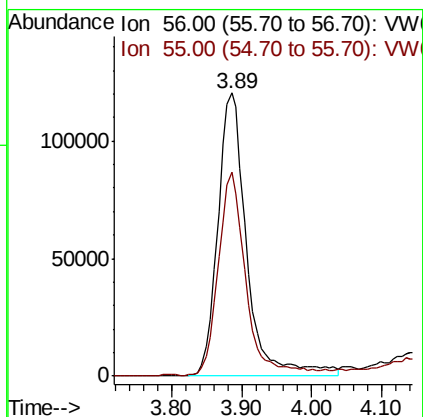
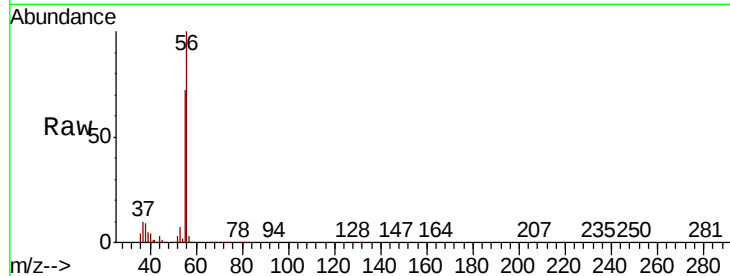




#13
Acrolein
Concen: 343.213 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

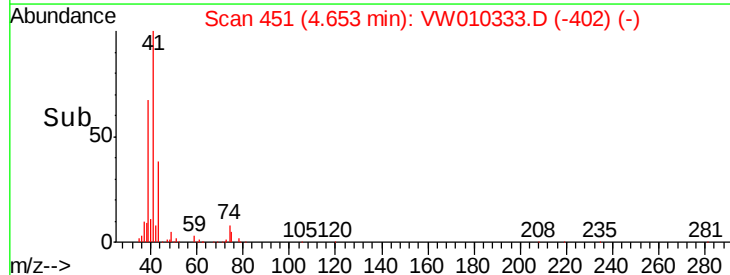
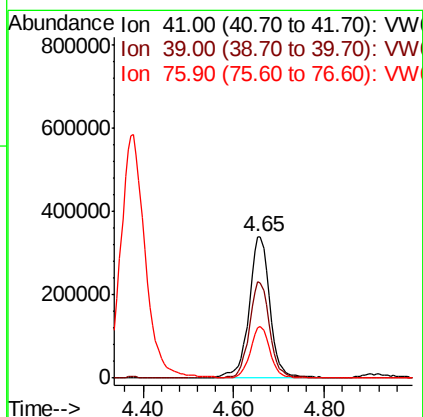
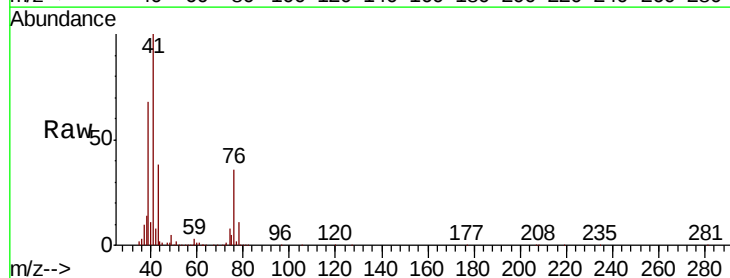
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

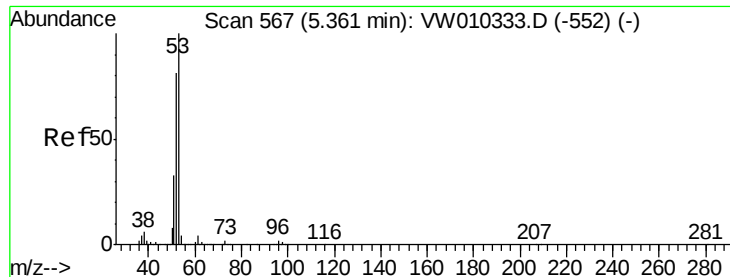
Tgt Ion: 56 Resp: 343522
Ion Ratio Lower Upper
56 100
55 68.6 54.2 81.2



#14
Allyl chloride
Concen: 45.699 ug/l
RT: 4.65 min Scan# 451
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 41 Resp: 1087097
Ion Ratio Lower Upper
41 100
39 66.0 60.2 90.4
76 34.0 25.0 37.6





#15

Acrylonitrile

Concen: 293.828 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

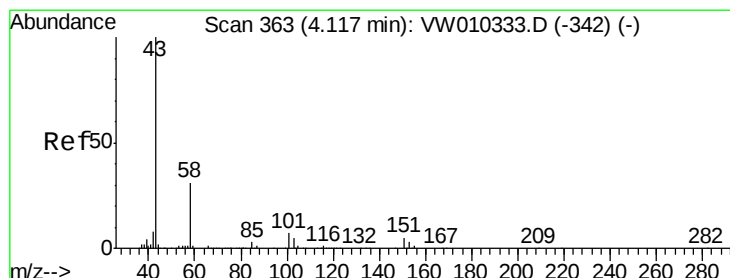
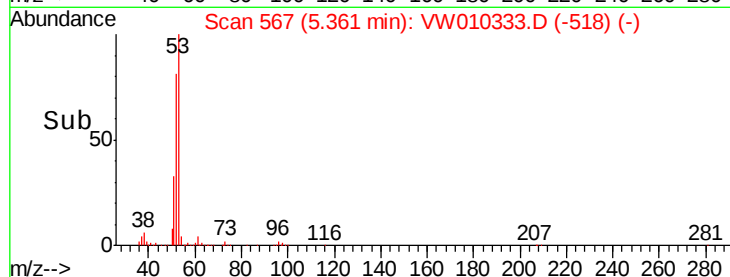
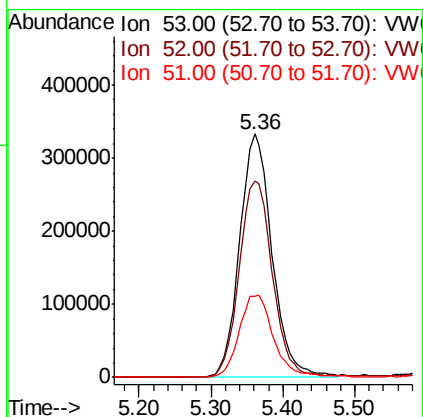
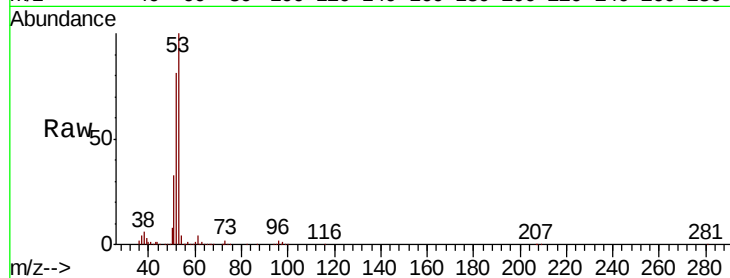
Tgt Ion: 53 Resp: 1043268

Ion Ratio Lower Upper

53 100

52 83.2 66.6 100.0

51 36.0 30.3 45.5



#16

Acetone

Concen: 259.960 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010333.D

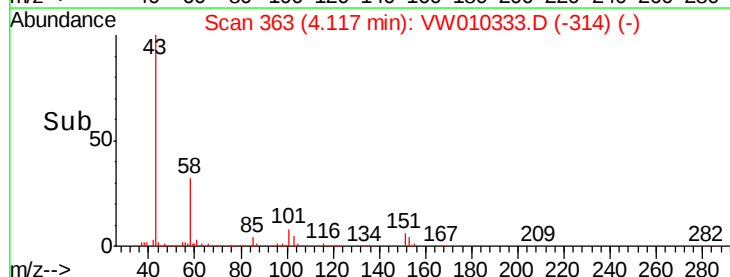
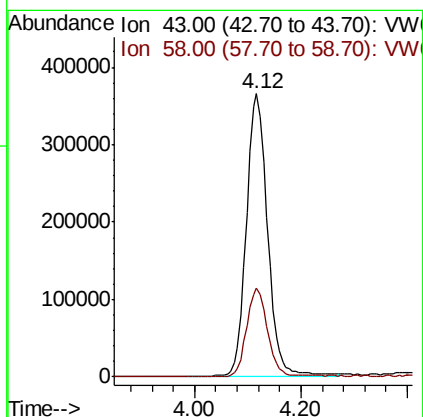
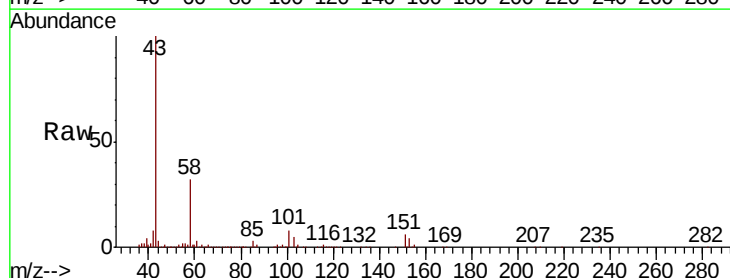
Acq: 09 May 2019 12:34

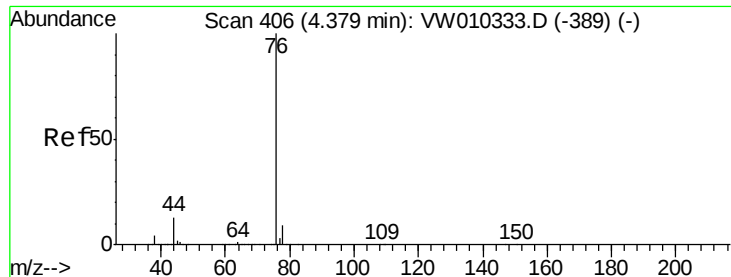
Tgt Ion: 43 Resp: 1007439

Ion Ratio Lower Upper

43 100

58 31.5 22.7 34.1

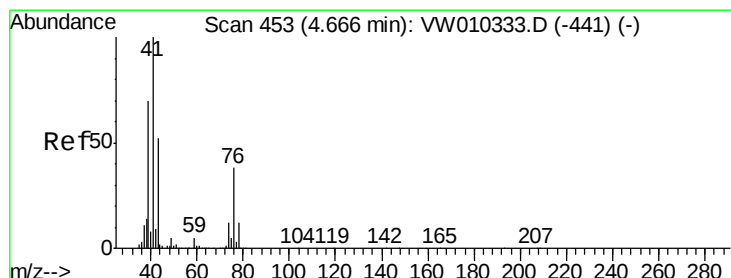
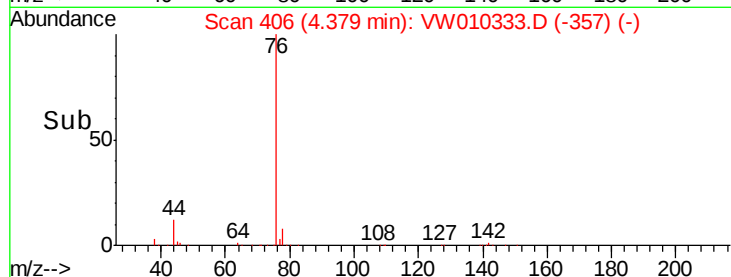
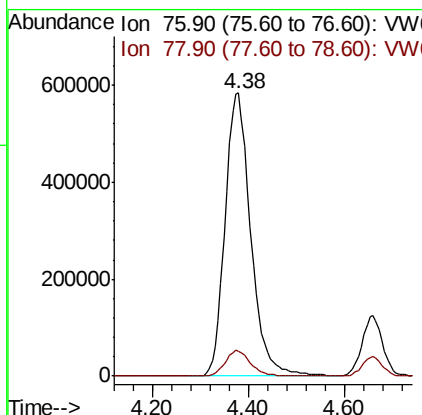
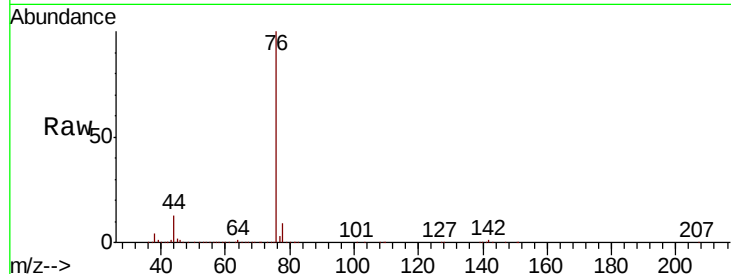




#17
Carbon Disulfide
Concen: 59.121 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

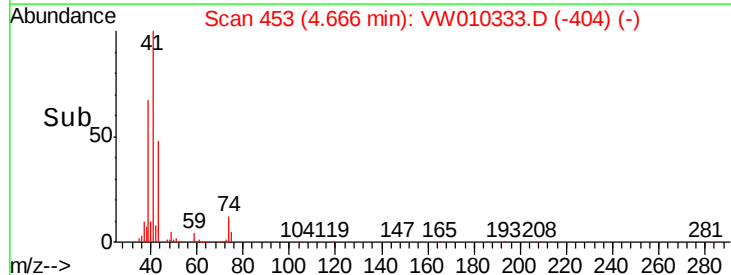
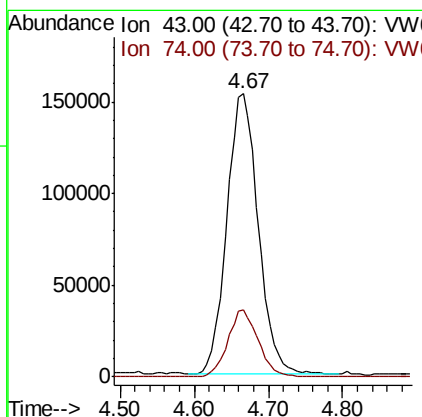
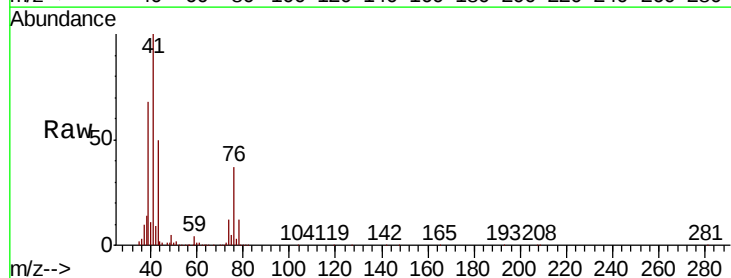
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

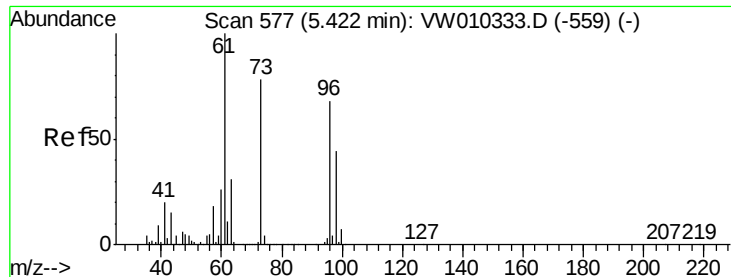
Tgt Ion: 76 Resp: 2169952
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 50.461 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 43 Resp: 452593
Ion Ratio Lower Upper
43 100
74 23.1 16.8 25.2

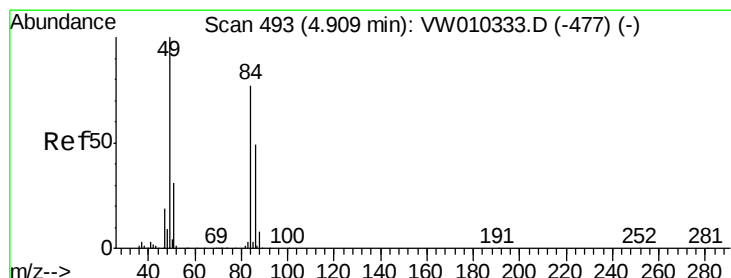
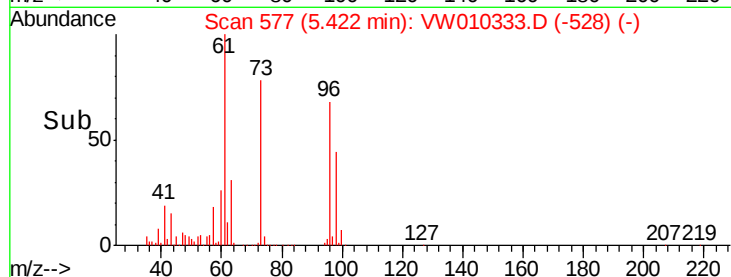
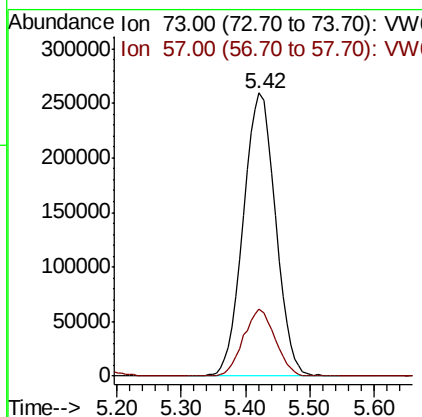
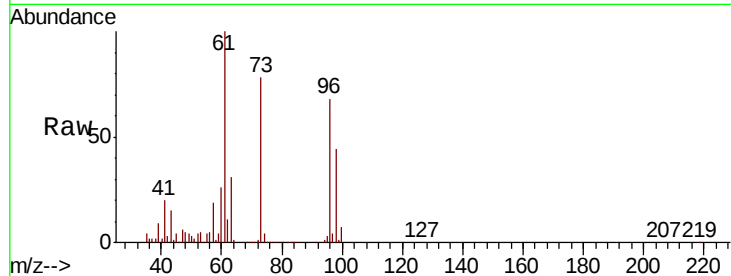




#19
Methyl tert-butyl Ether
Concen: 51.427 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

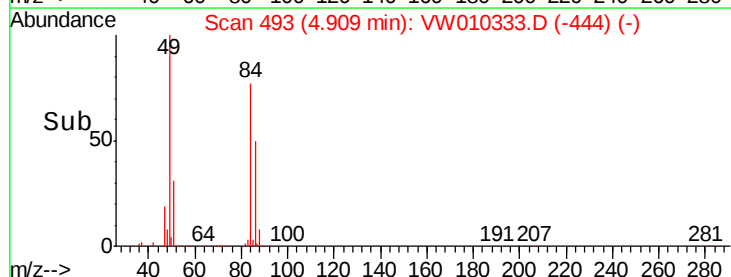
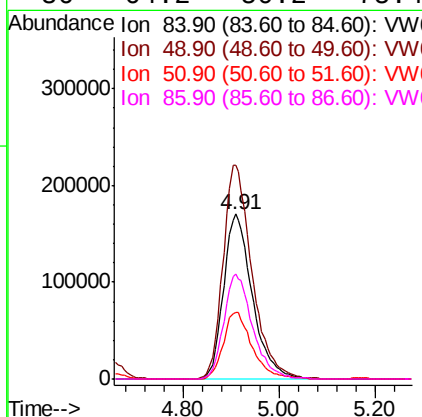
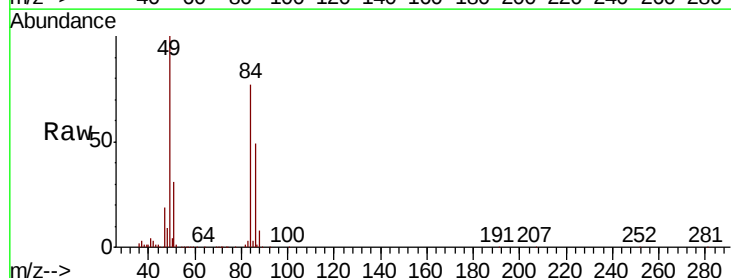
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

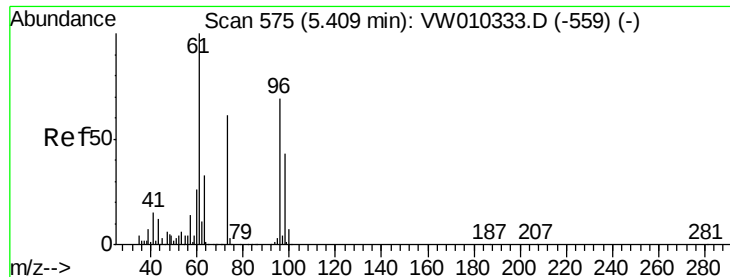
Tgt Ion: 73 Resp: 893770
Ion Ratio Lower Upper
73 100
57 23.8 18.5 27.7



#20
Methylene Chloride
Concen: 39.740 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 84 Resp: 708519
Ion Ratio Lower Upper
84 100
49 129.7 112.3 168.5
51 40.8 33.9 50.9
86 64.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 53.942 ug/l

RT: 5.41 min Scan# 575

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

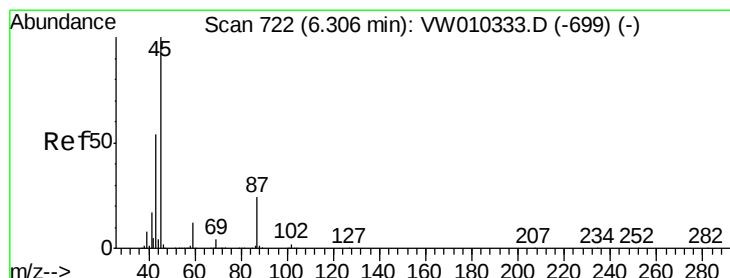
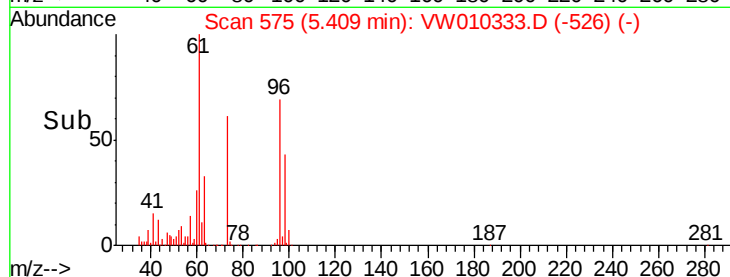
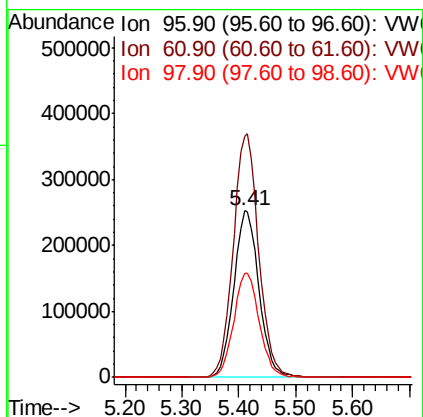
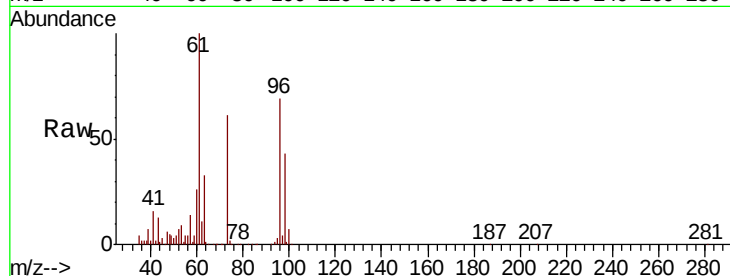
Tgt Ion: 96 Resp: 781579

Ion Ratio Lower Upper

96 100

61 144.6 122.3 183.5

98 62.2 50.5 75.7



#22

Diisopropyl ether

Concen: 44.913 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Tgt Ion: 45 Resp: 2167157

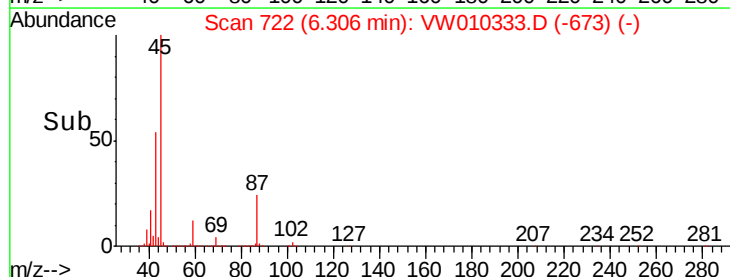
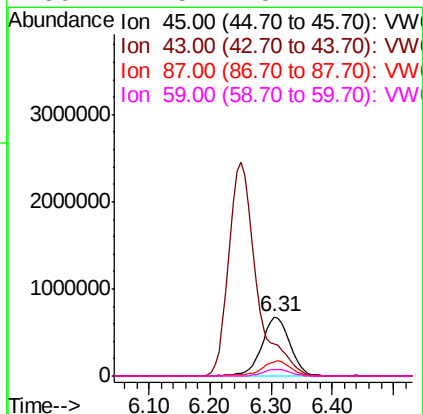
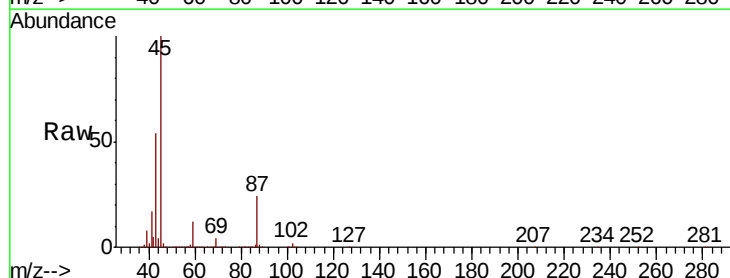
Ion Ratio Lower Upper

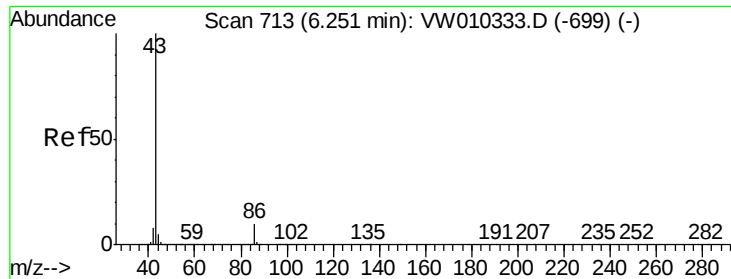
45 100

43 53.9 46.1 69.1

87 24.2 18.3 27.5

59 11.5 8.2 12.4

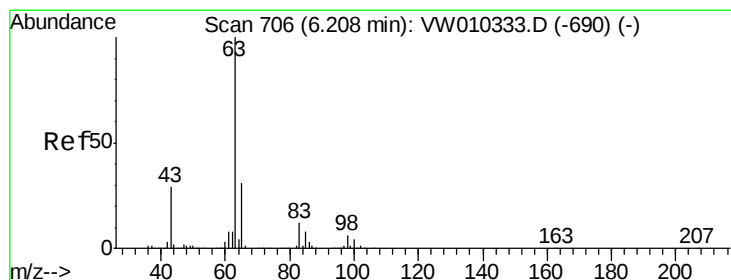
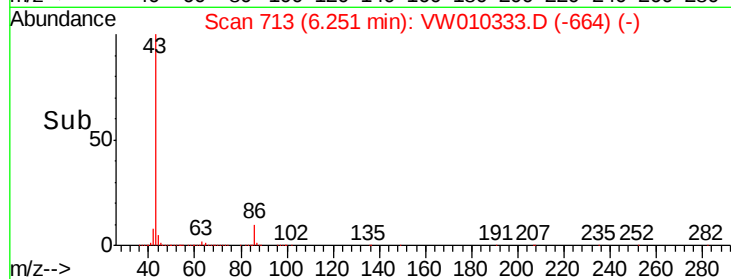
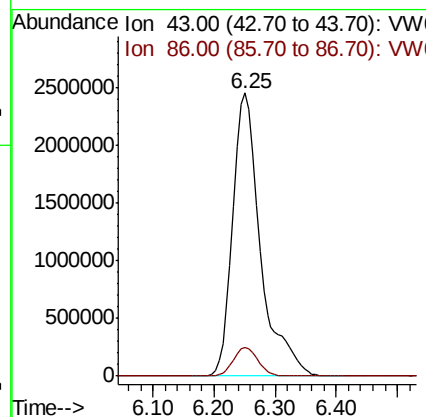
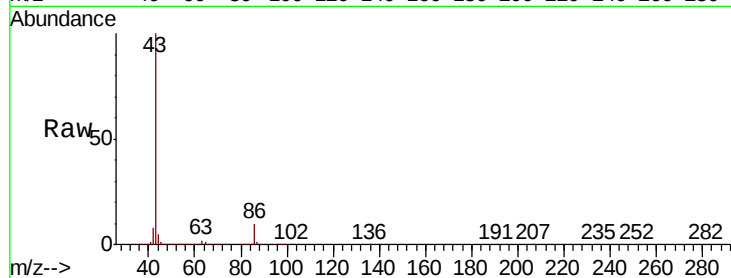




#23
 Vinyl Acetate
 Concen: 252.481 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

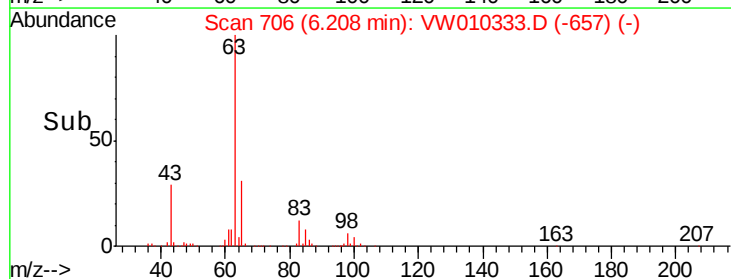
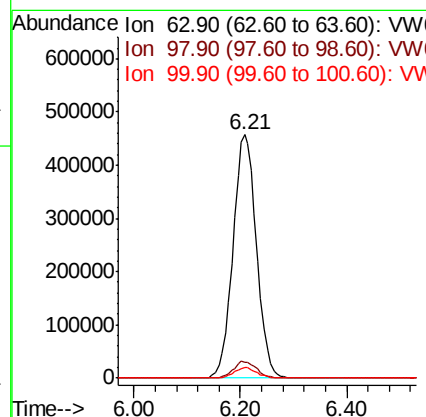
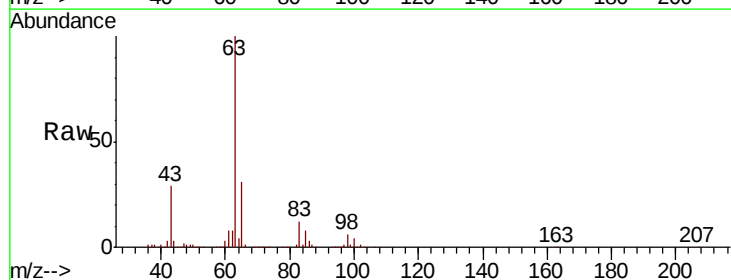
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

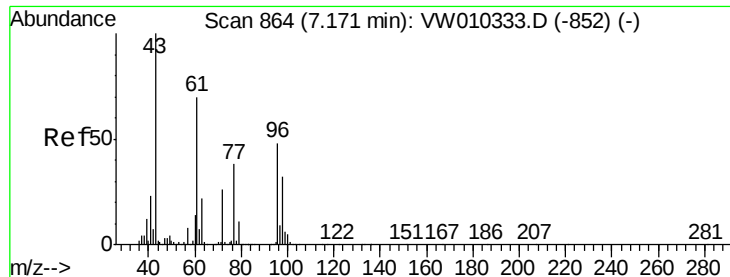
Tgt Ion: 43 Resp: 7669299
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 48.597 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion: 63 Resp: 1401814
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 291.173 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

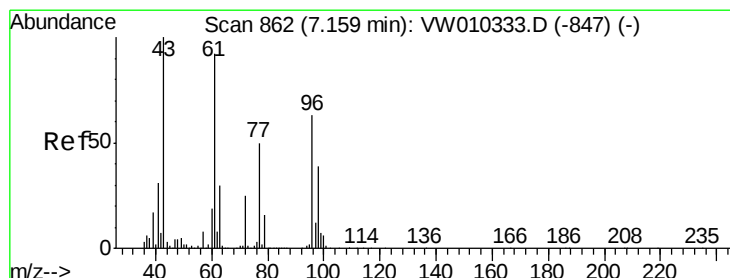
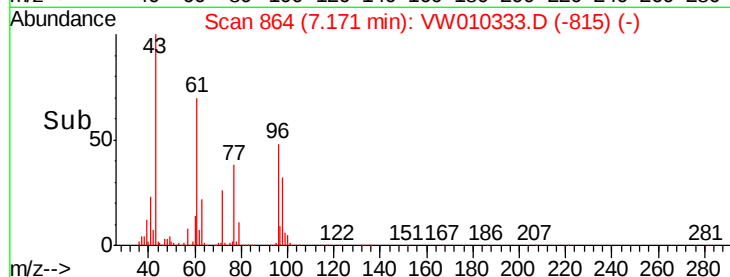
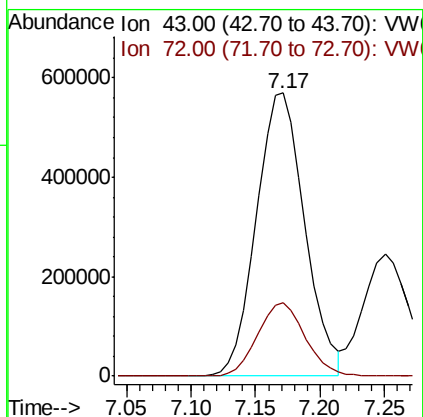
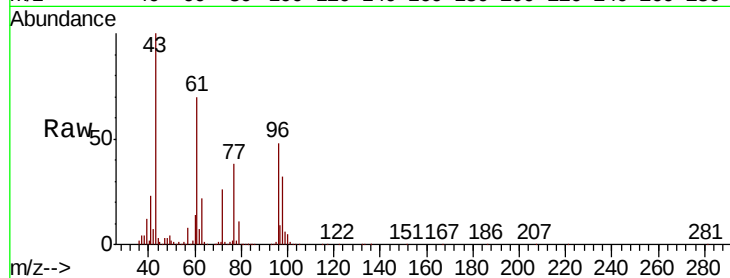
VSTDICCC050

Tgt Ion: 43 Resp: 1482283

Ion Ratio Lower Upper

43 100

72 26.1 19.1 28.7



#26

2,2-Dichloropropane

Concen: 44.079 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW010333.D

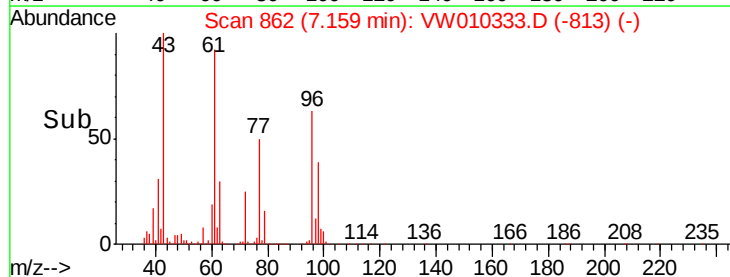
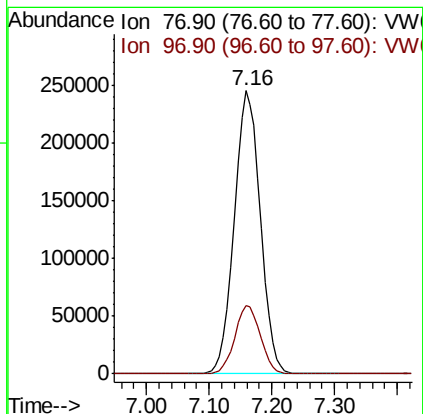
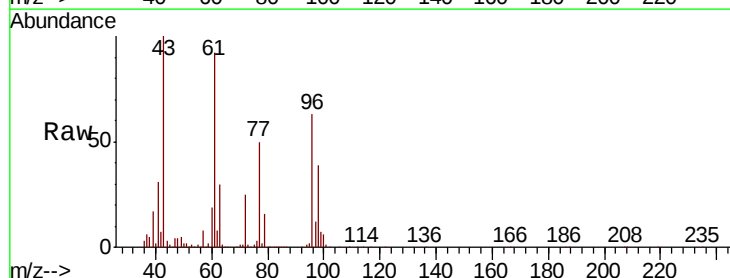
Acq: 09 May 2019 12:34

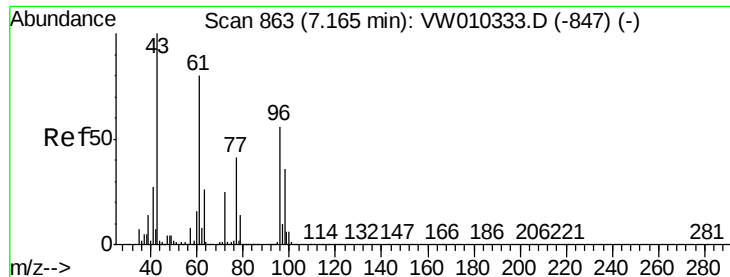
Tgt Ion: 77 Resp: 703459

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.9



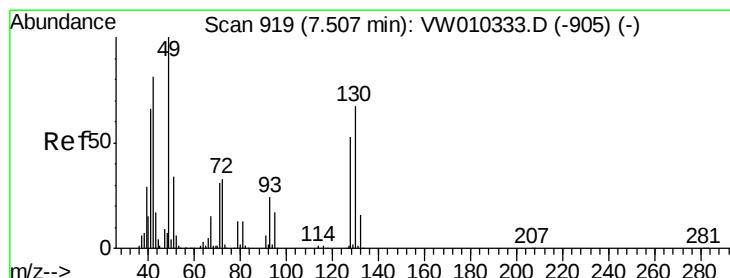
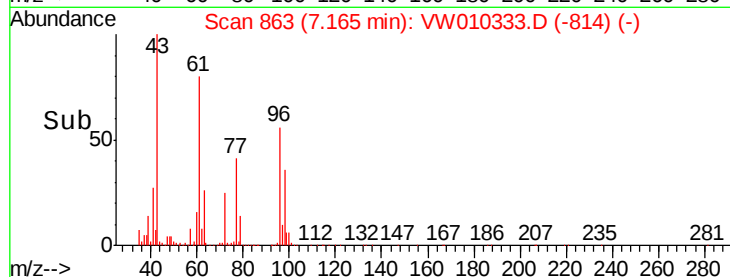
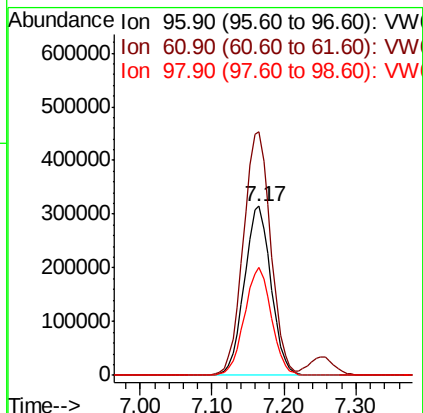
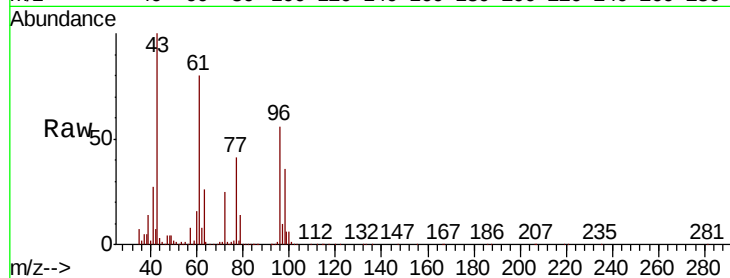


#27

cis-1,2-Dichloroethene
Concen: 50.825 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

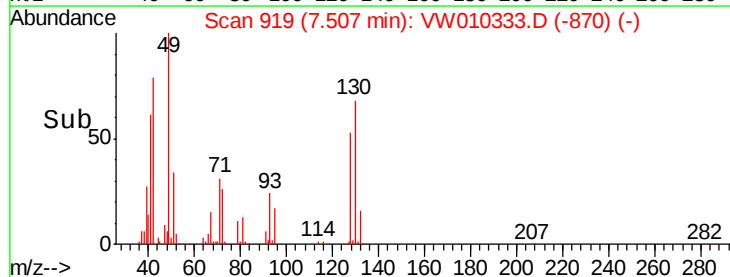
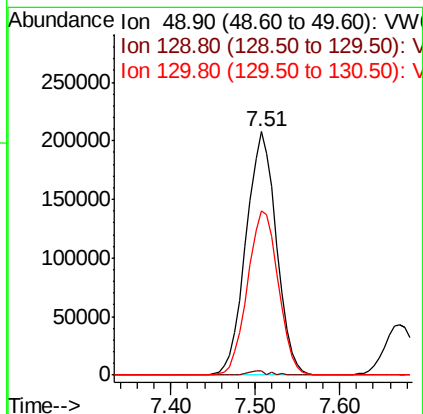
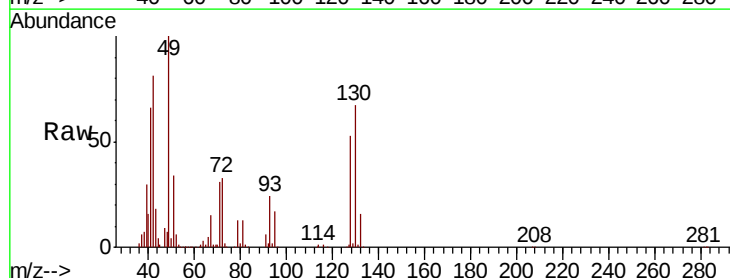
Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	309.4
98	64.2	0.0	128.6

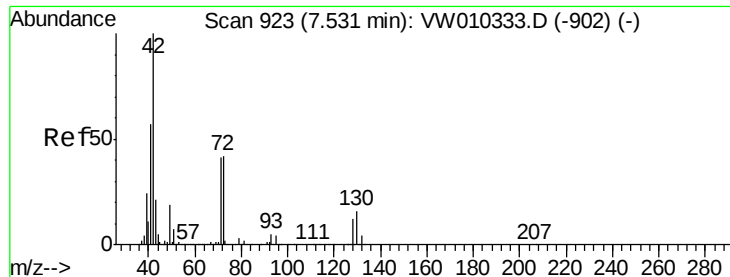


#28

Bromochloromethane
Concen: 43.017 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	68.4	54.6	82.0





#29

Tetrahydrofuran

Concen: 295.362 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

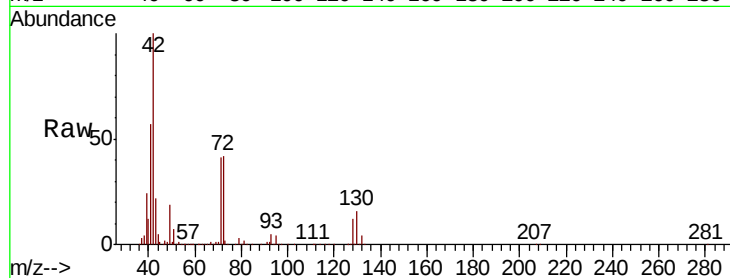
Tgt Ion: 42 Resp: 952734

Ion Ratio Lower Upper

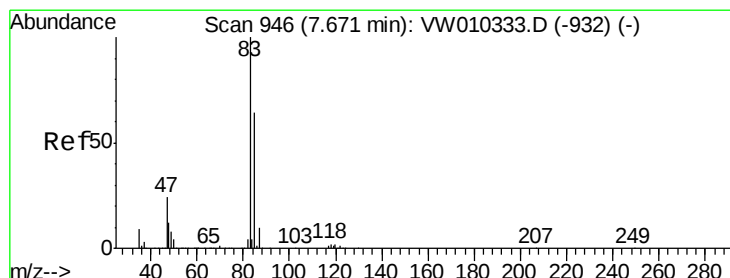
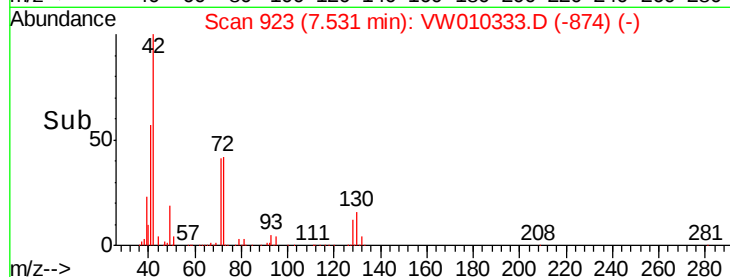
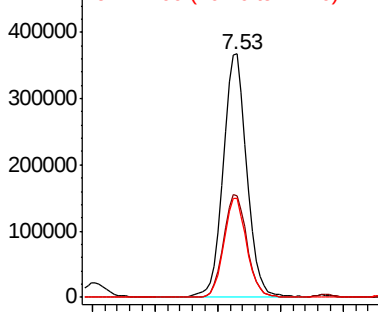
42 100

72 42.0 31.0 46.6

71 39.6 29.7 44.5



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



#30

Chloroform

Concen: 45.572 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW010333.D

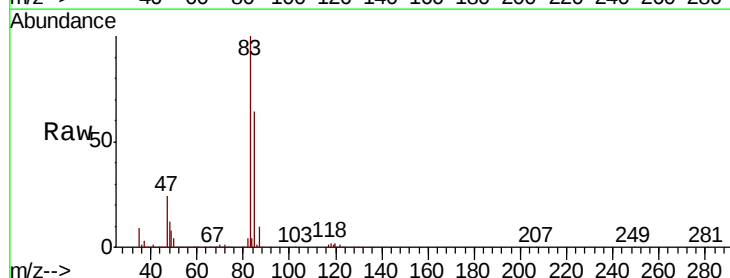
Acq: 09 May 2019 12:34

Tgt Ion: 83 Resp: 1317191

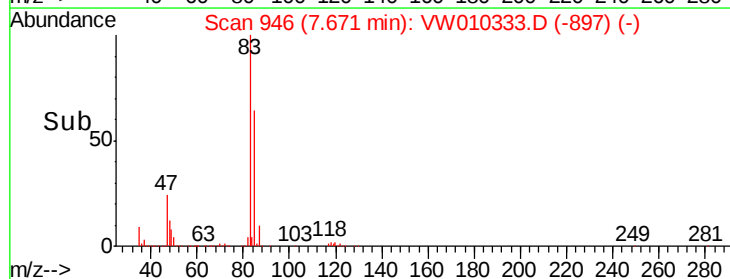
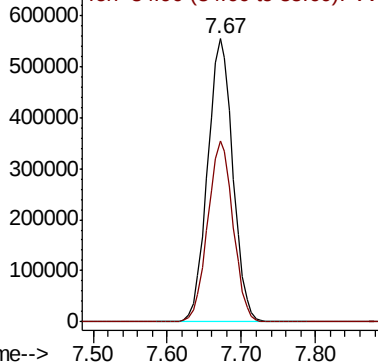
Ion Ratio Lower Upper

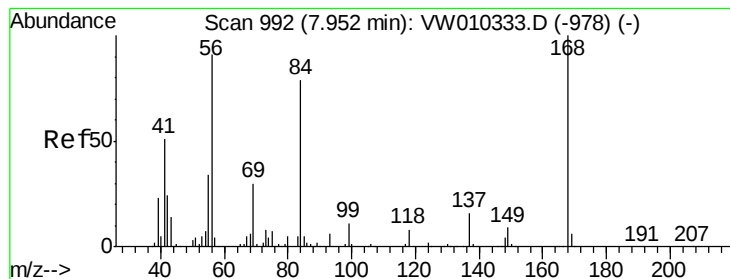
83 100

85 63.9 50.7 76.1



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





#31

Cyclohexane

Concen: 51.651 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

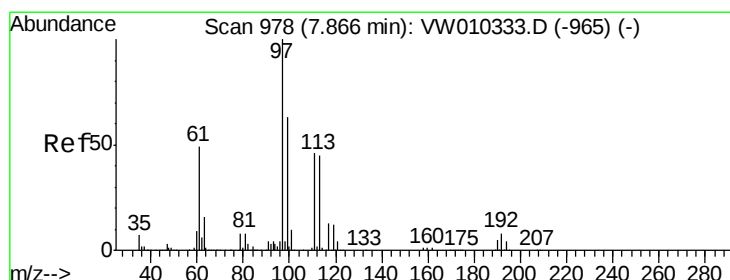
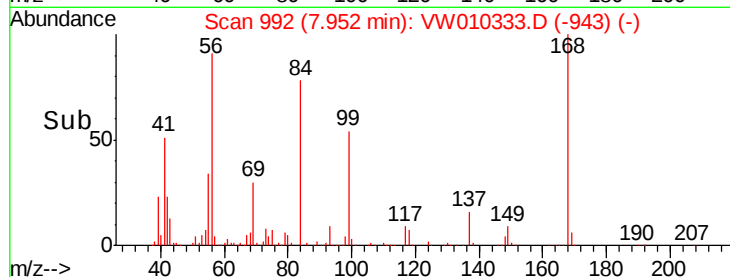
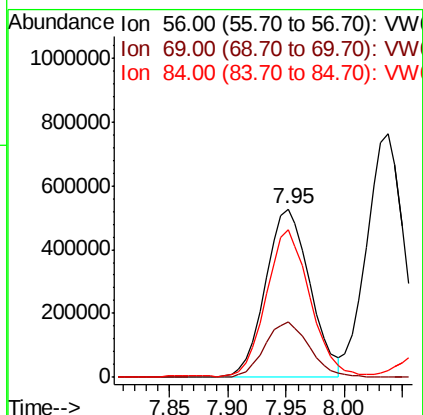
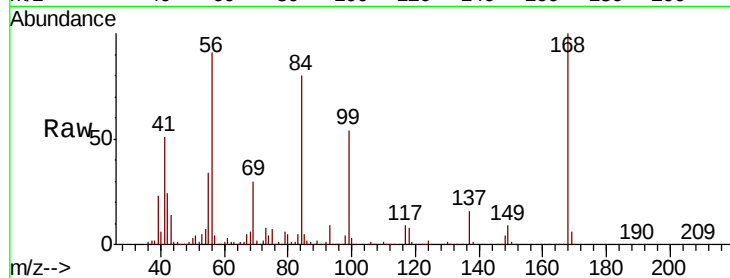
Tgt Ion: 56 Resp: 1395164

Ion Ratio Lower Upper

56 100

69 32.9 26.6 40.0

84 86.2 66.2 99.2



#32

1,1,1-Trichloroethane

Concen: 44.694 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

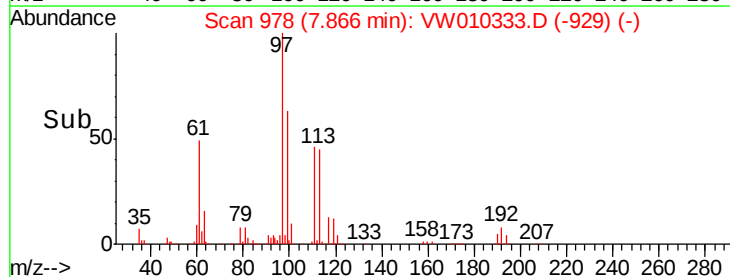
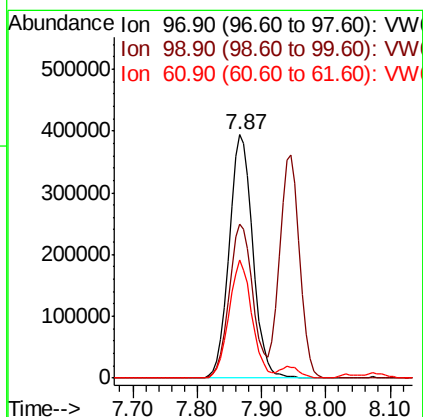
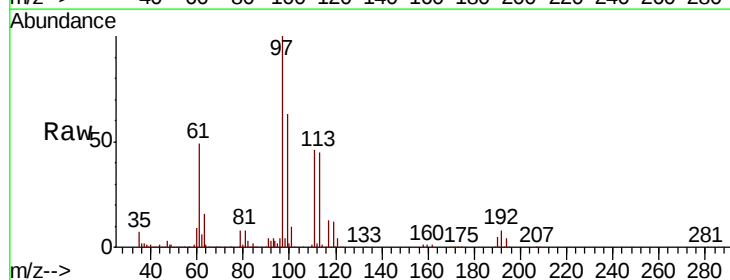
Tgt Ion: 97 Resp: 1014136

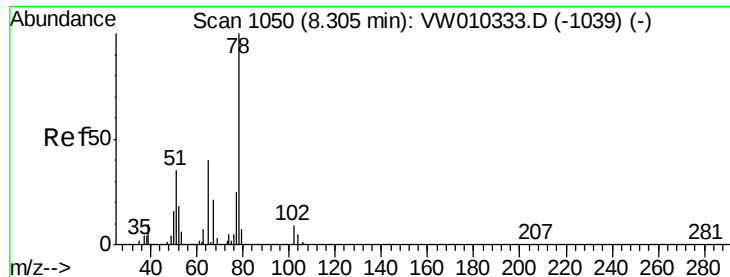
Ion Ratio Lower Upper

97 100

99 64.1 50.2 75.2

61 47.1 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 43.539 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

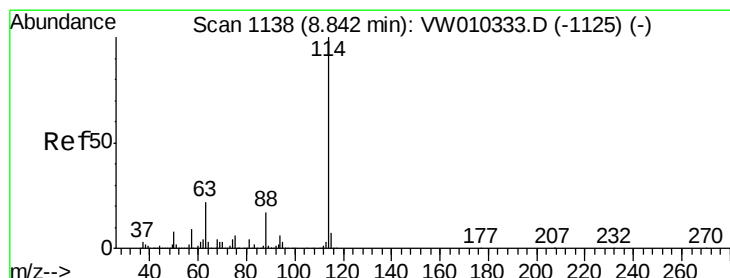
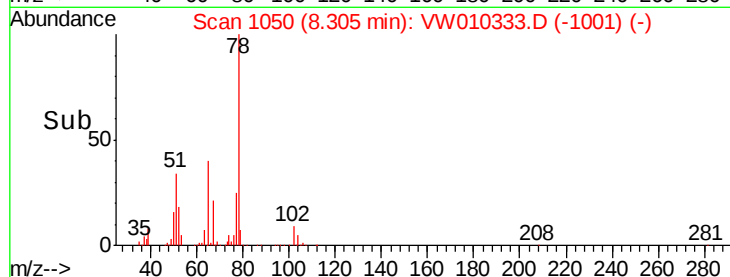
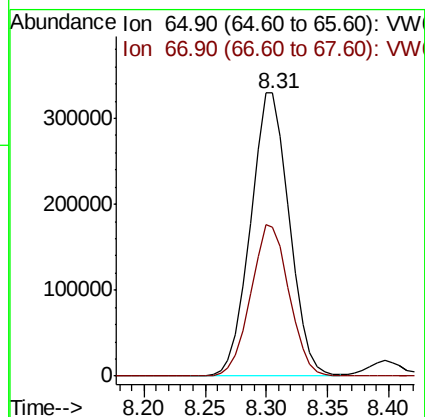
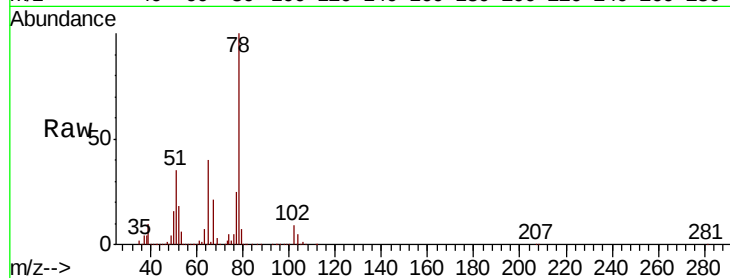
VSTDICCC050

Tgt Ion: 65 Resp: 727216

Ion Ratio Lower Upper

65 100

67 52.8 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: VW010333.D

Acq: 09 May 2019 12:34

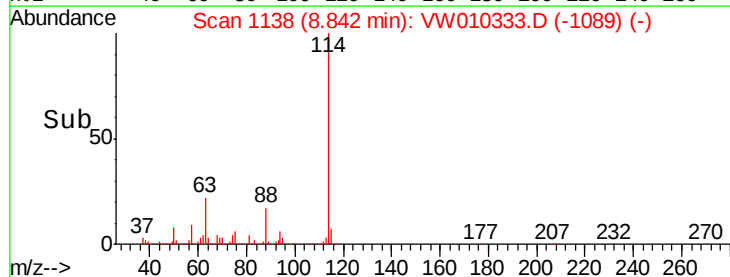
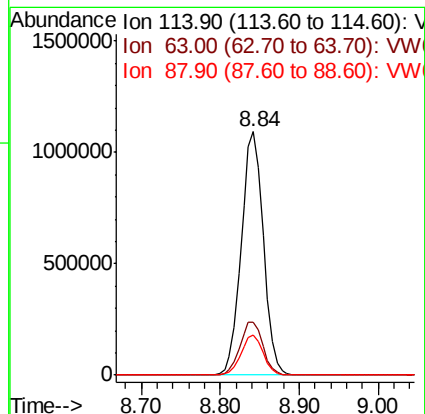
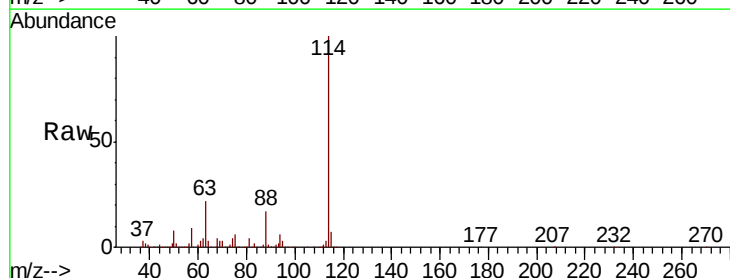
Tgt Ion: 114 Resp: 2125517

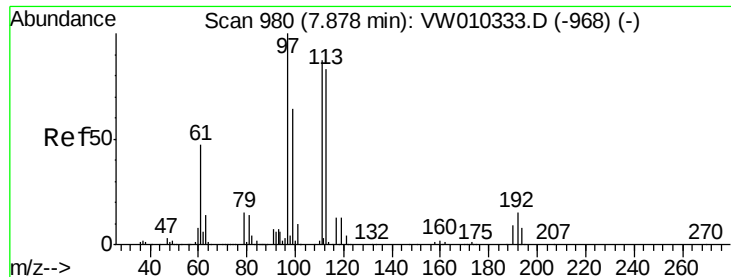
Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.2

88 16.5 0.0 32.6

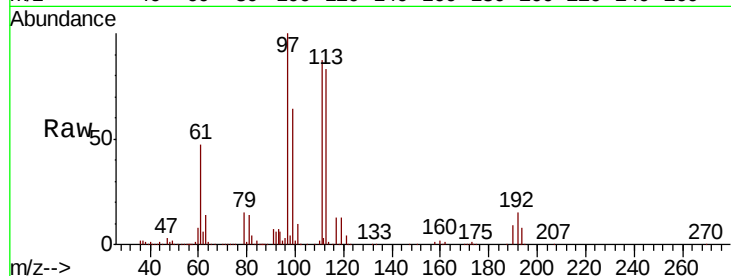




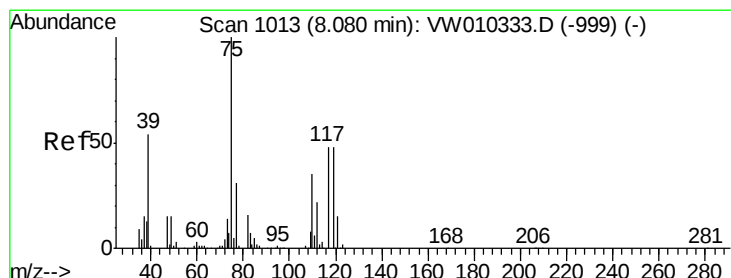
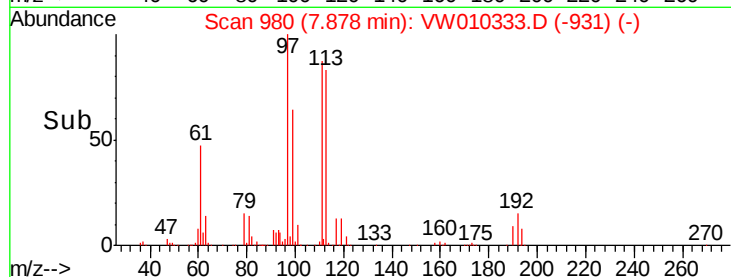
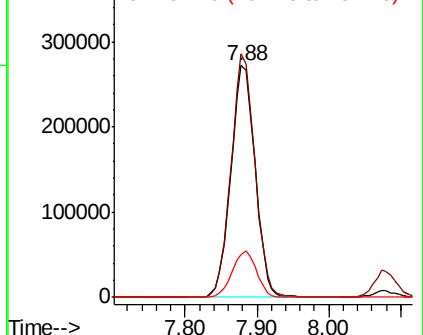
#35
 Dibromofluoromethane
 Concen: 47.261 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:113 Resp: 638656
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 123.8
 192 20.0 15.4 23.2

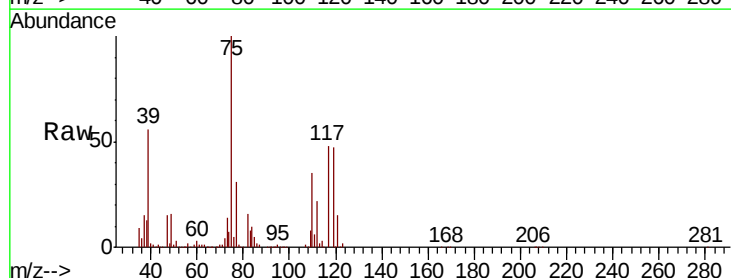


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

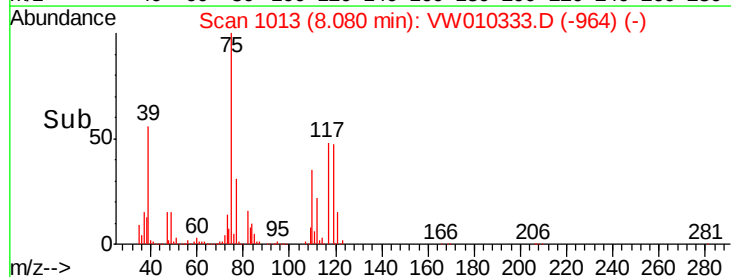
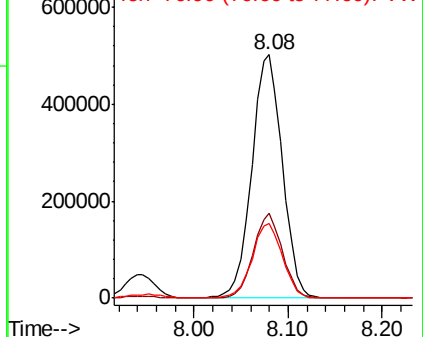


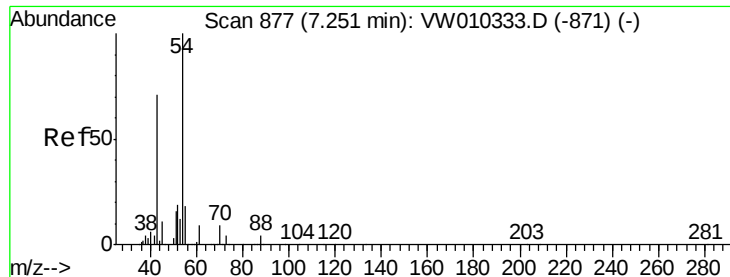
#36
 1,1-Dichloropropene
 Concen: 52.693 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion: 75 Resp: 1144053
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.6 49.8
 77 30.7 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

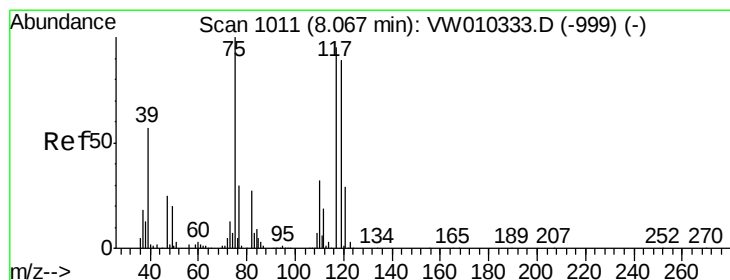
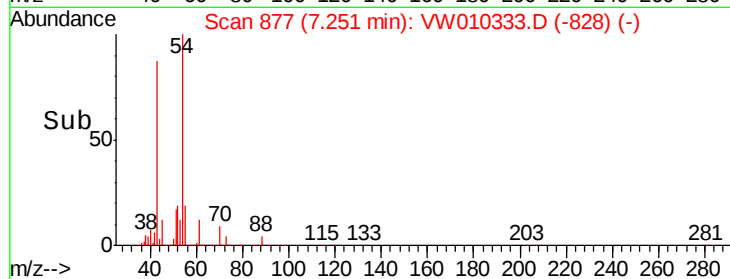
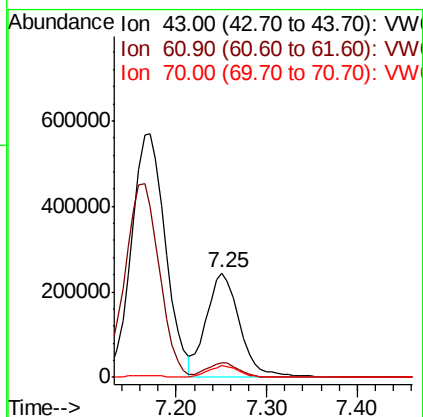
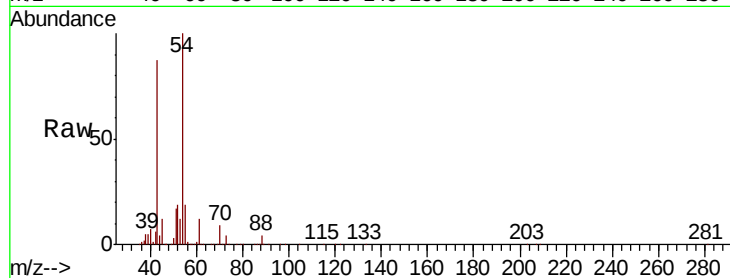




#37
Ethyl Acetate
Concen: 56.744 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

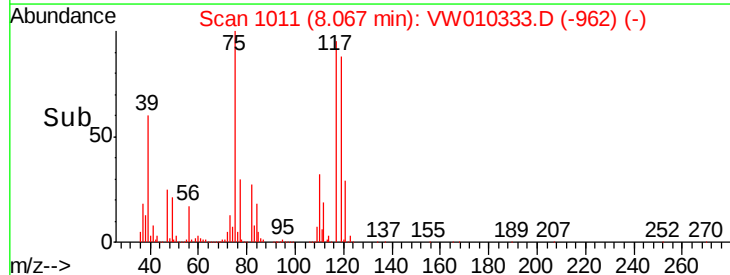
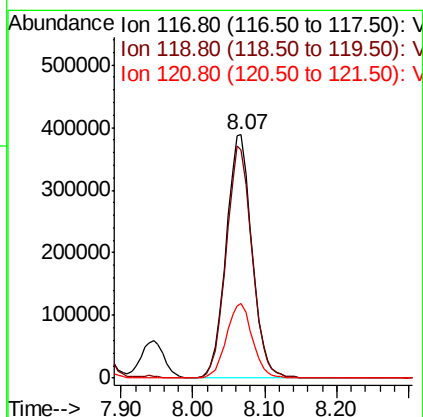
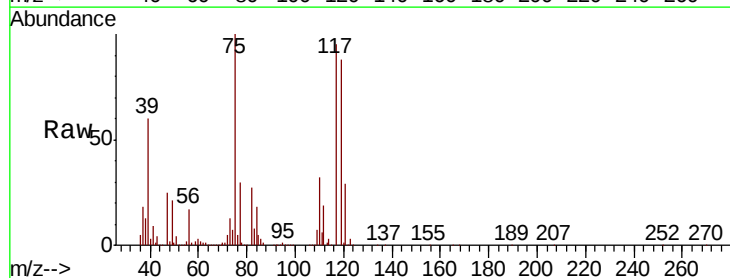
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

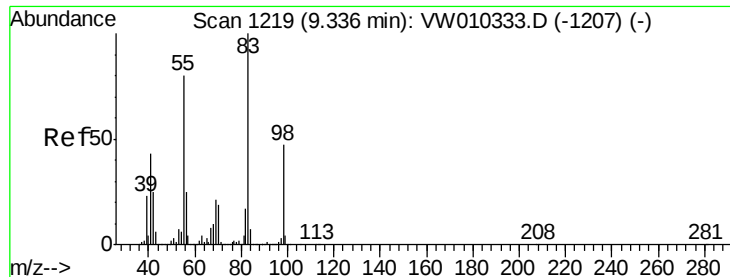
Tgt Ion: 43 Resp: 626037
Ion Ratio Lower Upper
43 100
61 13.3 9.8 14.8
70 10.5 7.4 11.0



#38
Carbon Tetrachloride
Concen: 45.901 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 117 Resp: 972628
Ion Ratio Lower Upper
117 100
119 93.6 75.3 112.9
121 30.5 24.4 36.6

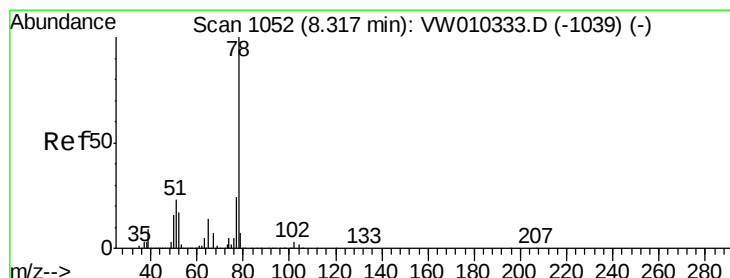
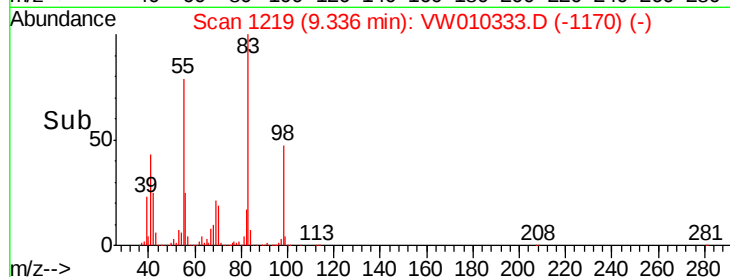
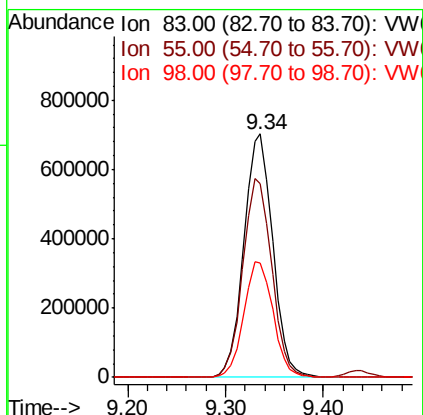
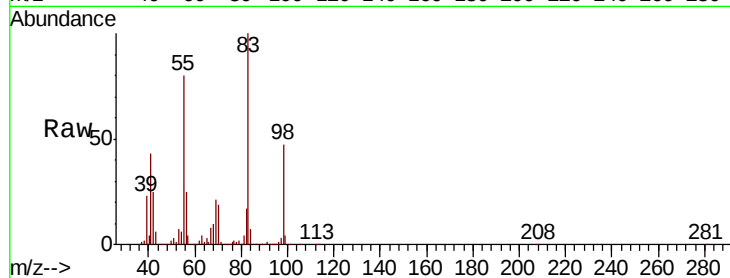




#39
Methylcyclohexane
Concen: 58.957 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

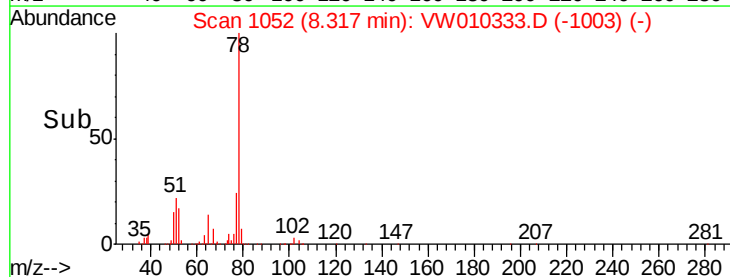
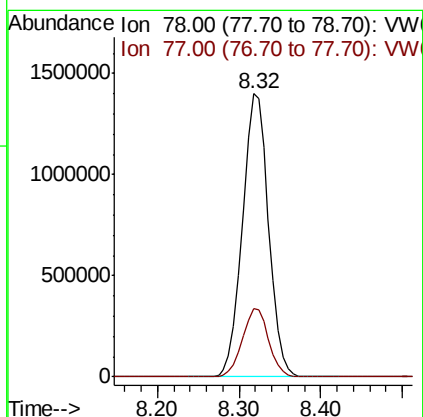
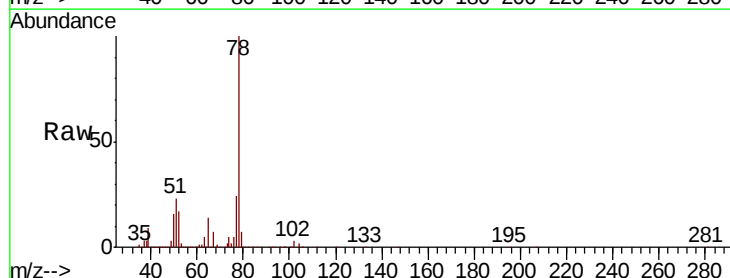
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

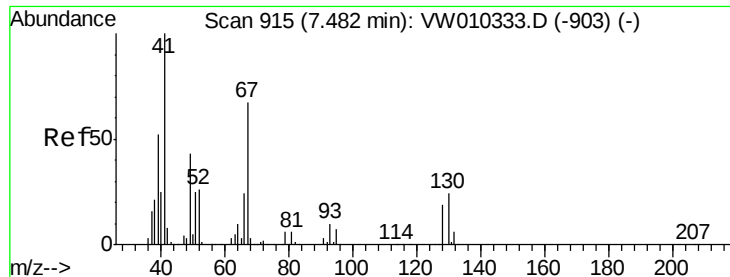
Tgt Ion: 83 Resp: 1440426
Ion Ratio Lower Upper
83 100
55 79.5 67.1 100.7
98 47.2 39.2 58.8



#40
Benzene
Concen: 52.267 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 78 Resp: 3102860
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

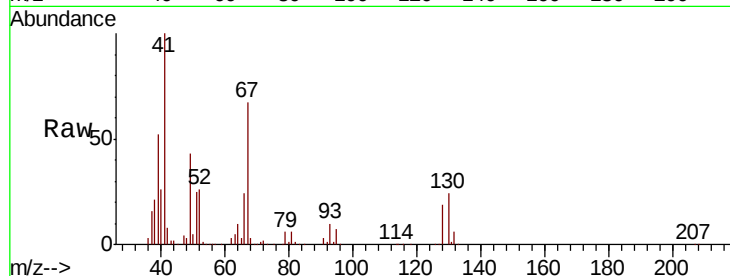




#41
Methacrylonitrile
Concen: 57.527 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	361726
Ion	Ratio	Lower	Upper
41	100		
39	52.3	45.0	67.4
67	69.8	50.7	76.1
52	28.0	22.6	33.8



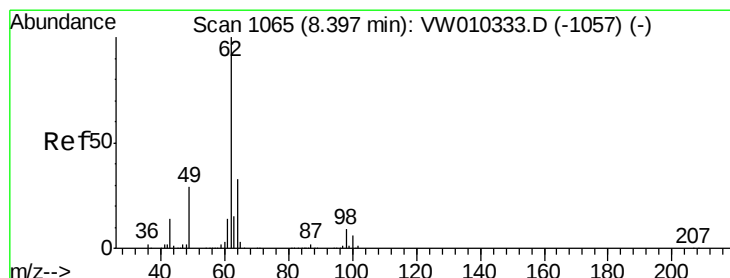
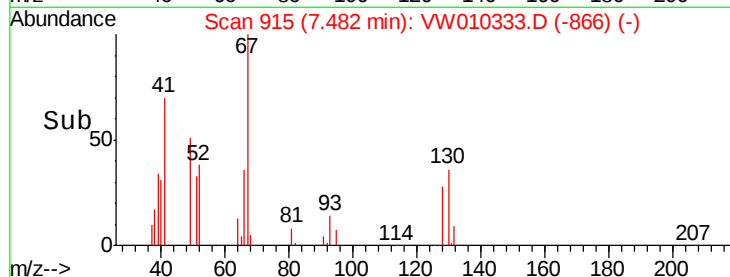
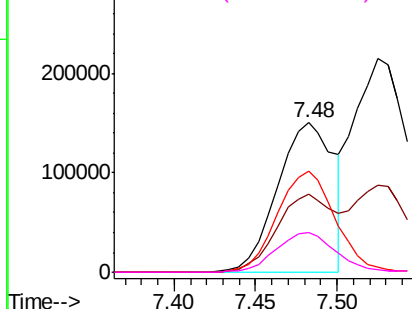
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

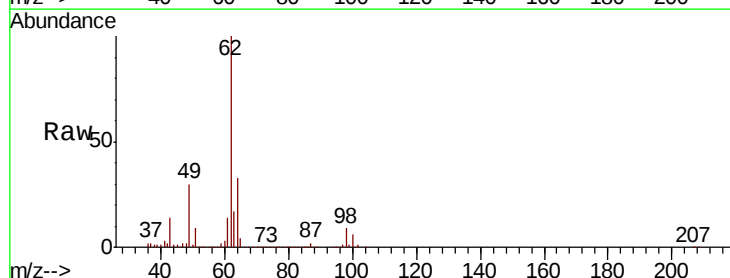
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 43.548 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

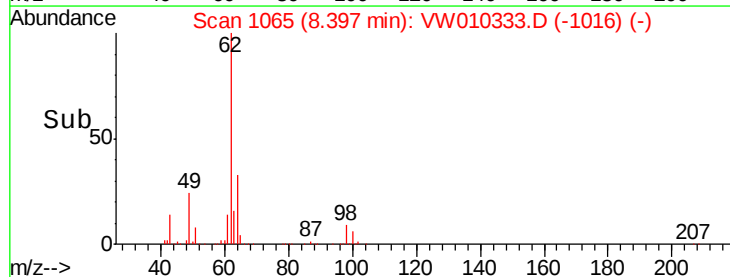
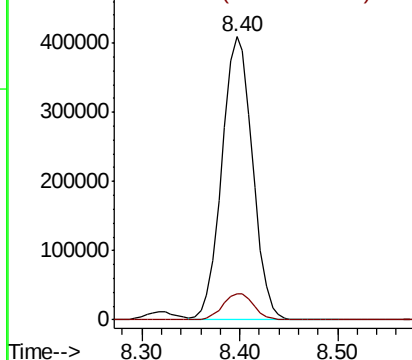
Tgt Ion:	62	Resp:	888458
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.6

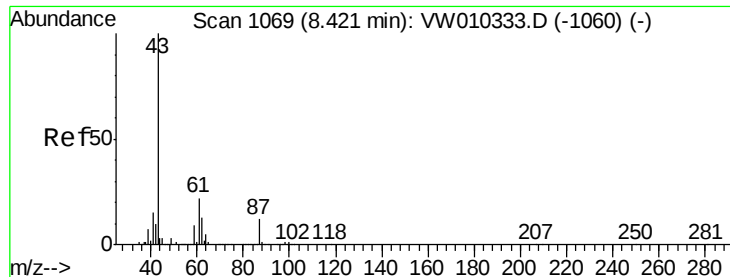


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 50.187 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

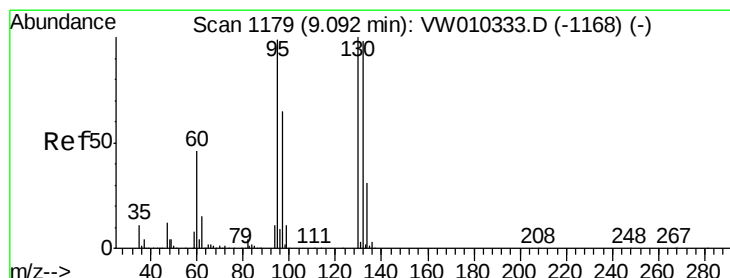
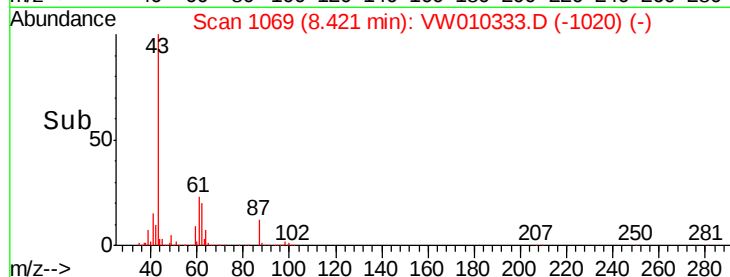
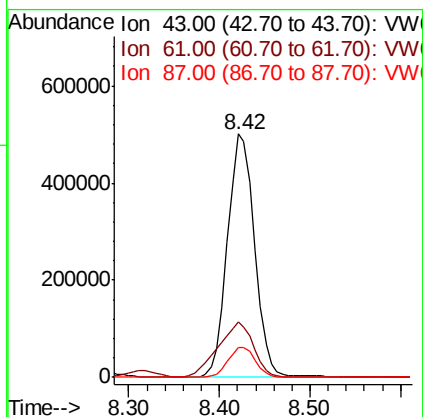
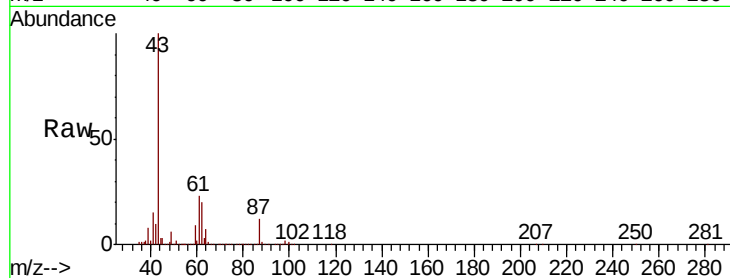
Tgt Ion: 43 Resp: 1037579

Ion Ratio Lower Upper

43 100

61 29.7 23.0 34.6

87 12.6 9.3 13.9



#44

Trichloroethene

Concen: 51.716 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010333.D

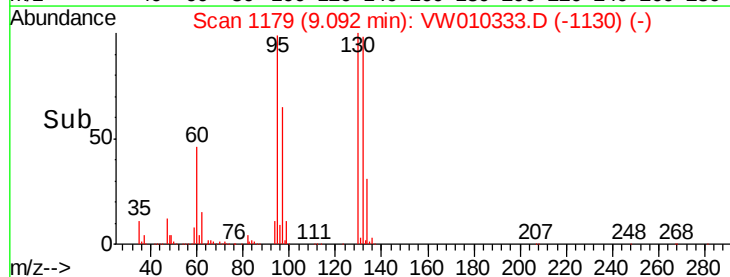
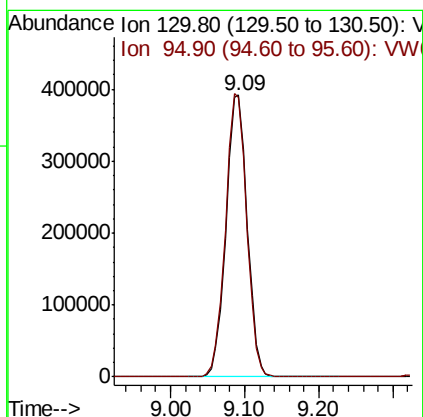
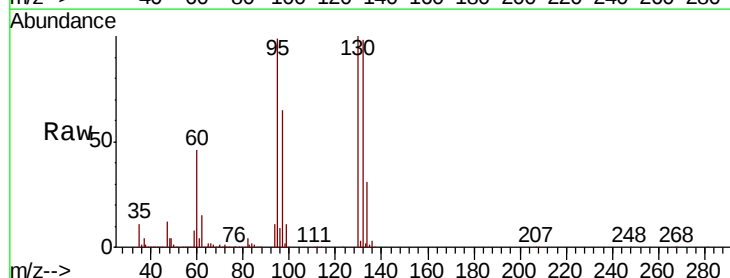
Acq: 09 May 2019 12:34

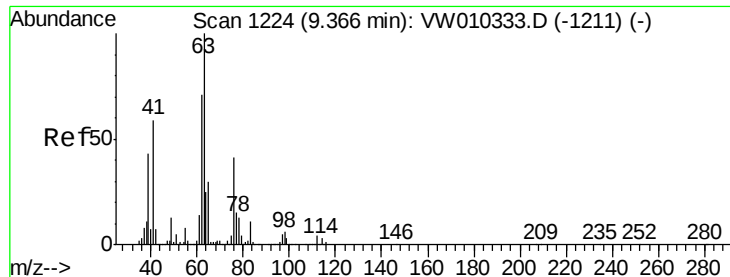
Tgt Ion: 130 Resp: 779781

Ion Ratio Lower Upper

130 100

95 99.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.638 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

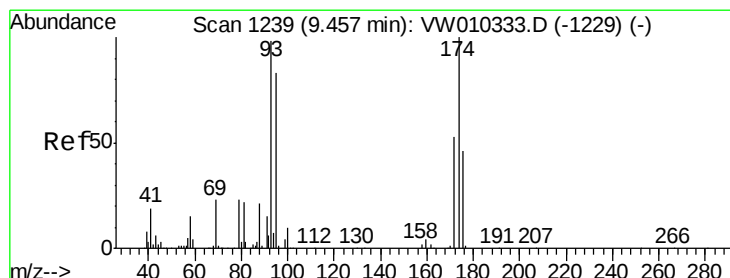
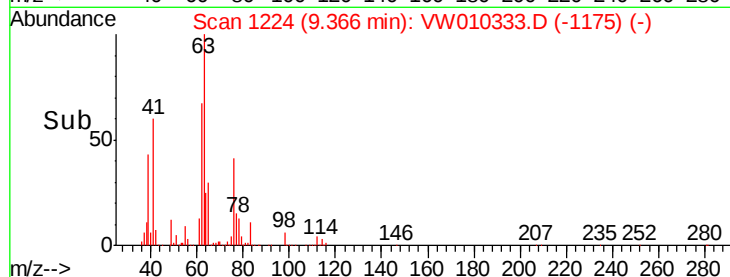
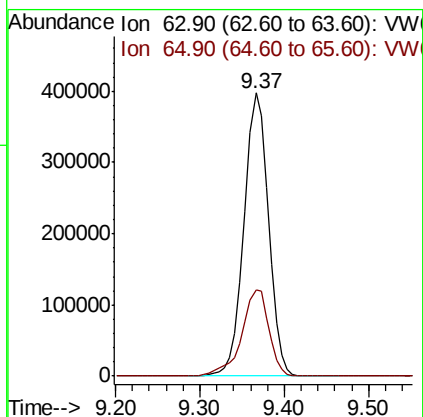
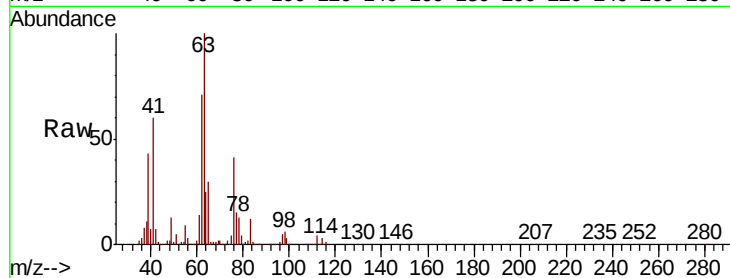
VSTDICCC050

Tgt Ion: 63 Resp: 774570

Ion Ratio Lower Upper

63 100

65 30.4 23.8 35.6



#46

Dibromomethane

Concen: 49.252 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

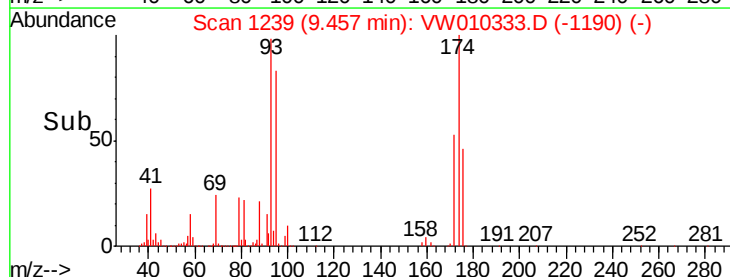
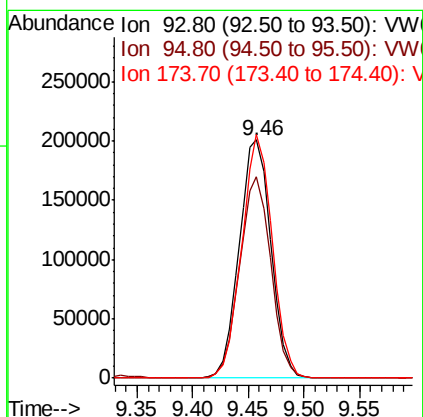
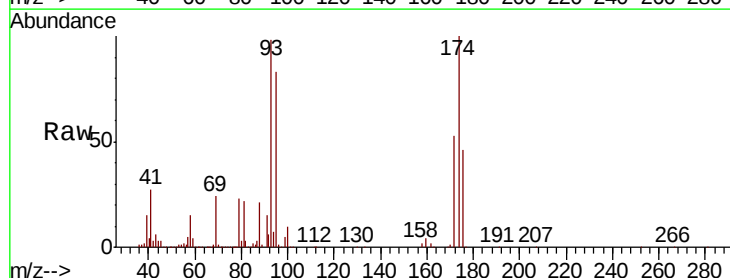
Tgt Ion: 93 Resp: 398330

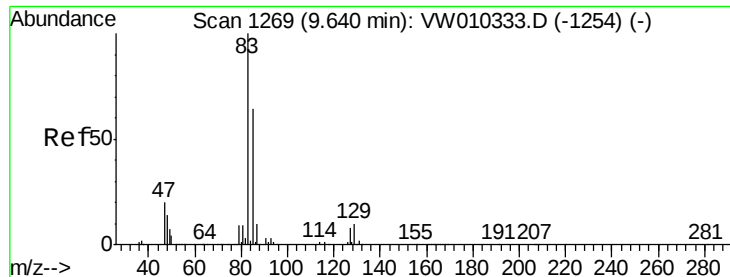
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 98.5 75.5 113.3

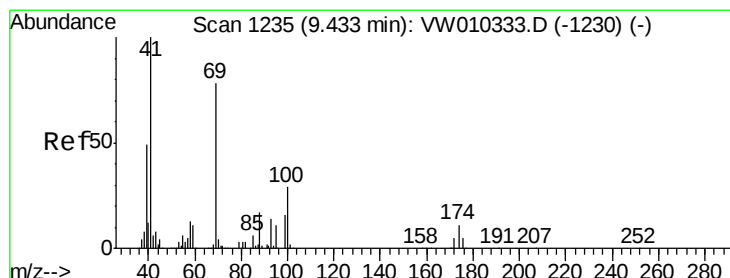
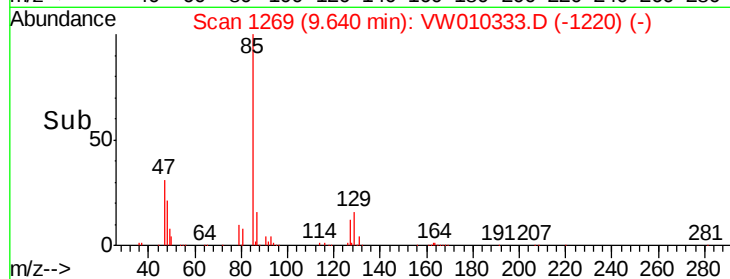
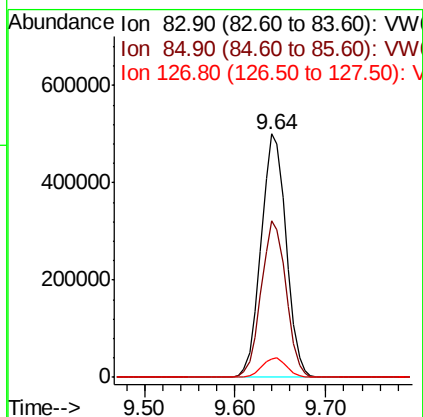
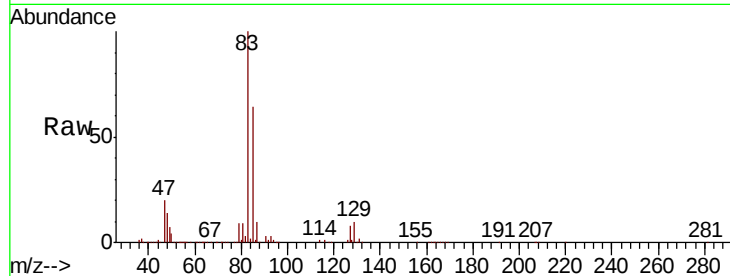




#47
 Bromodichloromethane
 Concen: 45.914 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

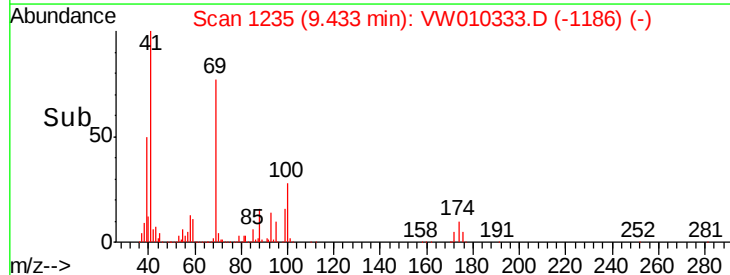
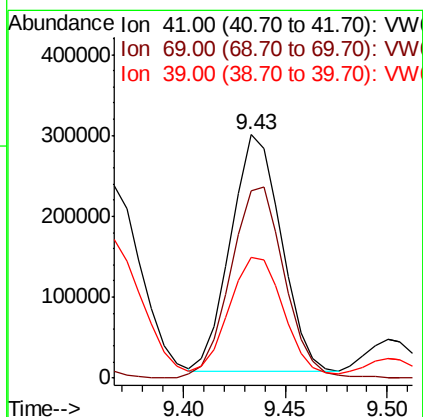
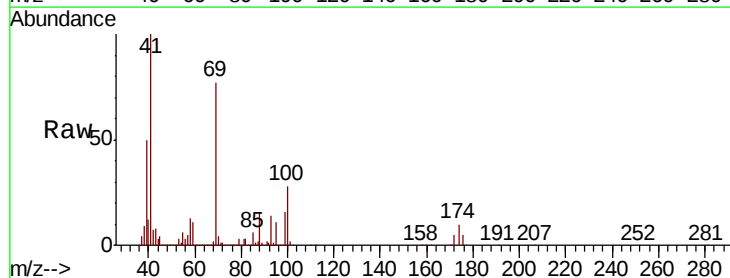
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

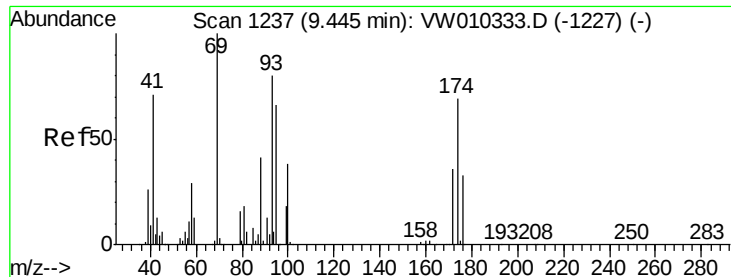
Tgt Ion: 83 Resp: 958582
 Ion Ratio Lower Upper
 83 100
 85 64.2 50.6 75.8
 127 7.7 6.6 10.0



#48
 Methyl methacrylate
 Concen: 50.288 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion: 41 Resp: 506087
 Ion Ratio Lower Upper
 41 100
 69 85.1 60.1 90.1
 39 52.0 51.0 76.6





#49

1,4-Dioxane

Concen: 1204.638 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

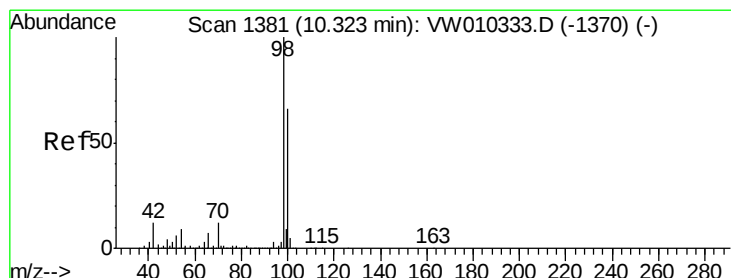
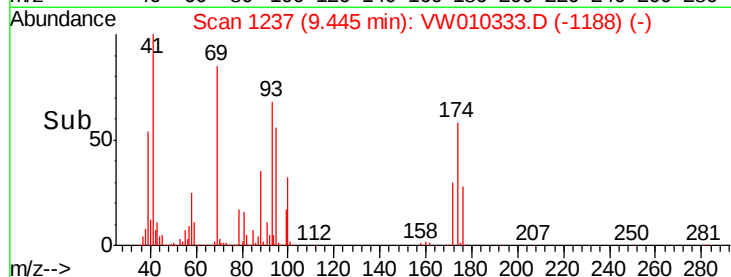
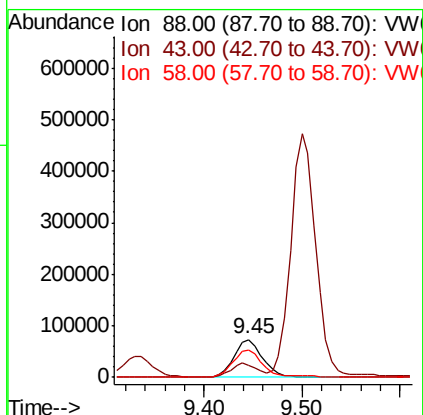
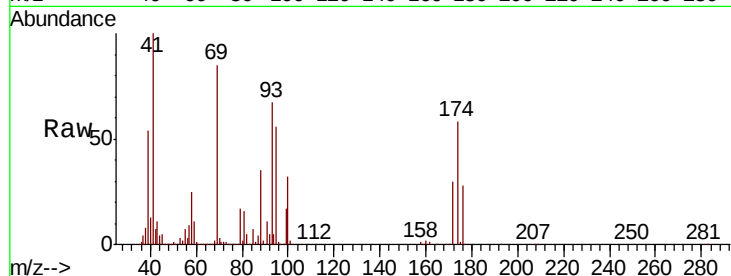
Tgt Ion: 88 Resp: 148867

Ion Ratio Lower Upper

88 100

43 33.6 31.9 47.9

58 76.7 61.8 92.6



#50

Toluene-d8

Concen: 52.488 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010333.D

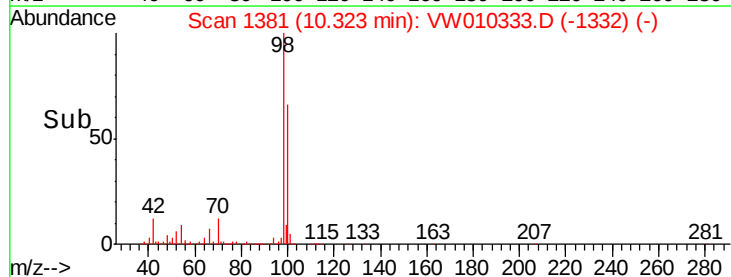
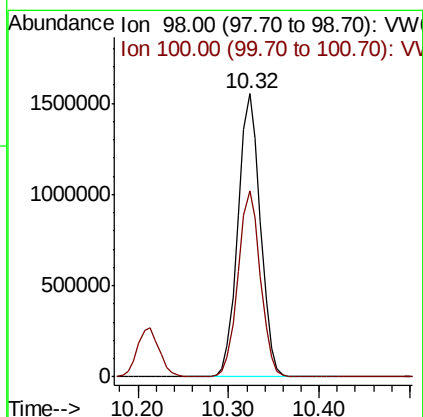
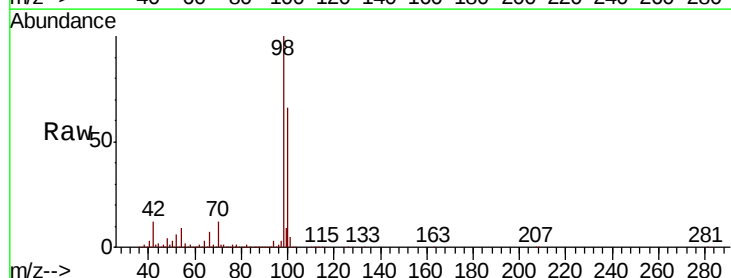
Acq: 09 May 2019 12:34

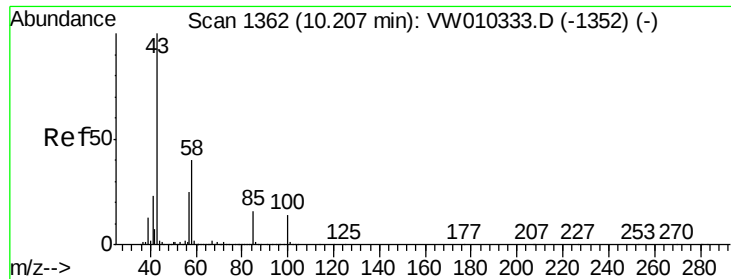
Tgt Ion: 98 Resp: 2657814

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 283.343 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

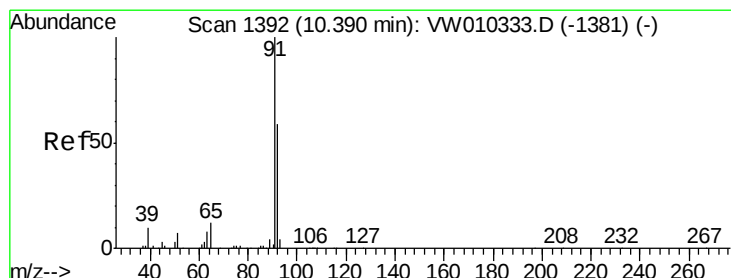
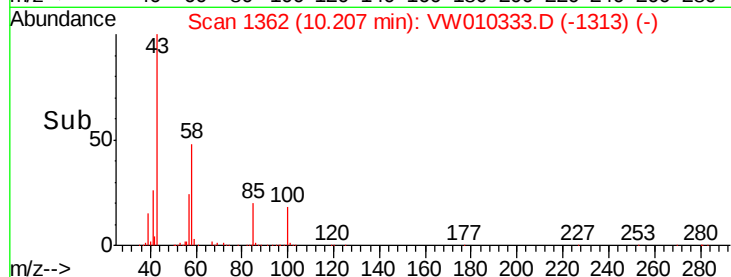
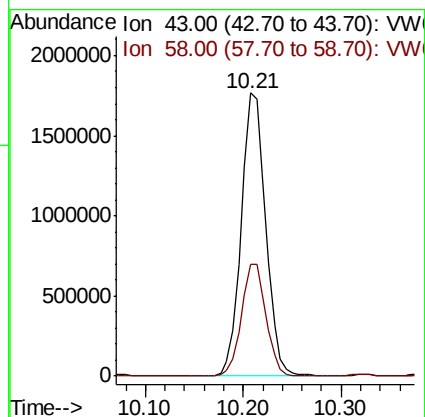
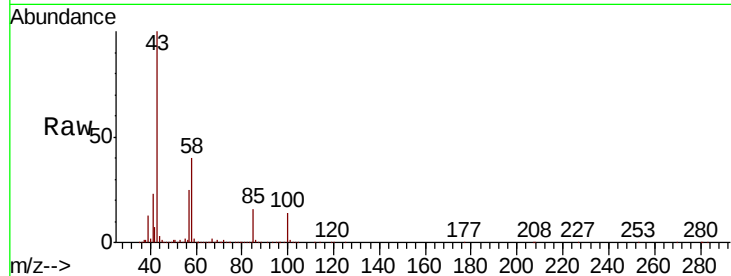
VSTDICCC050

Tgt Ion: 43 Resp: 3068098

Ion Ratio Lower Upper

43 100

58 39.9 28.9 43.3



#52

Toluene

Concen: 52.310 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010333.D

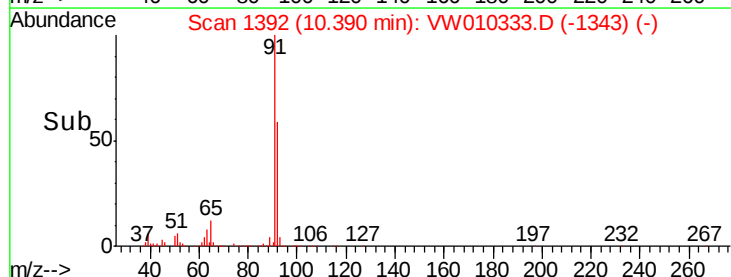
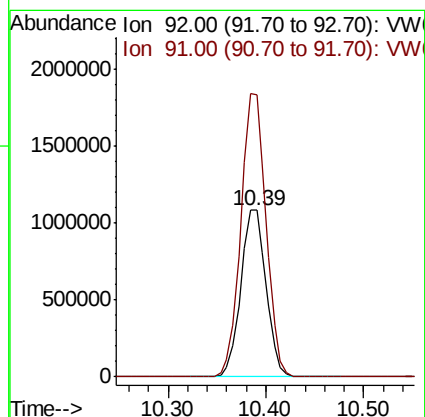
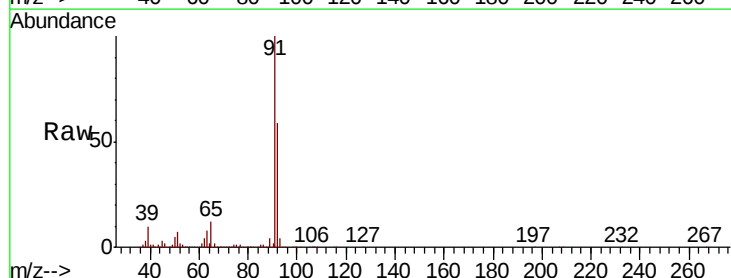
Acq: 09 May 2019 12:34

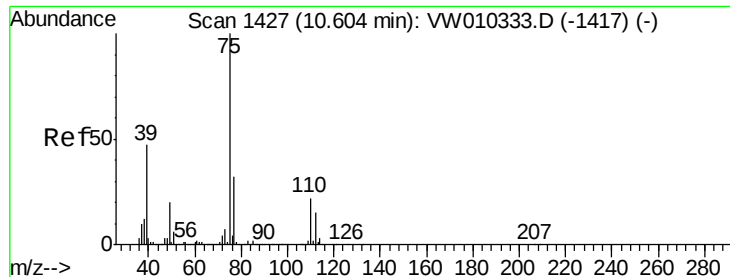
Tgt Ion: 92 Resp: 1934418

Ion Ratio Lower Upper

92 100

91 169.5 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 48.890 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

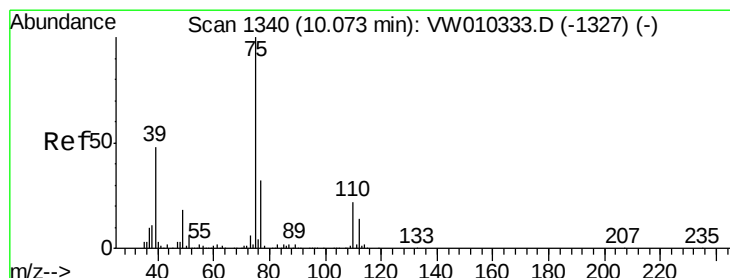
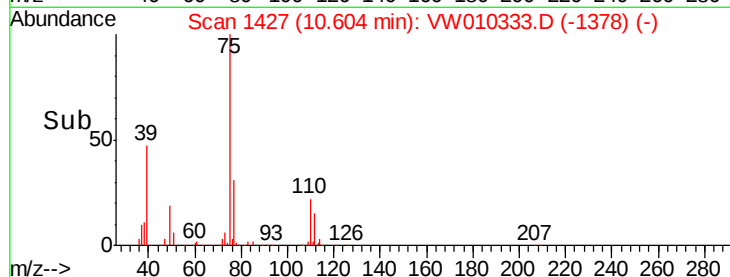
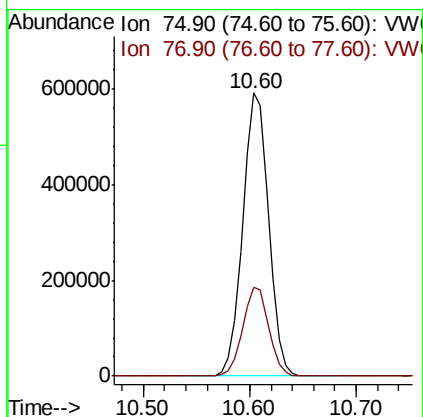
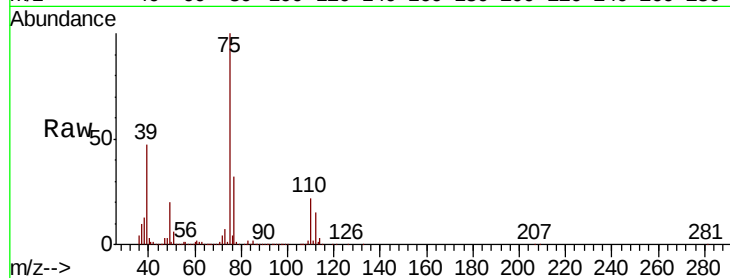
VSTDICCC050

Tgt Ion: 75 Resp: 1011987

Ion Ratio Lower Upper

75 100

77 31.5 26.9 40.3



#54

cis-1,3-Dichloropropene

Concen: 49.962 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

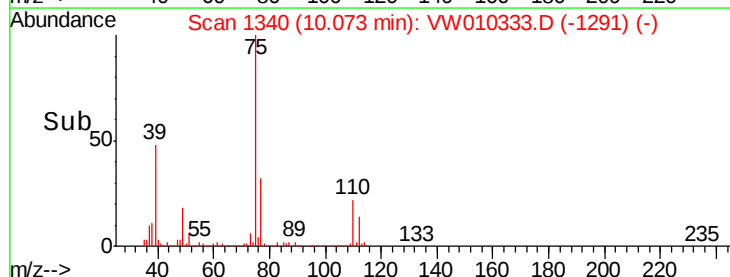
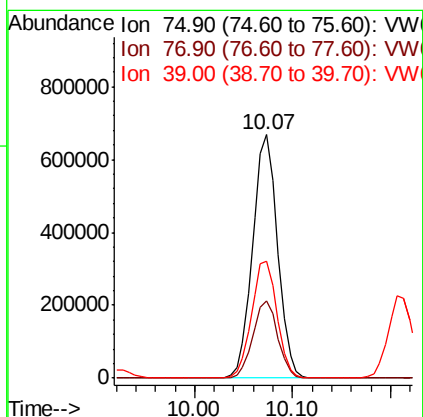
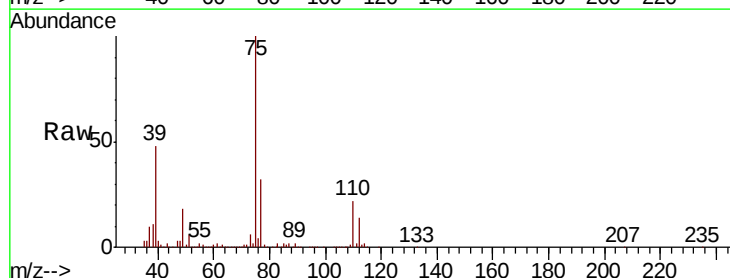
Tgt Ion: 75 Resp: 1180880

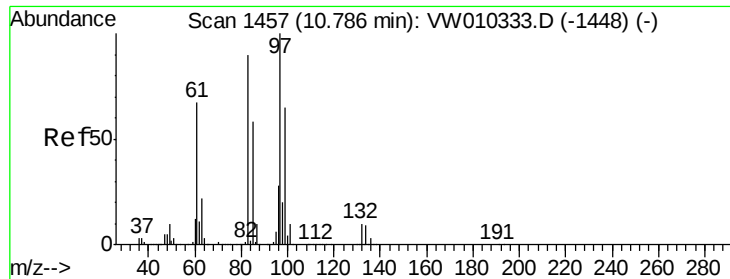
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 47.8 47.8 71.6

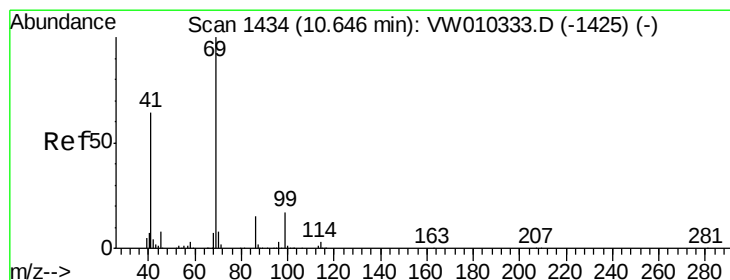
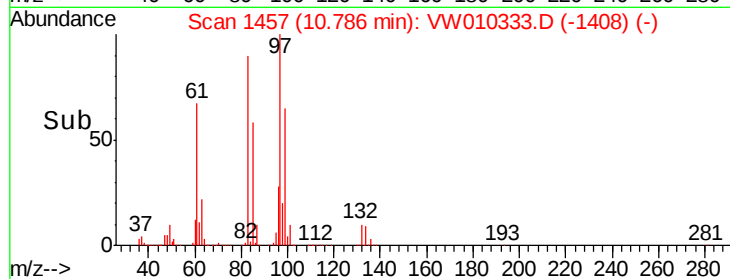
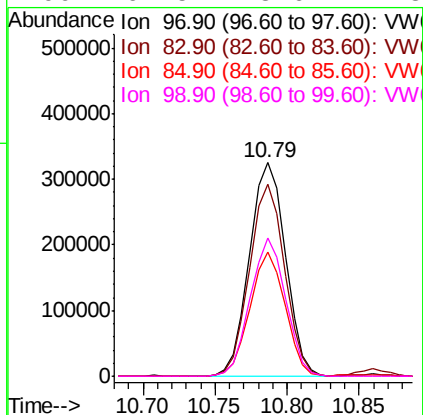
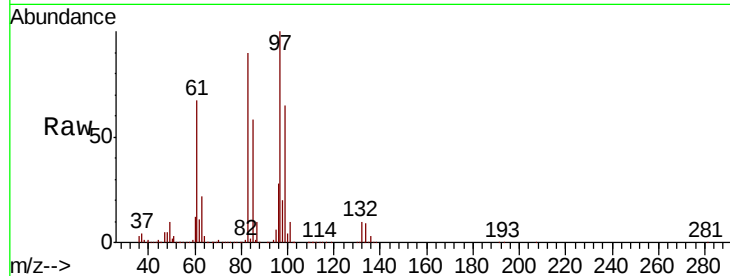




#55
 1,1,2-Trichloroethane
 Concen: 49.952 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

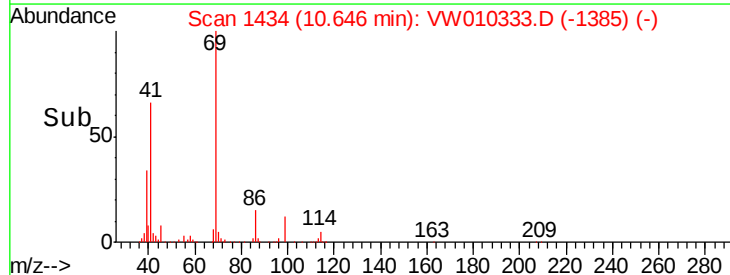
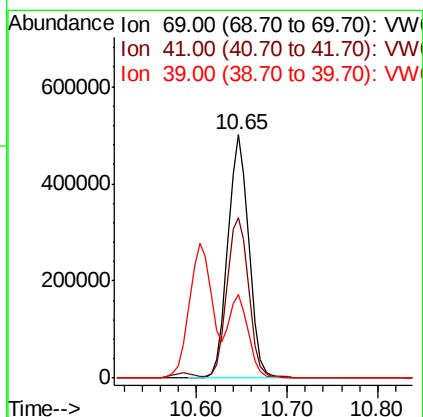
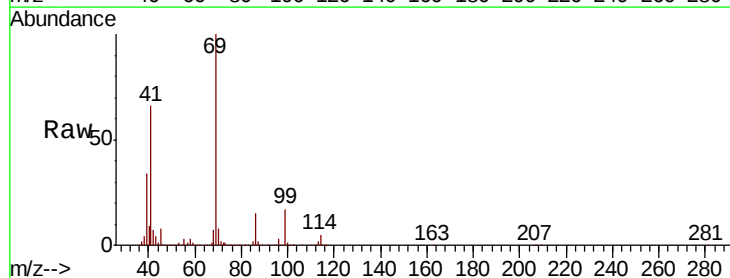
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

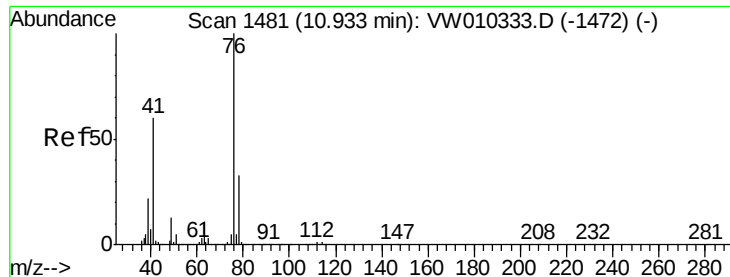
Tgt Ion:	97	Resp:	563867
Ion	Ratio	Lower	Upper
97	100		
83	89.6	68.9	103.3
85	57.9	42.9	64.3
99	64.5	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 57.099 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion:	69	Resp:	801278
Ion	Ratio	Lower	Upper
69	100		
41	68.2	61.0	91.6
39	31.6	33.8	50.6#

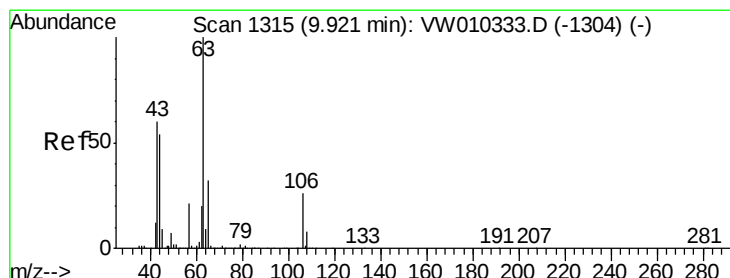
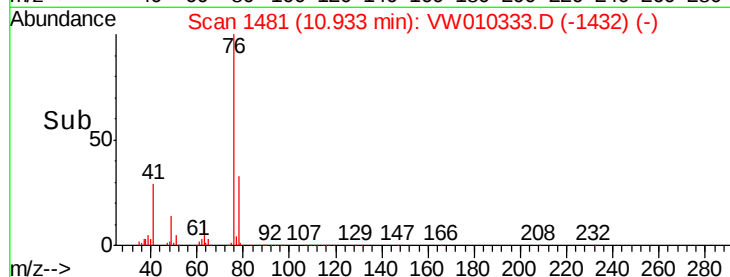
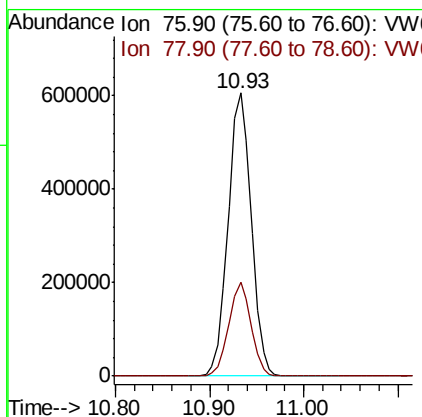
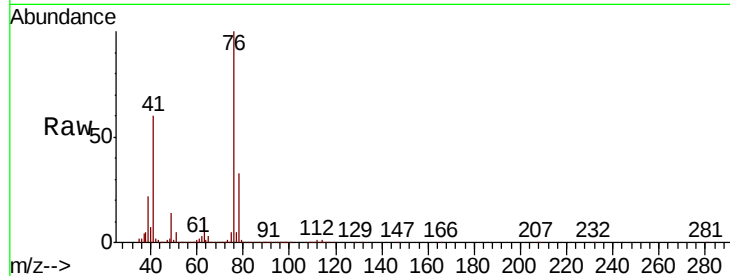




#57
 1,3-Dichloropropane
 Concen: 51.028 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

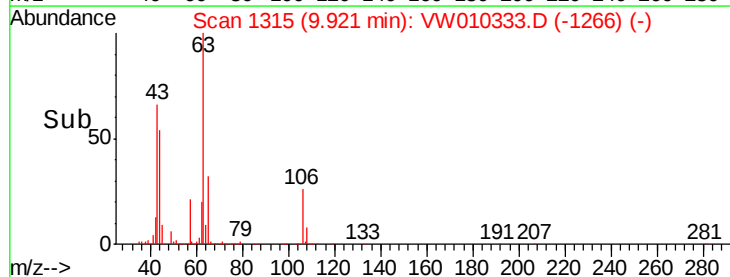
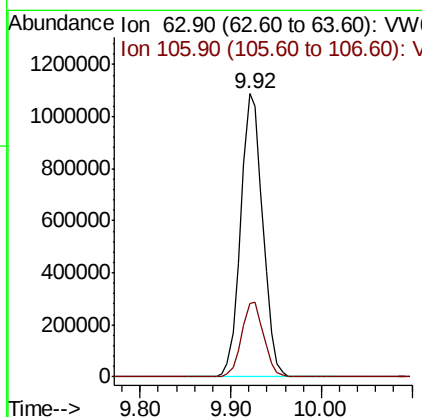
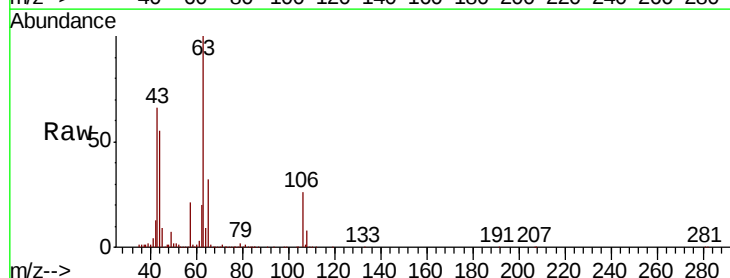
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

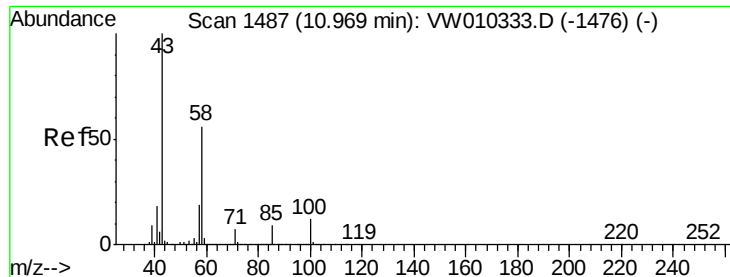
Tgt Ion: 76 Resp: 1032423
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.476 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion: 63 Resp: 1825532
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.4 32.0





#59

2-Hexanone

Concen: 293.182 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

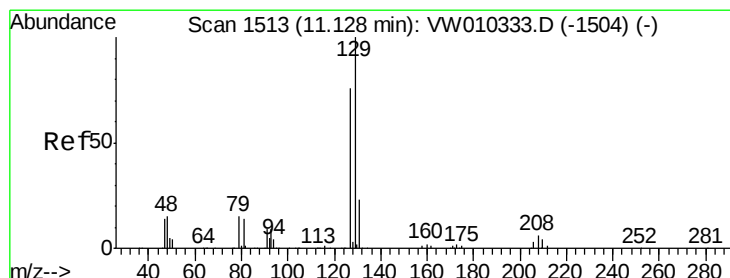
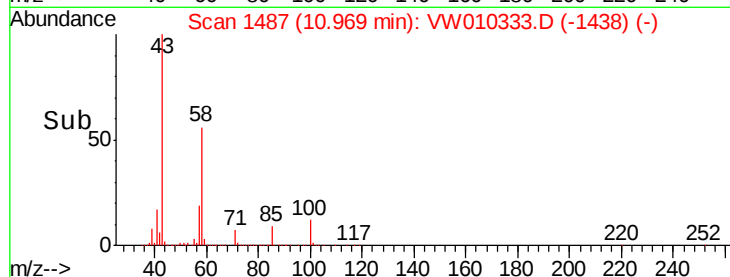
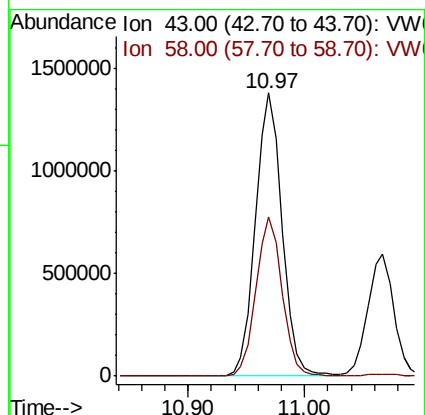
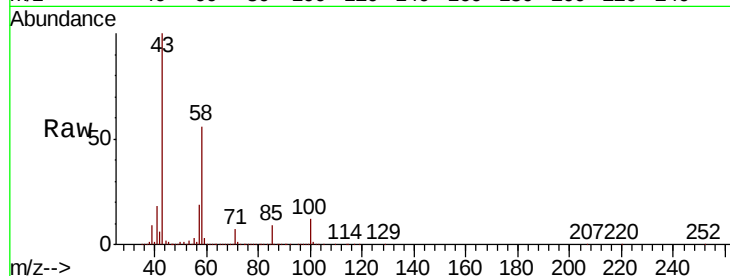
VSTDICCC050

Tgt Ion: 43 Resp: 2209891

Ion Ratio Lower Upper

43 100

58 55.3 24.9 74.7



#60

Dibromochloromethane

Concen: 47.363 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW010333.D

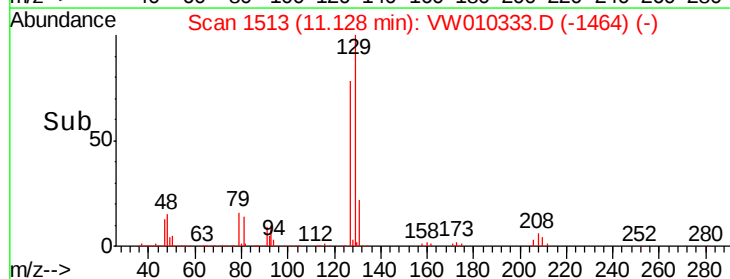
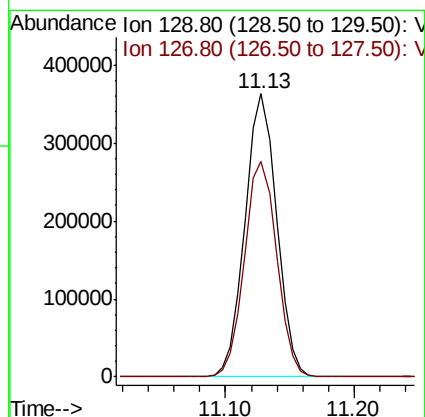
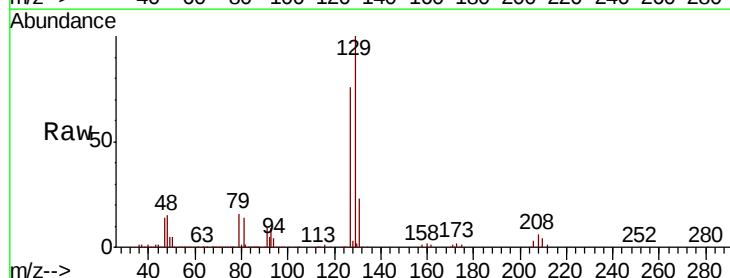
Acq: 09 May 2019 12:34

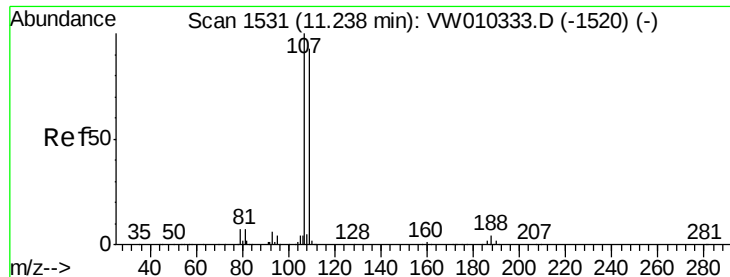
Tgt Ion: 129 Resp: 617938

Ion Ratio Lower Upper

129 100

127 77.8 38.6 116.0

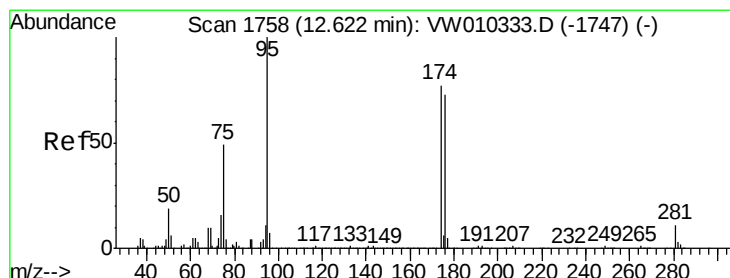
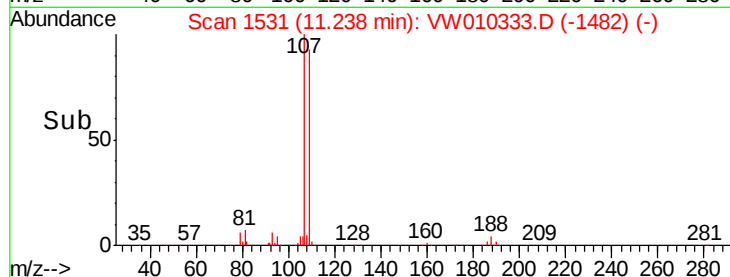
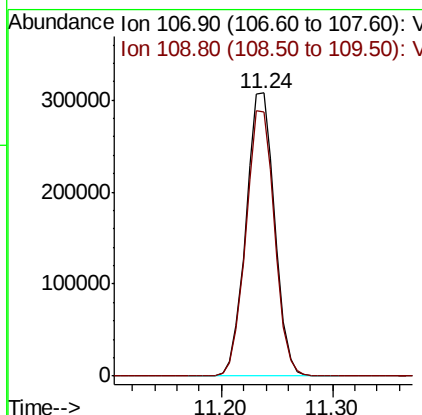
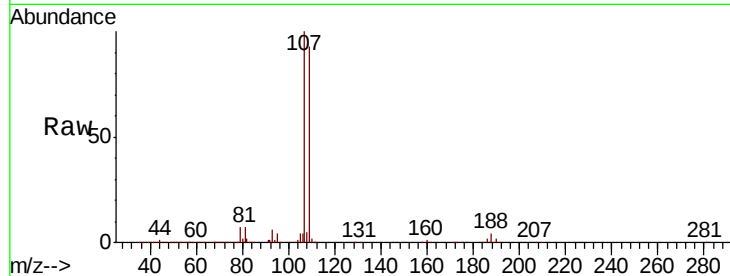




#61
 1,2-Dibromoethane
 Concen: 51.316 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

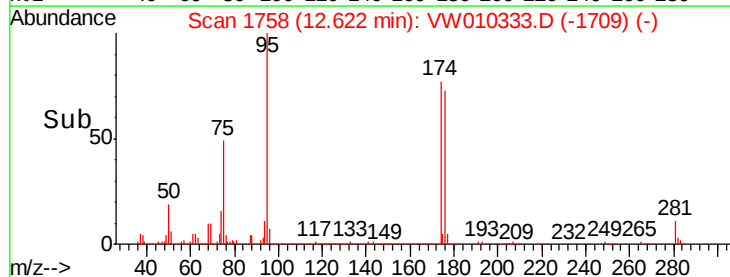
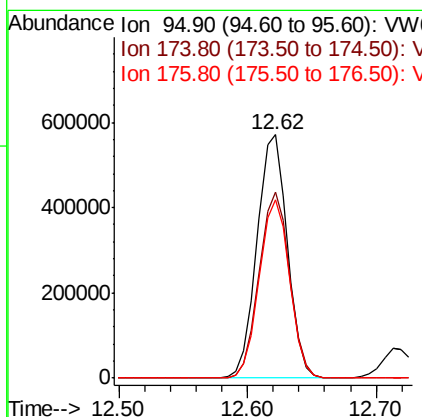
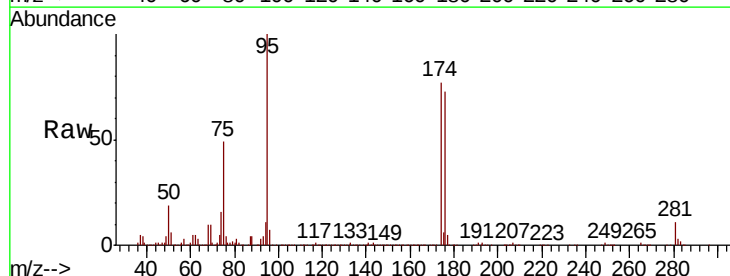
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

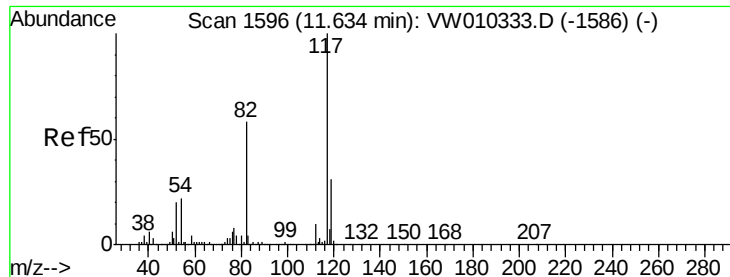
Tgt Ion: 107 Resp: 551047
 Ion Ratio Lower Upper
 107 100
 109 93.8 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 50.342 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion: 95 Resp: 926603
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 151.4
 176 73.8 0.0 146.2

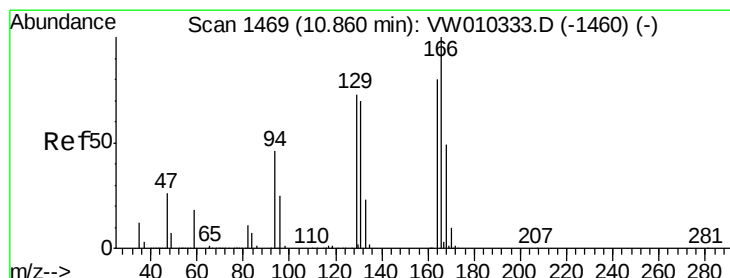
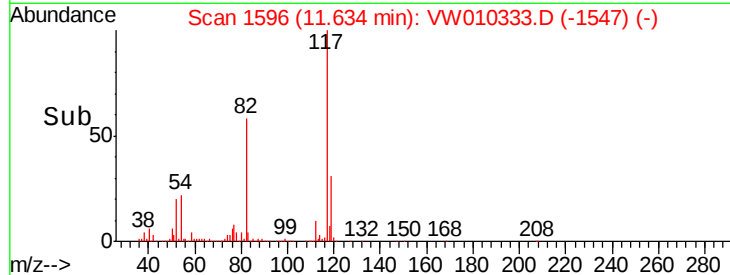
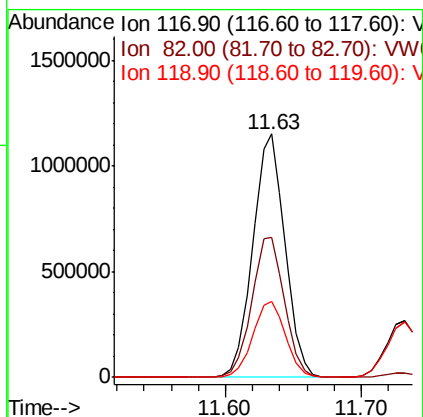
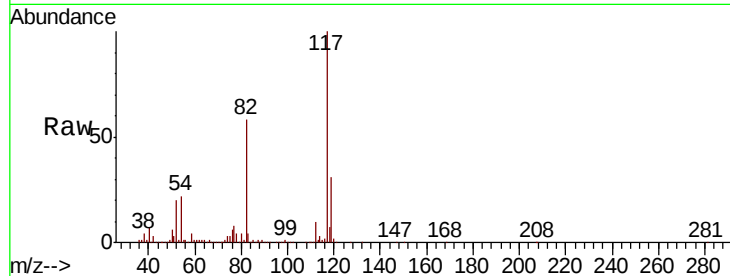




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

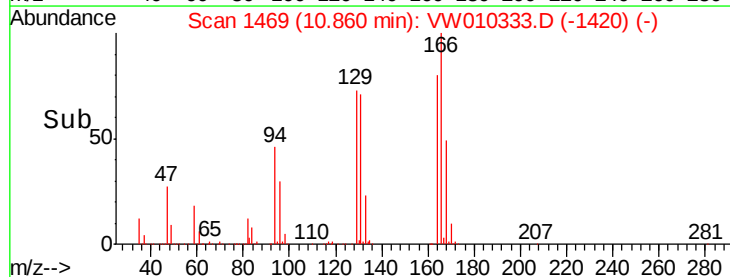
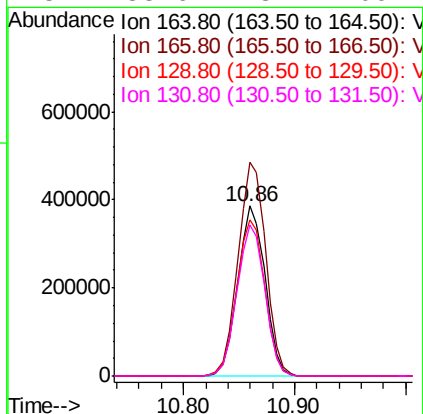
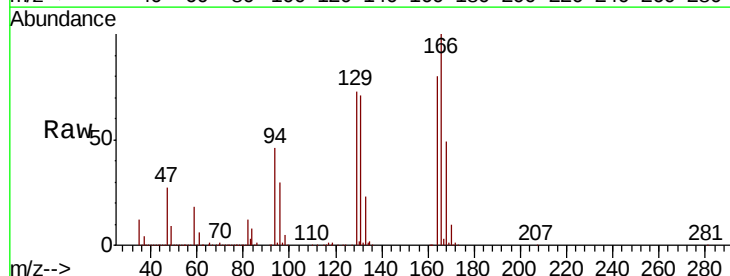
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

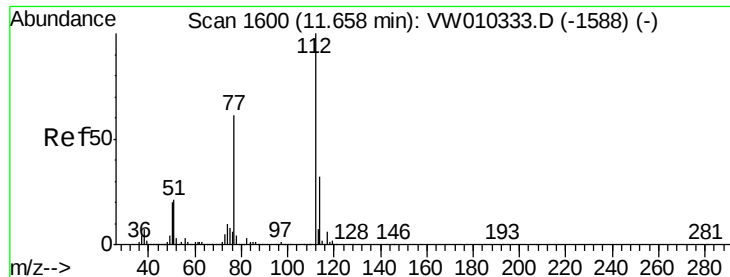
Tgt Ion:117 Resp: 1905891
Ion Ratio Lower Upper
117 100
82 57.7 45.2 67.8
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 52.833 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion:164 Resp: 653676
Ion Ratio Lower Upper
164 100
166 125.5 101.2 151.8
129 91.6 77.8 116.6
131 88.6 73.1 109.7

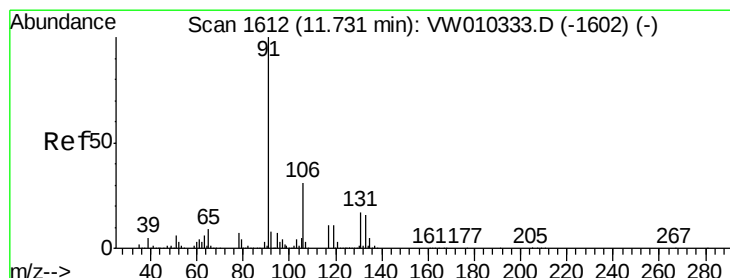
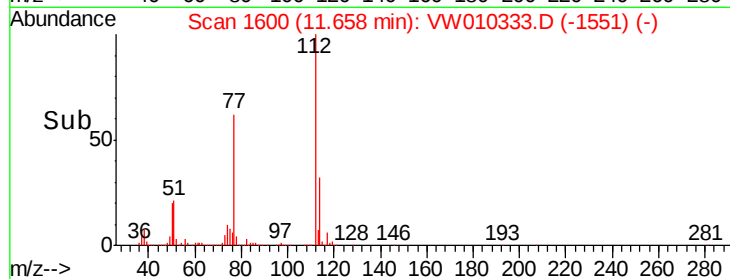
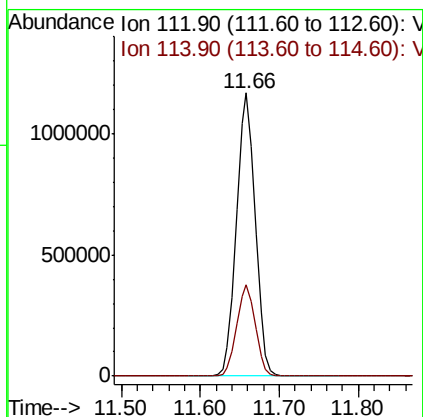
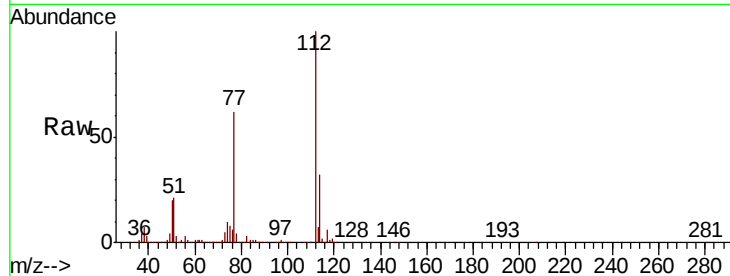




#65
Chlorobenzene
Concen: 49.661 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

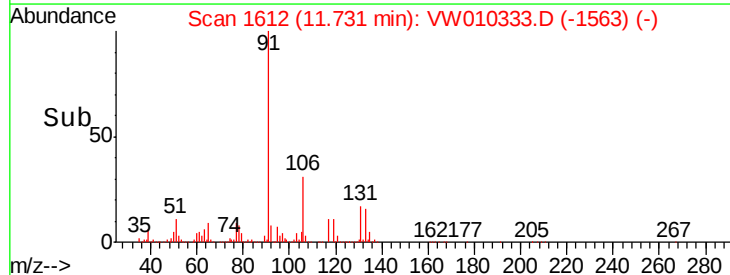
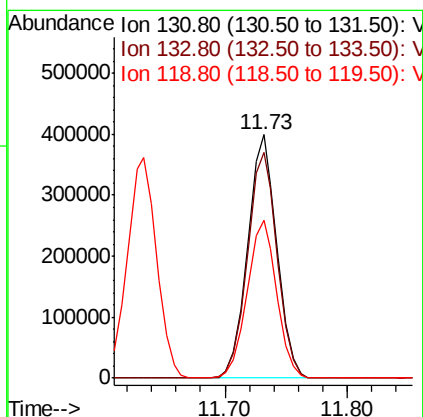
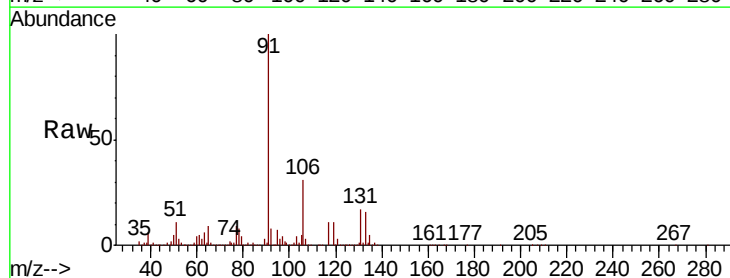
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

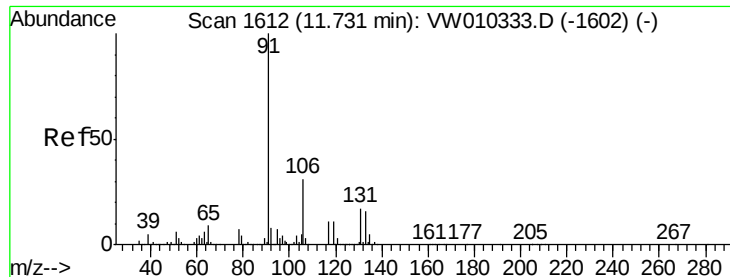
Tgt Ion:112 Resp: 1937195
Ion Ratio Lower Upper
112 100
114 32.3 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 47.192 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion:131 Resp: 658317
Ion Ratio Lower Upper
131 100
133 94.8 46.5 139.5
119 66.0 31.9 95.5

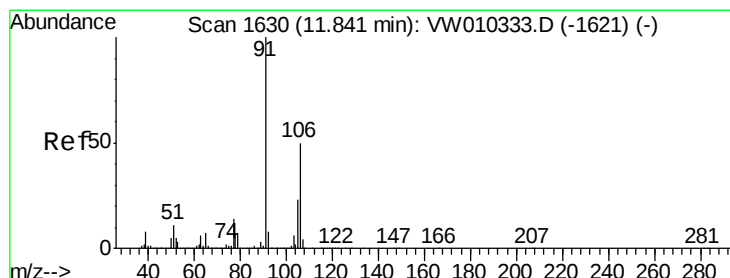
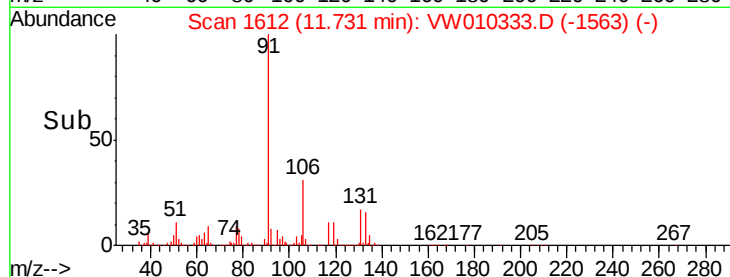
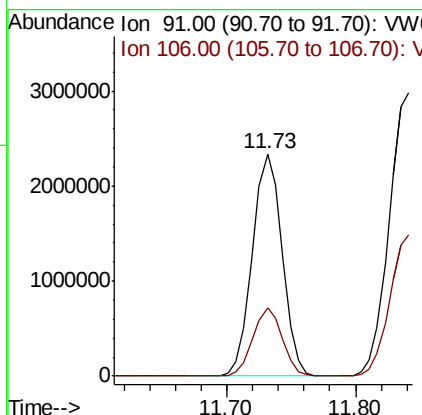
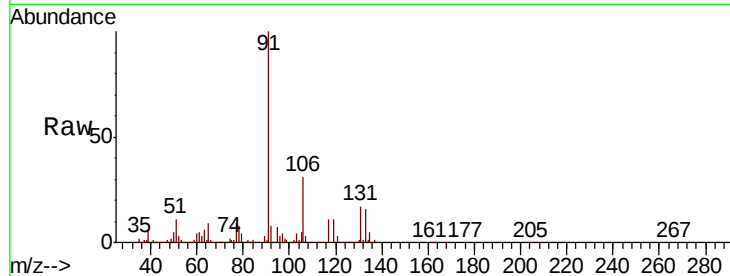




#67
Ethyl Benzene
Concen: 53.301 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

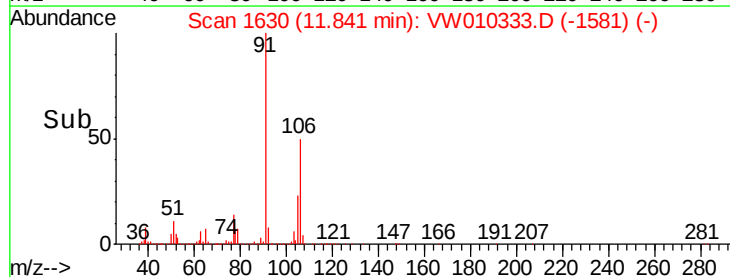
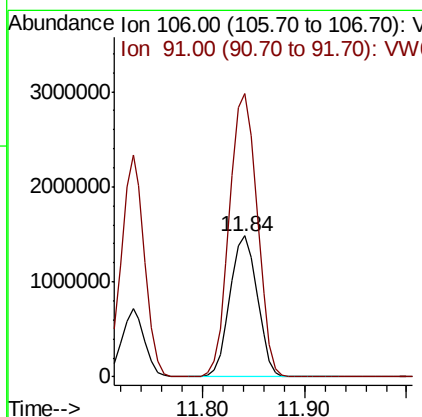
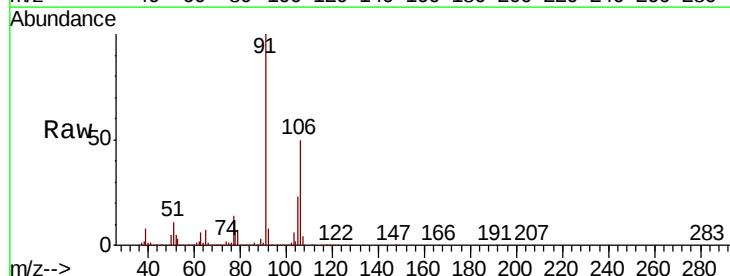
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

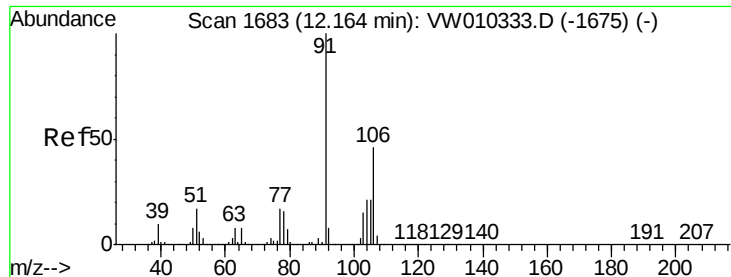
Tgt Ion: 91 Resp: 3709606
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.8



#68
m/p-Xylenes
Concen: 106.359 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 106 Resp: 2767026
Ion Ratio Lower Upper
106 100
91 203.6 165.0 247.6

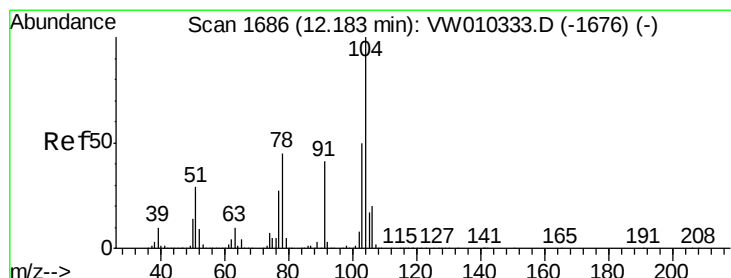
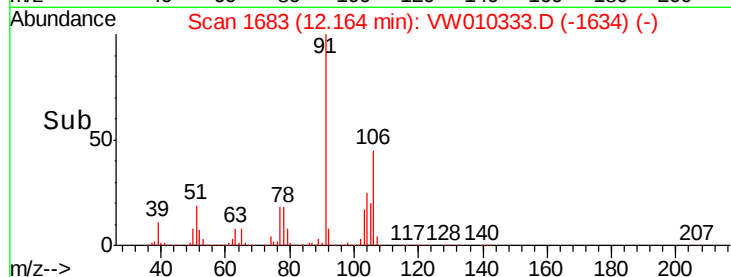
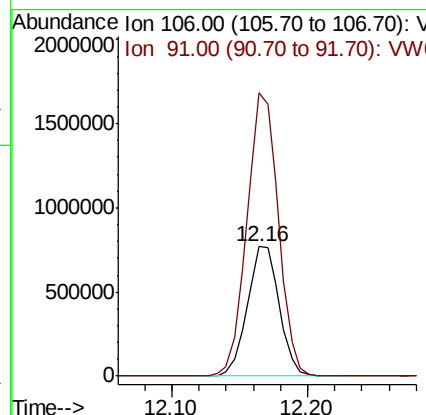
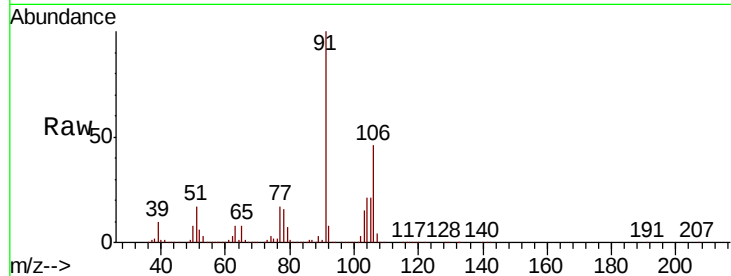




#69
o-Xylene
Concen: 53.208 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

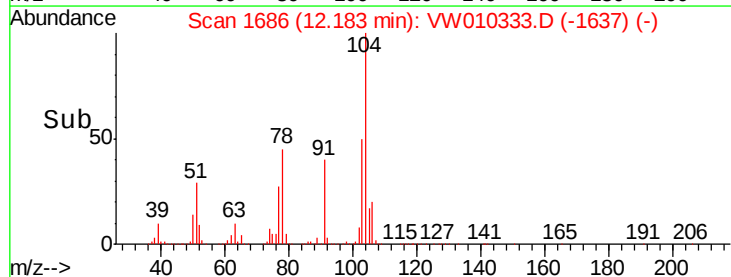
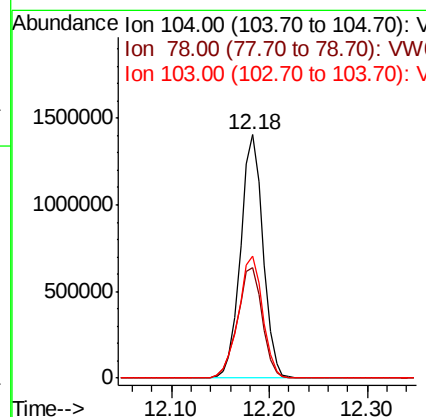
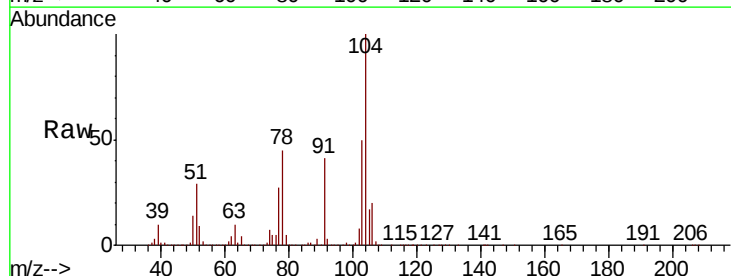
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

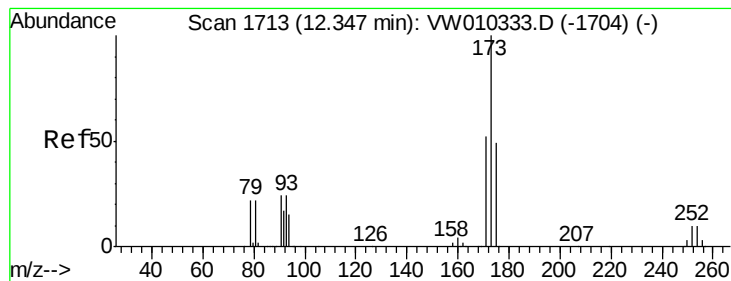
Tgt Ion:106 Resp: 1260419
Ion Ratio Lower Upper
106 100
91 216.3 110.5 331.4



#70
Styrene
Concen: 54.598 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion:104 Resp: 2229966
Ion Ratio Lower Upper
104 100
78 50.4 42.5 63.7
103 54.2 43.6 65.4





#71

Bromoform

Concen: 51.258 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

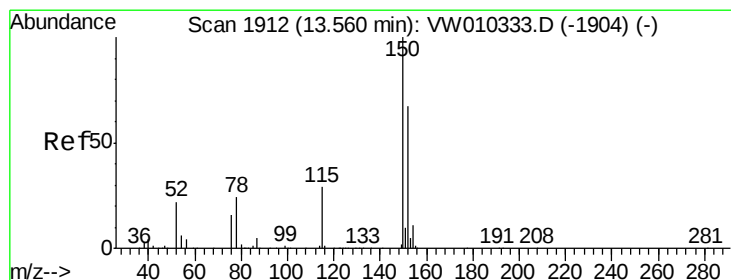
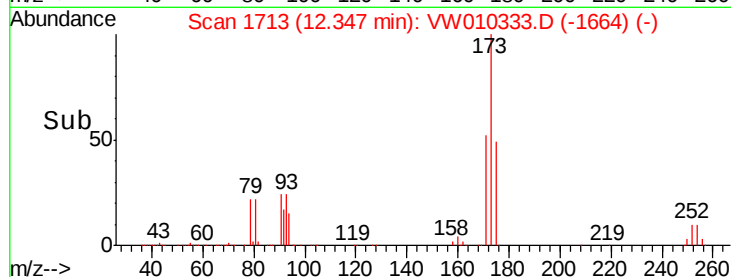
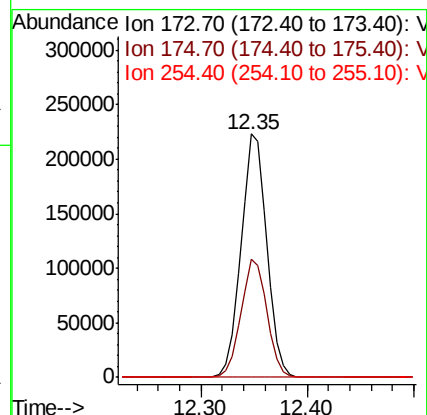
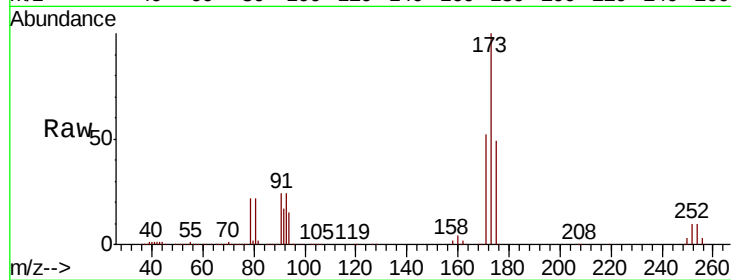
Tgt Ion:173 Resp: 378099

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

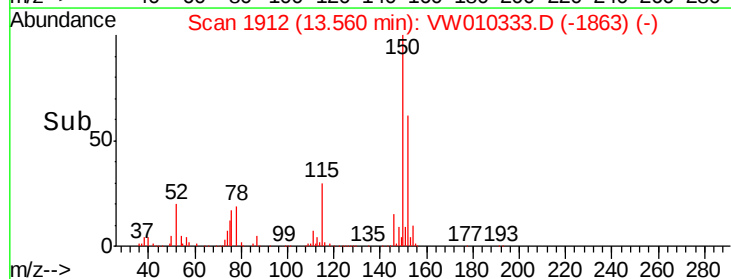
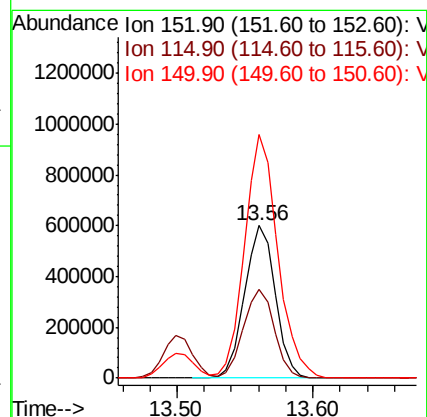
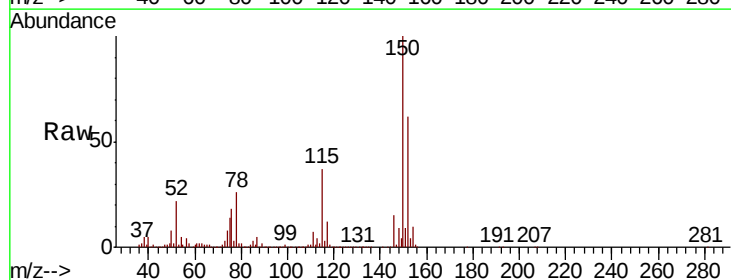
Tgt Ion:152 Resp: 944566

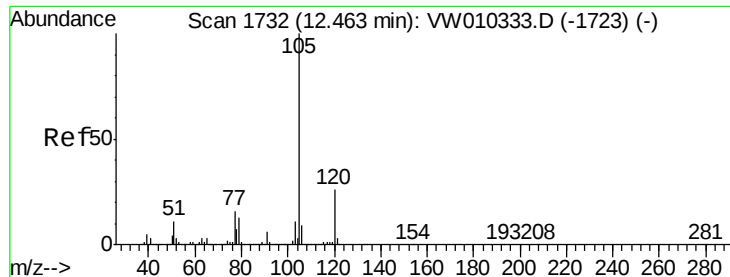
Ion Ratio Lower Upper

152 100

115 58.8 30.4 91.2

150 172.8 0.0 347.0





#73

Isopropylbenzene

Concen: 54.240 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

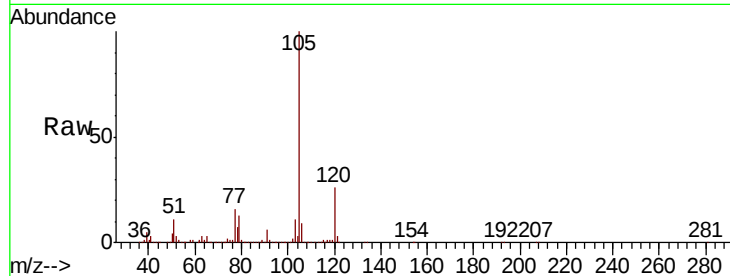
VSTDICCC050

Tgt Ion: 105 Resp: 3565751

Ion Ratio Lower Upper

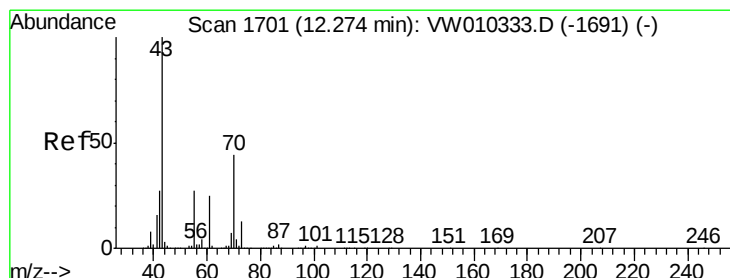
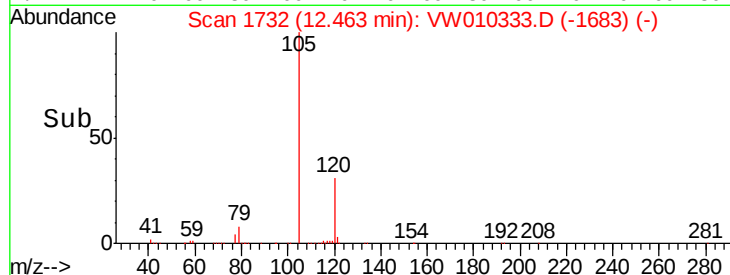
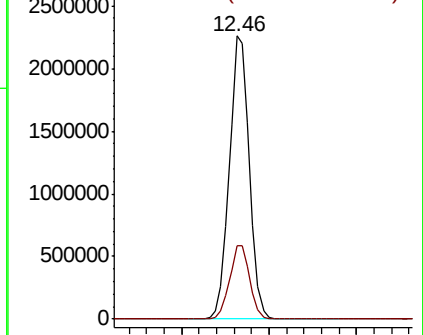
105 100

120 26.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.818 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Tgt Ion: 43 Resp: 925160

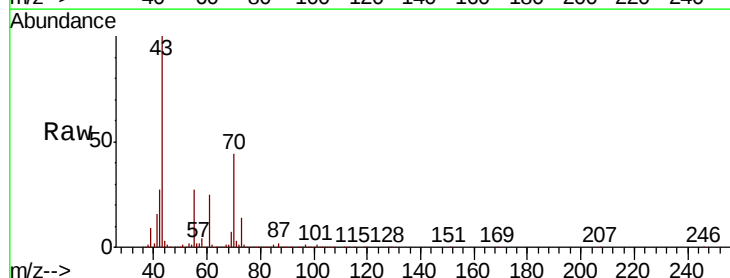
Ion Ratio Lower Upper

43 100

70 44.1 31.3 46.9

55 26.9 20.0 30.0

61 24.7 17.8 26.8

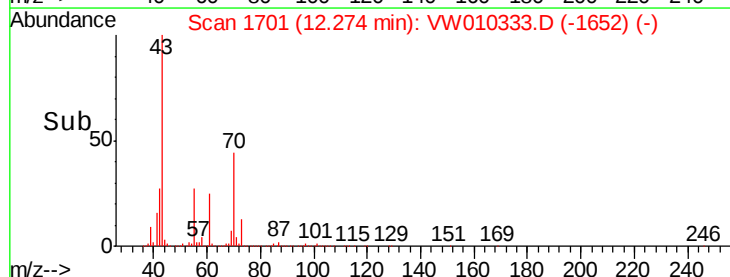
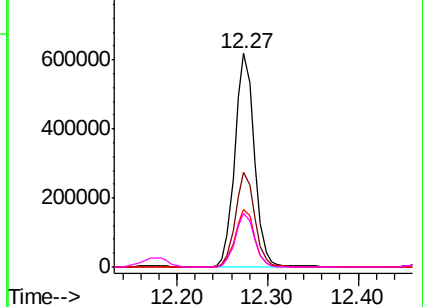


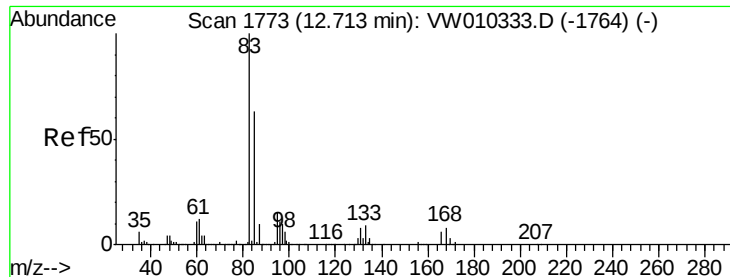
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 57.523 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

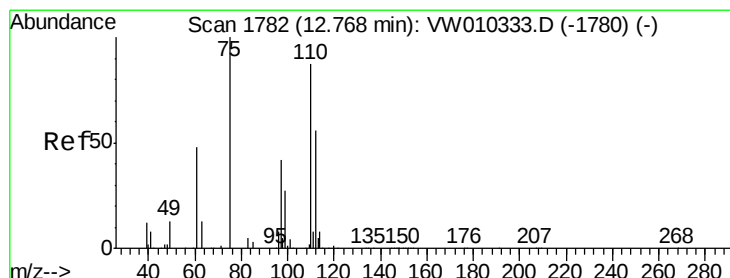
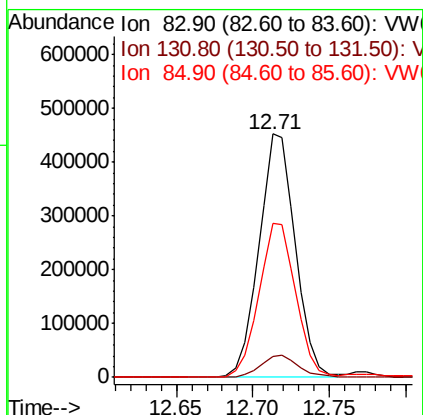
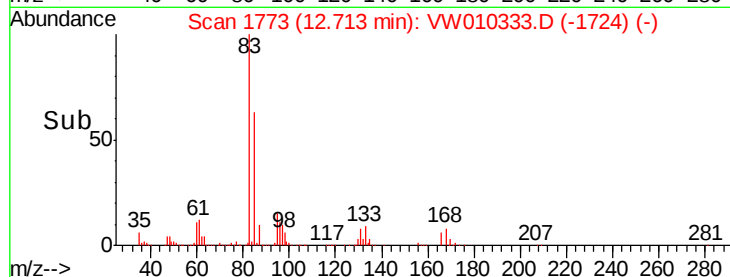
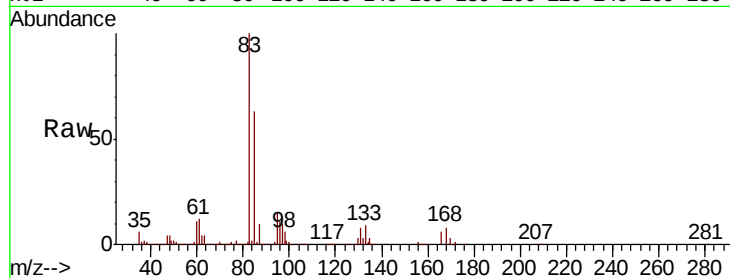
Tgt Ion: 83 Resp: 747110

Ion Ratio Lower Upper

83 100

131 9.6 5.3 15.8

85 64.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 103.827 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010333.D

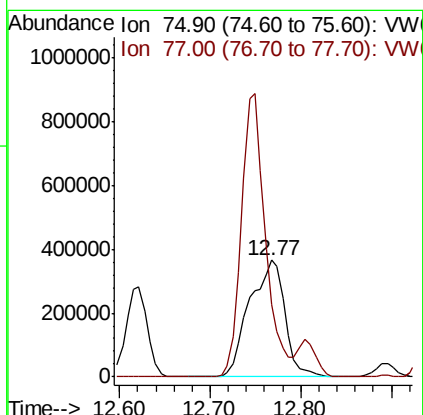
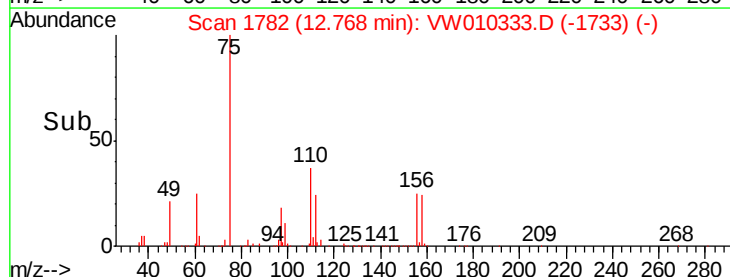
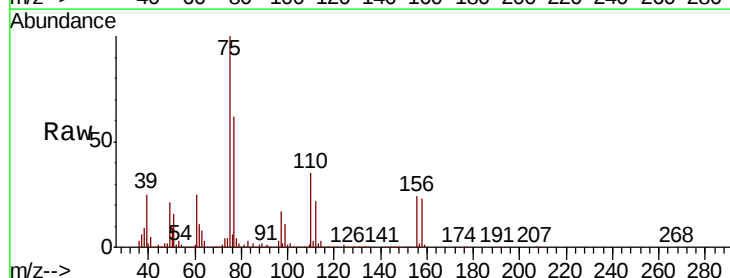
Acq: 09 May 2019 12:34

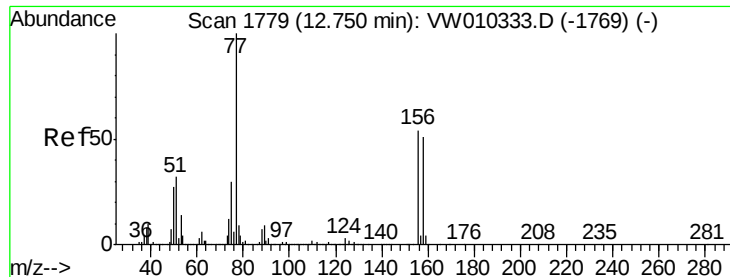
Tgt Ion: 75 Resp: 981548

Ion Ratio Lower Upper

75 100

77 165.7 0.0 0.0#

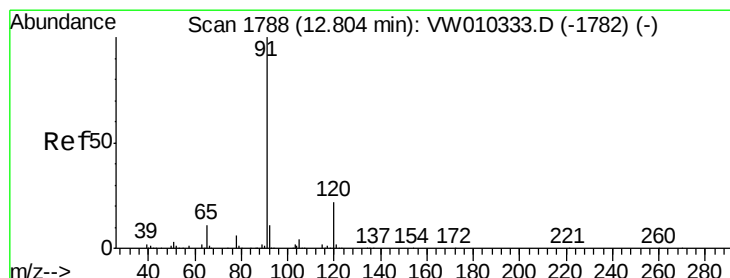
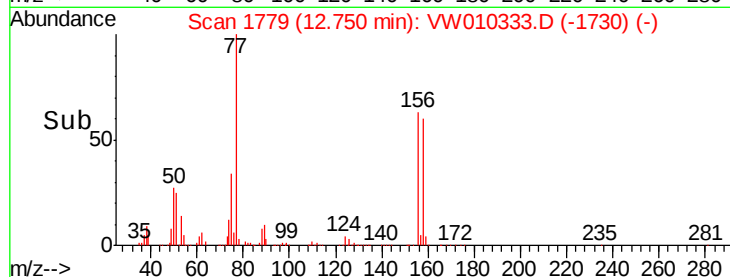
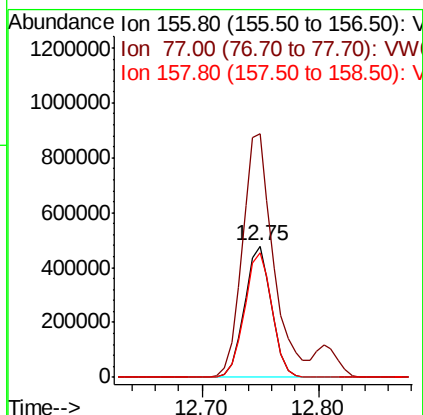
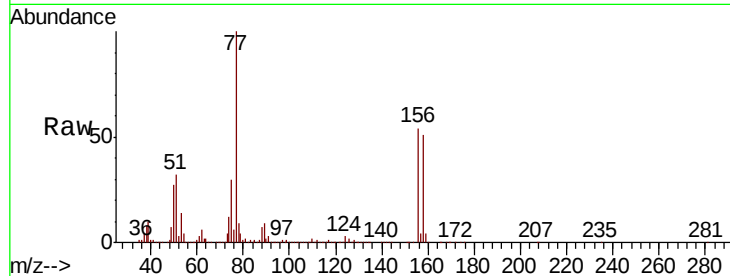




#77
Bromobenzene
Concen: 50.840 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

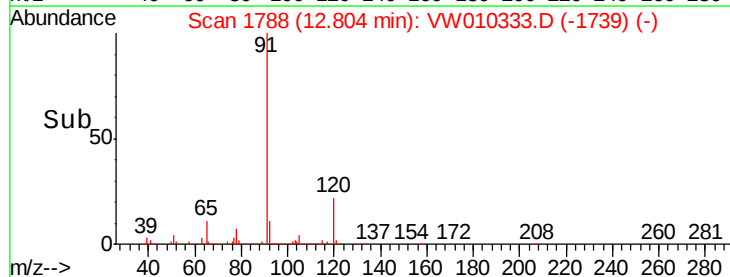
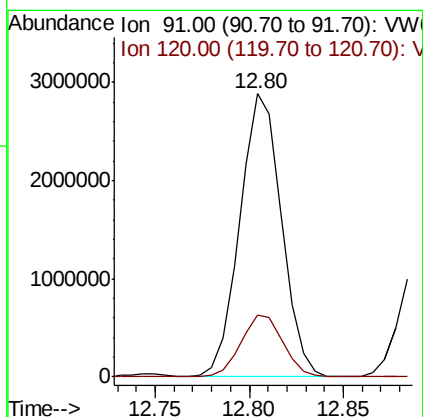
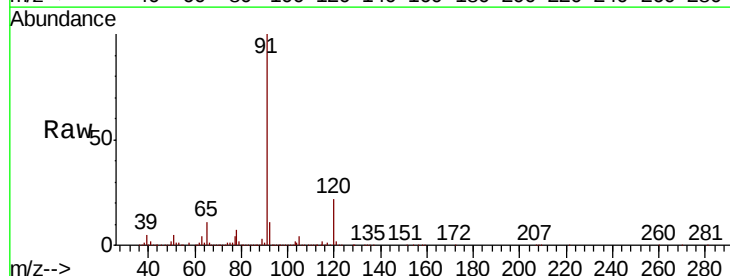
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

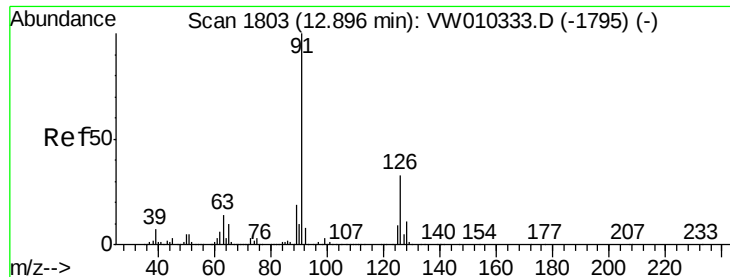
Tgt Ion: 156 Resp: 768668
Ion Ratio Lower Upper
156 100
77 211.6 102.5 307.4
158 96.6 48.8 146.4



#78
n-propylbenzene
Concen: 54.066 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 91 Resp: 4405116
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1





#79

2-Chlorotoluene

Concen: 51.762 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

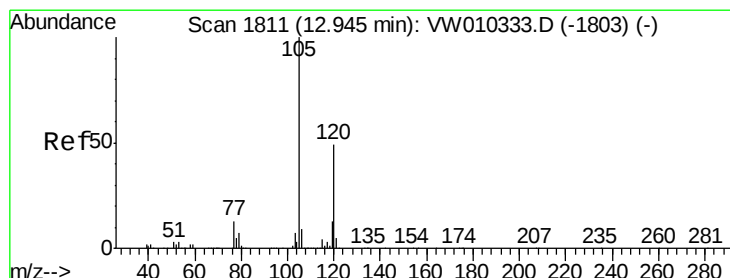
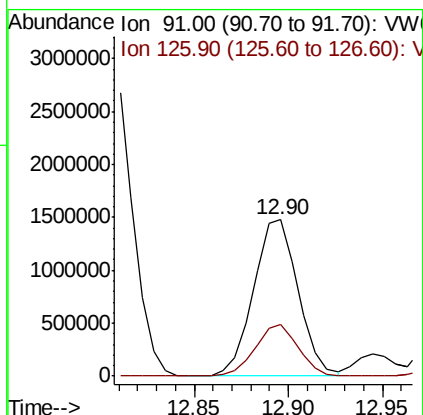
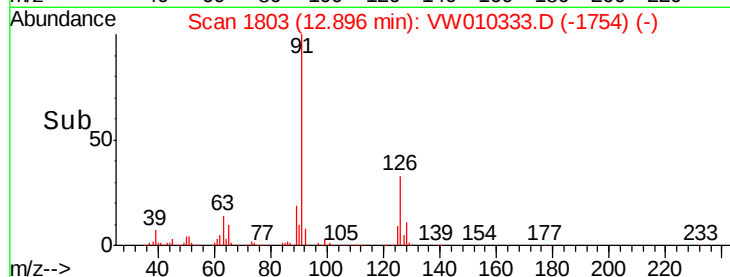
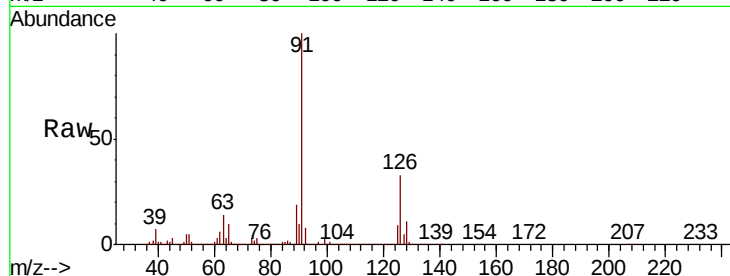
VSTDICCC050

Tgt Ion: 91 Resp: 2425526

Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 53.843 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010333.D

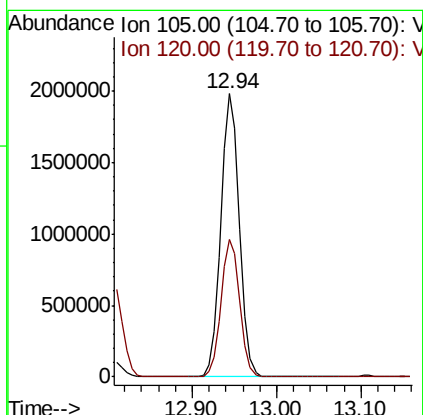
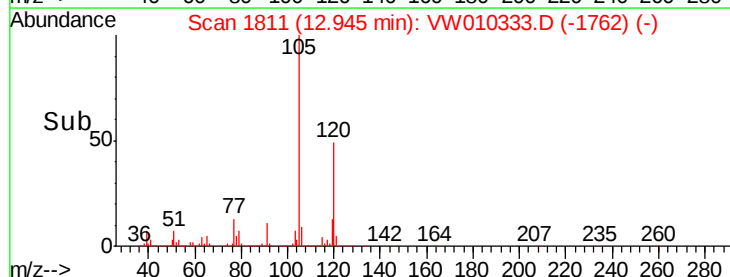
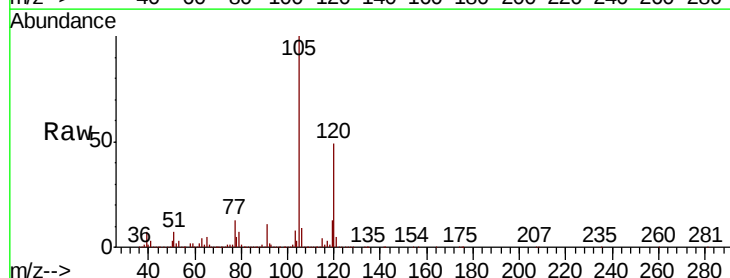
Acq: 09 May 2019 12:34

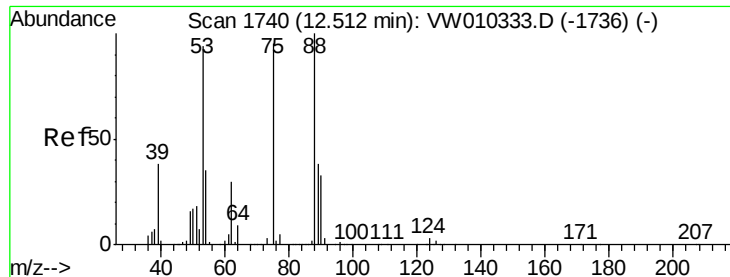
Tgt Ion: 105 Resp: 3001191

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8

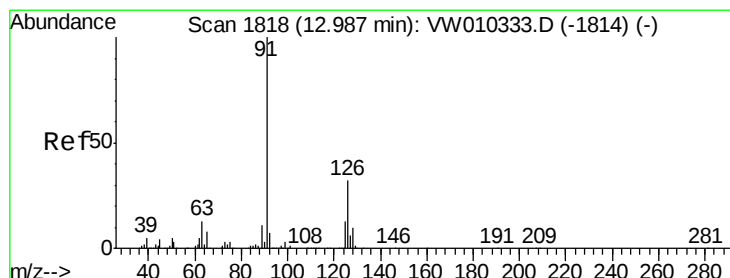
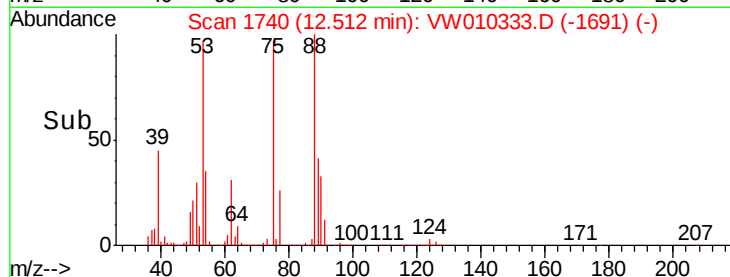
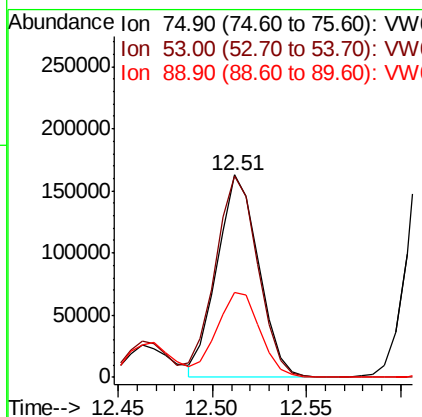
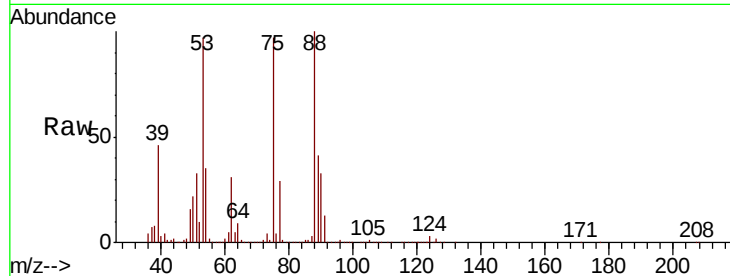




#81
trans-1,4-Dichloro-2-butene
Concen: 61.822 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

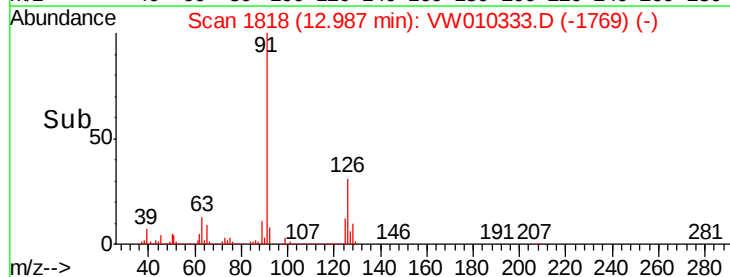
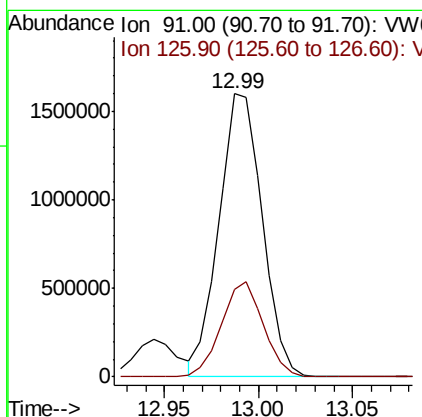
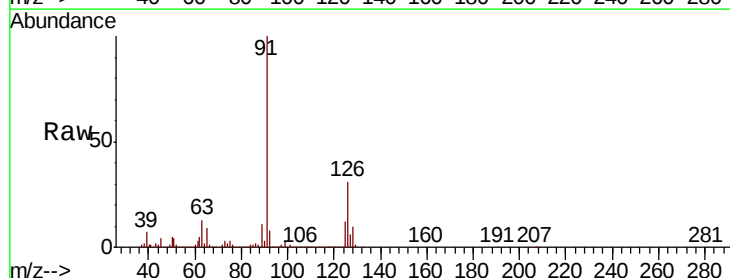
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

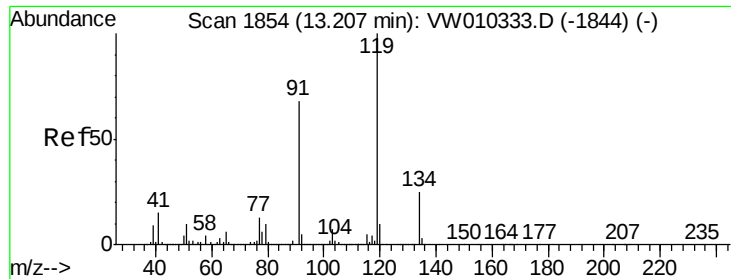
Tgt Ion: 75 Resp: 247862
Ion Ratio Lower Upper
75 100
53 103.4 89.8 134.8
89 44.1 36.6 54.8



#82
4-Chlorotoluene
Concen: 51.624 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 91 Resp: 2545970
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.1

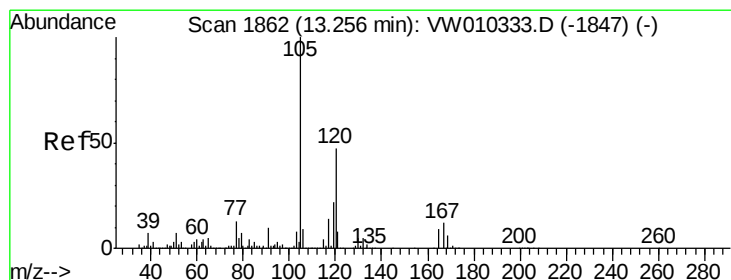
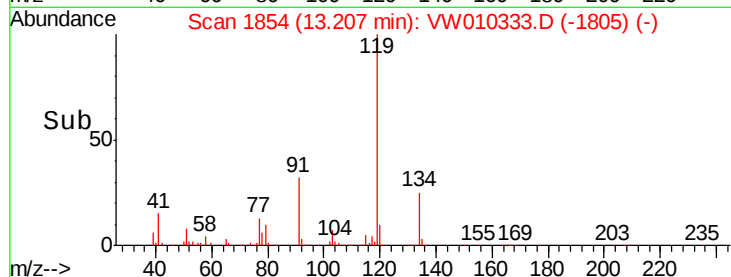
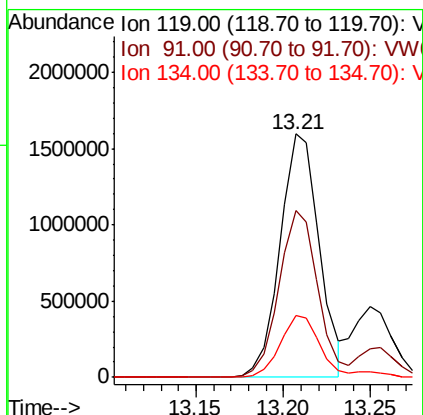
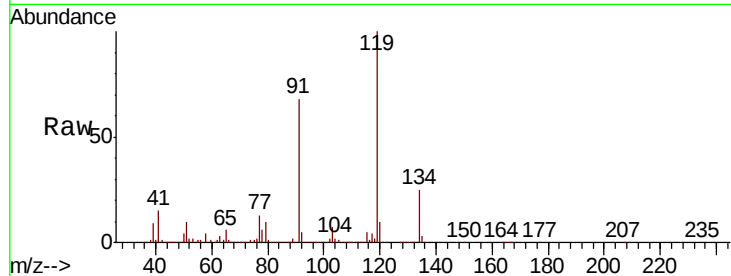




#83
 tert-Butylbenzene
 Concen: 54.098 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

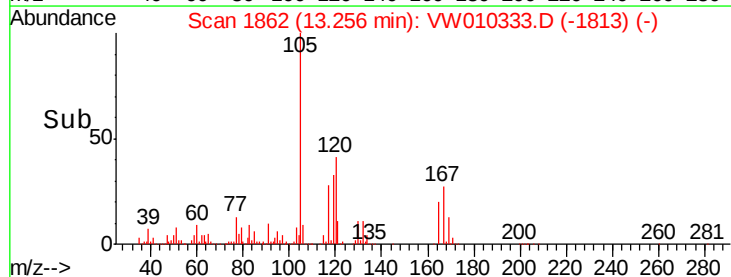
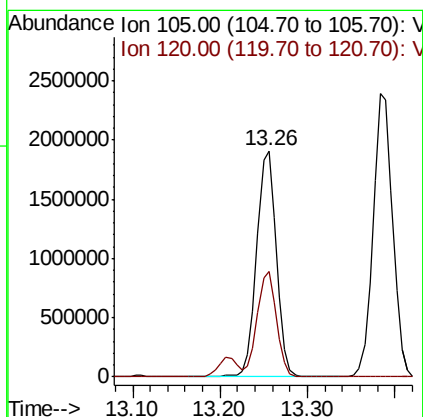
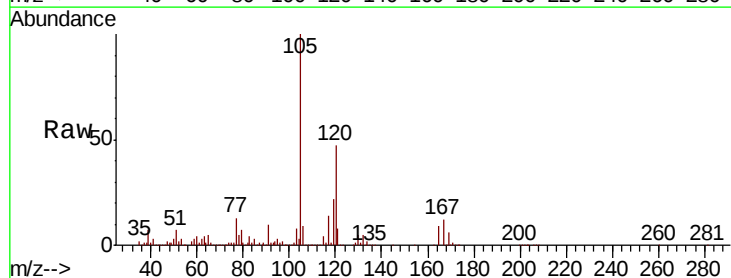
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

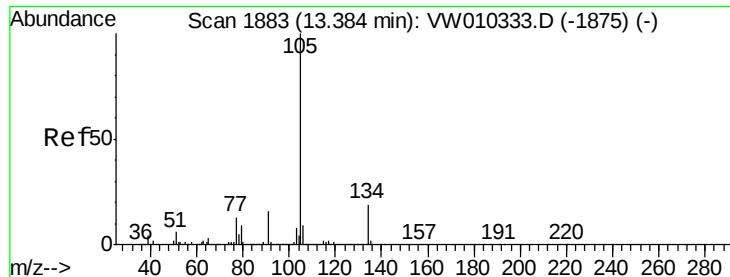
Tgt Ion:119 Resp: 2497109
 Ion Ratio Lower Upper
 119 100
 91 68.3 34.8 104.4
 134 27.4 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.588 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion:105 Resp: 2971899
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.7

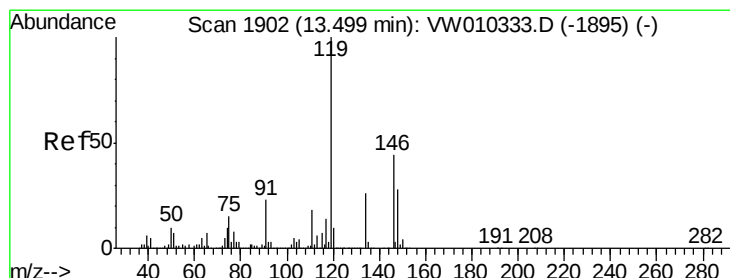
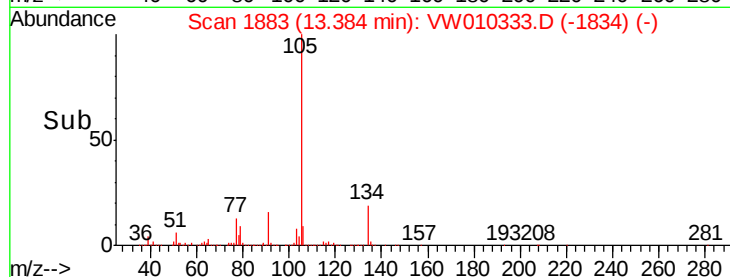
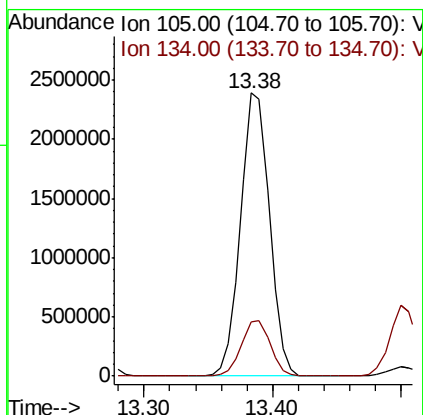
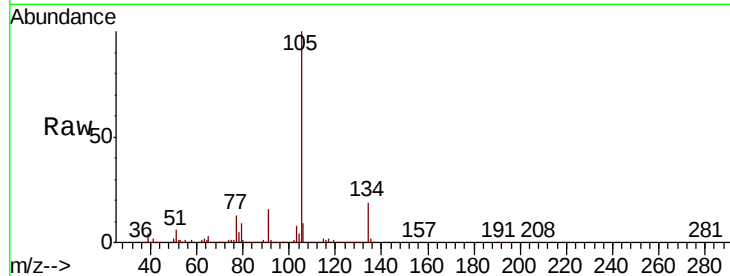




#85
 sec-Butylbenzene
 Concen: 53.733 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

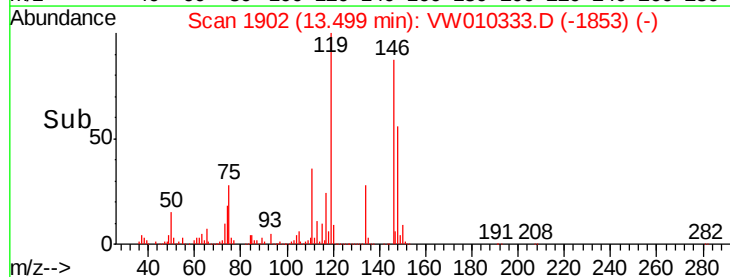
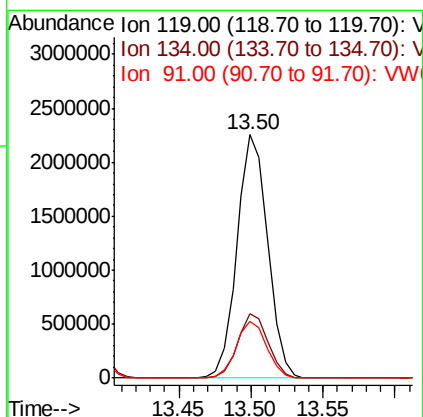
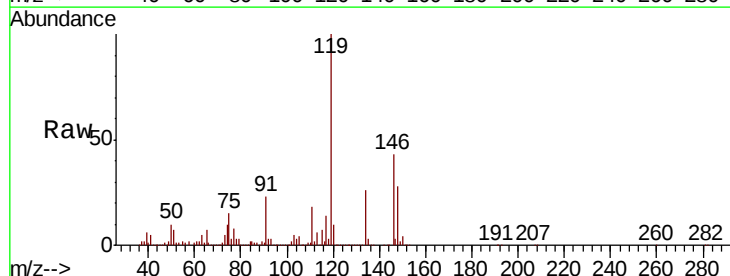
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

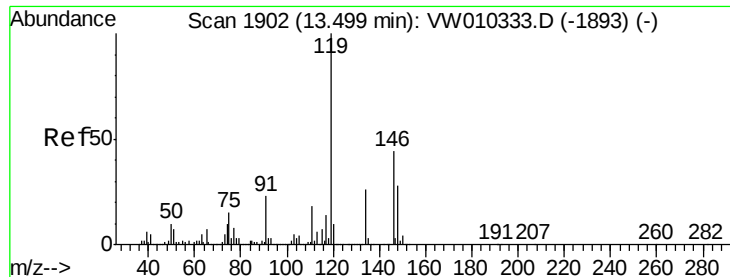
Tgt Ion:105 Resp: 3706499
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 54.798 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion:119 Resp: 3331616
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 23.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 50.442 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

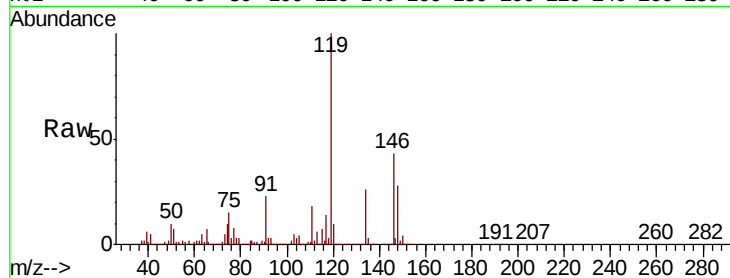
Tgt Ion:146 Resp: 1541651

Ion Ratio Lower Upper

146 100

111 40.8 20.3 61.0

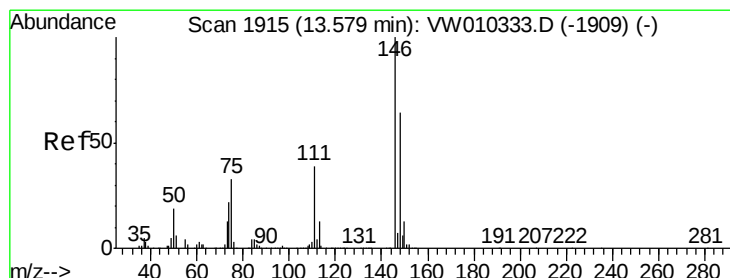
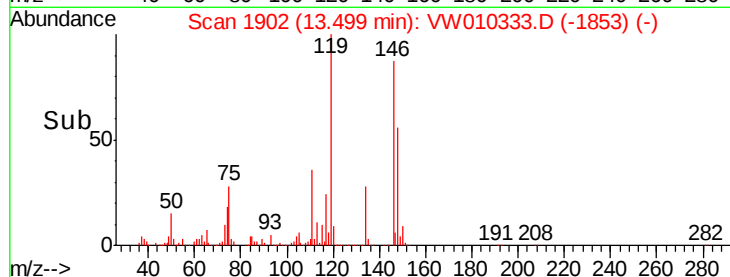
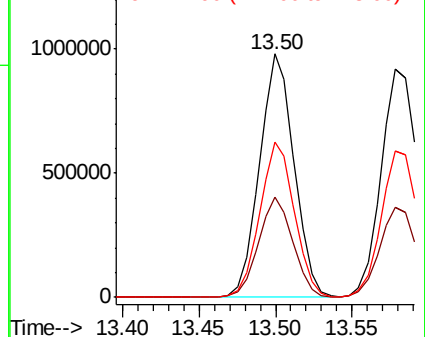
148 64.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.561 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

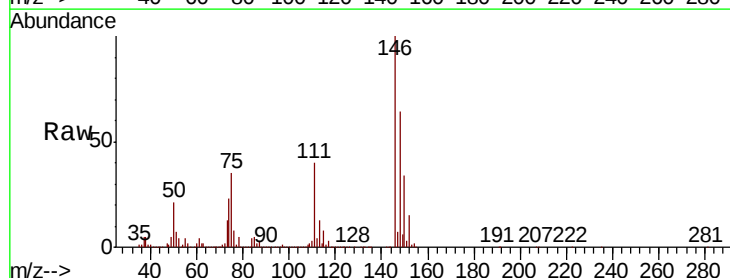
Tgt Ion:146 Resp: 1511937

Ion Ratio Lower Upper

146 100

111 39.6 20.1 60.3

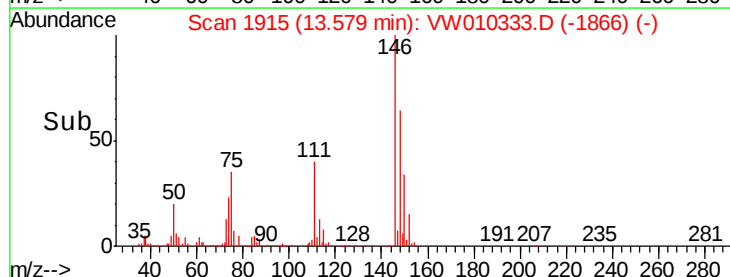
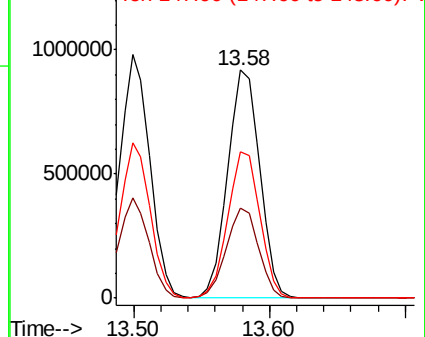
148 64.1 31.8 95.3

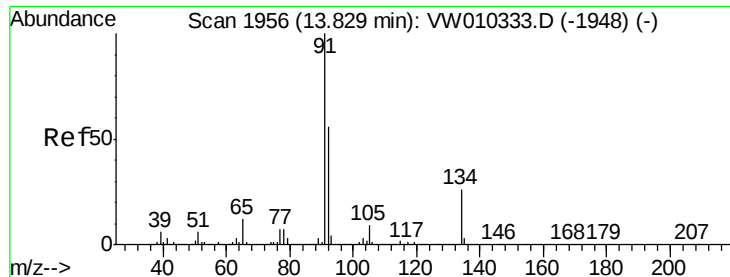


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 55.211 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

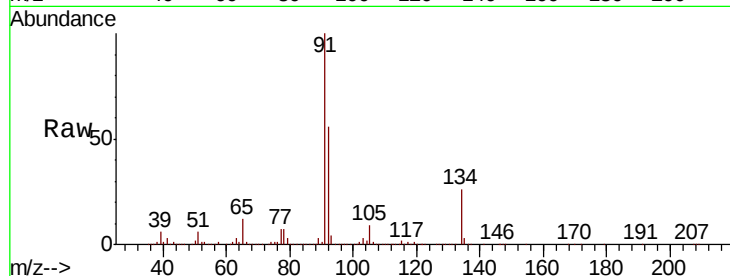
Tgt Ion: 91 Resp: 3325639

Ion Ratio Lower Upper

91 100

92 54.9 26.5 79.4

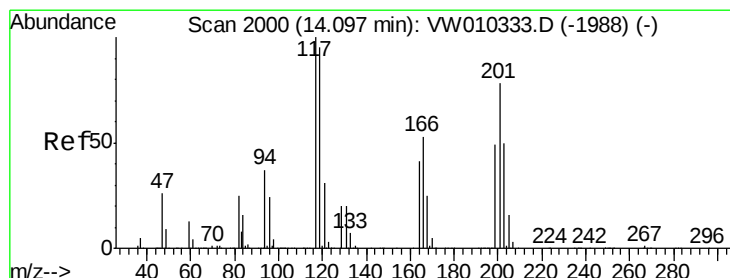
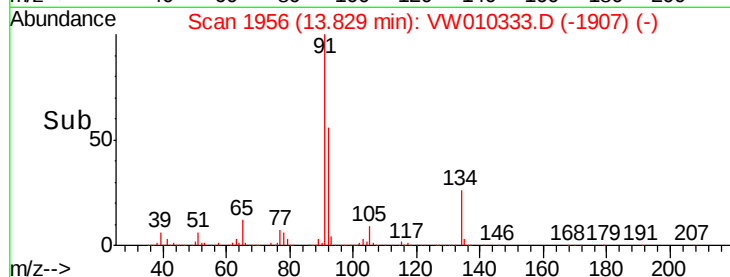
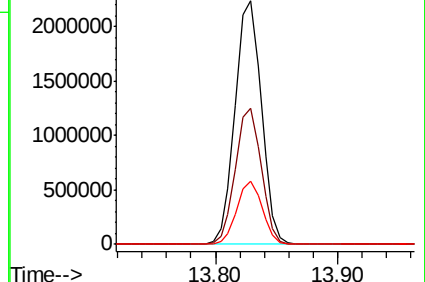
134 25.2 12.4 37.0



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: 50.441 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010333.D

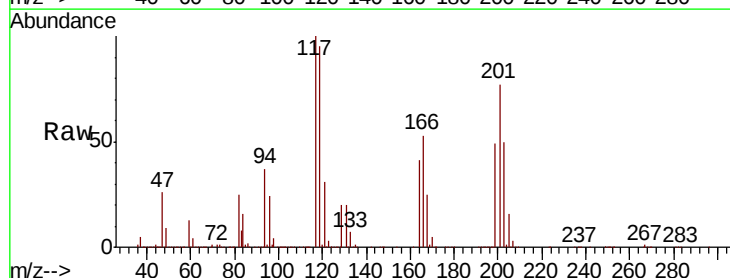
Acq: 09 May 2019 12:34

Tgt Ion: 117 Resp: 587375

Ion Ratio Lower Upper

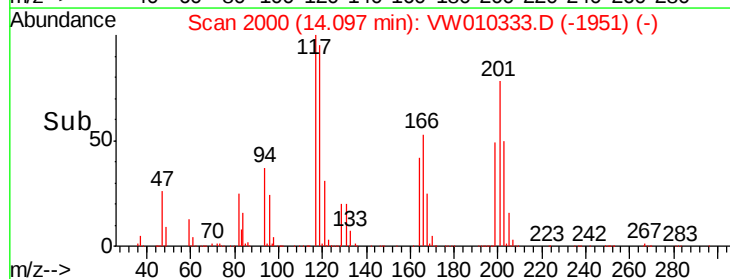
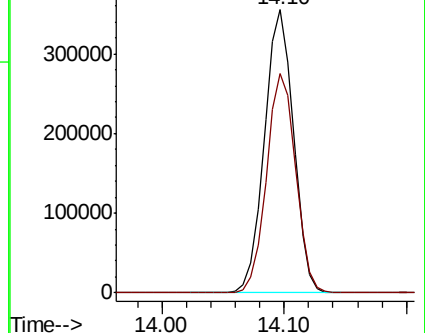
117 100

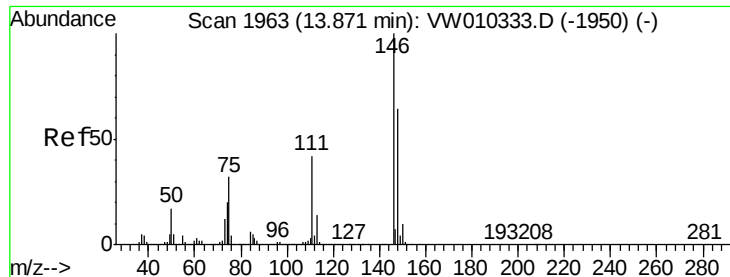
201 77.6 36.1 108.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

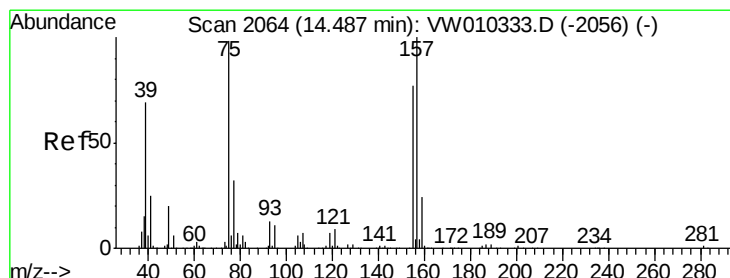
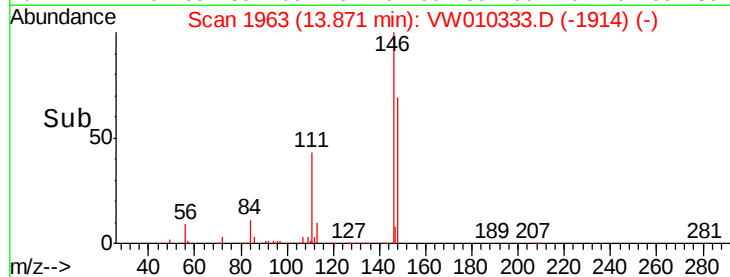
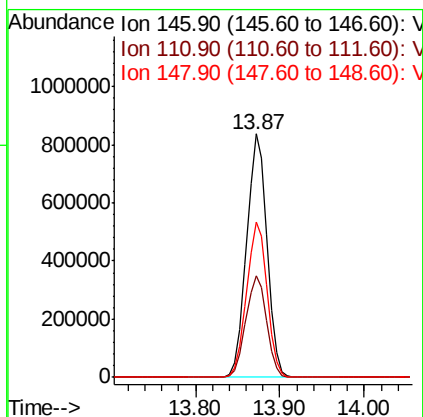
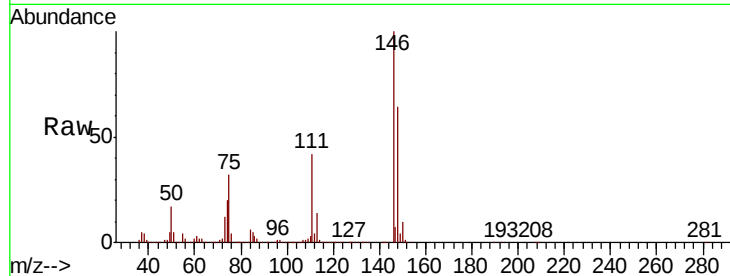




#91
 1,2-Dichlorobenzene
 Concen: 49.553 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

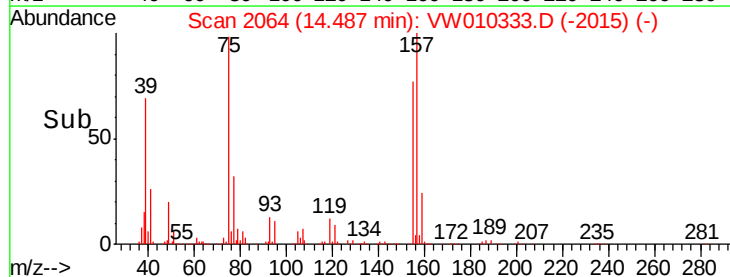
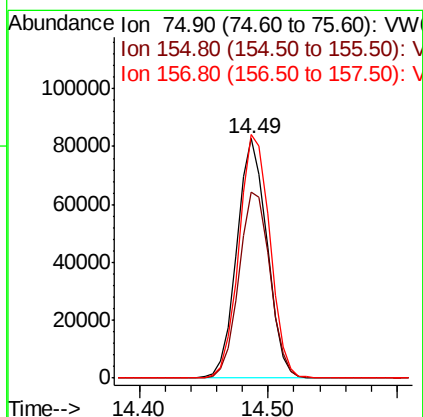
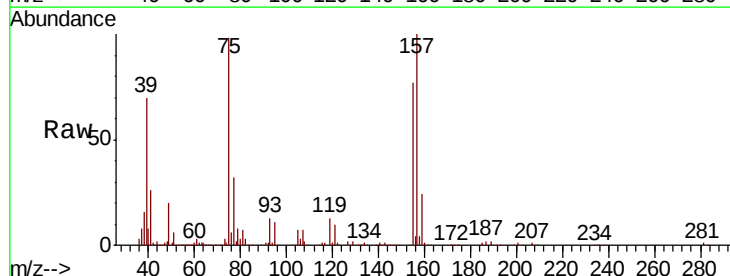
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

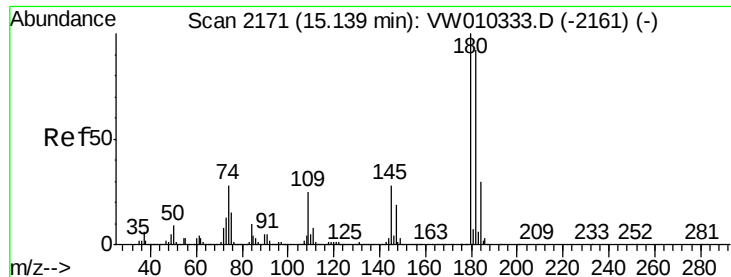
Tgt Ion:146 Resp: 1357934
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.9 62.8
 148 64.1 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.660 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion: 75 Resp: 134019
 Ion Ratio Lower Upper
 75 100
 155 79.8 37.1 111.5
 157 104.0 47.3 141.9

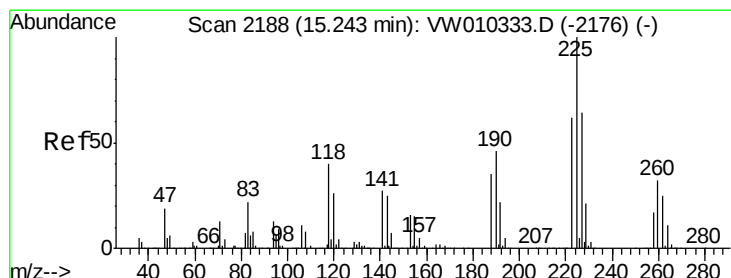
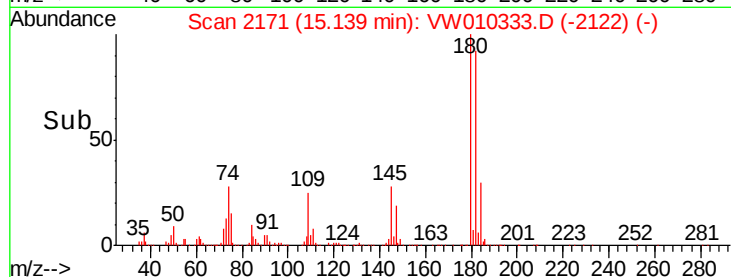
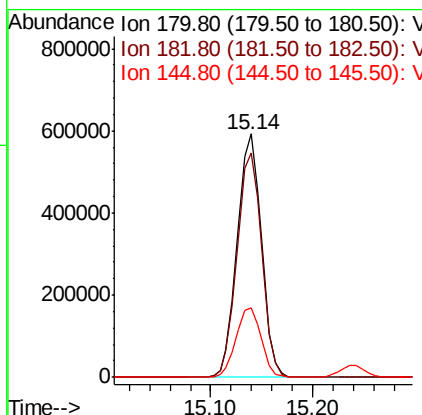
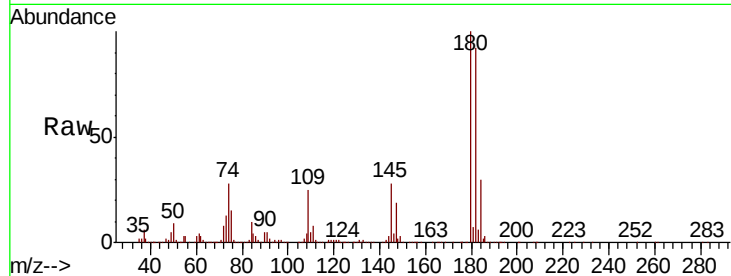




#93
 1,2,4-Trichlorobenzene
 Concen: 53.664 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

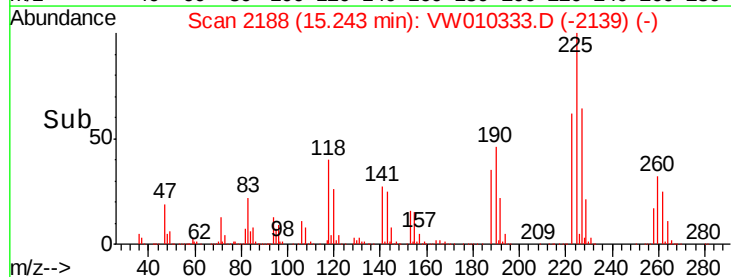
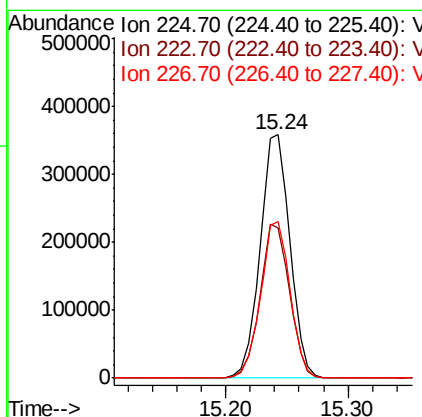
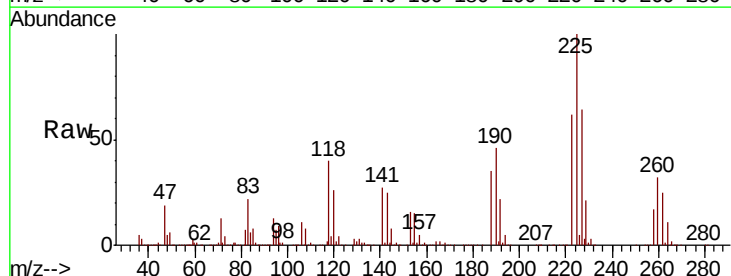
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

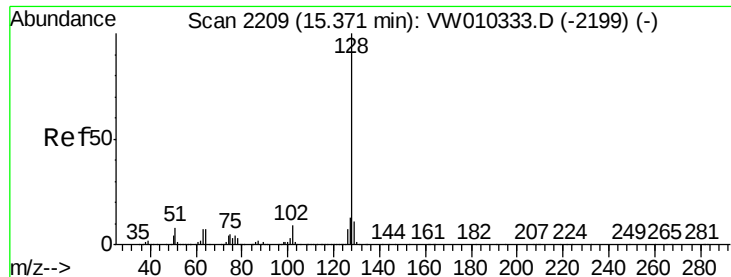
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.1	141.4
145	29.4	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 55.478 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.5
227	63.4	31.8	95.3

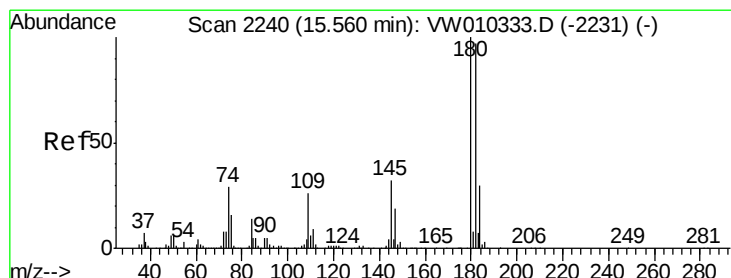
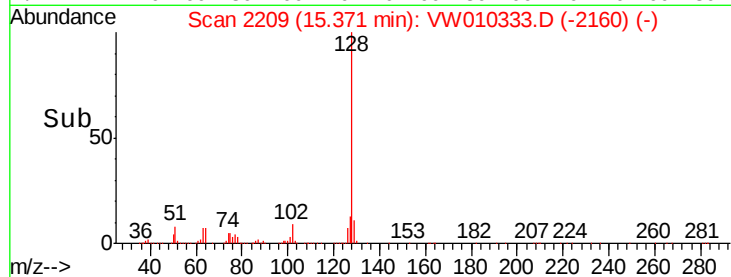
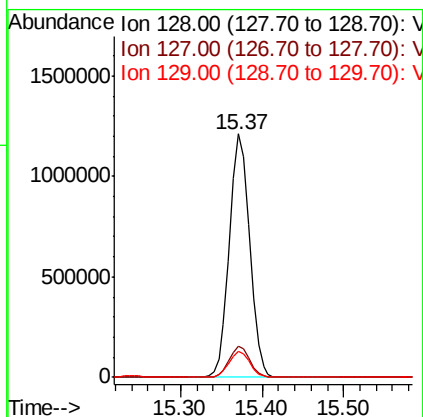
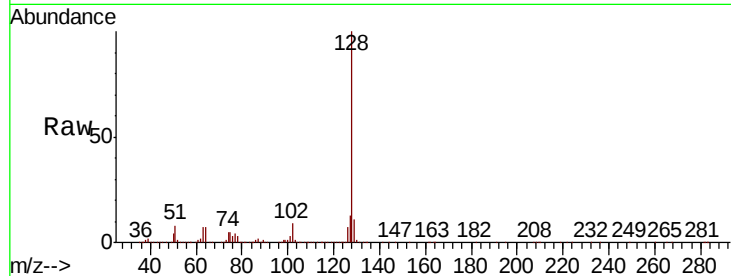




#95
Naphthalene
Concen: 63.828 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 2071717
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.214 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion:180 Resp: 866031
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 31.6 16.4 49.2

