

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013483.D
 Acq On : 08 Oct 2019 12:37
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 05:21:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:13:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	301640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	429621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	347439	149.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.18%	
35) Dibromofluoromethane	7.88	113	354284	147.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.30%	
50) Toluene-d8	10.32	98	1497558	148.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.02%	
62) 4-Bromofluorobenzene	12.62	95	498432	147.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	161256	161.392	ug/l	98
3) Chloromethane	2.21	50	231212	131.649	ug/l	99
4) Vinyl Chloride	2.36	62	364610	140.745	ug/l	98
5) Bromomethane	2.77	94	215518	139.430	ug/l	98
6) Chloroethane	2.91	64	209787	144.200	ug/l	100
7) Trichlorofluoromethane	3.25	101	186062	151.801	ug/l	98
8) Diethyl Ether	3.68	74	190731	150.342	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	365998	144.884	ug/l	99
10) Methyl Iodide	4.27	142	572134	143.027	ug/l	99
11) Tert butyl alcohol	5.20	59	137205	774.533	ug/l	98
12) 1,1-Dichloroethene	4.04	96	382623	146.153	ug/l	98
13) Acrolein	3.89	56	160387	844.189	ug/l	98
14) Allyl chloride	4.66	41	591844	147.108	ug/l	98
15) Acrylonitrile	5.36	53	461646	778.564	ug/l	100
16) Acetone	4.13	43	425030	783.730	ug/l	100
17) Carbon Disulfide	4.38	76	1079526	146.904	ug/l	100
18) Methyl Acetate	4.67	43	234897	151.208	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	574744	145.184	ug/l	100
20) Methylene Chloride	4.91	84	366088	122.621	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	402535	144.698	ug/l	98
22) Diisopropyl ether	6.31	45	1098764	145.765	ug/l	98
23) Vinyl Acetate	6.25	43	3504012	774.274	ug/l	98
24) 1,1-Dichloroethane	6.21	63	668887	145.181	ug/l	99
25) 2-Butanone	7.17	43	600904	751.842	ug/l	99
26) 2,2-Dichloropropane	7.16	77	391961	131.968	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	427523	145.238	ug/l	98
28) Bromochloromethane	7.51	49	268115	163.169	ug/l #	98
29) Tetrahydrofuran	7.52	42	383193	784.460	ug/l	99
30) Chloroform	7.67	83	640430	143.705	ug/l	95
31) Cyclohexane	7.95	56	676485	138.724	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	529025	146.032	ug/l	99
36) 1,1-Dichloropropene	8.08	75	553690	142.467	ug/l	100
37) Ethyl Acetate	7.25	43	258791	146.760	ug/l	99
38) Carbon Tetrachloride	8.07	117	506977	147.151	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	746975	148.350	ug/l	99
40) Benzene	8.32	78	1544758	142.388	ug/l	100
41) Methacrylonitrile	7.48	41	160579	160.142	ug/l	96
42) 1,2-Dichloroethane	8.40	62	401908	146.565	ug/l	99
43) Isopropyl Acetate	8.42	43	493137	154.794	ug/l	99
44) Trichloroethene	9.09	130	448413	144.885	ug/l	100
45) 1,2-Dichloropropane	9.37	63	377231	144.870	ug/l	99
46) Dibromomethane	9.46	93	193180	148.917	ug/l	99
47) Bromodichloromethane	9.64	83	485032	150.413	ug/l	99
48) Methyl methacrylate	9.43	41	249767	159.164	ug/l	97
49) 1,4-Dioxane	9.46	88	66901	2937.105	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	1267764	756.930	ug/l	100
52) Toluene	10.38	92	999148	142.974	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	519607	155.071	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	616776	151.934	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	289470	148.664	ug/l	97
56) Ethyl methacrylate	10.65	69	413814	157.794	ug/l	99
57) 1,3-Dichloropropane	10.93	76	496724	148.567	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	975355	788.334	ug/l	99
59) 2-Hexanone	10.97	43	899845	783.498	ug/l	100
60) Dibromochloromethane	11.13	129	348811	155.775	ug/l	98
61) 1,2-Dibromoethane	11.23	107	284532	153.633	ug/l	98
64) Tetrachloroethene	10.86	164	384487	142.289	ug/l	99
65) Chlorobenzene	11.66	112	1054710	144.573	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	371698	146.674	ug/l	100
67) Ethyl Benzene	11.73	91	1930511	144.780	ug/l	99
68) m/p-Xylenes	11.84	106	1473645	290.465	ug/l	100
69) o-Xylene	12.16	106	681066	145.299	ug/l	99
70) Styrene	12.18	104	1183569	147.060	ug/l	100
71) Bromoform	12.35	173	219801	158.089	ug/l #	99
73) Isopropylbenzene	12.46	105	1923681	146.632	ug/l	99
74) N-amyl acetate	12.27	43	447515	155.971	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	328480	146.898	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	428891	291.569	ug/l #	100
77) Bromobenzene	12.74	156	443181	142.518	ug/l	97
78) n-propylbenzene	12.80	91	2186536	144.132	ug/l	99
79) 2-Chlorotoluene	12.89	91	1214738	142.922	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1570165	144.045	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	123068	164.924	ug/l	97
82) 4-Chlorotoluene	12.99	91	1249066	141.591	ug/l	100
83) tert-Butylbenzene	13.21	119	1413648	146.028	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1532314	142.134	ug/l	100
85) sec-Butylbenzene	13.38	105	1928432	144.173	ug/l	100
86) p-Isopropyltoluene	13.50	119	1783594	145.132	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	841127	142.653	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	827962	143.339	ug/l	99
89) n-Butylbenzene	13.82	91	1616828	145.639	ug/l	99
90) Hexachloroethane	14.09	117	312279	148.508	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	745500	143.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	54385	152.560	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:13:15 2019
Response via : Initial Calibration

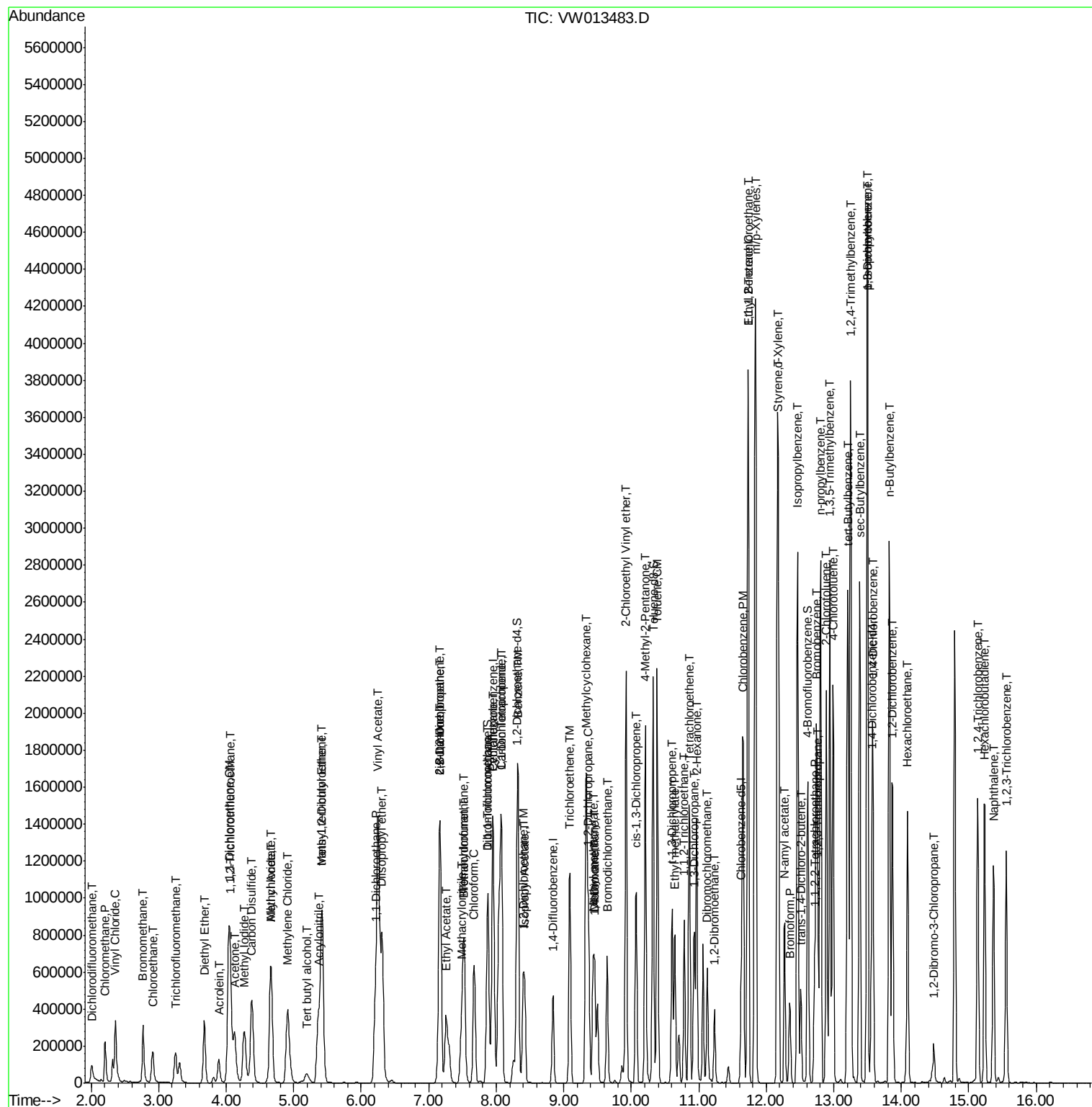
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	559858	152.165	ug/l	98
94) Hexachlorobutadiene	15.24	225	351132	143.610	ug/l	99
95) Naphthalene	15.36	128	1040587	163.498	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	490982	152.606	ug/l	99

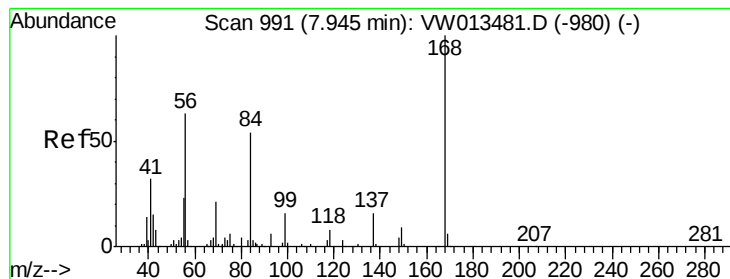
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100819\
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MSVOA_W
ClientSampled :

Quant Time: Oct 09 05:21:31 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

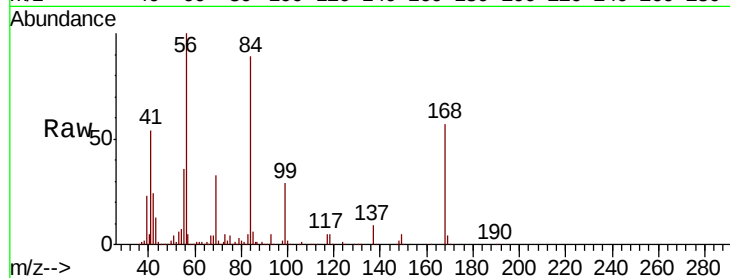
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 301640

Ion Ratio Lower Upper

168 100

99 50.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

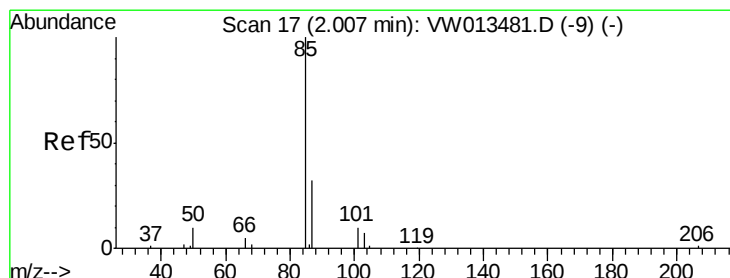
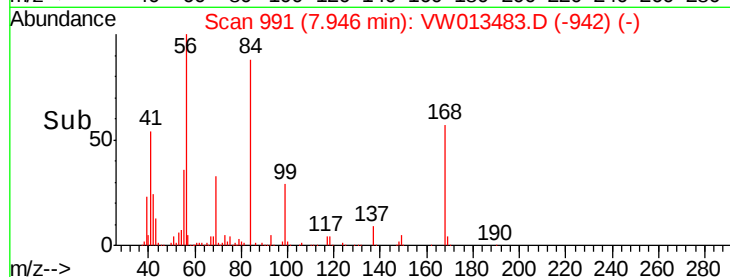
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 161.392 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013483.D

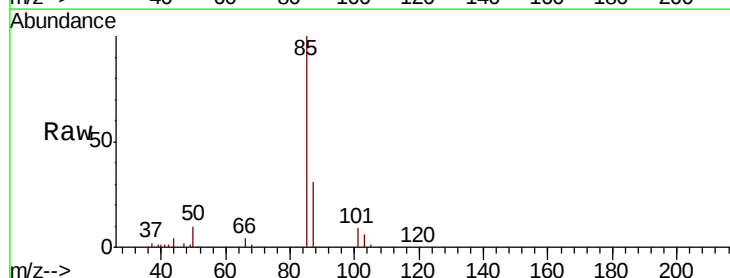
Acq: 08 Oct 2019 12:37

Tgt Ion: 85 Resp: 161256

Ion Ratio Lower Upper

85 100

87 30.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

50000

40000

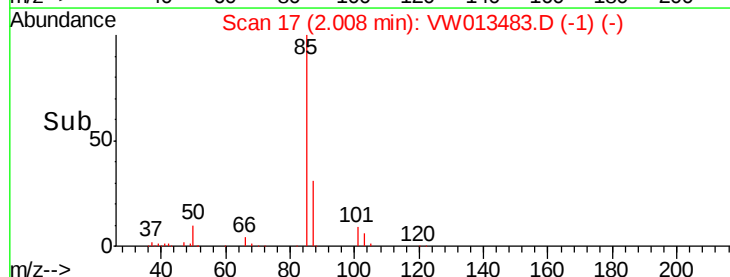
30000

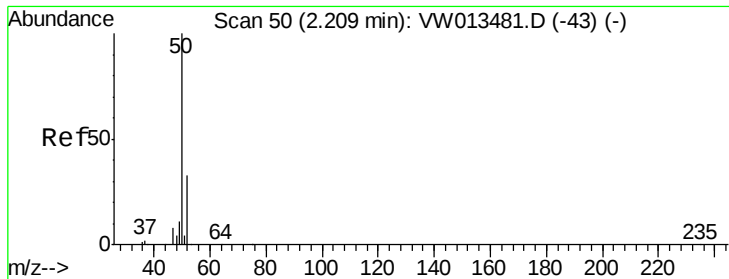
20000

10000

0

Time-->





#3

Chloromethane

Concen: 131.649 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

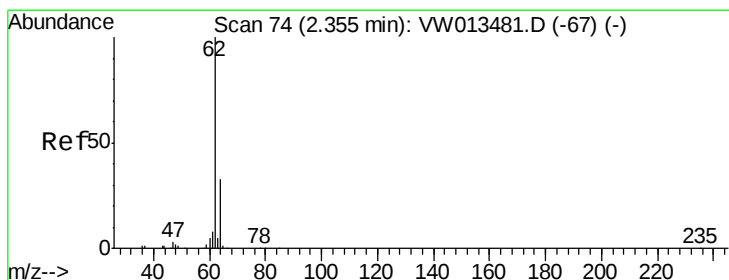
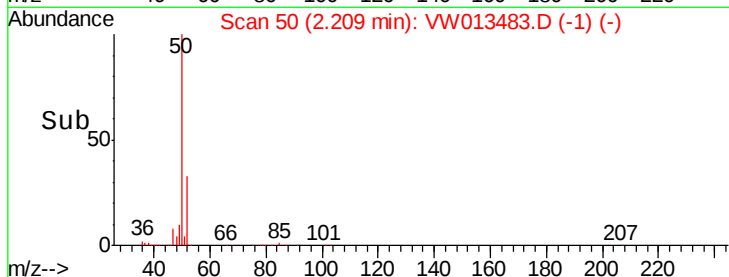
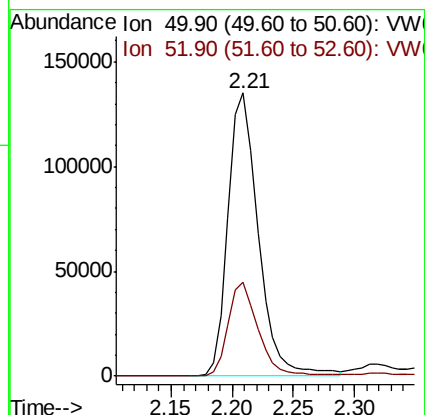
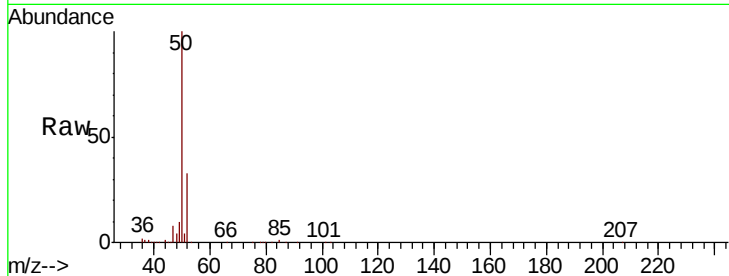
ClientSampled :

Tot Ion: 50 Resp: 231212

Ion Ratio Lower Upper

50 100

52 33.2 26.0 39.0



#4

Vinyl Chloride

Concen: 140.745 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013483.D

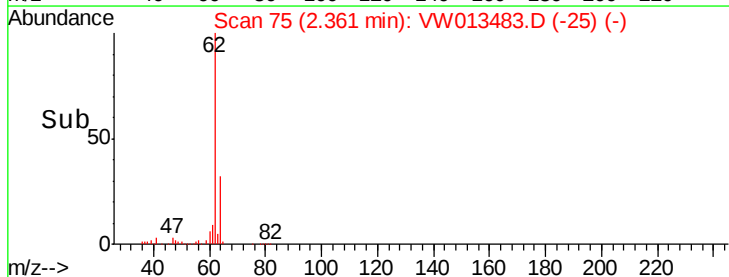
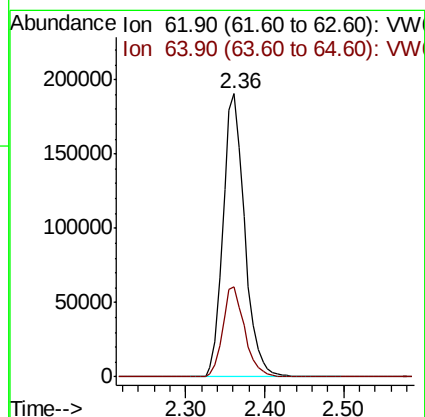
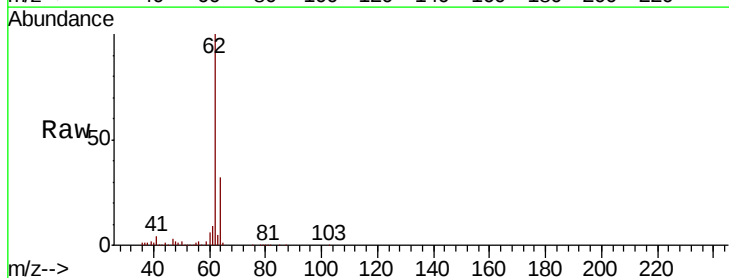
Acq: 08 Oct 2019 12:37

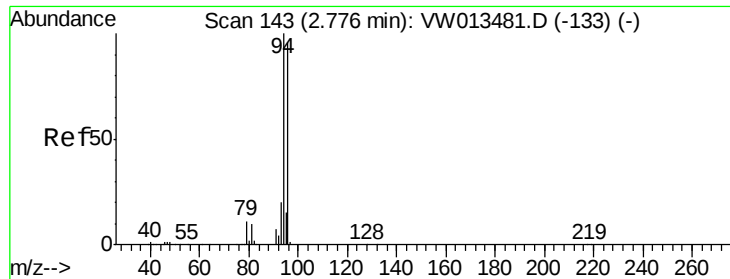
Tgt Ion: 62 Resp: 364610

Ion Ratio Lower Upper

62 100

64 31.8 26.6 39.8





#5

Bromomethane

Concen: 139.430 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

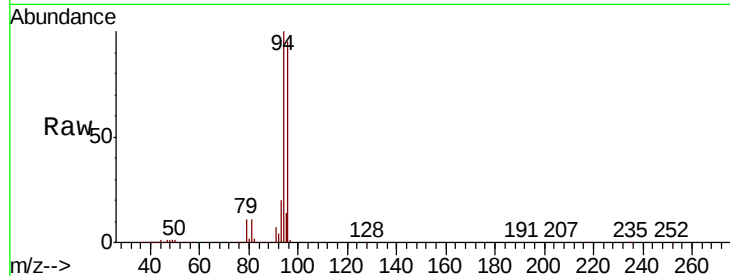
ClientSampleId :

Tot Ion: 94 Resp: 215518

Ion Ratio Lower Upper

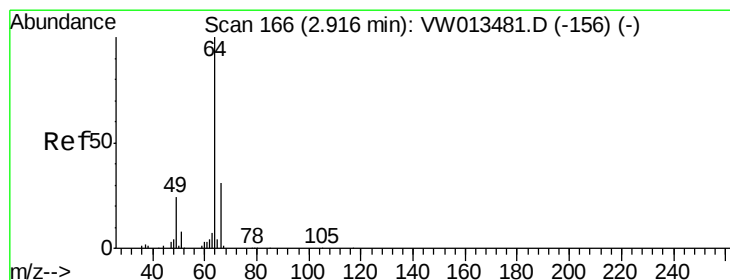
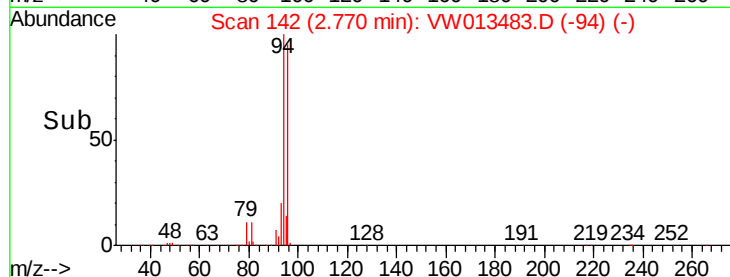
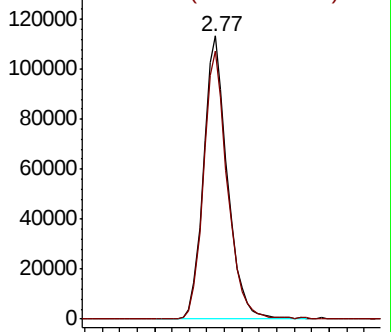
94 100

96 94.6 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 144.200 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013483.D

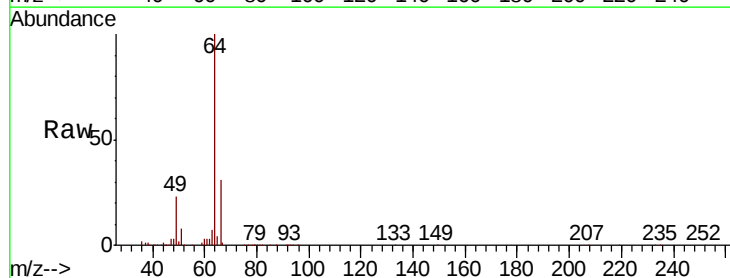
Acq: 08 Oct 2019 12:37

Tgt Ion: 64 Resp: 209787

Ion Ratio Lower Upper

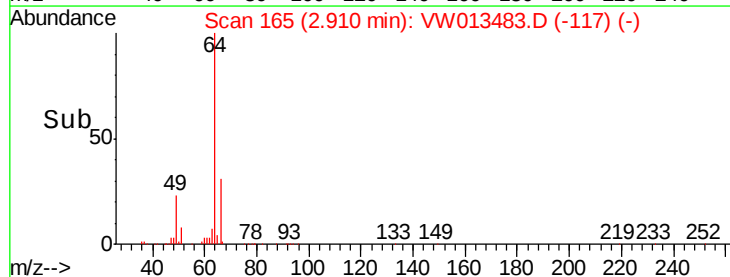
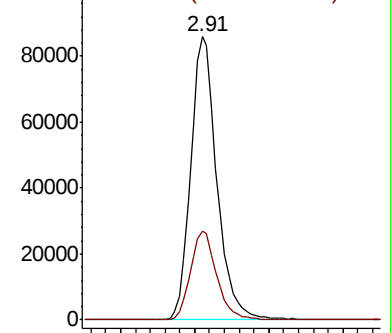
64 100

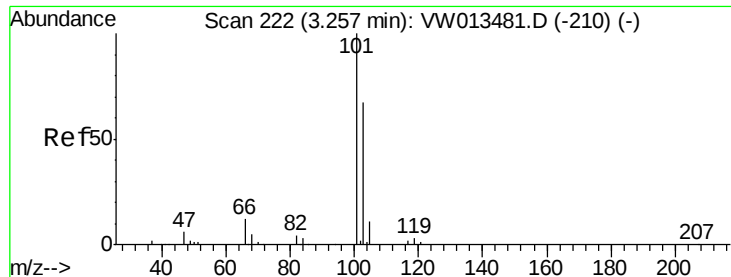
66 31.2 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



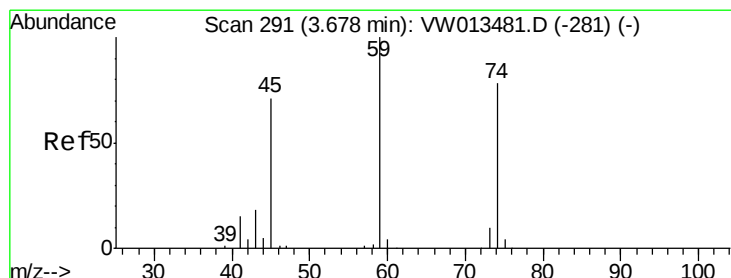
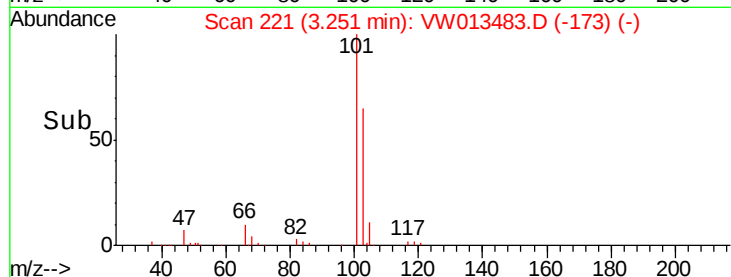
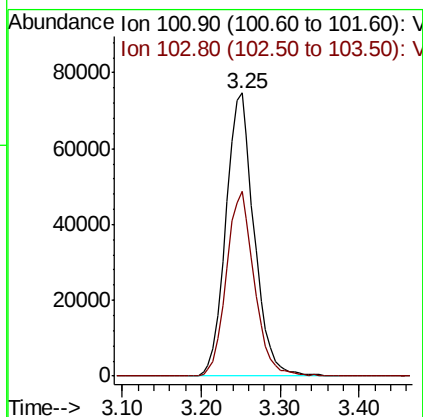
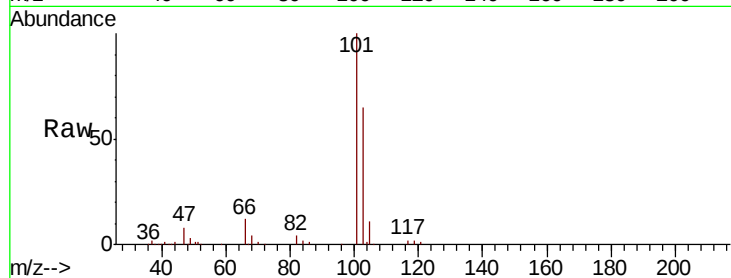


#7

Trichlorofluoromethane
 Concen: 151.801 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Instrument :
 MSVOA_W
 ClientSampleId :

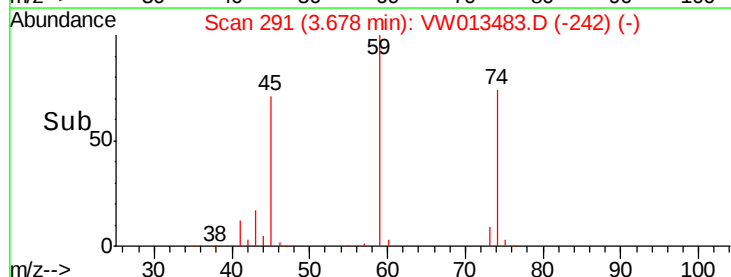
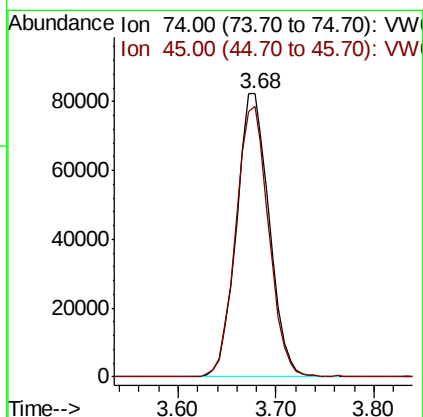
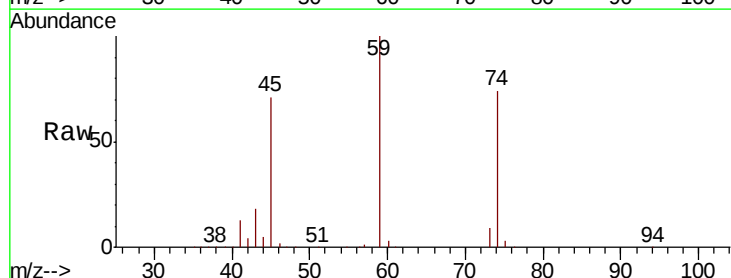
Tot Ion:101 Resp: 186062
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.7 80.5

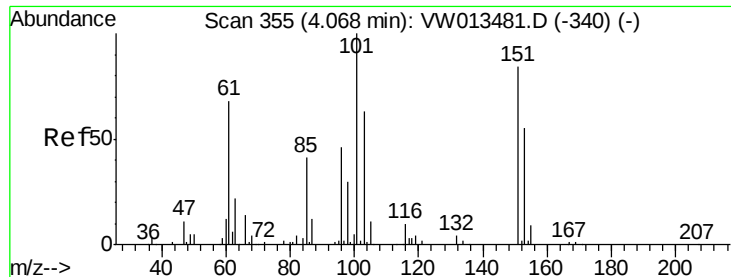


#8

Diethyl Ether
 Concen: 150.342 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Tgt Ion: 74 Resp: 190731
 Ion Ratio Lower Upper
 74 100
 45 96.0 50.0 150.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.884 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

ClientSampled :

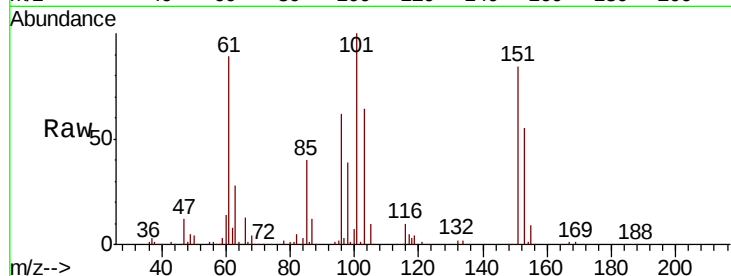
Tot Ion:101 Resp: 365998

Ion Ratio Lower Upper

101 100

85 40.2 31.6 47.4

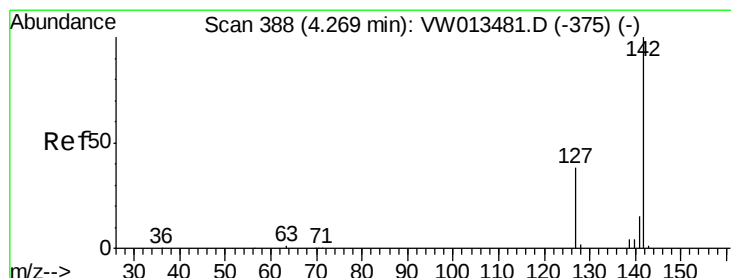
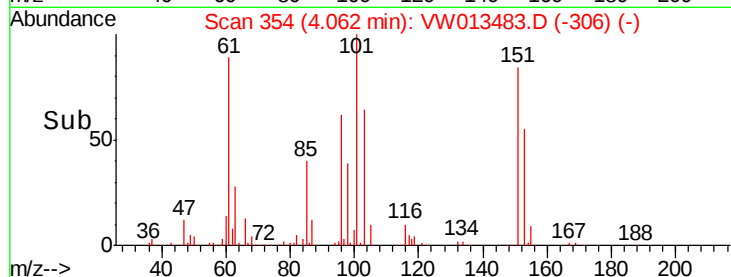
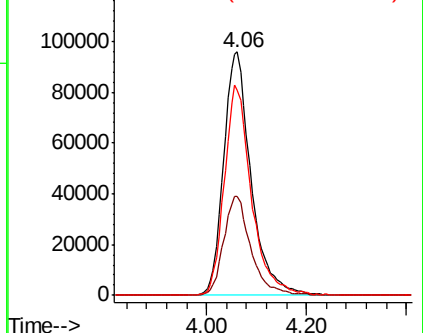
151 85.1 67.5 101.3



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: 143.027 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

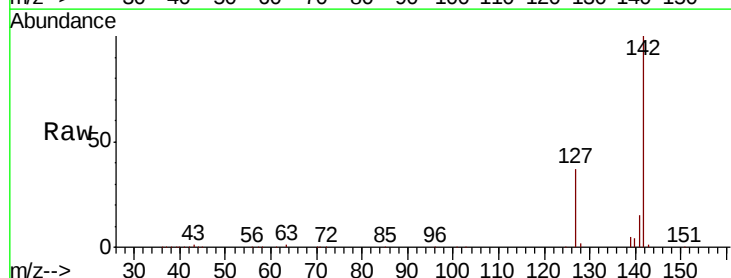
Tgt Ion:142 Resp: 572134

Ion Ratio Lower Upper

142 100

127 37.5 29.6 44.4

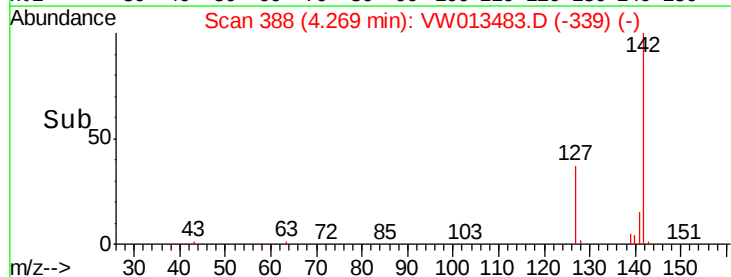
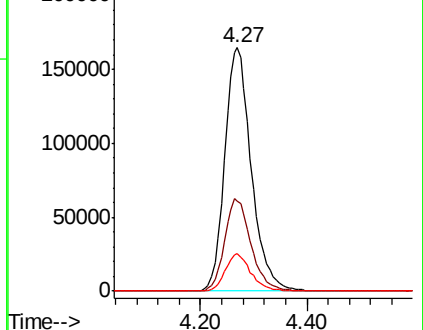
141 14.8 12.1 18.1

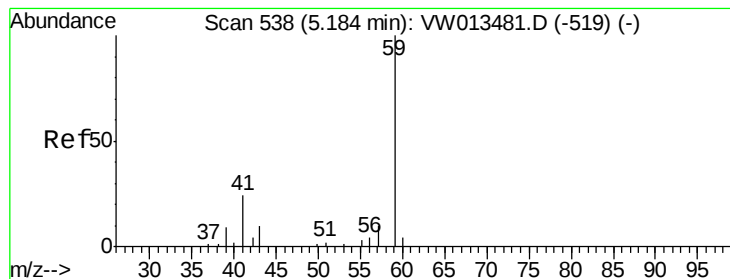


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



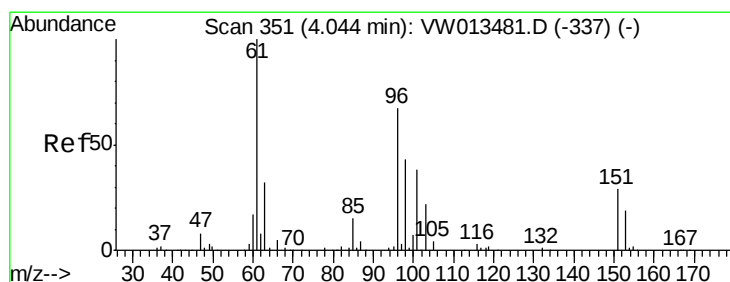
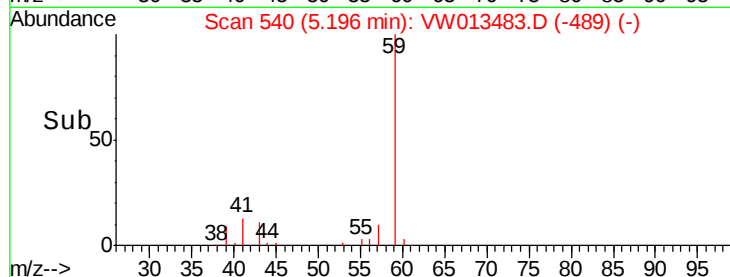
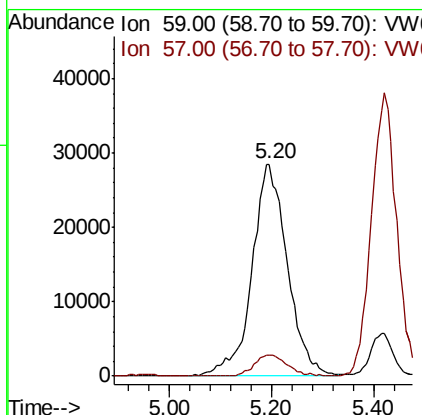
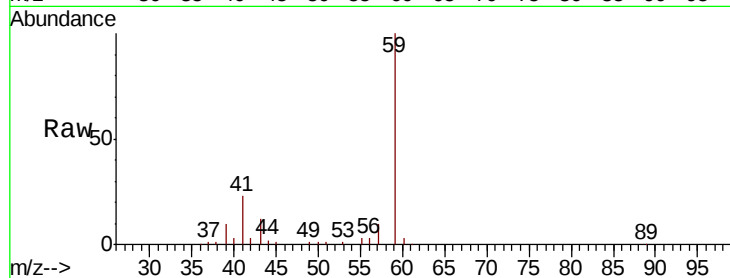


#11

Tert butyl alcohol
 Concen: 774.533 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Instrument :
 MSVOA_W
 ClientSampleId :

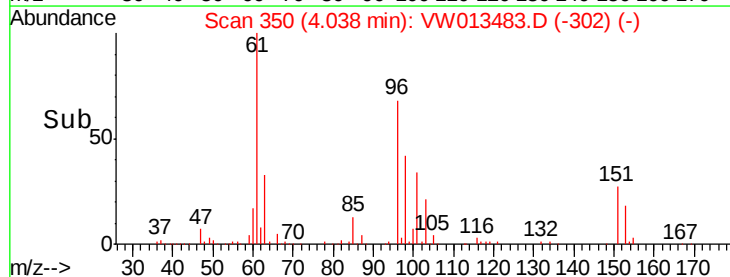
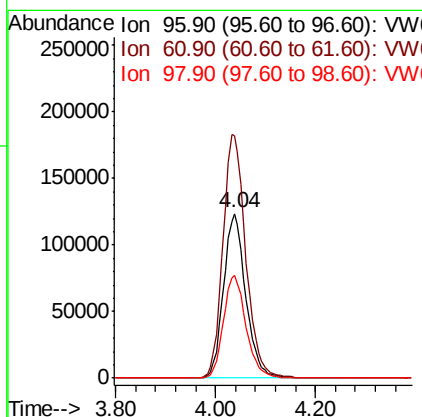
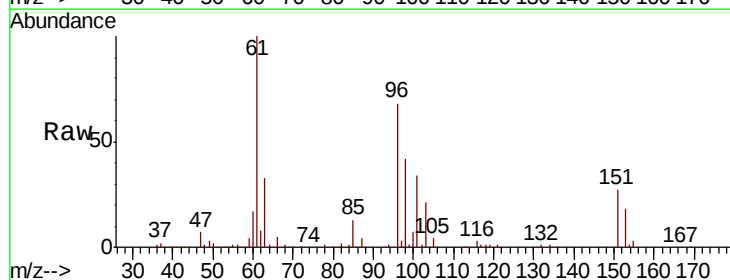
Tot Ion: 59 Resp: 137205
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.2 12.4

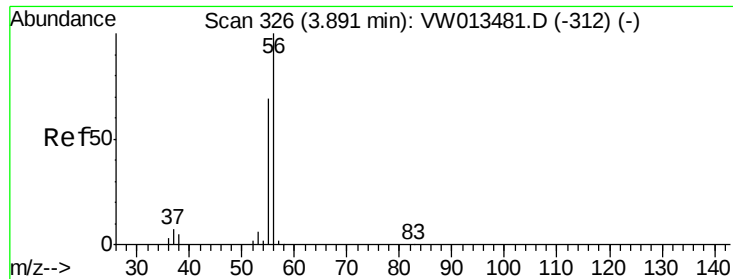


#12

1,1-Dichloroethene
 Concen: 146.153 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Tgt Ion: 96 Resp: 382623
 Ion Ratio Lower Upper
 96 100
 61 147.2 119.4 179.0
 98 62.2 51.1 76.7

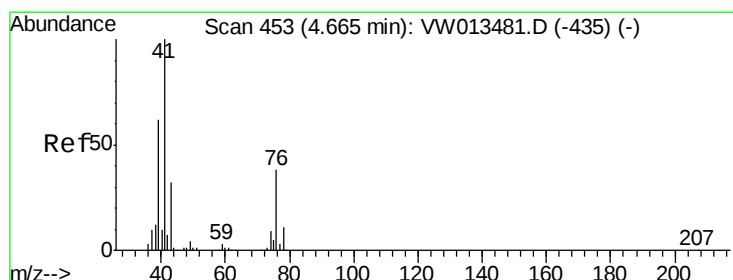
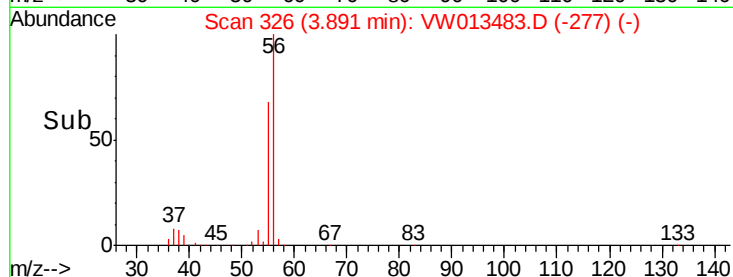
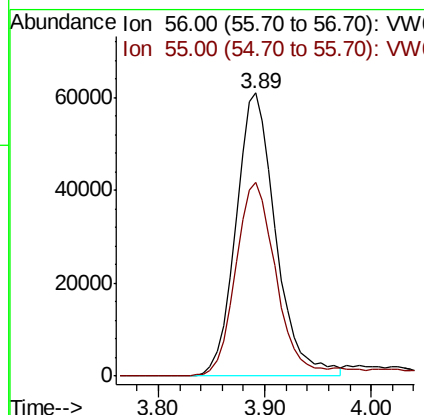
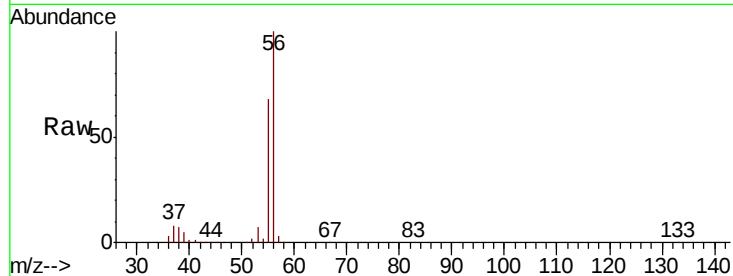




#13
 Acrolein
 Concen: 844.189 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

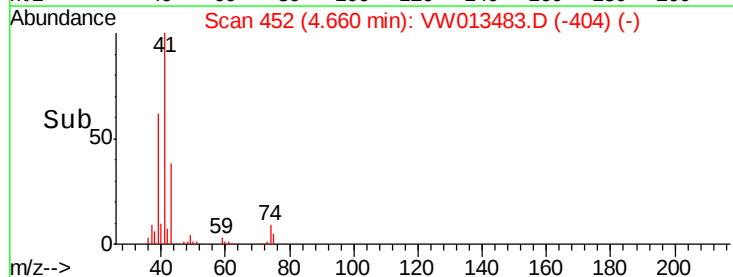
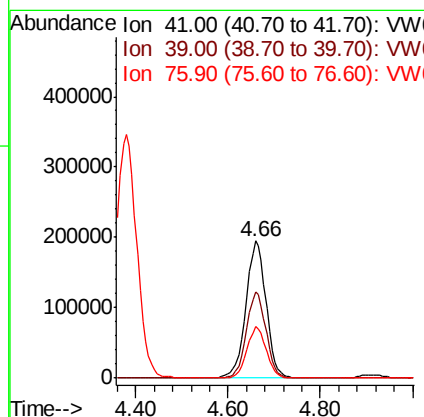
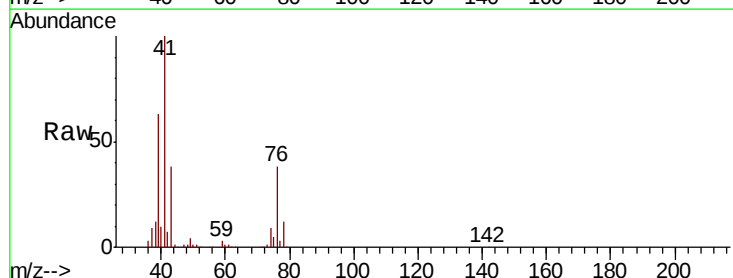
Instrument :
 MSVOA_W
 ClientSampleId :

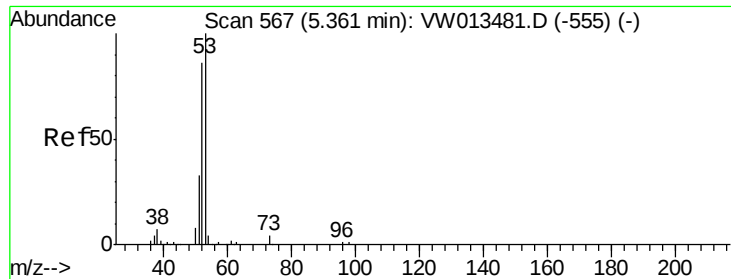
Tot Ion: 56 Resp: 160387
 Ion Ratio Lower Upper
 56 100
 55 68.2 55.9 83.9



#14
 Allyl chloride
 Concen: 147.108 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Tgt Ion: 41 Resp: 591844
 Ion Ratio Lower Upper
 41 100
 39 61.1 50.1 75.1
 76 35.8 29.0 43.4





#15

Acrylonitrile

Concen: 778.564 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

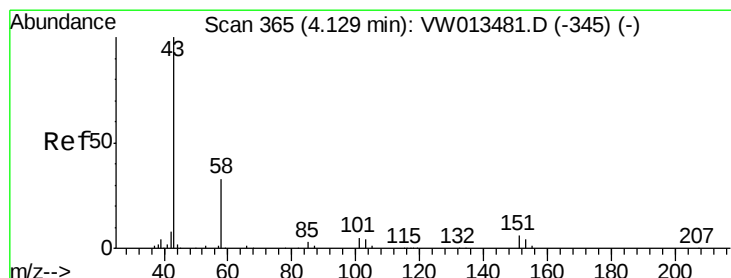
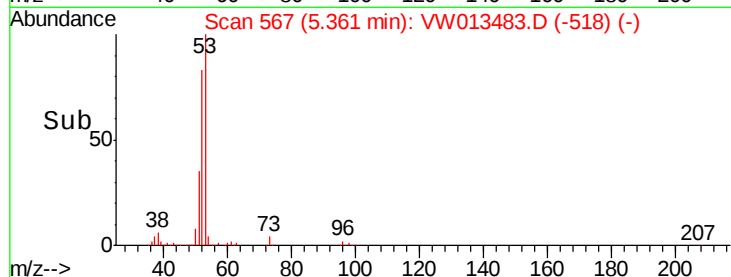
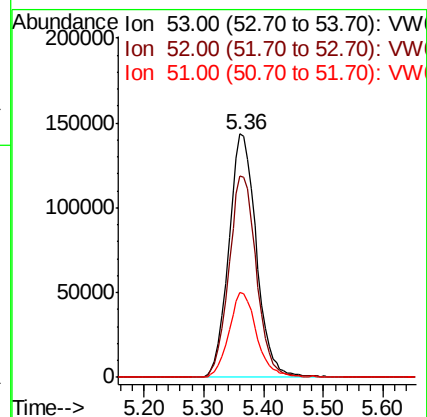
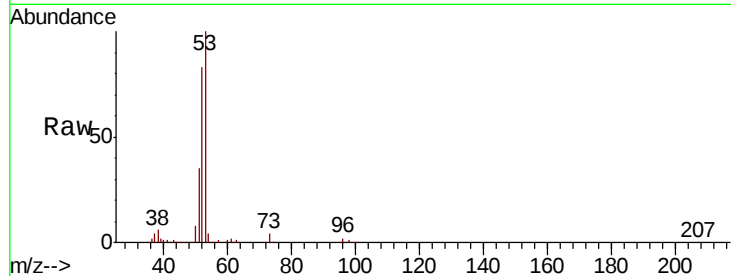
Tot Ion: 53 Resp: 461646

Ion Ratio Lower Upper

53 100

52 82.3 65.8 98.8

51 35.3 28.6 42.8



#16

Acetone

Concen: 783.730 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW013483.D

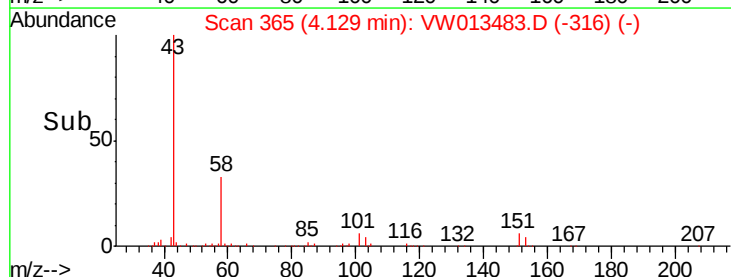
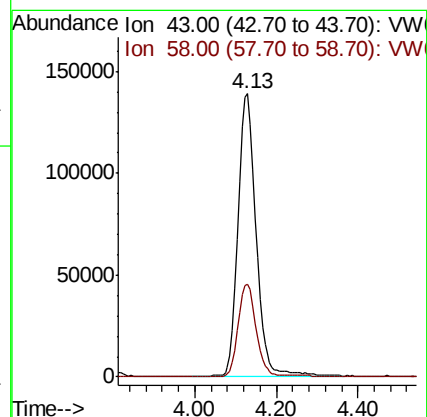
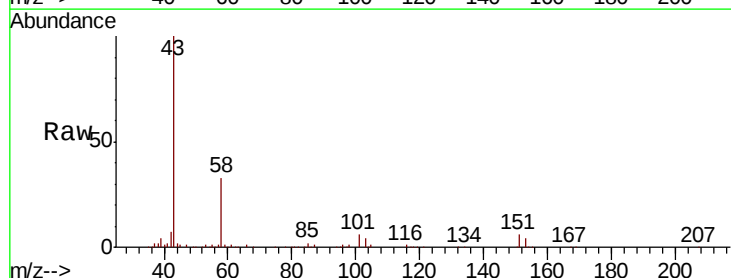
Acq: 08 Oct 2019 12:37

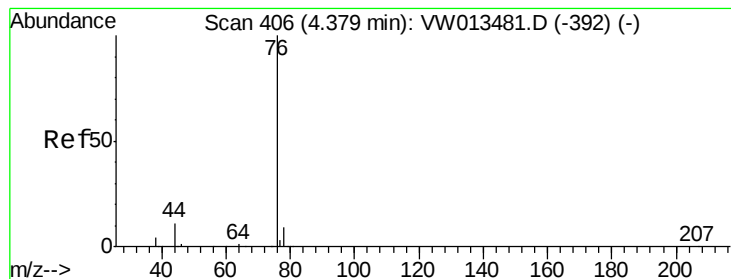
Tgt Ion: 43 Resp: 425030

Ion Ratio Lower Upper

43 100

58 32.8 26.1 39.1





#17

Carbon Disulfide

Concen: 146.904 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

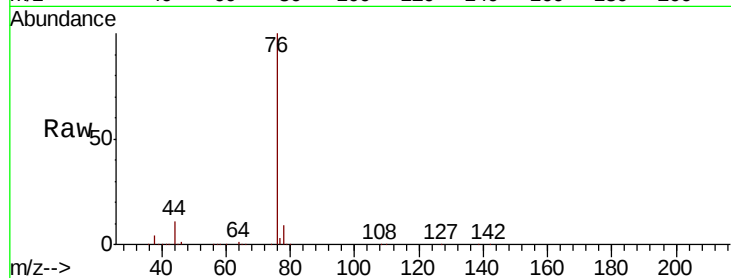
ClientSampleId :

Tot Ion: 76 Resp: 1079526

Ion Ratio Lower Upper

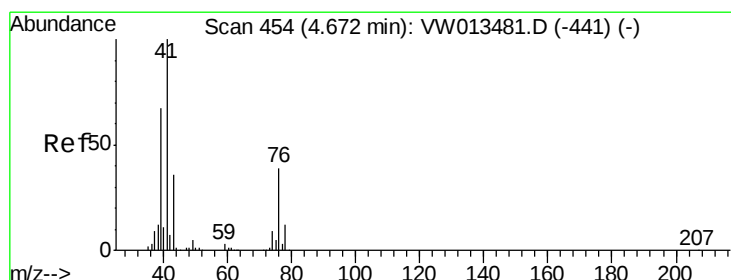
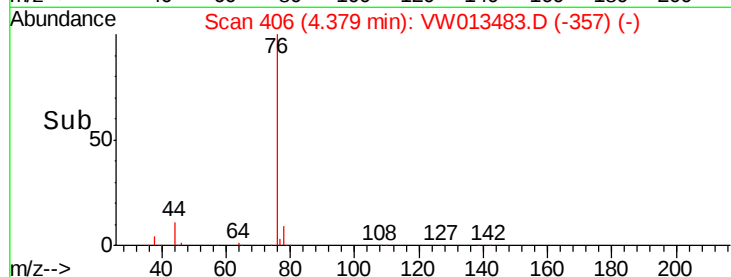
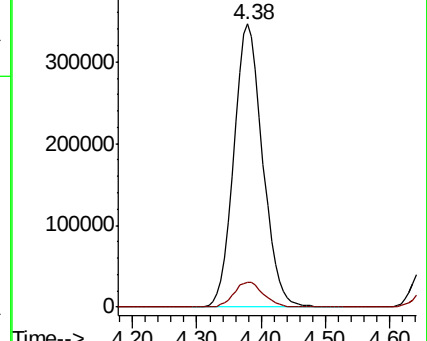
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 151.208 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW013483.D

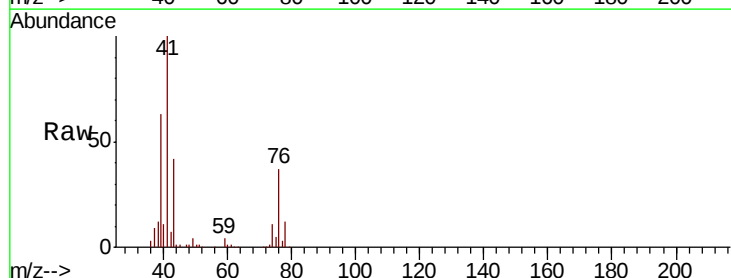
Acq: 08 Oct 2019 12:37

Tgt Ion: 43 Resp: 234897

Ion Ratio Lower Upper

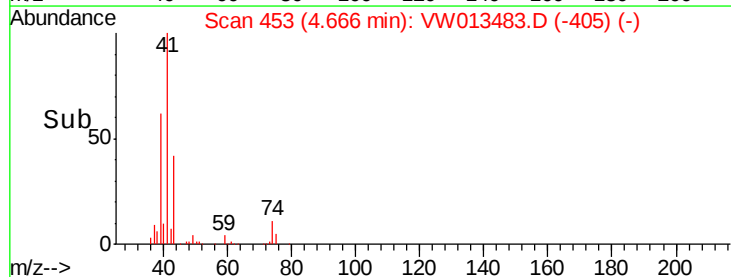
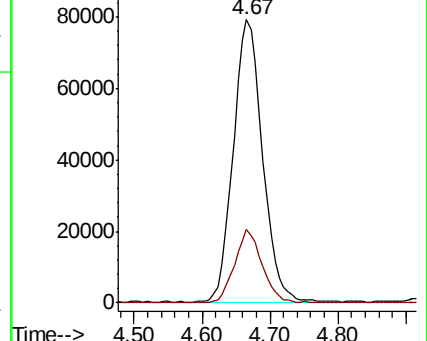
43 100

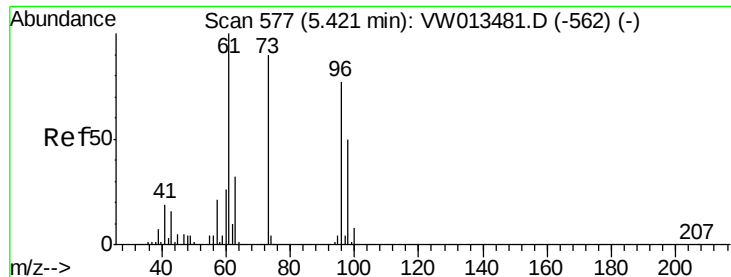
74 24.4 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

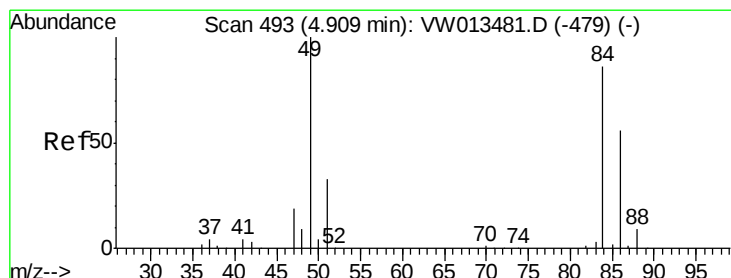
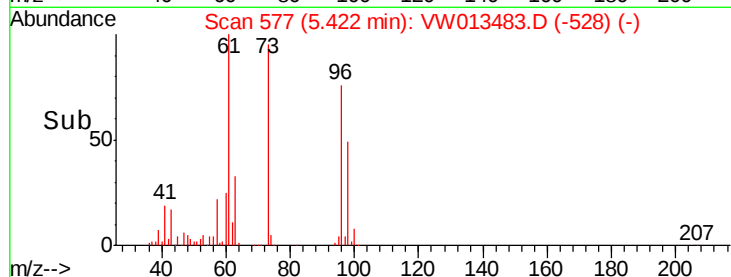
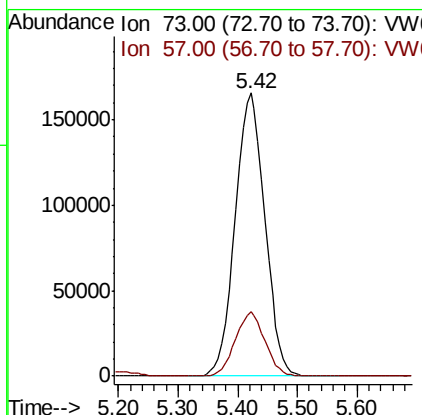
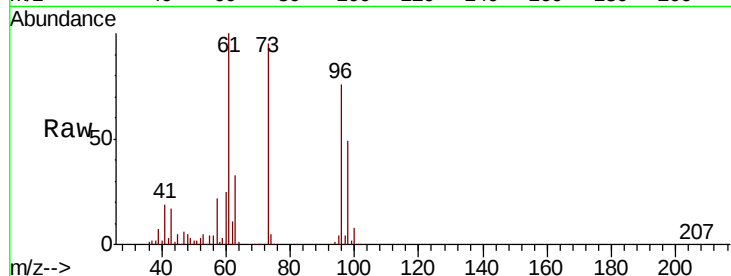




#19
Methvl tert-butvl Ether
Concen: 145.184 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

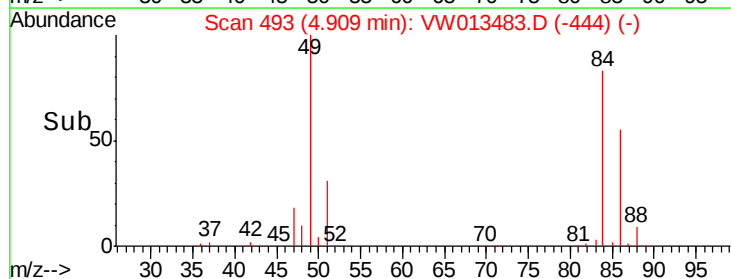
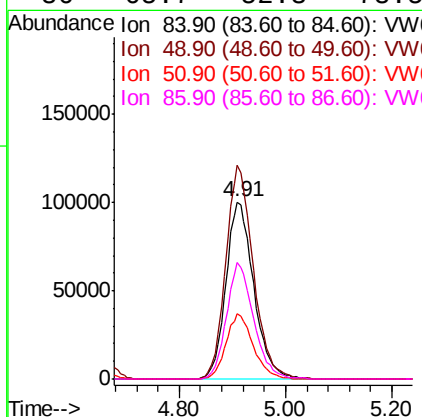
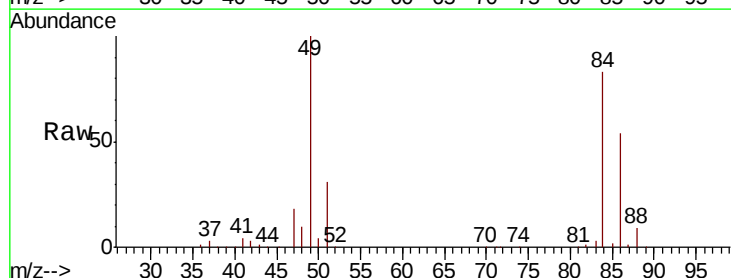
Instrument :
MSVOA_W
ClientSampleId :

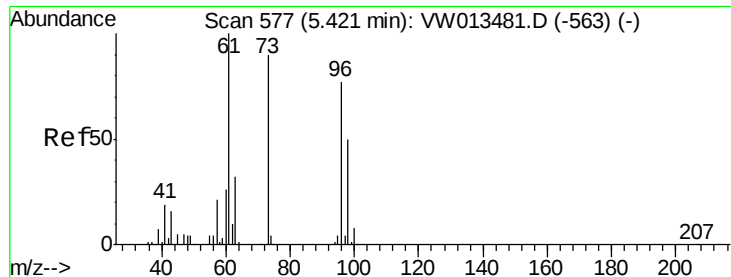
Tot Ion: 73 Resp: 574744
Ion Ratio Lower Upper
73 100
57 23.0 18.6 27.8



#20
Methylene Chloride
Concen: 122.621 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 84 Resp: 366088
Ion Ratio Lower Upper
84 100
49 120.9 93.4 140.0
51 37.1 30.6 46.0
86 65.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 144.698 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

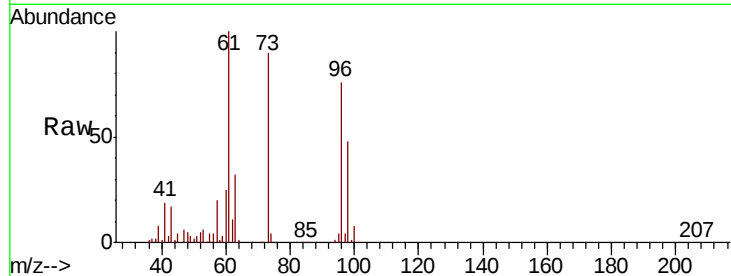
Tot Ion: 96 Resp: 402535

Ion Ratio Lower Upper

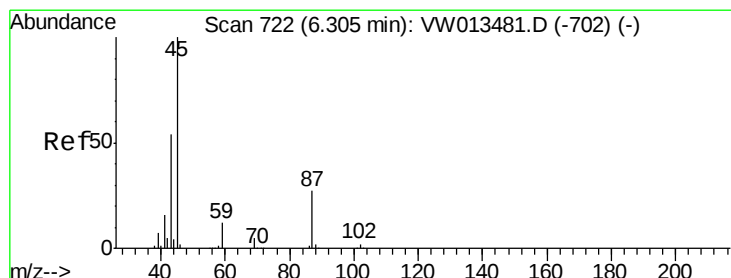
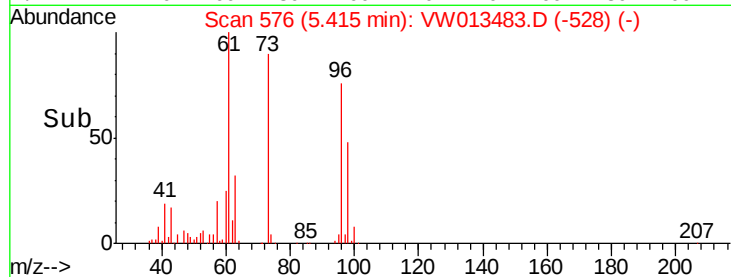
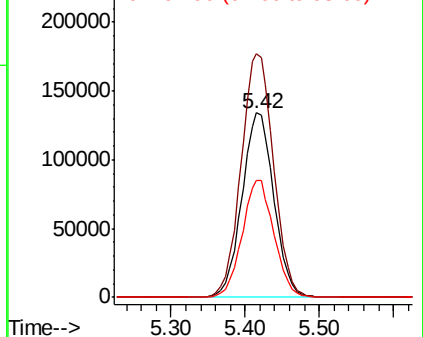
96 100

61 132.2 104.3 156.5

98 63.5 51.8 77.8



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



#22

Diisopropyl ether

Concen: 145.765 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Tgt Ion: 45 Resp: 1098764

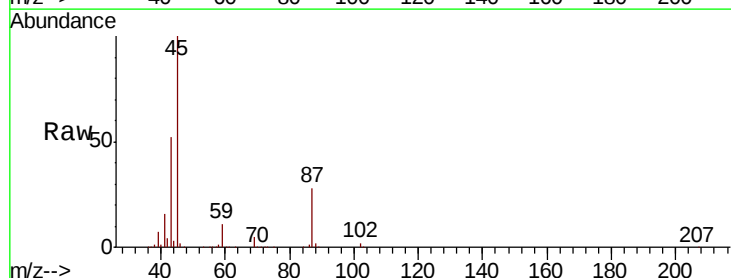
Ion Ratio Lower Upper

45 100

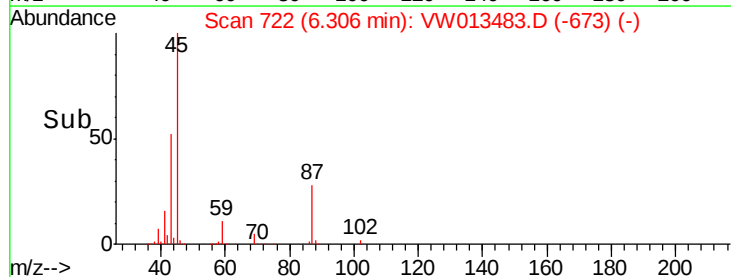
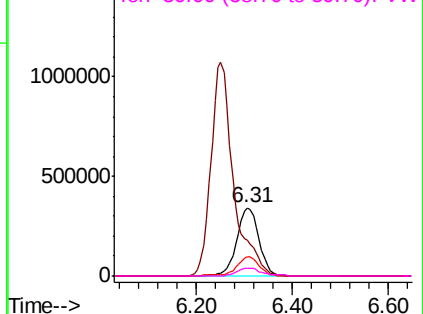
43 52.3 43.4 65.0

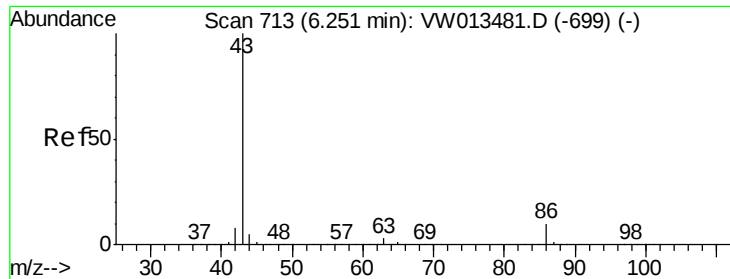
87 28.1 22.1 33.1

59 11.4 9.9 14.9



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





#23

Vinyl Acetate

Concen: 774.274 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

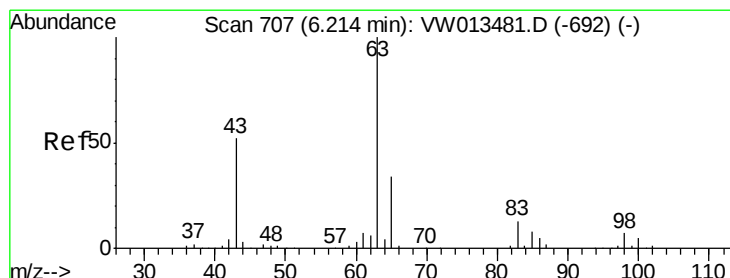
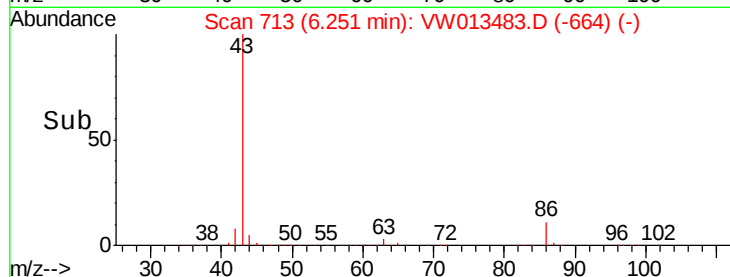
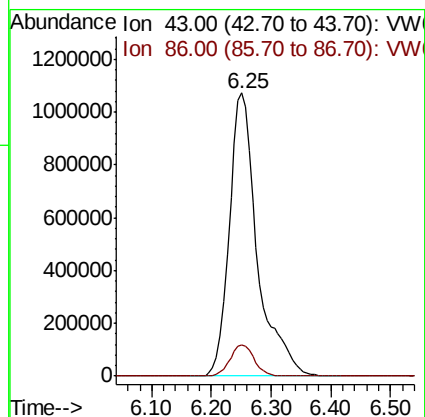
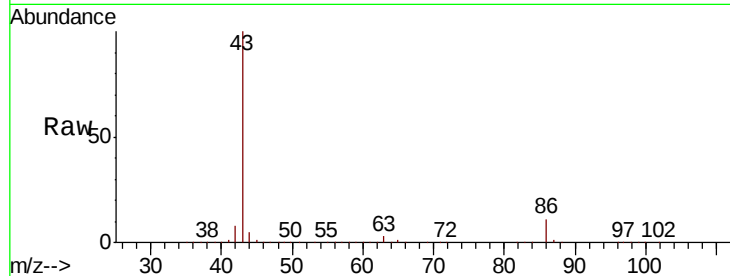
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3504012

Ion Ratio Lower Upper

43 100

86 11.2 8.3 12.5



#24

1,1-Dichloroethane

Concen: 145.181 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

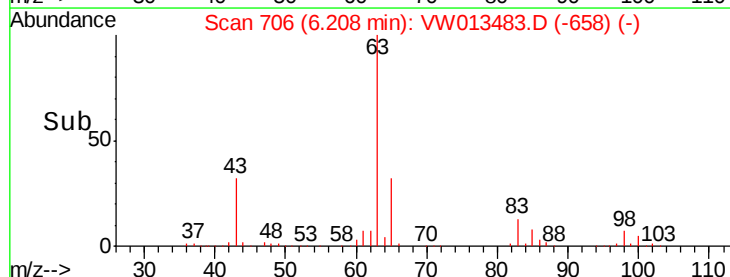
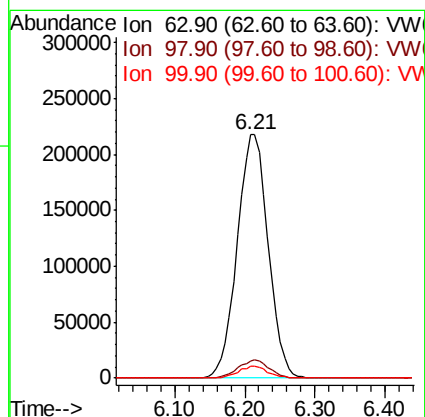
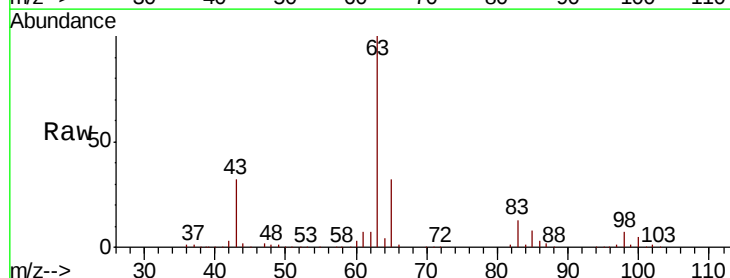
Tgt Ion: 63 Resp: 668887

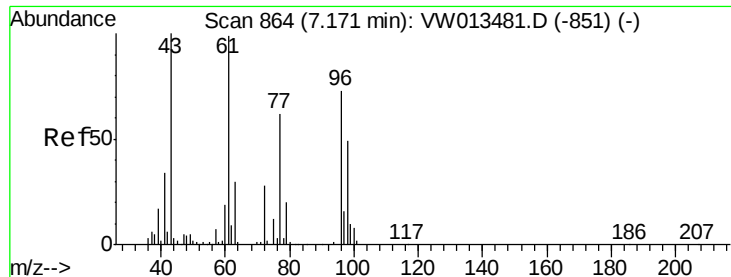
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 5.0 2.3 6.8





#25

2-Butanone

Concen: 751.842 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

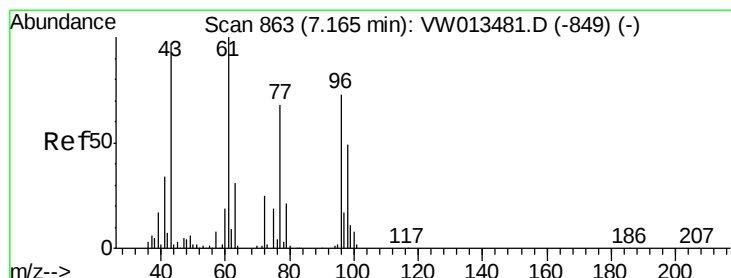
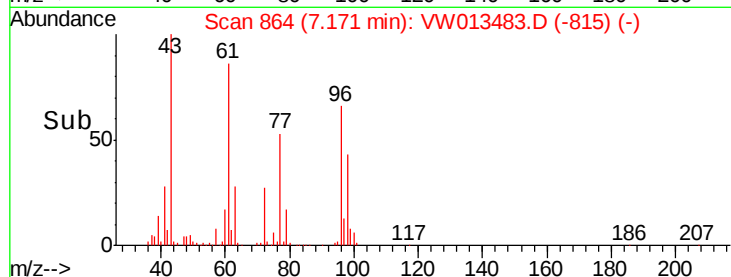
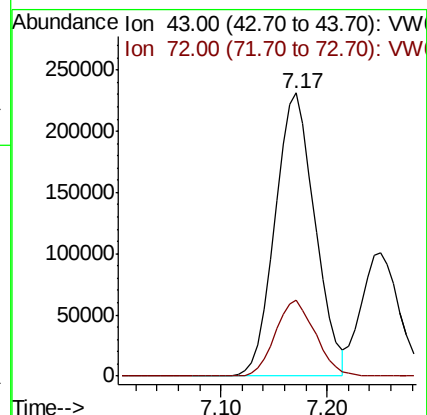
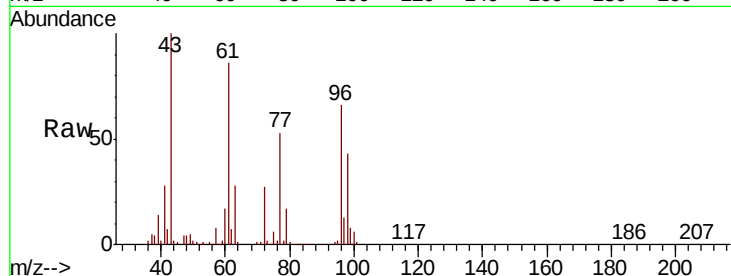
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 600904

Ion Ratio Lower Upper

43 100

72 27.0 22.1 33.1



#26

2,2-Dichloropropane

Concen: 131.968 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013483.D

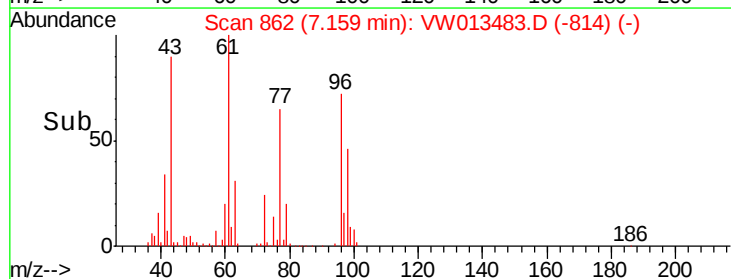
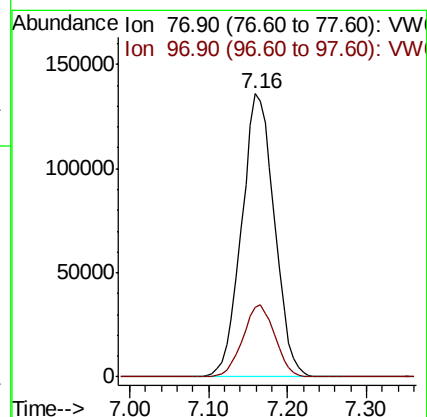
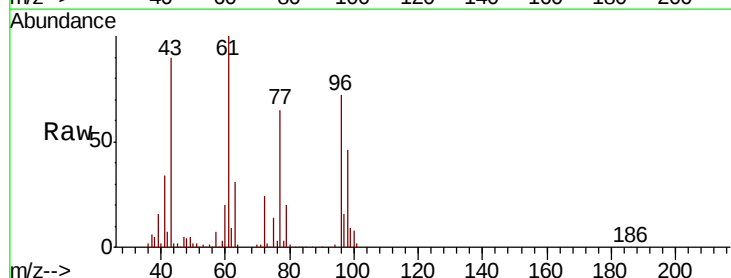
Acq: 08 Oct 2019 12:37

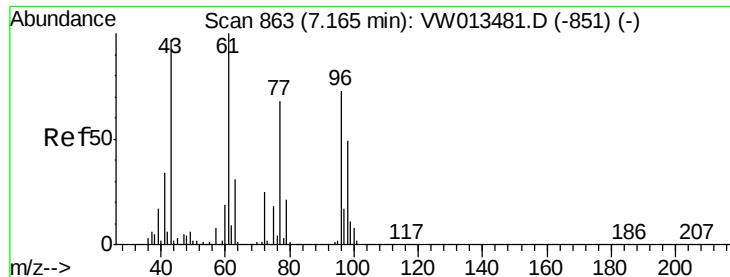
Tgt Ion: 77 Resp: 391961

Ion Ratio Lower Upper

77 100

97 25.2 12.6 37.6



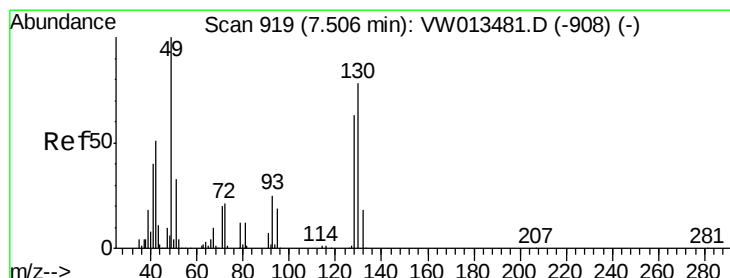
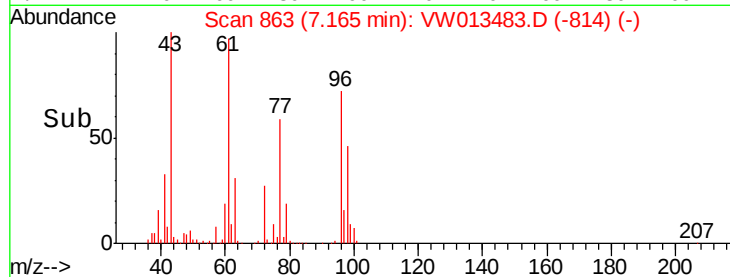
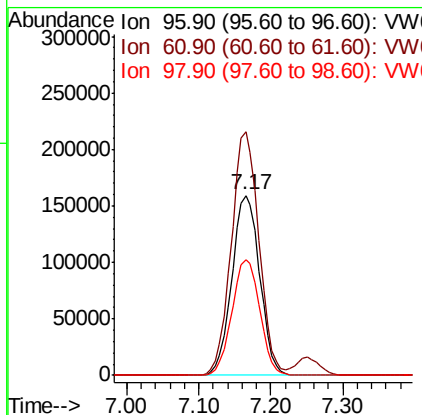
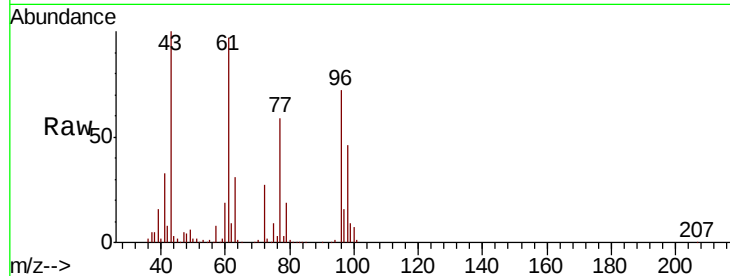


#27

cis-1,2-Dichloroethene
 Concen: 145.238 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Instrument :
 MSVOA_W
 ClientSampled :

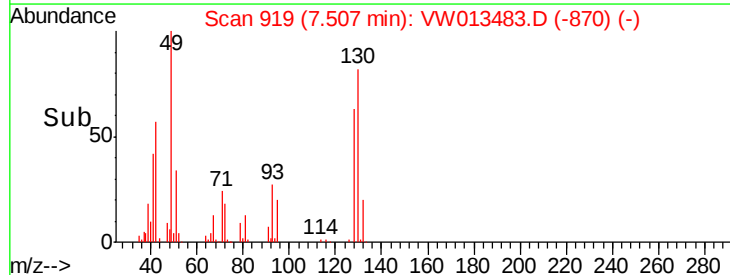
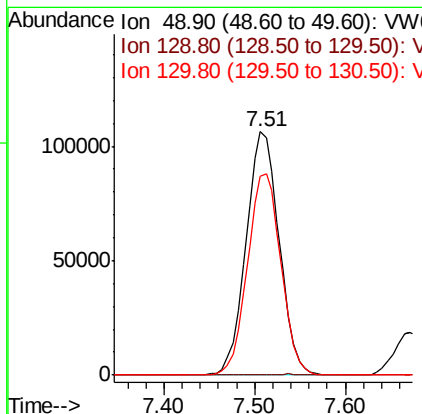
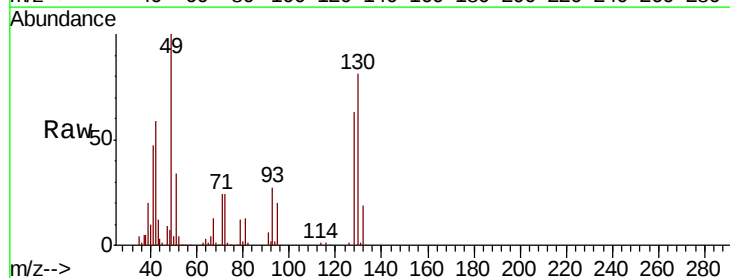
Tot Ion	96	Resp	427523
Ion Ratio	Lower	Upper	
96	100		
61	134.5	0.0	274.4
98	64.4	0.0	130.2

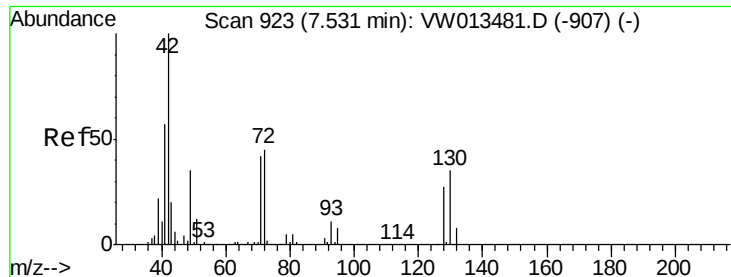


#28

Bromochloromethane
 Concen: 163.169 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Tgt Ion	49	Resp	268115
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	1.6
130	83.7	0.0	0.0#

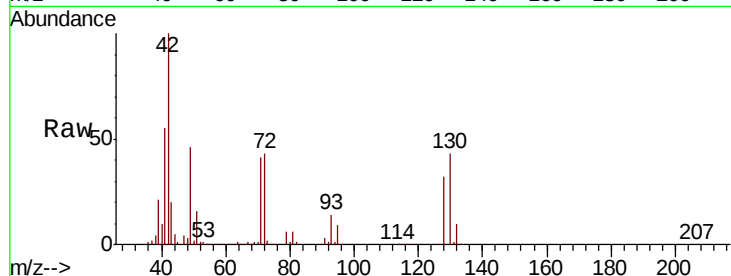




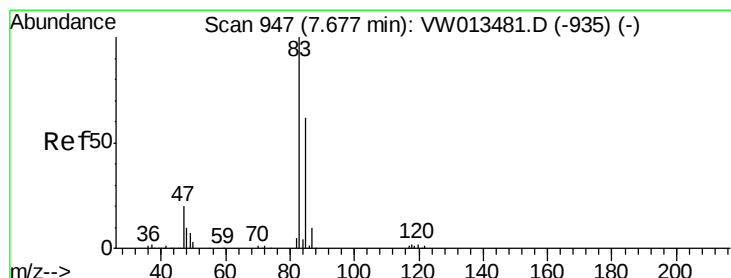
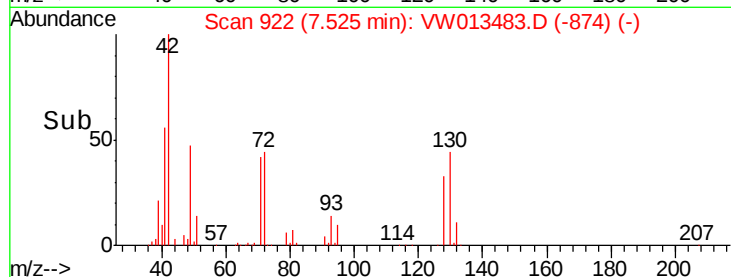
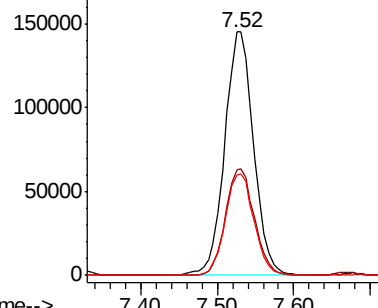
#29
Tetrahydrofuran
Concen: 784.460 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.8	52.2
71	41.4	33.6	50.4

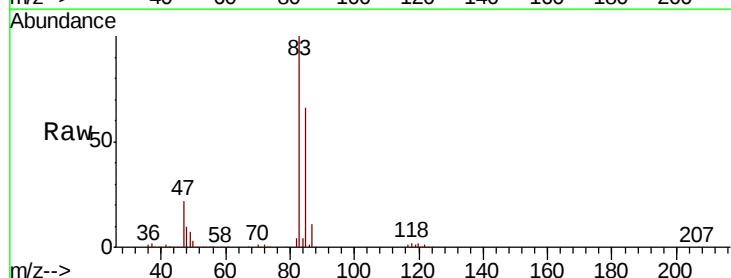


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

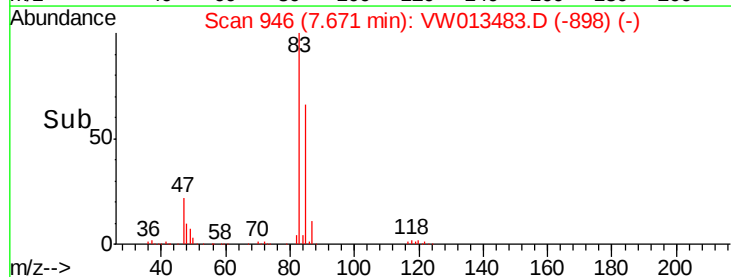
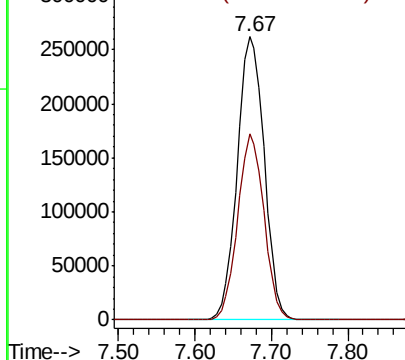


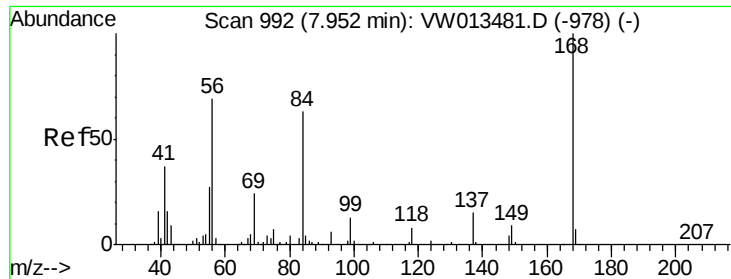
#30
Chloroform
Concen: 143.705 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	49.4	74.2



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

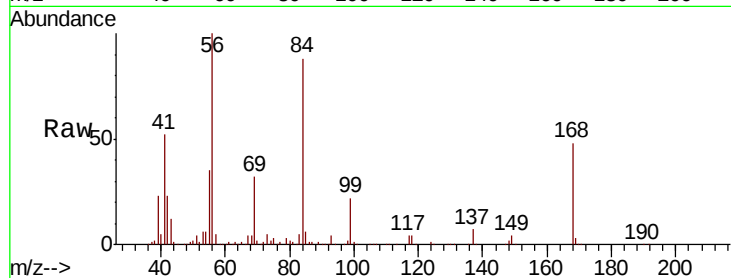




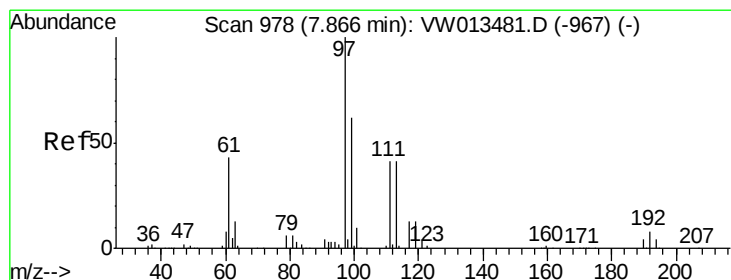
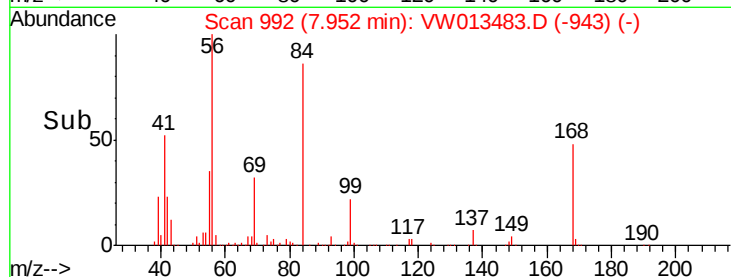
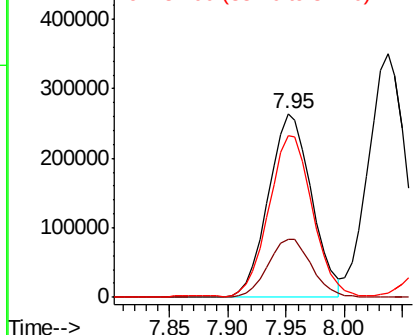
#31
Cyclohexane
Concen: 138.724 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 676485
Ion Ratio Lower Upper
56 100
69 31.9 28.0 42.0
84 87.4 71.8 107.6

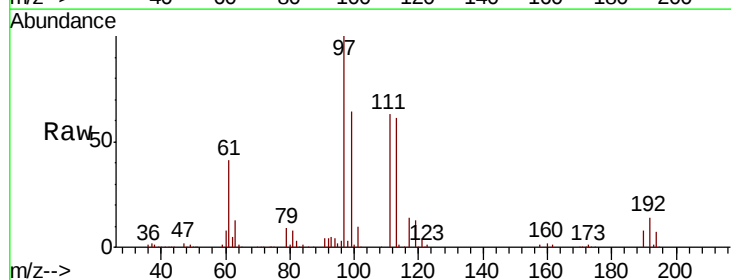


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

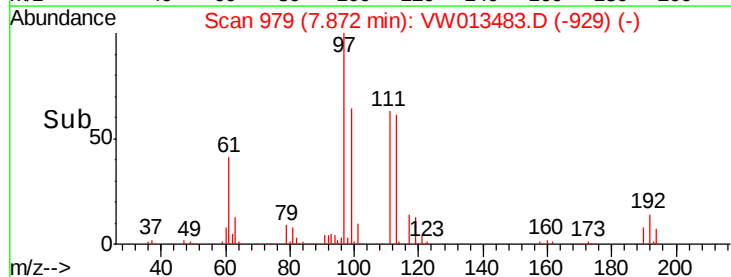
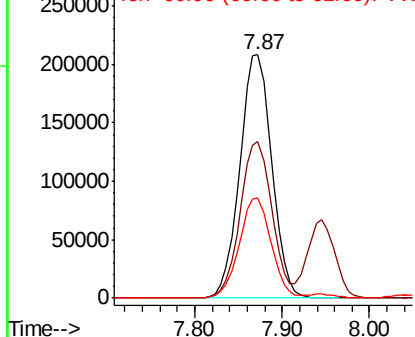


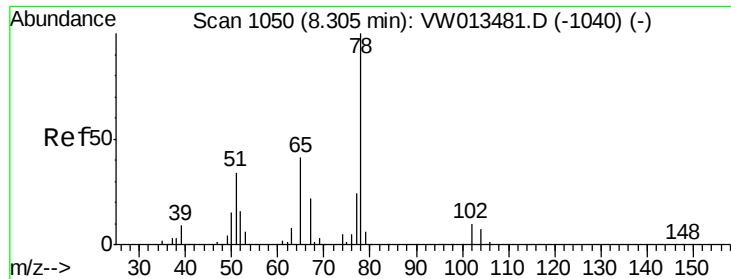
#32
1,1,1-Trichloroethane
Concen: 146.032 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 97 Resp: 529025
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 41.2 33.7 50.5



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: 149.086 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

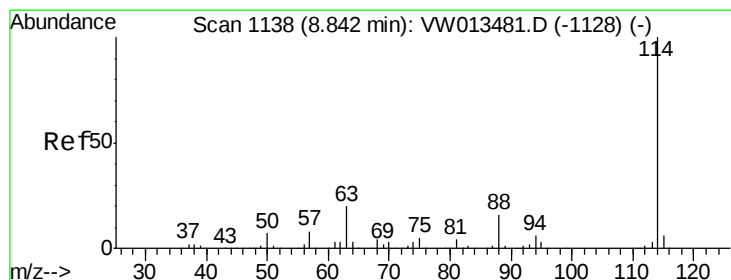
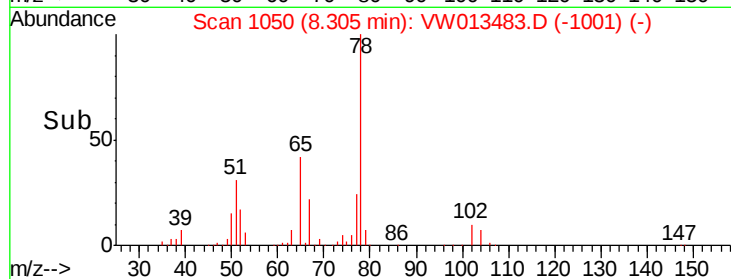
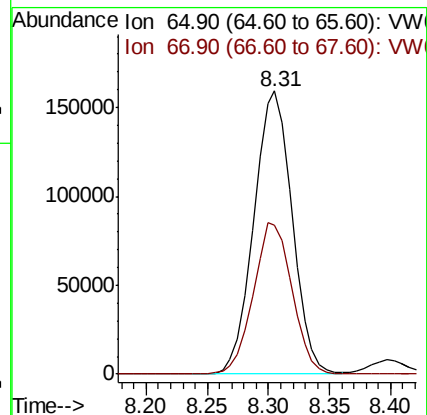
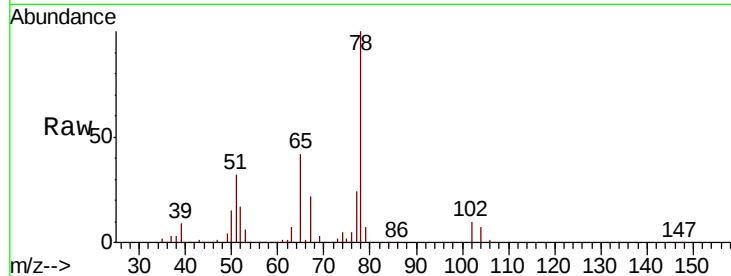
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 347439

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

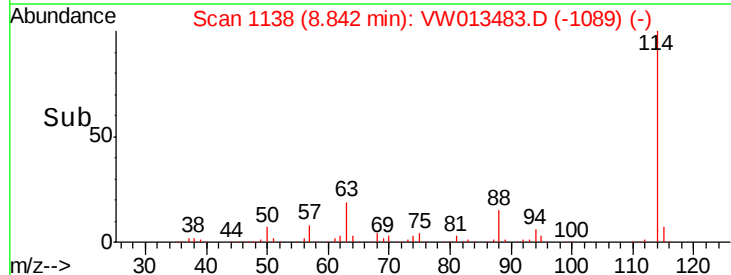
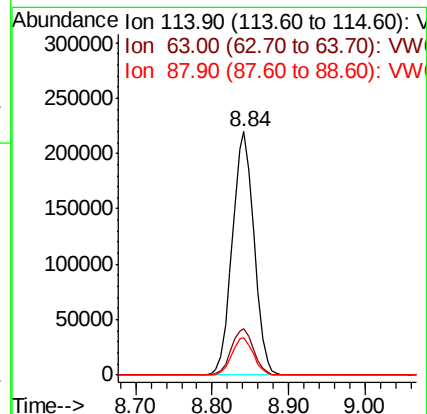
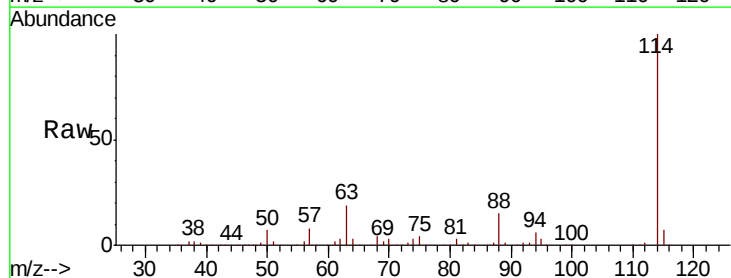
Tgt Ion: 114 Resp: 429621

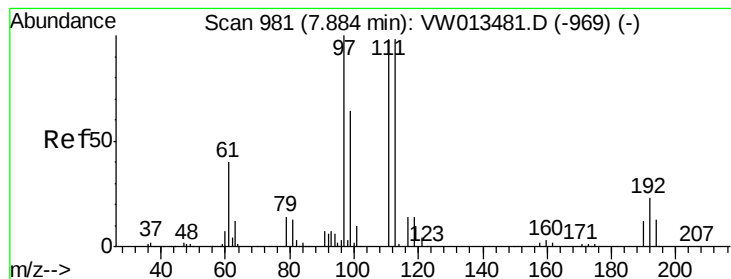
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.4

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 147.648 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

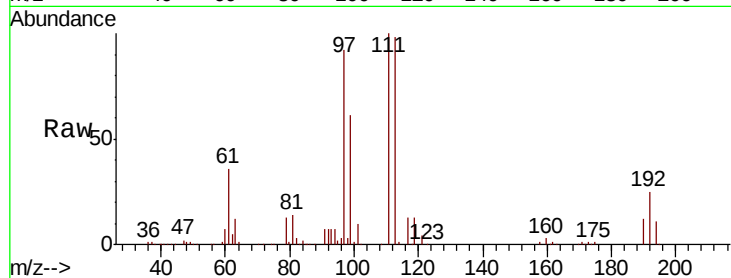
Tot Ion:113 Resp: 354284

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

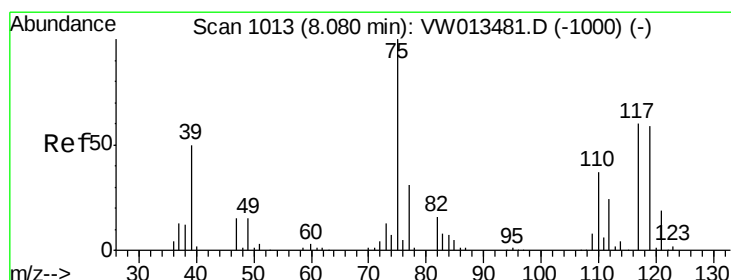
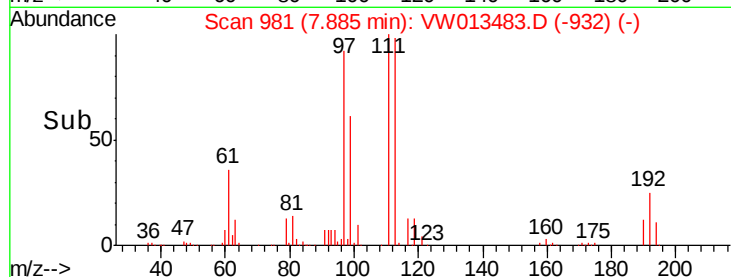
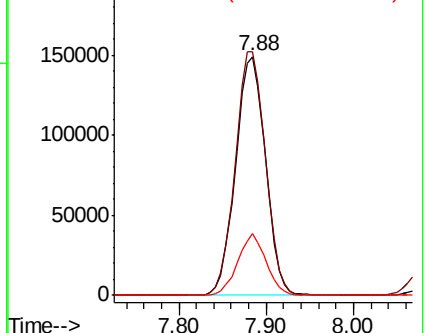
192 24.4 19.3 28.9



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: 142.467 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

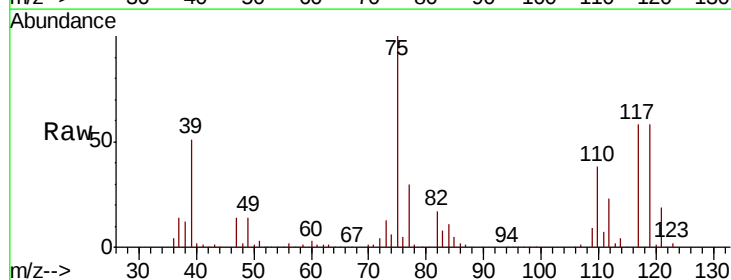
Tgt Ion: 75 Resp: 553690

Ion Ratio Lower Upper

75 100

110 36.9 18.4 55.2

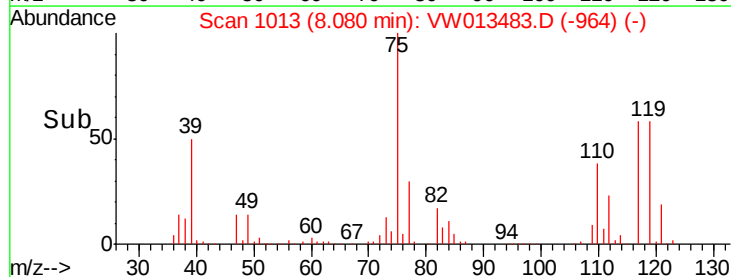
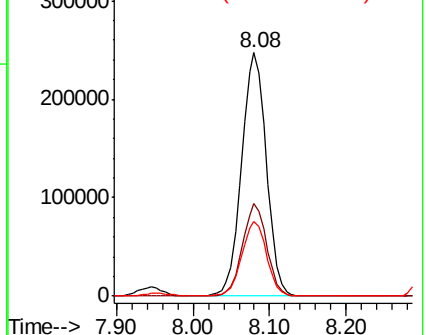
77 30.9 25.0 37.4

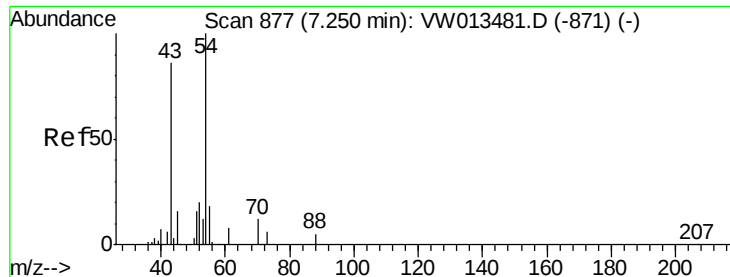


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 146.760 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

ClientSampled :

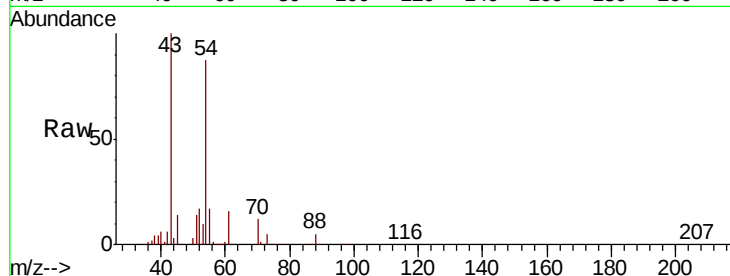
Tot Ion: 43 Resp: 258791

Ion Ratio Lower Upper

43 100

61 14.1 10.9 16.3

70 11.3 9.2 13.8

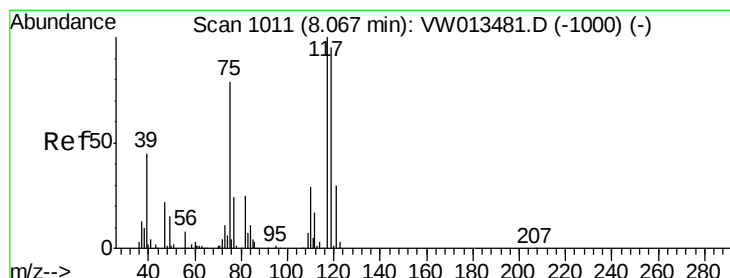
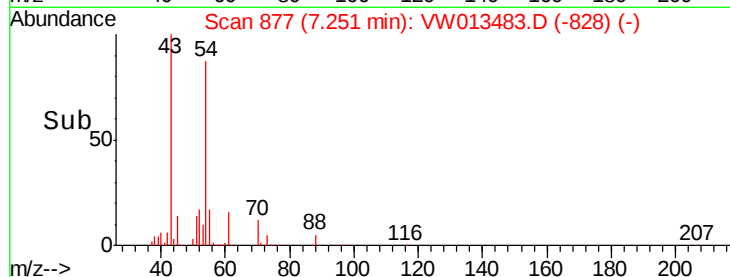
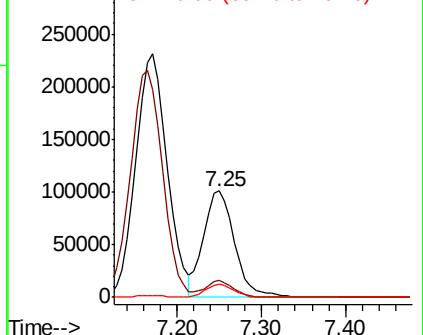


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 147.151 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

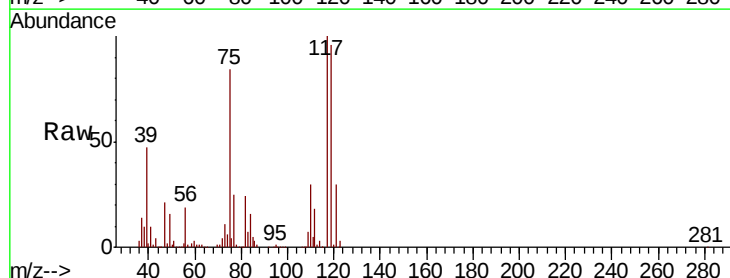
Tgt Ion: 117 Resp: 506977

Ion Ratio Lower Upper

117 100

119 95.5 76.3 114.5

121 30.3 23.6 35.4

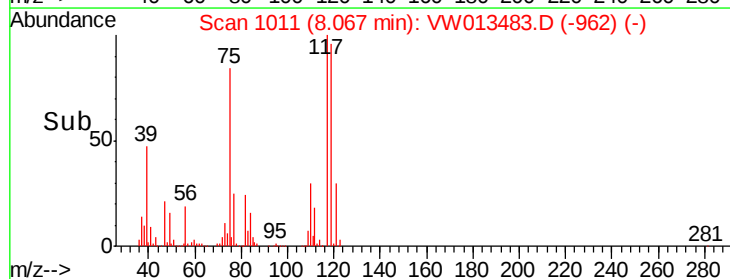
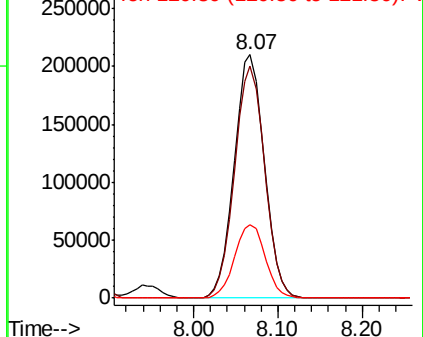


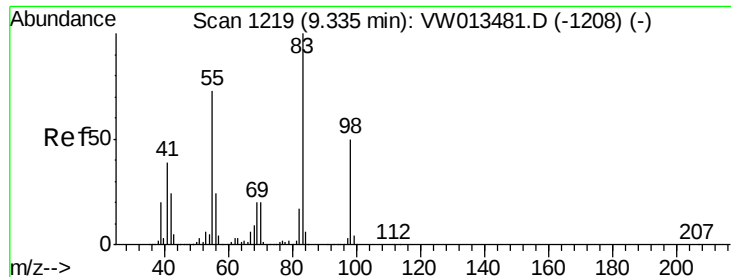
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

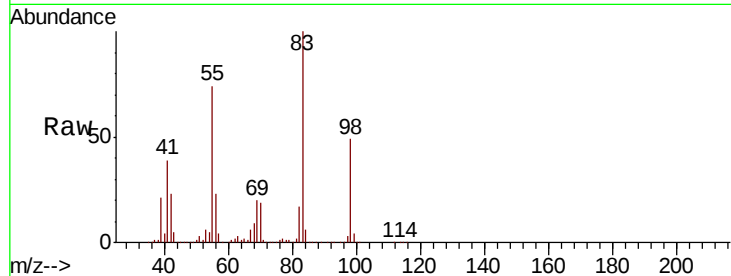




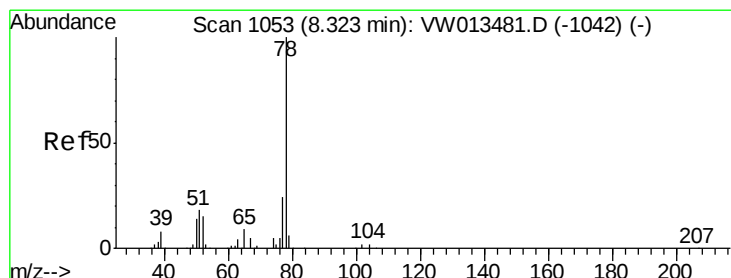
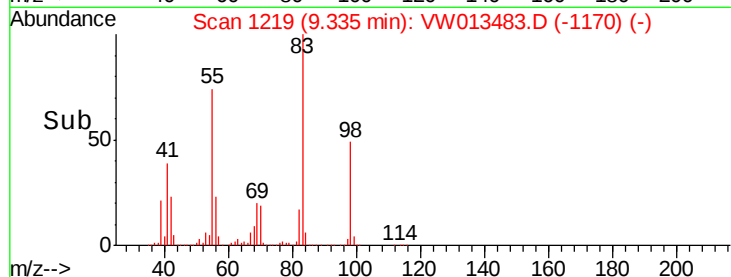
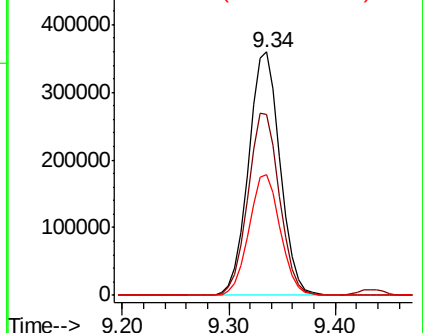
#39
Methvlcvclohexane
Concen: 148.350 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 746975
Ion Ratio Lower Upper
83 100
55 74.2 58.2 87.4
98 49.4 39.8 59.6

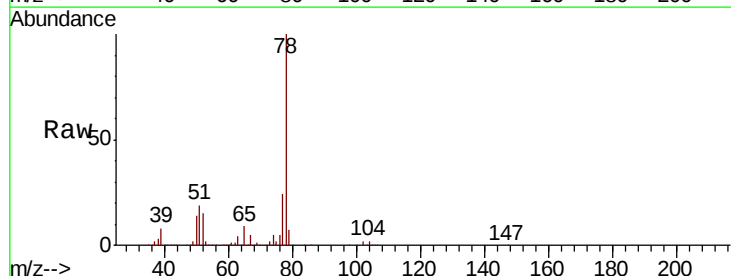


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

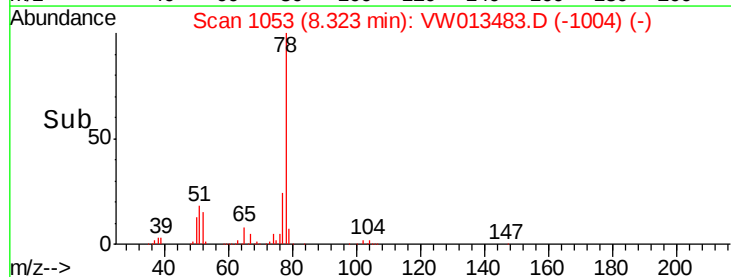
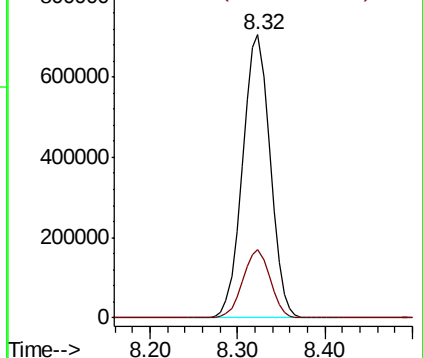


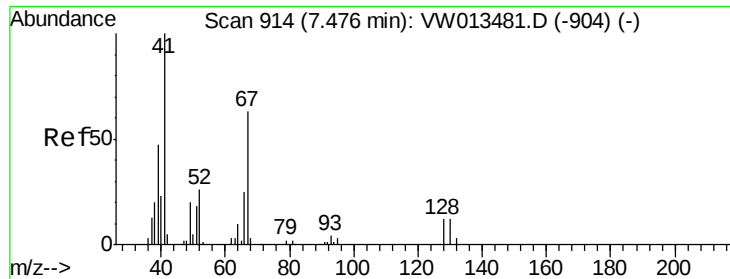
#40
Benzene
Concen: 142.388 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 78 Resp: 1544758
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

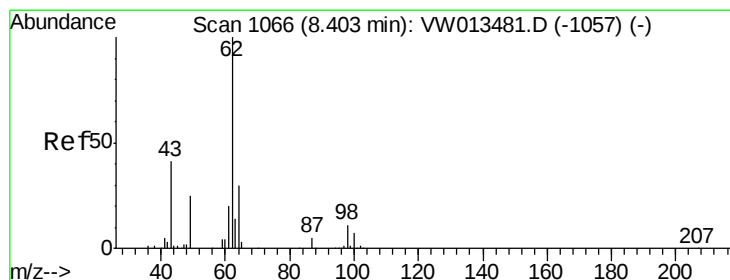
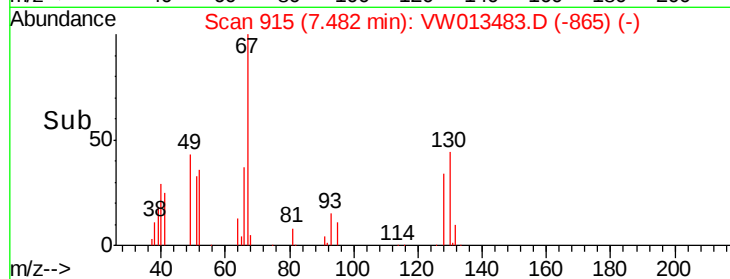
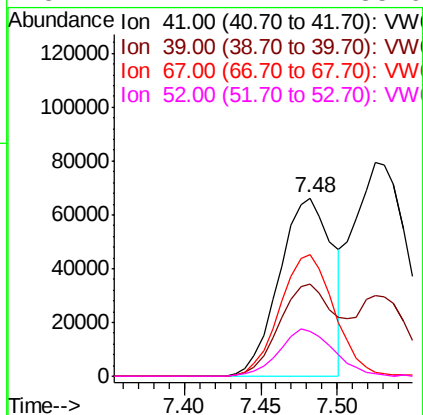
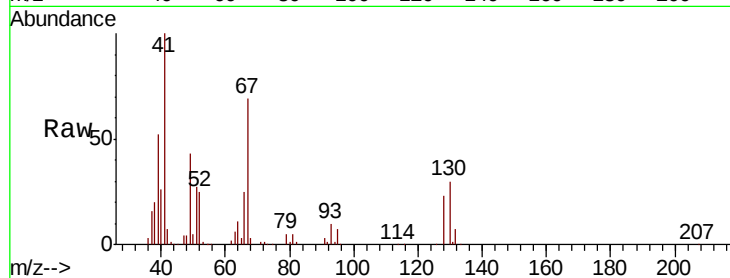




#41
Methacrylonitrile
Concen: 160.142 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

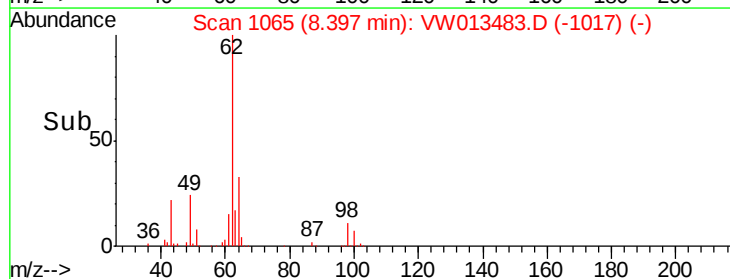
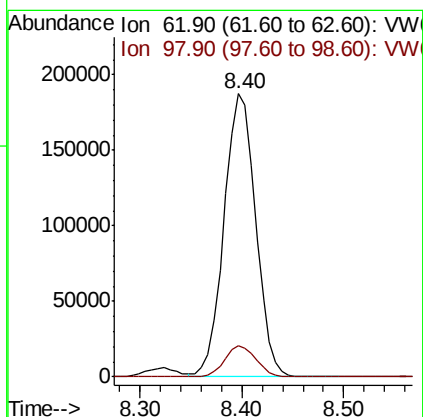
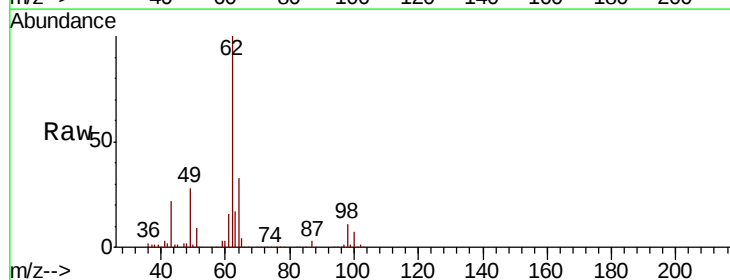
Instrument :
MSVOA_W
ClientSampleId :

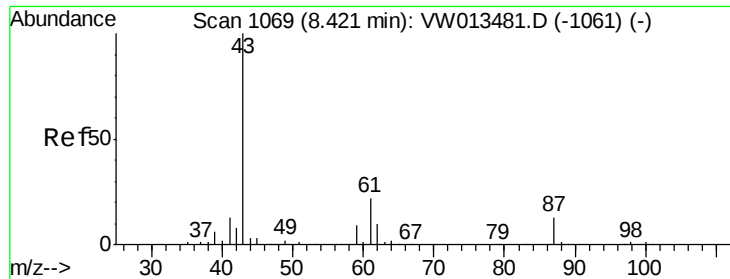
Tot Ion:	41	Resp:	160579
Ion	Ratio	Lower	Upper
41	100		
39	55.9	39.4	59.0
67	69.9	57.0	85.6
52	27.4	22.4	33.6



#42
1,2-Dichloroethane
Concen: 146.565 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion:	62	Resp:	401908
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.4





#43

Isopropyl Acetate

Concen: 154.794 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

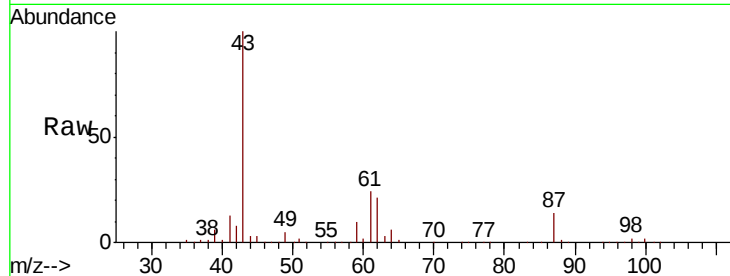
Tot Ion: 43 Resp: 493137

Ion Ratio Lower Upper

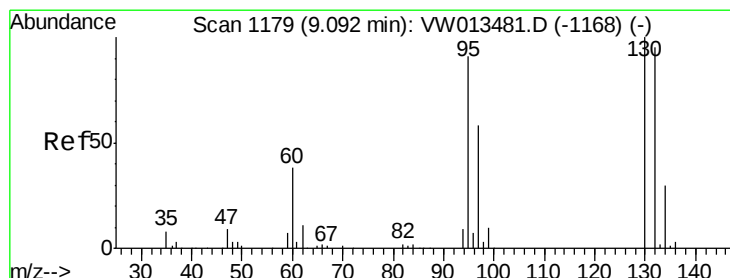
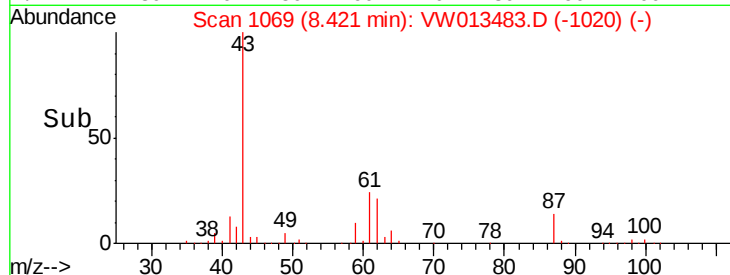
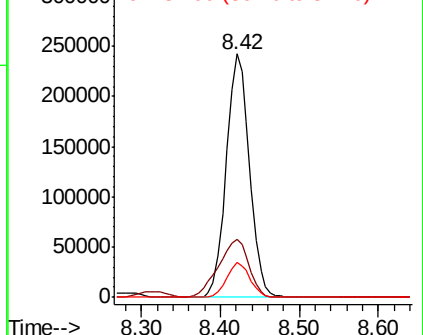
43 100

61 31.2 25.4 38.2

87 14.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 144.885 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013483.D

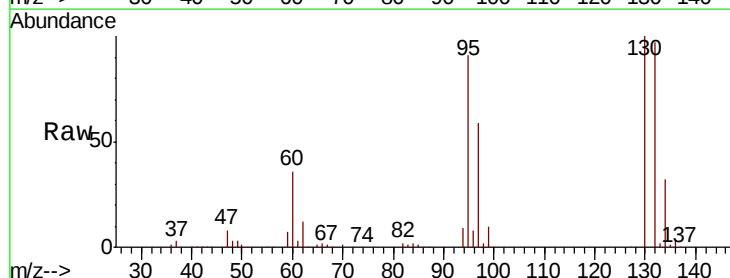
Acq: 08 Oct 2019 12:37

Tgt Ion: 130 Resp: 448413

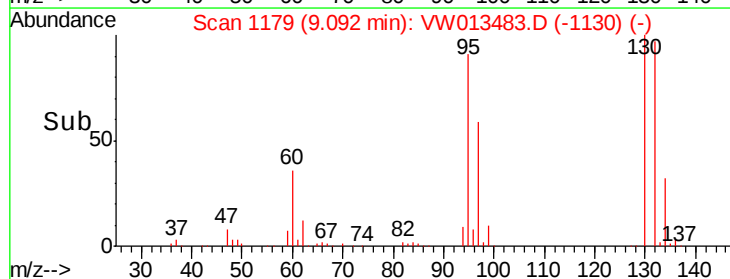
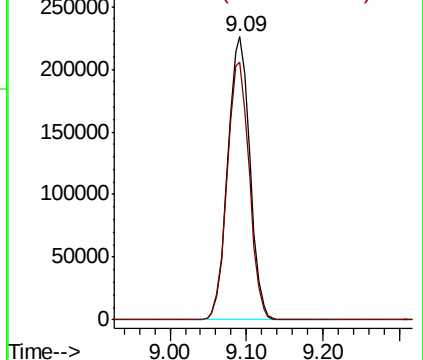
Ion Ratio Lower Upper

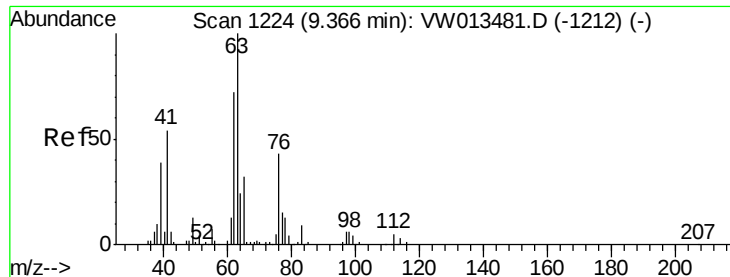
130 100

95 91.1 0.0 182.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

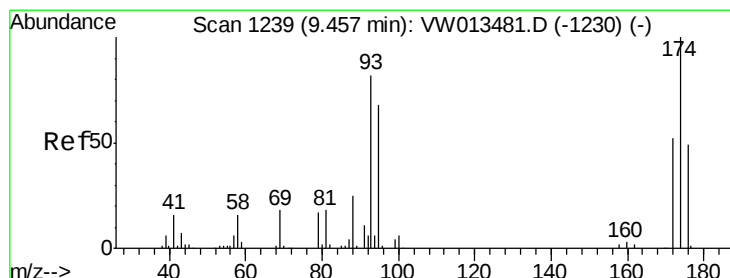
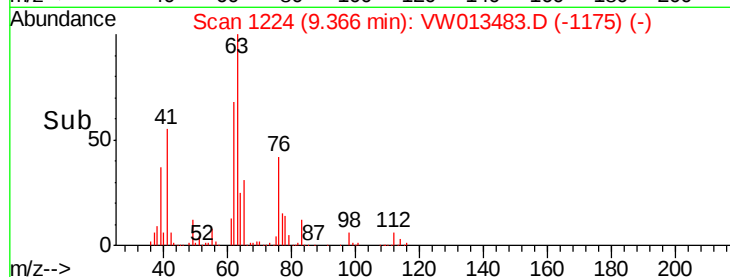
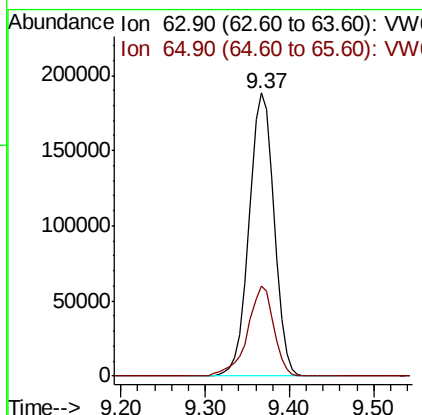
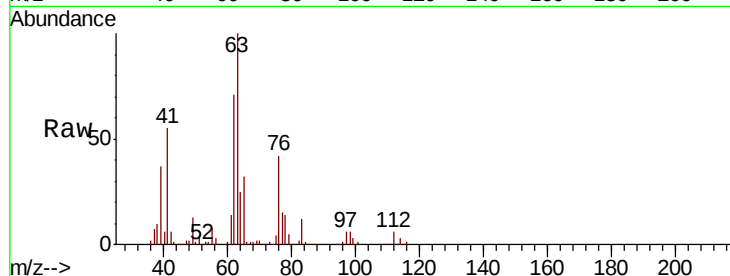




#45
 1,2-Dichloropropane
 Concen: 144.870 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

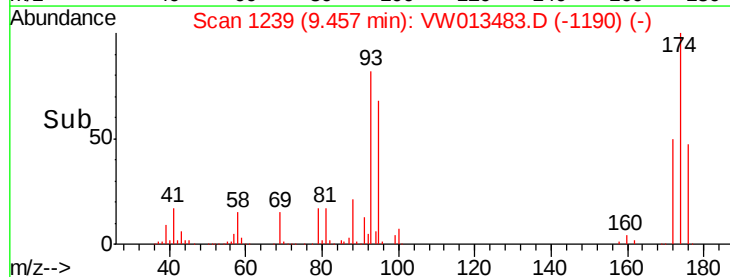
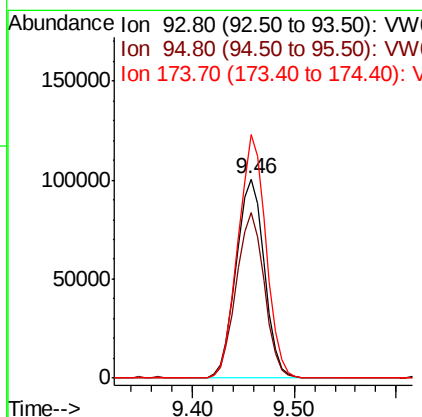
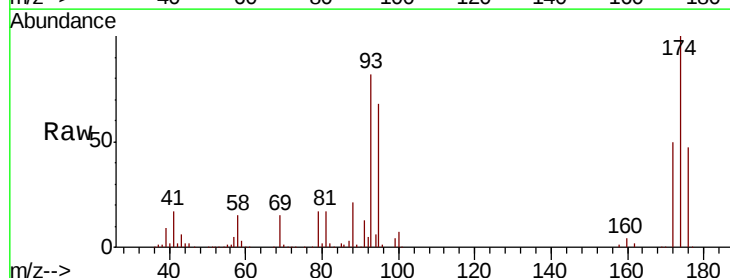
Instrument :
 MSVOA_W
 ClientSampled :

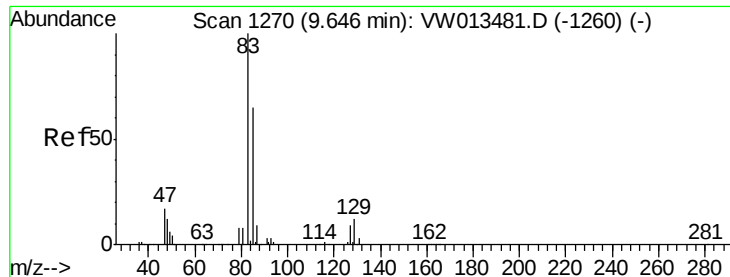
Tot Ion: 63 Resp: 377231
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.8 38.6



#46
 Dibromomethane
 Concen: 148.917 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Tgt Ion: 93 Resp: 193180
 Ion Ratio Lower Upper
 93 100
 95 82.5 68.0 102.0
 174 121.0 97.0 145.6





#47

Bromodichloromethane

Concen: 150.413 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

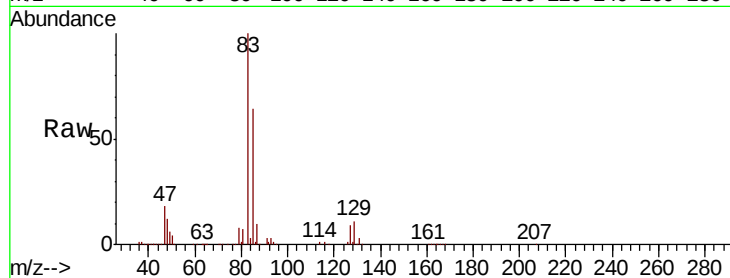
Tot Ion: 83 Resp: 485032

Ion Ratio Lower Upper

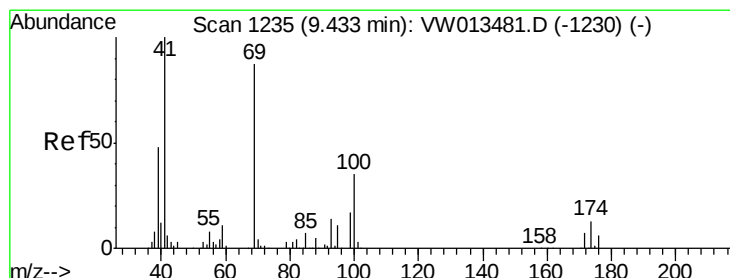
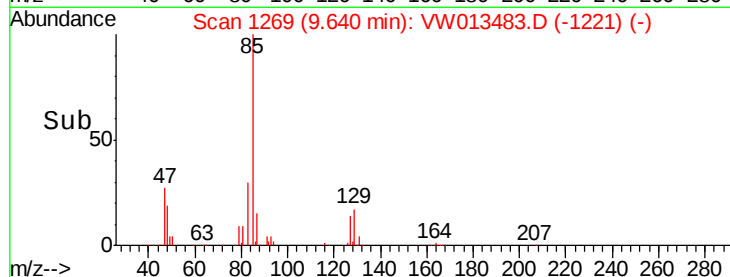
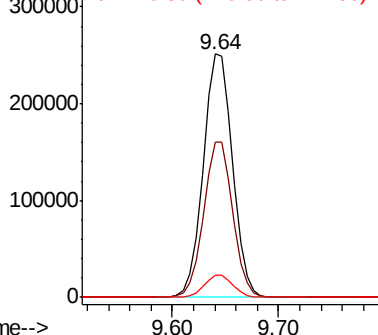
83 100

85 63.6 51.9 77.9

127 9.1 7.4 11.2



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



#48

Methyl methacrylate

Concen: 159.164 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

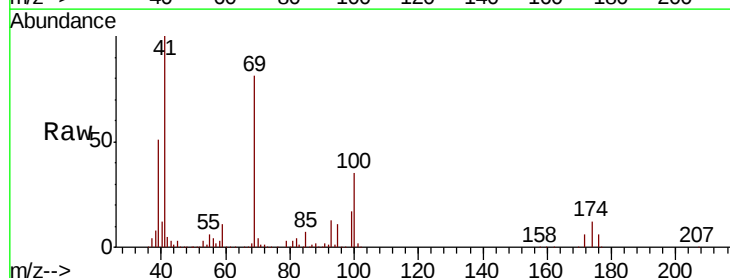
Tgt Ion: 41 Resp: 249767

Ion Ratio Lower Upper

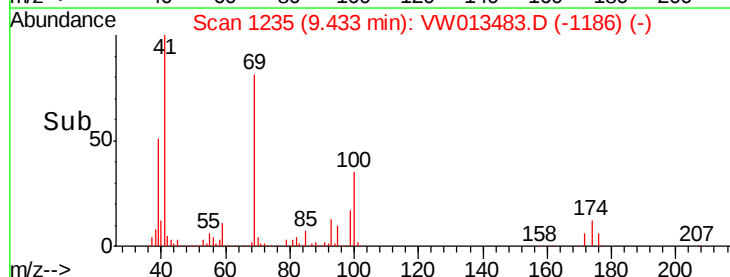
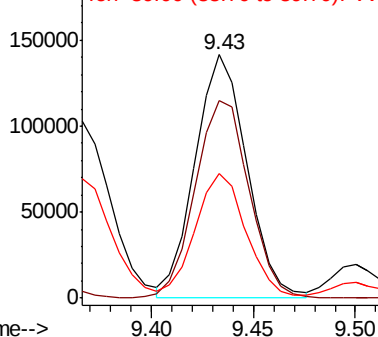
41 100

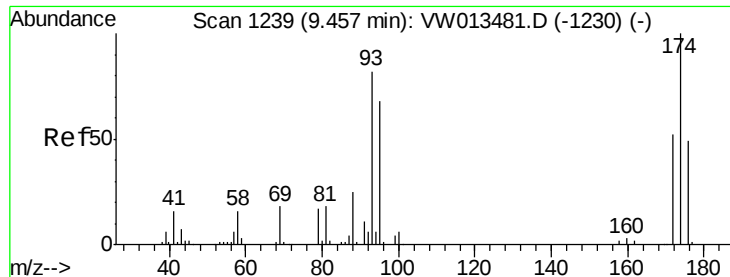
69 84.5 70.4 105.6

39 47.8 37.3 55.9



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





#49

1,4-Dioxane

Concen: 2937.105 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_W
ClientSampled :

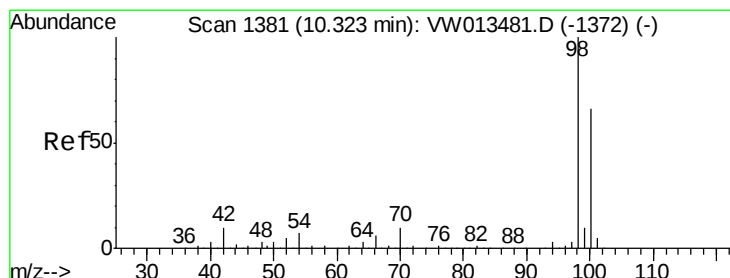
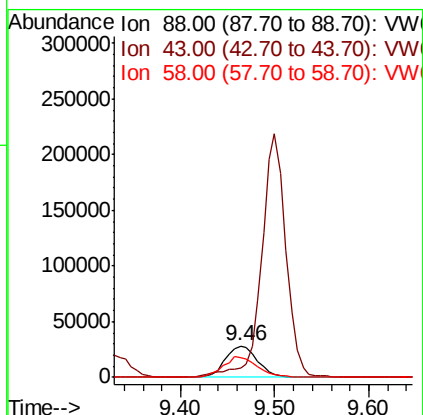
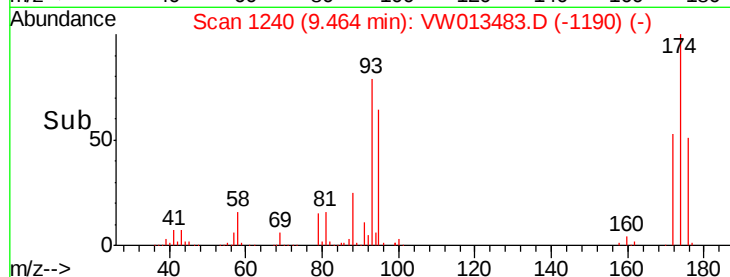
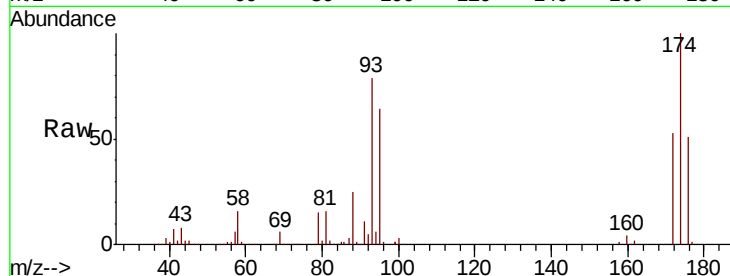
Tot Ion: 88 Resp: 66901

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.5 60.0 90.0



#50

Toluene-d8

Concen: 148.511 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013483.D

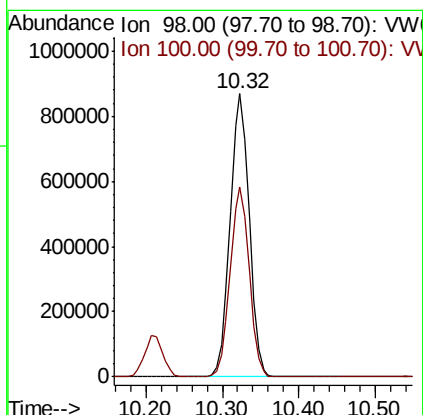
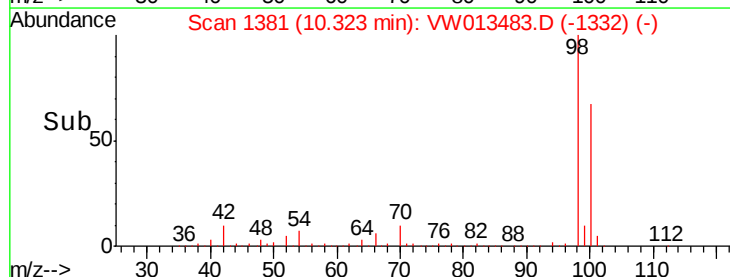
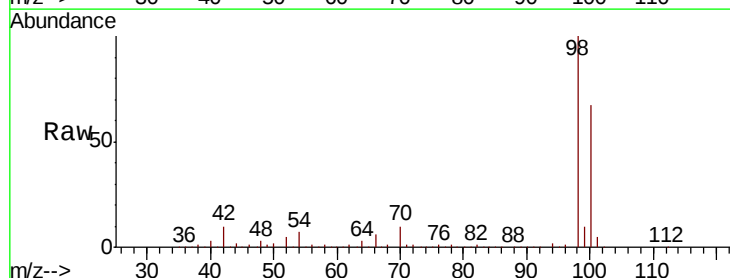
Acq: 08 Oct 2019 12:37

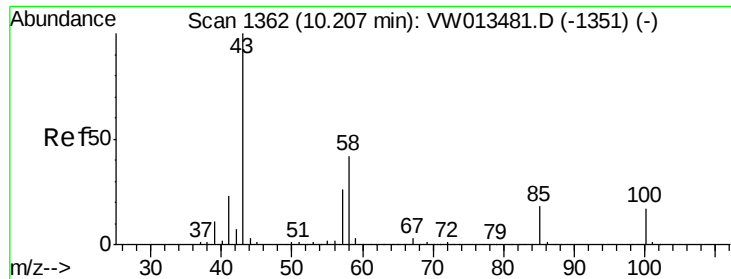
Tgt Ion: 98 Resp: 1497558

Ion Ratio Lower Upper

98 100

100 67.0 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 756.930 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

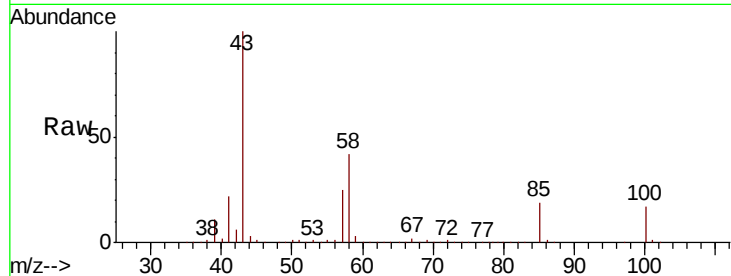
ClientSampled :

Tot Ion: 43 Resp: 1267764

Ion Ratio Lower Upper

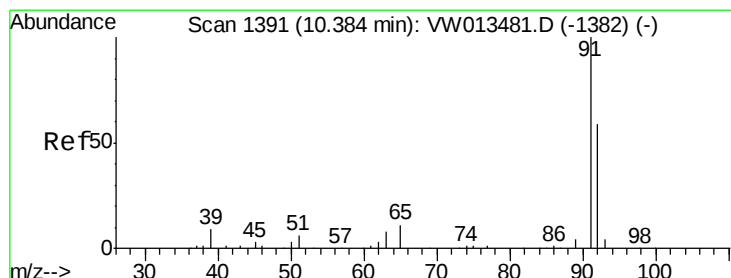
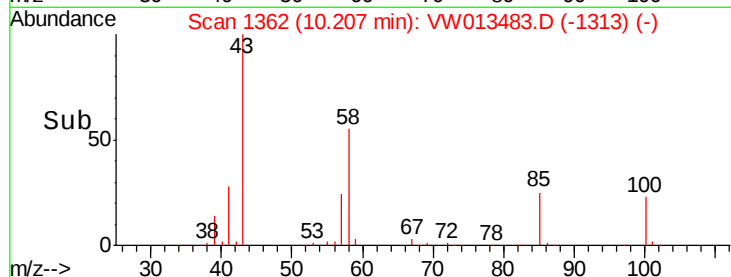
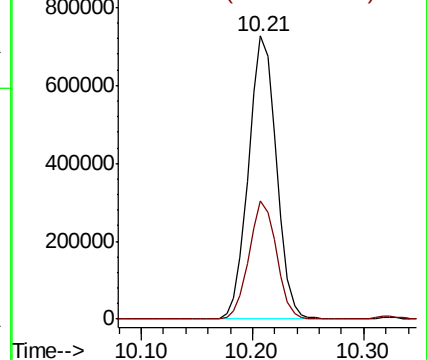
43 100

58 41.1 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 142.974 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013483.D

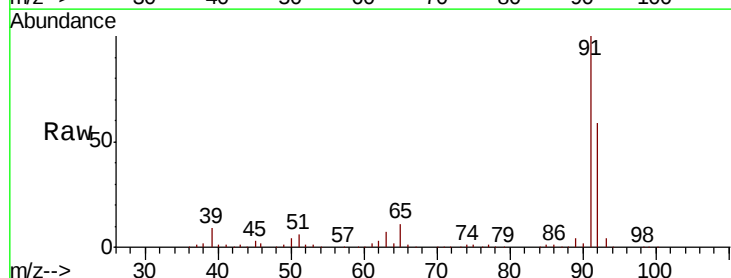
Acq: 08 Oct 2019 12:37

Tgt Ion: 92 Resp: 999148

Ion Ratio Lower Upper

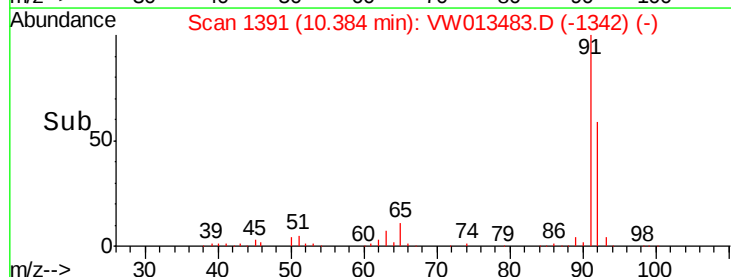
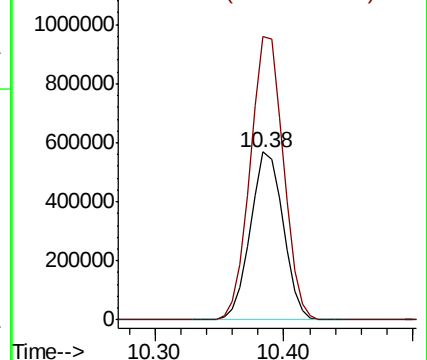
92 100

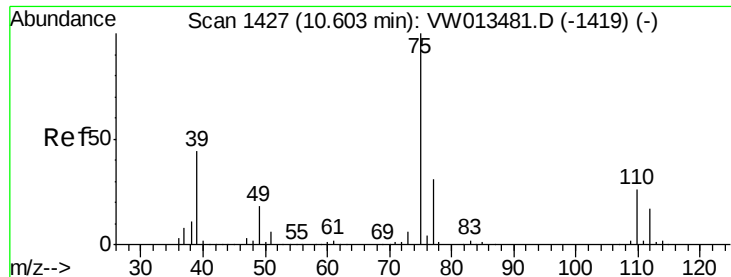
91 170.2 134.8 202.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

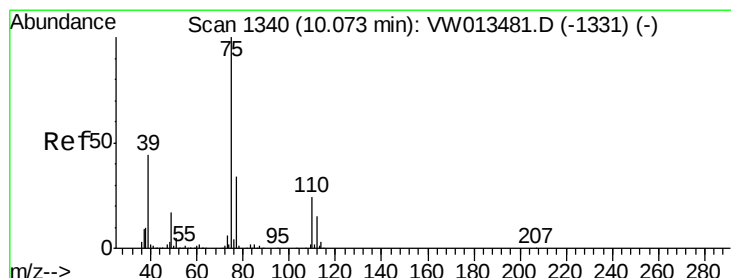
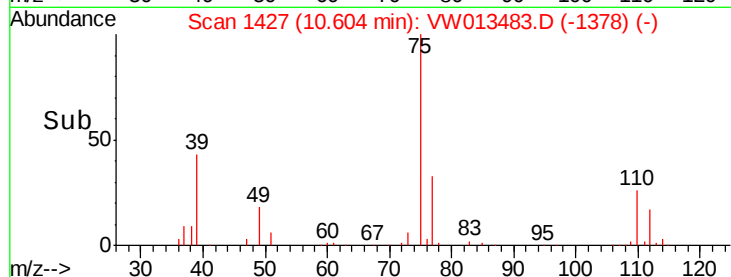
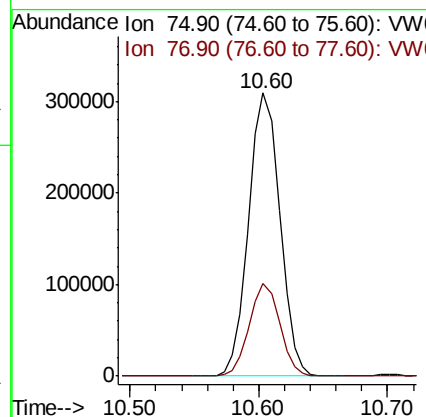
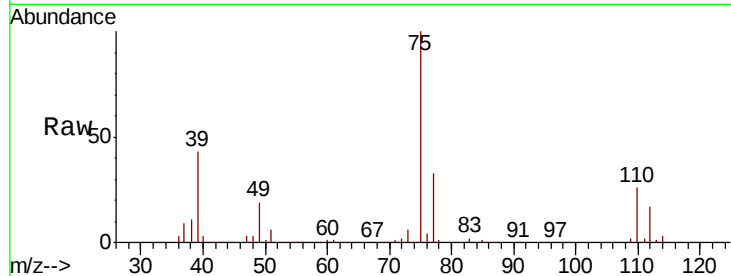




#53
 t-1,3-Dichloropropene
 Concen: 155.071 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

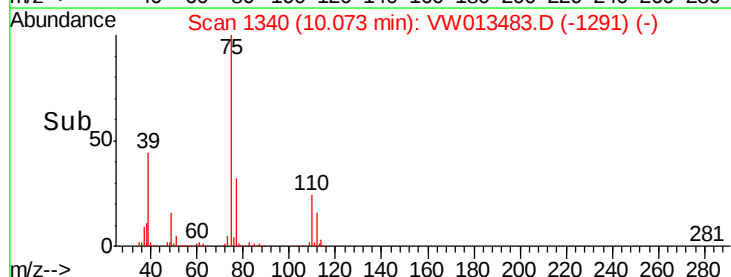
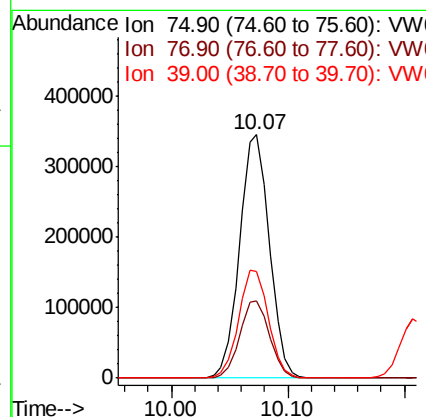
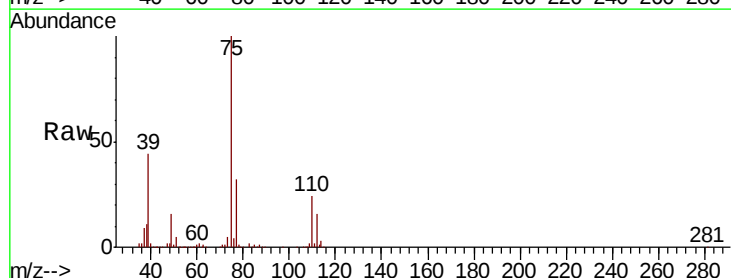
Instrument :
 MSVOA_W
 ClientSampleId :

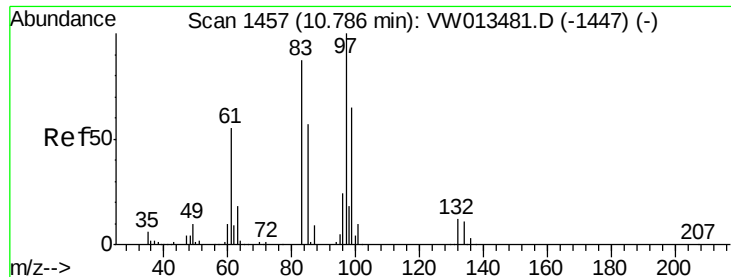
Tot Ion: 75 Resp: 519607
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 151.934 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Tgt Ion: 75 Resp: 616776
 Ion Ratio Lower Upper
 75 100
 77 31.9 27.0 40.4
 39 43.8 35.0 52.4

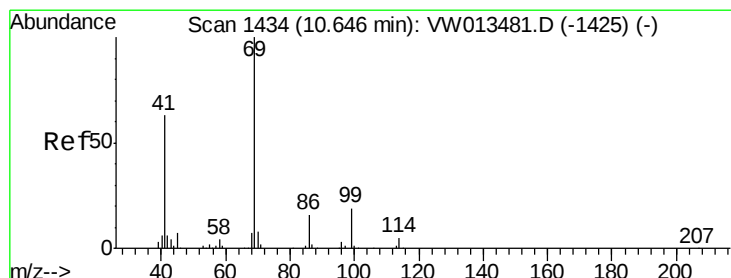
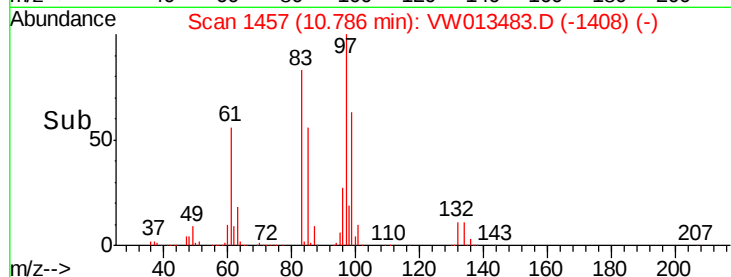
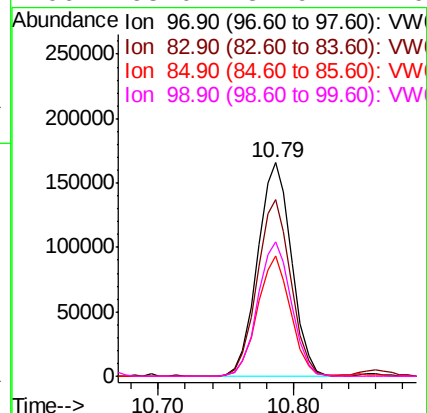
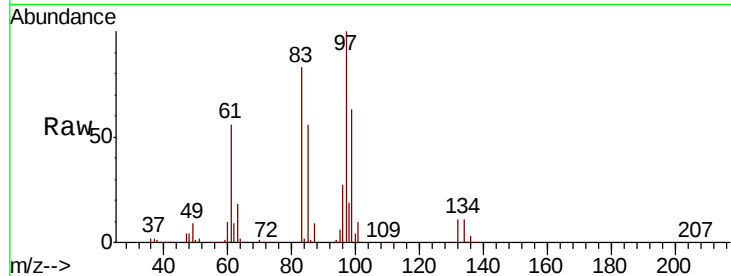




#55
 1,1,2-Trichloroethane
 Concen: 148.664 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

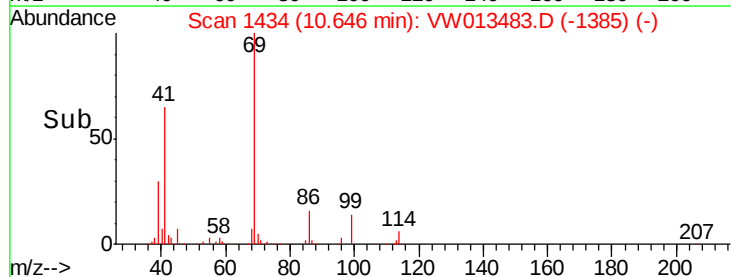
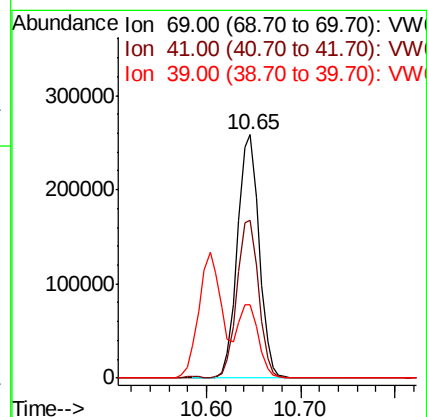
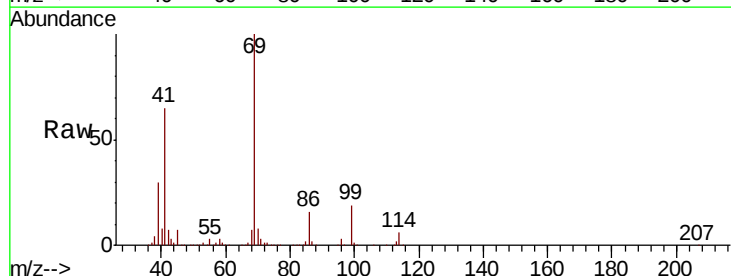
Instrument :
 MSVOA_W
 ClientSampleId :

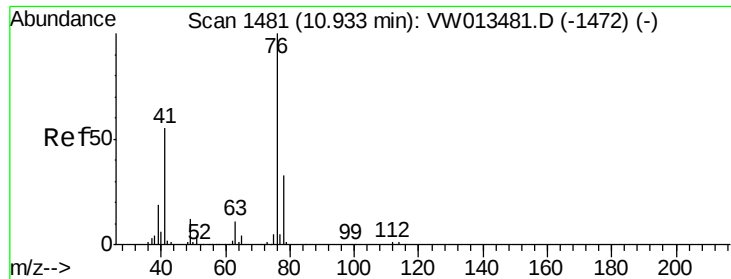
Tot Ion:	97	Resp:	289470
Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.8	104.8
85	56.1	45.4	68.0
99	63.0	51.9	77.9



#56
 Ethyl methacrylate
 Concen: 157.794 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Tgt Ion:	69	Resp:	413814
Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.8	77.6
39	27.6	21.7	32.5





#57

1,3-Dichloropropane

Concen: 148.567 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

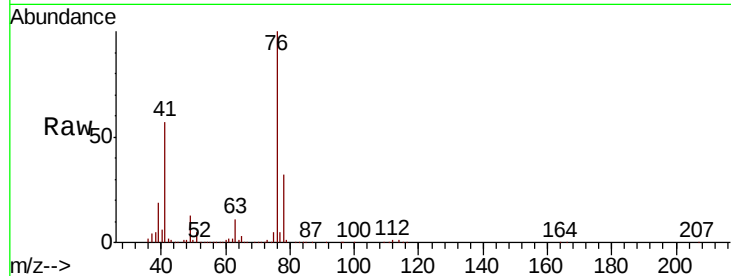
ClientSampleId :

Tot Ion: 76 Resp: 496724

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

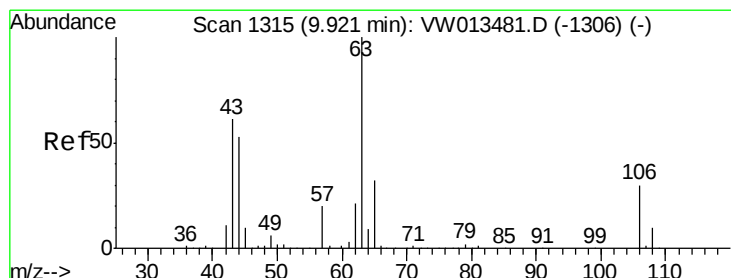
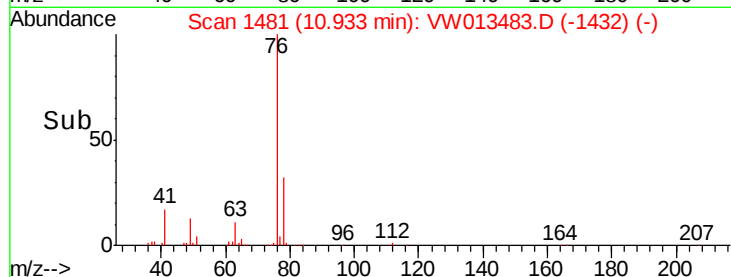
300000

200000

100000

0

Time--> 10.80 10.90 11.00



#58

2-Chloroethyl Vinyl ether

Concen: 788.334 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW013483.D

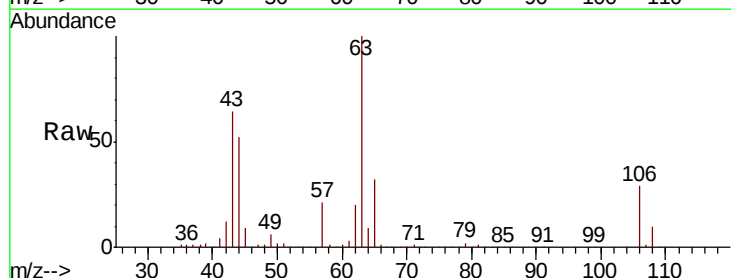
Acq: 08 Oct 2019 12:37

Tgt Ion: 63 Resp: 975355

Ion Ratio Lower Upper

63 100

106 30.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.92

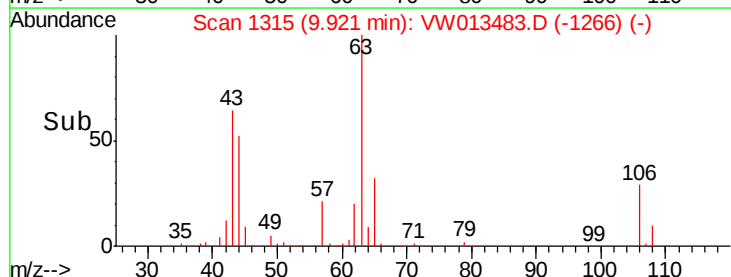
600000

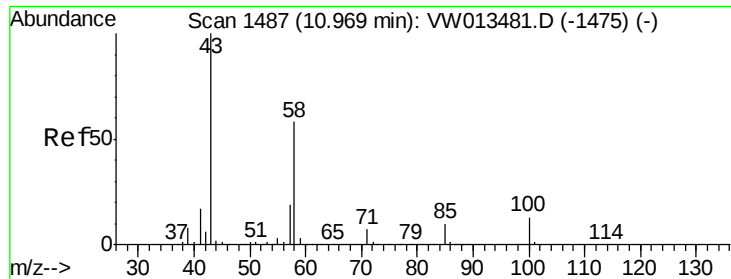
400000

200000

0

Time--> 9.80 9.90 10.00

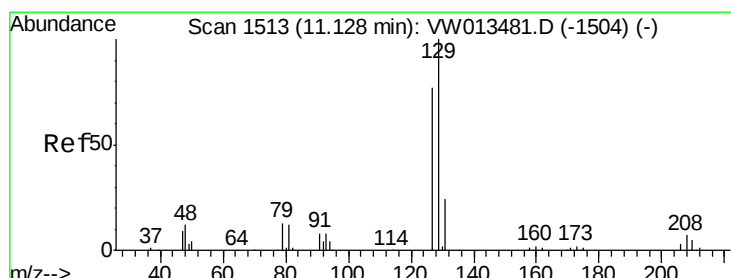
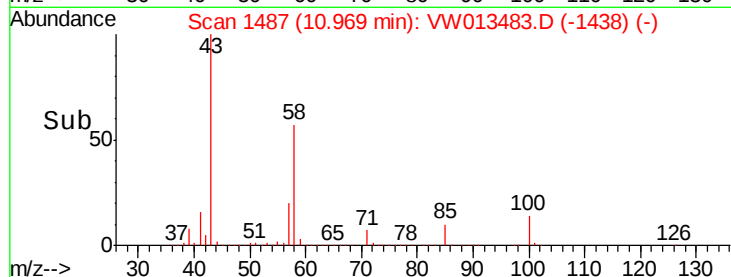
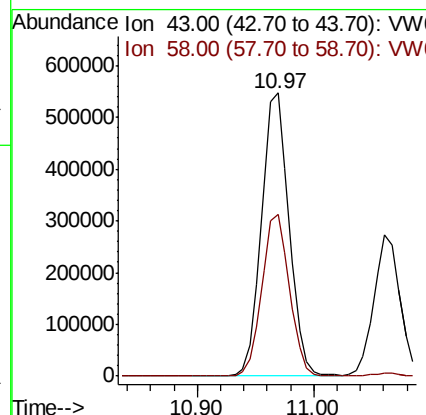
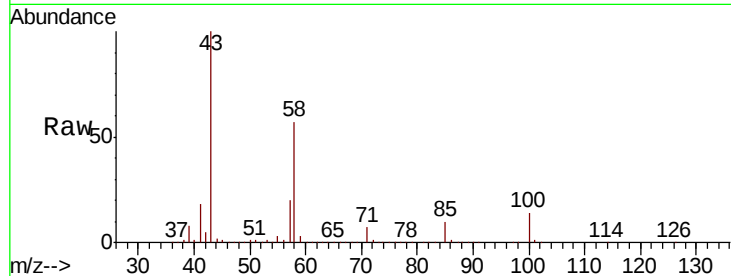




#59
2-Hexanone
Concen: 783.498 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

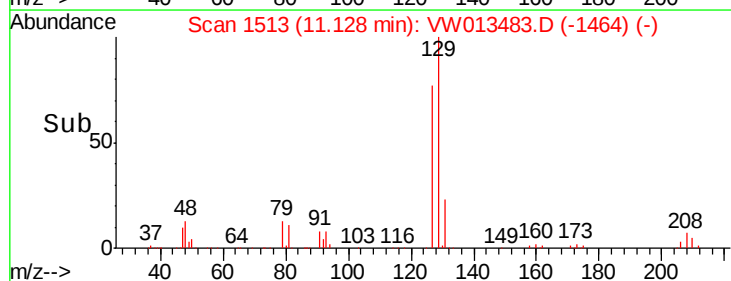
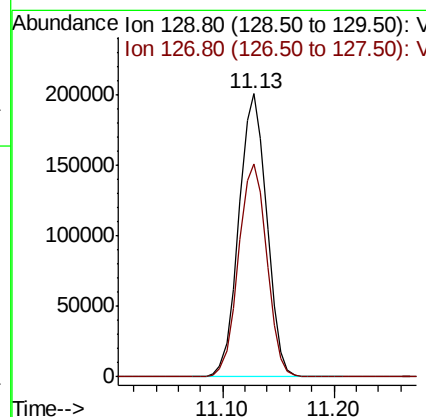
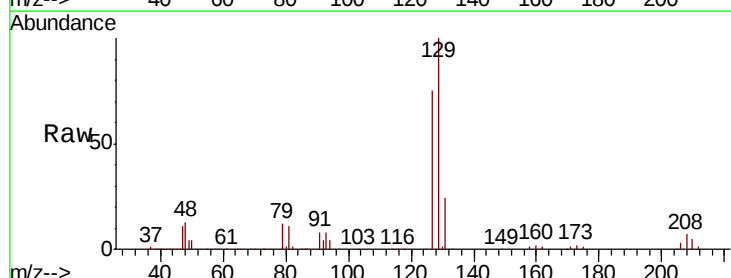
Instrument :
MSVOA_W
ClientSampleId :

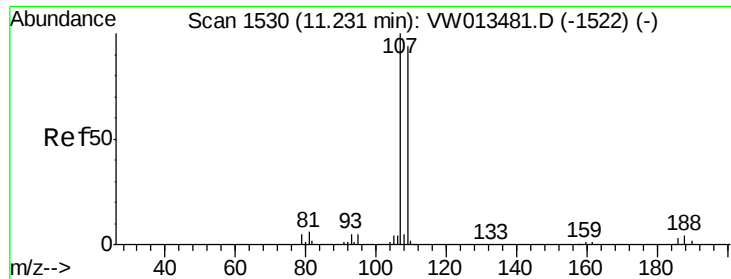
Tot Ion: 43 Resp: 899845
Ion Ratio Lower Upper
43 100
58 57.0 28.4 85.2



#60
Dibromochloromethane
Concen: 155.775 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 129 Resp: 348811
Ion Ratio Lower Upper
129 100
127 76.2 37.4 112.1





#61

1,2-Dibromoethane

Concen: 153.633 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

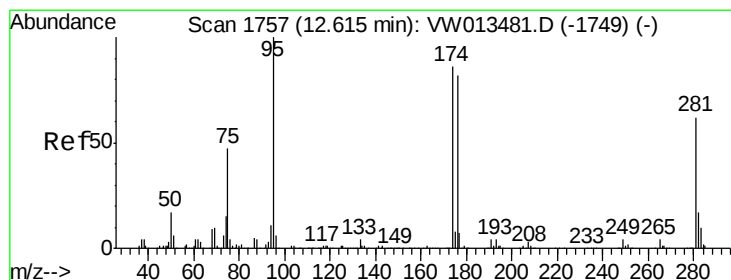
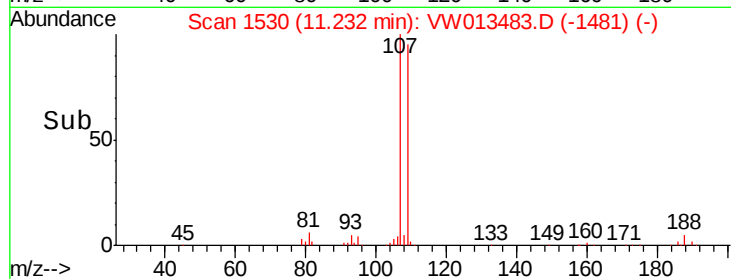
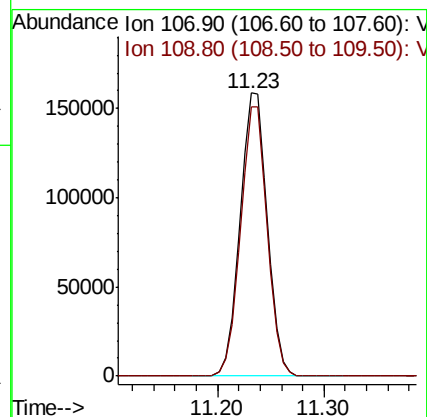
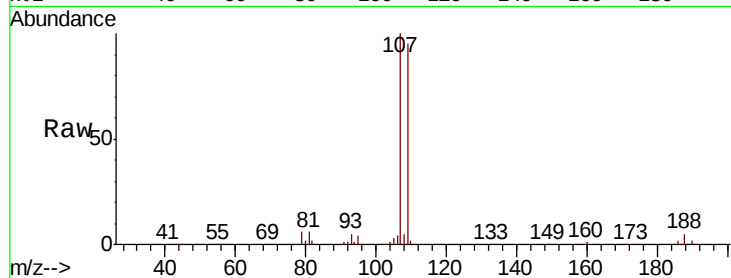
ClientSampleId :

Tot Ion:107 Resp: 284532

Ion Ratio Lower Upper

107 100

109 93.6 76.6 115.0



#62

4-Bromofluorobenzene

Concen: 147.139 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

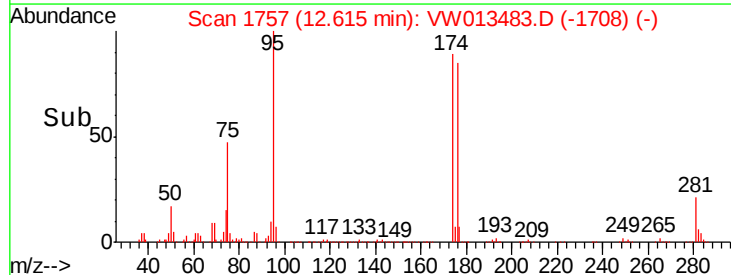
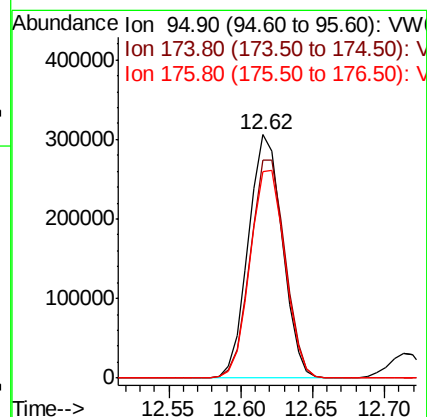
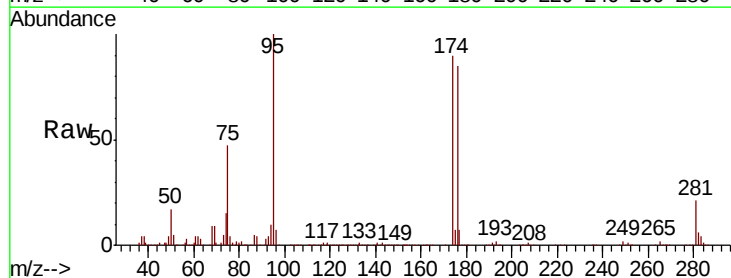
Tgt Ion: 95 Resp: 498432

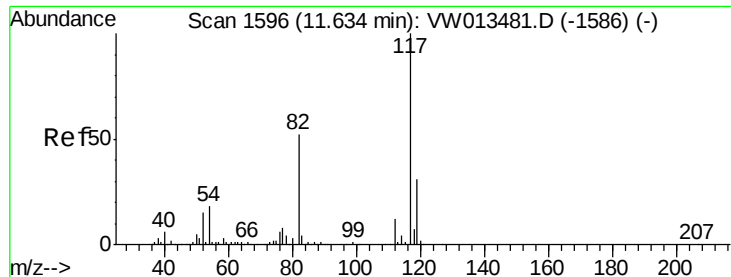
Ion Ratio Lower Upper

95 100

174 91.9 0.0 177.4

176 88.0 0.0 173.4

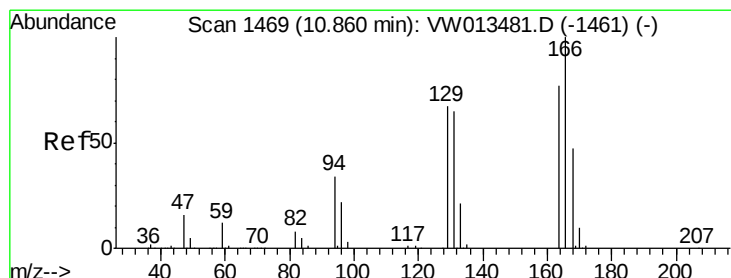
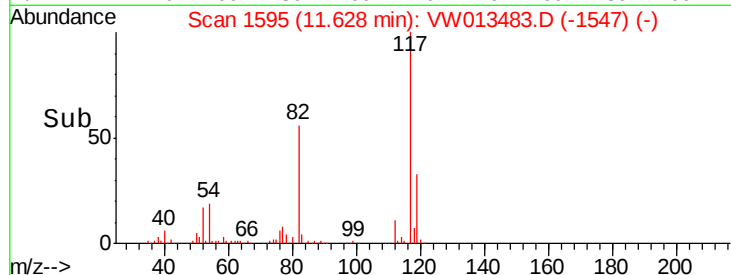
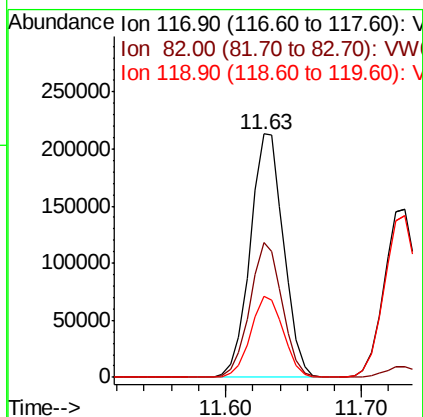
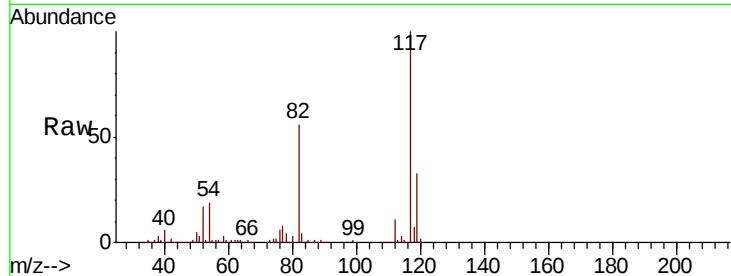




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

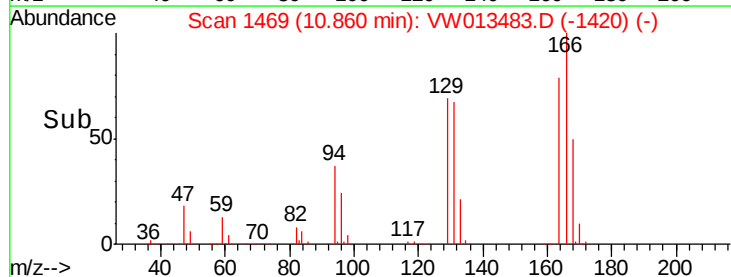
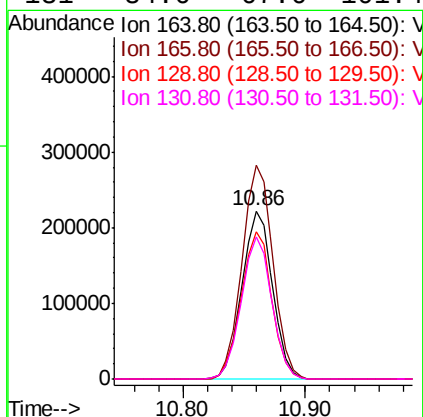
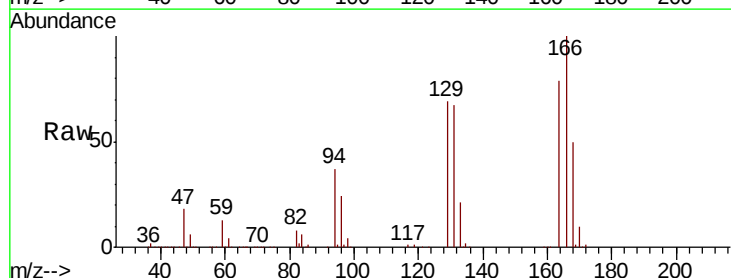
Instrument :
MSVOA_W
ClientSampleId :

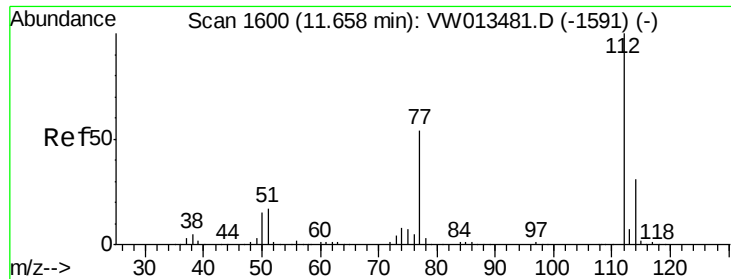
Tot Ion:117 Resp: 367146
Ion Ratio Lower Upper
117 100
82 55.5 41.4 62.2
119 33.1 25.1 37.7



#64
Tetrachloroethene
Concen: 142.289 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion:164 Resp: 384487
Ion Ratio Lower Upper
164 100
166 127.2 104.6 156.8
129 87.9 70.2 105.2
131 84.6 67.6 101.4

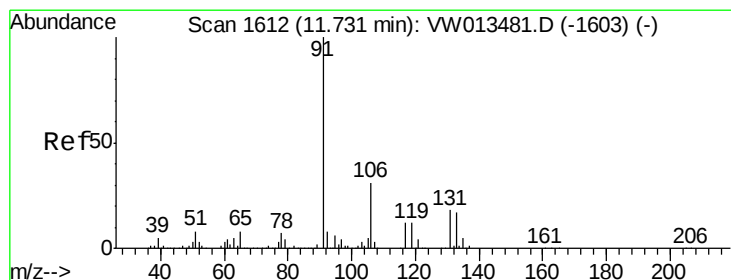
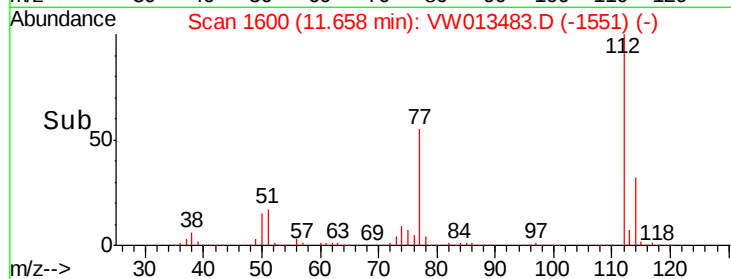
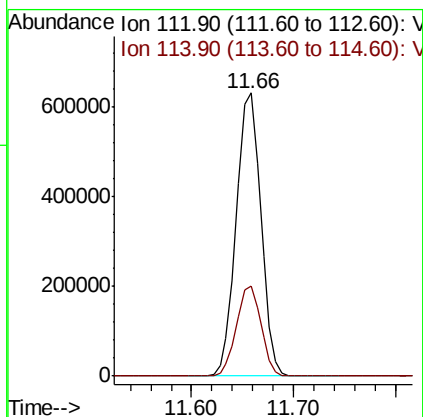
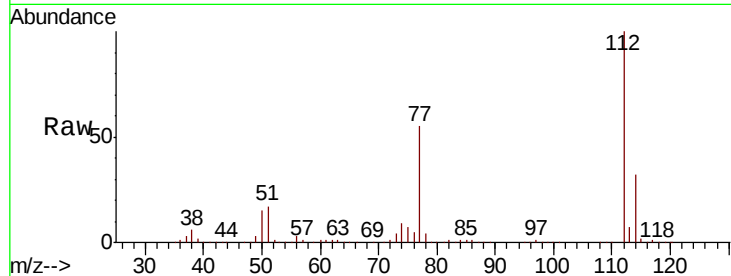




#65
Chlorobenzene
Concen: 144.573 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

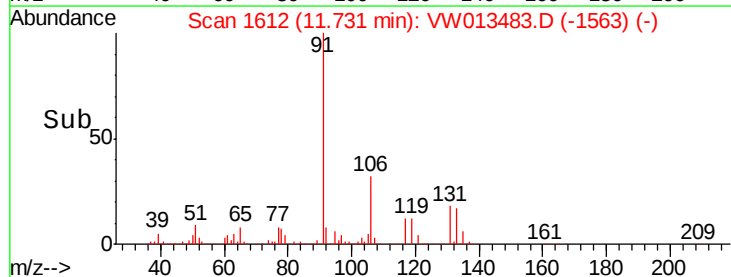
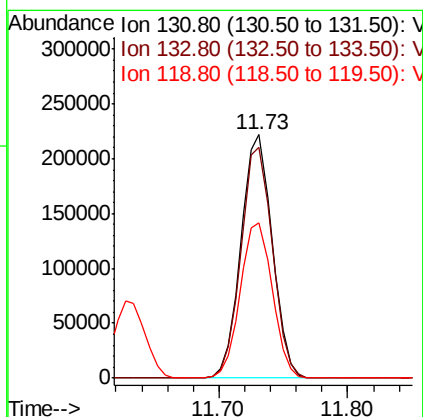
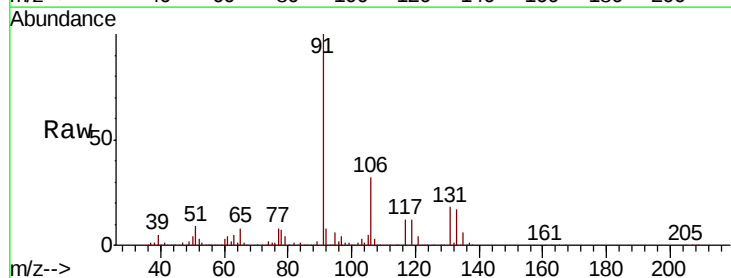
Instrument :
MSVOA_W
ClientSampleId :

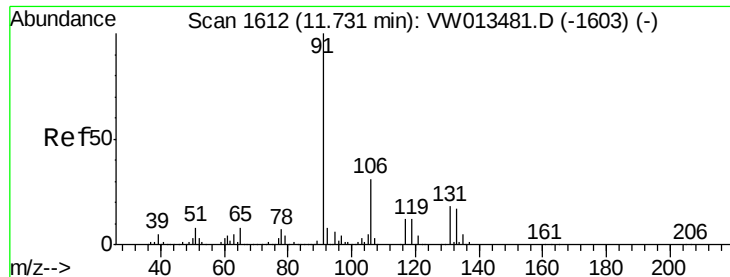
Tot Ion:112 Resp: 1054710
Ion Ratio Lower Upper
112 100
114 31.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 146.674 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion:131 Resp: 371698
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 65.5 32.6 98.0





#67

Ethyl Benzene

Concen: 144.780 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

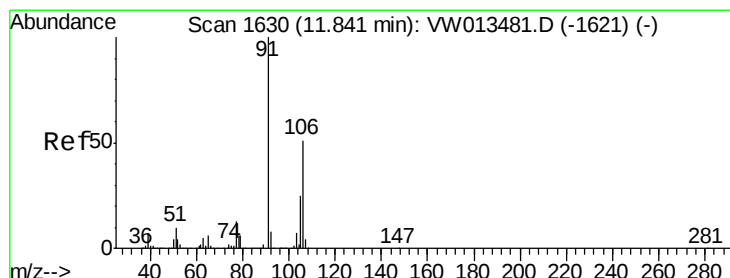
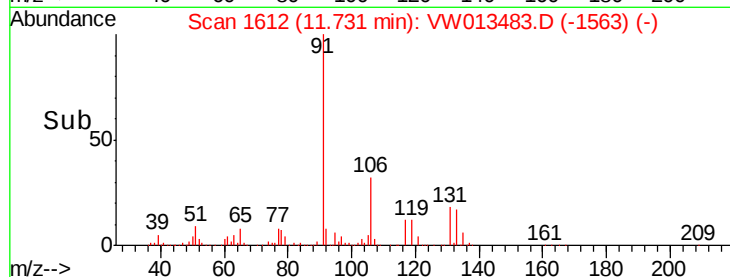
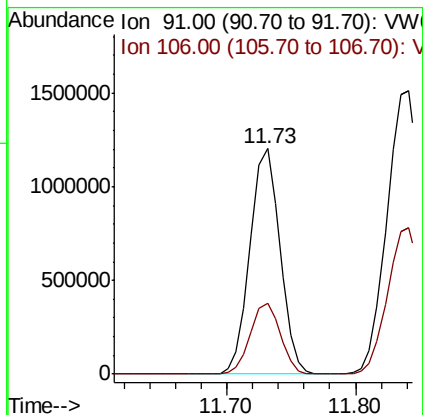
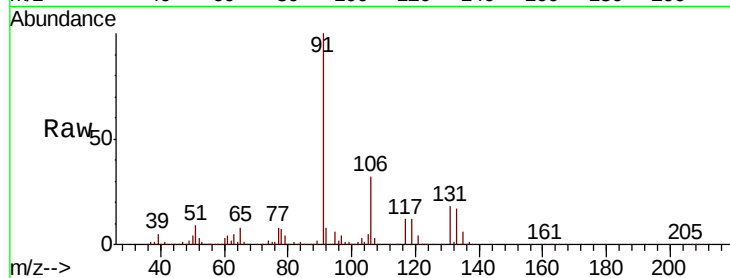
ClientSampleId :

Tot Ion: 91 Resp: 1930511

Ion Ratio Lower Upper

91 100

106 31.5 24.8 37.2



#68

m/p-Xylenes

Concen: 290.465 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW013483.D

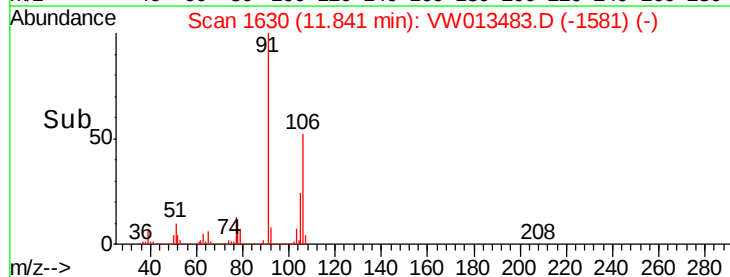
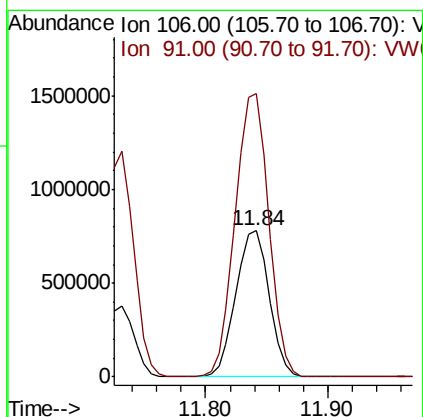
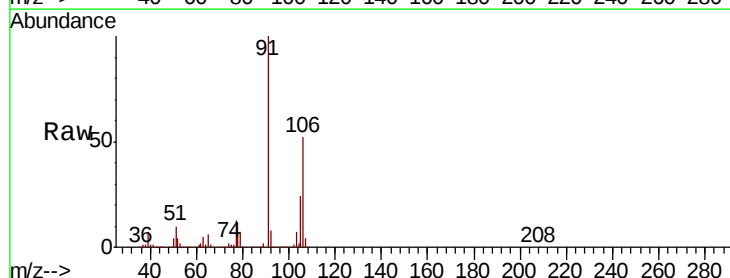
Acq: 08 Oct 2019 12:37

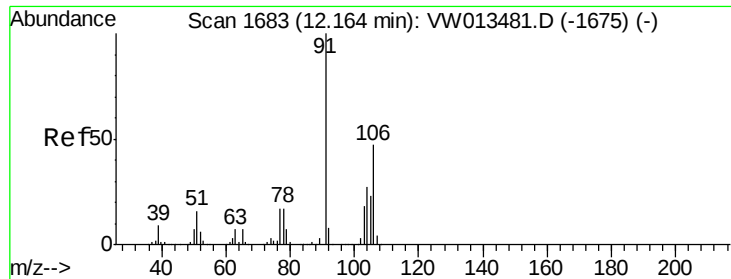
Tgt Ion: 106 Resp: 1473645

Ion Ratio Lower Upper

106 100

91 195.3 156.2 234.4

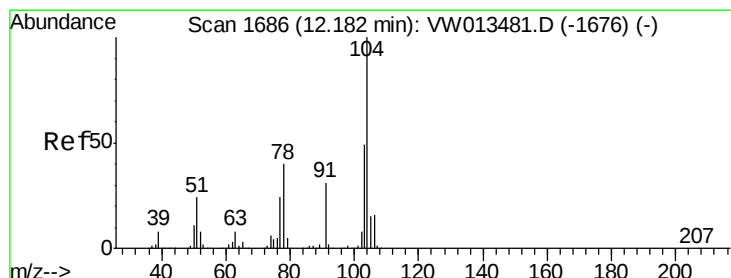
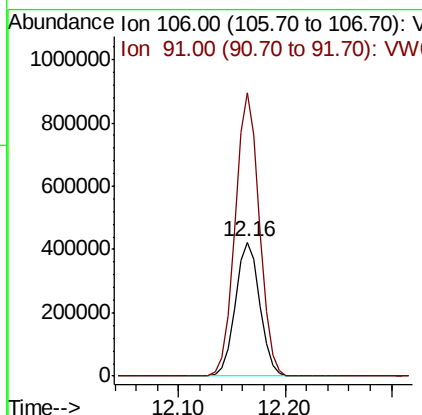
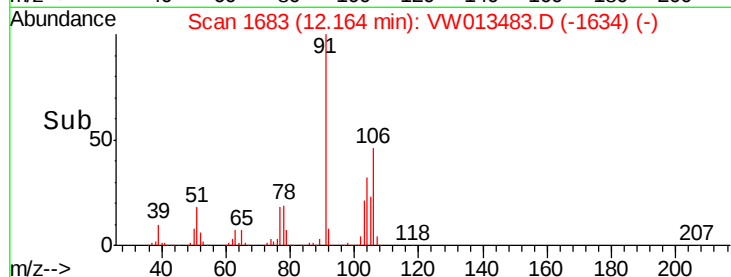
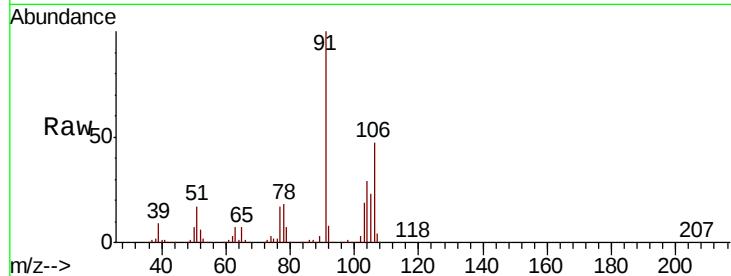




#69
o-Xylene
Concen: 145.299 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

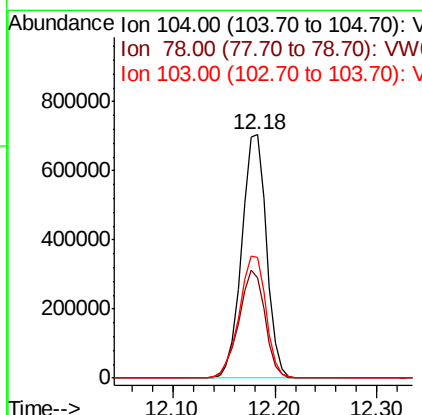
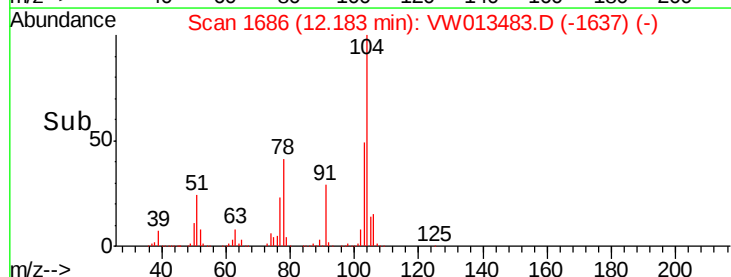
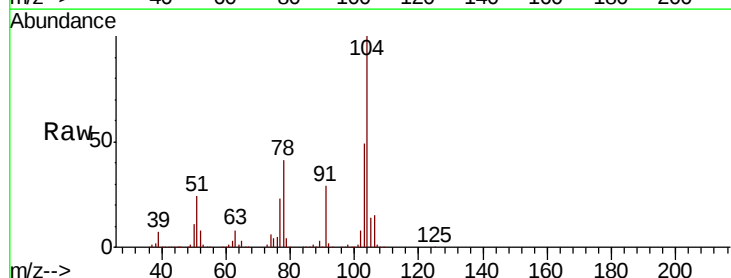
Instrument :
MSVOA_W
ClientSampled :

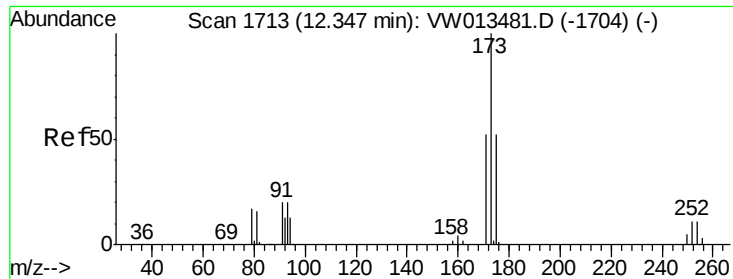
Tot Ion:106 Resp: 681066
Ion Ratio Lower Upper
106 100
91 208.9 105.0 315.0



#70
Styrene
Concen: 147.060 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion:104 Resp: 1183569
Ion Ratio Lower Upper
104 100
78 46.8 37.1 55.7
103 53.9 43.2 64.8





#71

Bromoform

Concen: 158.089 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

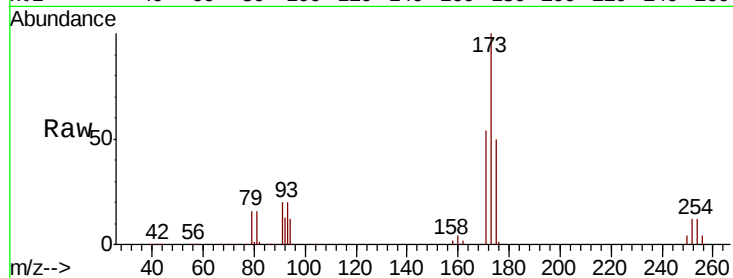
Tot Ion:173 Resp: 219801

Ion Ratio Lower Upper

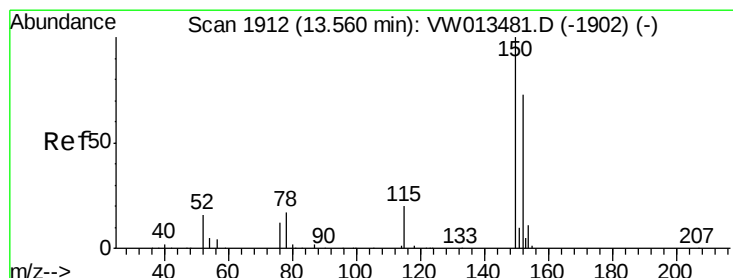
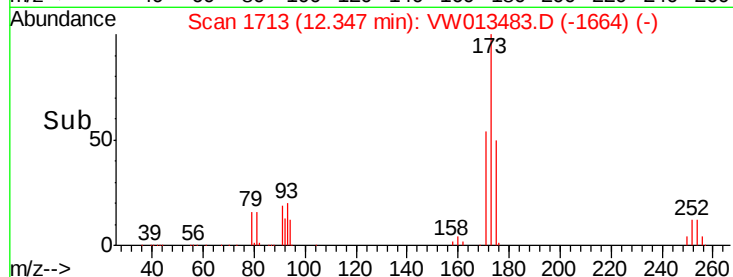
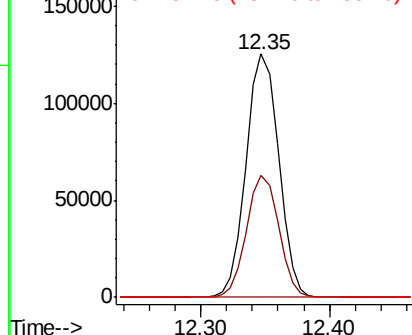
173 100

175 49.6 24.4 73.4

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

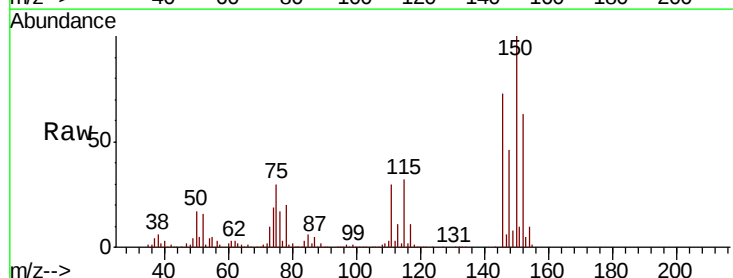
Tgt Ion:152 Resp: 183150

Ion Ratio Lower Upper

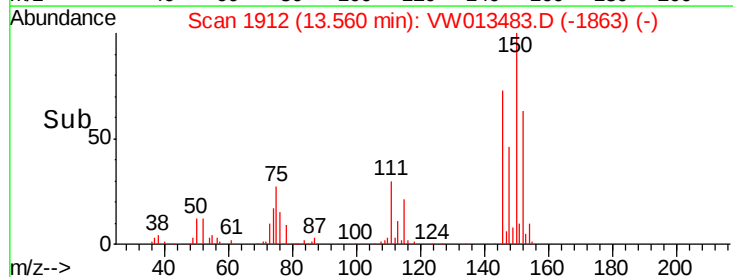
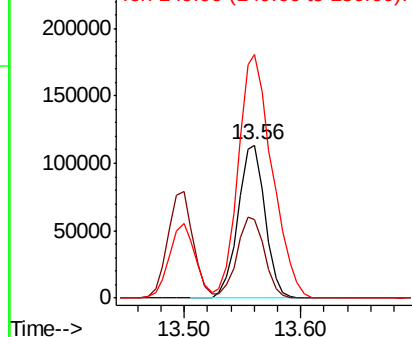
152 100

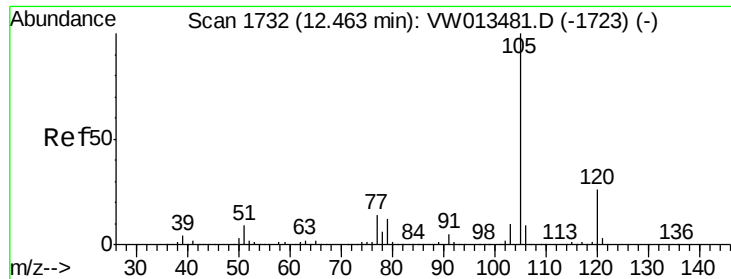
115 54.0 27.0 81.0

150 199.4 0.0 337.4



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

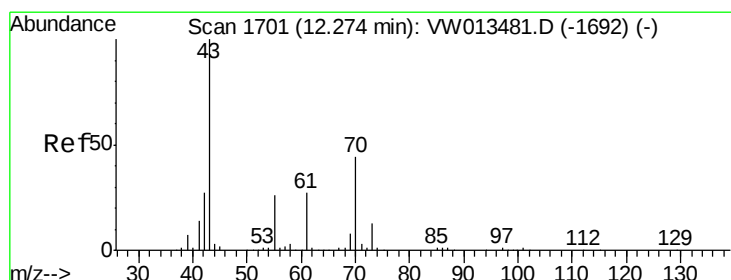
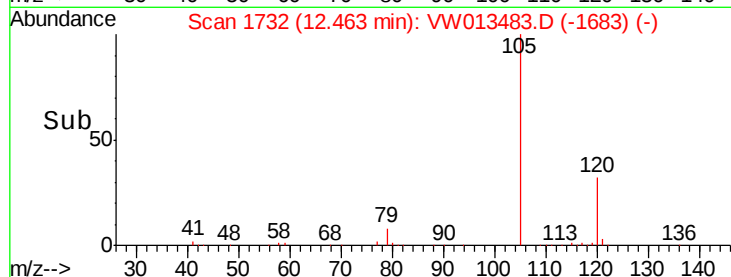
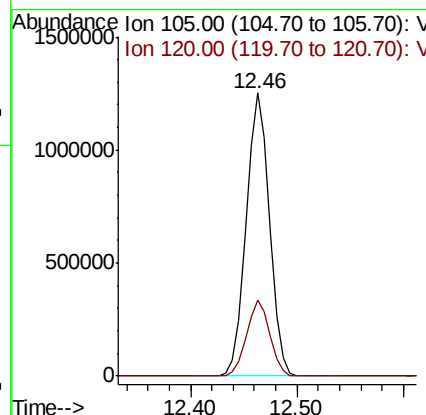
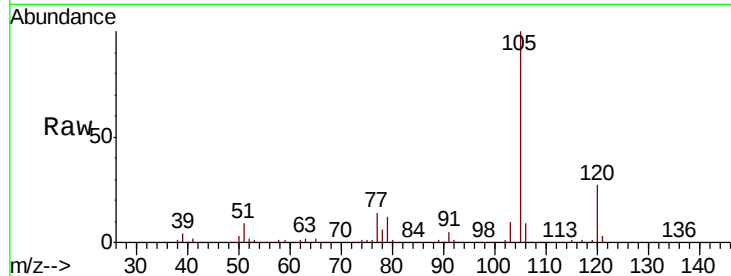




#73
Isopropylbenzene
Concen: 146.632 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

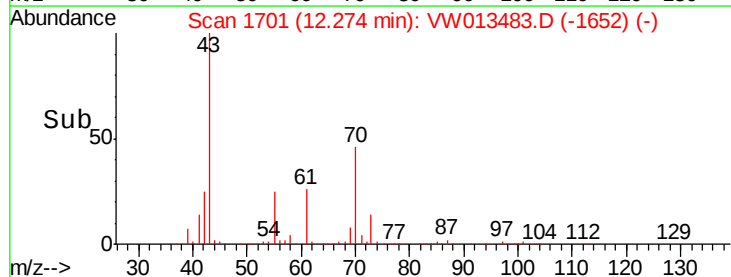
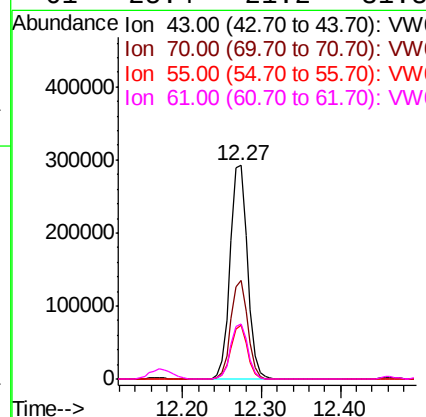
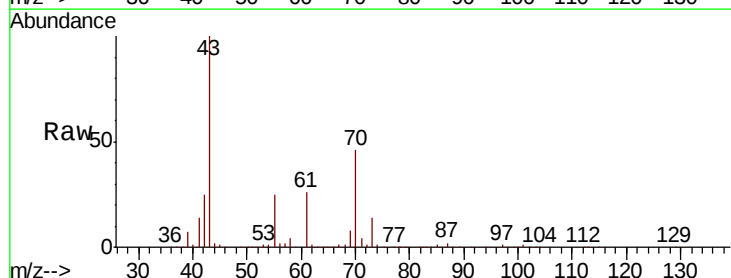
Instrument :
MSVOA_W
ClientSampled :

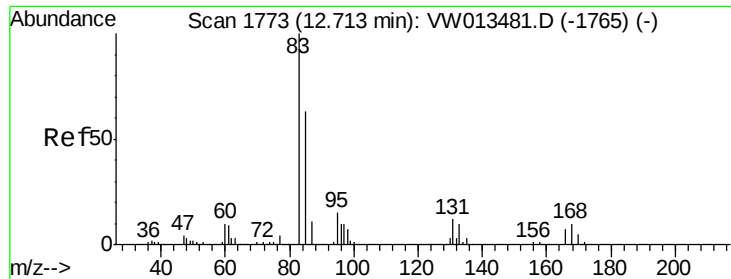
Tot Ion:105 Resp: 1923681
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5



#74
N-ethyl acetate
Concen: 155.971 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 43 Resp: 447515
Ion Ratio Lower Upper
43 100
70 45.1 35.3 52.9
55 24.1 20.0 30.0
61 25.4 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 146.898 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

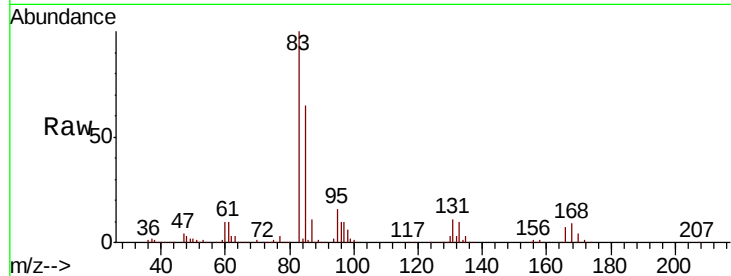
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 83 Resp: 328480

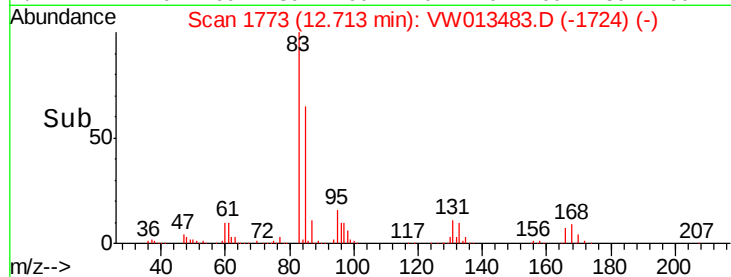
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.9	17.7
85	64.6	32.5	97.4



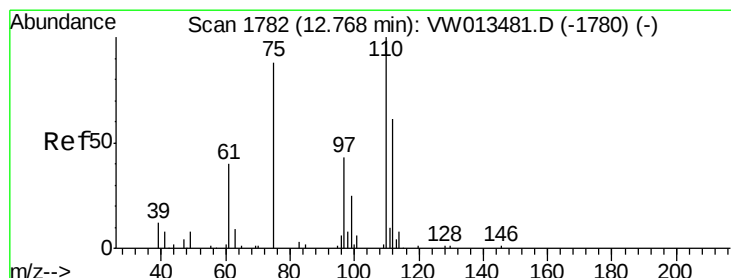
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



Time-->



#76

1,2,3-Trichloropropane

Concen: 291.569 ug/l

RT: 12.77 min Scan# 1782

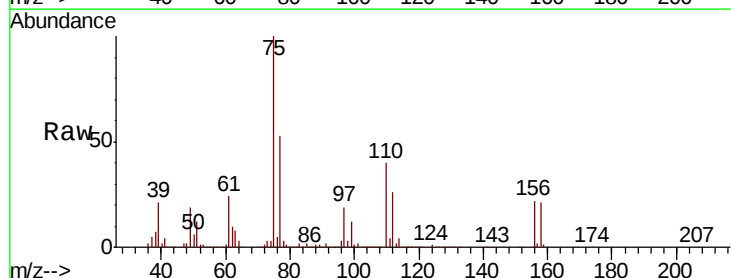
Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

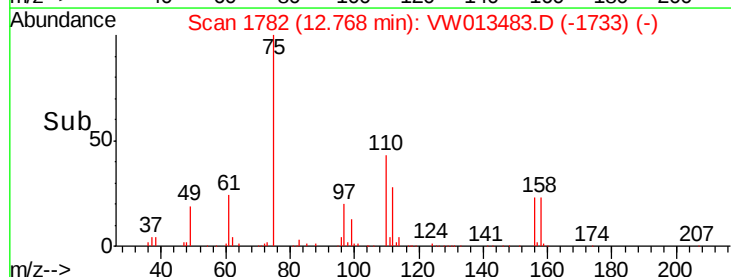
Tgt Ion: 75 Resp: 428891

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

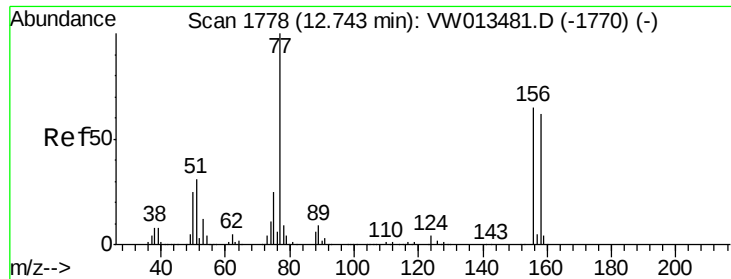


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->



#77

Bromobenzene

Concen: 142.518 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

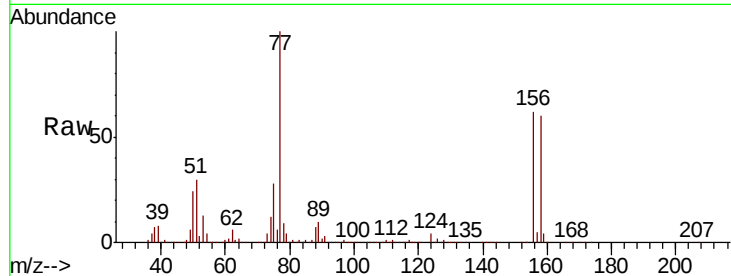
Tot Ion:156 Resp: 443181

Ion Ratio Lower Upper

156 100

77 172.1 83.7 251.0

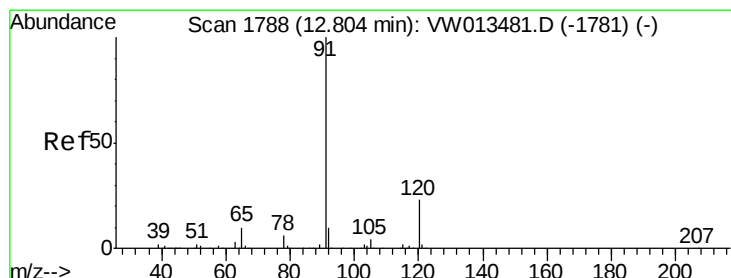
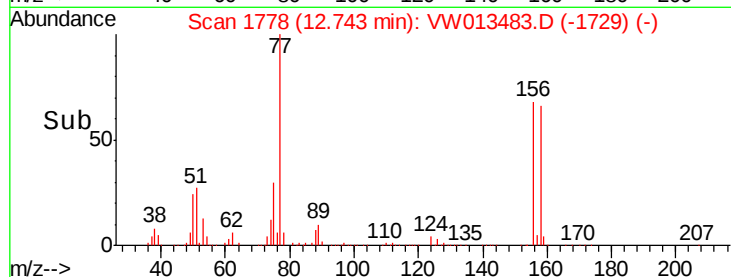
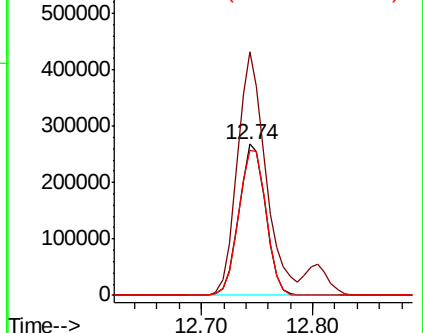
158 99.0 49.0 147.0



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: 144.132 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013483.D

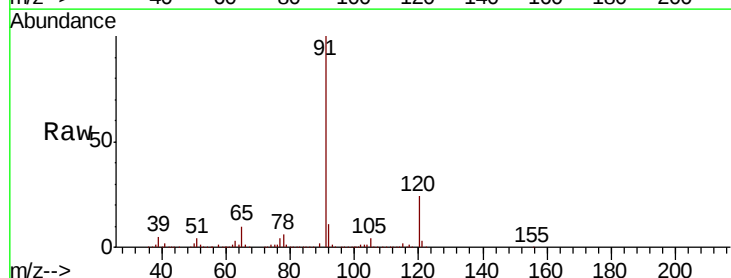
Acq: 08 Oct 2019 12:37

Tgt Ion: 91 Resp: 2186536

Ion Ratio Lower Upper

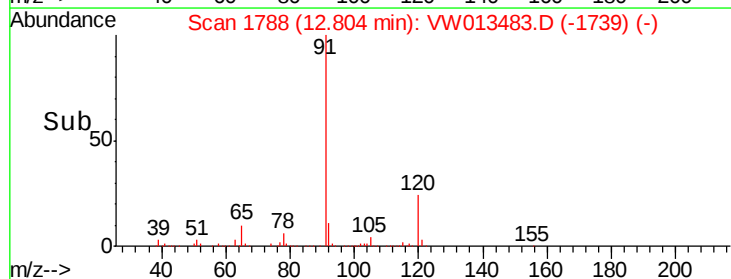
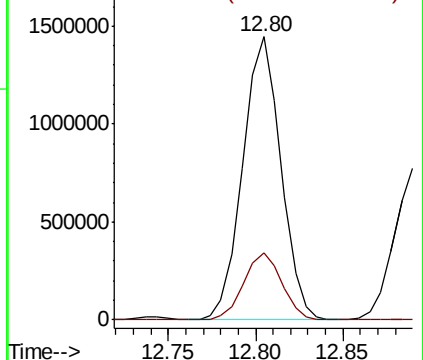
91 100

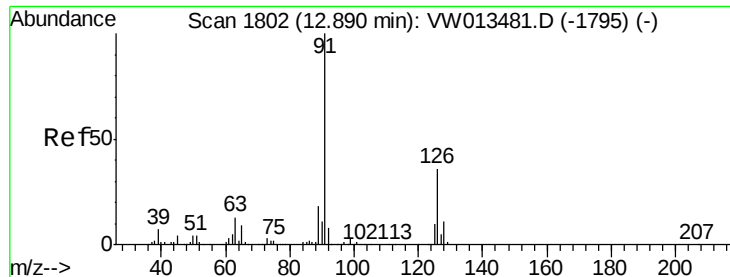
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 142.922 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

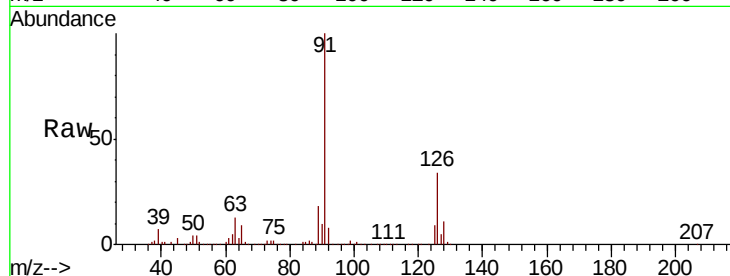
ClientSampleId :

Tot Ion: 91 Resp: 1214738

Ion Ratio Lower Upper

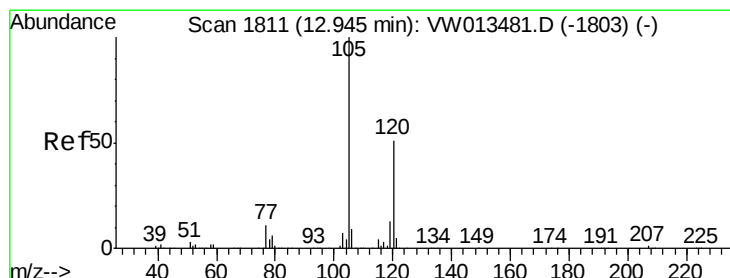
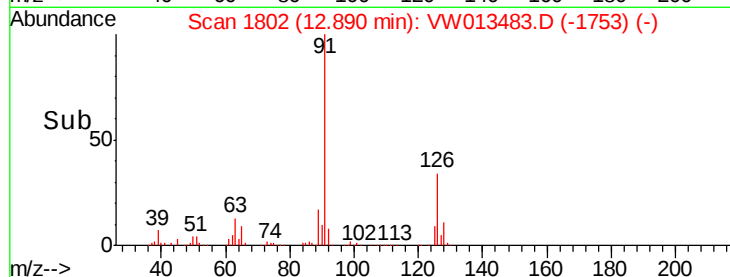
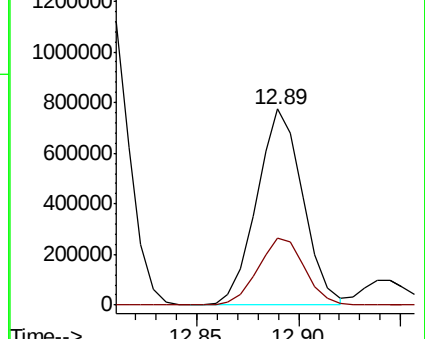
91 100

126 35.0 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 144.045 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013483.D

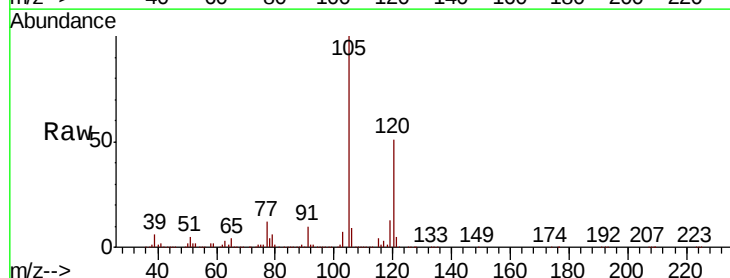
Acq: 08 Oct 2019 12:37

Tgt Ion:105 Resp: 1570165

Ion Ratio Lower Upper

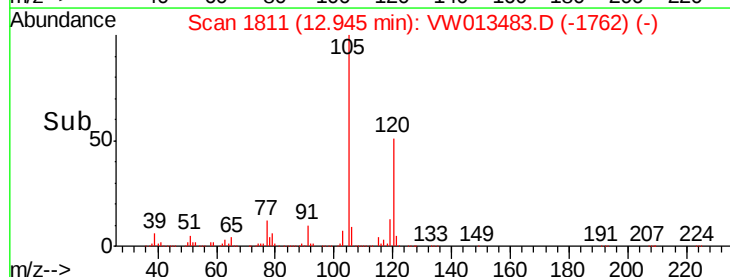
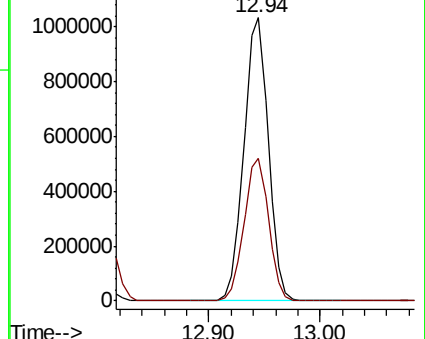
105 100

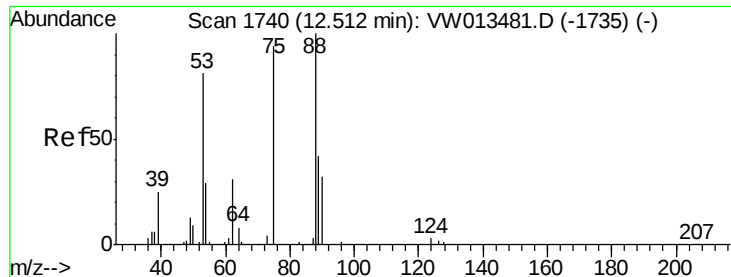
120 50.8 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 164.924 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

ClientSampled :

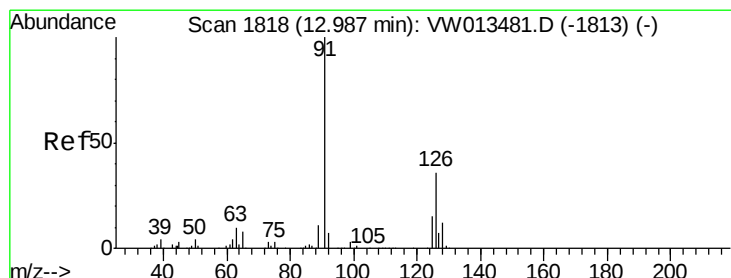
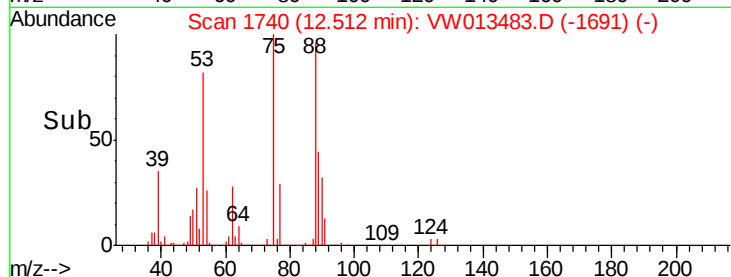
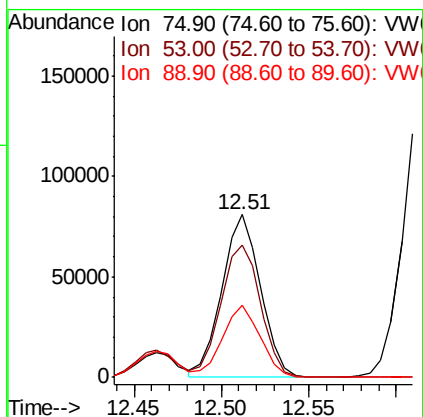
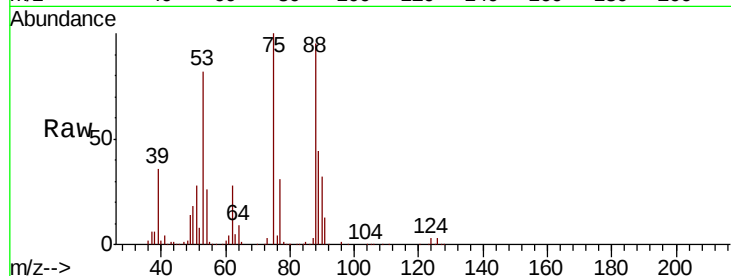
Tot Ion: 75 Resp: 123068

Ion Ratio Lower Upper

75 100

53 84.7 71.0 106.6

89 44.2 36.1 54.1



#82

4-Chlorotoluene

Concen: 141.591 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013483.D

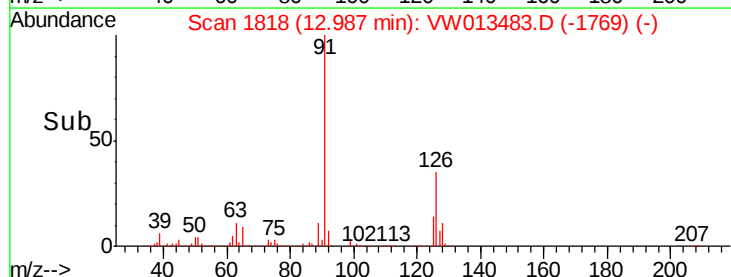
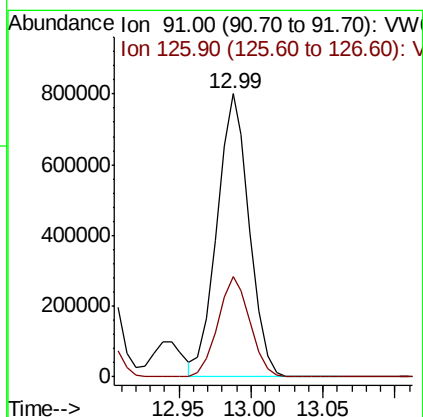
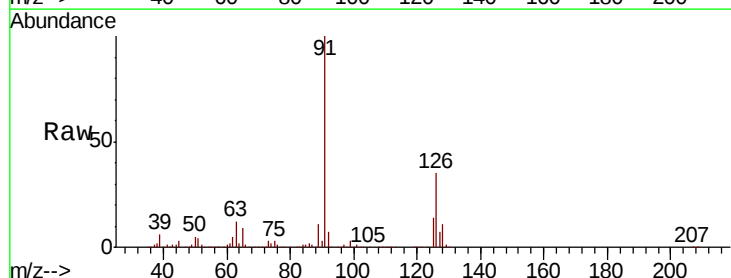
Acq: 08 Oct 2019 12:37

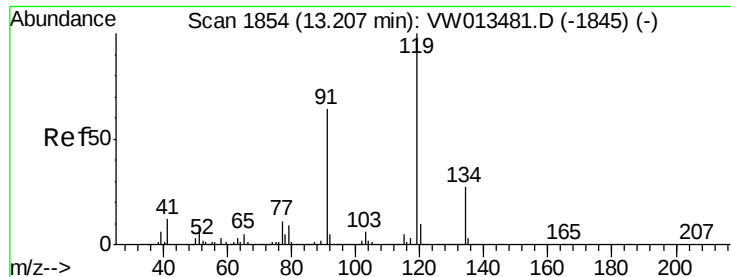
Tgt Ion: 91 Resp: 1249066

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.6

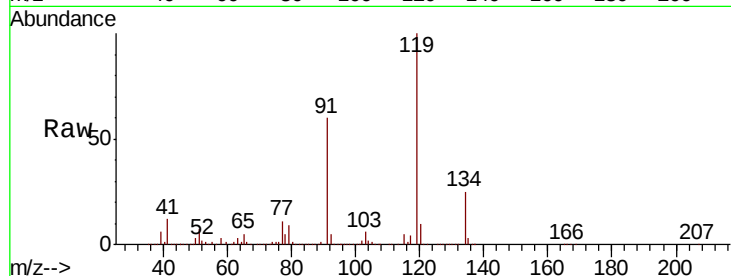




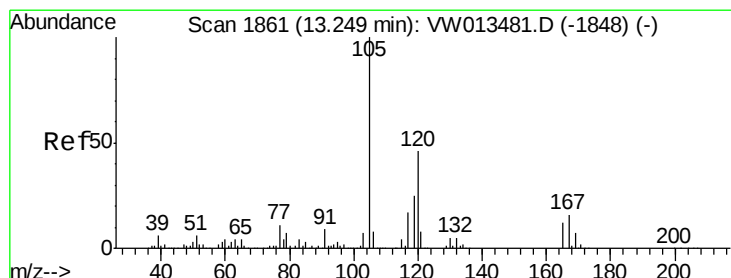
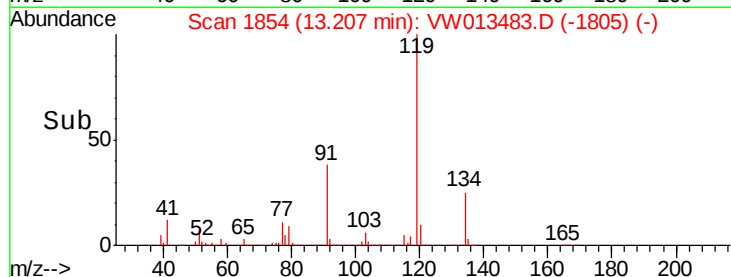
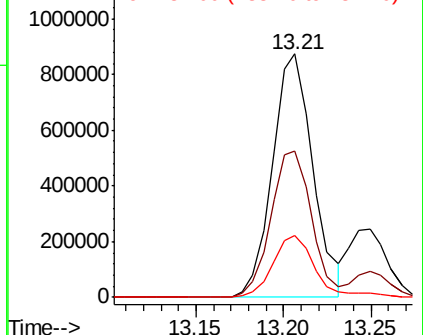
#83
tert-Butylbenzene
Concen: 146.028 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 1413648
Ion Ratio Lower Upper
119 100
91 60.5 30.6 91.6
134 26.8 13.8 41.3

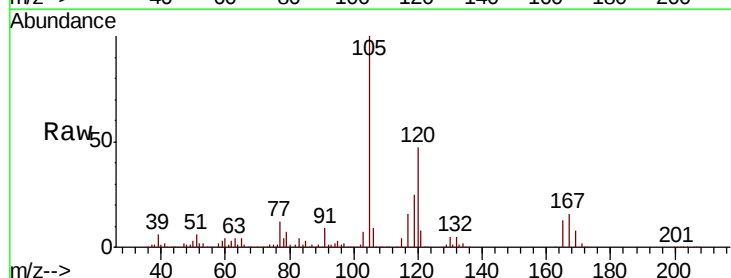


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

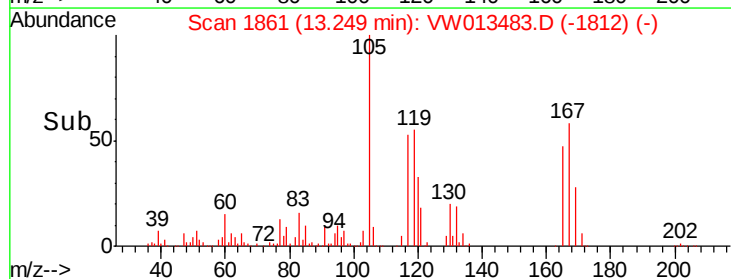
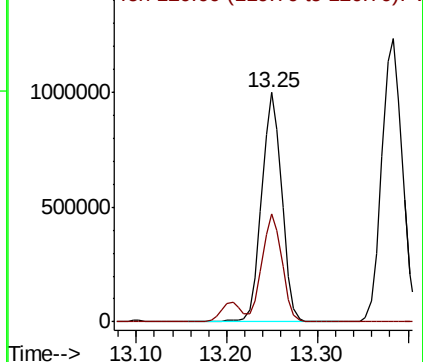


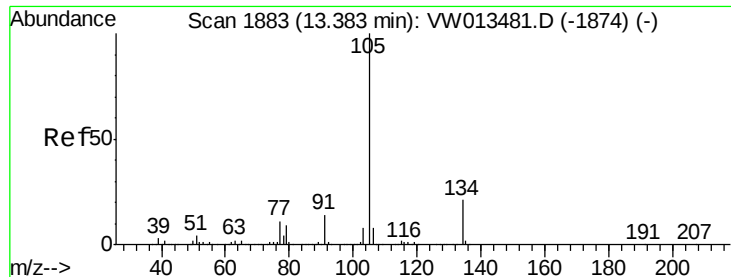
#84
1,2,4-Trimethylbenzene
Concen: 142.134 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion:105 Resp: 1532314
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

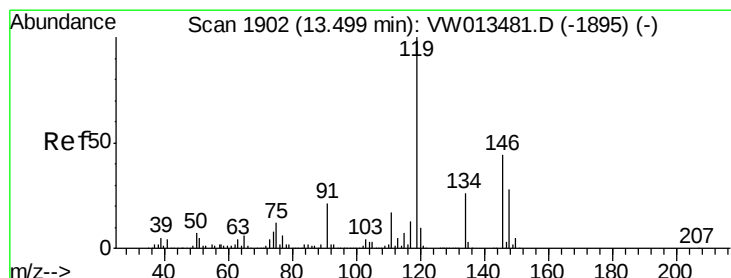
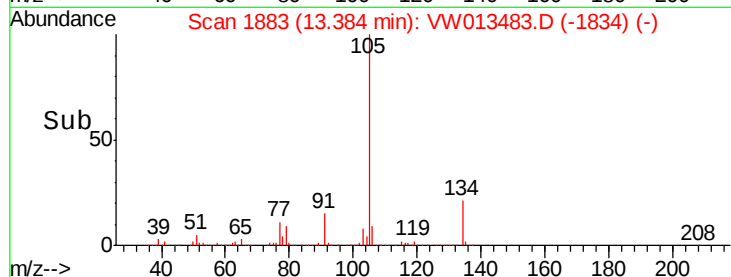
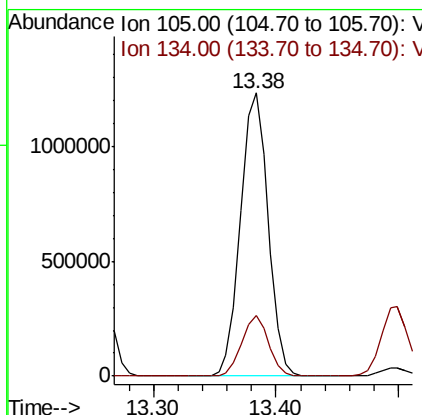
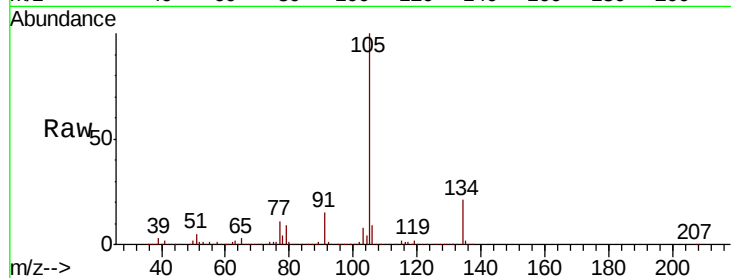




#85
 sec-Butylbenzene
 Concen: 144.173 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

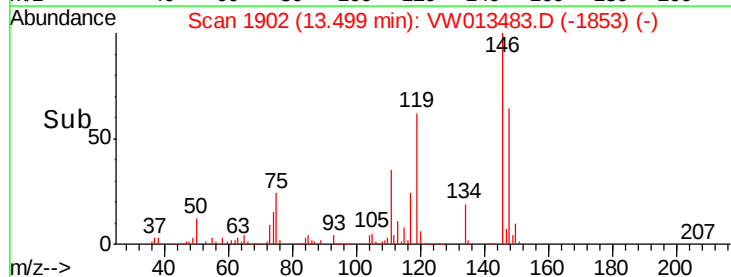
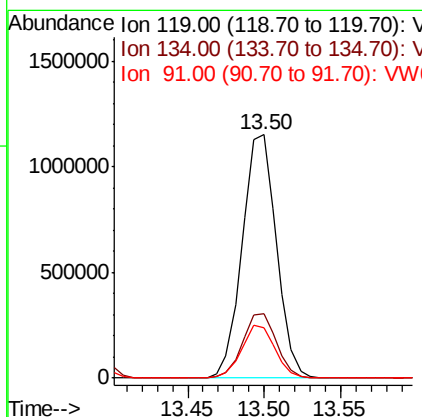
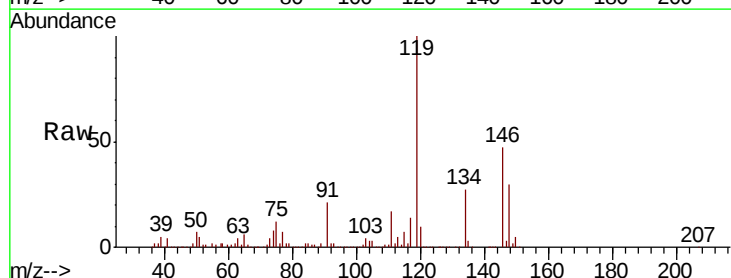
Instrument :
 MSVOA_W
 ClientSampled :

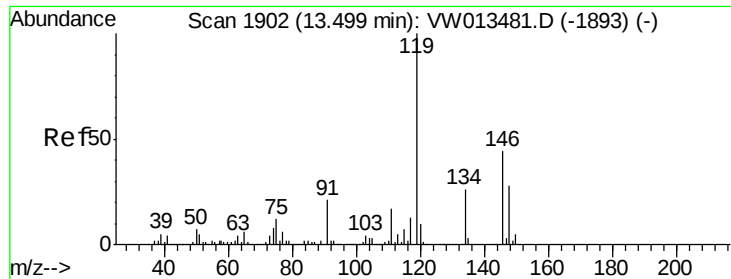
Tot Ion:105 Resp: 1928432
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 145.132 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Tgt Ion:119 Resp: 1783594
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 21.1 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 142.653 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

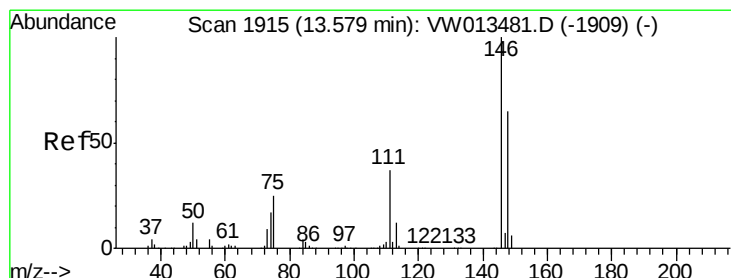
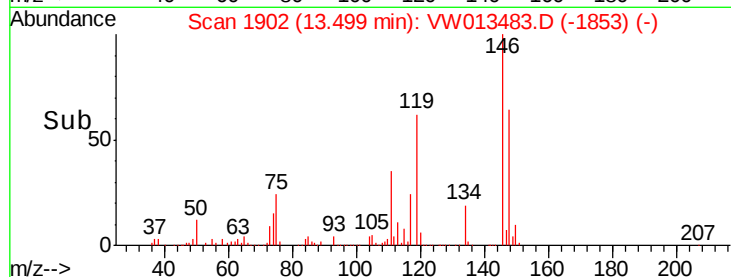
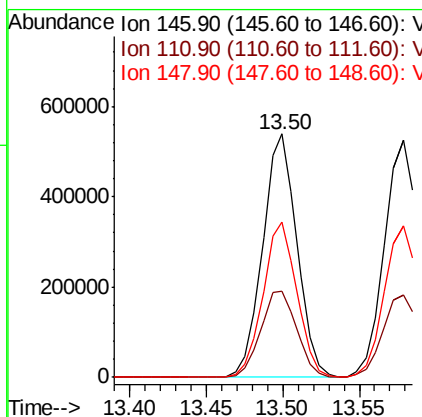
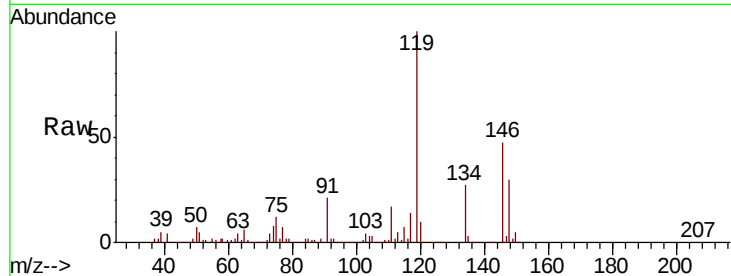
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:146 Resp: 841127

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	63.3	32.3	96.8



#88

1,4-Dichlorobenzene

Concen: 143.339 ug/l

RT: 13.58 min Scan# 1915

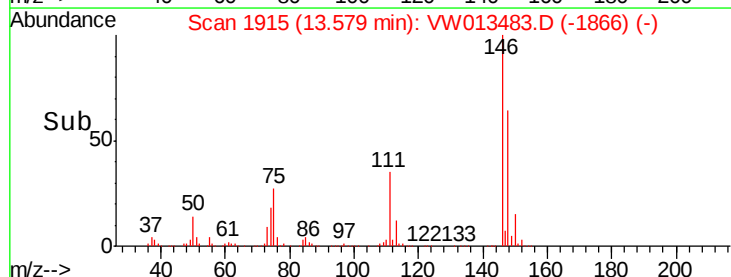
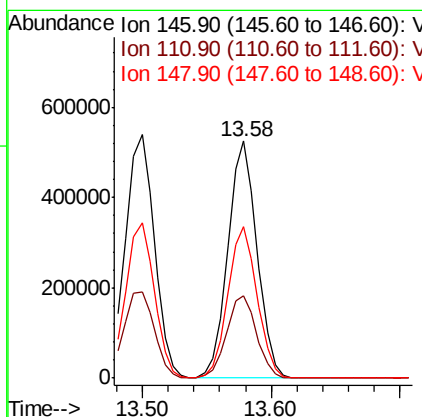
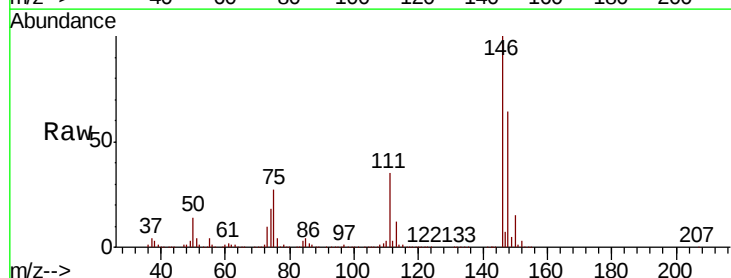
Delta R.T. 0.00 min

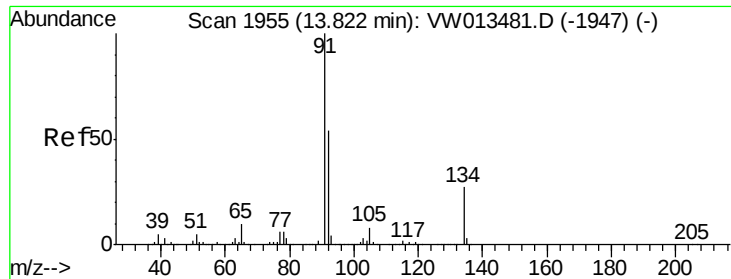
Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Tgt Ion:146 Resp: 827962

Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.4	55.4
148	64.3	32.0	96.2





#89

n-Butylbenzene

Concen: 145.639 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013483.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_W

ClientSampled :

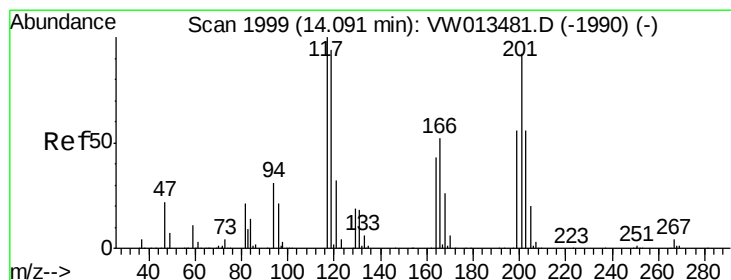
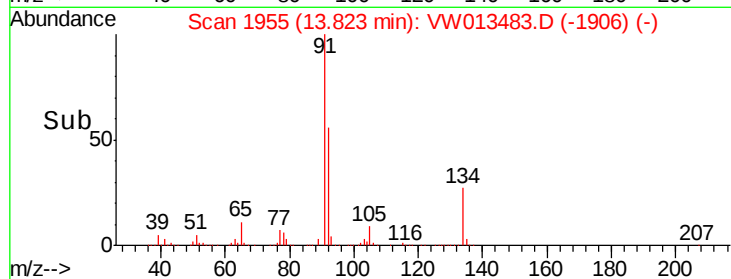
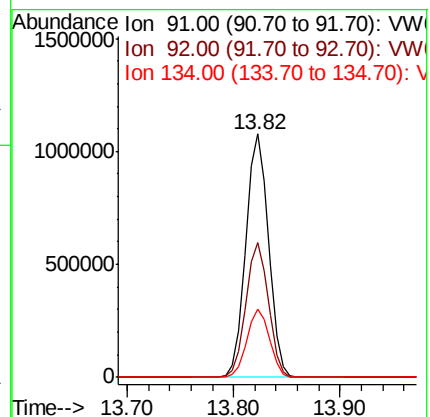
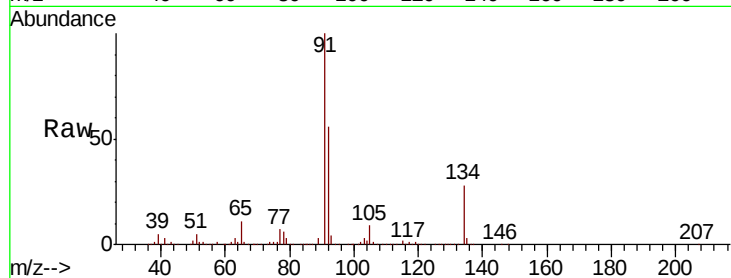
Tot Ion: 91 Resp: 1616828

Ion Ratio Lower Upper

91 100

92 55.1 27.5 82.4

134 28.0 13.8 41.3



#90

Hexachloroethane

Concen: 148.508 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW013483.D

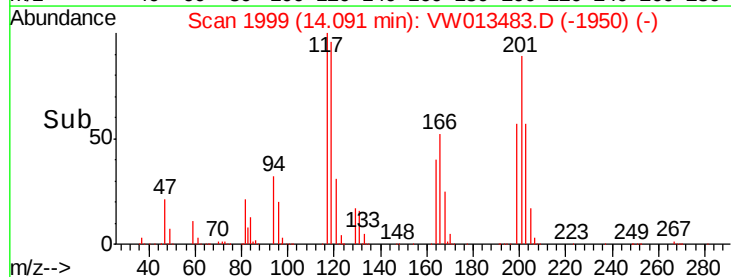
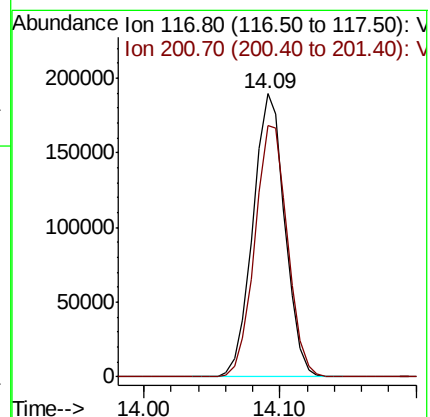
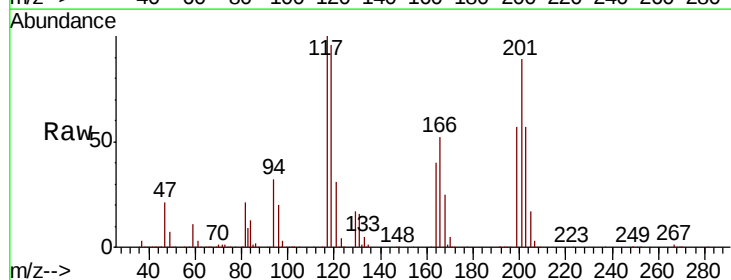
Acq: 08 Oct 2019 12:37

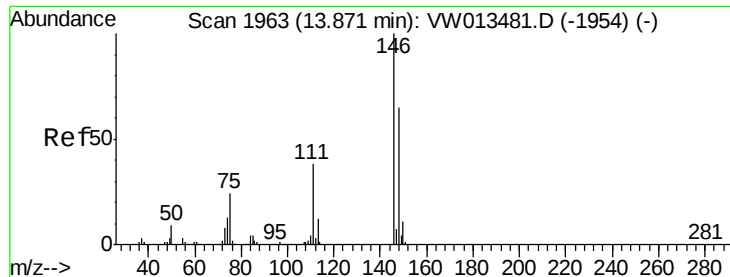
Tgt Ion: 117 Resp: 312279

Ion Ratio Lower Upper

117 100

201 90.9 46.9 140.7

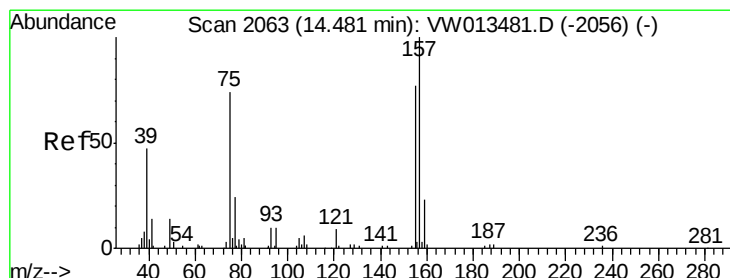
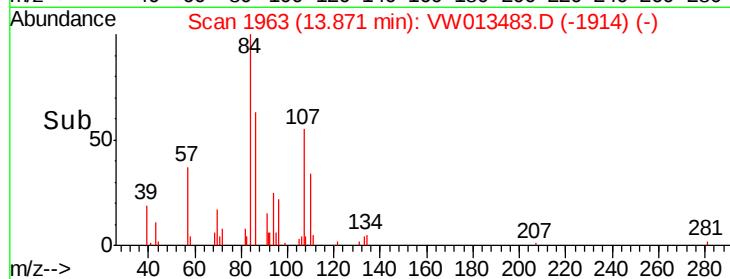
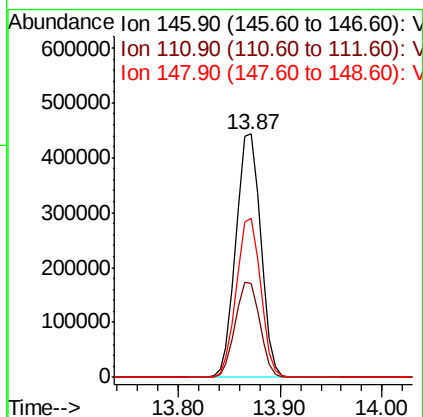
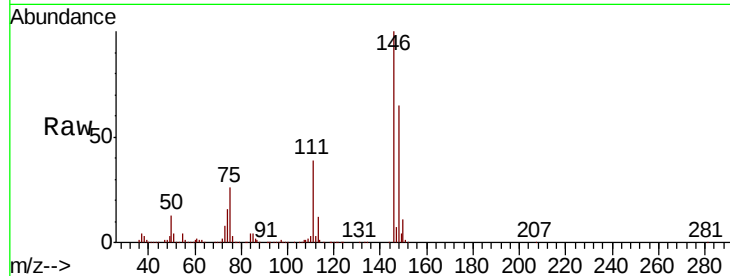




#91
 1,2-Dichlorobenzene
 Concen: 143.201 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

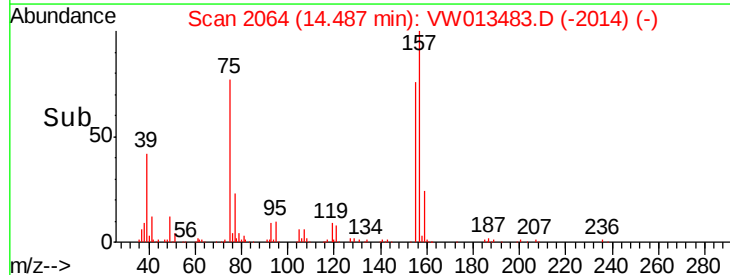
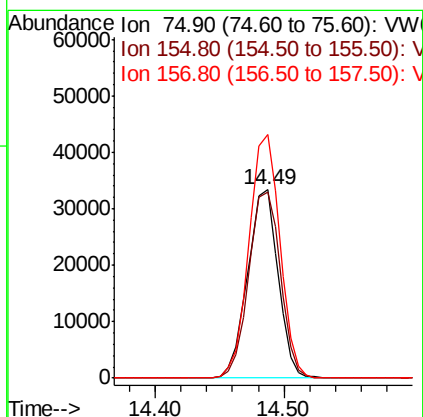
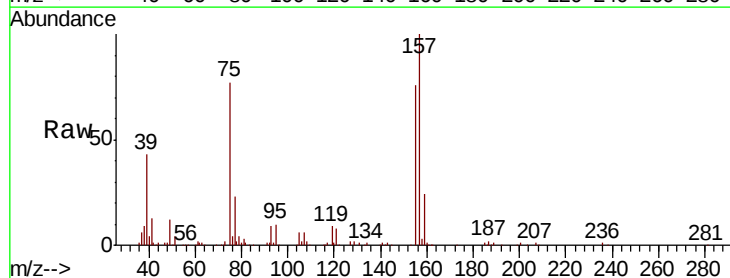
Instrument :
 MSVOA_W
 ClientSampleId :

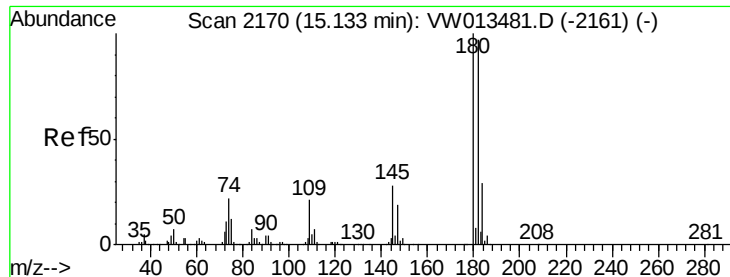
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.2
148	64.1	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 152.560 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.6	51.0	153.1
157	130.8	65.9	197.7

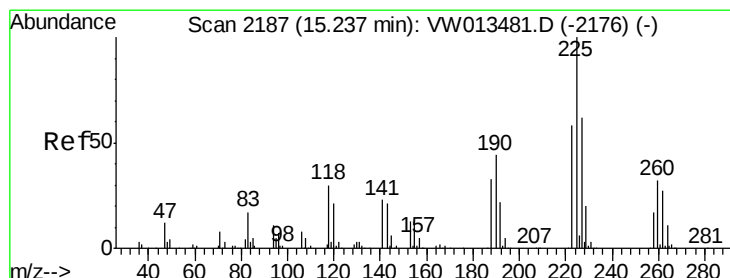
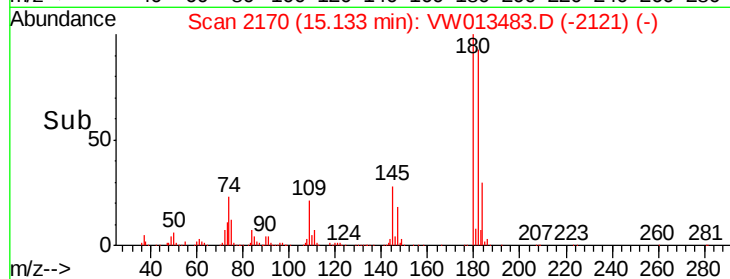
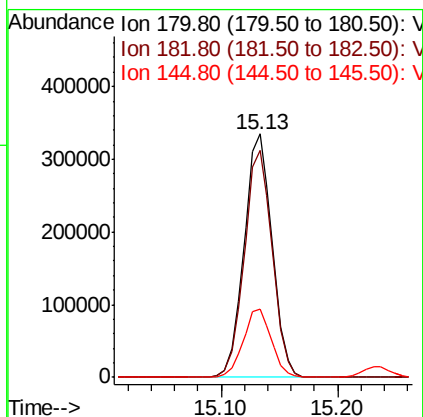
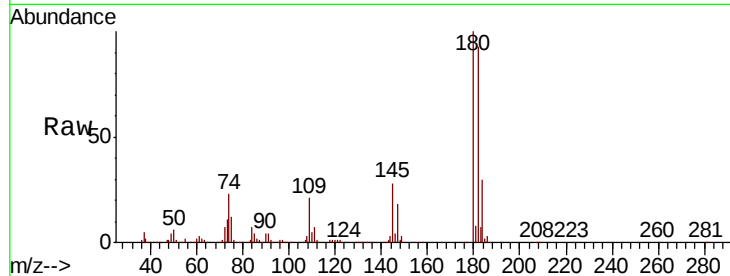




#93
 1,2,4-Trichlorobenzene
 Concen: 152.165 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

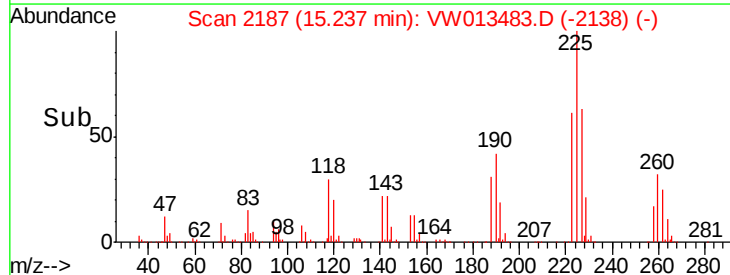
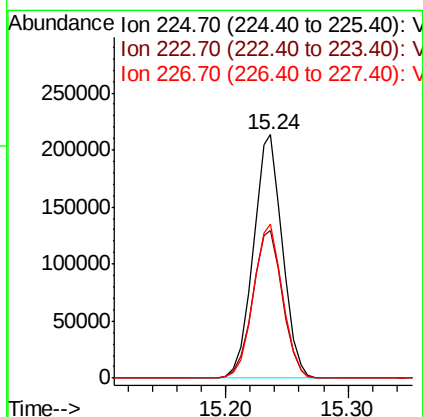
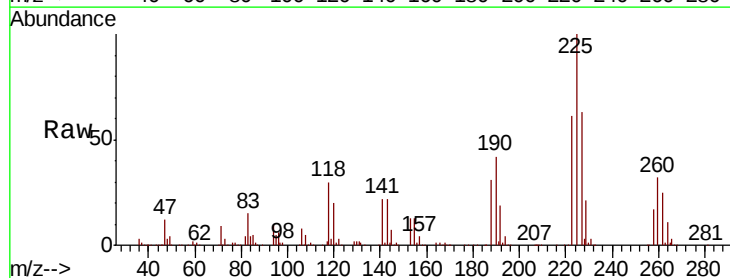
Instrument :
 MSVOA_W
 ClientSampleId :

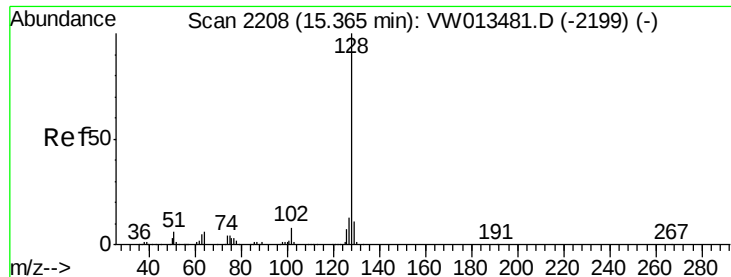
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.7	143.1
145	28.1	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 143.610 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013483.D
 Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.3	90.9
227	63.7	32.0	96.0

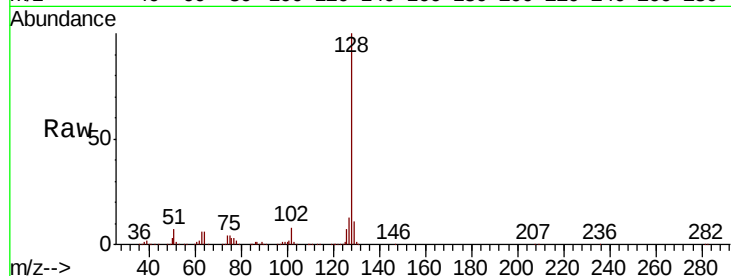




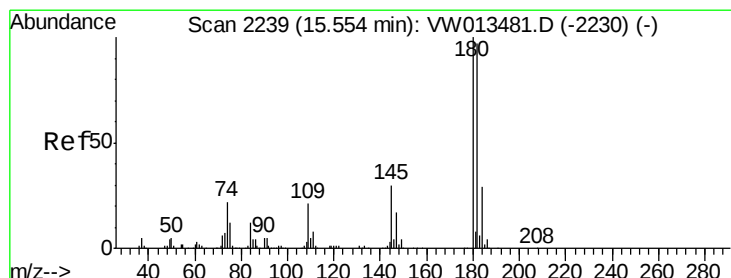
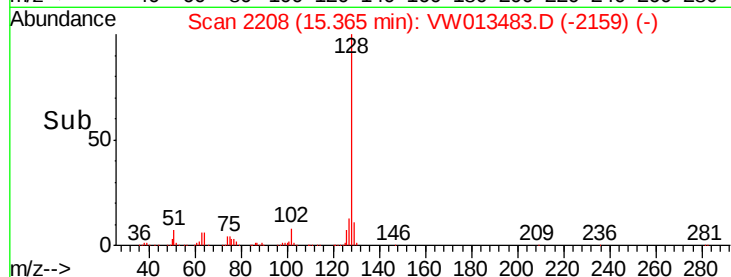
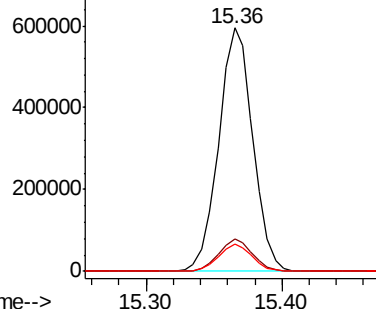
#95
Naphthalene
Concen: 163.498 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 1040587
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.8 13.2

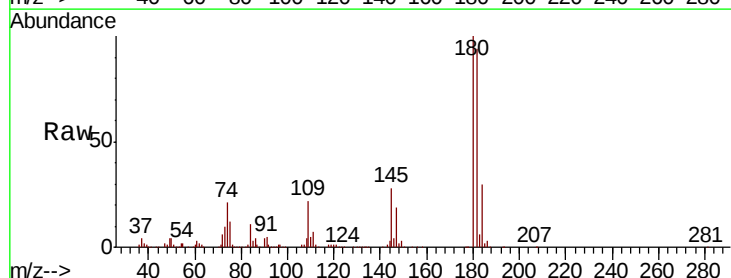


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 152.606 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013483.D
Acq: 08 Oct 2019 12:37

Tgt Ion:180 Resp: 490982
Ion Ratio Lower Upper
180 100
182 94.0 47.7 143.1
145 29.6 14.9 44.9



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

