

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015200.D
 Acq On : 15 Apr 2020 13:41
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 15 14:18:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	535983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	928311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	829805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	387454	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	509987	69.17	ug/l	0.00
Spiked Amount			Recovery	=	138.34%	
35) Dibromofluoromethane	7.88	113	501187	91.78	ug/l	0.00
Spiked Amount			Recovery	=	183.56%	
50) Toluene-d8	10.32	98	2094829	92.40	ug/l	0.00
Spiked Amount			Recovery	=	184.80%	
62) 4-Bromofluorobenzene	12.62	95	749149	99.14	ug/l	0.00
Spiked Amount			Recovery	=	198.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	365097	110.419	ug/l	98
3) Chloromethane	2.21	50	513516	76.856	ug/l	99
4) Vinyl Chloride	2.36	62	612925	70.868	ug/l	99
5) Bromomethane	2.78	94	309935	63.013	ug/l	94
6) Chloroethane	2.92	64	288979	59.282	ug/l	99
7) Trichlorofluoromethane	3.26	101	372275	84.957	ug/l	99
8) Diethyl Ether	3.68	74	294013	87.254	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	566405	83.352	ug/l	100
10) Methyl Iodide	4.27	142	836260	106.090	ug/l	99
11) Tert butyl alcohol	5.15	59	204931	468.053	ug/l	99
12) 1,1-Dichloroethene	4.04	96	592294	88.948	ug/l	97
13) Acrolein	3.89	56	207967	341.004	ug/l	99
14) Allyl chloride	4.67	41	863328	67.744	ug/l	99
15) Acrylonitrile	5.36	53	665416	397.899	ug/l	100
16) Acetone	4.12	43	497130	305.163	ug/l	99
17) Carbon Disulfide	4.38	76	1809895	78.207	ug/l	99
18) Methyl Acetate	4.67	43	313657	78.141	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	753097	89.310	ug/l	99
20) Methylene Chloride	4.91	84	570668	70.905	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	606344	86.102	ug/l	99
22) Diisopropyl ether	6.31	45	1736443	71.162	ug/l	97
23) Vinyl Acetate	6.25	43	5372047	375.396	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1031327	71.428	ug/l	99
25) 2-Butanone	7.17	43	838976	371.120	ug/l	99
26) 2,2-Dichloropropane	7.17	77	643578	76.471	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	651225	88.659	ug/l	100
28) Bromochloromethane	7.51	49	432817	64.560	ug/l	99
29) Tetrahydrofuran	7.52	42	559204	394.319	ug/l	99
30) Chloroform	7.67	83	998961	76.969	ug/l	98
31) Cyclohexane	7.95	56	1039452	69.851	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	832603	81.606	ug/l	99
36) 1,1-Dichloropropene	8.08	75	850717	82.456	ug/l	99
37) Ethyl Acetate	7.24	43	390027	77.965	ug/l	98
38) Carbon Tetrachloride	8.07	117	777699	90.334	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1146159	95.013	ug/l	97
40) Benzene	8.32	78	2409608	83.456	ug/l	99
41) Methacrylonitrile	7.48	41	235445	87.866	ug/l	96
42) 1,2-Dichloroethane	8.40	62	625823	72.910	ug/l	100
43) Isopropyl Acetate	8.42	43	773992	85.358	ug/l	98
44) Trichloroethene	9.09	130	633839	99.592	ug/l	98
45) 1,2-Dichloropropane	9.37	63	595483	77.558	ug/l	98
46) Dibromomethane	9.46	93	310069	90.926	ug/l	99
47) Bromodichloromethane	9.64	83	783905	86.396	ug/l	99
48) Methyl methacrylate	9.43	41	363764	86.751	ug/l	99
49) 1,4-Dioxane	9.44	88	107149	2098.088	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1977604	398.337	ug/l	100
52) Toluene	10.38	92	1559925	92.945	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	838207	93.856	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	978953	90.112	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	440053	93.923	ug/l	97
56) Ethyl methacrylate	10.64	69	644298	106.810	ug/l	97
57) 1,3-Dichloropropane	10.93	76	780255	88.835	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	1556201	451.854	ug/l	100
59) 2-Hexanone	10.96	43	1346487	437.197	ug/l	99
60) Dibromochloromethane	11.13	129	523785	105.725	ug/l	99
61) 1,2-Dibromoethane	11.23	107	433052	102.985	ug/l	99
64) Tetrachloroethene	10.86	164	480033	99.787	ug/l	99
65) Chlorobenzene	11.66	112	1589593	96.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	555396	100.395	ug/l	99
67) Ethyl Benzene	11.73	91	3004604	94.546	ug/l	99
68) m/p-Xylenes	11.84	106	2259280	198.767	ug/l	98
69) o-Xylene	12.16	106	1074111	104.228	ug/l	99
70) Styrene	12.18	104	1832043	104.254	ug/l	99
71) Bromoform	12.35	173	294782	118.084	ug/l #	98
73) Isopropylbenzene	12.46	105	2924942	99.748	ug/l	99
74) N-amyl acetate	12.27	43	776725	93.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	535100	91.970	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	328409m	76.945	ug/l	
77) Bromobenzene	12.74	156	600024	101.801	ug/l	95
78) n-propylbenzene	12.80	91	3530384	93.630	ug/l	100
79) 2-Chlorotoluene	12.89	91	1958483	92.278	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	2472524	98.391	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	198956	104.521	ug/l	99
82) 4-Chlorotoluene	12.99	91	2066750	91.417	ug/l	98
83) tert-Butylbenzene	13.21	119	2117527	102.865	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	2432796	96.834	ug/l	100
85) sec-Butylbenzene	13.38	105	3046233	98.688	ug/l	99
86) p-Isopropyltoluene	13.49	119	2665759	100.098	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1189503	96.220	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1176205	96.376	ug/l	100
89) n-Butylbenzene	13.82	91	2723734	96.207	ug/l	100
90) Hexachloroethane	14.09	117	529137	98.367	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	1083492	99.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	86352	92.188	ug/l	99

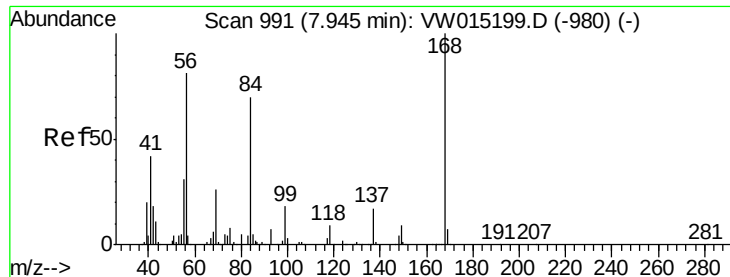
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	709655	111.906	ug/l	100
94) Hexachlorobutadiene	15.23	225	391563	98.786	ug/l	99
95) Naphthalene	15.36	128	1487243	125.363	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	611383	108.858	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

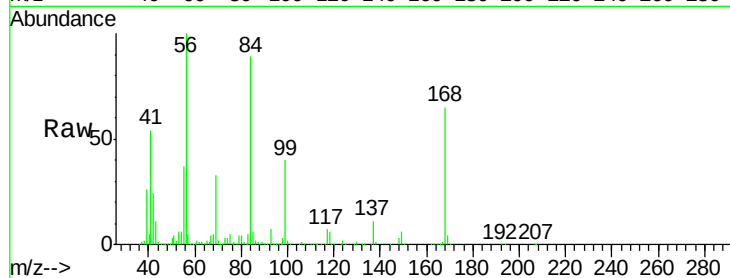
VSTDIC100

Tot Ion:168 Resp: 535983

Ion Ratio Lower Upper

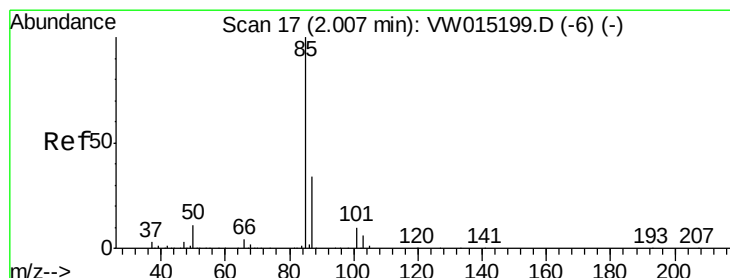
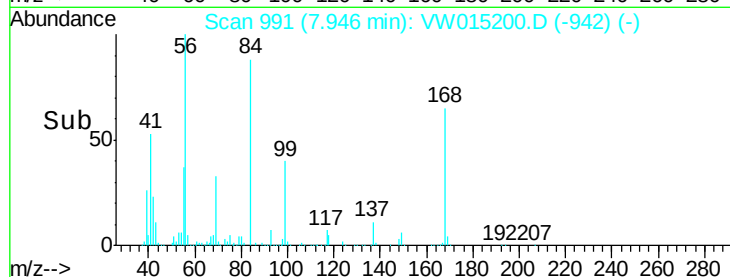
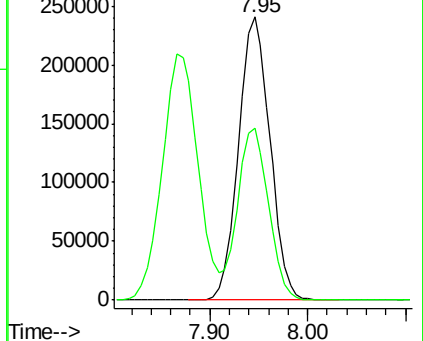
168 100

99 60.8 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 110.419 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW015200.D

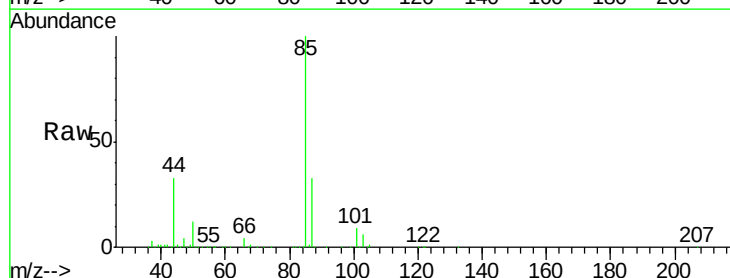
Acq: 15 Apr 2020 13:41

Tgt Ion: 85 Resp: 365097

Ion Ratio Lower Upper

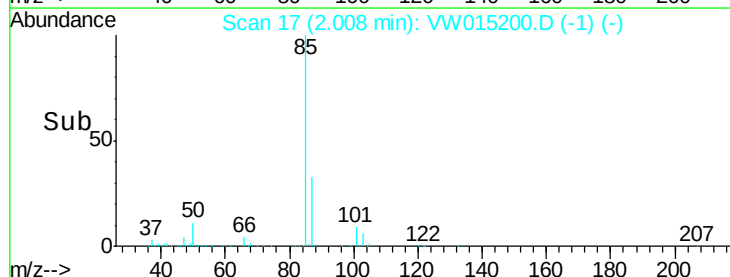
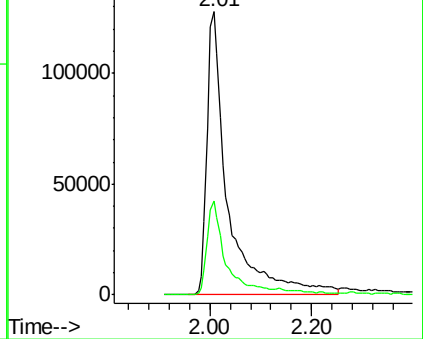
85 100

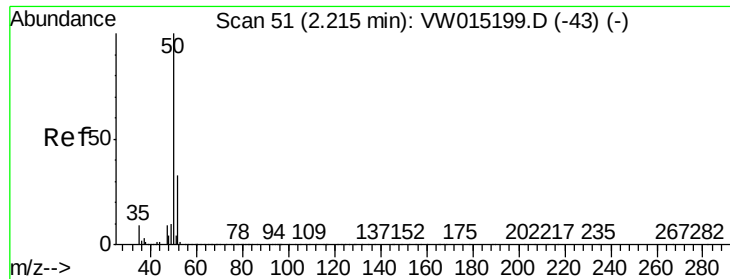
87 33.2 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

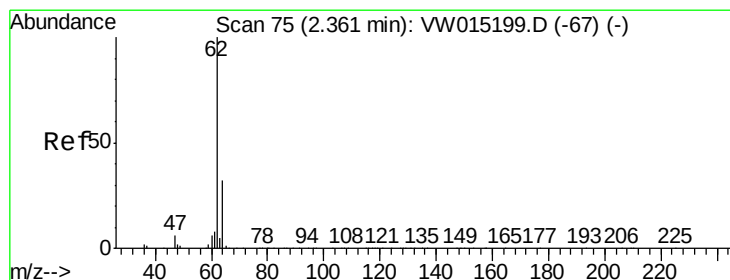
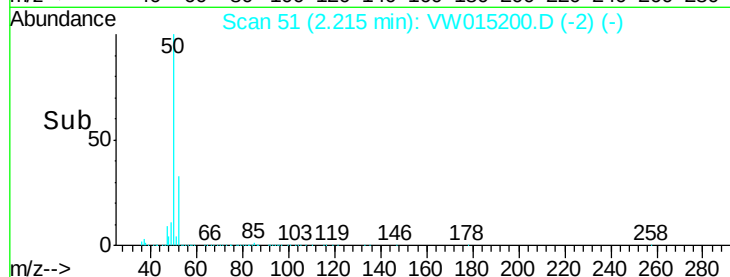
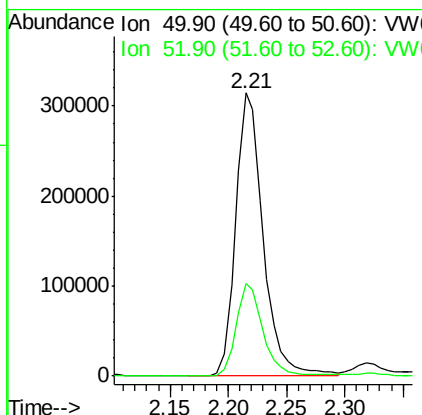
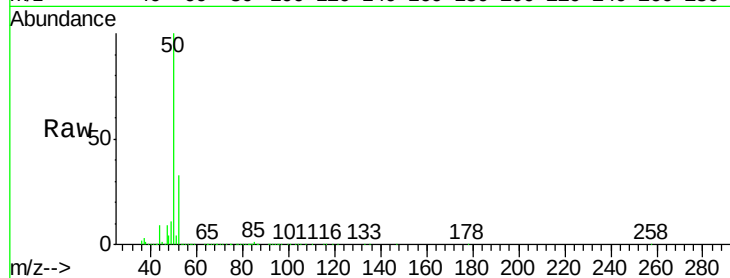




#3
Chloromethane
Concen: 76.856 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

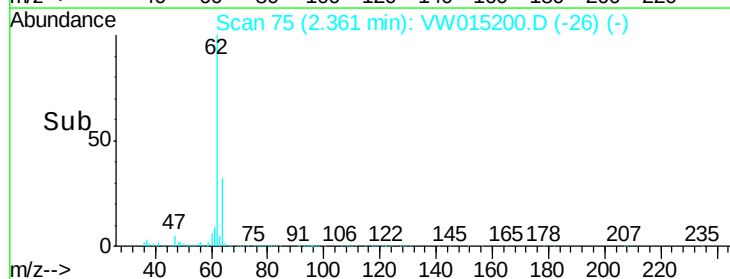
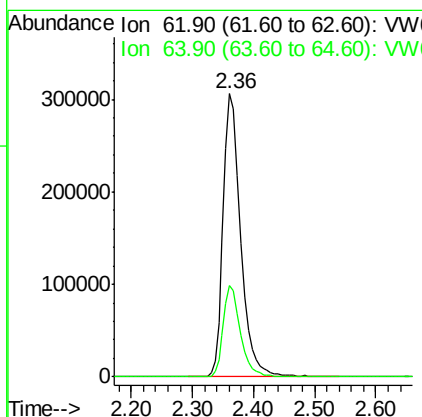
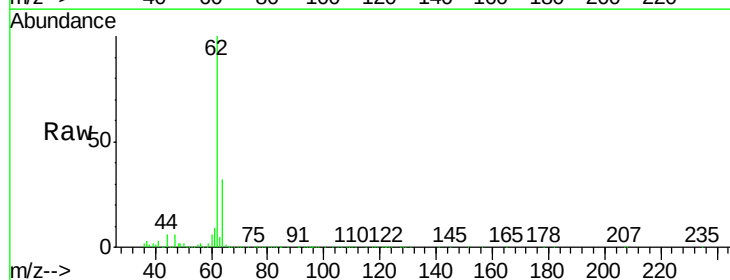
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

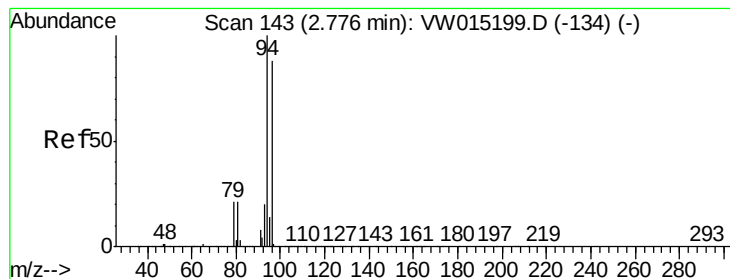
Tot Ion: 50 Resp: 513516
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 70.868 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion: 62 Resp: 612925
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2





#5

Bromomethane

Concen: 63.013 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

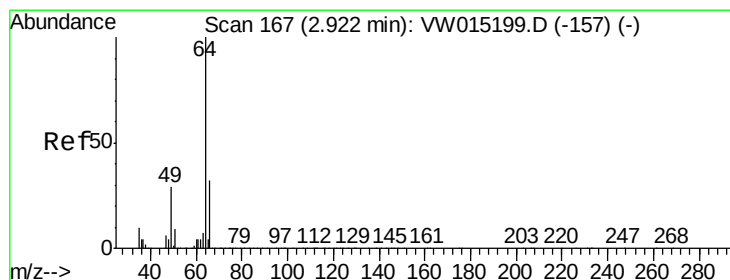
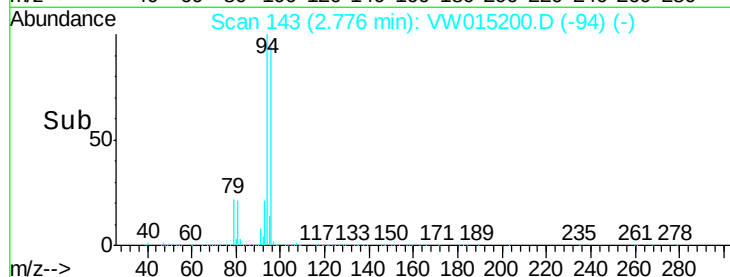
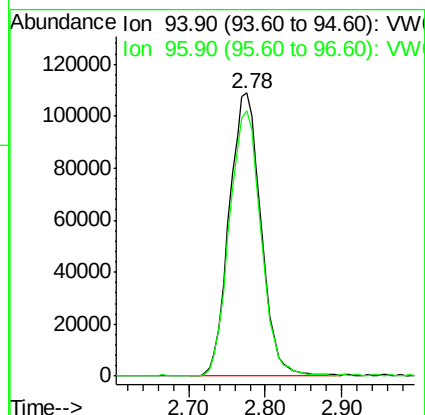
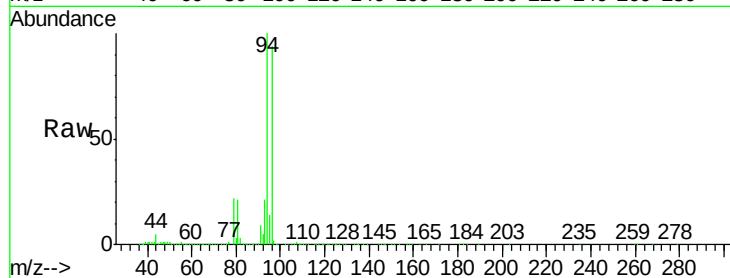
VSTDICC100

Tot Ion: 94 Resp: 309935

Ion Ratio Lower Upper

94 100

96 93.6 70.4 105.6



#6

Chloroethane

Concen: 59.282 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015200.D

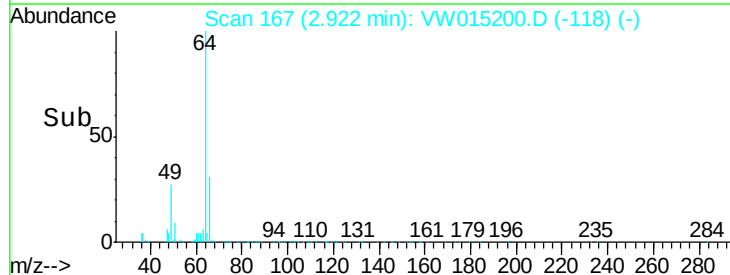
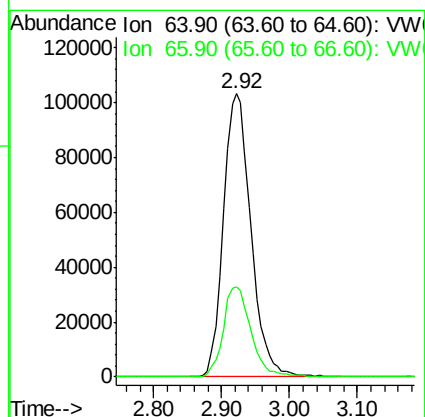
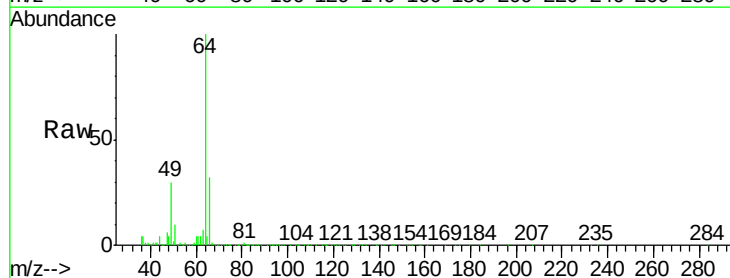
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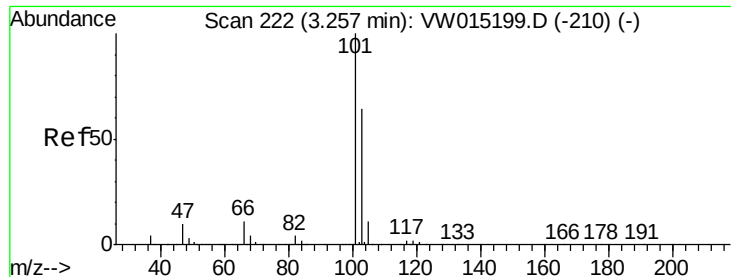
Tgt Ion: 64 Resp: 288979

Ion Ratio Lower Upper

64 100

66 31.6 25.8 38.6



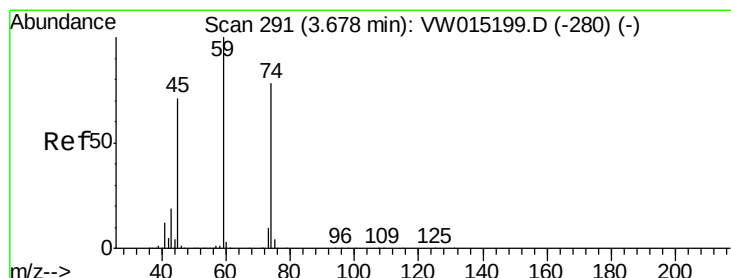
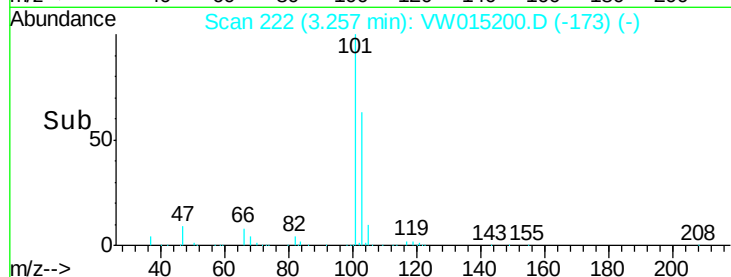
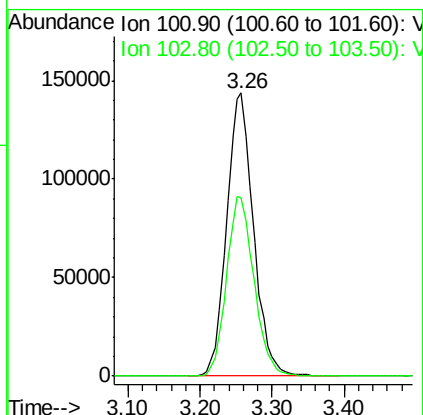
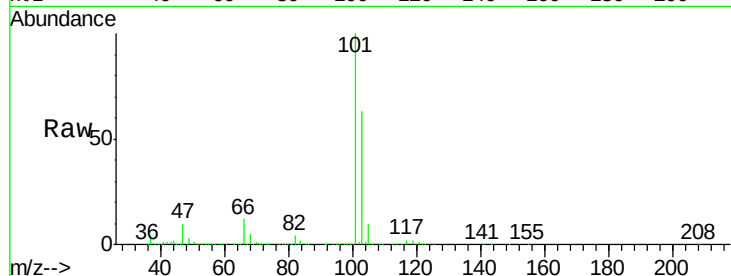


#7

Trichlorofluoromethane
 Concen: 84.957 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

Instrument :
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 ClientSampleId :
 VSTDIC100

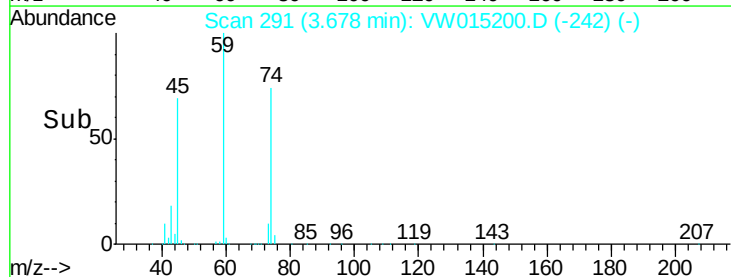
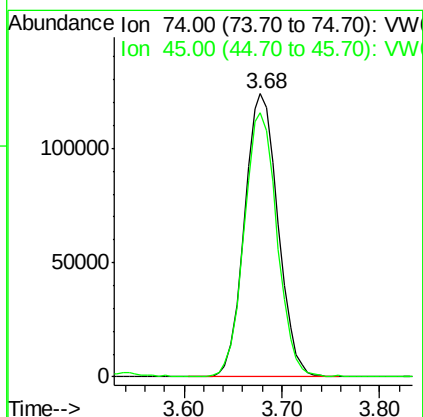
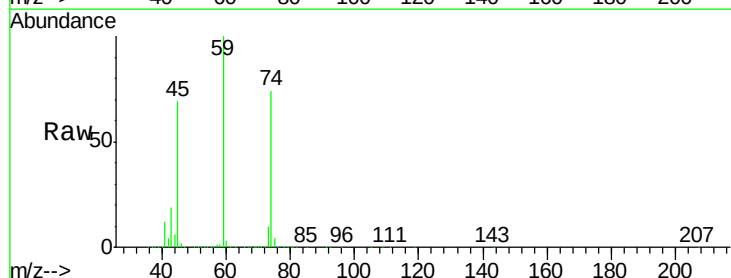
Tot Ion:101 Resp: 372275
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.3 76.9

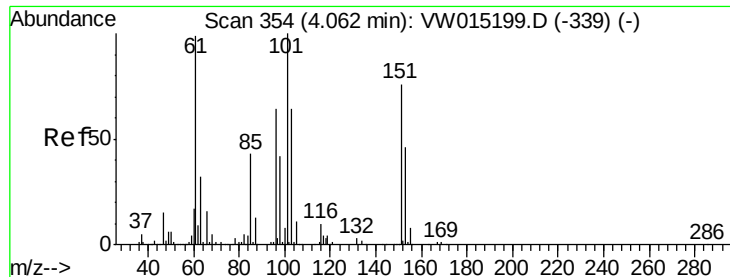


#8

Diethyl Ether
 Concen: 87.254 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

Tgt Ion: 74 Resp: 294013
 Ion Ratio Lower Upper
 74 100
 45 91.4 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 83.352 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

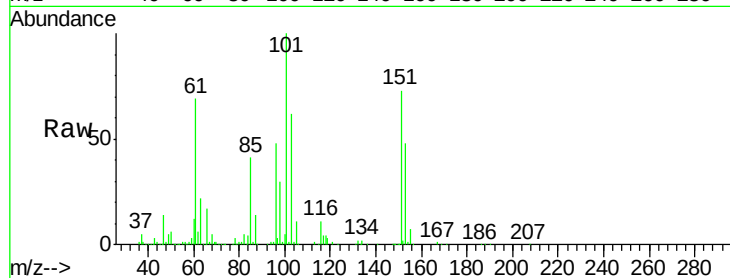
Tot Ion:101 Resp: 566405

Ion Ratio Lower Upper

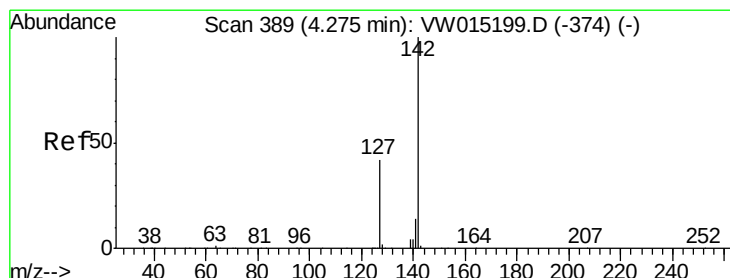
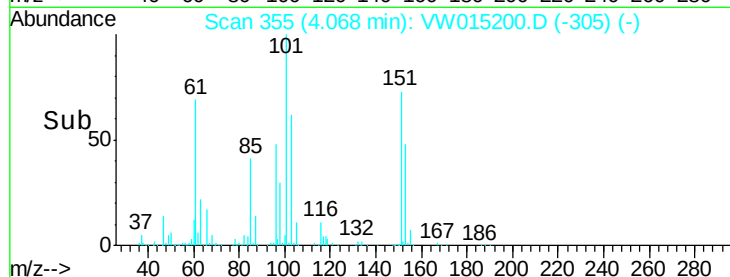
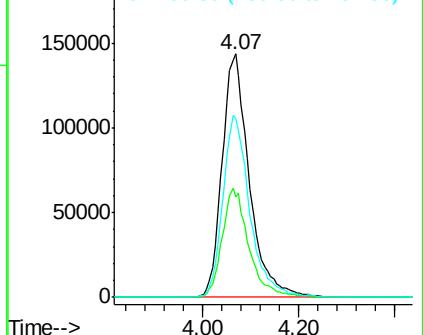
101 100

85 43.8 35.3 52.9

151 73.8 59.3 88.9



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: 106.090 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

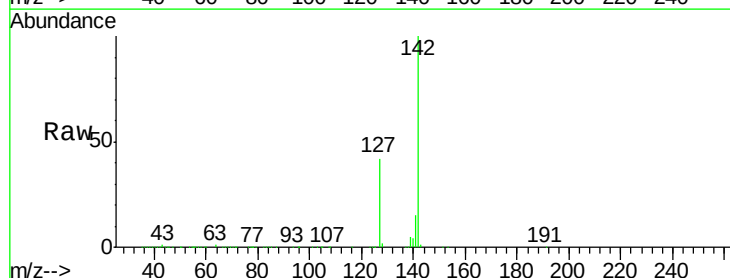
Tgt Ion:142 Resp: 836260

Ion Ratio Lower Upper

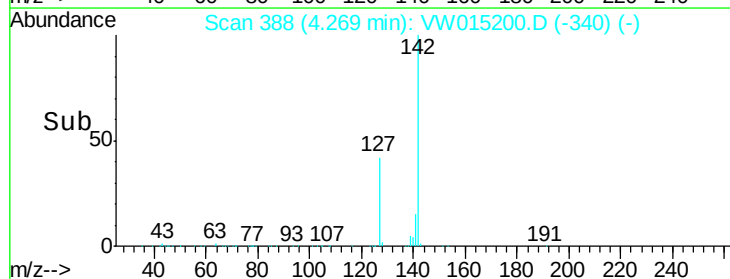
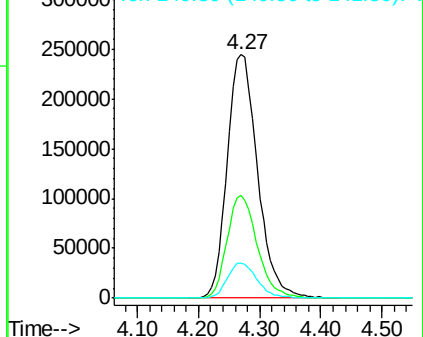
142 100

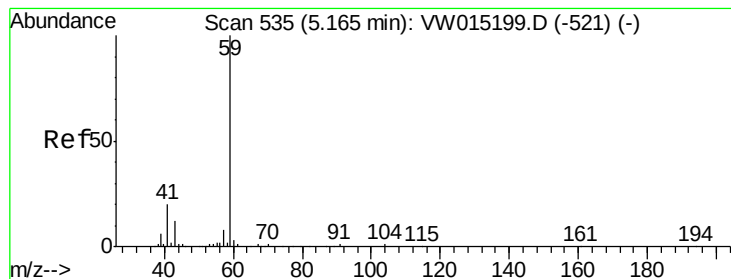
127 41.9 33.9 50.9

141 14.3 11.4 17.2



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



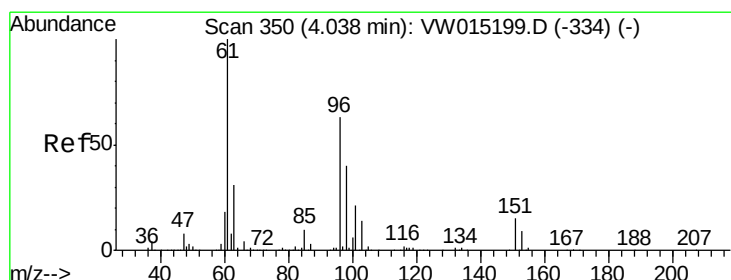
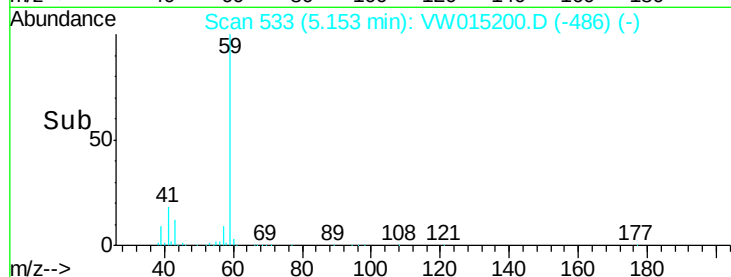
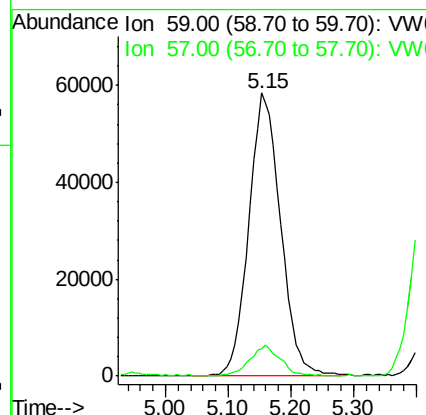
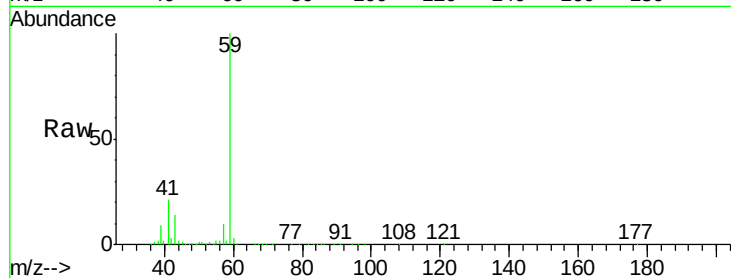


#11

Tert butyl alcohol
 Concen: 468.053 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

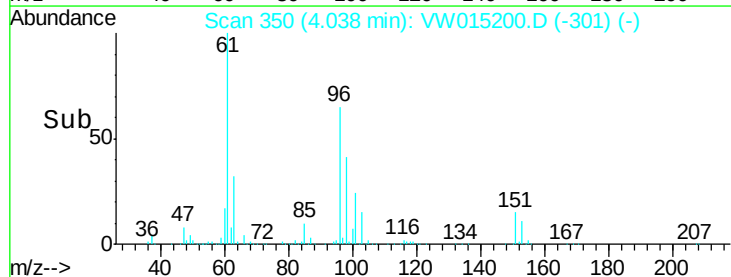
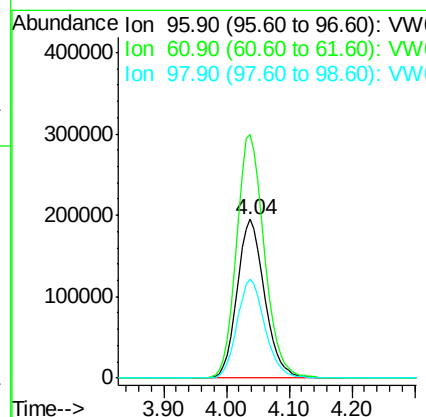
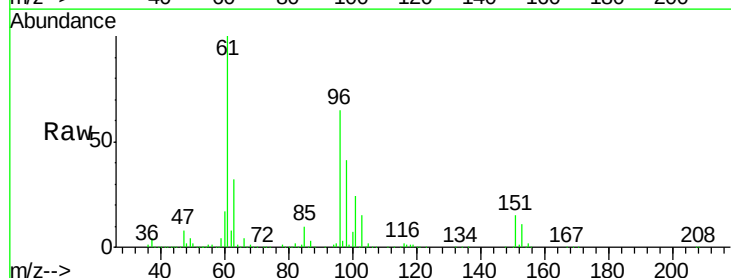
Tot Ion: 59 Resp: 204931
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

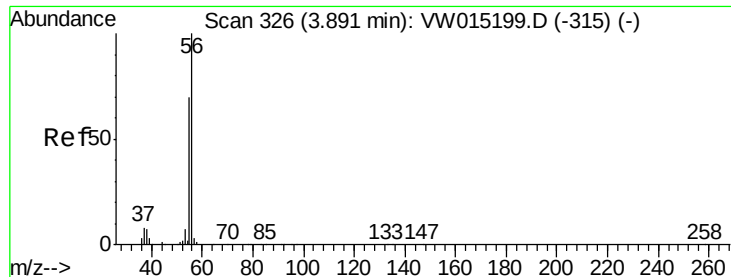


#12

1,1-Dichloroethene
 Concen: 88.948 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

Tgt Ion: 96 Resp: 592294
 Ion Ratio Lower Upper
 96 100
 61 153.3 127.0 190.4
 98 62.3 51.0 76.4





#13

Acrolein

Concen: 341.004 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

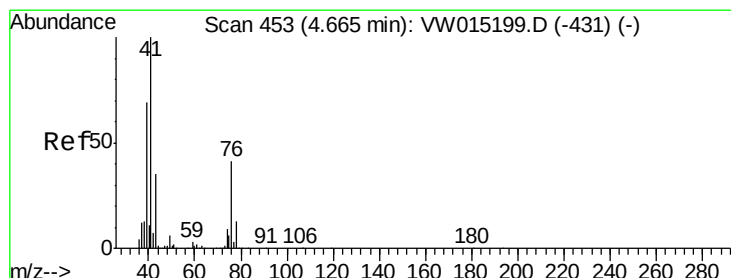
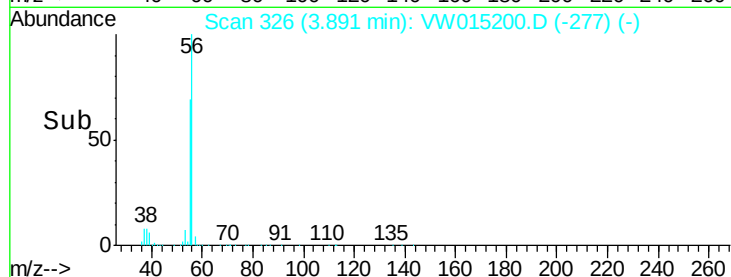
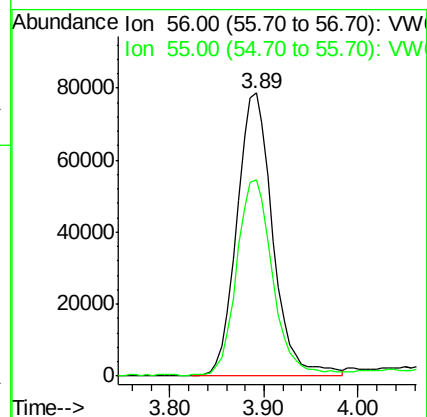
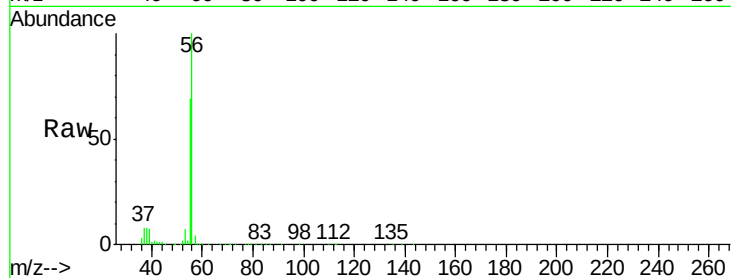
VSTDIC100

Tot Ion: 56 Resp: 207967

Ion Ratio Lower Upper

56 100

55 69.1 56.2 84.2



#14

Allyl chloride

Concen: 67.744 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

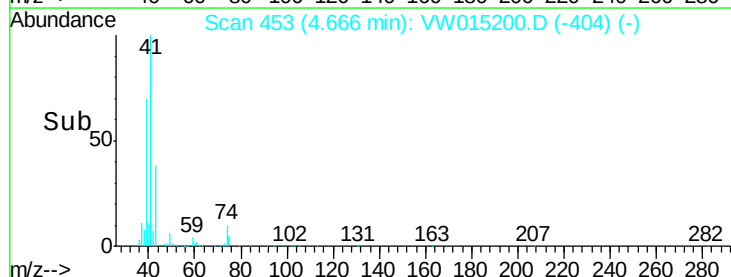
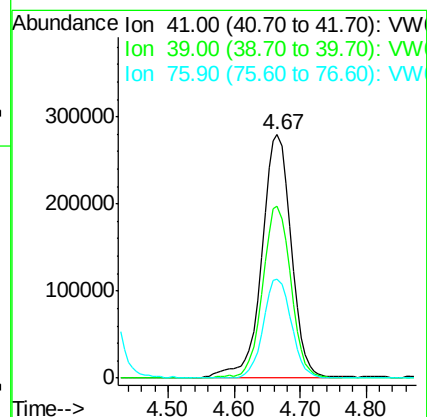
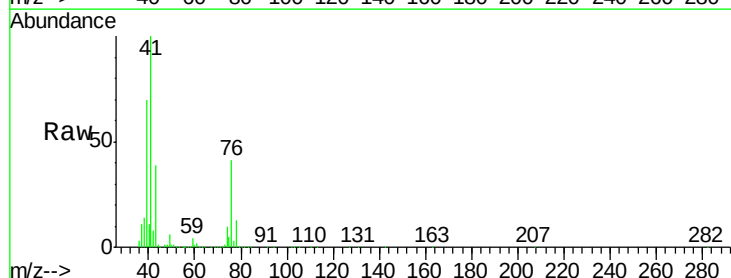
Tgt Ion: 41 Resp: 863328

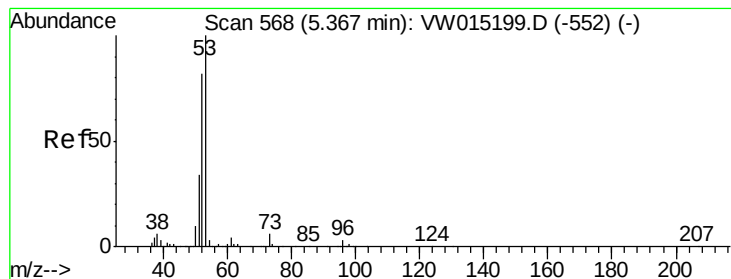
Ion Ratio Lower Upper

41 100

39 67.9 54.0 81.0

76 38.8 31.8 47.6





#15

Acrylonitrile

Concen: 397.899 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

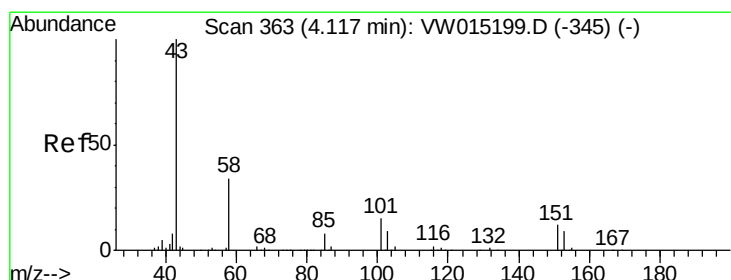
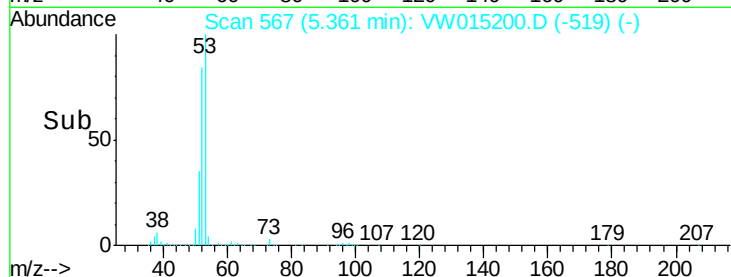
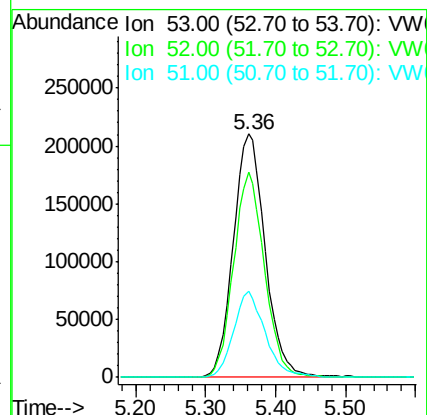
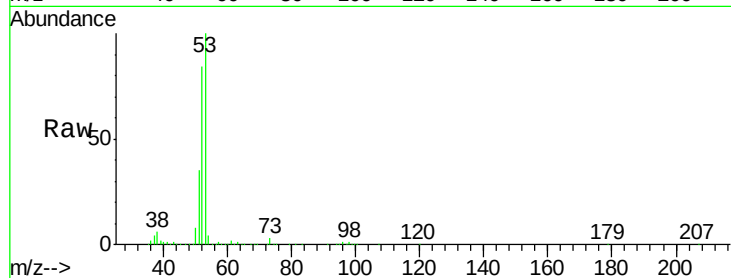
Tot Ion: 53 Resp: 665416

Ion Ratio Lower Upper

53 100

52 81.6 65.2 97.8

51 35.3 28.2 42.4



#16

Acetone

Concen: 305.163 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW015200.D

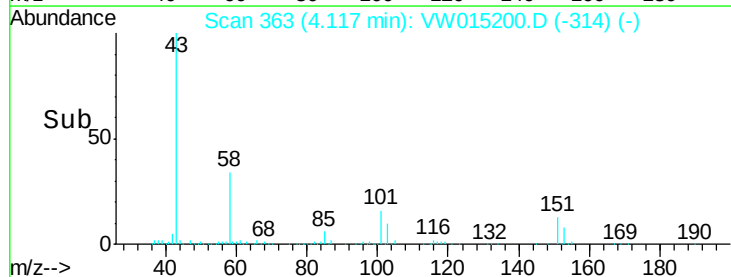
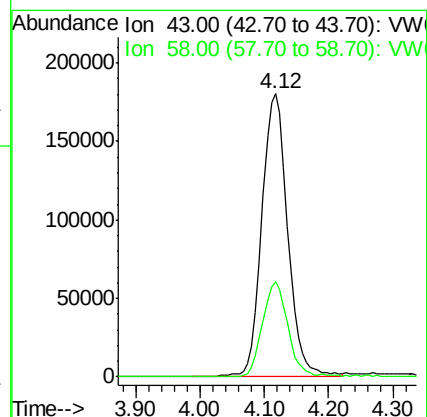
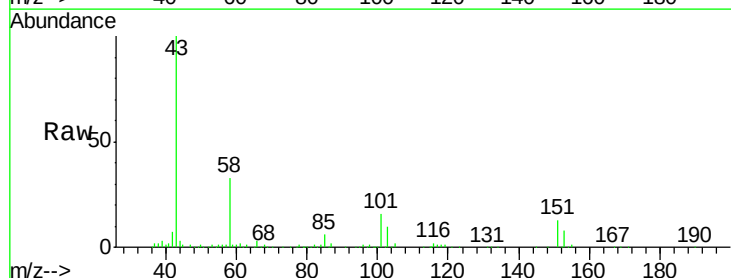
Acq: 15 Apr 2020 13:41

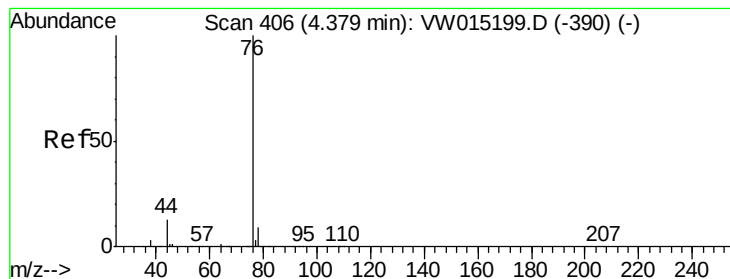
Tgt Ion: 43 Resp: 497130

Ion Ratio Lower Upper

43 100

58 33.4 27.0 40.4





#17

Carbon Disulfide

Concen: 78.207 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

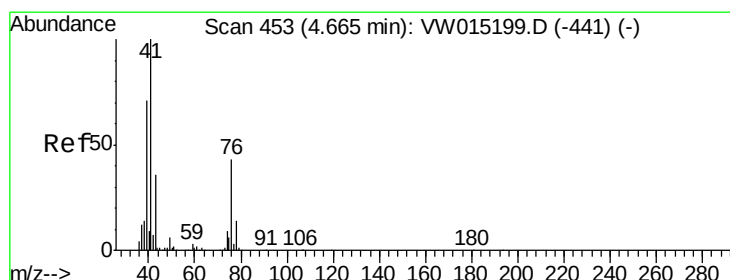
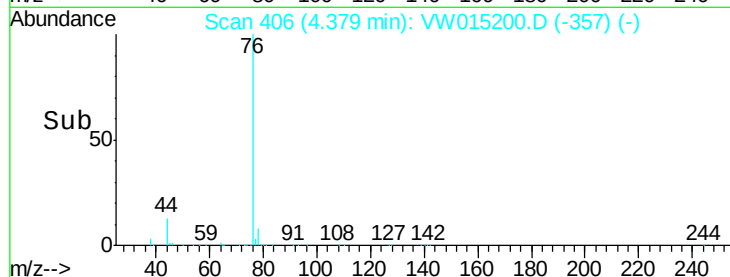
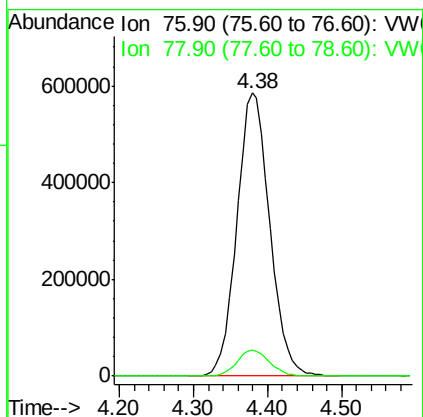
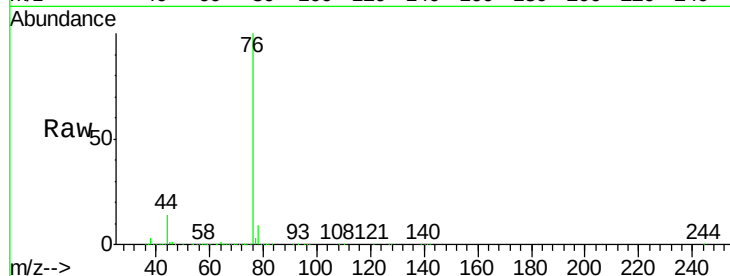
VSTDIC100

Tot Ion: 76 Resp: 1809895

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 78.141 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015200.D

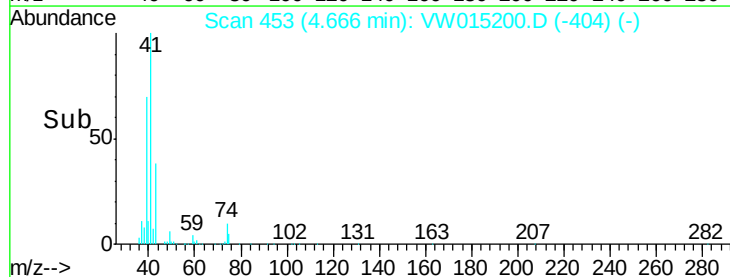
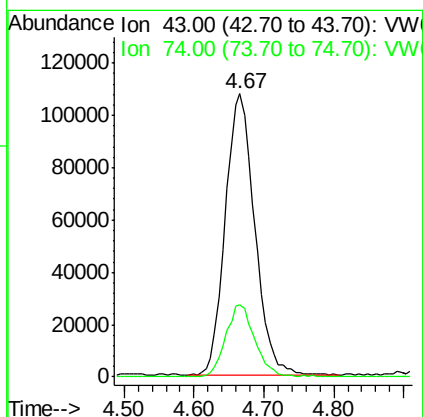
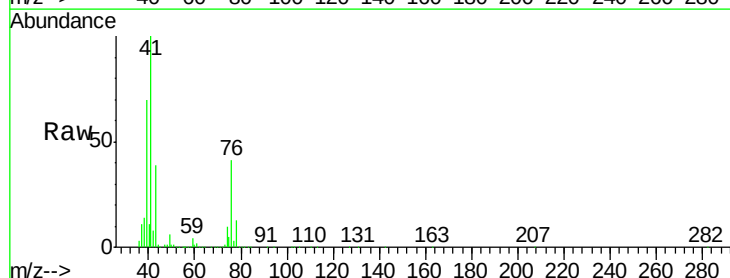
Acq: 15 Apr 2020 13:41

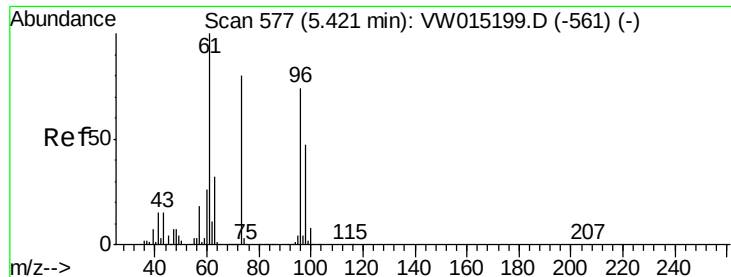
Tgt Ion: 43 Resp: 313657

Ion Ratio Lower Upper

43 100

74 25.4 20.6 31.0

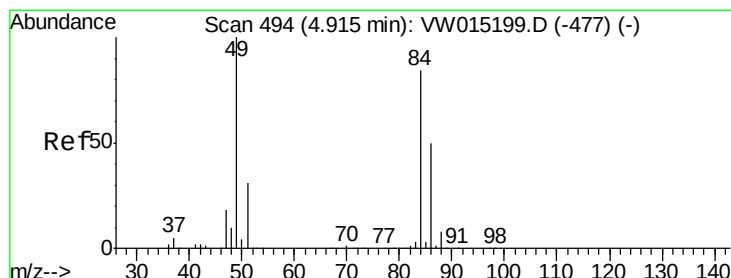
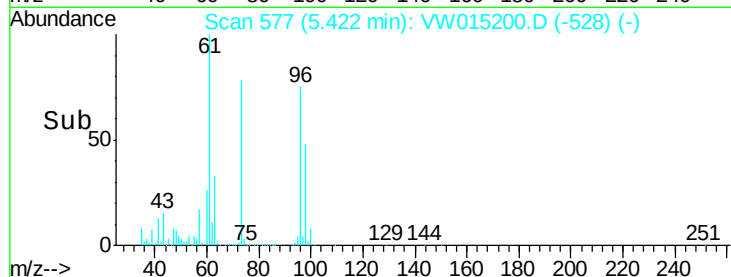
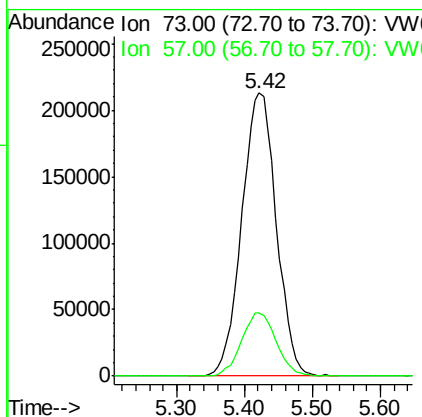
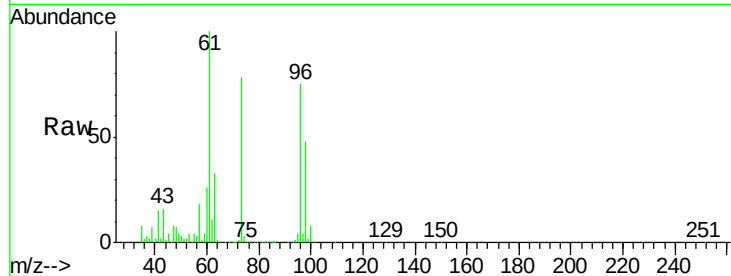




#19
Methyl tert-butyl Ether
Concen: 89.310 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

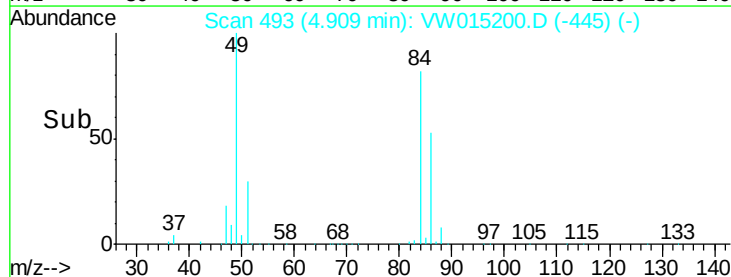
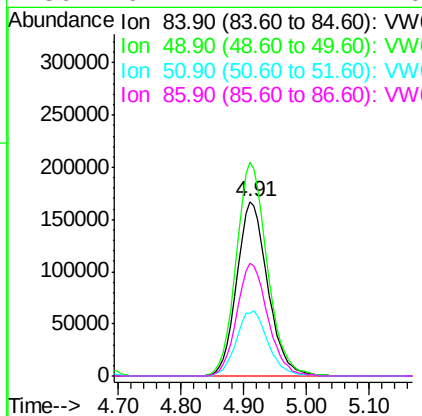
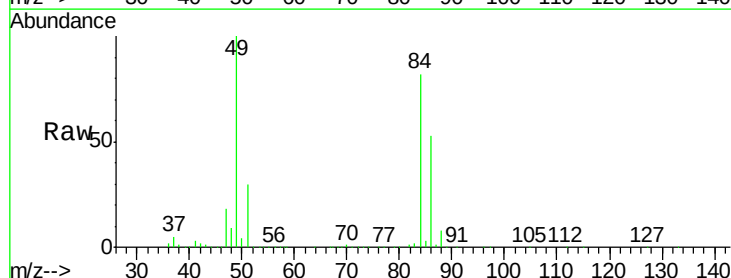
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

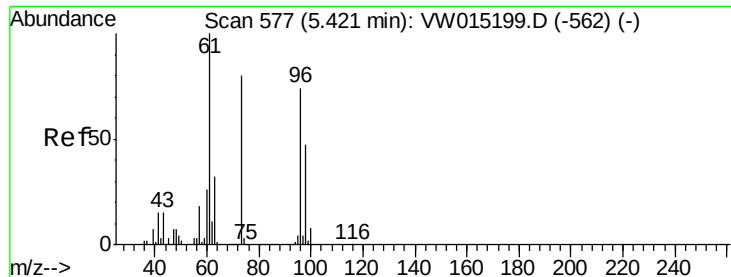
Tot Ion: 73 Resp: 753097
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.6



#20
Methylene Chloride
Concen: 70.905 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion: 84 Resp: 570668
Ion Ratio Lower Upper
84 100
49 122.7 95.4 143.0
51 36.2 29.8 44.8
86 64.7 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 86.102 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

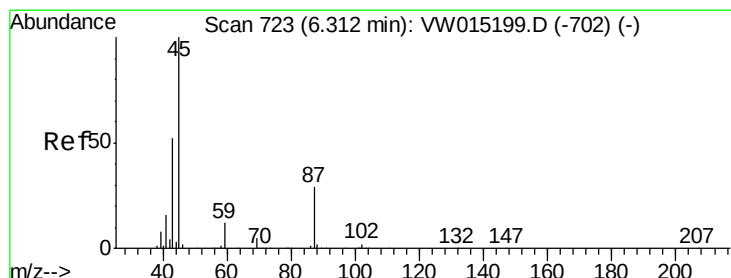
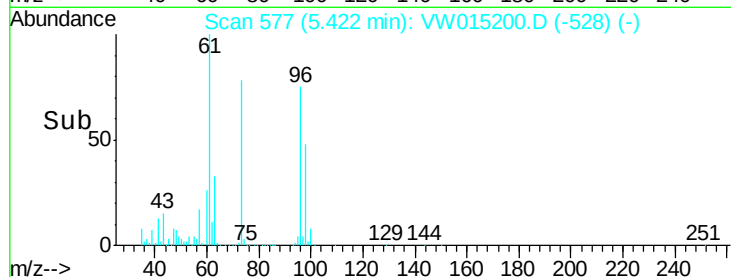
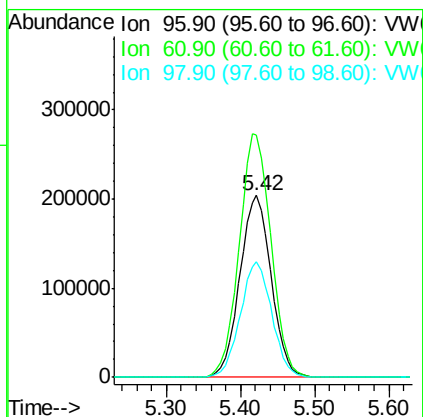
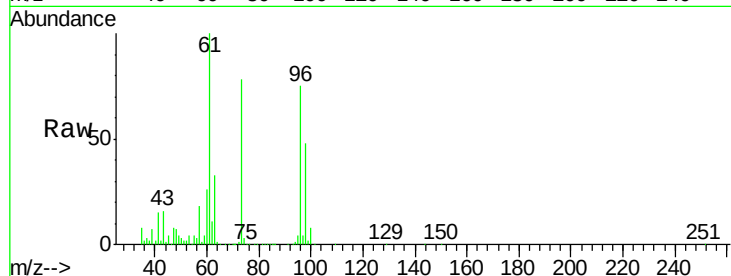
Tot Ion: 96 Resp: 606344

Ion Ratio Lower Upper

96 100

61 132.8 107.8 161.6

98 63.4 50.2 75.2



#22

Diisopropyl ether

Concen: 71.162 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Tgt Ion: 45 Resp: 1736443

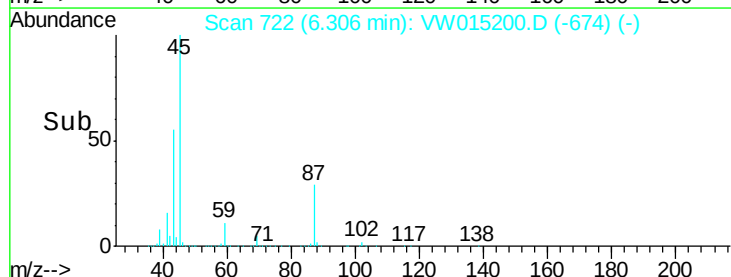
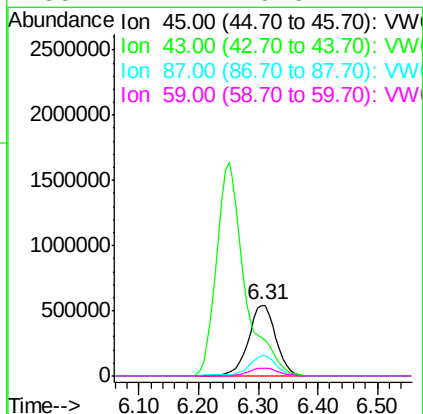
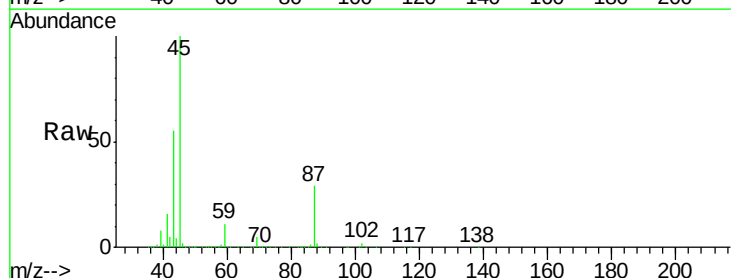
Ion Ratio Lower Upper

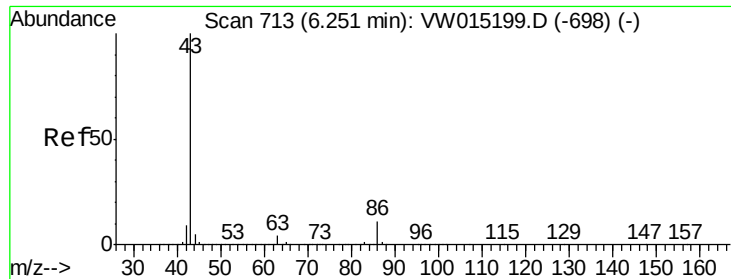
45 100

43 54.6 41.8 62.6

87 28.5 23.2 34.8

59 11.1 9.6 14.4





#23

Vinyl Acetate

Concen: 375.396 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

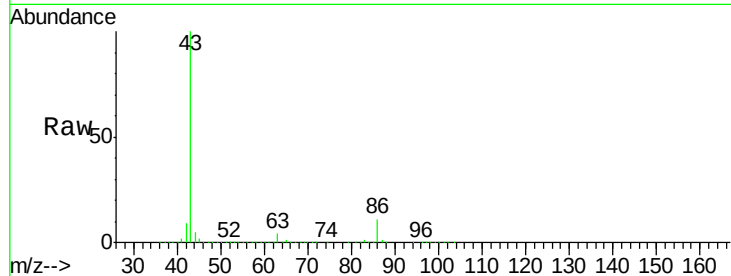
VSTDIC100

Tot Ion: 43 Resp: 5372047

Ion Ratio Lower Upper

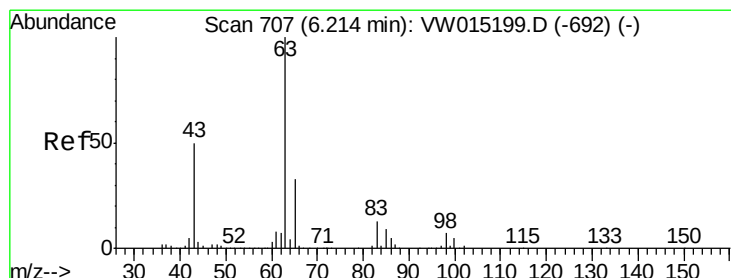
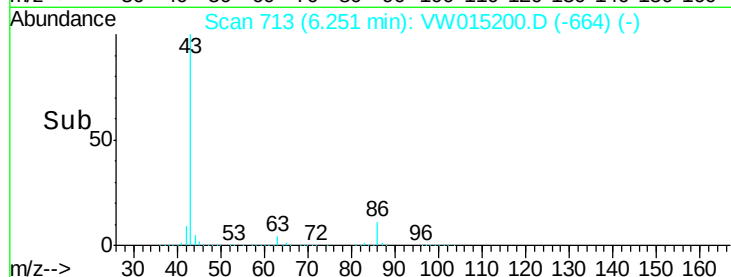
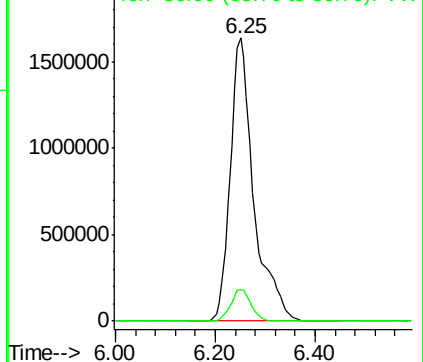
43 100

86 11.1 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 71.428 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

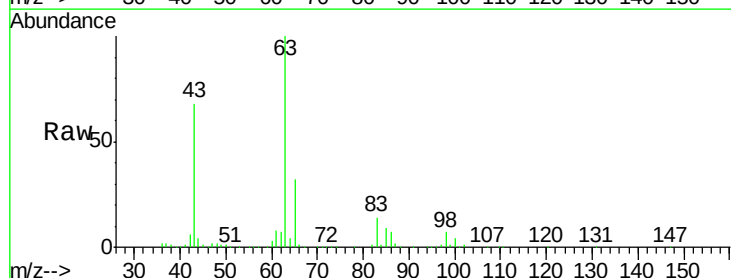
Tgt Ion: 63 Resp: 1031327

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

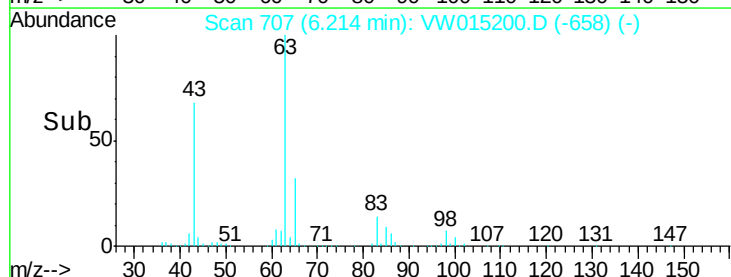
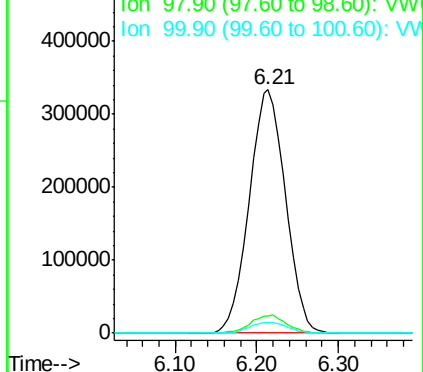
100 4.5 2.4 7.2

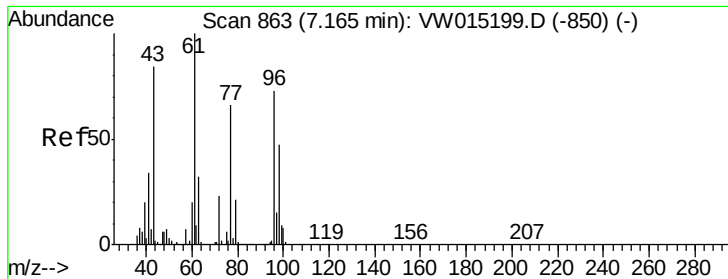


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 371.120 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

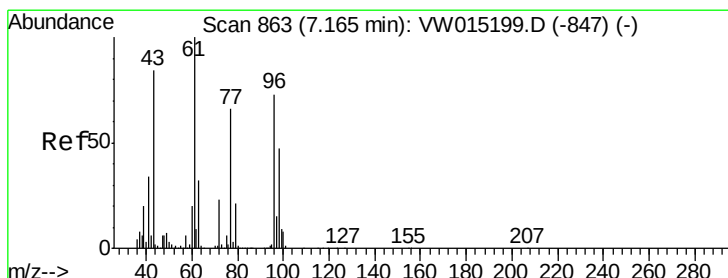
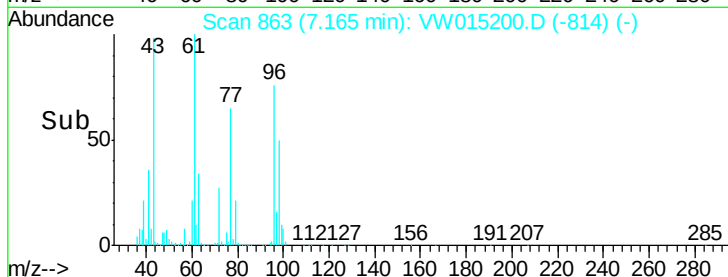
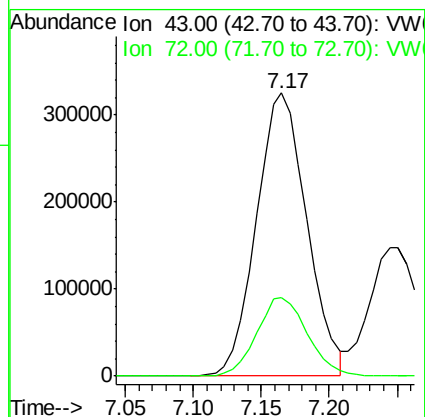
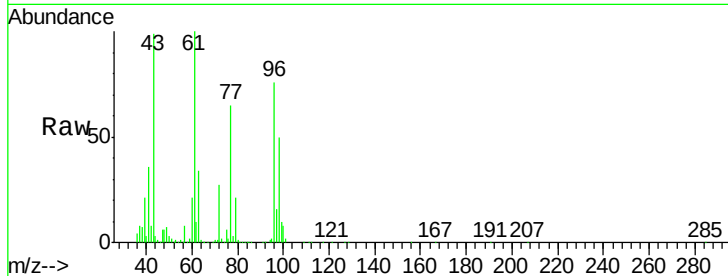
VSTDIC100

Tot Ion: 43 Resp: 838976

Ion Ratio Lower Upper

43 100

72 27.7 21.6 32.4



#26

2,2-Dichloropropane

Concen: 76.471 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015200.D

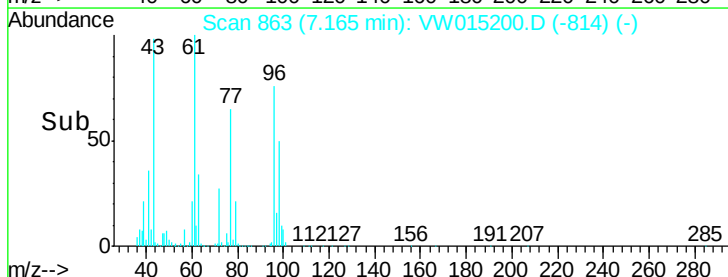
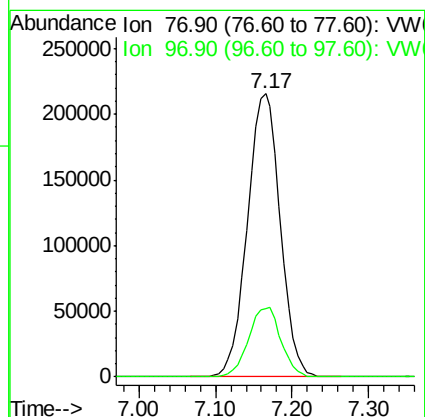
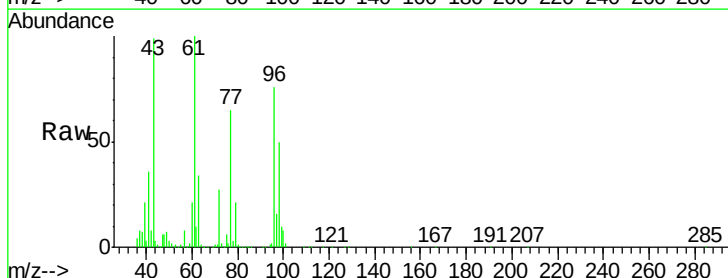
Acq: 15 Apr 2020 13:41

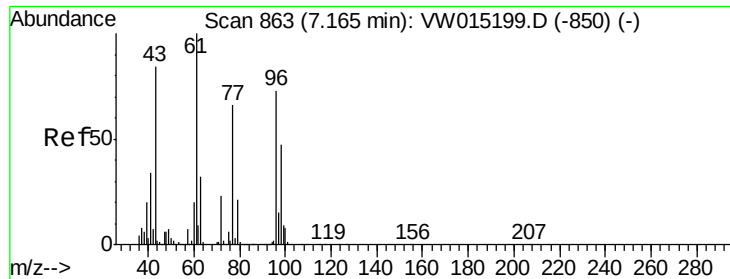
Tgt Ion: 77 Resp: 643578

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.5



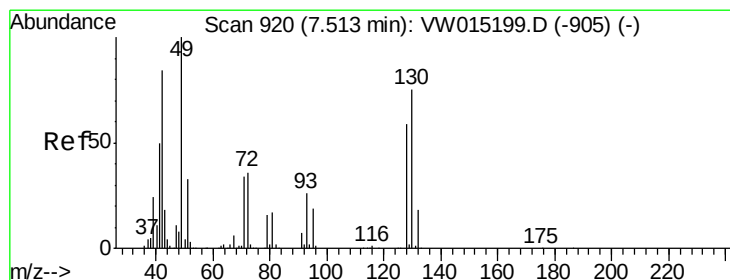
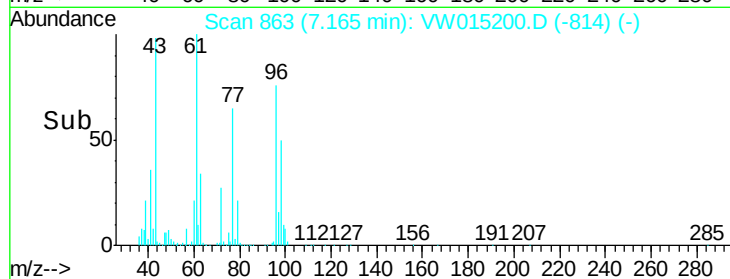
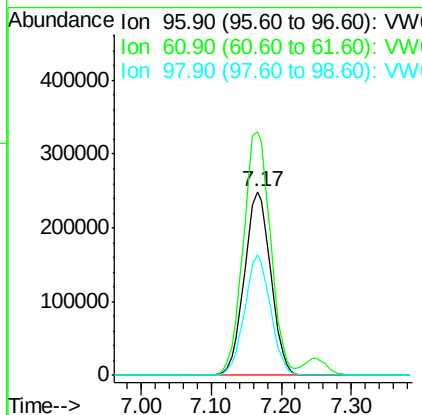
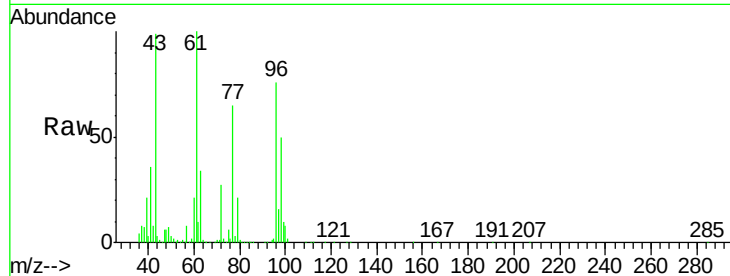


#27

cis-1,2-Dichloroethene
 Concen: 88.659 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

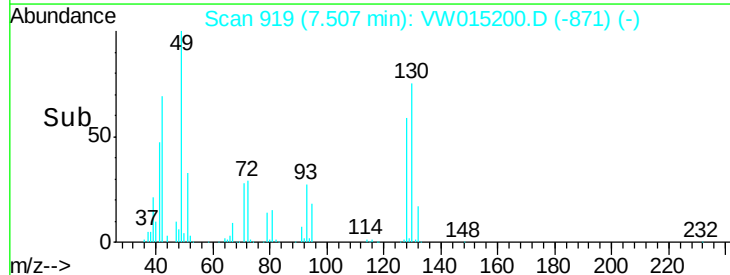
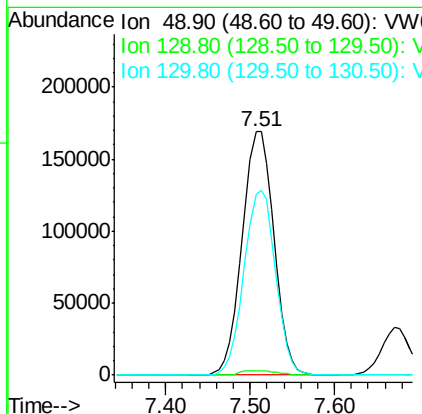
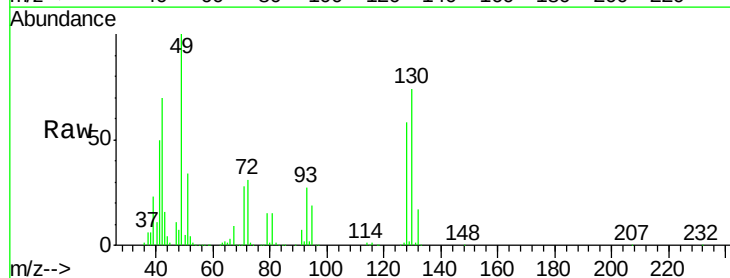
Tot Ion	96	Resp	651225
Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	275.0
98	64.5	0.0	130.8

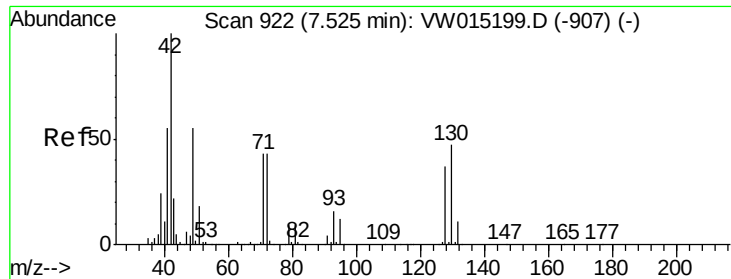


#28

Bromochloromethane
 Concen: 64.560 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

Tgt Ion	49	Resp	432817
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	75.4	60.9	91.3

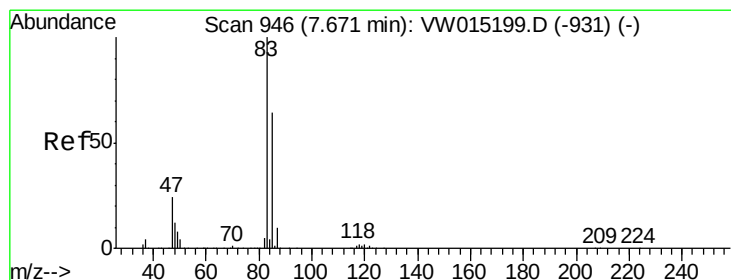
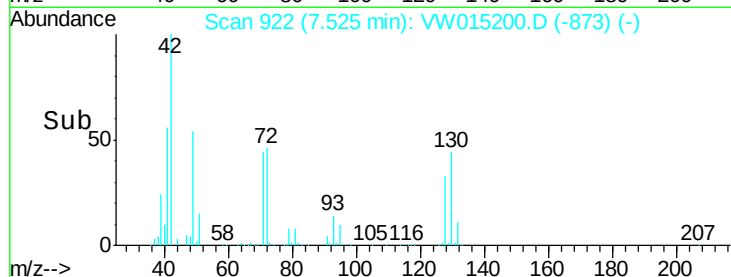
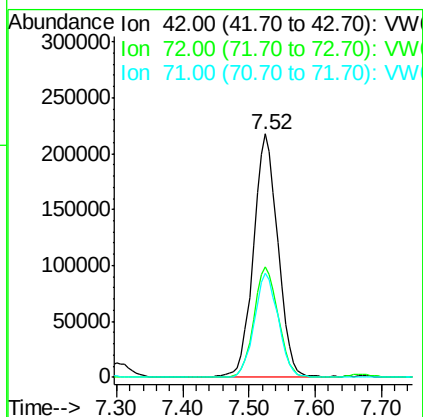
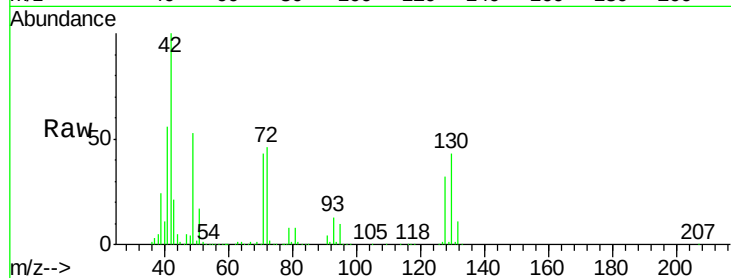




#29
Tetrahydrofuran
Concen: 394.319 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

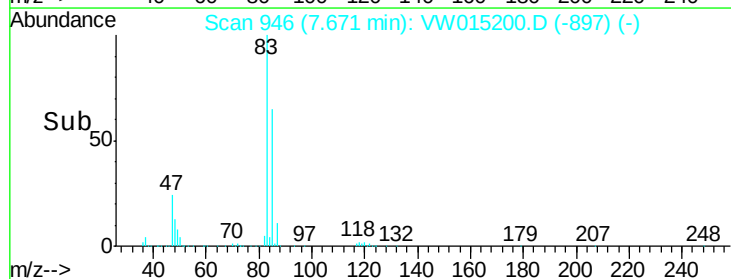
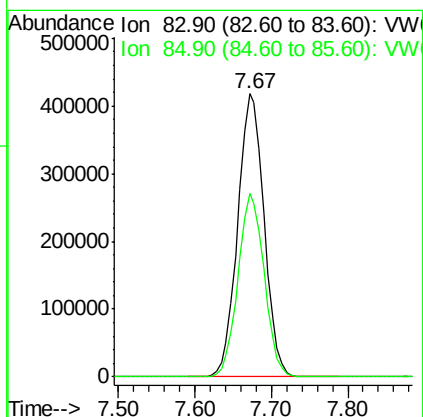
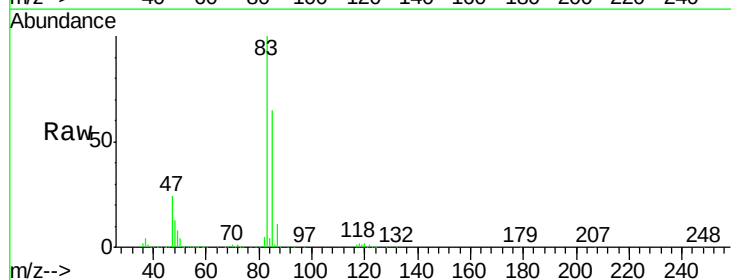
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

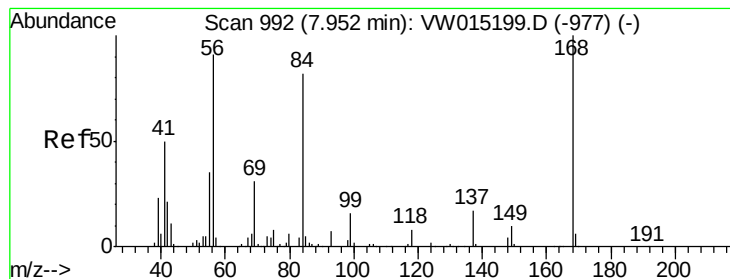
Tot Ion: 42 Resp: 559204
Ion Ratio Lower Upper
42 100
72 45.5 36.2 54.2
71 42.2 34.2 51.4



#30
Chloroform
Concen: 76.969 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion: 83 Resp: 998961
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3





#31

Cyclohexane

Concen: 69.851 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

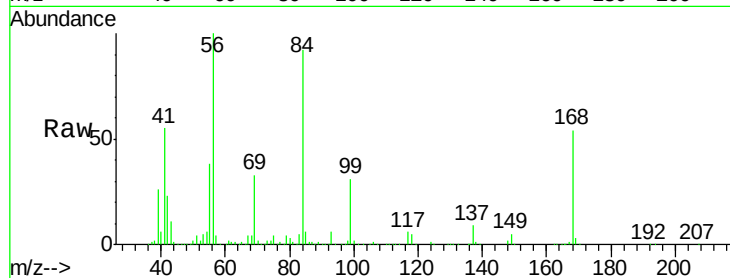
Tot Ion: 56 Resp: 1039452

Ion Ratio Lower Upper

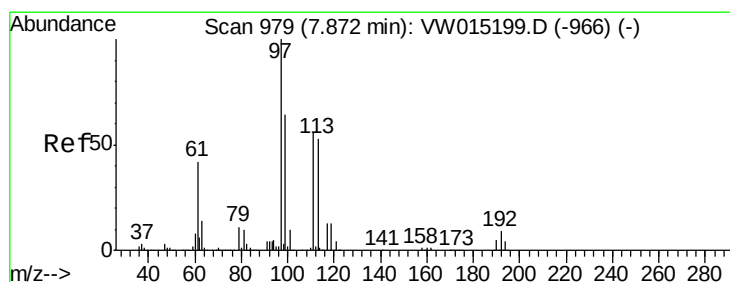
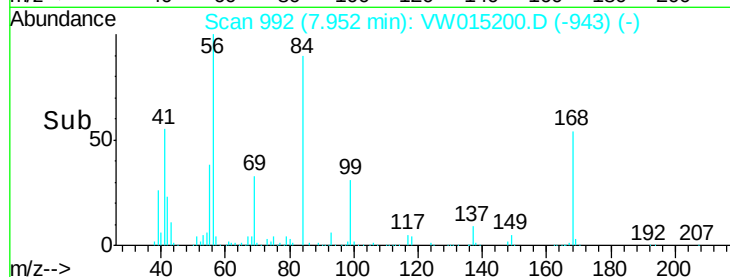
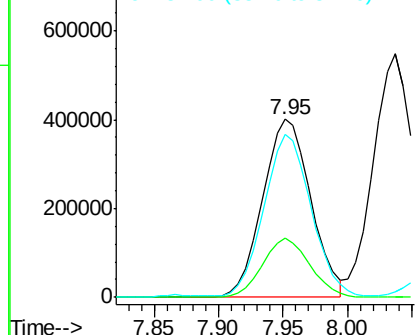
56 100

69 33.0 27.1 40.7

84 90.4 71.9 107.9



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



#32

1,1,1-Trichloroethane

Concen: 81.606 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

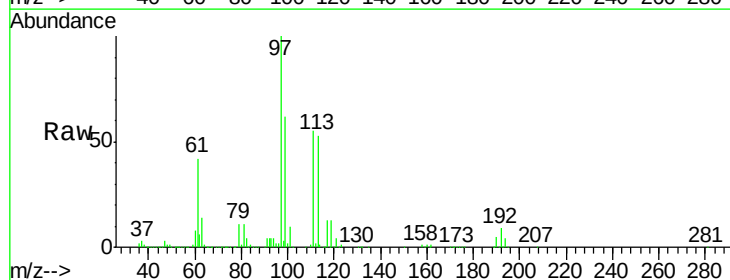
Tgt Ion: 97 Resp: 832603

Ion Ratio Lower Upper

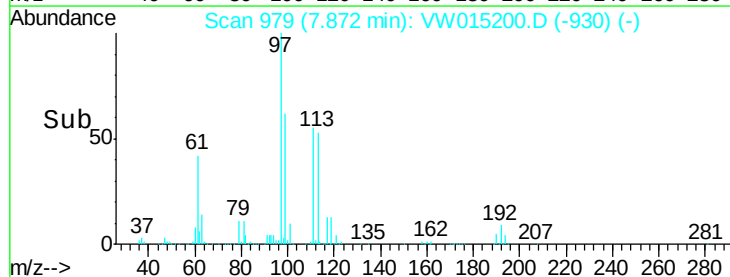
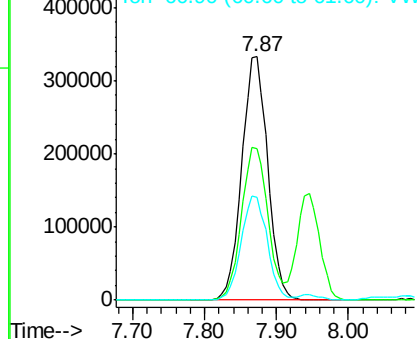
97 100

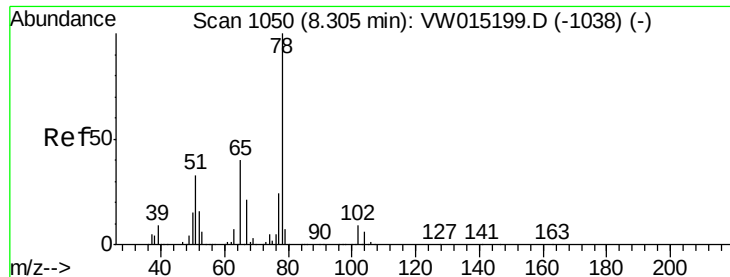
99 63.7 52.2 78.2

61 43.2 34.2 51.2



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

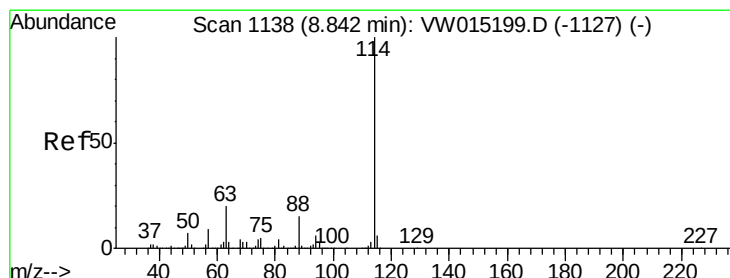
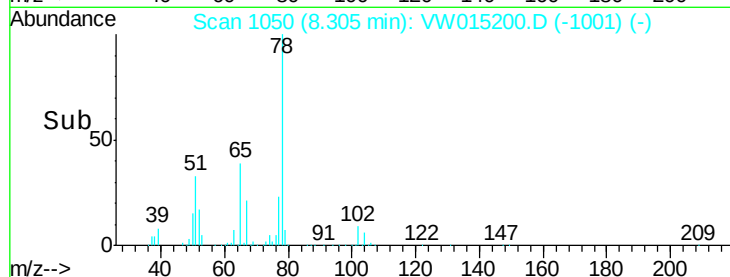
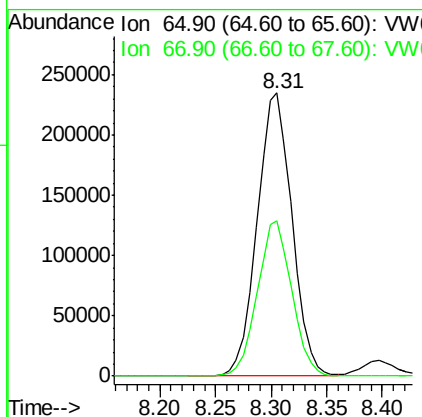
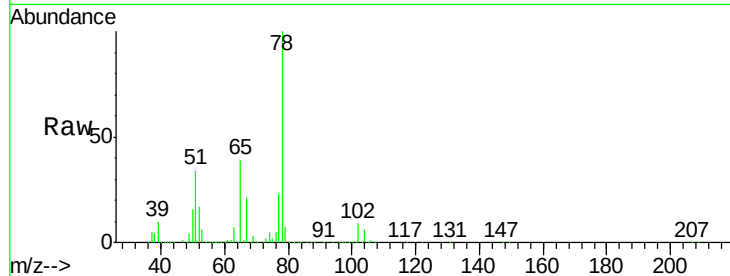




#33
 1,2-Dichloroethane-d4
 Concen: 69.166 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

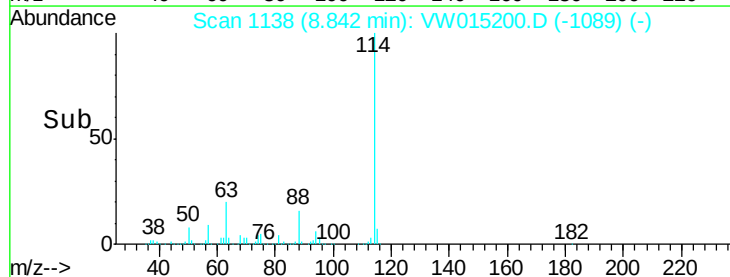
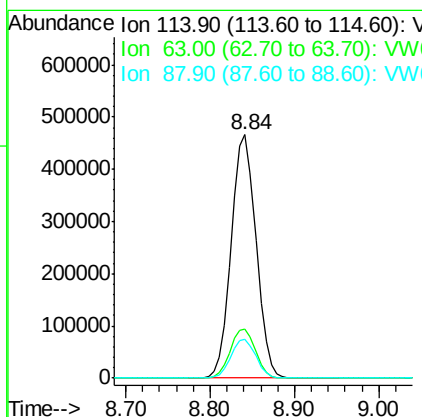
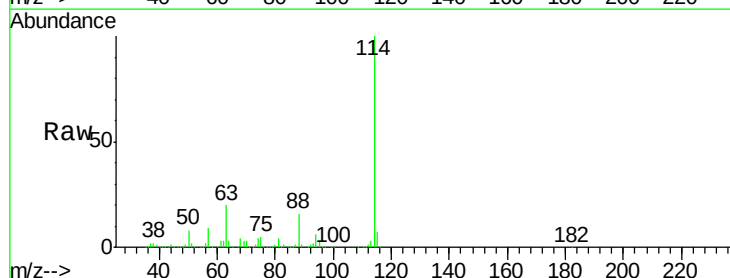
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

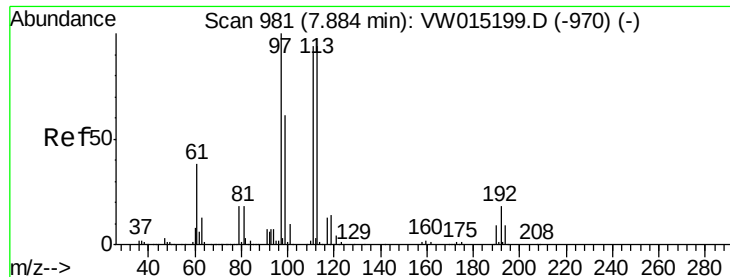
Tot Ion: 65 Resp: 509987
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

Tgt Ion: 114 Resp: 928311
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 91.784 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

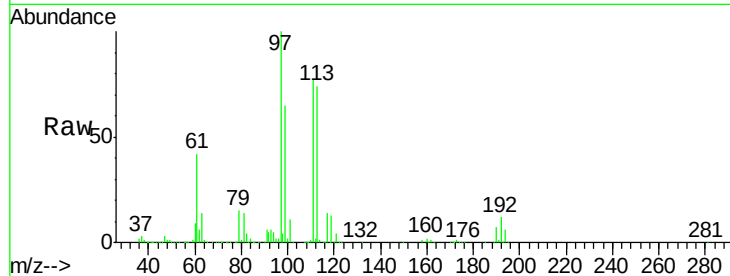
Tot Ion:113 Resp: 501187

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

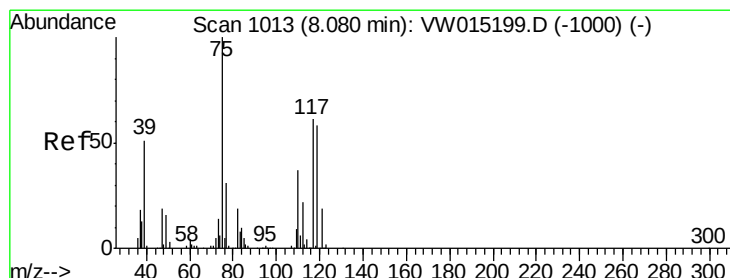
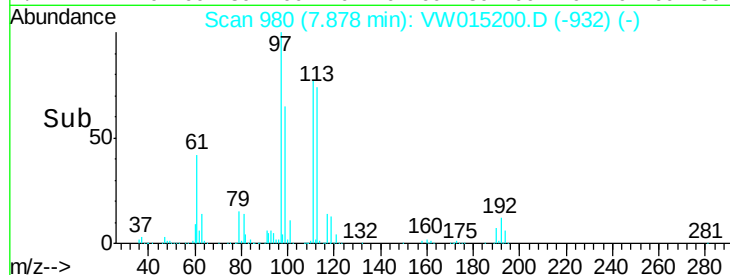
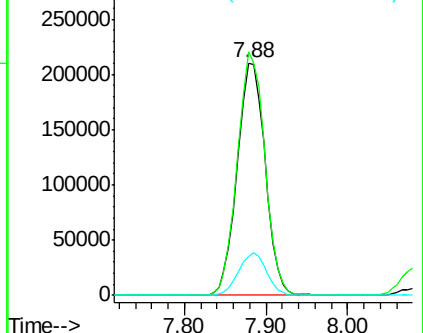
192 18.3 15.1 22.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 82.456 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

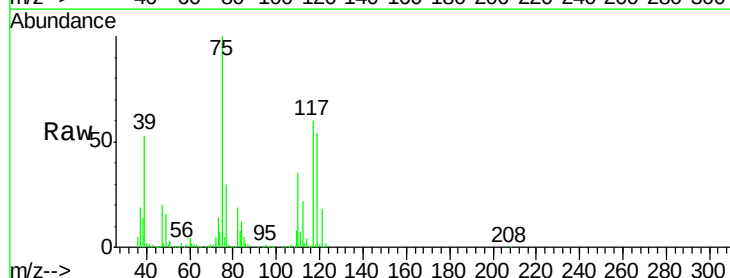
Tgt Ion: 75 Resp: 850717

Ion Ratio Lower Upper

75 100

110 35.3 18.2 54.6

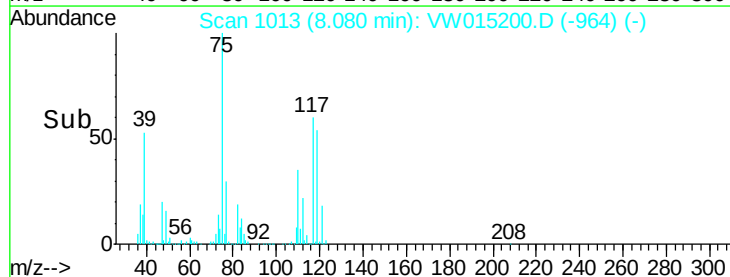
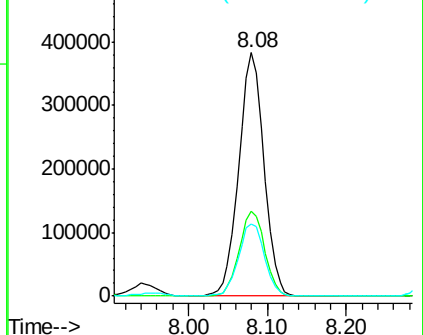
77 30.9 24.5 36.7

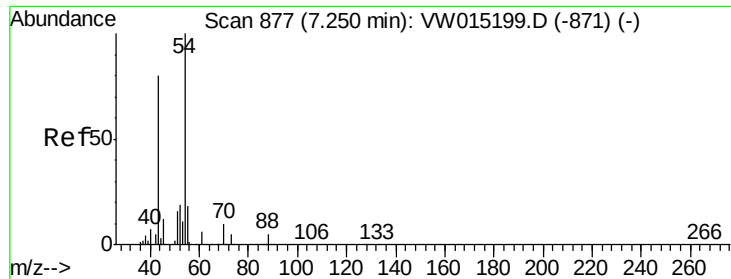


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

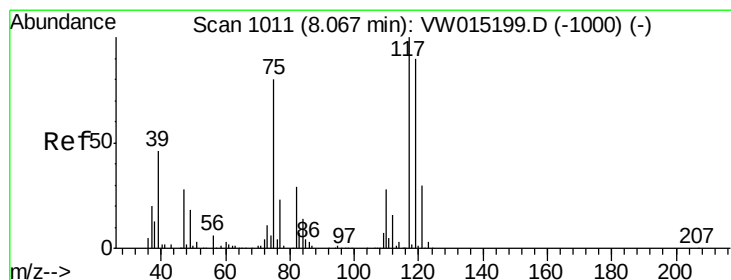
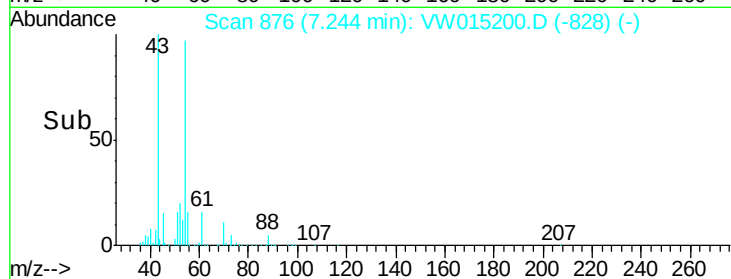
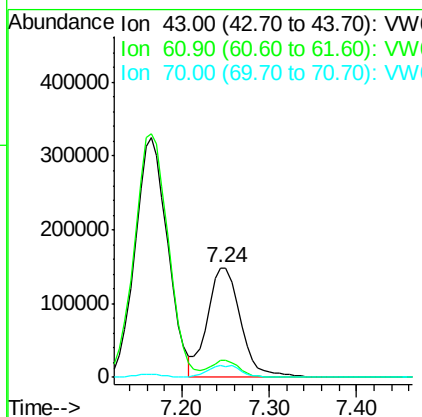
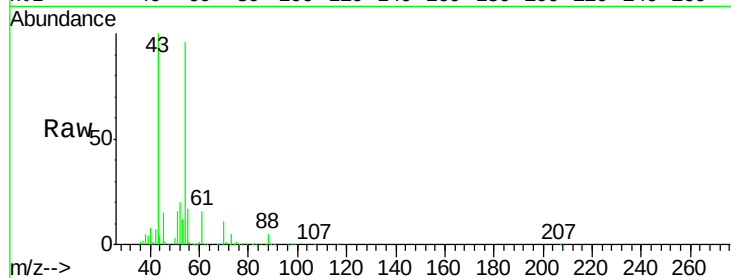




#37
Ethyl Acetate
Concen: 77.965 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

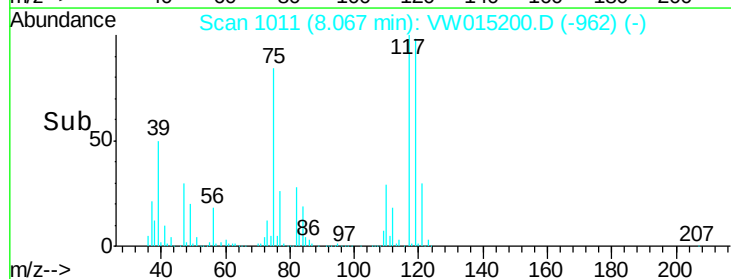
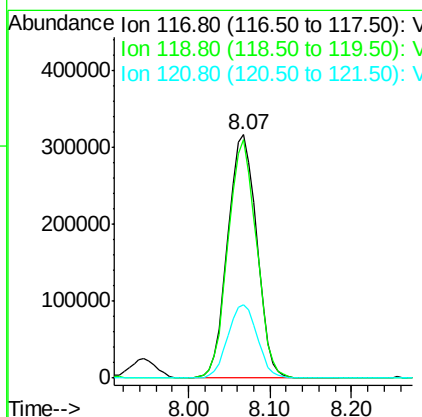
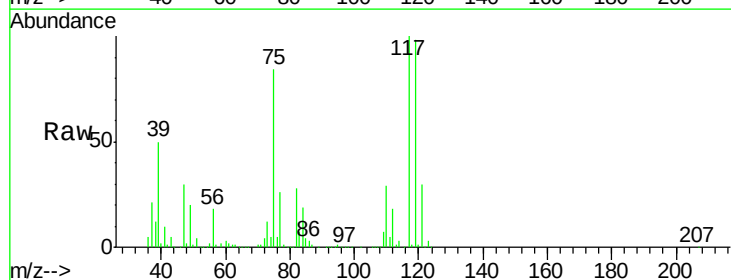
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

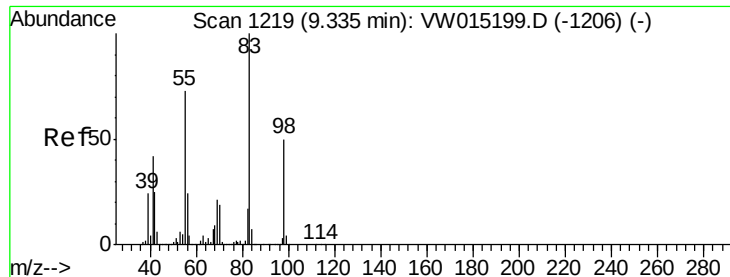
Tot Ion: 43 Resp: 390027
Ion Ratio Lower Upper
43 100
61 13.8 11.9 17.9
70 10.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 90.334 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion: 117 Resp: 777699
Ion Ratio Lower Upper
117 100
119 97.9 72.3 108.5
121 30.2 23.7 35.5

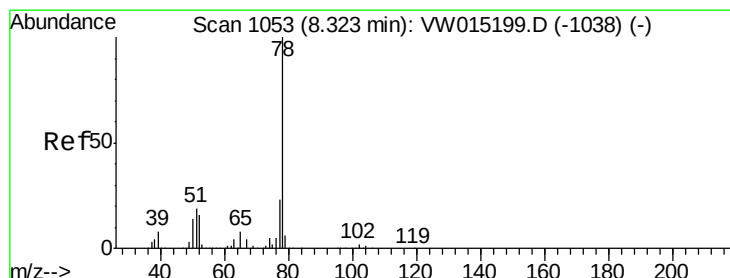
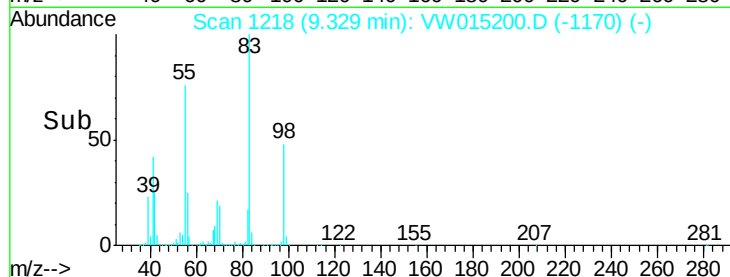
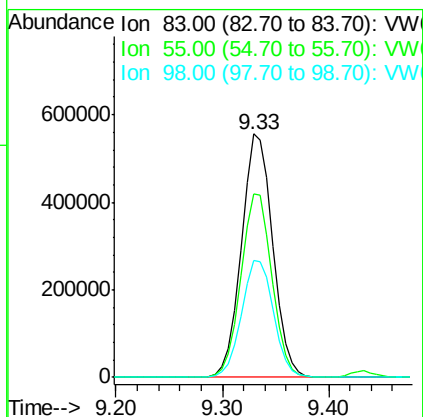
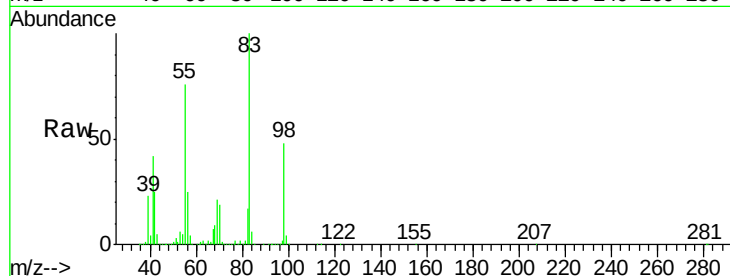




#39
Methylvlcyclohexane
Concen: 95.013 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

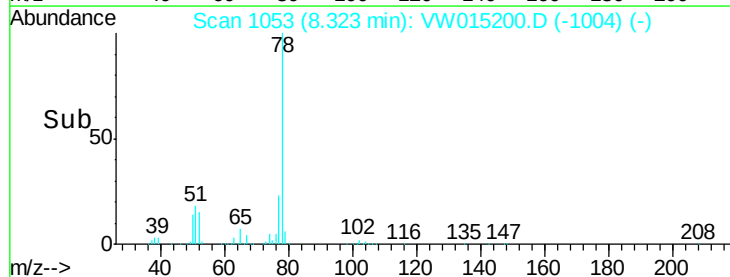
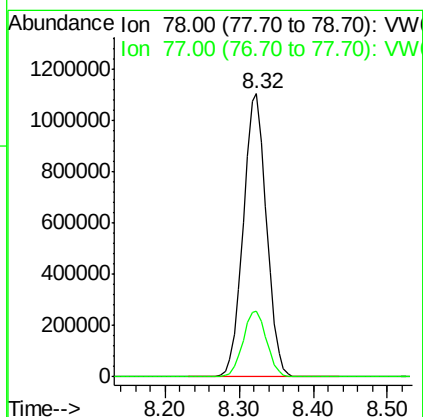
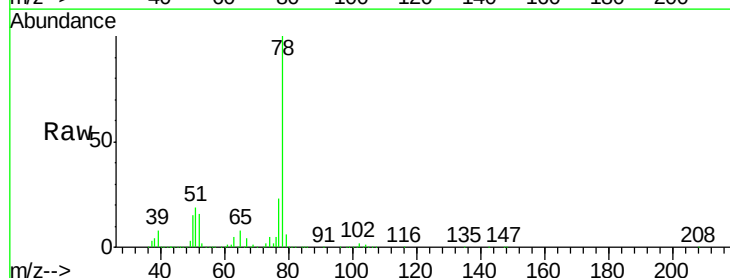
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

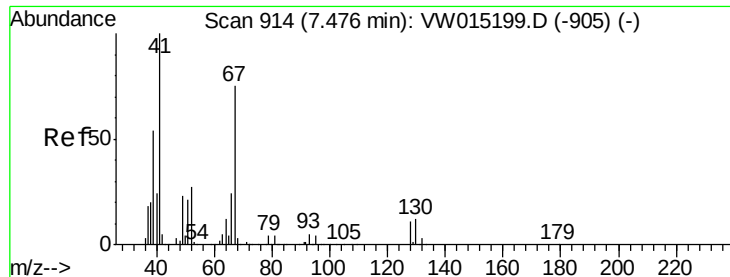
Tot Ion: 83 Resp: 1146159
Ion Ratio Lower Upper
83 100
55 75.5 58.1 87.1
98 48.3 40.2 60.4



#40
Benzene
Concen: 83.456 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion: 78 Resp: 2409608
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.2





#41

Methacrylonitrile

Concen: 87.866 ug/l

RT: 7.48 min Scan# 914

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 41 Resp: 235445

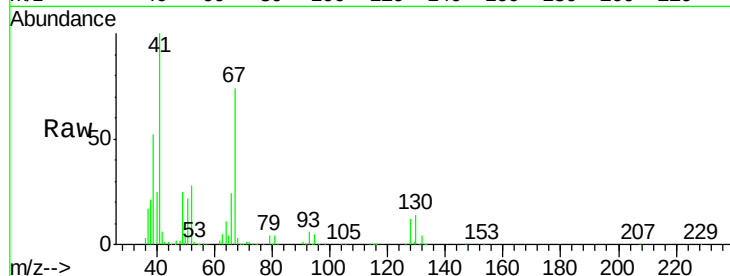
Ion Ratio Lower Upper

41 100

39 51.7 41.9 62.9

67 70.5 60.6 91.0

52 27.7 23.8 35.8

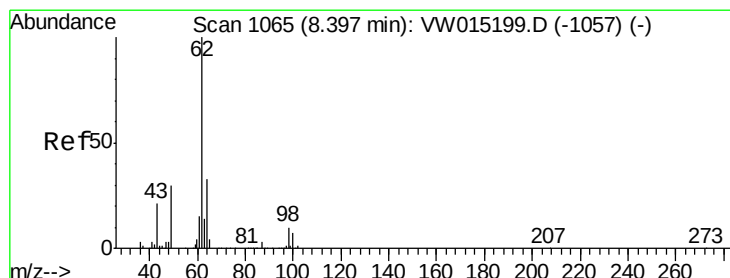
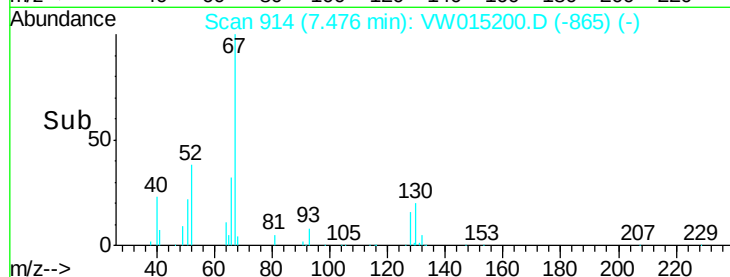
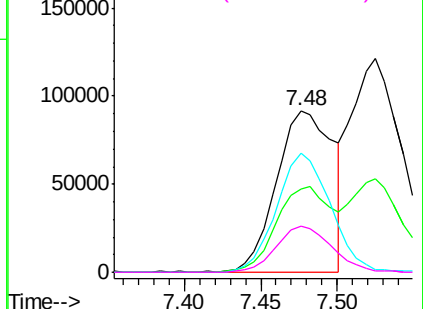


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 72.910 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW015200.D

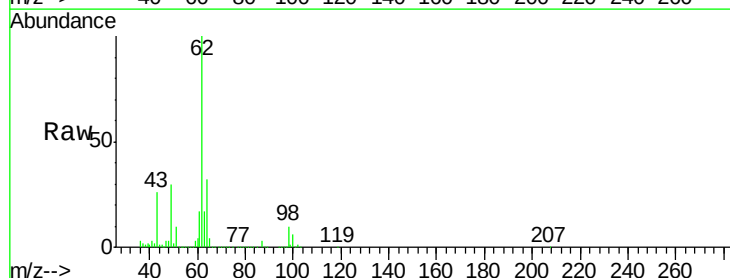
Acq: 15 Apr 2020 13:41

Tgt Ion: 62 Resp: 625823

Ion Ratio Lower Upper

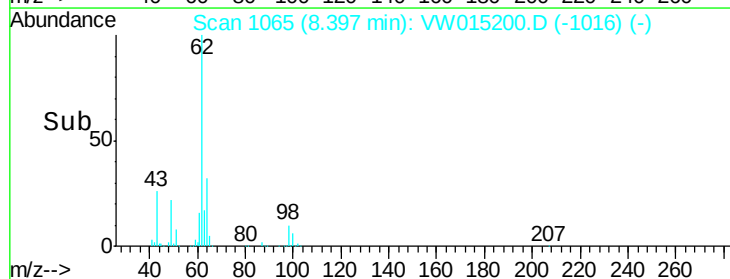
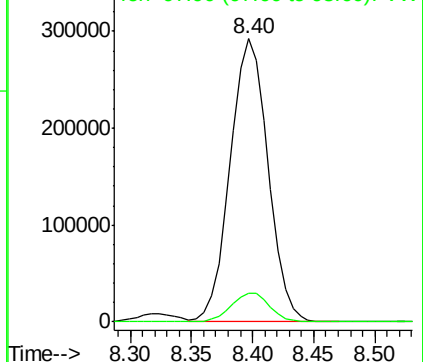
62 100

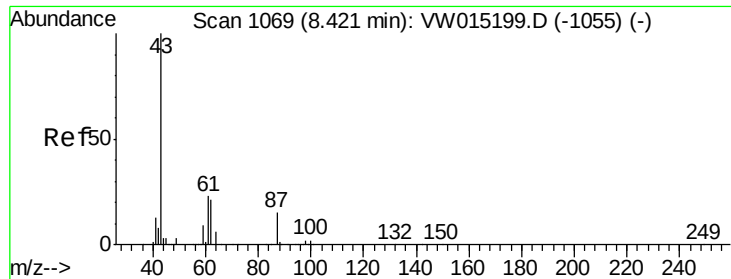
98 10.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 85.358 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

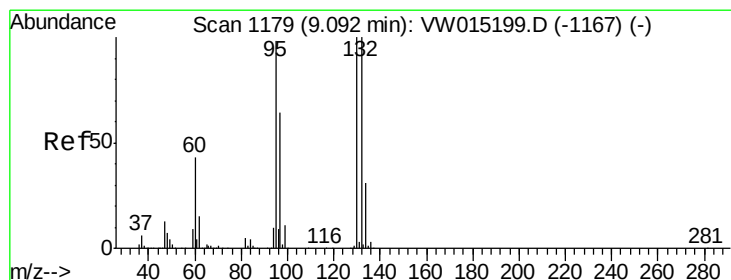
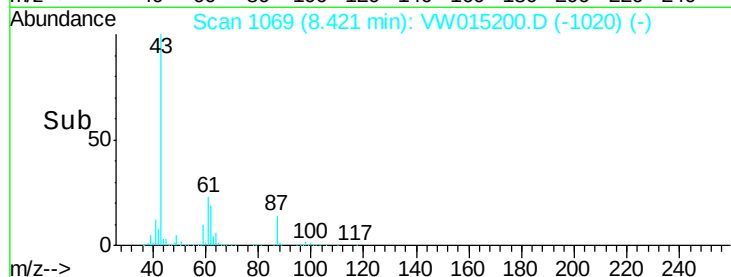
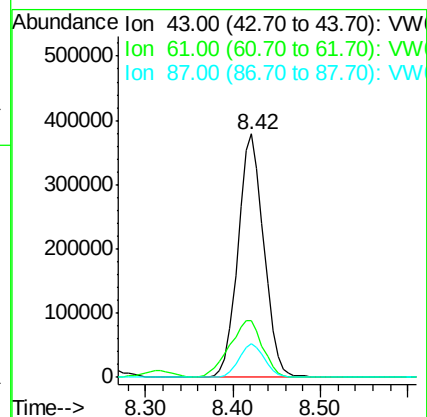
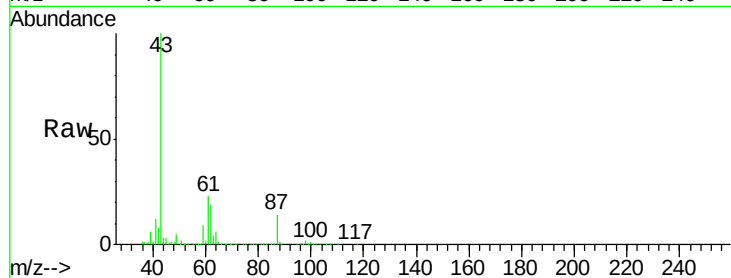
Tot Ion: 43 Resp: 773992

Ion Ratio Lower Upper

43 100

61 30.1 24.8 37.2

87 13.7 11.4 17.2



#44

Trichloroethene

Concen: 99.592 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015200.D

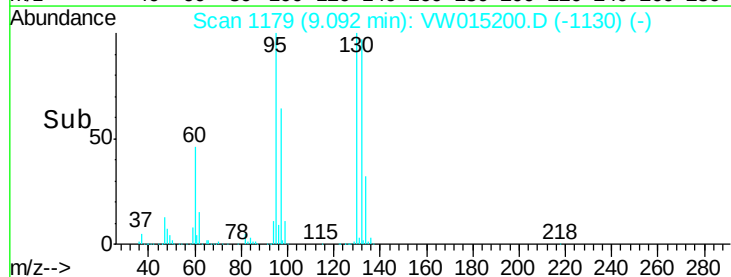
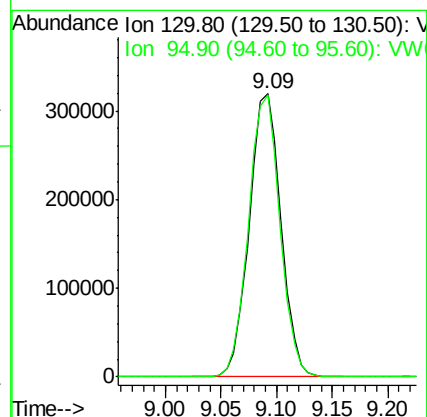
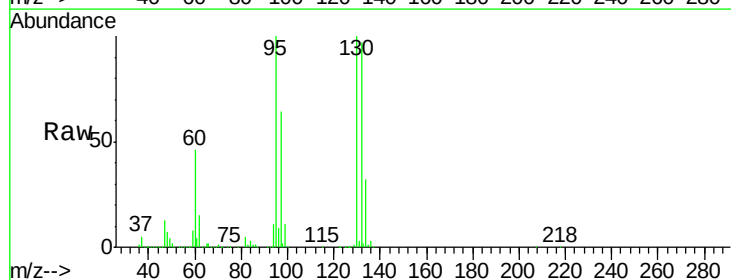
Acq: 15 Apr 2020 13:41

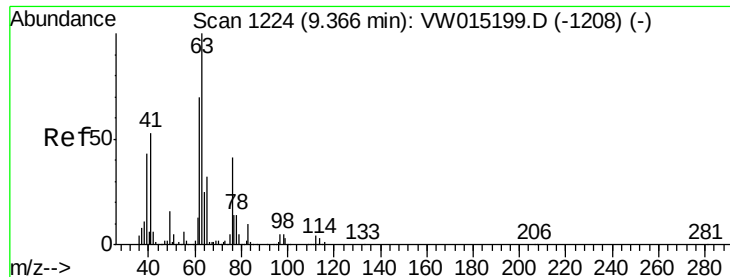
Tgt Ion: 130 Resp: 633839

Ion Ratio Lower Upper

130 100

95 99.9 0.0 196.4





#45

1,2-Dichloropropane

Concen: 77.558 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

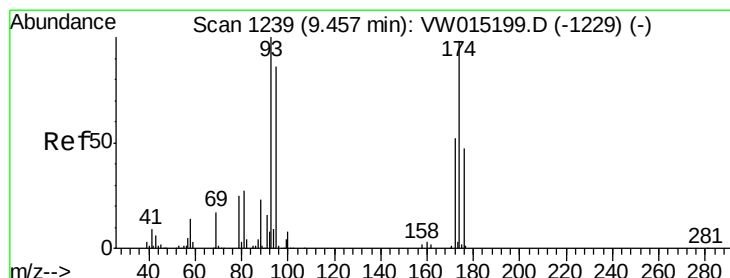
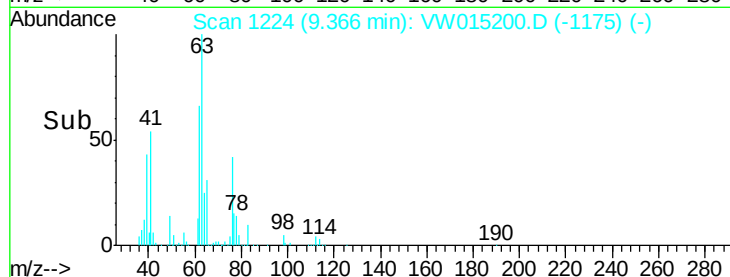
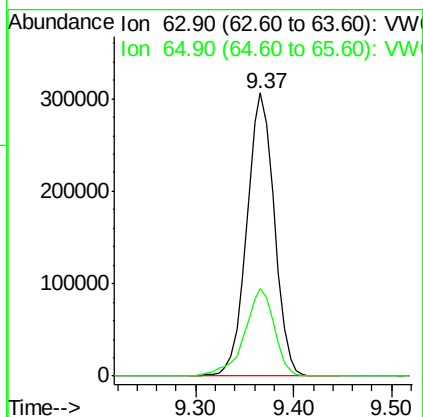
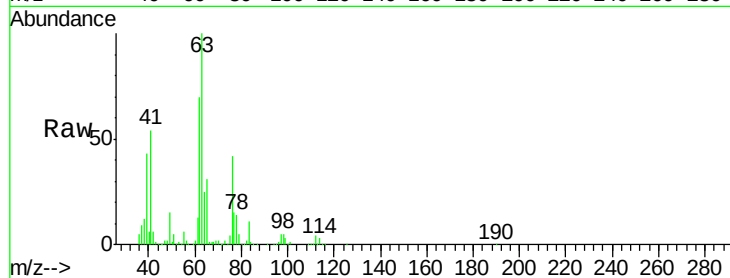
VSTDIC100

Tot Ion: 63 Resp: 595483

Ion Ratio Lower Upper

63 100

65 31.0 25.5 38.3



#46

Dibromomethane

Concen: 90.926 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

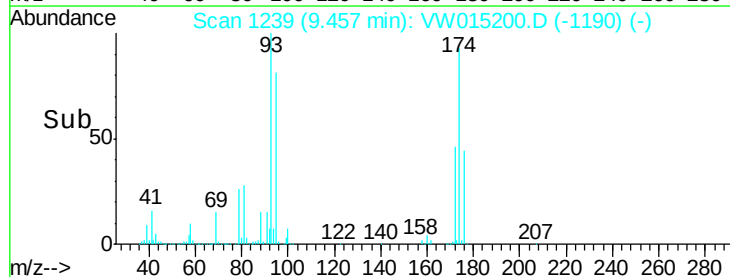
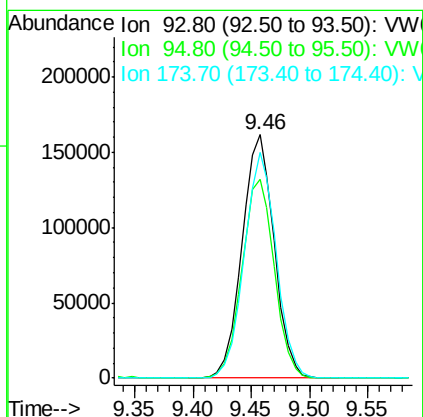
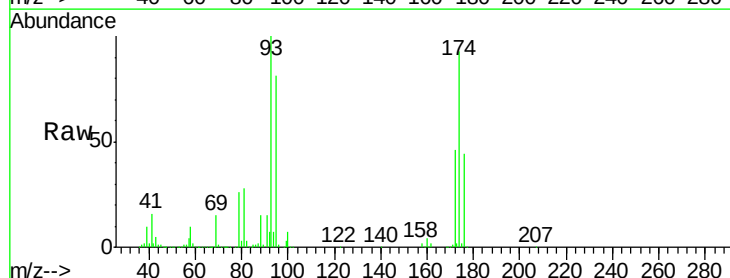
Tgt Ion: 93 Resp: 310069

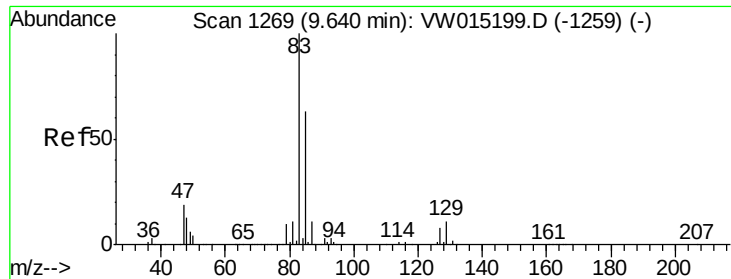
Ion Ratio Lower Upper

93 100

95 82.5 67.5 101.3

174 92.2 74.1 111.1

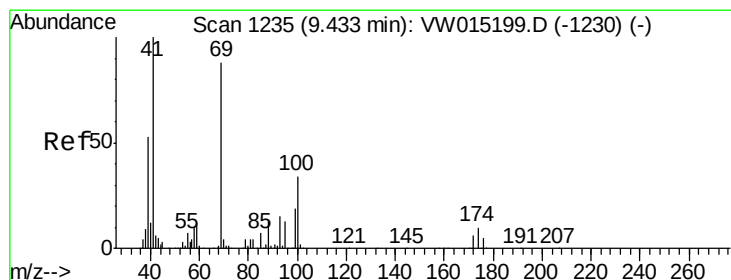
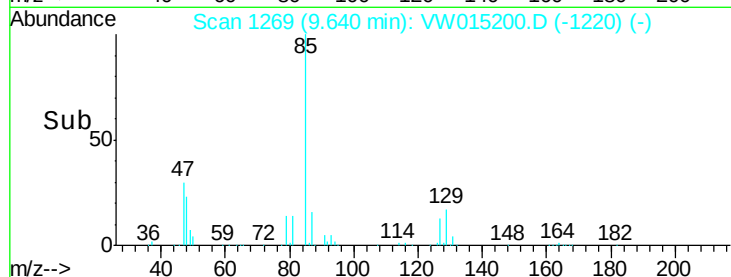
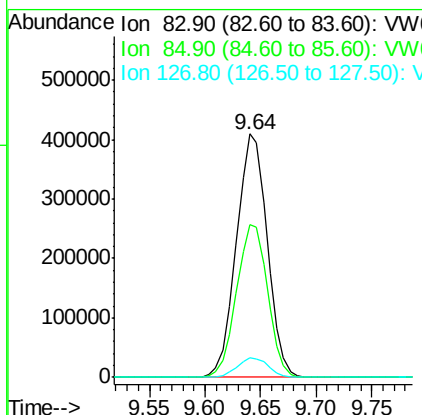
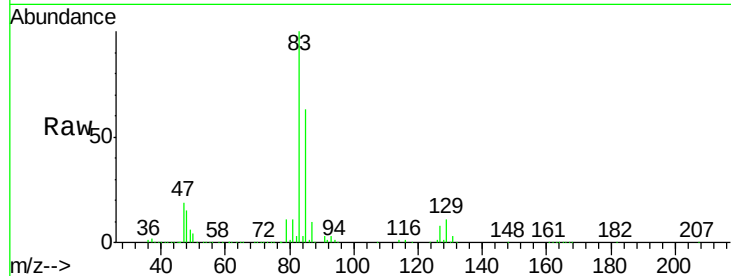




#47
 Bromodichloromethane
 Concen: 86.396 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

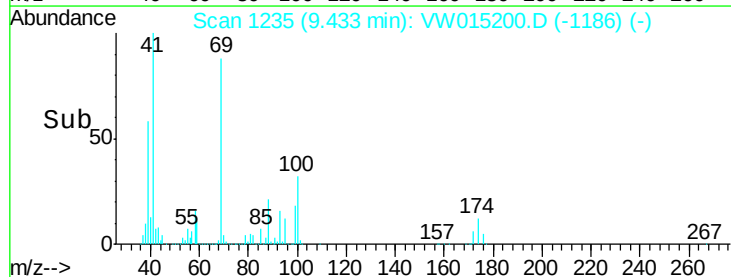
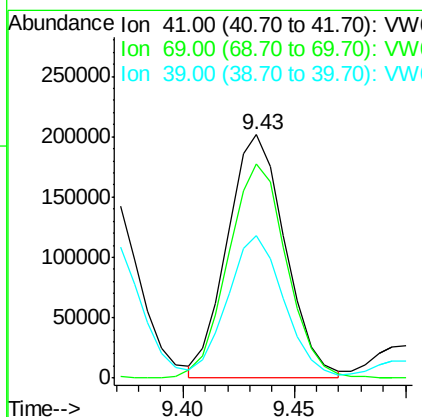
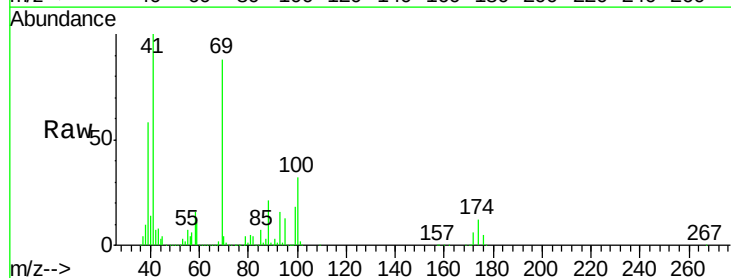
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

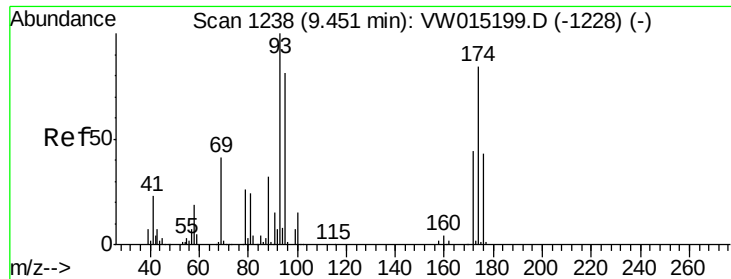
Tot Ion: 83 Resp: 783905
 Ion Ratio Lower Upper
 83 100
 85 62.8 50.6 76.0
 127 8.0 6.7 10.1



#48
 Methyl methacrylate
 Concen: 86.751 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

Tgt Ion: 41 Resp: 363764
 Ion Ratio Lower Upper
 41 100
 69 89.1 70.6 105.8
 39 55.0 42.6 64.0

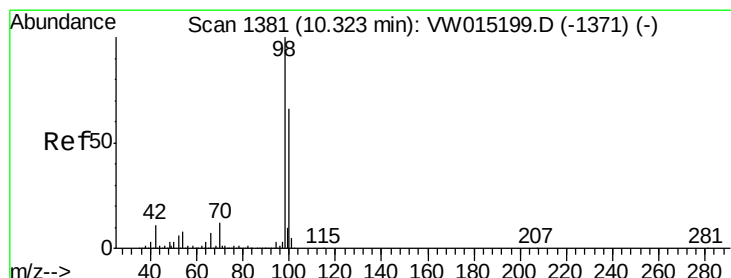
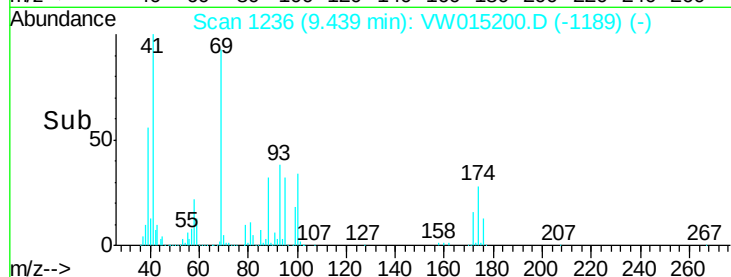
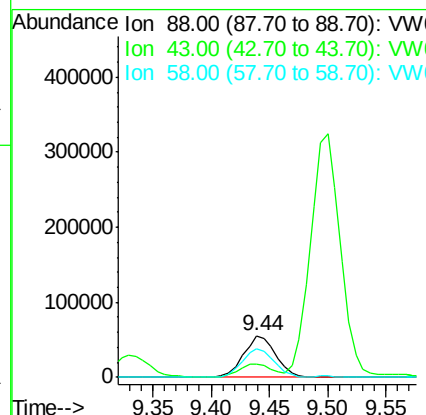
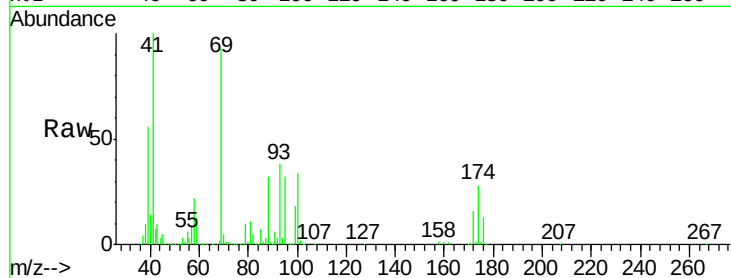




#49
1,4-Dioxane
Concen: 2098.088 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

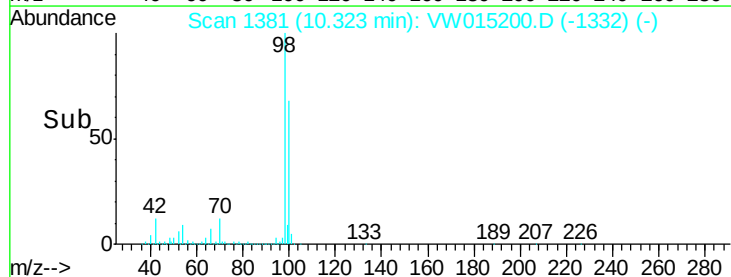
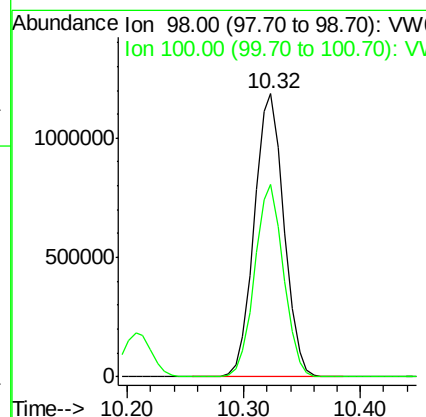
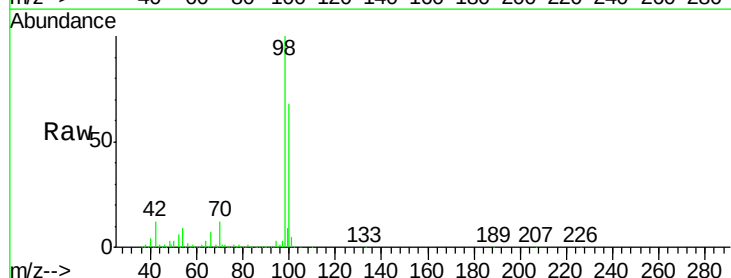
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

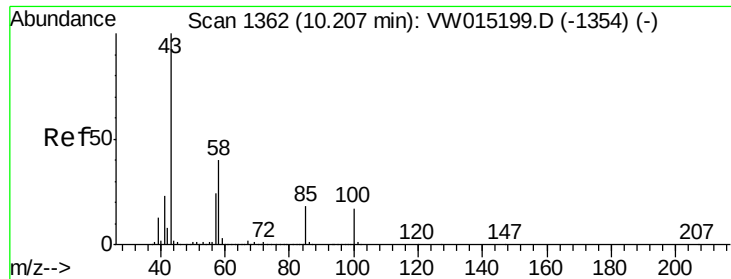
Tot Ion: 88 Resp: 107149
Ion Ratio Lower Upper
88 100
43 33.2 23.5 35.3
58 68.7 55.4 83.2



#50
Toluene-d8
Concen: 92.397 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion: 98 Resp: 2094829
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 398.337 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampled :

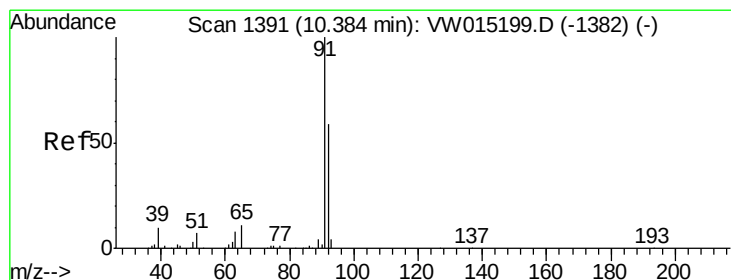
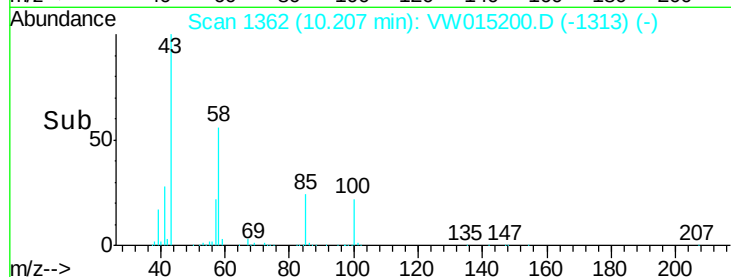
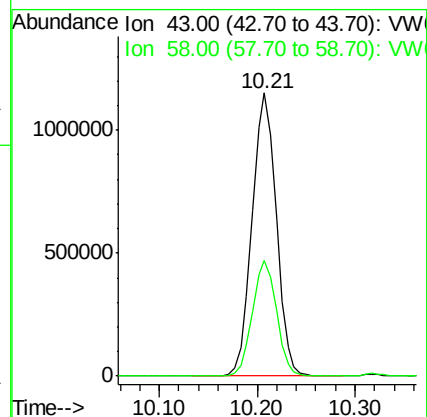
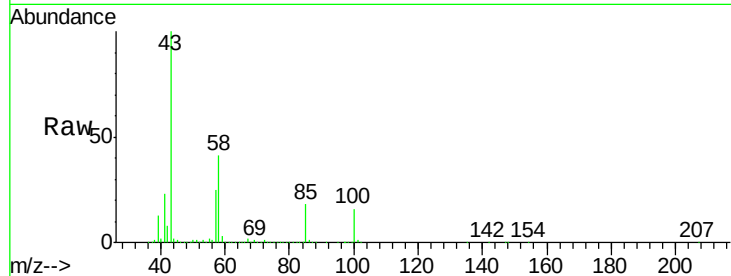
VSTDIC100

Tot Ion: 43 Resp: 1977604

Ion Ratio Lower Upper

43 100

58 40.7 32.3 48.5



#52

Toluene

Concen: 92.945 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015200.D

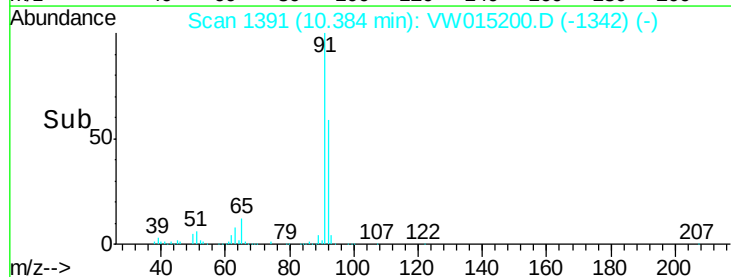
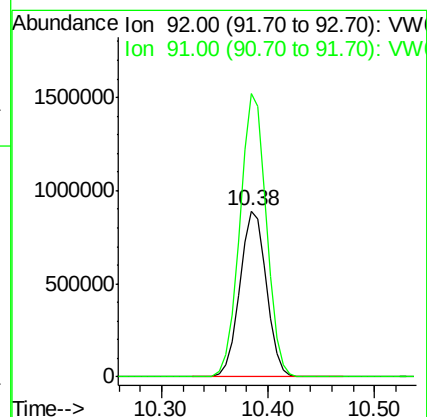
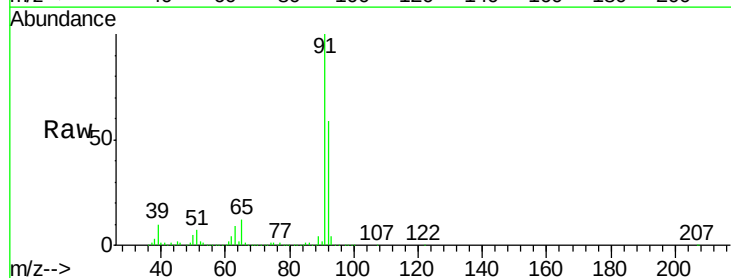
Acq: 15 Apr 2020 13:41

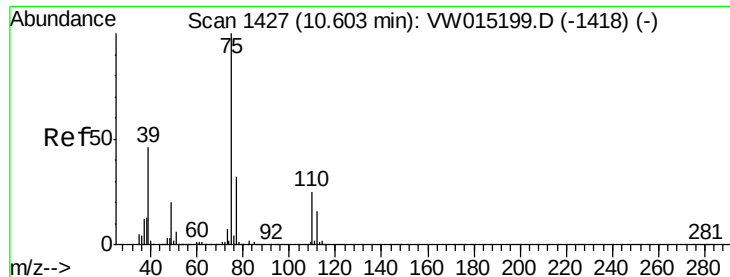
Tgt Ion: 92 Resp: 1559925

Ion Ratio Lower Upper

92 100

91 169.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 93.856 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

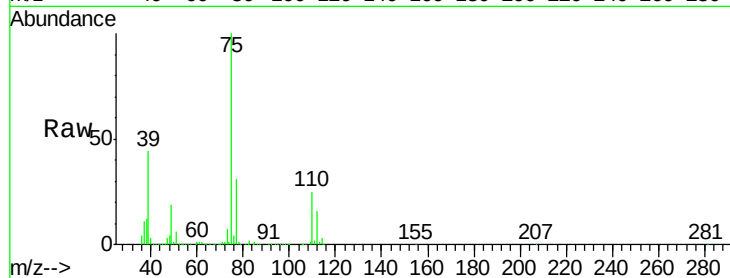
VSTDIC100

Tot Ion: 75 Resp: 838207

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

500000

400000

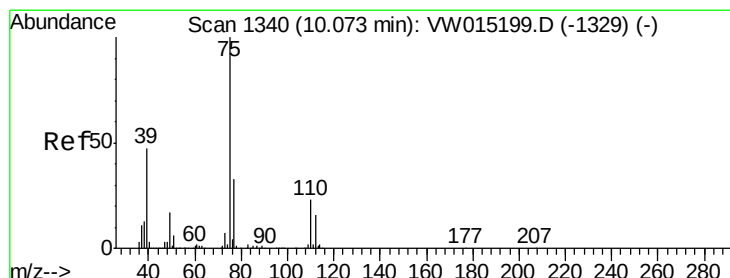
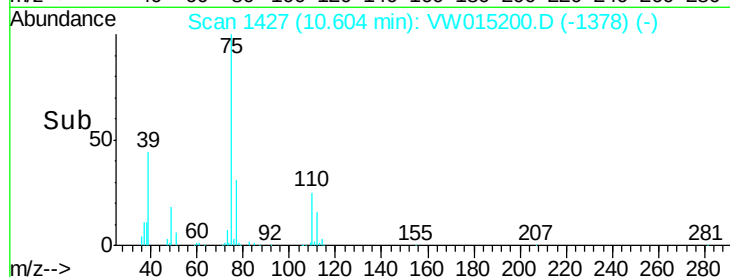
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 90.112 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

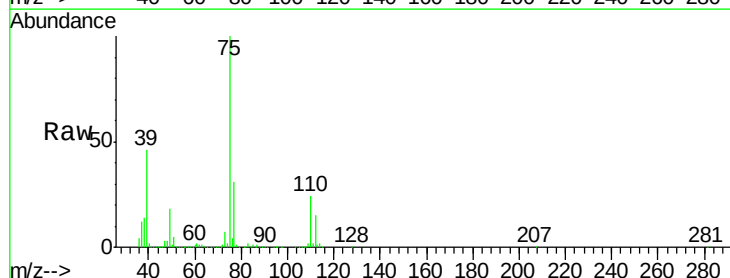
Tgt Ion: 75 Resp: 978953

Ion Ratio Lower Upper

75 100

77 31.3 26.6 39.8

39 45.9 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

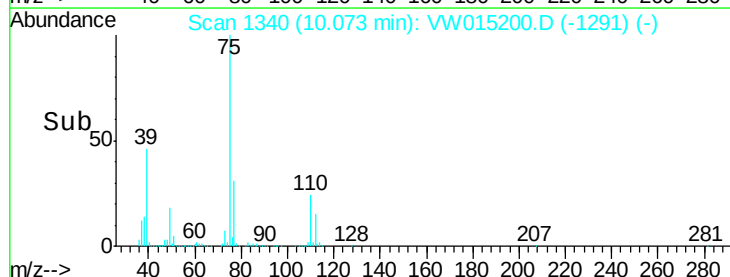
600000

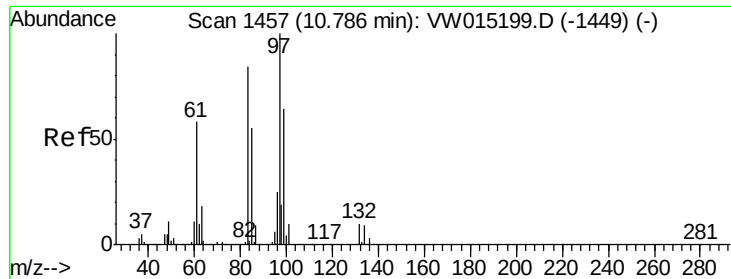
400000

200000

0

Time-->

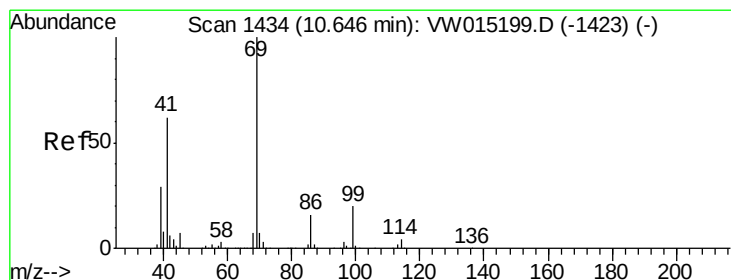
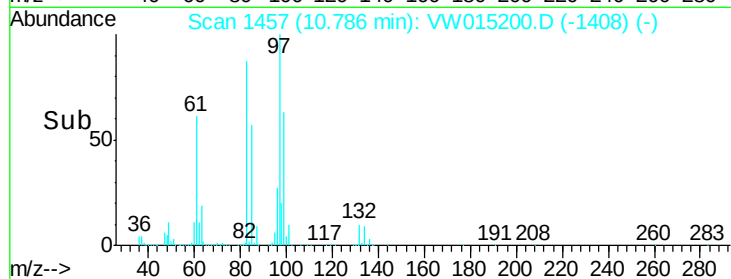
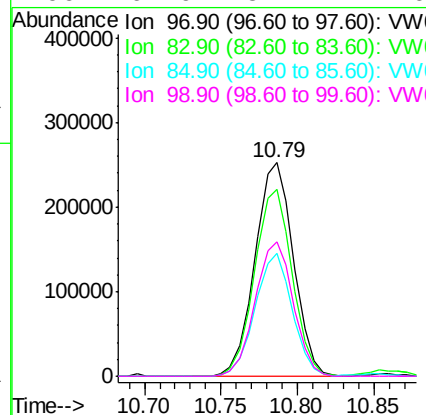
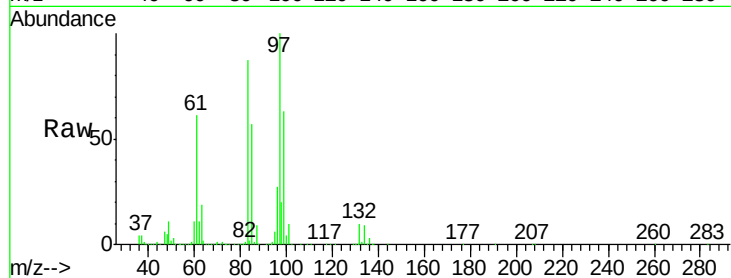




#55
 1,1,2-Trichloroethane
 Concen: 93.923 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

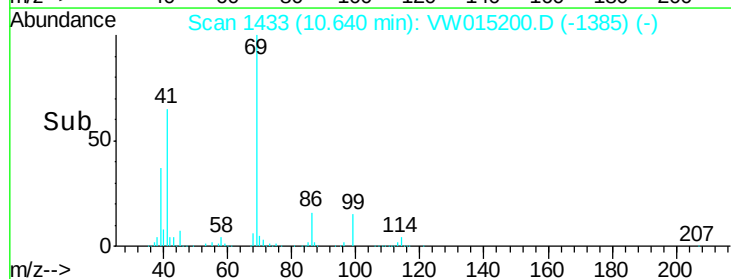
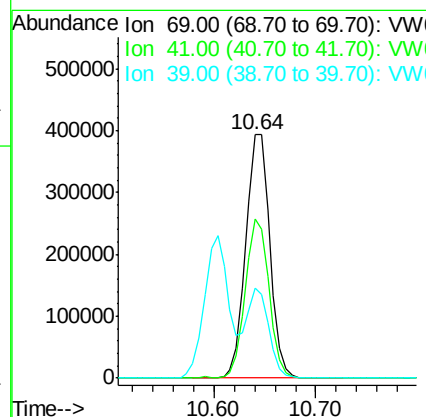
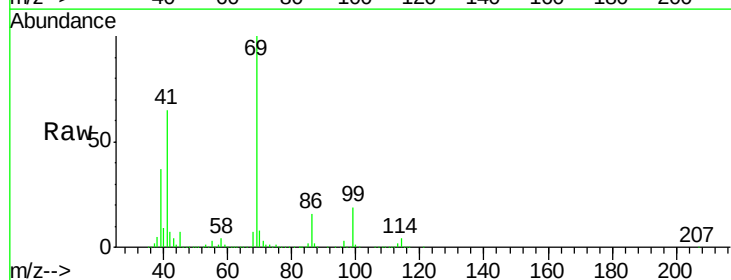
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

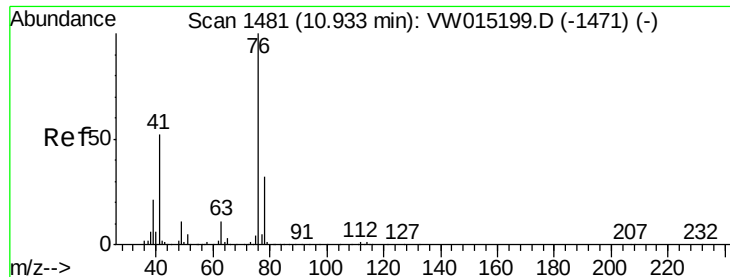
Tot Ion:	97	Resp:	440053
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.3	100.9
85	57.3	43.8	65.8
99	62.9	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 106.810 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

Tgt Ion:	69	Resp:	644298
Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.3	76.9
39	35.0	24.6	37.0





#57

1,3-Dichloropropane

Concen: 88.835 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

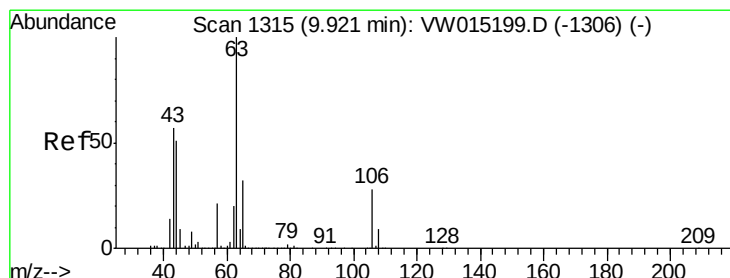
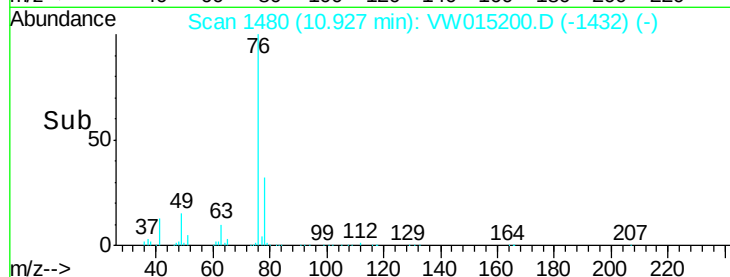
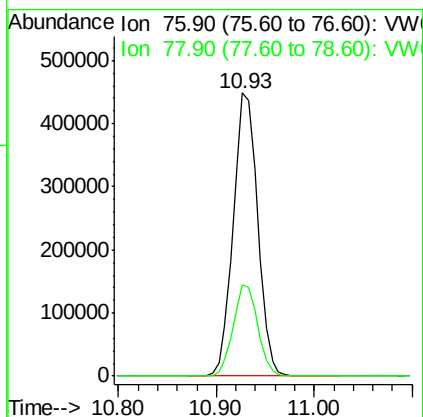
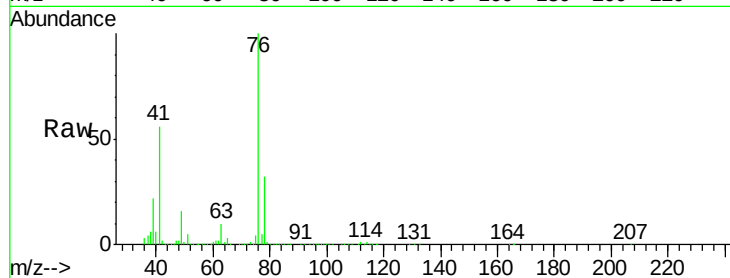
VSTDIC100

Tot Ion: 76 Resp: 780255

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 451.854 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW015200.D

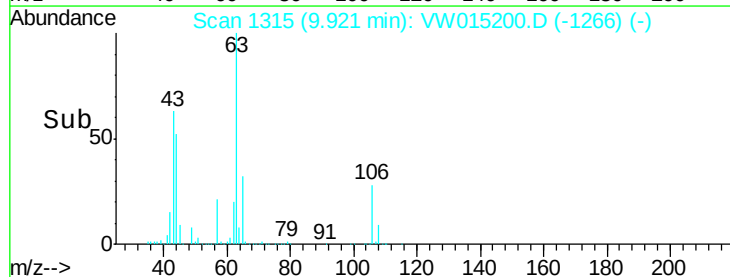
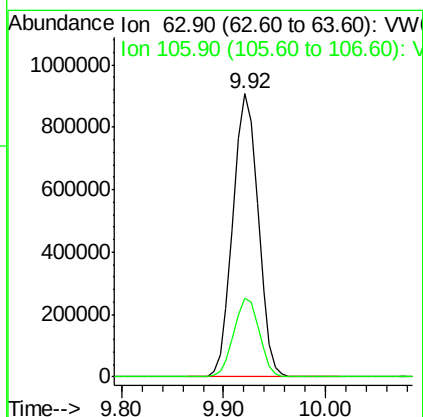
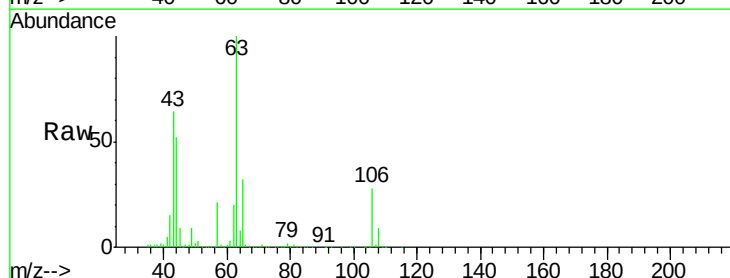
Acq: 15 Apr 2020 13:41

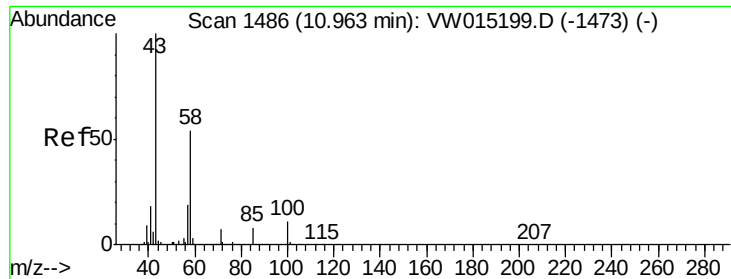
Tgt Ion: 63 Resp: 1556201

Ion Ratio Lower Upper

63 100

106 27.9 22.6 33.8

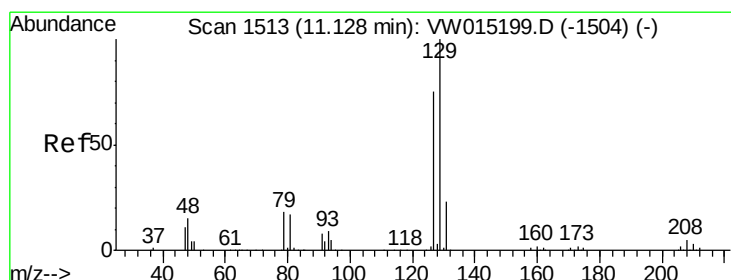
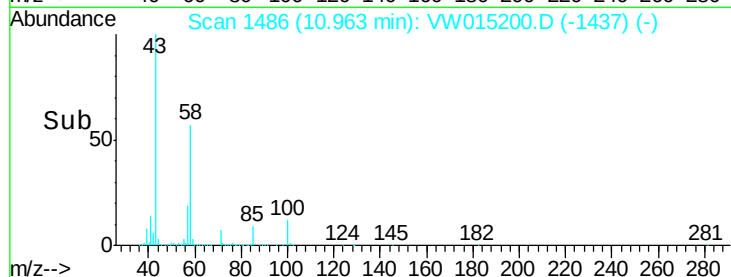
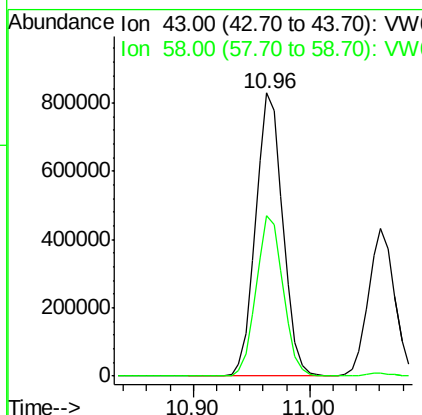
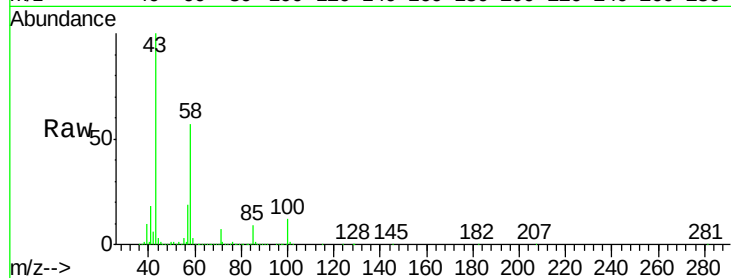




#59
2-Hexanone
Concen: 437.197 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

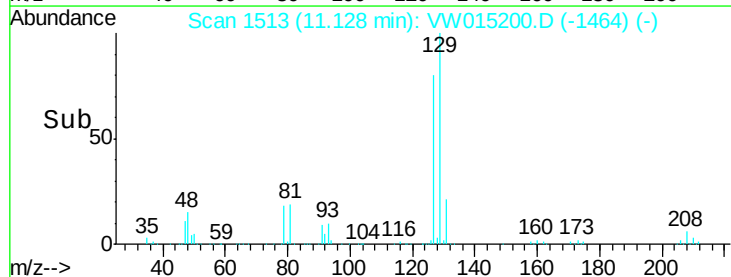
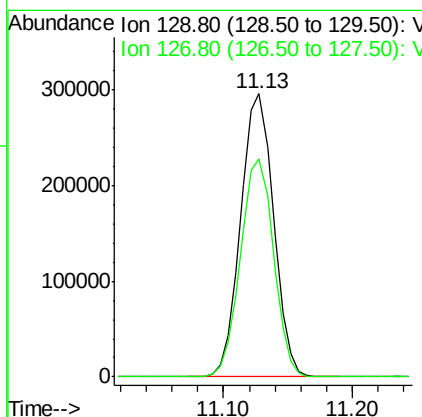
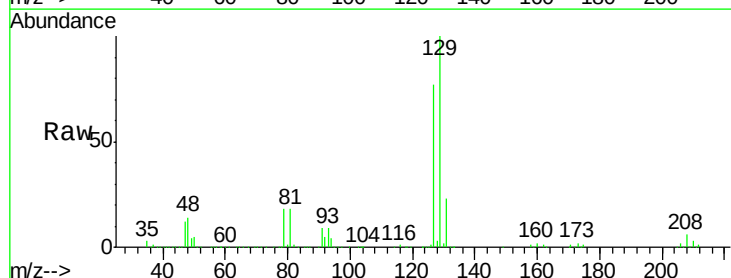
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

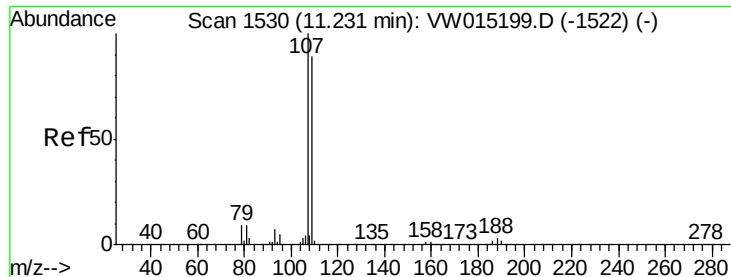
Tot Ion: 43 Resp: 1346487
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 105.725 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion: 129 Resp: 523785
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8

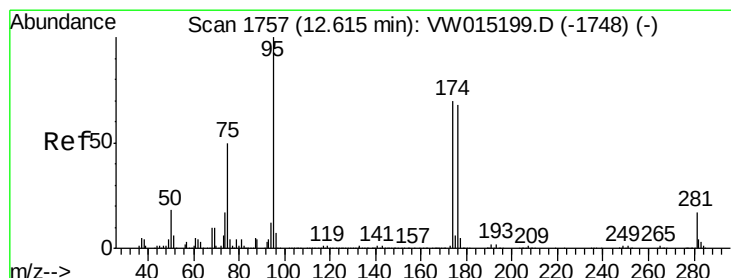
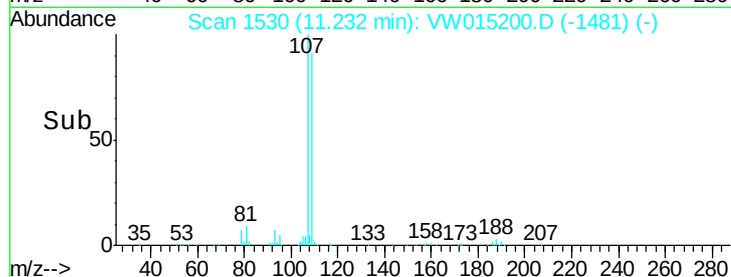
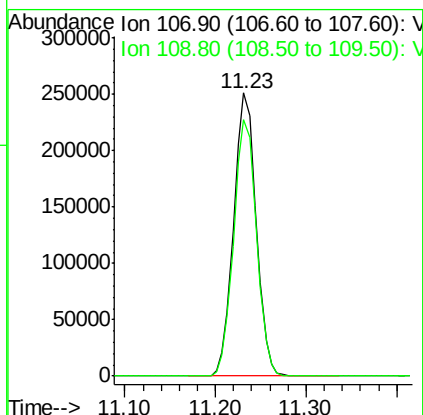
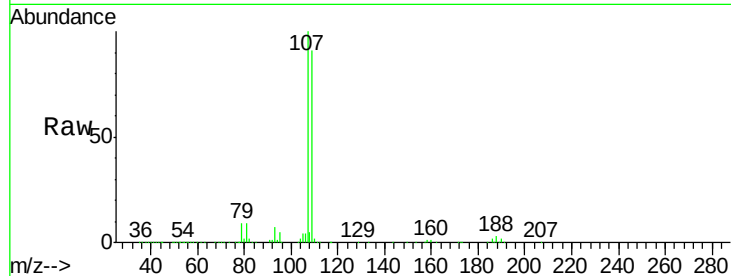




#61
 1,2-Dibromoethane
 Concen: 102.985 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

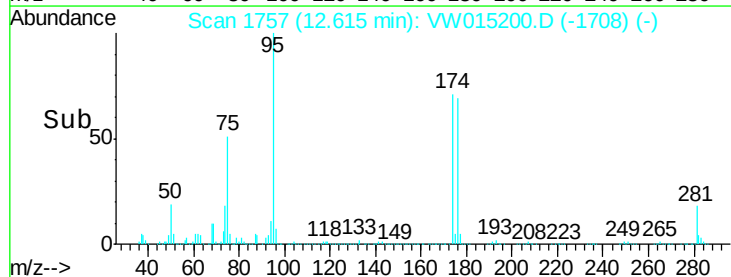
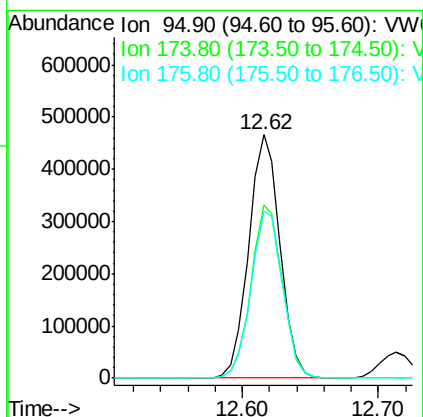
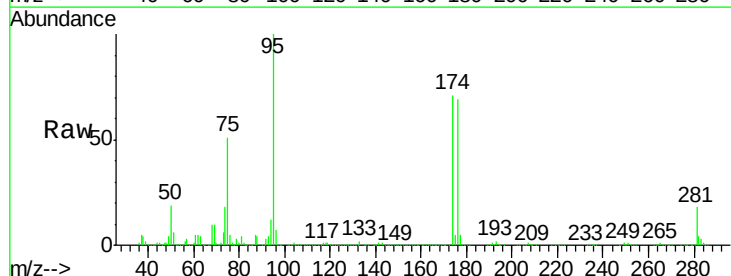
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

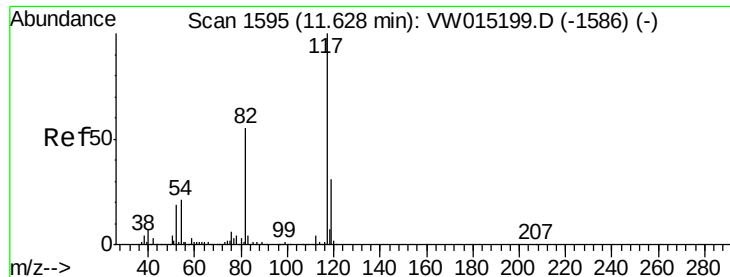
Tot Ion:107 Resp: 433052
 Ion Ratio Lower Upper
 107 100
 109 92.4 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 99.141 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

Tgt Ion: 95 Resp: 749149
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 144.4
 176 69.3 0.0 140.6

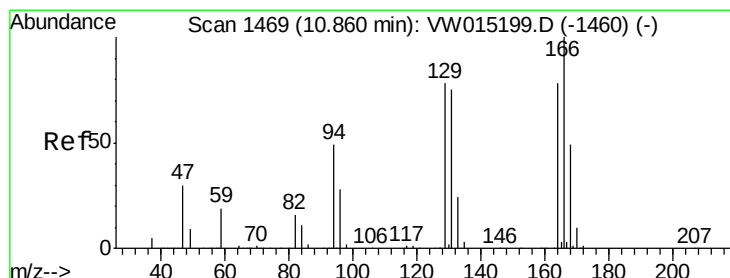
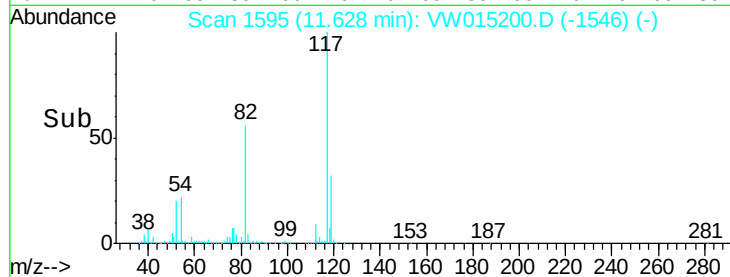
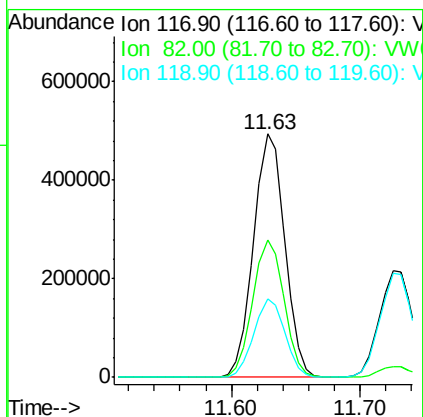
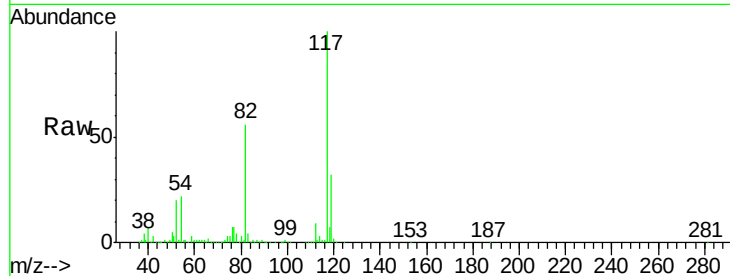




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

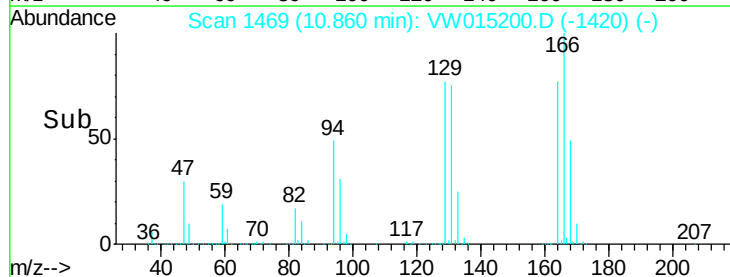
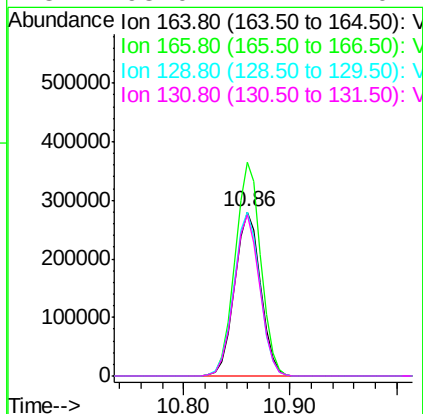
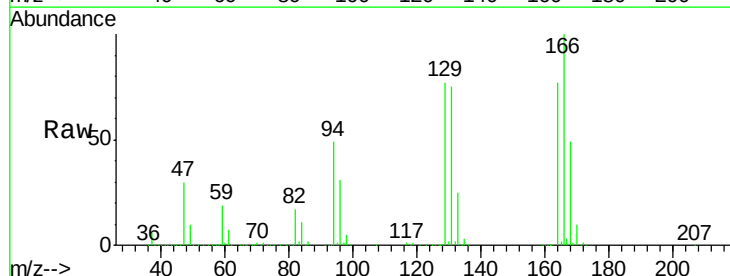
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

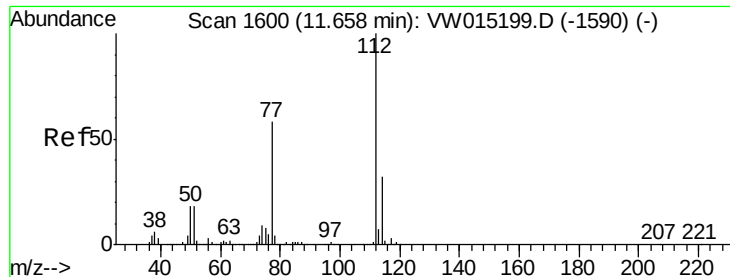
Tot Ion:117 Resp: 829805
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 32.3 24.9 37.3



#64
Tetrachloroethene
Concen: 99.787 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion:164 Resp: 480033
Ion Ratio Lower Upper
164 100
166 130.0 102.6 154.0
129 99.9 80.2 120.2
131 98.0 77.4 116.2

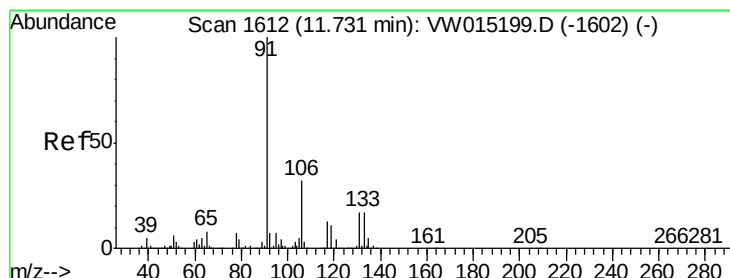
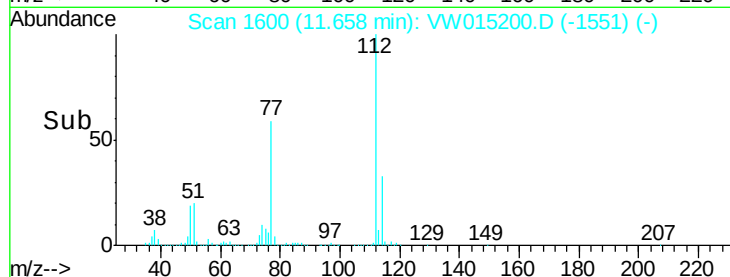
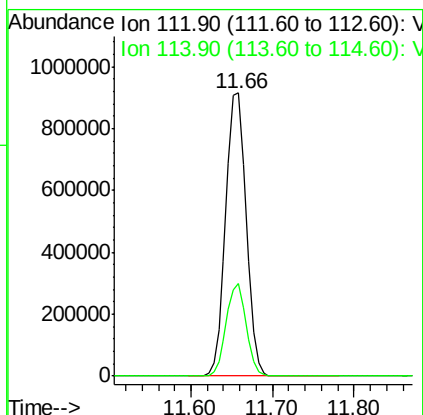
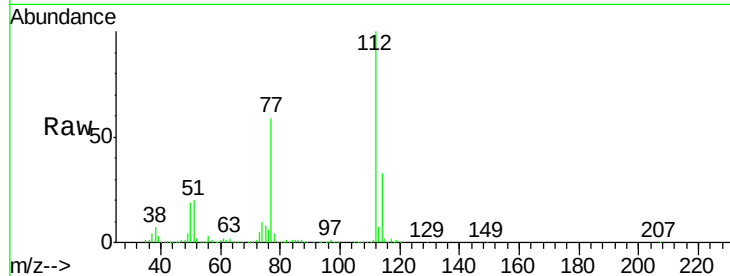




#65
Chlorobenzene
Concen: 96.227 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

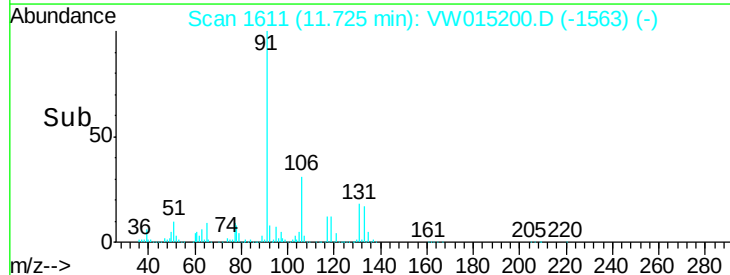
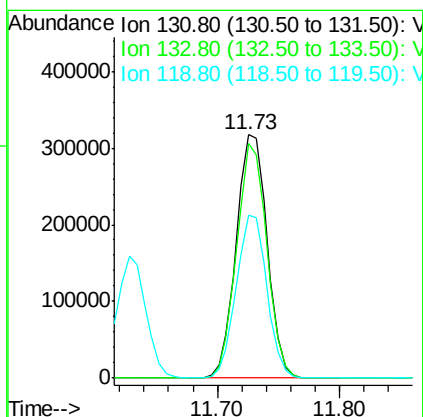
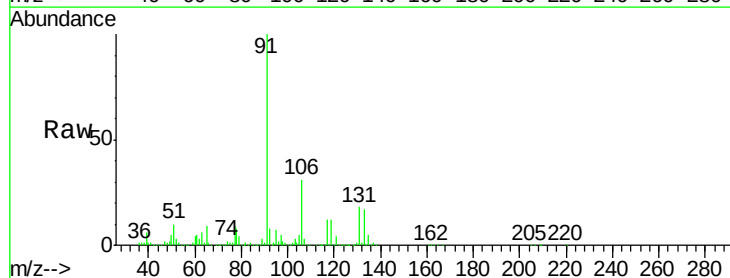
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

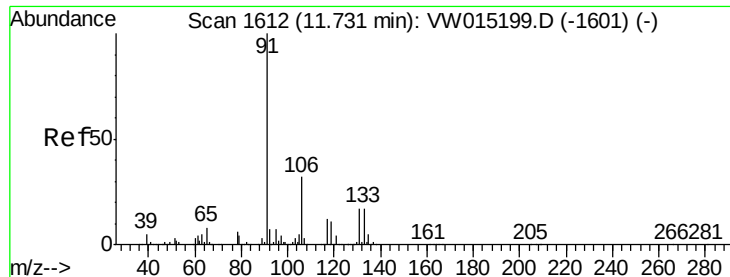
Tot Ion:112 Resp: 1589593
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 100.395 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion:131 Resp: 555396
Ion Ratio Lower Upper
131 100
133 94.3 47.7 143.1
119 66.4 34.0 101.8

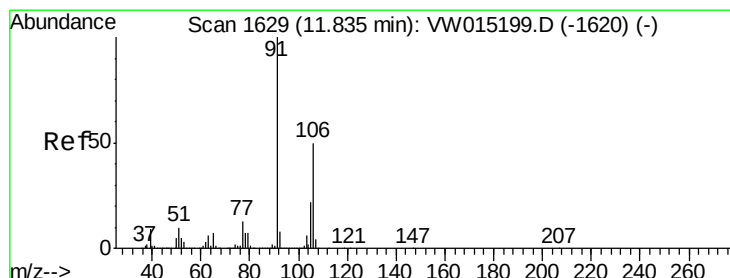
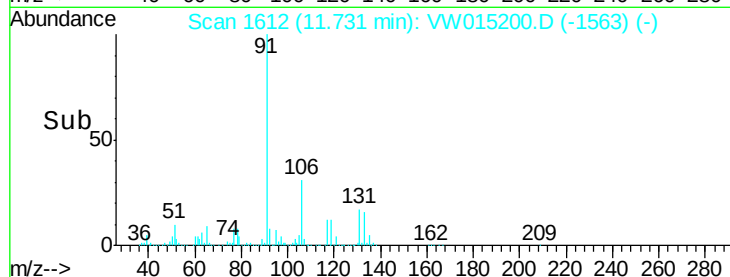
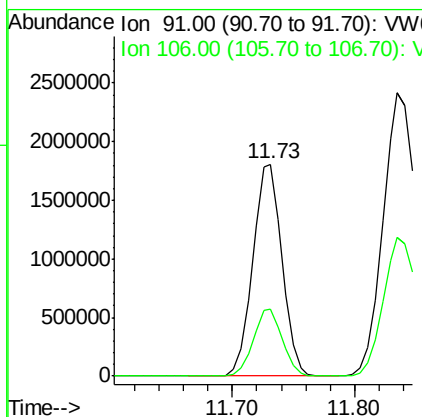
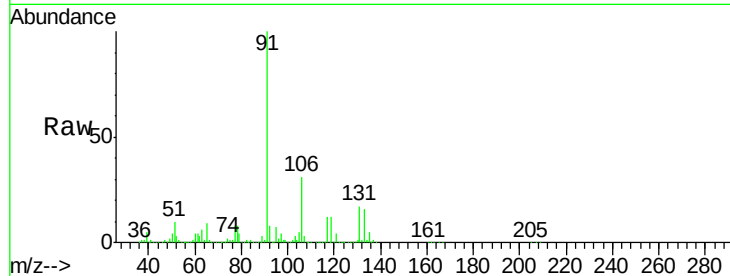




#67
Ethyl Benzene
Concen: 94.546 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

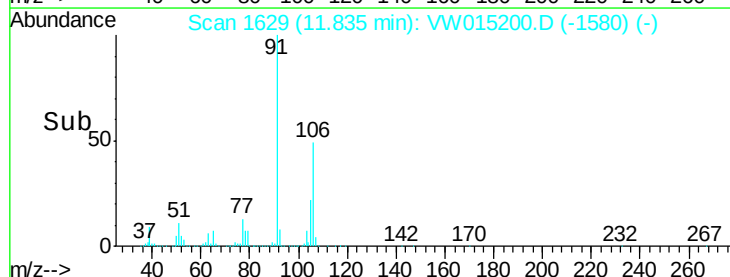
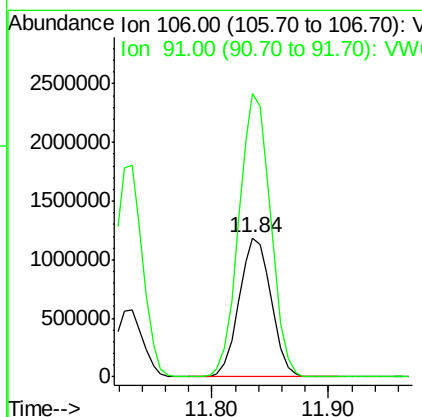
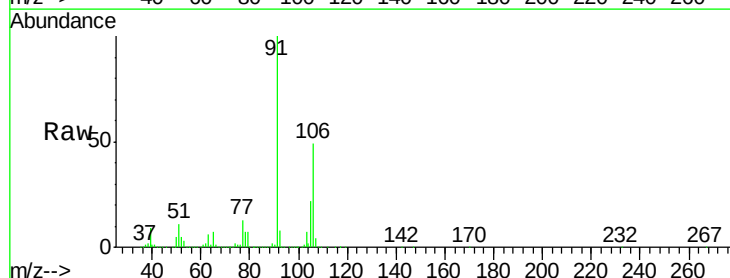
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

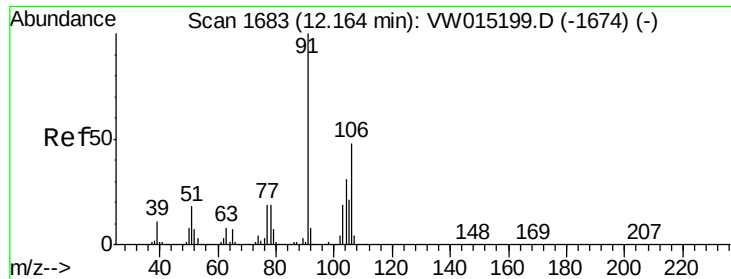
Tot Ion: 91 Resp: 3004604
Ion Ratio Lower Upper
91 100
106 31.4 25.7 38.5



#68
m/p-Xylenes
Concen: 198.767 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion:106 Resp: 2259280
Ion Ratio Lower Upper
106 100
91 202.3 160.0 240.0

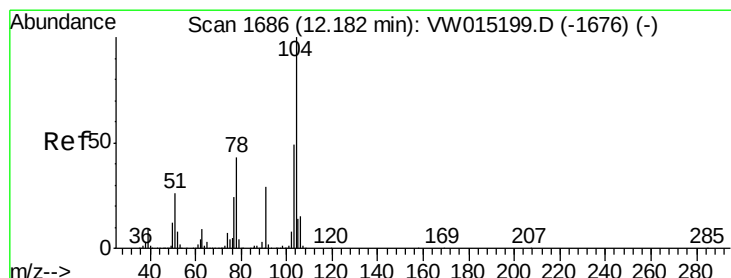
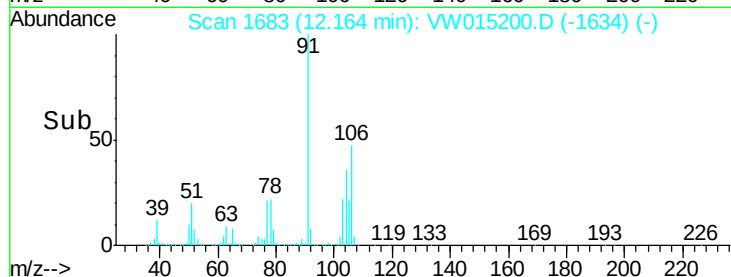
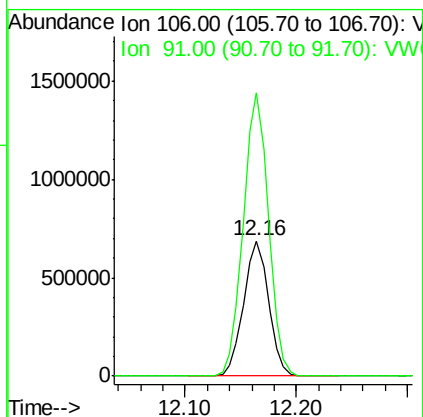
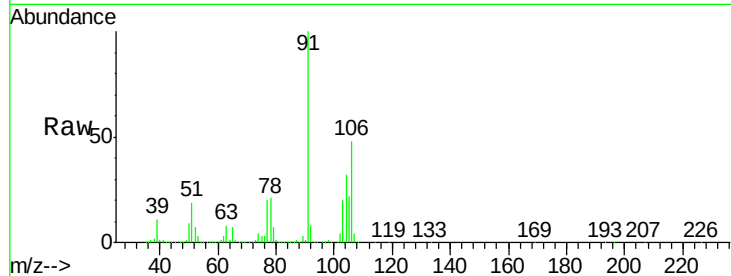




#69
o-Xylene
Concen: 104.228 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

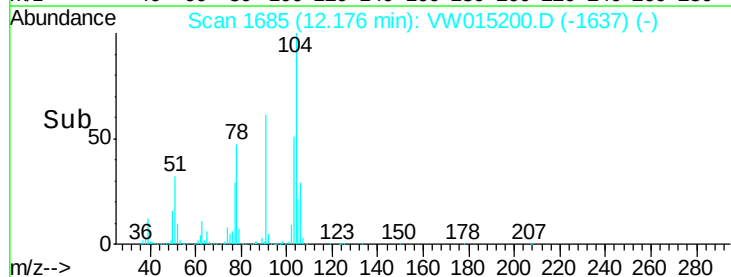
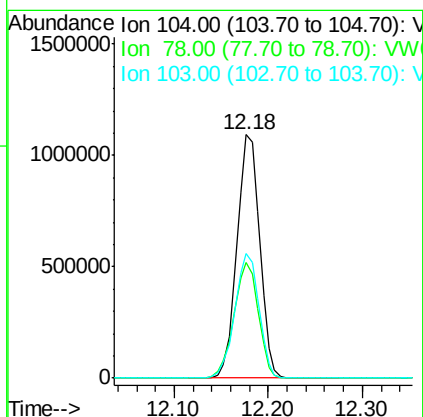
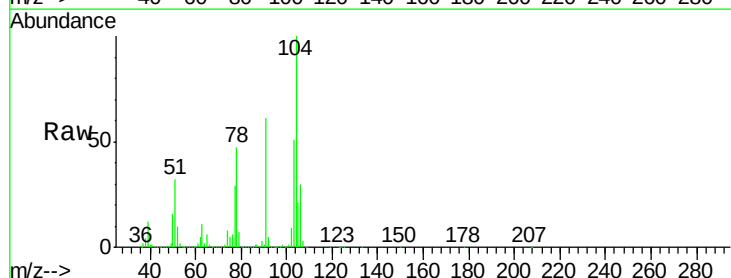
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

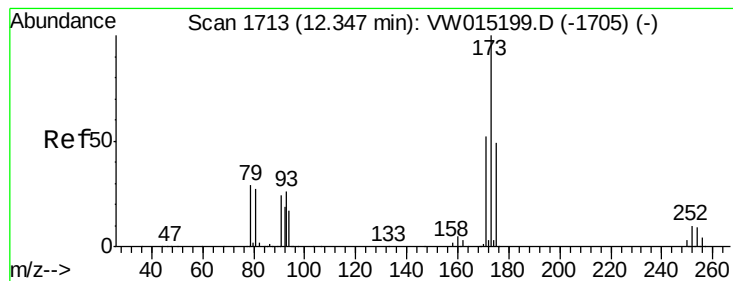
Tot Ion:106 Resp: 1074111
Ion Ratio Lower Upper
106 100
91 210.3 105.7 317.1



#70
Styrene
Concen: 104.254 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion:104 Resp: 1832043
Ion Ratio Lower Upper
104 100
78 50.7 39.8 59.6
103 54.3 43.8 65.6





#71

Bromoform

Concen: 118.084 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

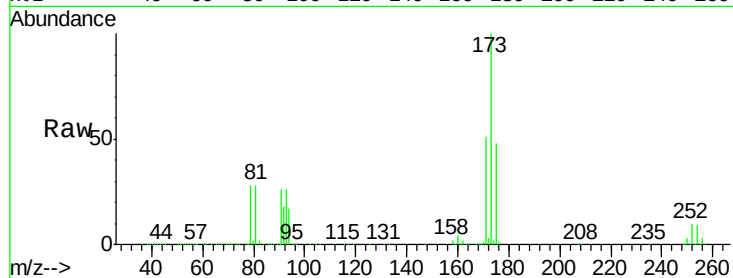
Tot Ion:173 Resp: 294782

Ion Ratio Lower Upper

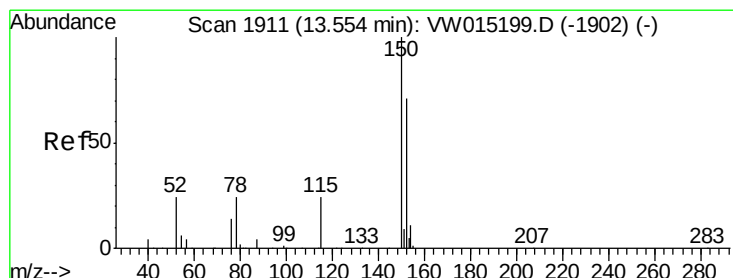
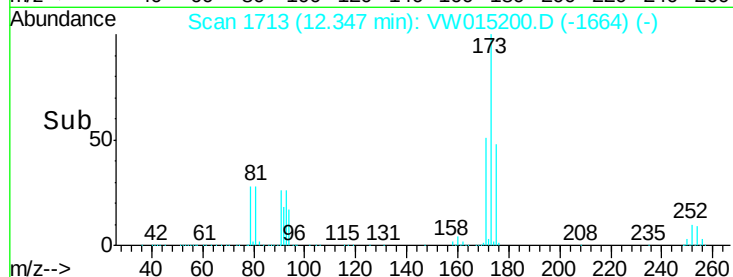
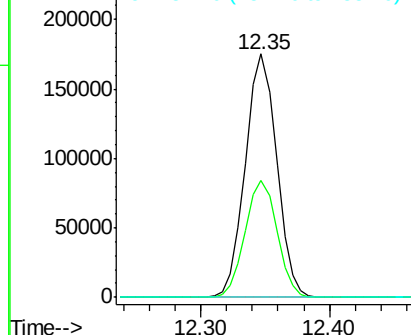
173 100

175 49.0 25.1 75.4

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

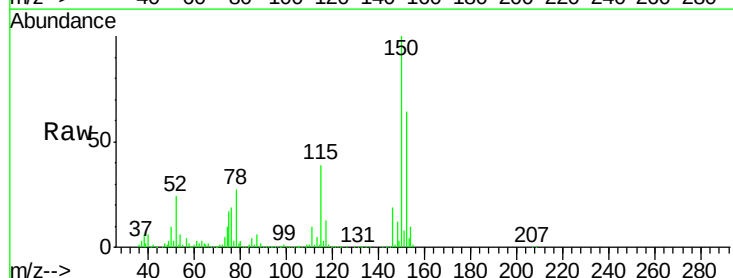
Tgt Ion:152 Resp: 387454

Ion Ratio Lower Upper

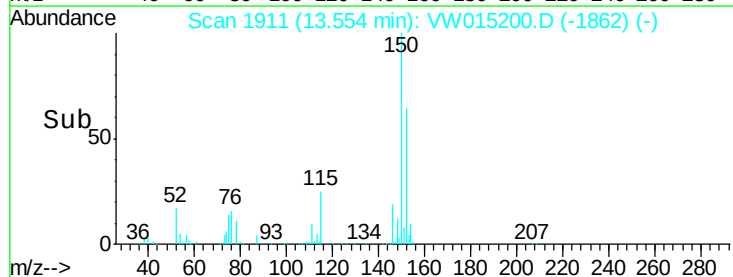
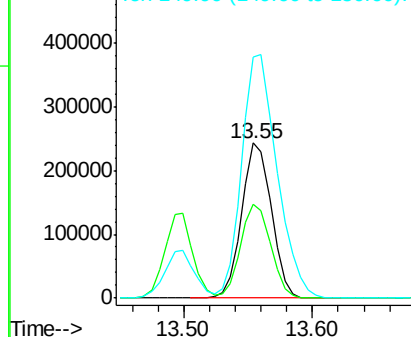
152 100

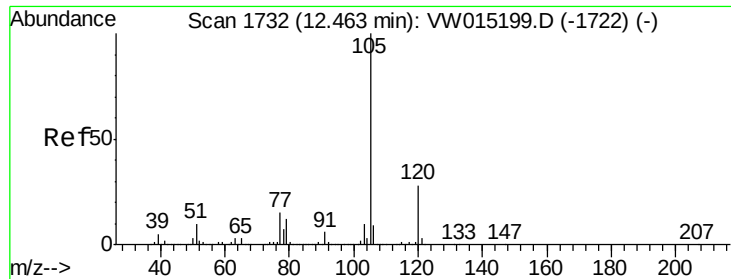
115 61.0 31.3 93.9

150 186.6 0.0 343.4



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





#73

Isopropylbenzene

Concen: 99.748 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

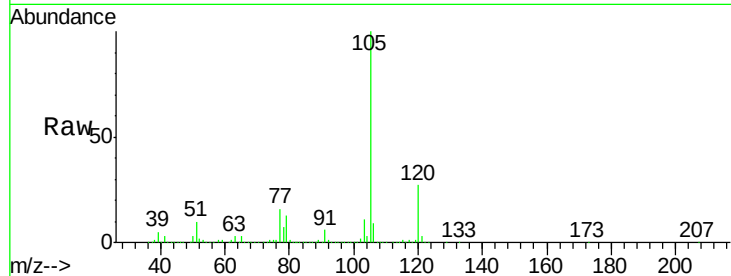
VSTDIC100

Tot Ion:105 Resp: 2924942

Ion Ratio Lower Upper

105 100

120 26.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

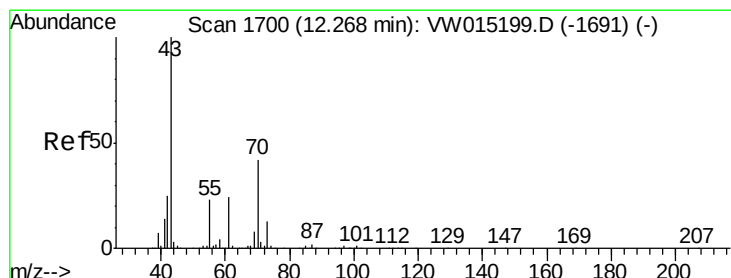
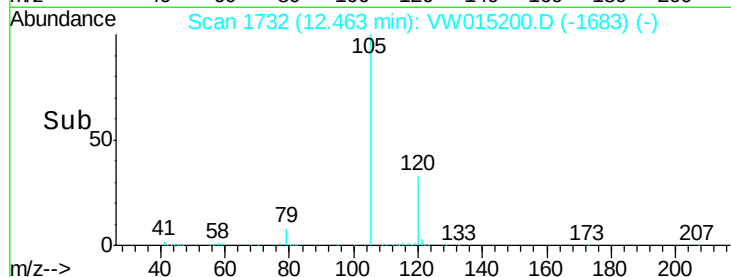
1000000

500000

0

12.40 12.50

Time-->



#74

N-ethyl acetate

Concen: 93.392 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Tgt Ion: 43 Resp: 776725

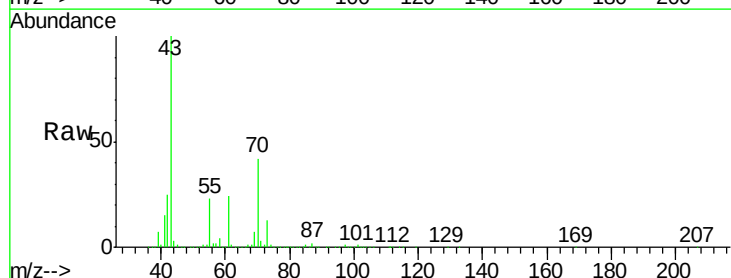
Ion Ratio Lower Upper

43 100

70 43.2 35.4 53.2

55 22.8 18.5 27.7

61 24.9 20.3 30.5



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

800000

600000

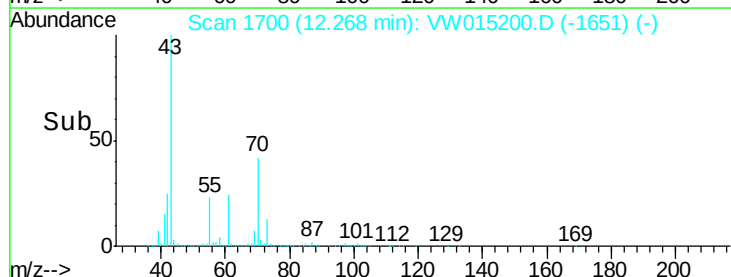
400000

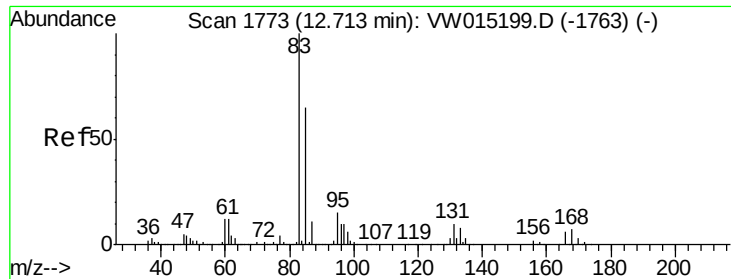
200000

0

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 91.970 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

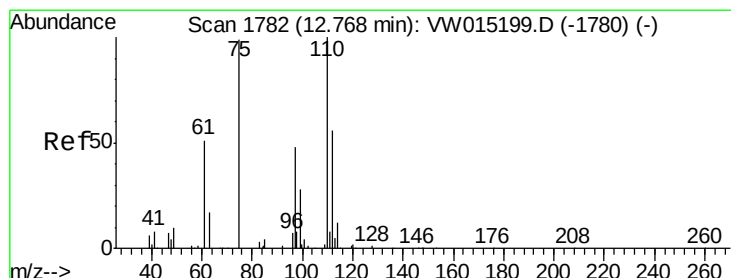
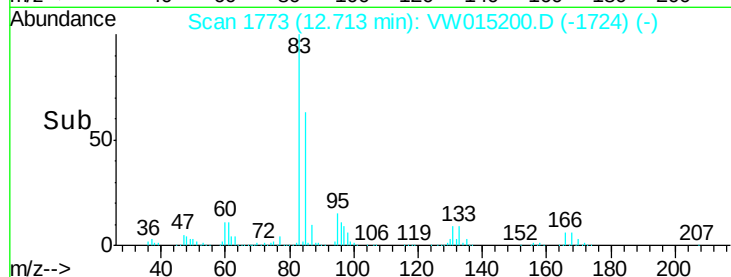
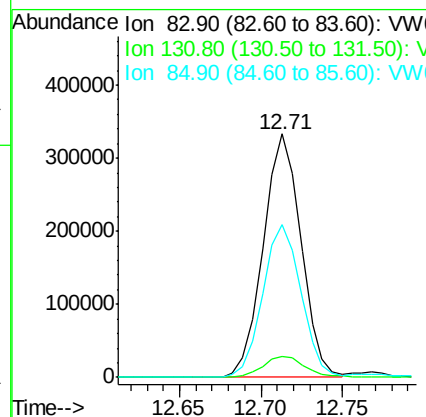
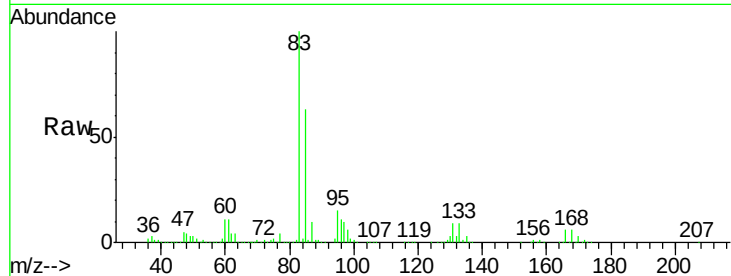
Tot Ion: 83 Resp: 535100

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

85 63.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 76.945 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015200.D

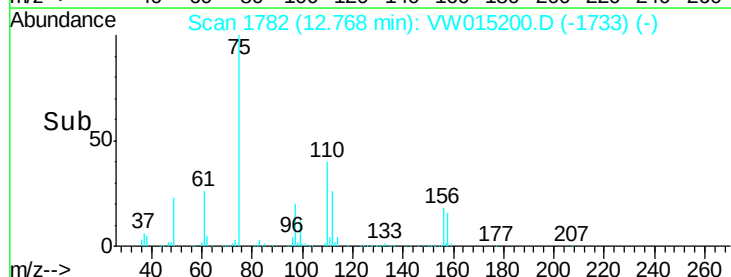
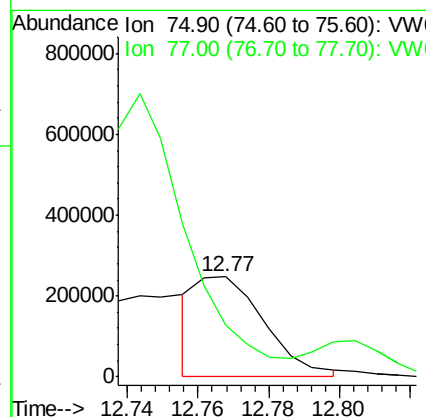
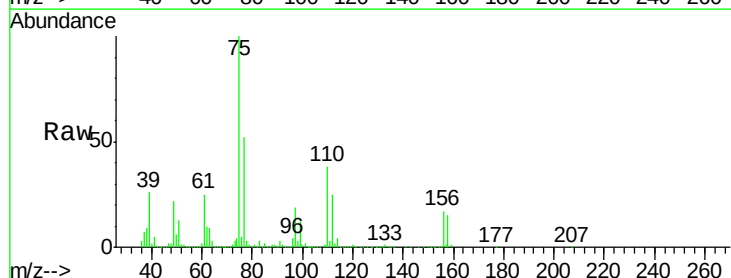
Acq: 15 Apr 2020 13:41

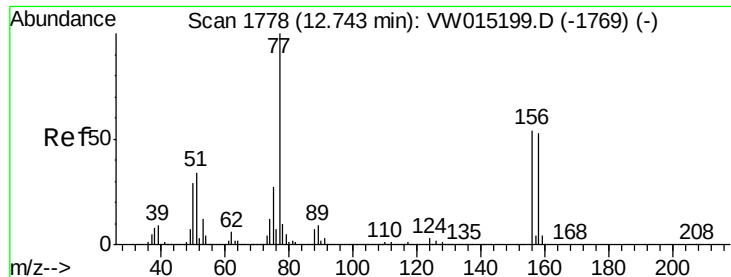
Tgt Ion: 75 Resp: 328409

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 101.801 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

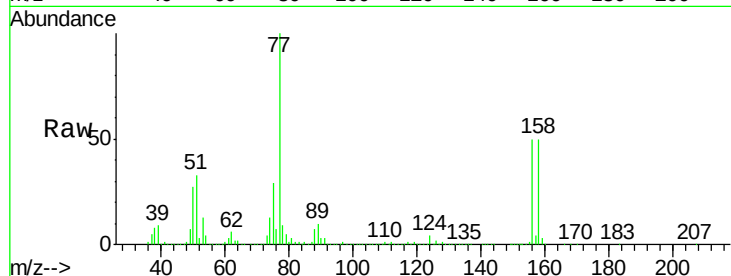
Tot Ion:156 Resp: 600024

Ion Ratio Lower Upper

156 100

77 210.6 100.5 301.5

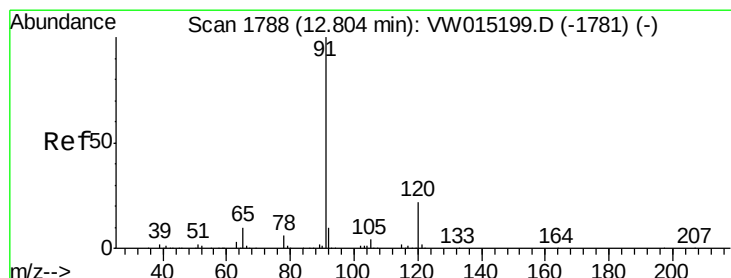
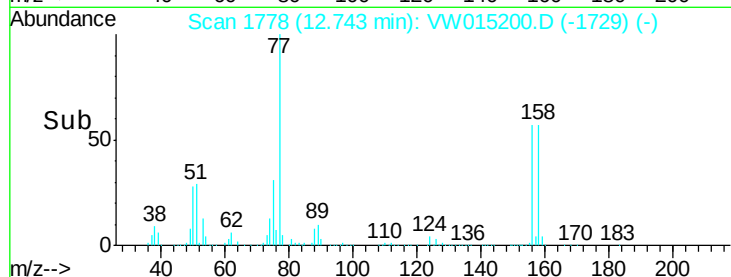
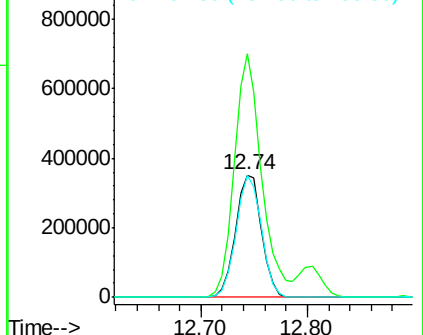
158 97.3 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 93.630 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015200.D

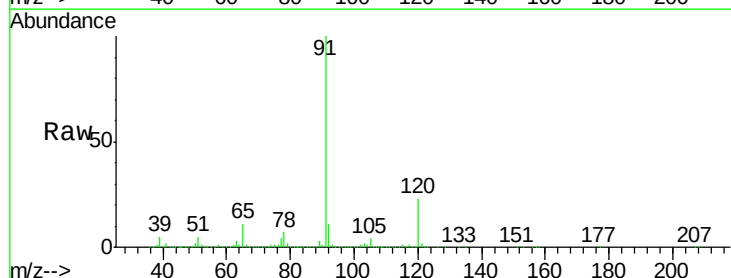
Acq: 15 Apr 2020 13:41

Tgt Ion: 91 Resp: 3530384

Ion Ratio Lower Upper

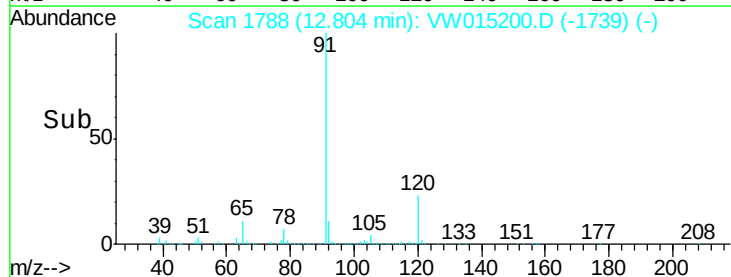
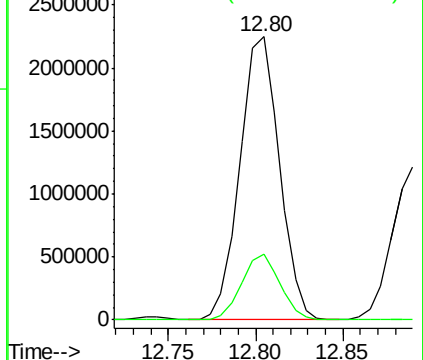
91 100

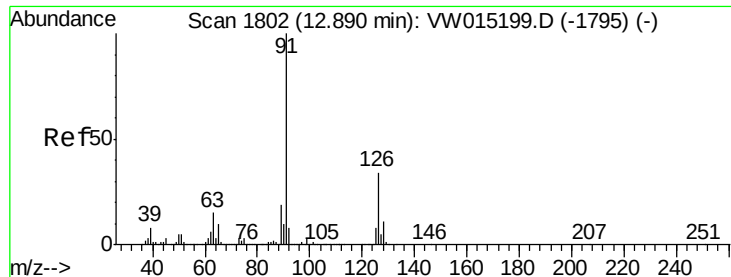
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 92.278 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

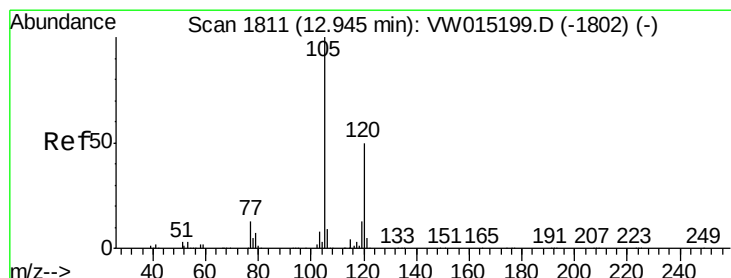
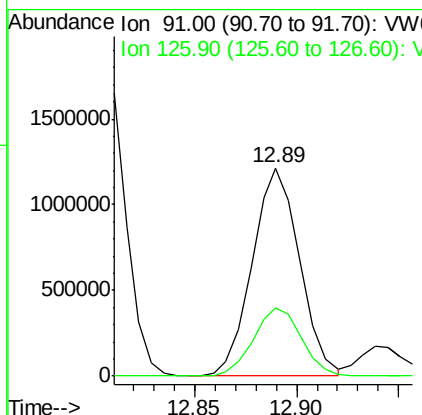
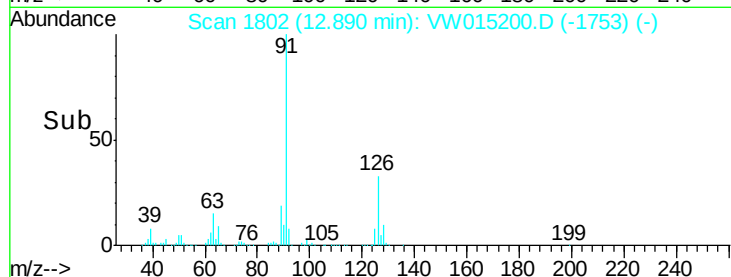
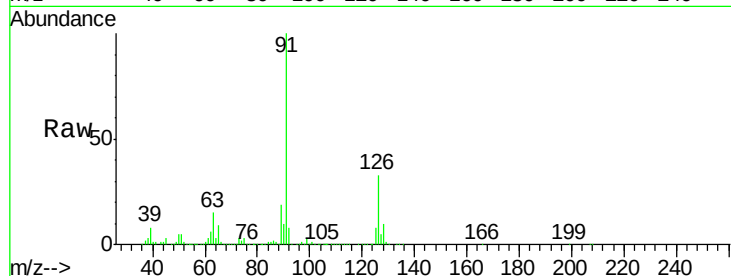
VSTDIC100

Tot Ion: 91 Resp: 1958483

Ion Ratio Lower Upper

91 100

126 33.2 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 98.391 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW015200.D

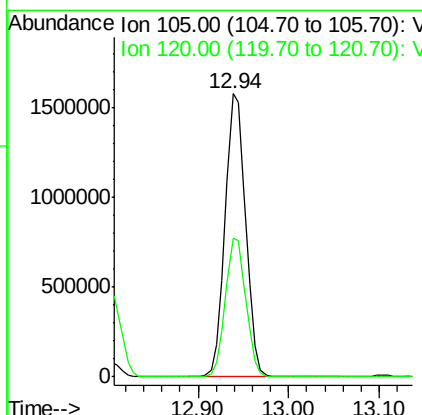
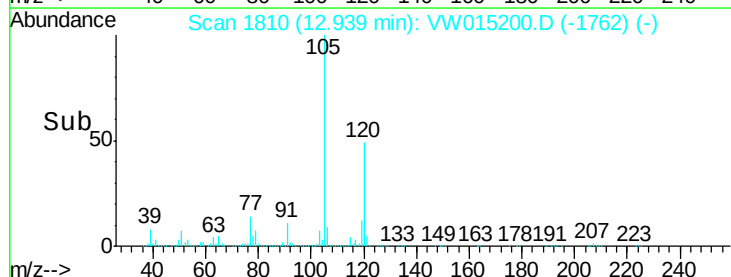
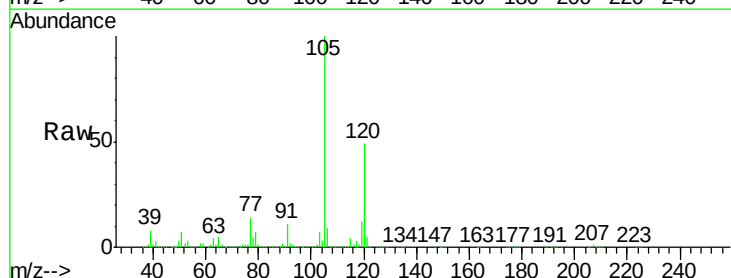
Acq: 15 Apr 2020 13:41

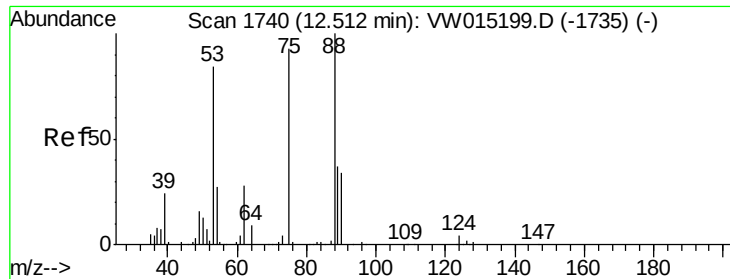
Tgt Ion:105 Resp: 2472524

Ion Ratio Lower Upper

105 100

120 48.9 24.9 74.8

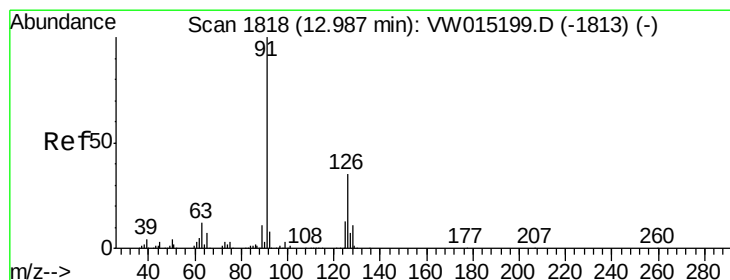
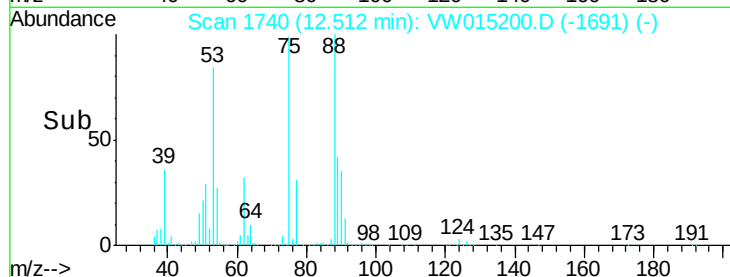
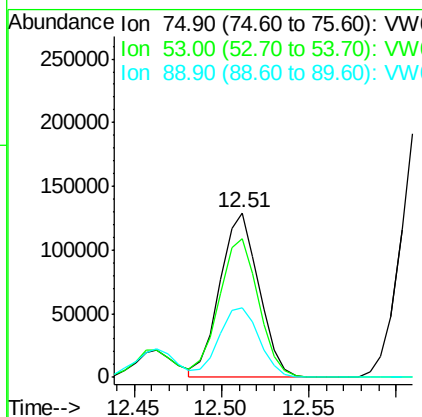
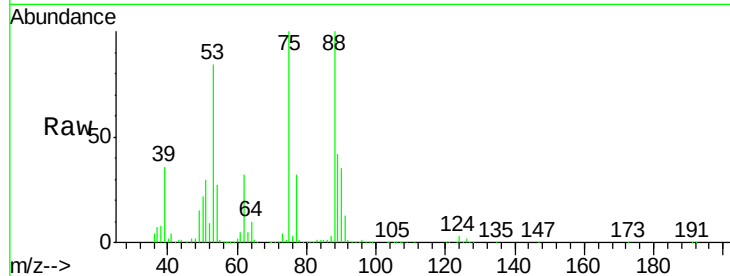




#81
trans-1,4-Dichloro-2-butene
Concen: 104.521 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

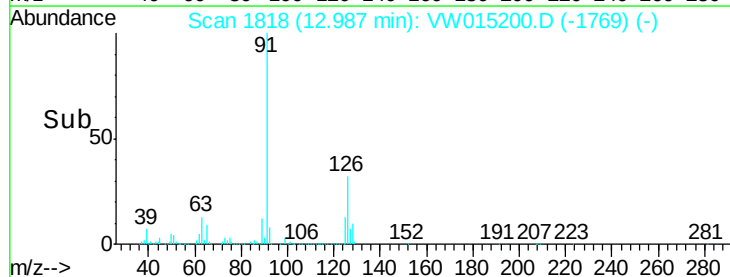
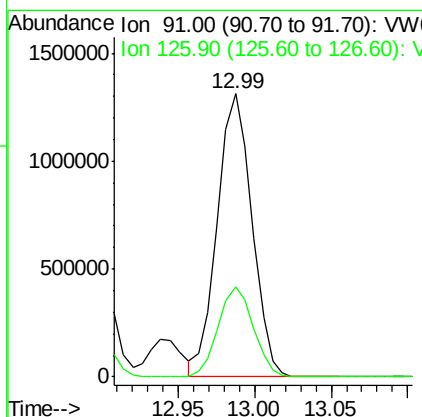
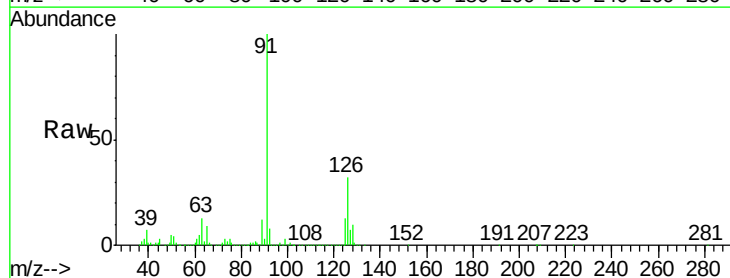
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

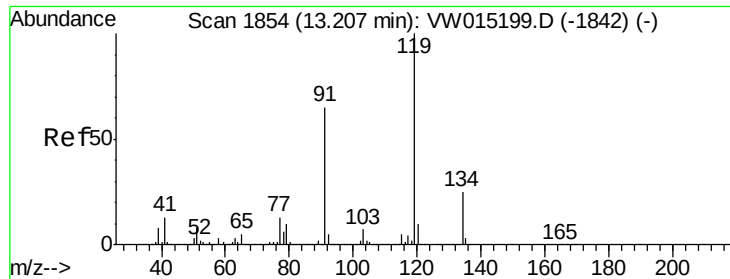
Tot Ion: 75 Resp: 198956
Ion Ratio Lower Upper
75 100
53 86.1 69.4 104.2
89 44.7 34.8 52.2



#82
4-Chlorotoluene
Concen: 91.417 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion: 91 Resp: 2066750
Ion Ratio Lower Upper
91 100
126 32.3 16.8 50.3

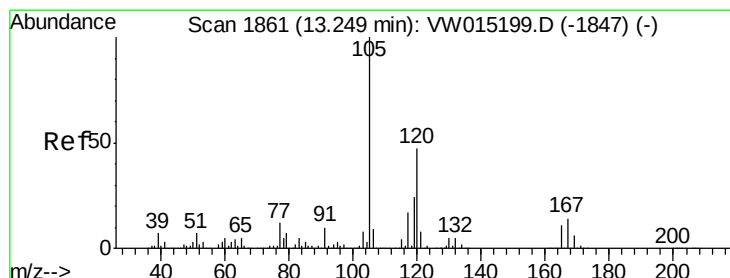
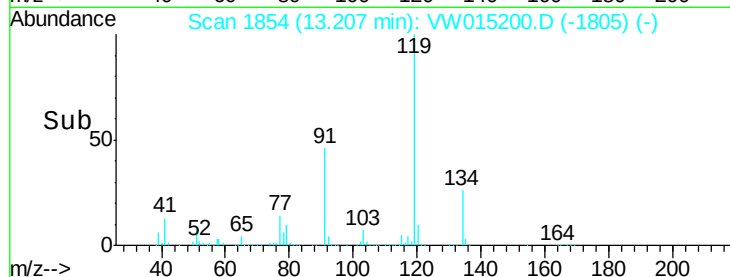
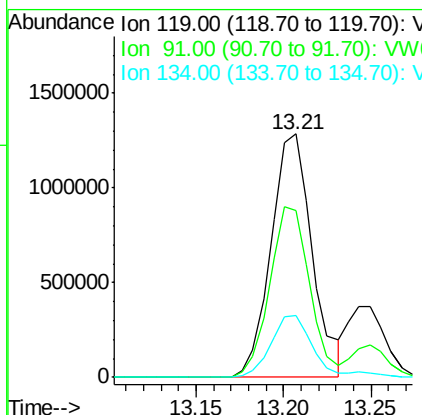
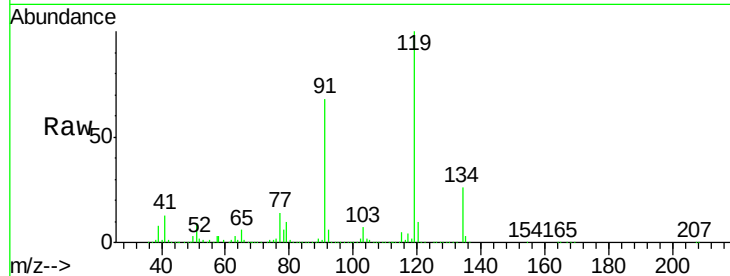




#83
tert-Butylbenzene
Concen: 102.865 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

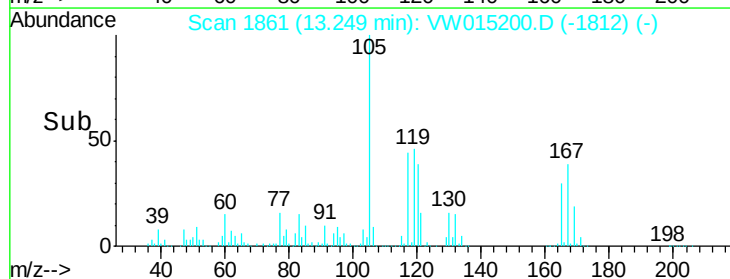
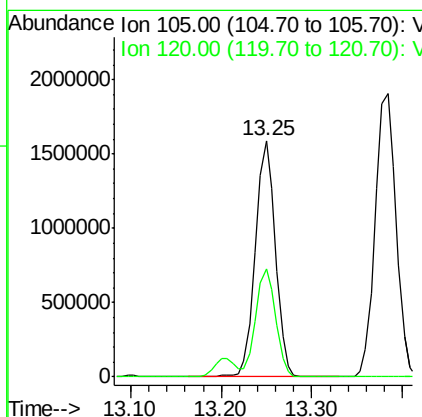
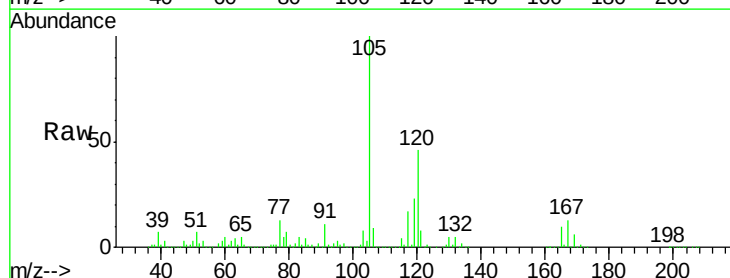
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

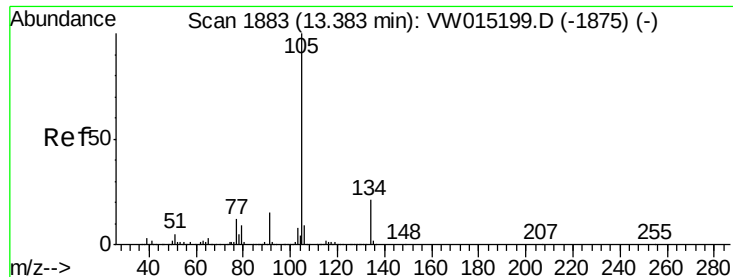
Tot Ion:119 Resp: 2117527
Ion Ratio Lower Upper
119 100
91 67.8 32.8 98.3
134 25.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 96.834 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015200.D
Acq: 15 Apr 2020 13:41

Tgt Ion:105 Resp: 2432796
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 98.688 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

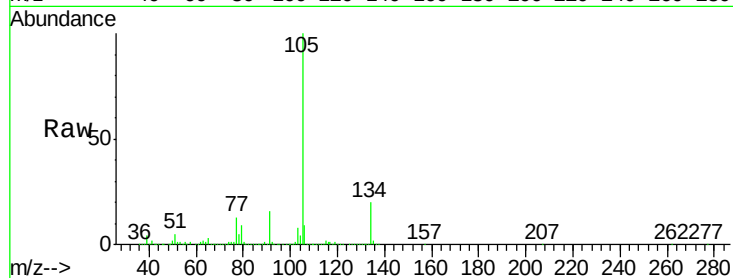
VSTDIC100

Tot Ion:105 Resp: 3046233

Ion Ratio Lower Upper

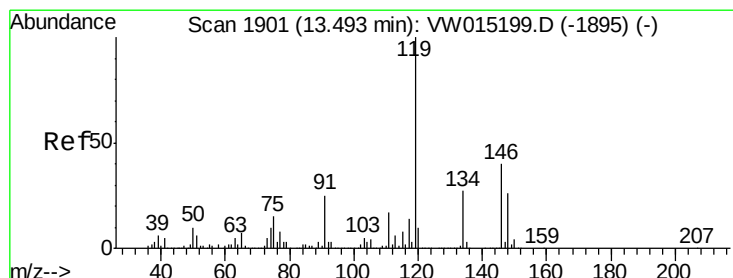
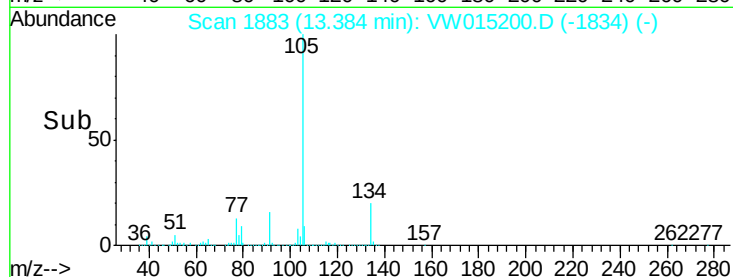
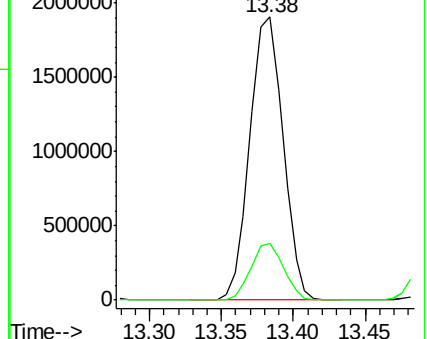
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 100.098 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

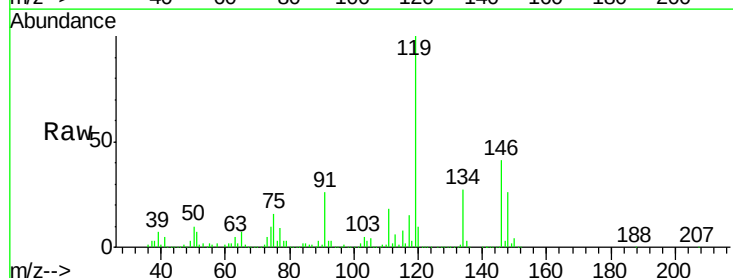
Tgt Ion:119 Resp: 2665759

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

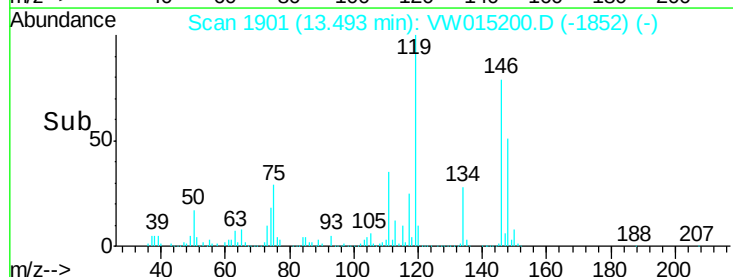
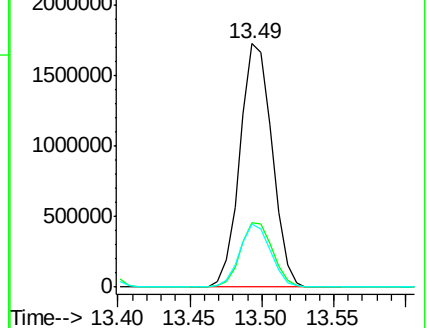
91 25.1 12.0 36.1

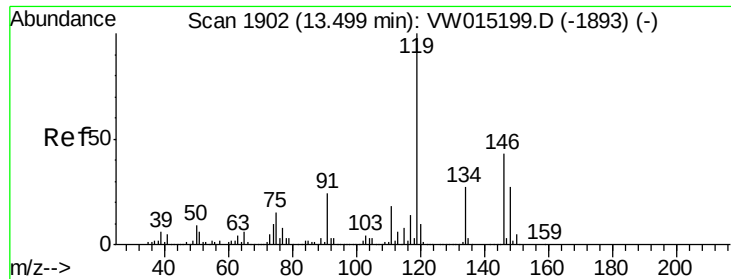


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 96.220 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

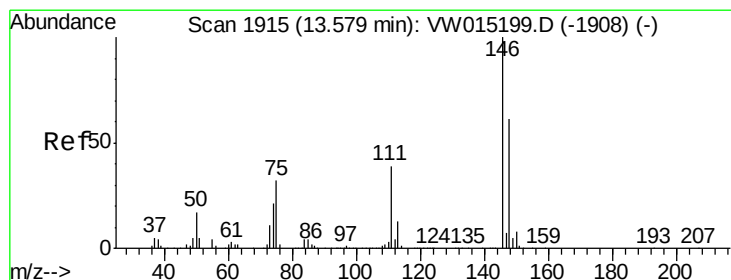
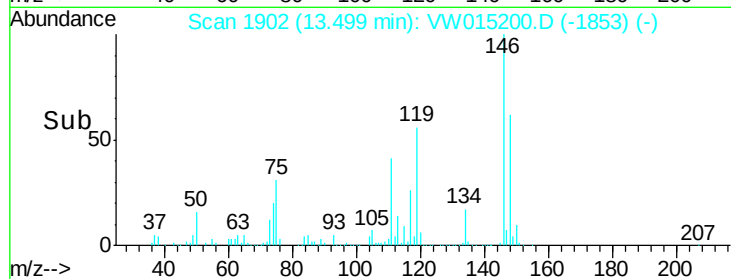
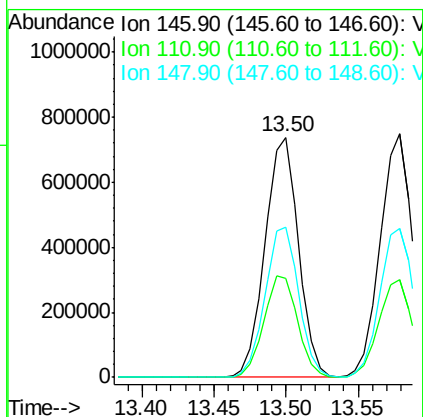
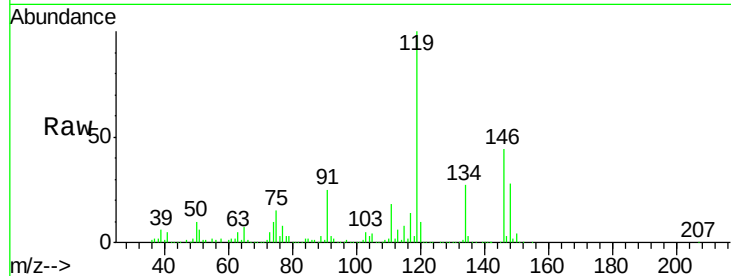
Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:146 Resp: 1189503

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.4
148	62.8	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 96.376 ug/l

RT: 13.58 min Scan# 1915

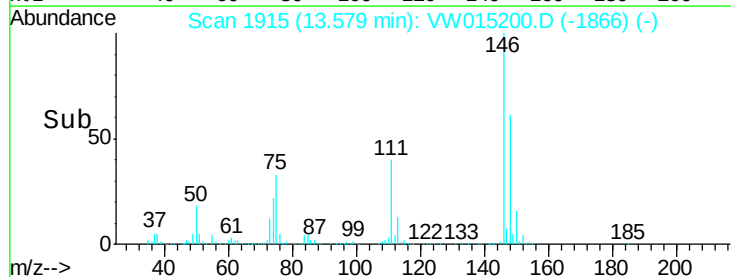
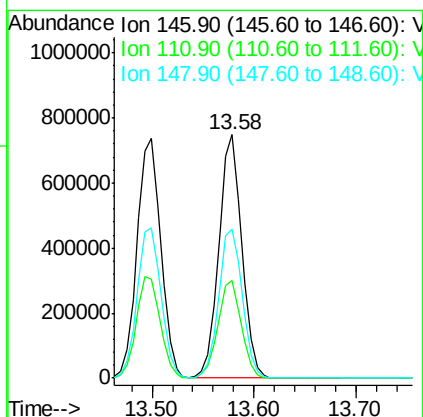
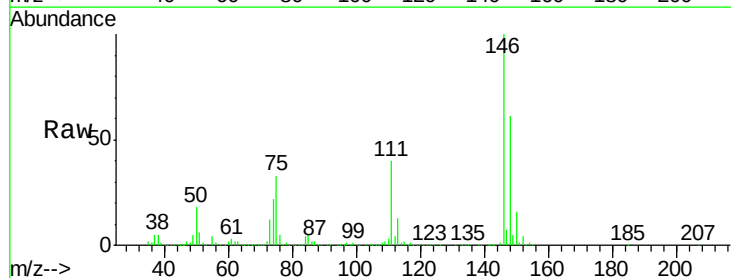
Delta R.T. 0.00 min

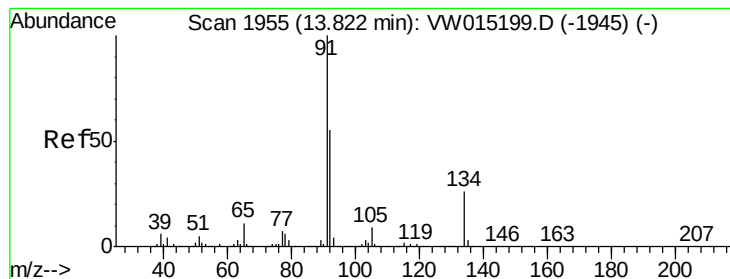
Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Tgt Ion:146 Resp: 1176205

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	63.4	31.5	94.5





#89

n-Butylbenzene

Concen: 96.207 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

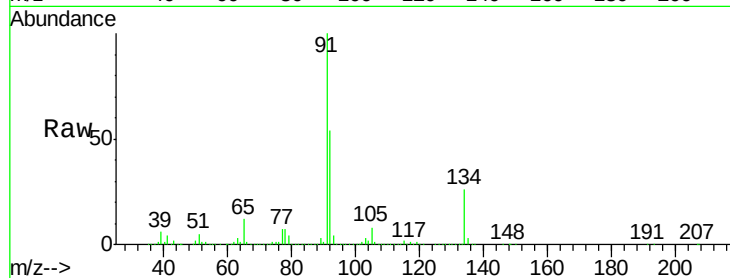
Tot Ion: 91 Resp: 2723734

Ion Ratio Lower Upper

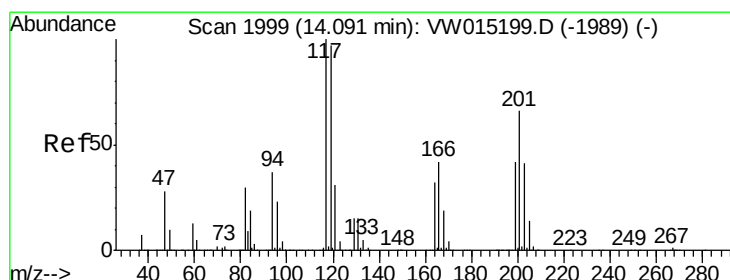
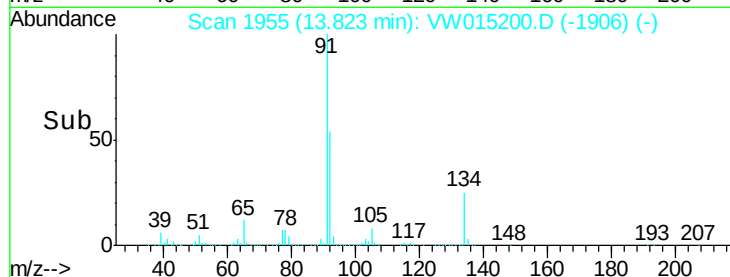
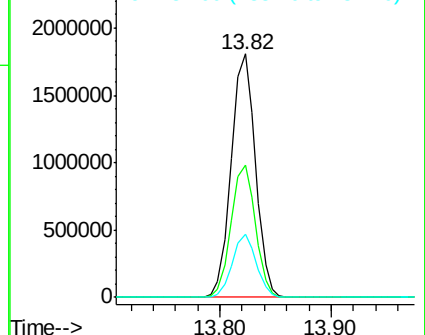
91 100

92 54.8 27.6 82.7

134 25.5 12.8 38.3



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: 98.367 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015200.D

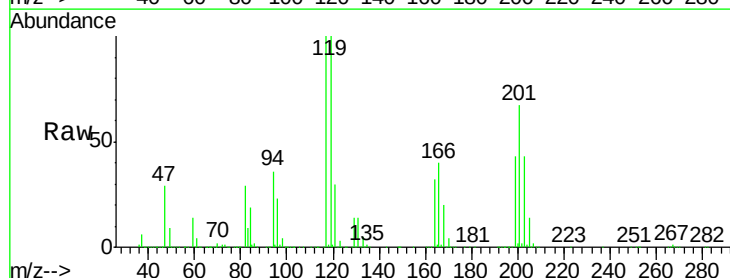
Acq: 15 Apr 2020 13:41

Tgt Ion: 117 Resp: 529137

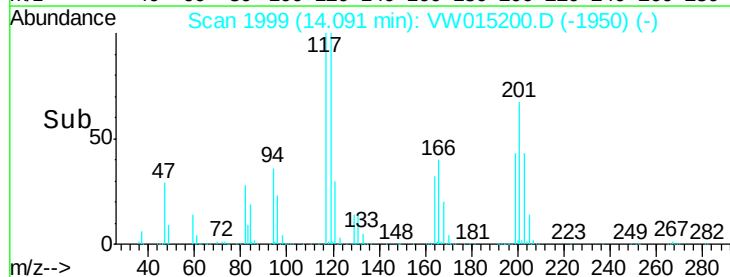
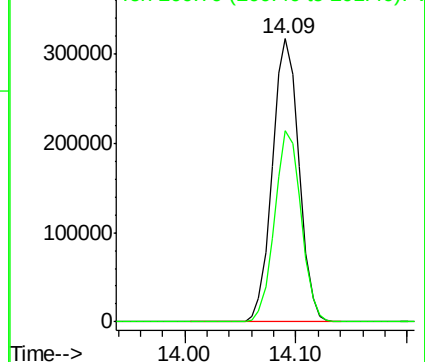
Ion Ratio Lower Upper

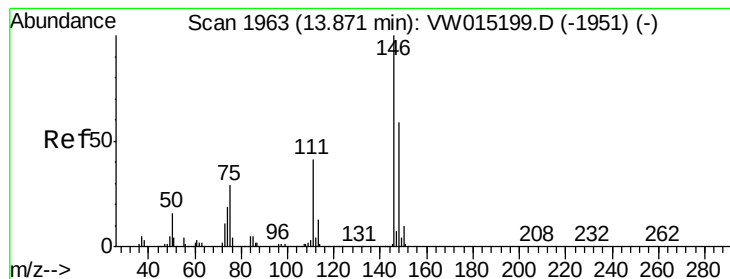
117 100

201 67.2 33.6 100.6



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





#91

1,2-Dichlorobenzene

Concen: 99.798 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

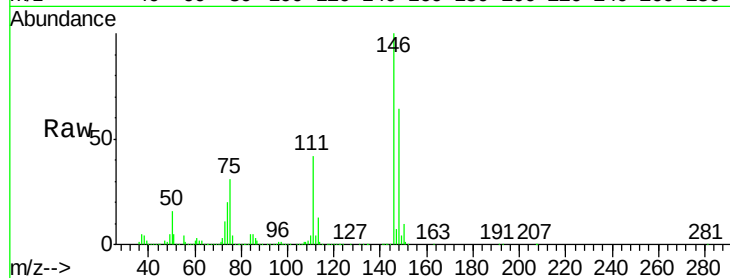
Tot Ion:146 Resp: 1083492

Ion Ratio Lower Upper

146 100

111 43.0 21.6 65.0

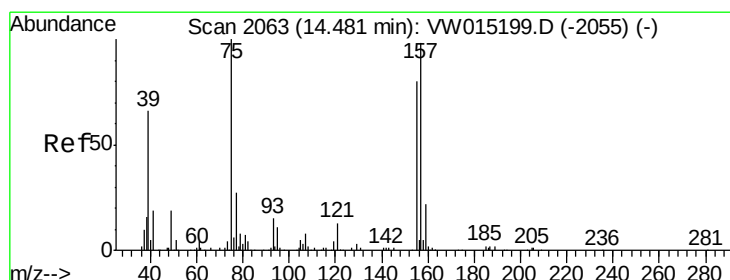
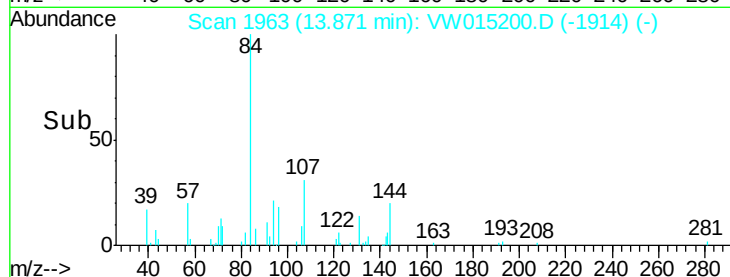
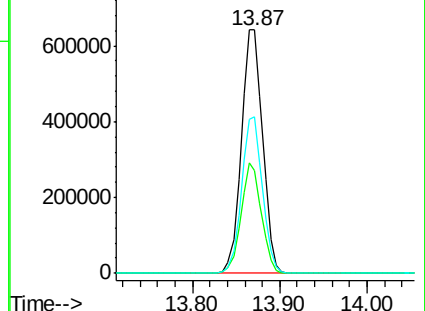
148 63.0 31.0 93.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 92.188 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

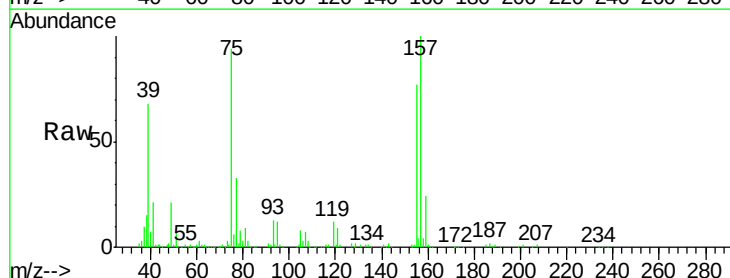
Tgt Ion: 75 Resp: 86352

Ion Ratio Lower Upper

75 100

155 82.7 41.6 124.9

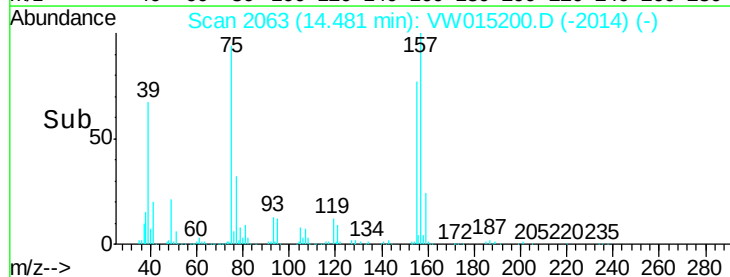
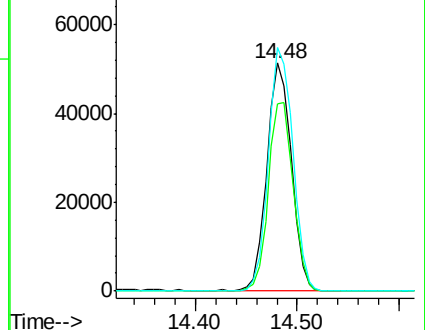
157 105.8 53.8 161.2

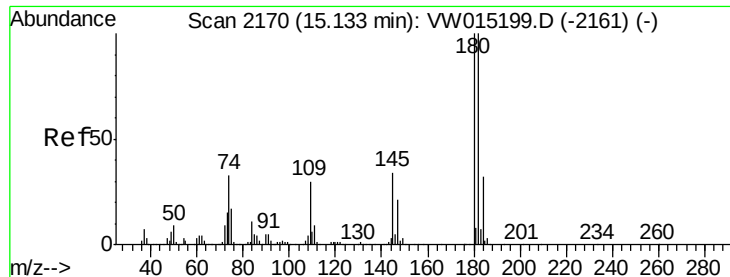


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

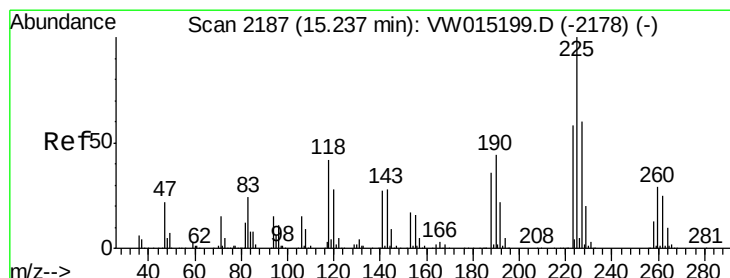
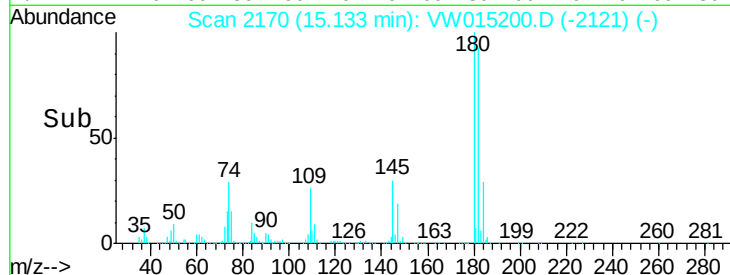
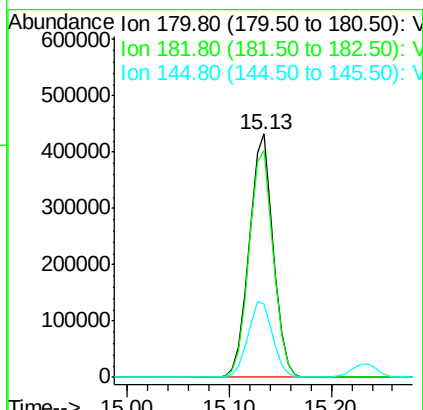
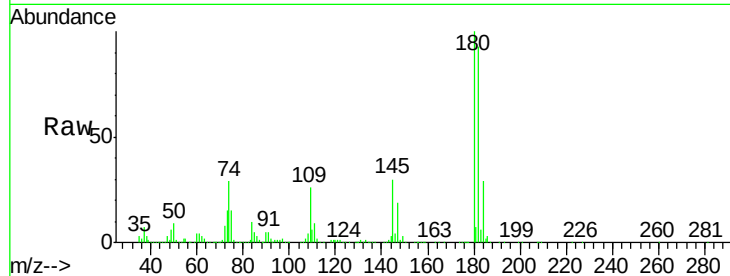




#93
 1,2,4-Trichlorobenzene
 Concen: 111.906 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

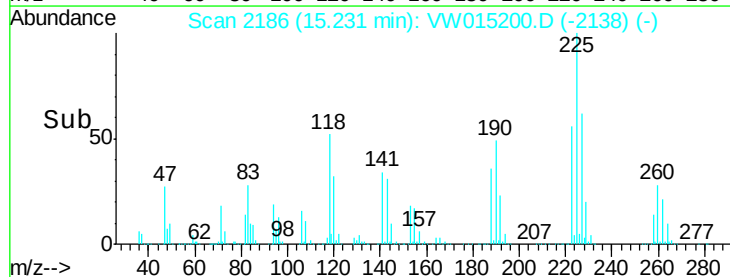
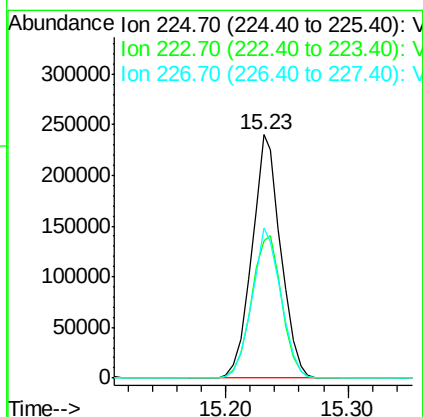
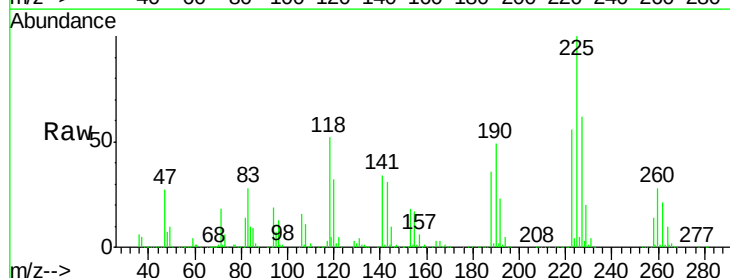
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

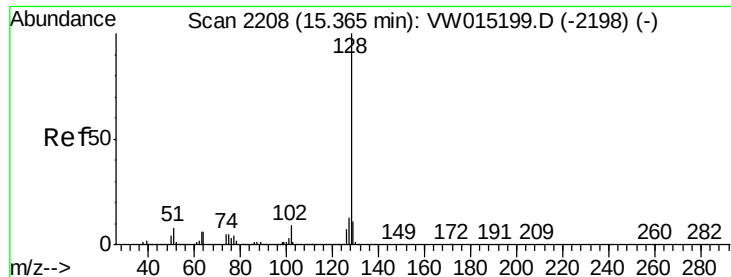
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.4
145	32.3	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 98.786 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015200.D
 Acq: 15 Apr 2020 13:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.0	93.0
227	62.0	30.8	92.3





#95

Naphthalene

Concen: 125.363 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

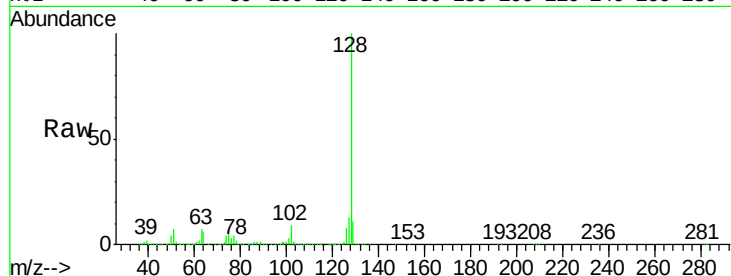
Tot Ion:128 Resp: 1487243

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

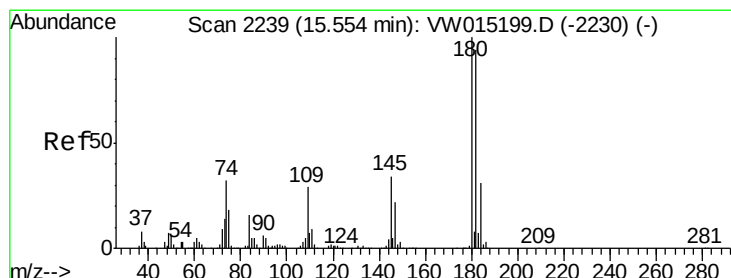
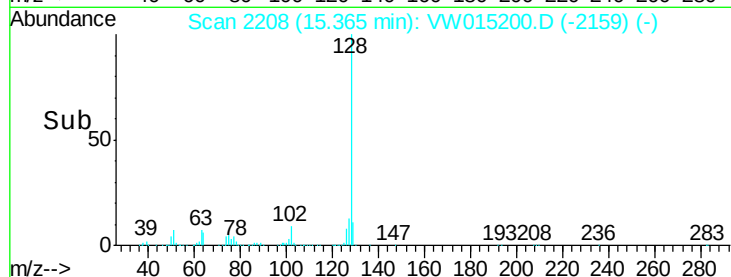
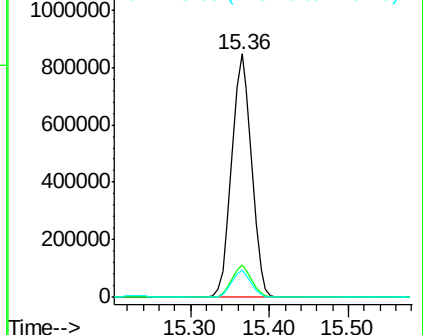
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 108.858 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW015200.D

Acq: 15 Apr 2020 13:41

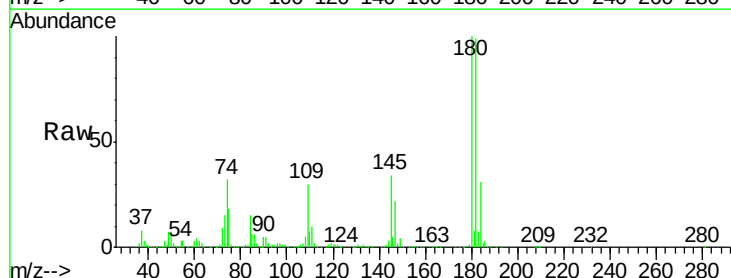
Tgt Ion:180 Resp: 611383

Ion Ratio Lower Upper

180 100

182 94.7 48.8 146.3

145 33.7 17.2 51.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

