

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013482.D
 Acq On : 08 Oct 2019 12:11
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 05:20:50 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	352318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	507614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	436318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	214708	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	285022	104.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.42%	
35) Dibromofluoromethane	7.88	113	298647	105.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.68%	
50) Toluene-d8	10.32	98	1247913	104.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.48%	
62) 4-Bromofluorobenzene	12.62	95	418486	104.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	115204	98.716	ug/l	98
3) Chloromethane	2.21	50	187065	91.192	ug/l	99
4) Vinyl Chloride	2.35	62	286633	94.729	ug/l	98
5) Bromomethane	2.77	94	176546	97.788	ug/l	100
6) Chloroethane	2.91	64	166527	98.000	ug/l	99
7) Trichlorofluoromethane	3.25	101	143188	100.018	ug/l	98
8) Diethyl Ether	3.68	74	152502	102.917	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	278560	94.409	ug/l	99
10) Methyl Iodide	4.27	142	466887	99.928	ug/l	99
11) Tert butyl alcohol	5.19	59	94296	455.740	ug/l	99
12) 1,1-Dichloroethene	4.04	96	300610	98.309	ug/l	97
13) Acrolein	3.89	56	118074	532.082	ug/l	99
14) Allyl chloride	4.66	41	477057	101.520	ug/l	98
15) Acrylonitrile	5.37	53	327779	473.283	ug/l	99
16) Acetone	4.12	43	295094	465.866	ug/l	100
17) Carbon Disulfide	4.38	76	852879	99.367	ug/l	100
18) Methyl Acetate	4.67	43	173574	95.661	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	456042	98.628	ug/l	98
20) Methylene Chloride	4.92	84	305815	87.698	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	324040	99.727	ug/l	99
22) Diisopropyl ether	6.31	45	904349	102.716	ug/l	97
23) Vinyl Acetate	6.25	43	2680818	507.166	ug/l	97
24) 1,1-Dichloroethane	6.21	63	541456	100.618	ug/l	99
25) 2-Butanone	7.17	43	424953	455.215	ug/l	99
26) 2,2-Dichloropropane	7.17	77	317225	91.442	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	349774	101.733	ug/l	98
28) Bromochloromethane	7.51	49	230902	120.309	ug/l #	100
29) Tetrahydrofuran	7.53	42	270054	473.324	ug/l	99
30) Chloroform	7.67	83	521315	100.151	ug/l	97
31) Cyclohexane	7.95	56	516664	90.710	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	422558	99.864	ug/l	99
36) 1,1-Dichloropropene	8.08	75	444592	96.819	ug/l	100
37) Ethyl Acetate	7.25	43	187801	90.138	ug/l	99
38) Carbon Tetrachloride	8.07	117	398316	97.849	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	571569	96.073	ug/l	97
40) Benzene	8.32	78	1261681	98.427	ug/l	100
41) Methacrylonitrile	7.48	41	113737	96.000	ug/l	96
42) 1,2-Dichloroethane	8.40	62	322380	99.500	ug/l	99
43) Isopropyl Acetate	8.42	43	366912	97.477	ug/l	99
44) Trichloroethene	9.09	130	362581	99.152	ug/l	98
45) 1,2-Dichloropropane	9.37	63	311036	101.096	ug/l	97
46) Dibromomethane	9.46	93	150739	98.347	ug/l	99
47) Bromodichloromethane	9.64	83	392762	103.085	ug/l	98
48) Methyl methacrylate	9.43	41	184848	99.696	ug/l	98
49) 1,4-Dioxane	9.46	88	47477	1764.095	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	909768	459.727	ug/l	99
52) Toluene	10.38	92	826970	100.154	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	414379	104.666	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	500264	104.299	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	230118	100.024	ug/l	96
56) Ethyl methacrylate	10.65	69	315981	101.976	ug/l	100
57) 1,3-Dichloropropane	10.93	76	391149	99.015	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	741175	507.014	ug/l	99
59) 2-Hexanone	10.97	43	639584	471.324	ug/l	99
60) Dibromochloromethane	11.13	129	274574	103.781	ug/l	96
61) 1,2-Dibromoethane	11.24	107	217500	99.395	ug/l	99
64) Tetrachloroethene	10.86	164	311746	97.079	ug/l	96
65) Chlorobenzene	11.66	112	856444	98.785	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	306030	101.616	ug/l	99
67) Ethyl Benzene	11.73	91	1567706	98.932	ug/l	100
68) m/p-Xylenes	11.83	106	1191848	197.678	ug/l	99
69) o-Xylene	12.16	106	562339	100.950	ug/l	98
70) Styrene	12.18	104	971277	101.550	ug/l	99
71) Bromoform	12.35	173	169182	102.391	ug/l #	100
73) Isopropylbenzene	12.46	105	1545548	100.493	ug/l	99
74) N-amyl acetate	12.27	43	336953	100.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	252031	96.143	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	323353	187.513	ug/l #	100
77) Bromobenzene	12.74	156	367859	100.909	ug/l	99
78) n-propylbenzene	12.80	91	1764637	99.224	ug/l	99
79) 2-Chlorotoluene	12.89	91	989001	99.259	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1274874	99.765	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	89813	102.668	ug/l	98
82) 4-Chlorotoluene	12.99	91	1036426	100.219	ug/l	100
83) tert-Butylbenzene	13.21	119	1130852	99.646	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1256092	99.388	ug/l	100
85) sec-Butylbenzene	13.38	105	1543105	98.409	ug/l	100
86) p-Isopropyltoluene	13.50	119	1425892	98.972	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	685103	99.114	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	673392	99.445	ug/l	100
89) n-Butylbenzene	13.82	91	1307305	100.450	ug/l	100
90) Hexachloroethane	14.09	117	250931	101.793	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	608560	99.715	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	38989	93.296	ug/l	99

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Quant Time: Oct 09 05:20:50 2019
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:13:15 2019
Response via : Initial Calibration

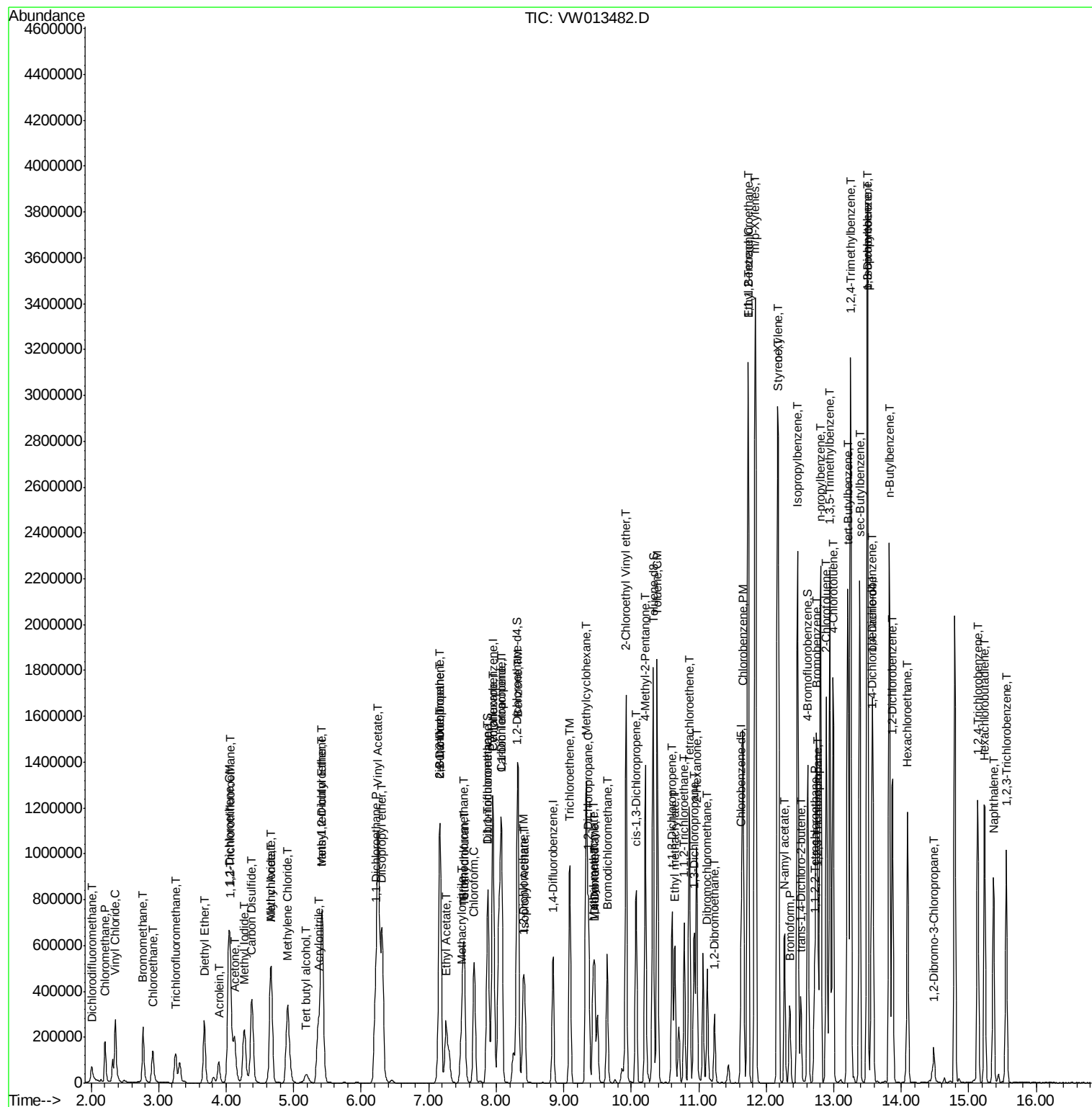
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	455860	105.688	ug/l	99
94) Hexachlorobutadiene	15.23	225	283573	98.932	ug/l	98
95) Naphthalene	15.36	128	795445	106.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	393050	104.211	ug/l	99

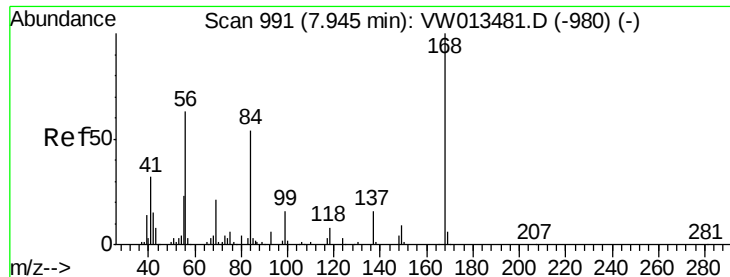
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100819\
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 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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Quant Time: Oct 09 05:20:50 2019
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

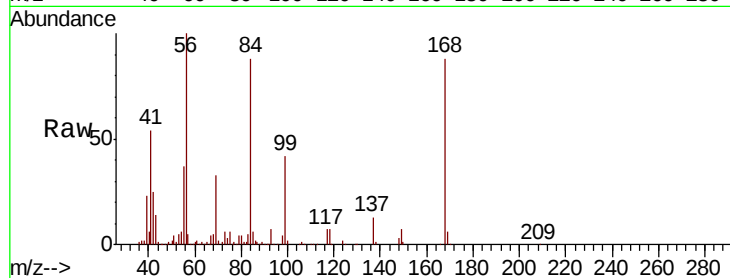
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 352318

Ion Ratio Lower Upper

168 100

99 48.3 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

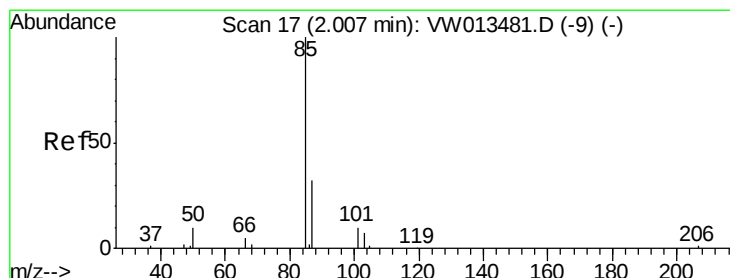
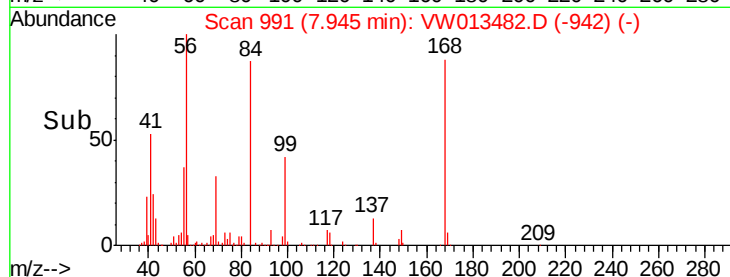
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 98.716 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW013482.D

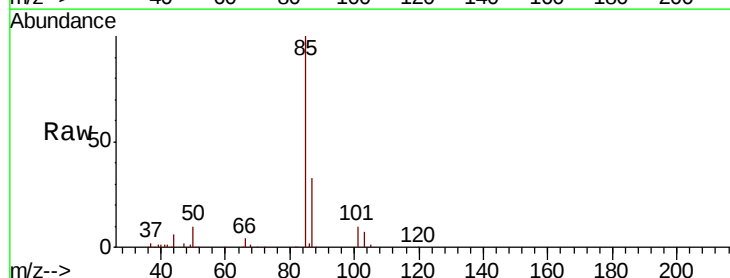
Acq: 08 Oct 2019 12:11

Tgt Ion: 85 Resp: 115204

Ion Ratio Lower Upper

85 100

87 32.7 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

40000

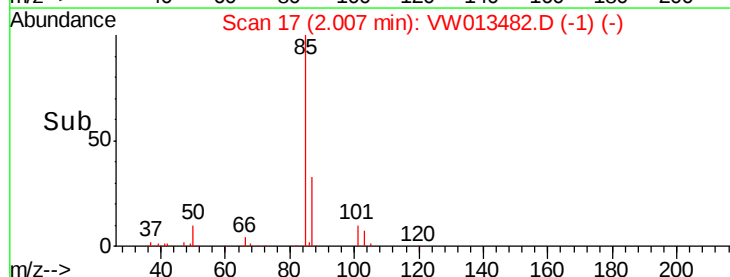
30000

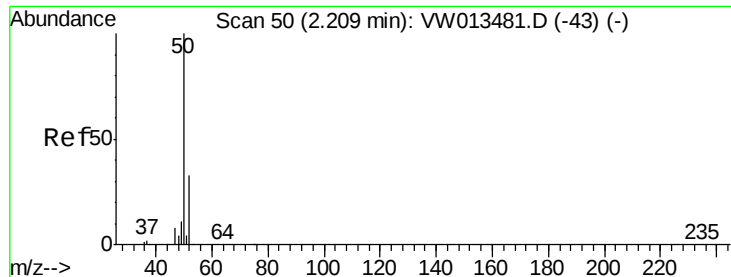
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 91.192 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

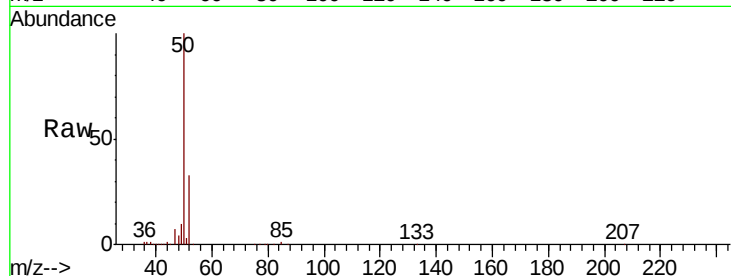
ClientSampled :

Tot Ion: 50 Resp: 187065

Ion Ratio Lower Upper

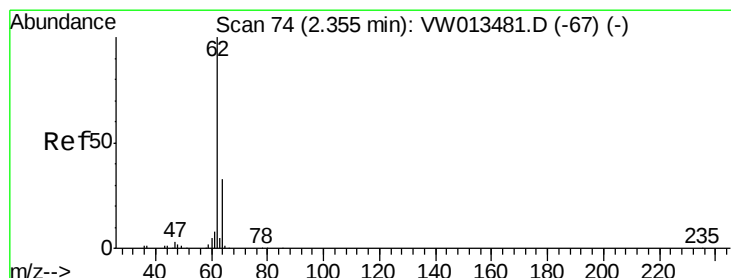
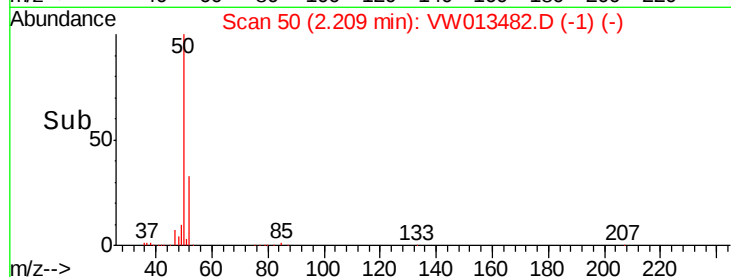
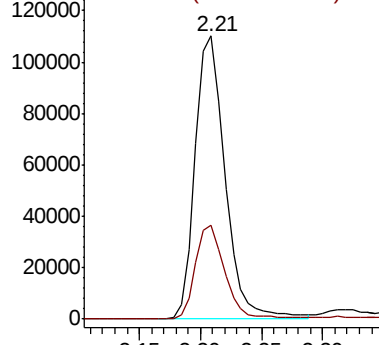
50 100

52 33.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 94.729 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013482.D

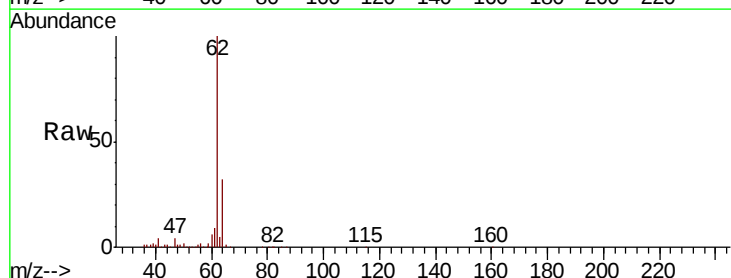
Acq: 08 Oct 2019 12:11

Tgt Ion: 62 Resp: 286633

Ion Ratio Lower Upper

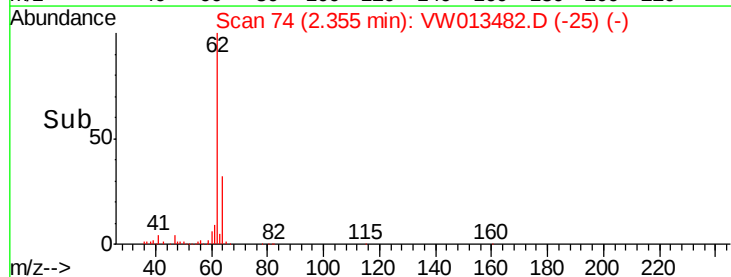
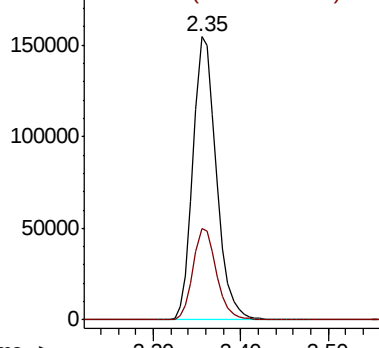
62 100

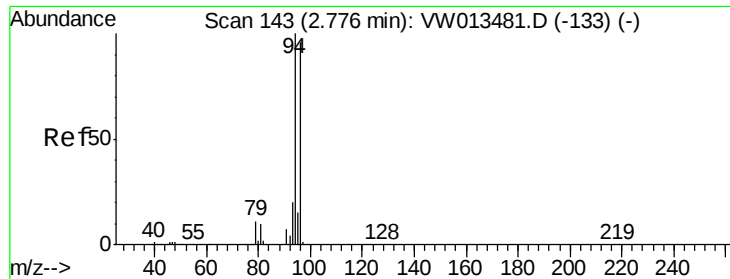
64 32.1 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 97.788 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

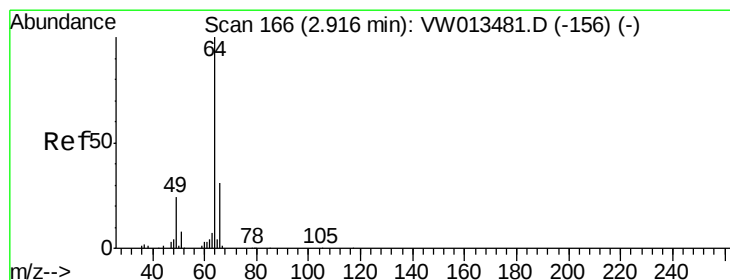
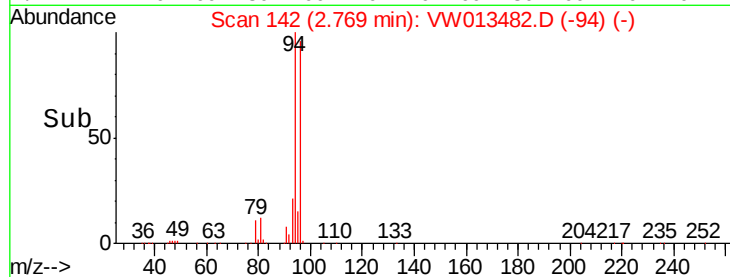
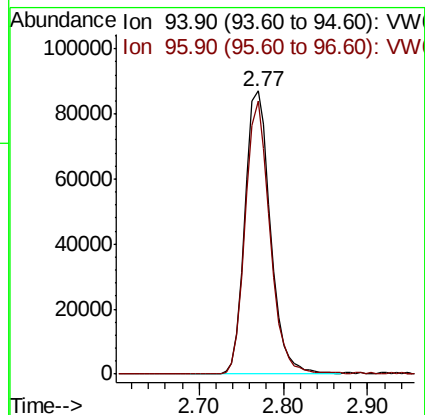
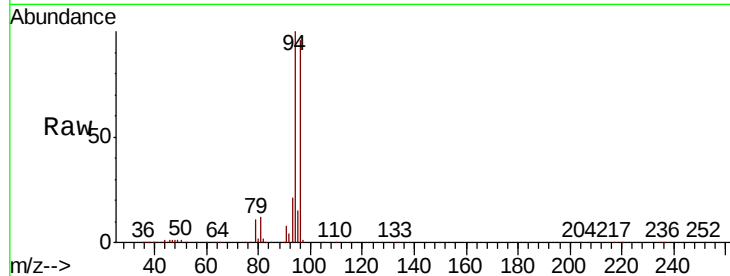
ClientSampleId :

Tot Ion: 94 Resp: 176546

Ion Ratio Lower Upper

94 100

96 96.3 77.0 115.6



#6

Chloroethane

Concen: 98.000 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013482.D

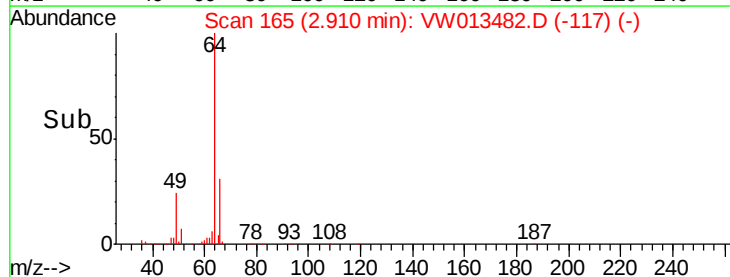
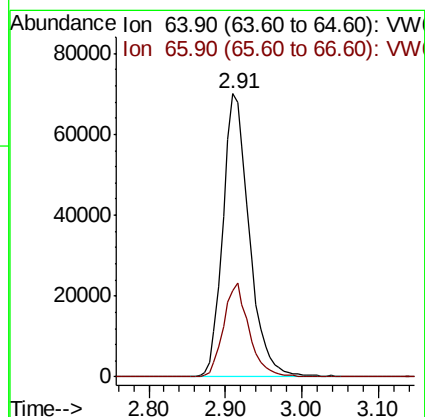
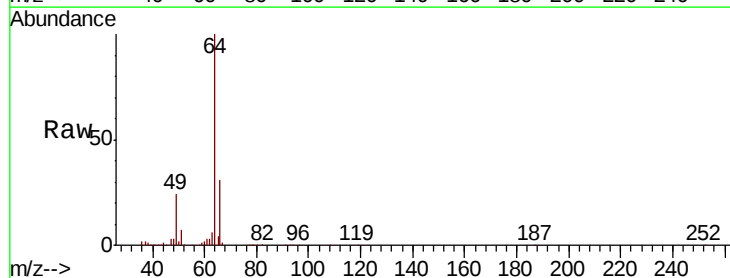
Acq: 08 Oct 2019 12:11

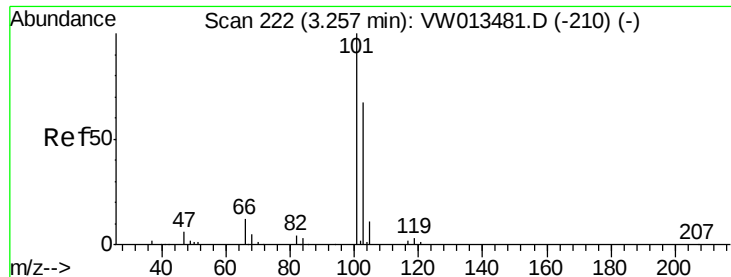
Tgt Ion: 64 Resp: 166527

Ion Ratio Lower Upper

64 100

66 30.5 25.0 37.4



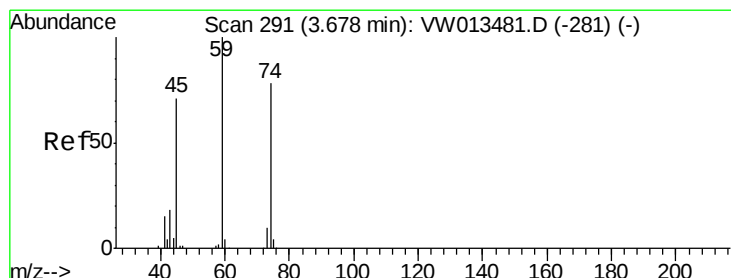
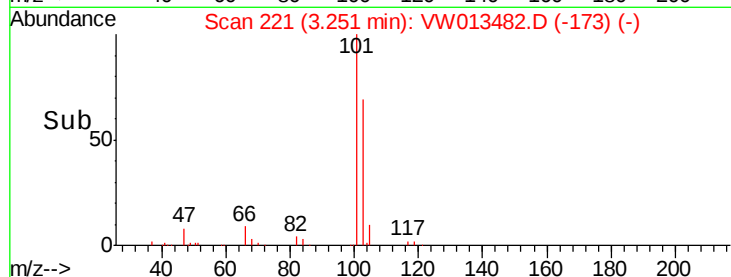
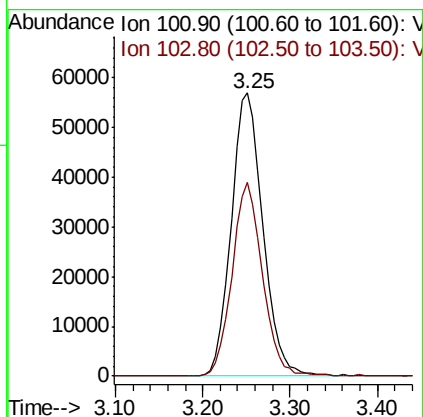
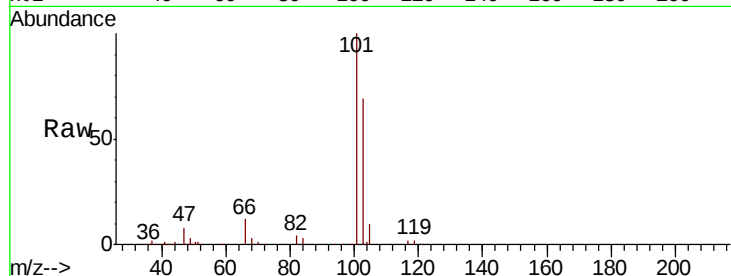


#7

Trichlorofluoromethane
Concen: 100.018 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Instrument :
MSVOA_W
ClientSampled :

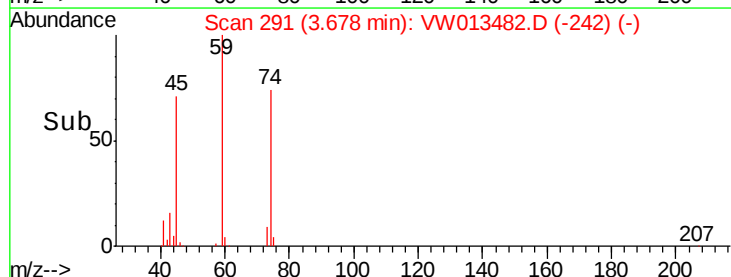
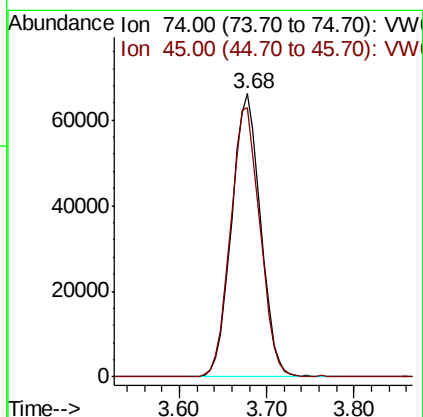
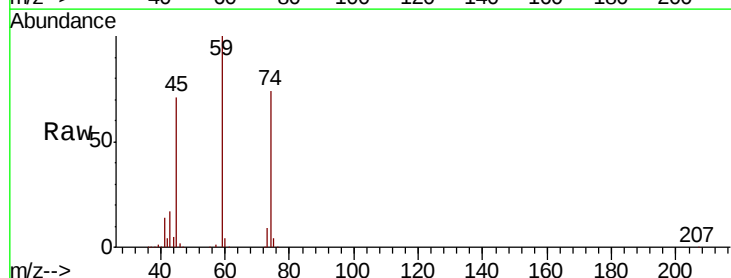
Tot Ion:101 Resp: 143188
Ion Ratio Lower Upper
101 100
103 68.5 53.7 80.5

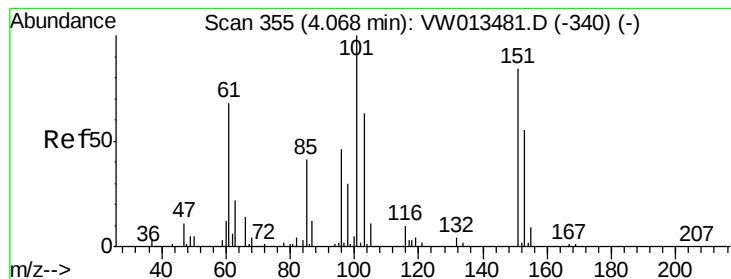


#8

Diethyl Ether
Concen: 102.917 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion: 74 Resp: 152502
Ion Ratio Lower Upper
74 100
45 97.1 50.0 150.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.409 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

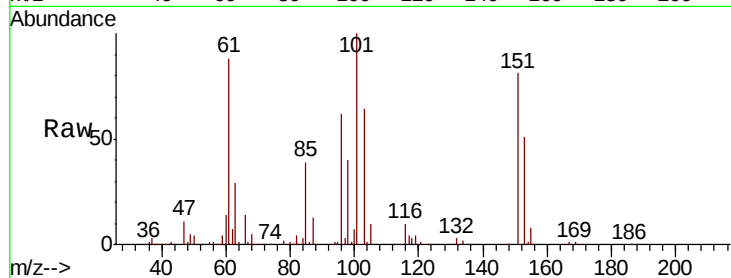
Tot Ion:101 Resp: 278560

Ion Ratio Lower Upper

101 100

85 40.8 31.6 47.4

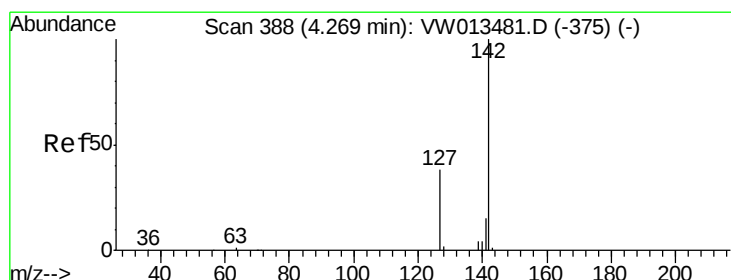
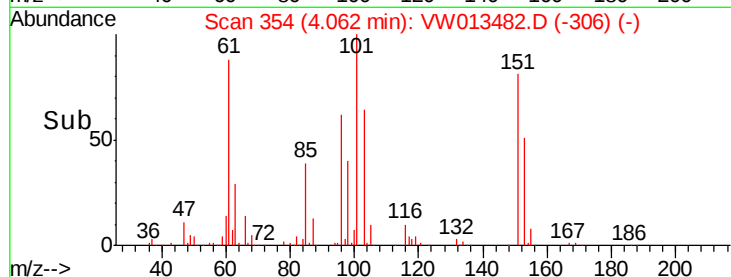
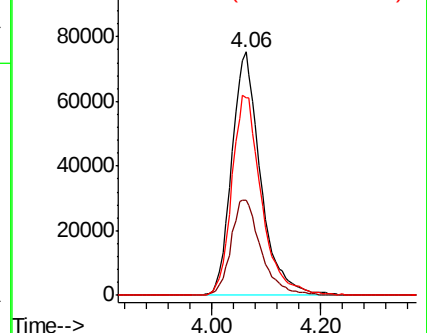
151 84.3 67.5 101.3



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: 99.928 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

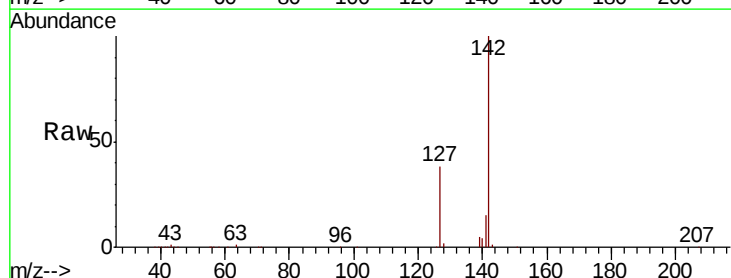
Tgt Ion:142 Resp: 466887

Ion Ratio Lower Upper

142 100

127 37.7 29.6 44.4

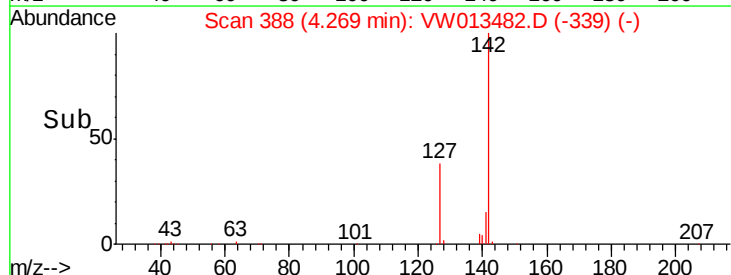
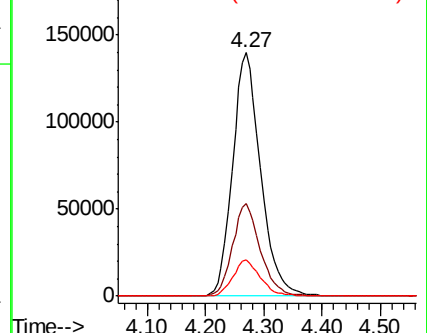
141 14.6 12.1 18.1

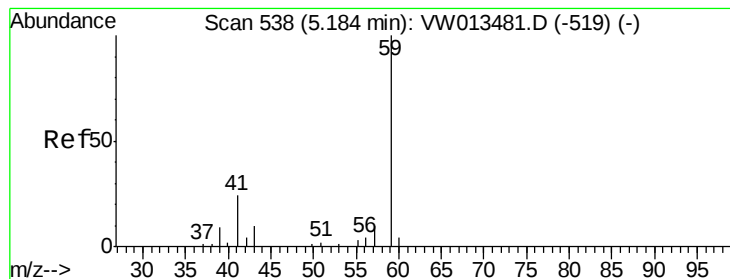


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



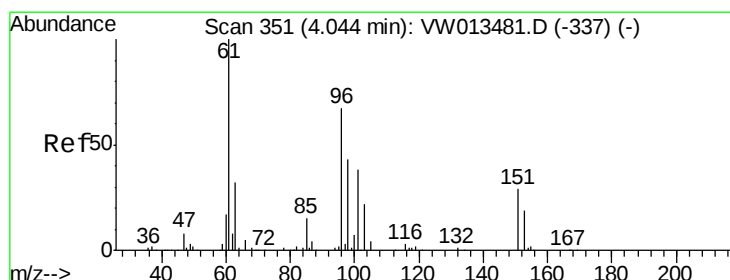
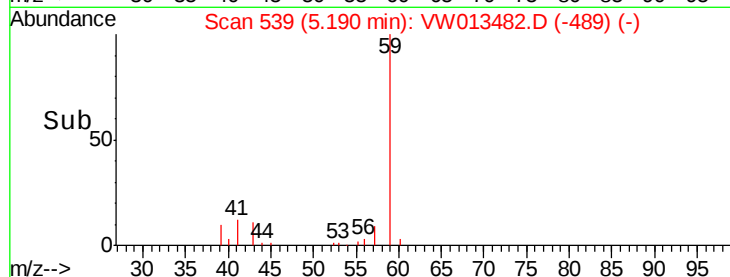
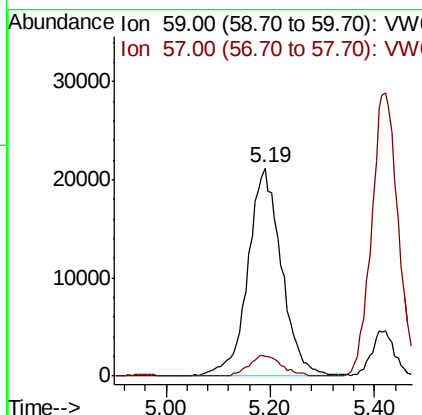
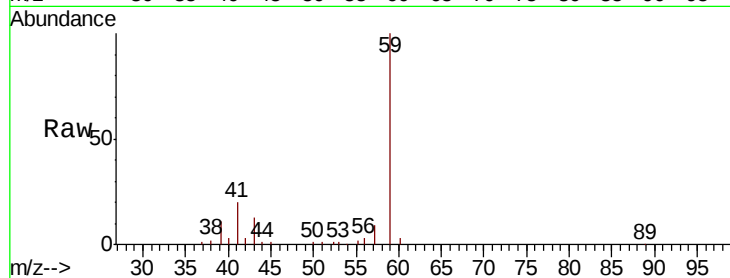


#11

Tert butyl alcohol
 Concen: 455.740 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

Instrument :
 MSVOA_W
 ClientSampleId :

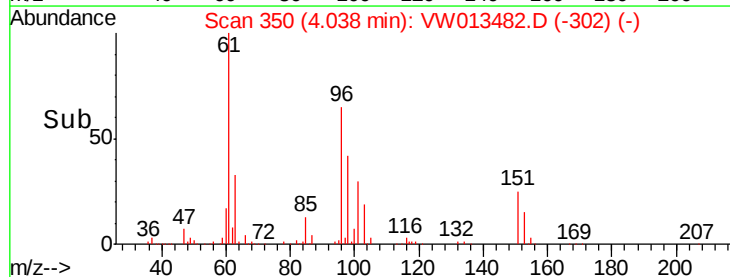
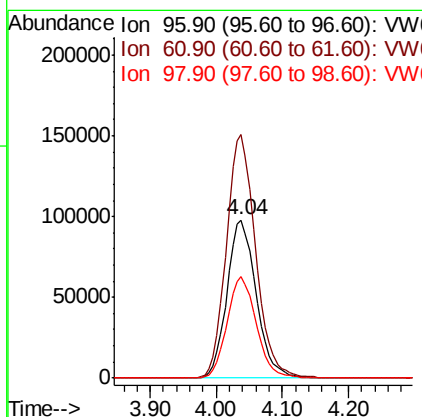
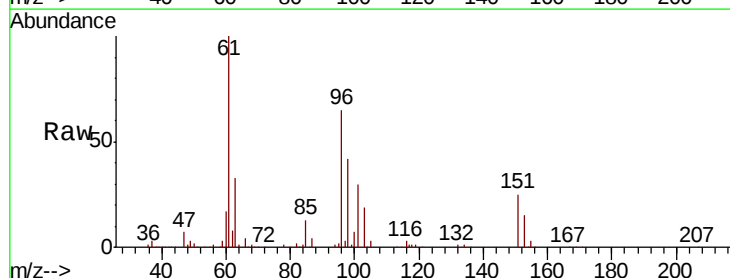
Tot Ion: 59 Resp: 94296
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.4

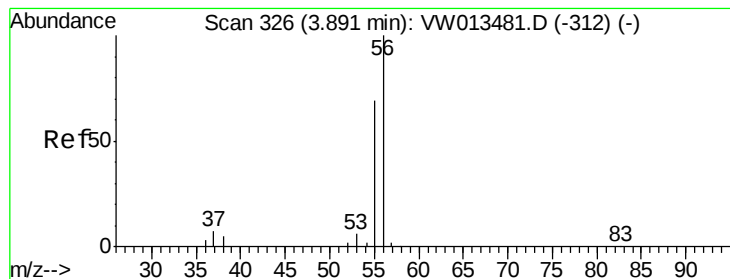


#12

1,1-Dichloroethene
 Concen: 98.309 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

Tgt Ion: 96 Resp: 300610
 Ion Ratio Lower Upper
 96 100
 61 154.0 119.4 179.0
 98 64.3 51.1 76.7





#13

Acrolein

Concen: 532.082 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

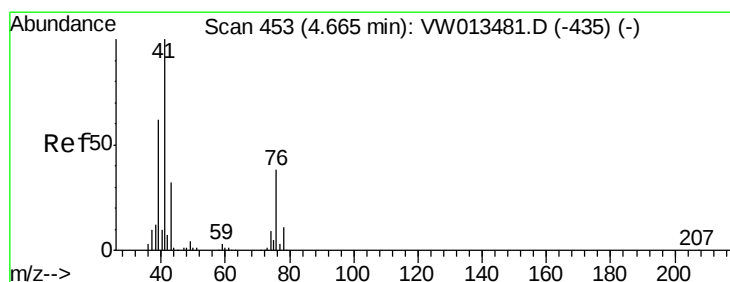
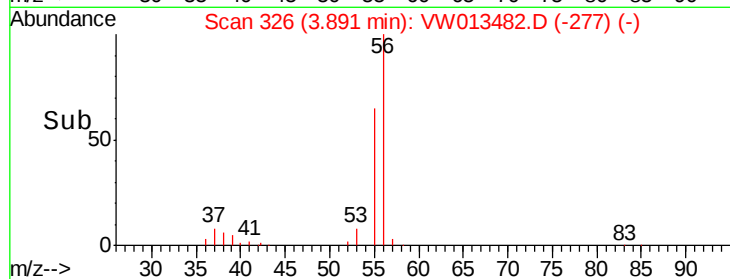
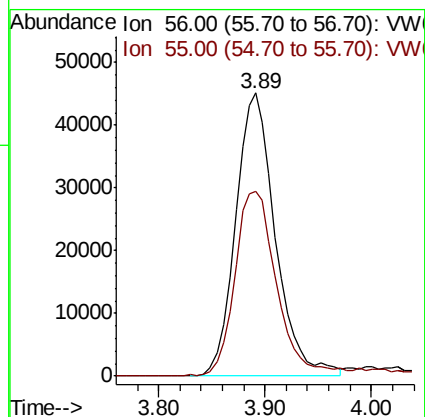
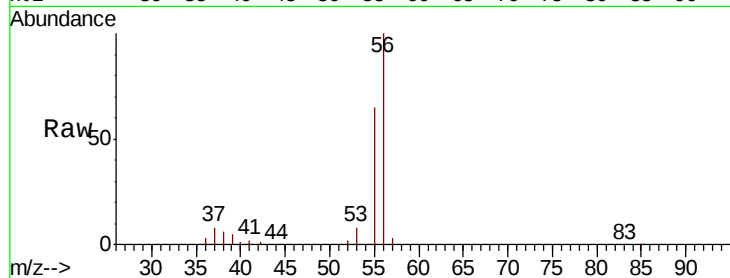
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 118074

Ion Ratio Lower Upper

56 100

55 69.3 55.9 83.9



#14

Allyl chloride

Concen: 101.520 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

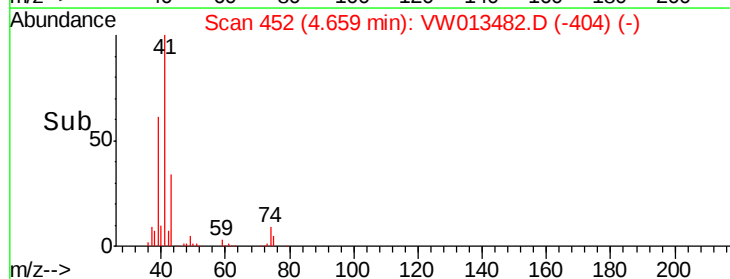
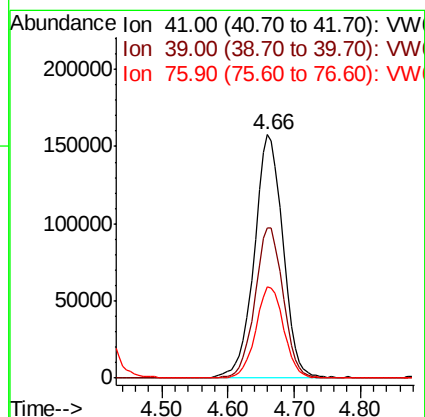
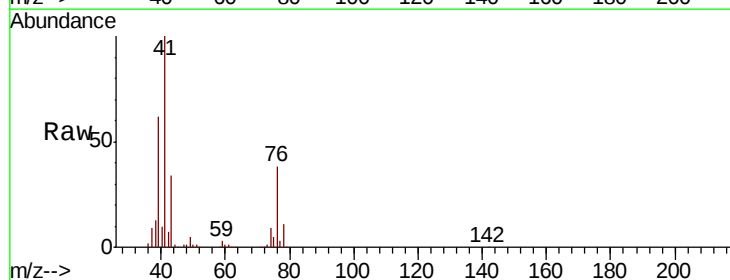
Tgt Ion: 41 Resp: 477057

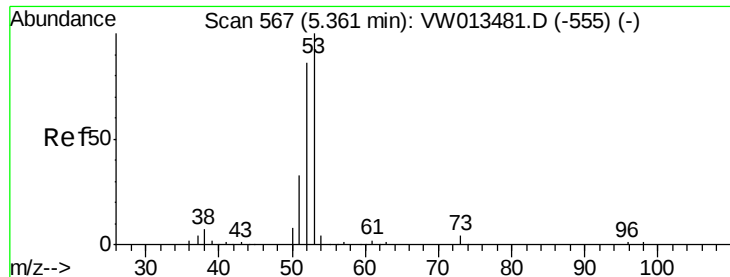
Ion Ratio Lower Upper

41 100

39 60.6 50.1 75.1

76 36.3 29.0 43.4





#15

Acrylonitrile

Concen: 473.283 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

ClientSampled :

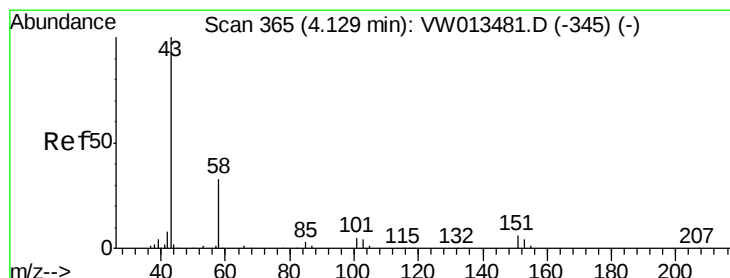
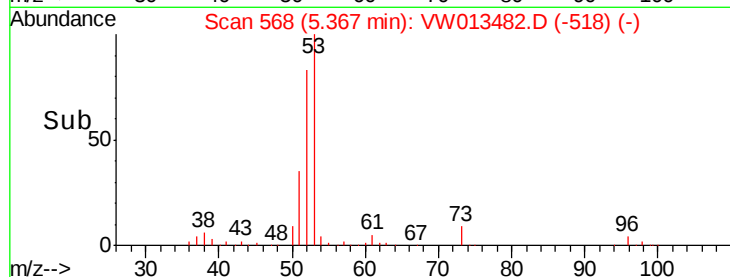
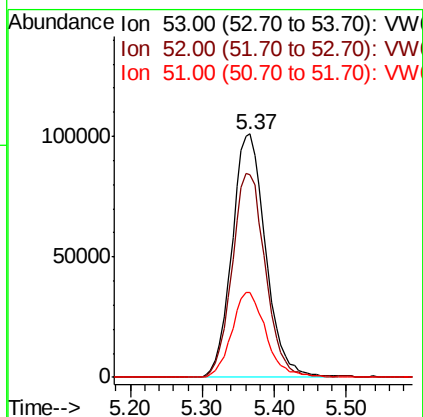
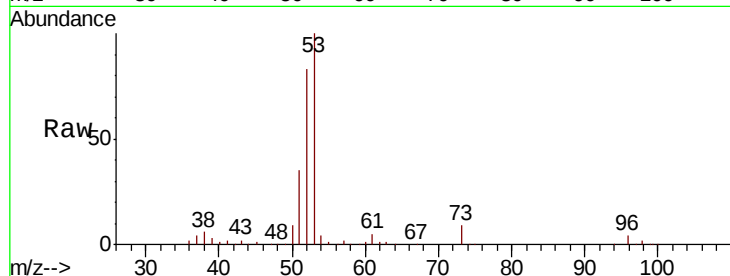
Tot Ion: 53 Resp: 327779

Ion Ratio Lower Upper

53 100

52 82.9 65.8 98.8

51 35.5 28.6 42.8



#16

Acetone

Concen: 465.866 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013482.D

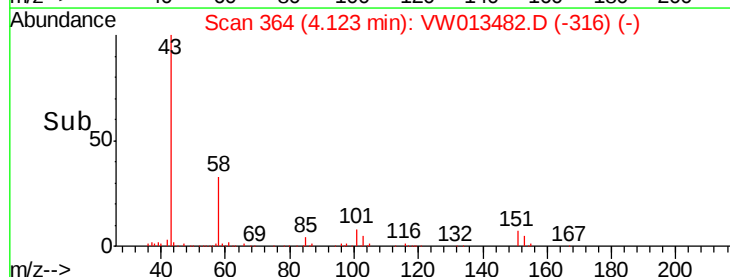
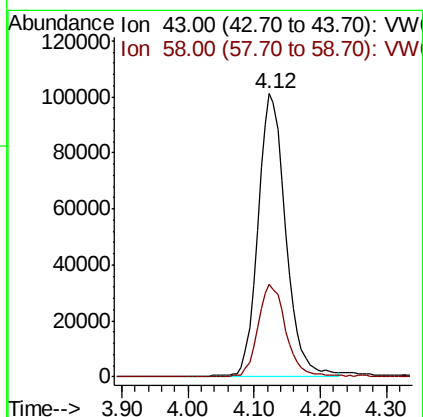
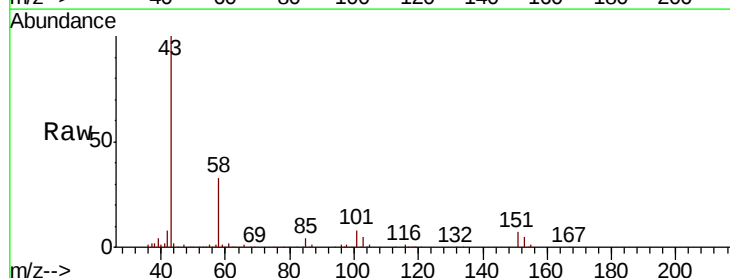
Acq: 08 Oct 2019 12:11

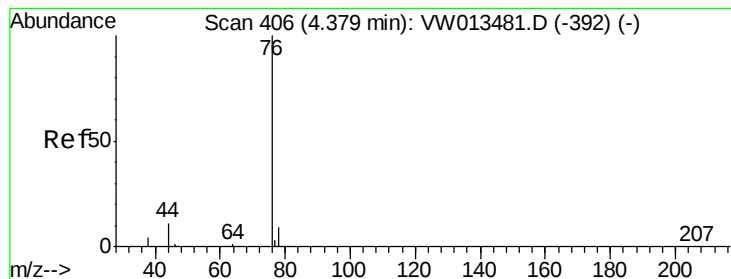
Tgt Ion: 43 Resp: 295094

Ion Ratio Lower Upper

43 100

58 32.5 26.1 39.1





#17

Carbon Disulfide

Concen: 99.367 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

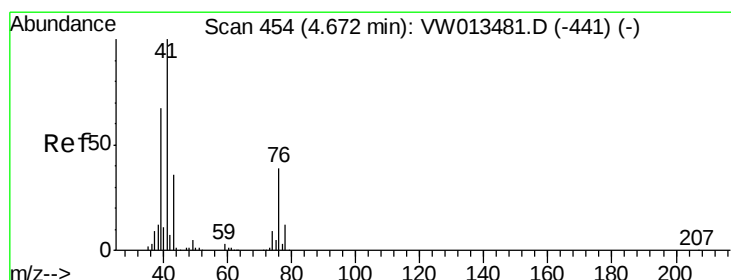
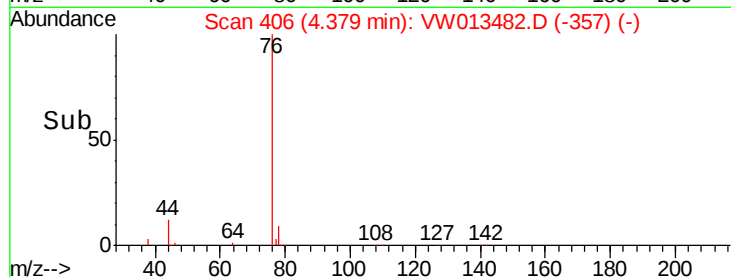
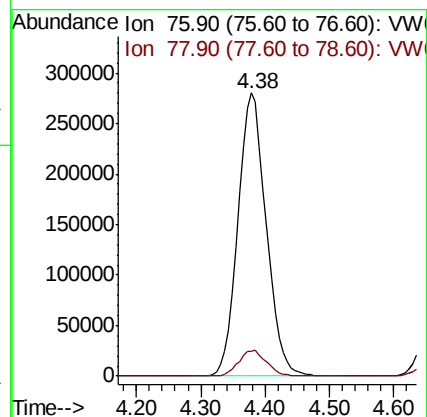
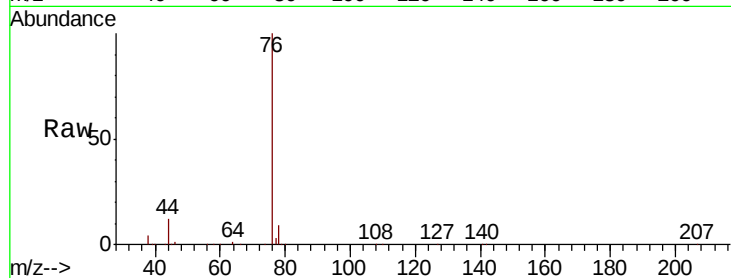
ClientSampleId :

Tot Ion: 76 Resp: 852879

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 95.661 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW013482.D

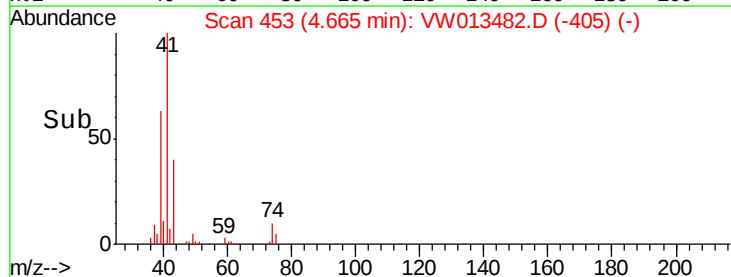
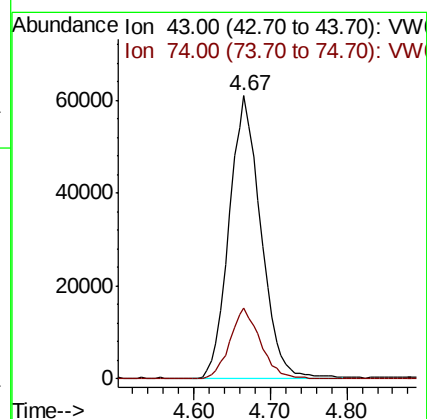
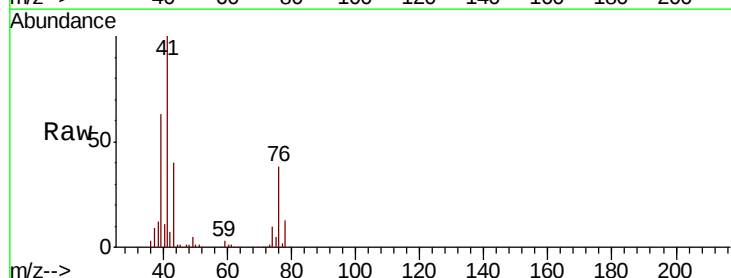
Acq: 08 Oct 2019 12:11

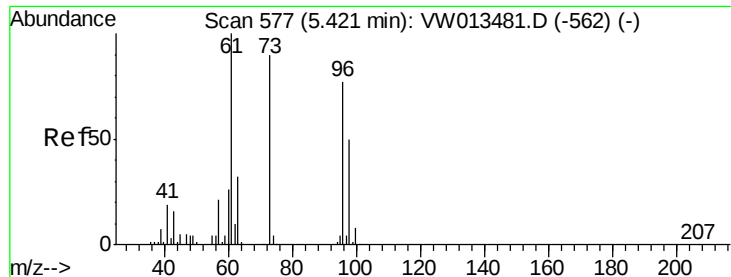
Tgt Ion: 43 Resp: 173574

Ion Ratio Lower Upper

43 100

74 24.4 19.6 29.4

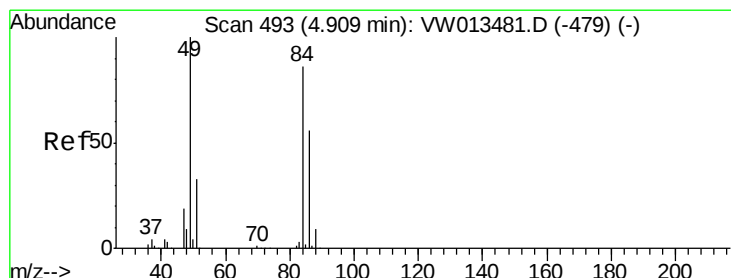
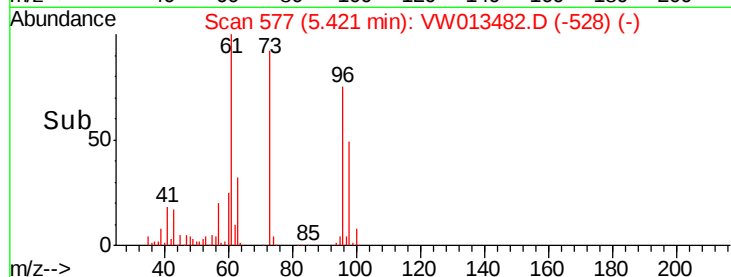
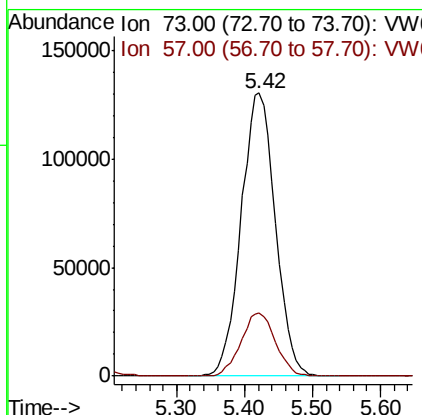
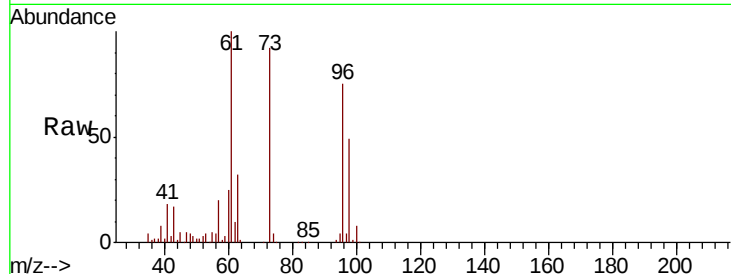




#19
Methvl tert-butvl Ether
Concen: 98.628 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

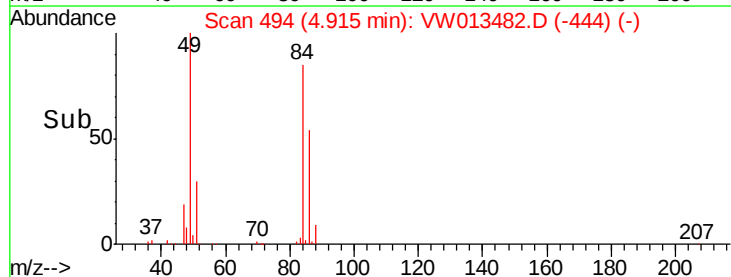
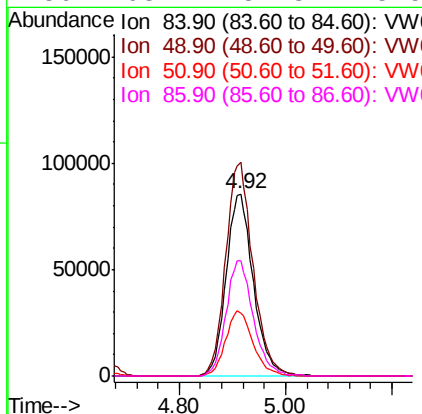
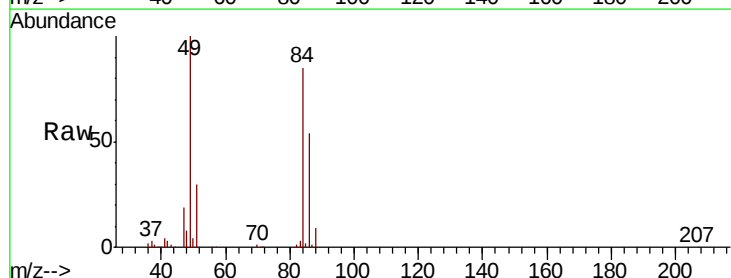
Instrument :
MSVOA_W
ClientSampleId :

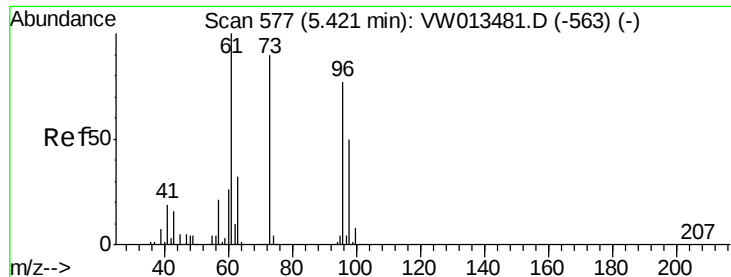
Tot Ion: 73 Resp: 456042
Ion Ratio Lower Upper
73 100
57 22.1 18.6 27.8



#20
Methylene Chloride
Concen: 87.698 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion: 84 Resp: 305815
Ion Ratio Lower Upper
84 100
49 117.2 93.4 140.0
51 34.6 30.6 46.0
86 63.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 99.727 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

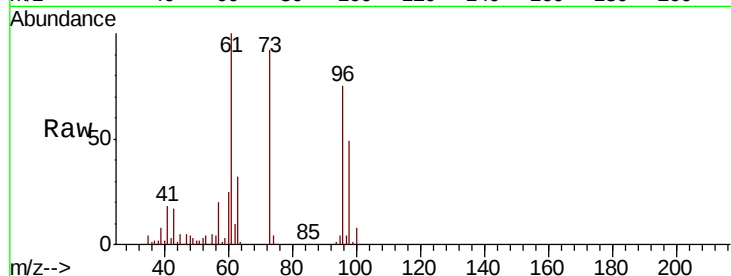
Tot Ion: 96 Resp: 324040

Ion Ratio Lower Upper

96 100

61 132.6 104.3 156.5

98 64.6 51.8 77.8

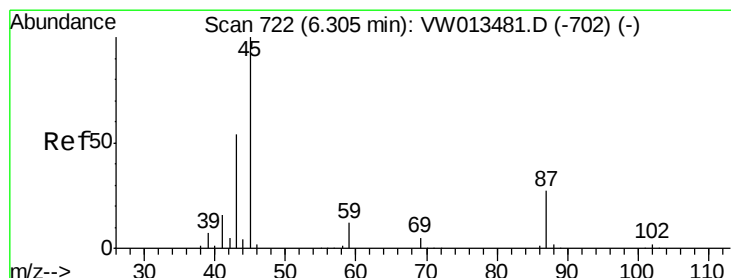
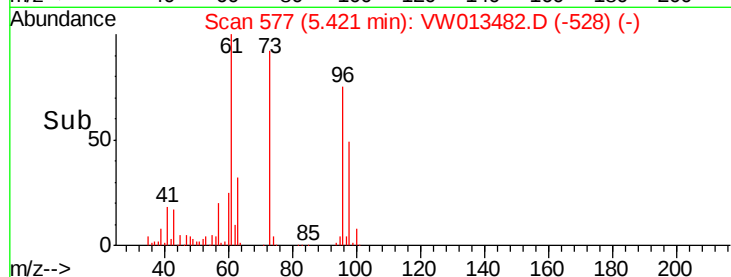
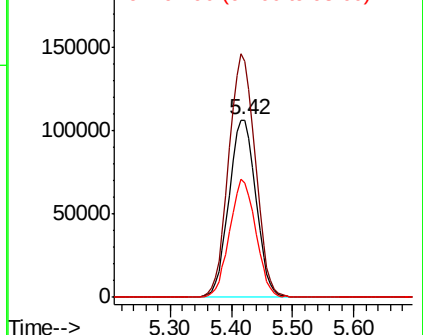


Abundance

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: 102.716 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Tgt Ion: 45 Resp: 904349

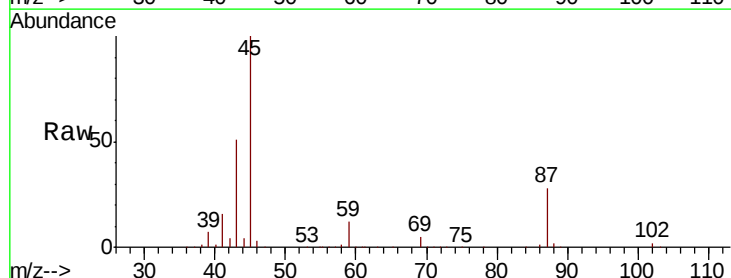
Ion Ratio Lower Upper

45 100

43 51.3 43.4 65.0

87 27.9 22.1 33.1

59 11.9 9.9 14.9



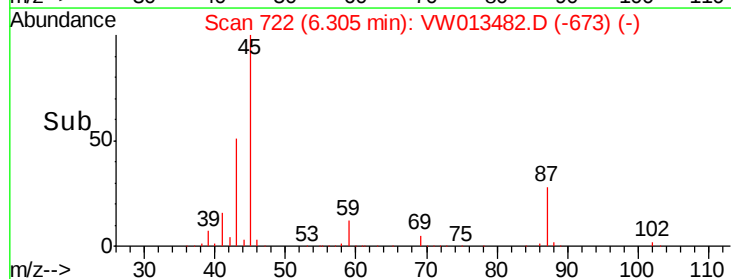
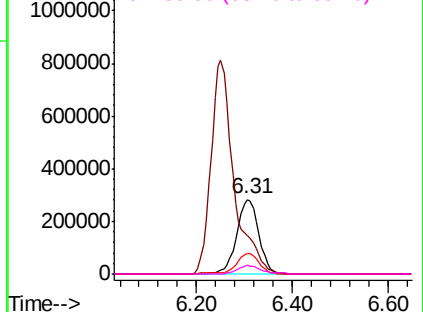
Abundance

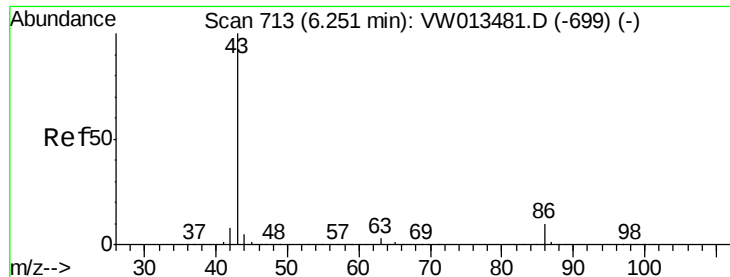
Ion 45.00 (44.70 to 45.70): VW

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: 507.166 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

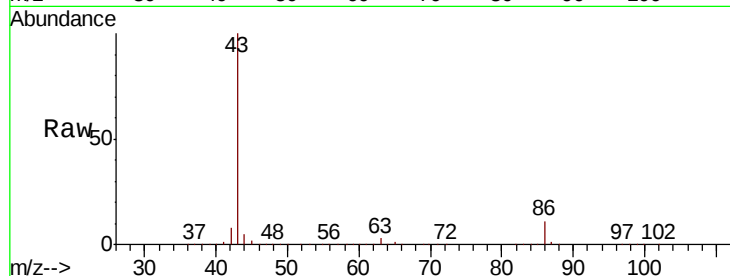
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2680818

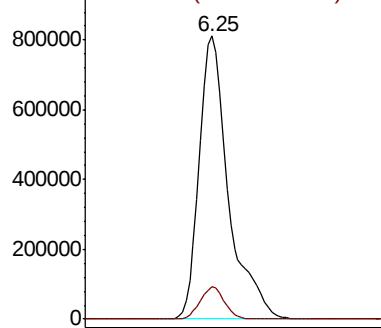
Ion Ratio Lower Upper

43 100

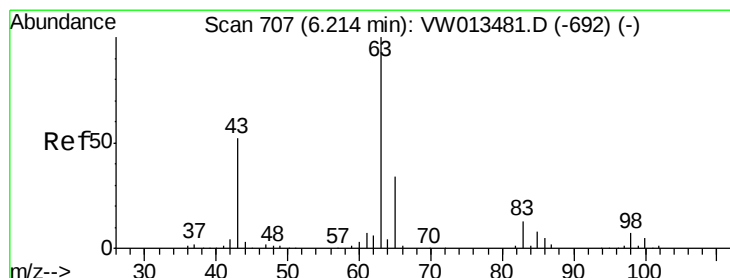
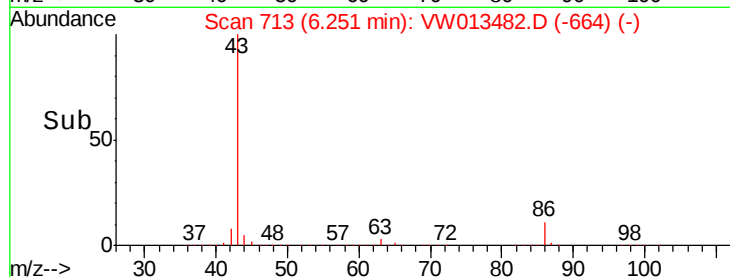
86 11.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 100.618 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

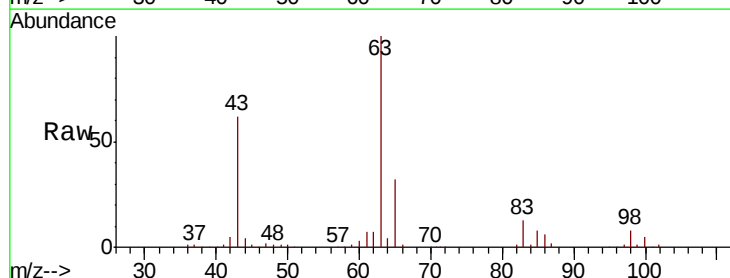
Tgt Ion: 63 Resp: 541456

Ion Ratio Lower Upper

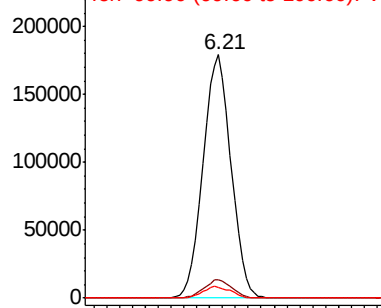
63 100

98 7.5 3.5 10.6

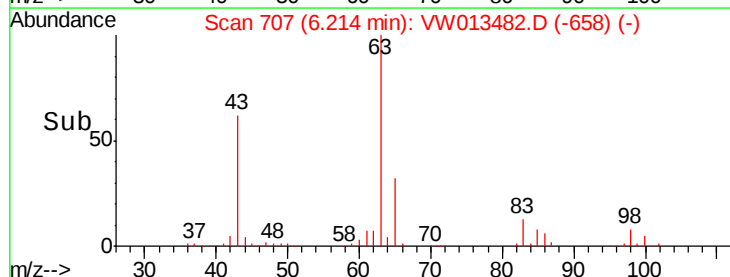
100 4.6 2.3 6.8

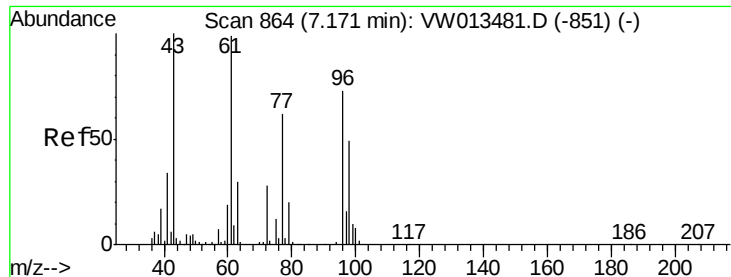


Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 455.215 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

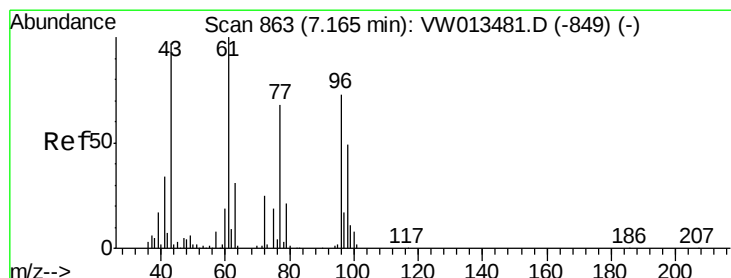
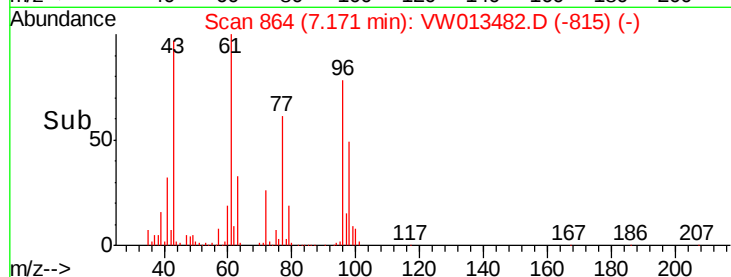
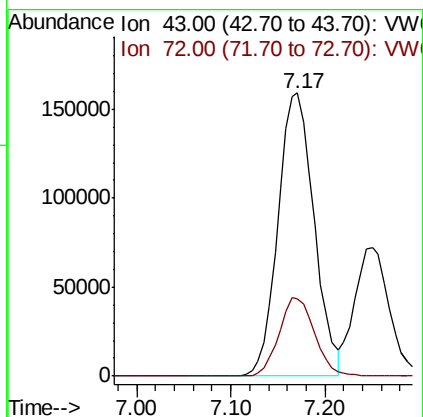
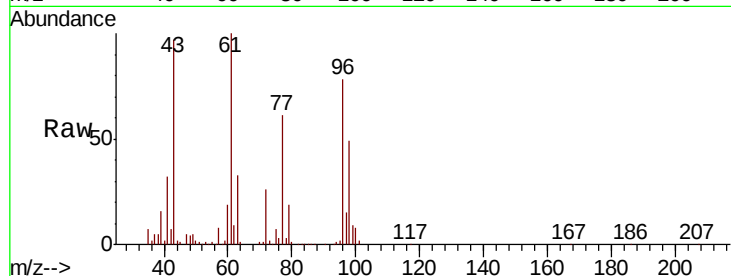
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 424953

Ion Ratio Lower Upper

43 100

72 27.1 22.1 33.1



#26

2,2-Dichloropropane

Concen: 91.442 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013482.D

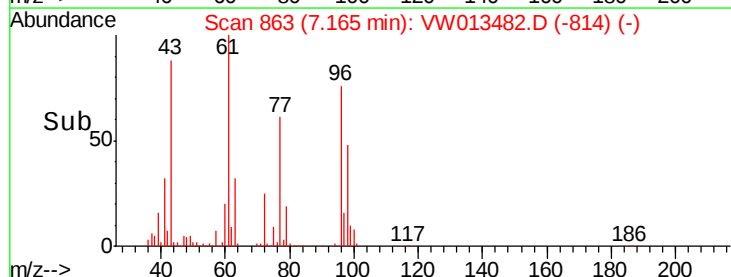
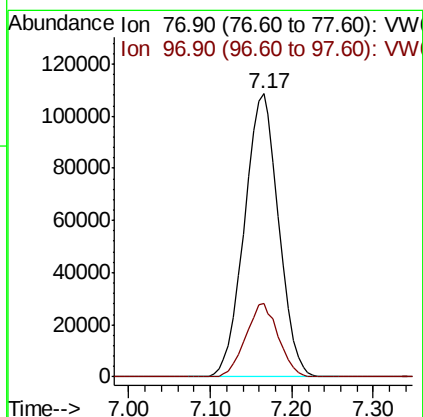
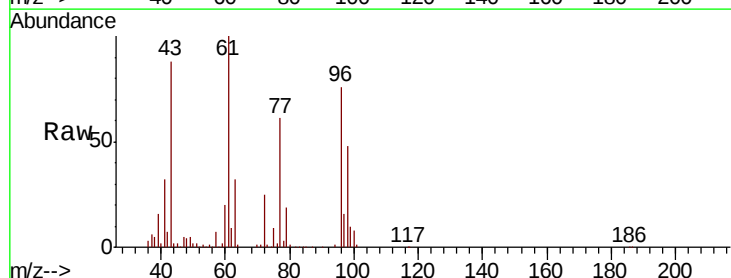
Acq: 08 Oct 2019 12:11

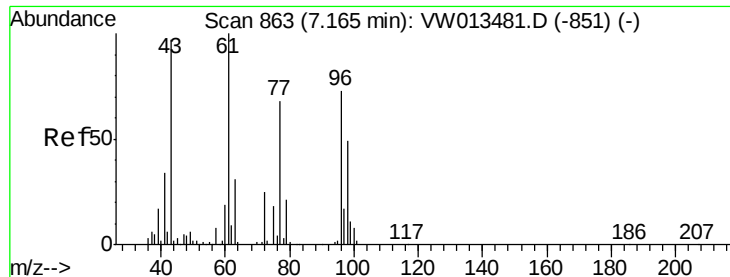
Tgt Ion: 77 Resp: 317225

Ion Ratio Lower Upper

77 100

97 24.8 12.6 37.6



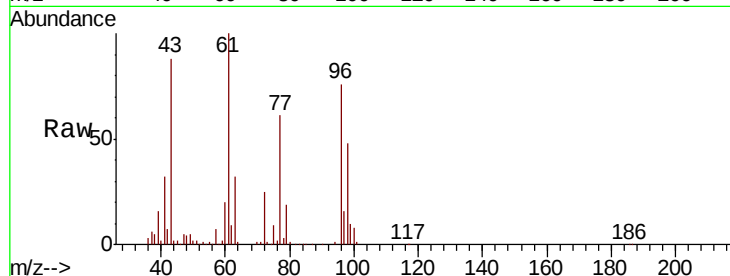


#27

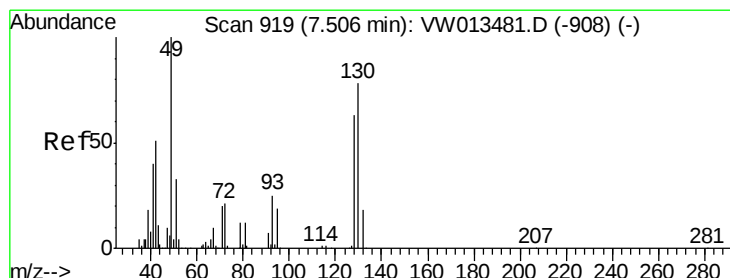
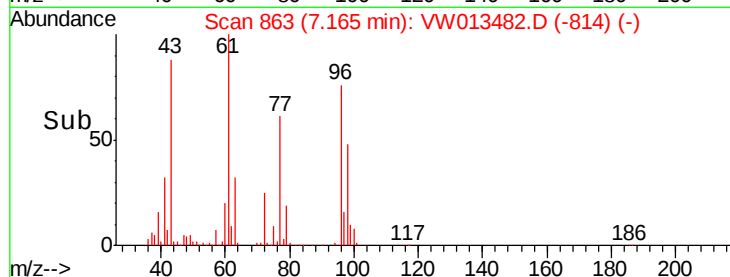
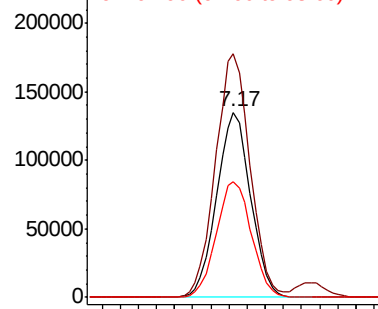
cis-1,2-Dichloroethene
Concen: 101.733 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	96	Resp	349774
Ion Ratio	Lower	Upper	
96	100		
61	134.1	0.0	274.4
98	64.8	0.0	130.2



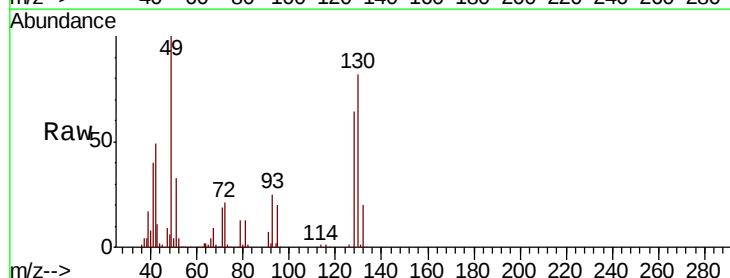
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



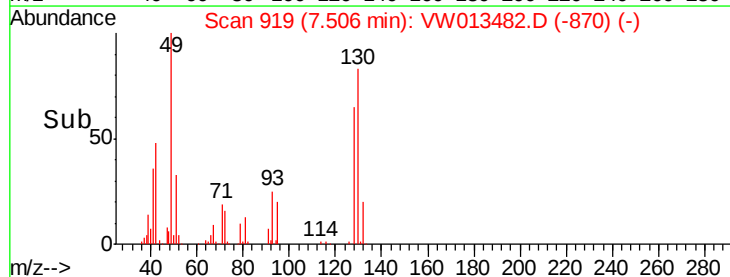
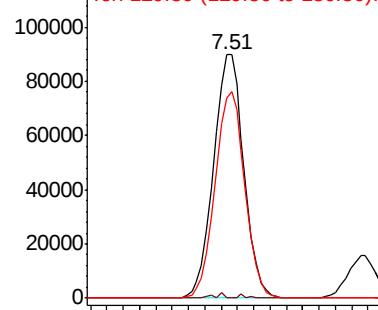
#28

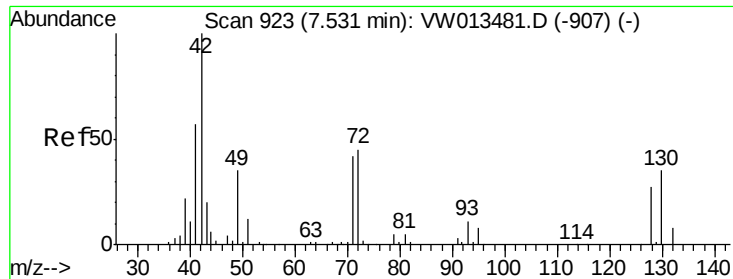
Bromochloromethane
Concen: 120.309 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion	49	Resp	230902
Ion Ratio	Lower	Upper	
49	100		
129	0.7	0.0	1.6
130	83.4	0.0	0.0#



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

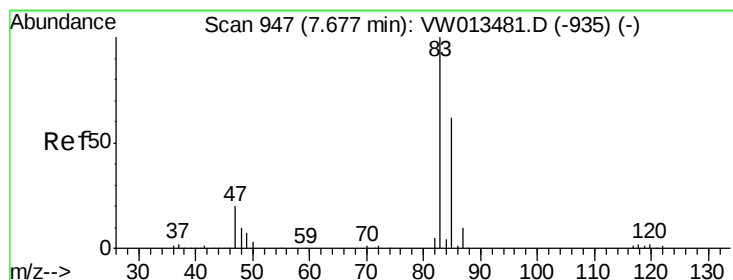
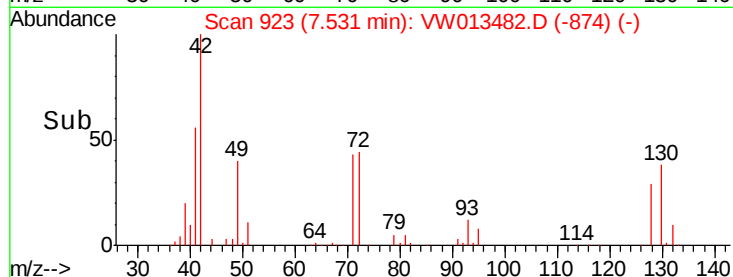
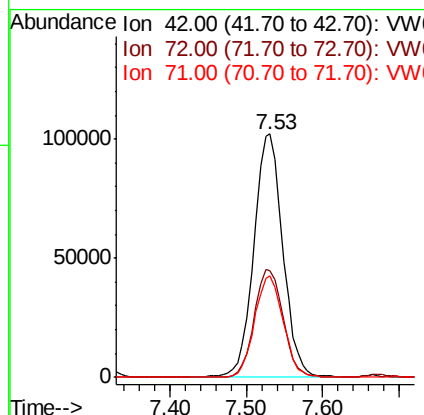
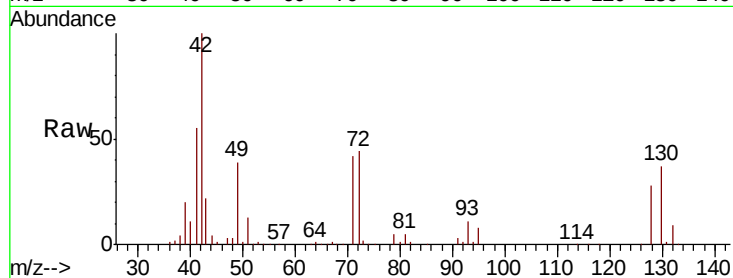




#29
Tetrahydrofuran
Concen: 473.324 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

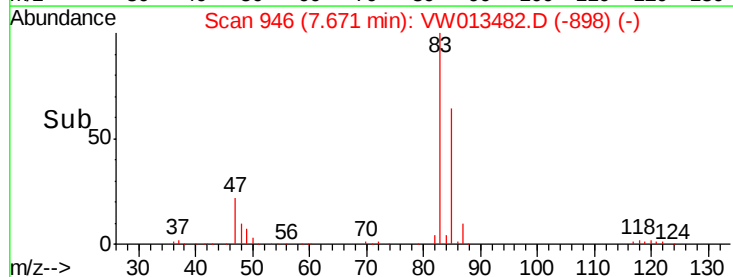
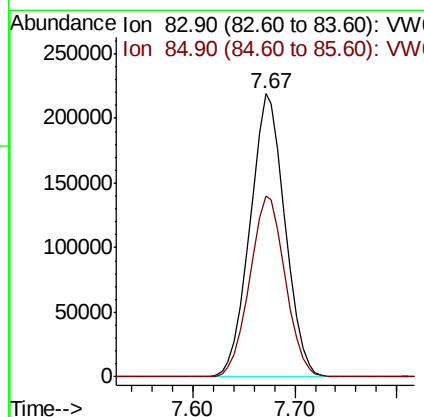
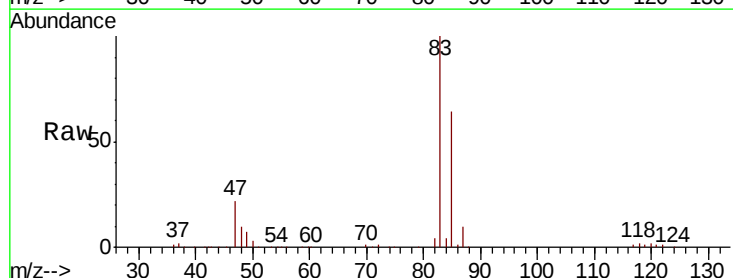
Instrument :
MSVOA_W
ClientSampleId :

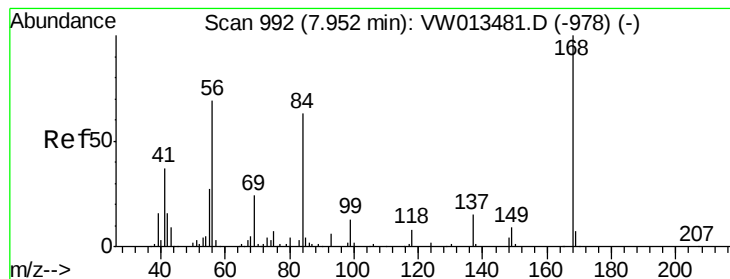
Tot Ion: 42 Resp: 270054
Ion Ratio Lower Upper
42 100
72 44.3 34.8 52.2
71 41.3 33.6 50.4



#30
Chloroform
Concen: 100.151 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion: 83 Resp: 521315
Ion Ratio Lower Upper
83 100
85 63.7 49.4 74.2





#31

Cyclohexane

Concen: 90.710 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

ClientSampled :

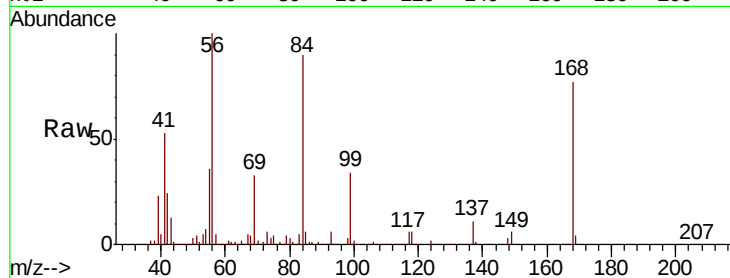
Tot Ion: 56 Resp: 516664

Ion Ratio Lower Upper

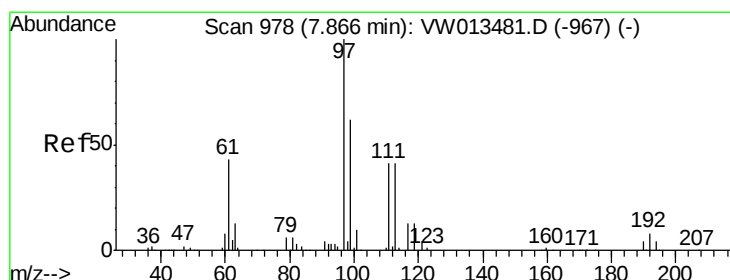
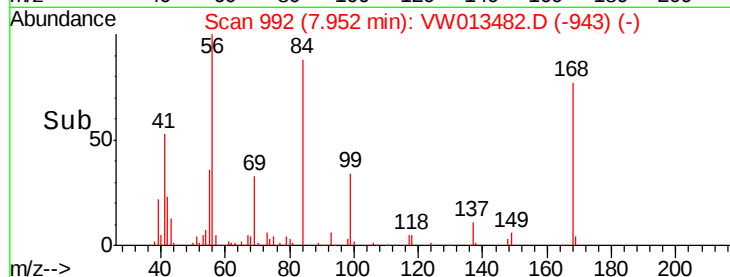
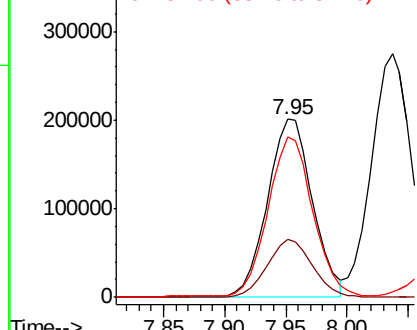
56 100

69 32.5 28.0 42.0

84 88.8 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: 99.864 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

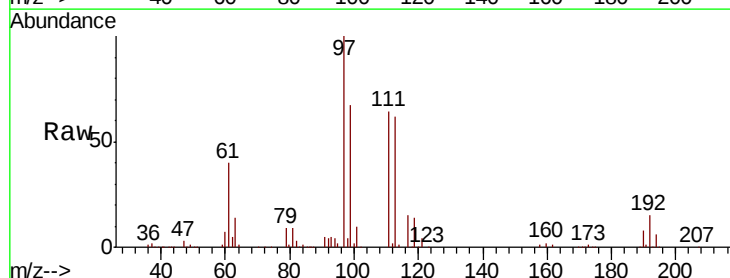
Tgt Ion: 97 Resp: 422558

Ion Ratio Lower Upper

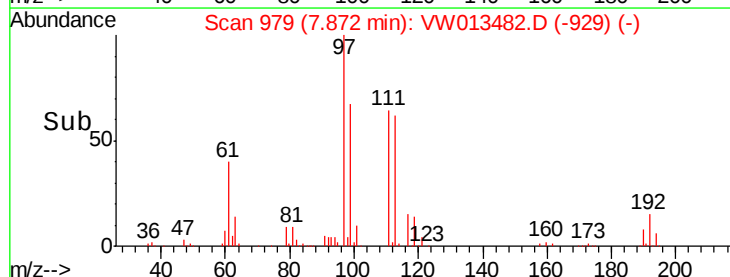
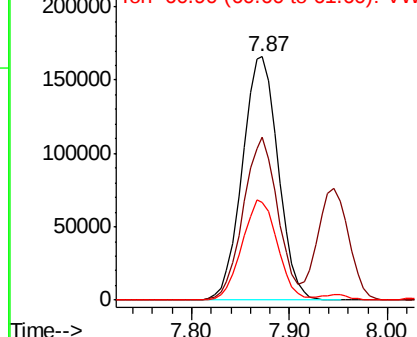
97 100

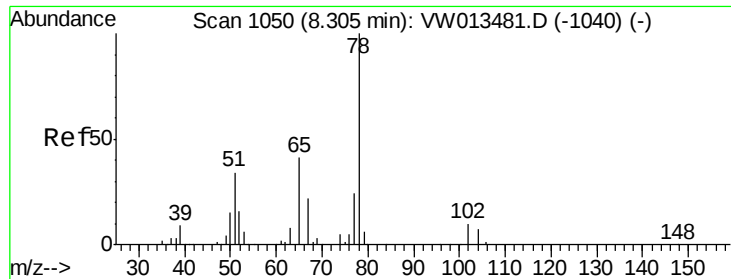
99 64.5 52.3 78.5

61 41.0 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: 104.710 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

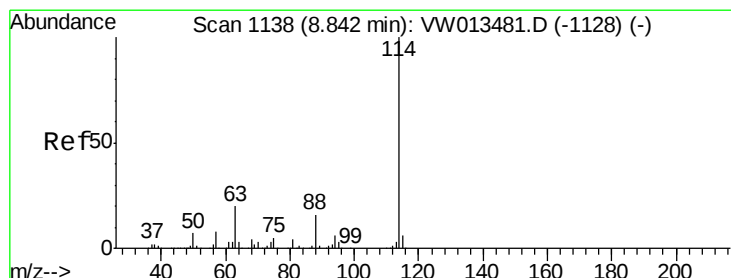
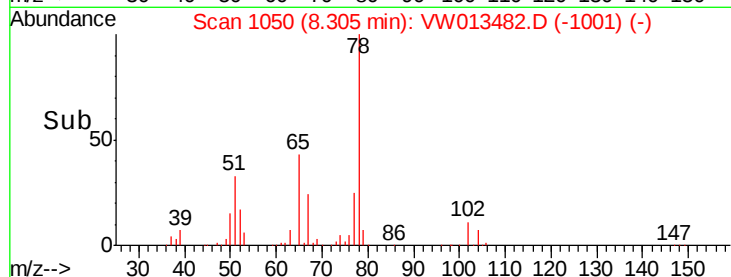
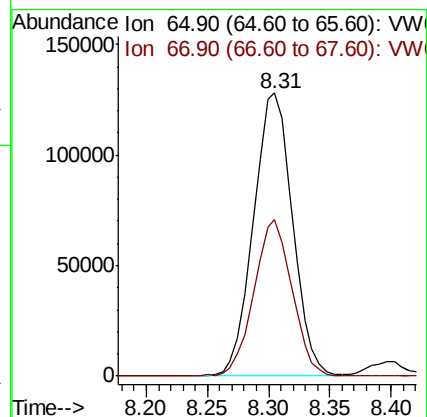
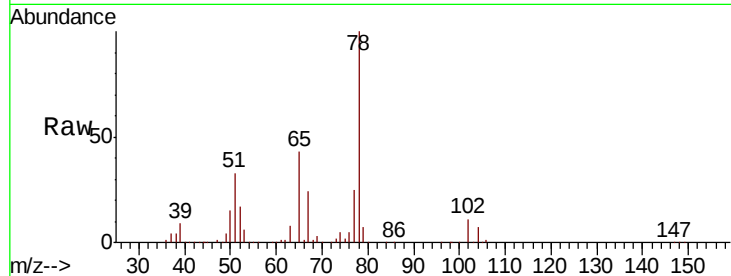
ClientSampled :

Tot Ion: 65 Resp: 285022

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: VW013482.D

Acq: 08 Oct 2019 12:11

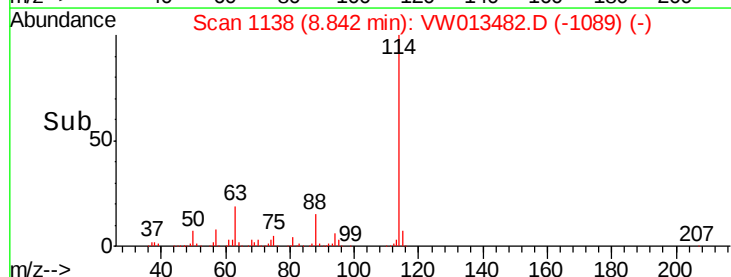
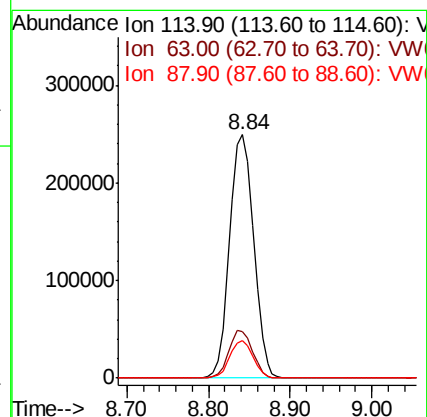
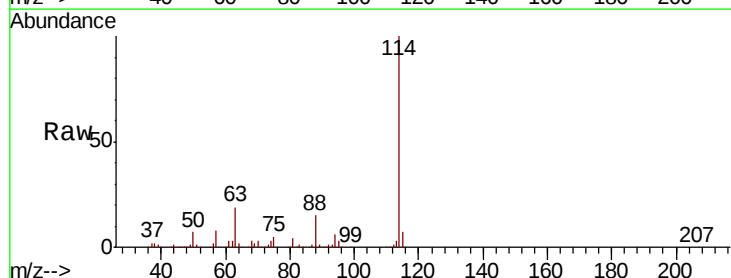
Tgt Ion: 114 Resp: 507614

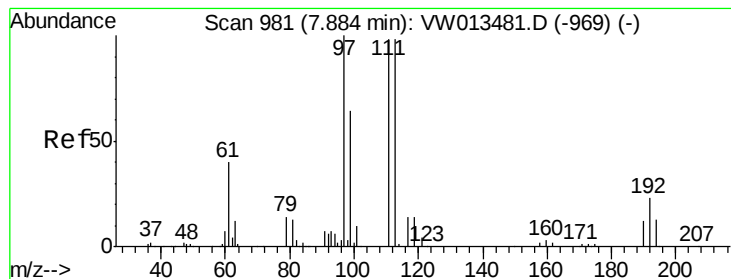
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.4

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 105.338 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

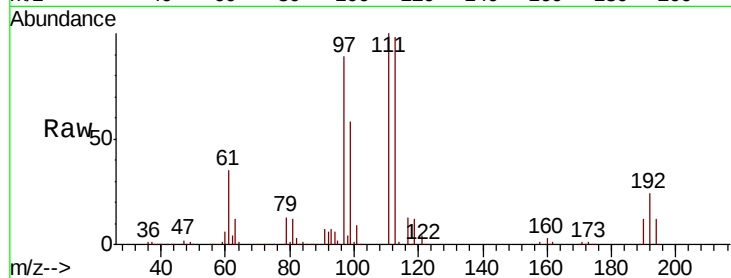
Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:113 Resp: 298647

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.3	123.5
192	24.2	19.3	28.9

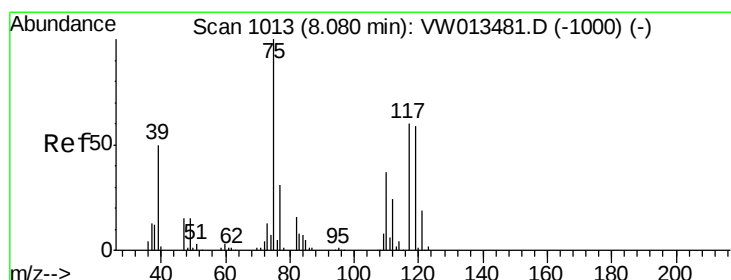
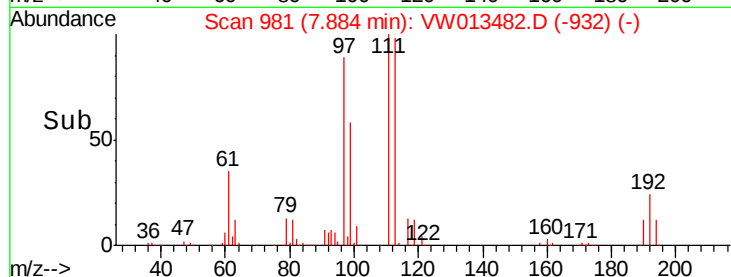
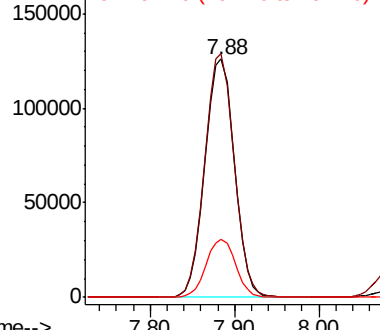


Abundance

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: 96.819 ug/l

RT: 8.08 min Scan# 1013

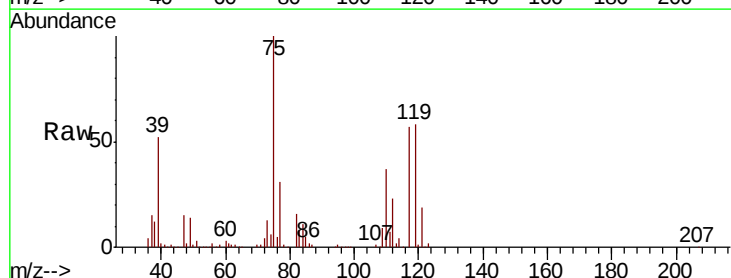
Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Tgt Ion: 75 Resp: 444592

Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.4	55.2
77	31.3	25.0	37.4

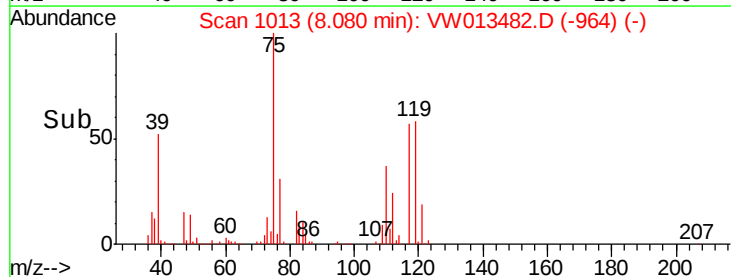
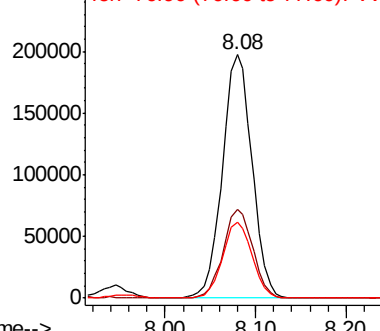


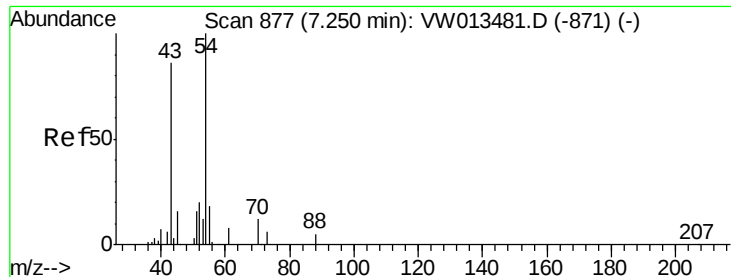
Abundance

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

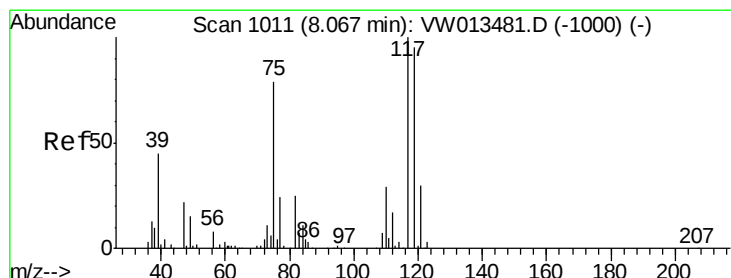
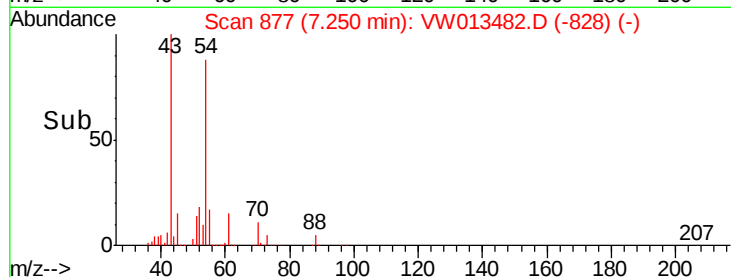
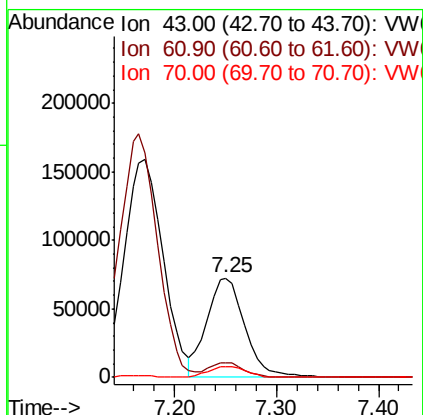
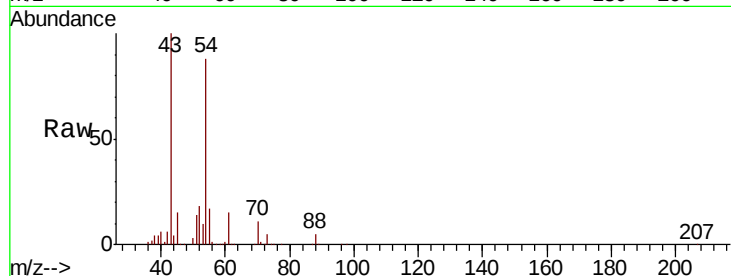




#37
Ethyl Acetate
Concen: 90.138 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

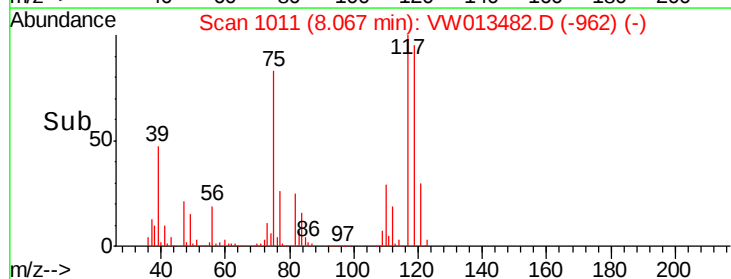
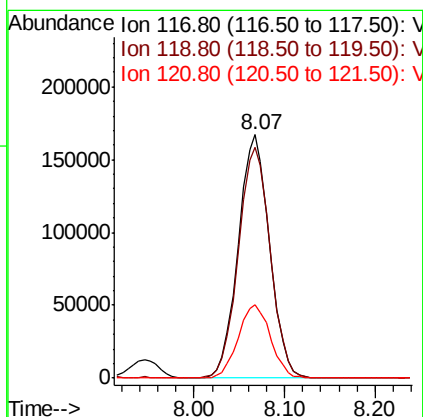
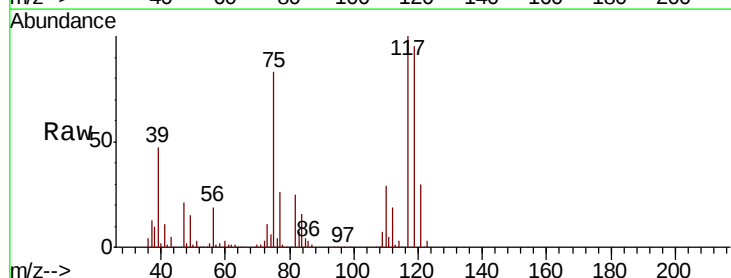
Instrument :
MSVOA_W
ClientSampleId :

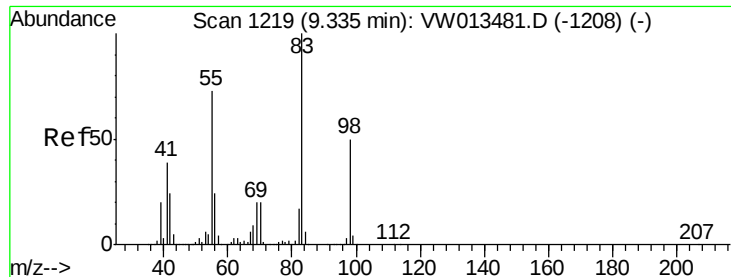
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.9	16.3
70	11.2	9.2	13.8



#38
Carbon Tetrachloride
Concen: 97.849 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.3	114.5
121	30.2	23.6	35.4

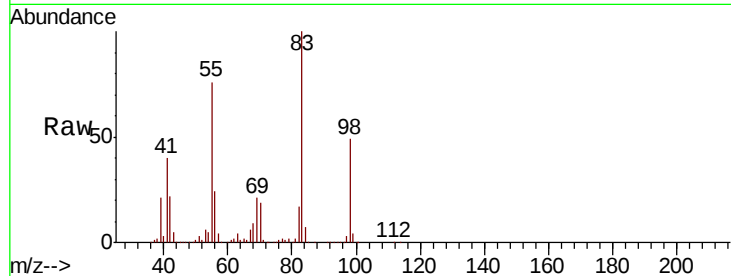




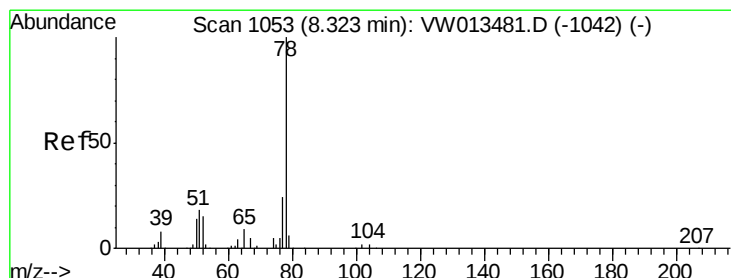
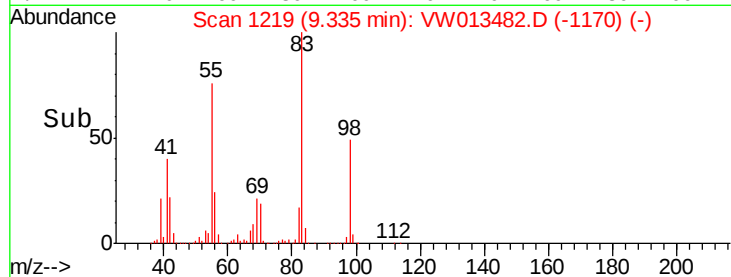
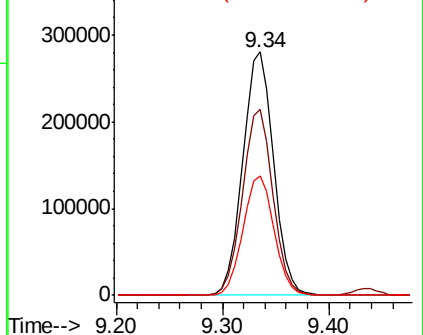
#39
Methvlcvclohexane
Concen: 96.073 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 571569
Ion Ratio Lower Upper
83 100
55 76.3 58.2 87.4
98 49.1 39.8 59.6

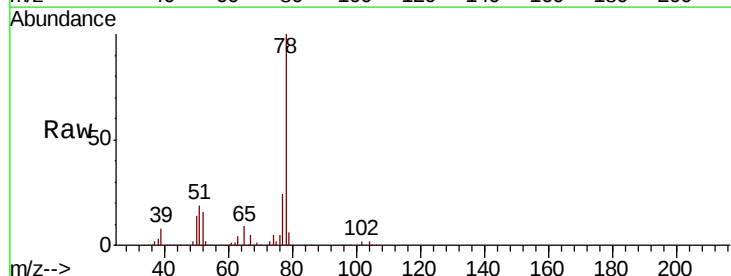


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

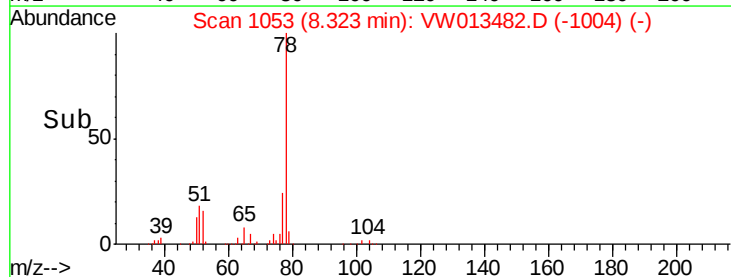
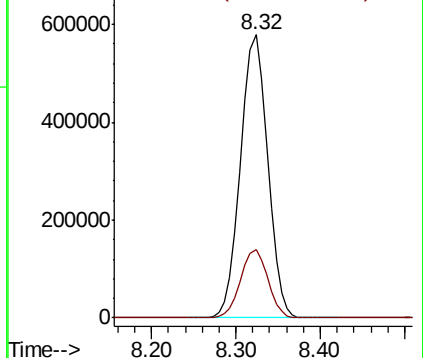


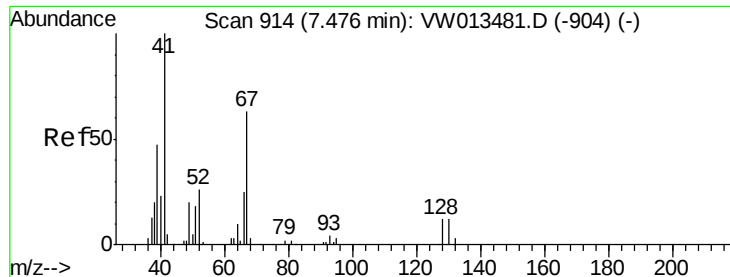
#40
Benzene
Concen: 98.427 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion: 78 Resp: 1261681
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8



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

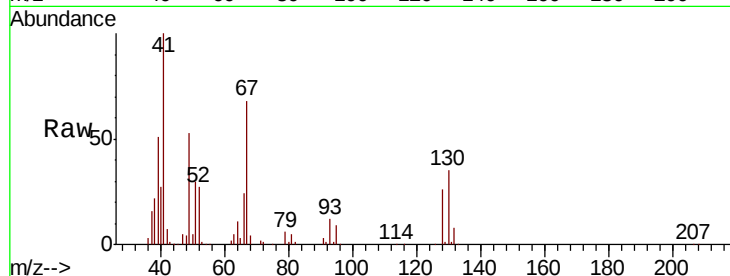




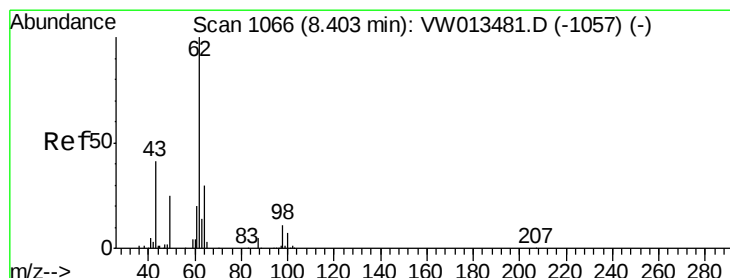
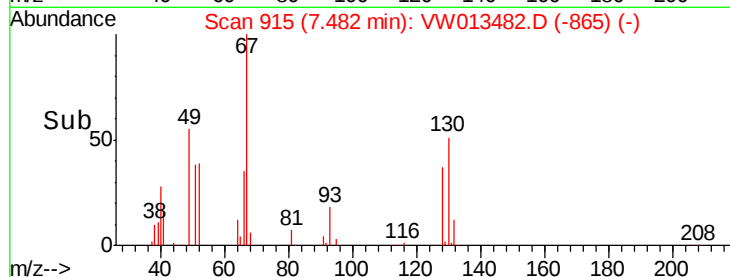
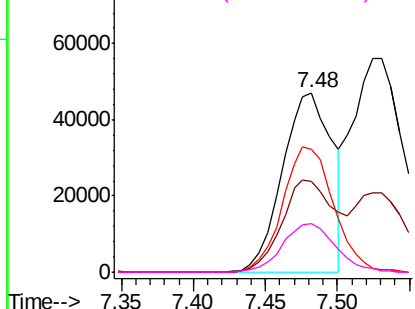
#41
Methacrylonitrile
Concen: 96.000 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	113737
Ion	Ratio	Lower	Upper
41	100		
39	56.1	39.4	59.0
67	71.4	57.0	85.6
52	29.0	22.4	33.6

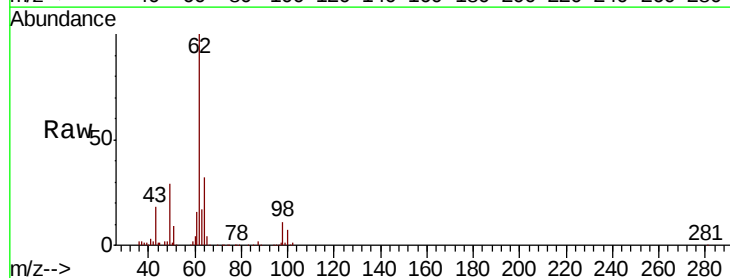


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

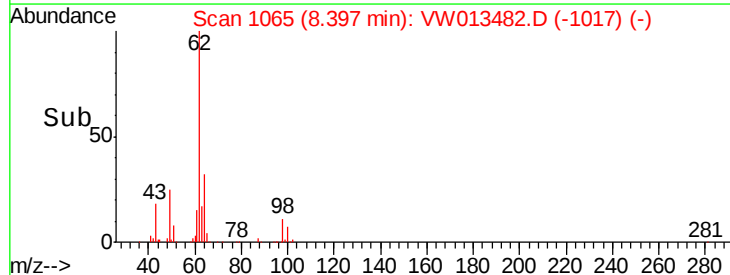
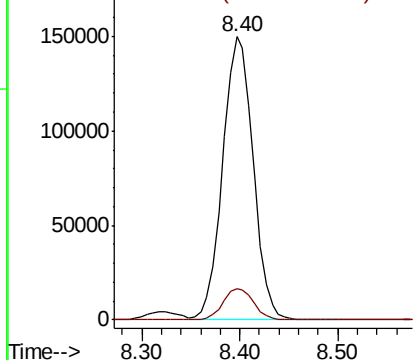


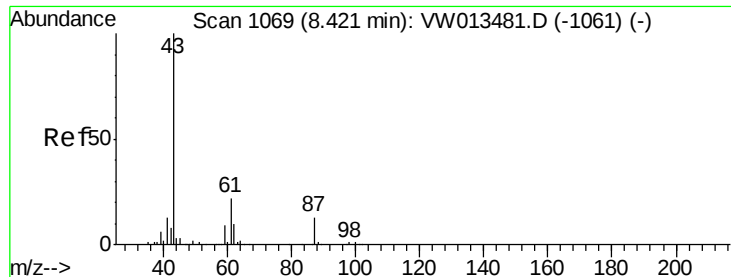
#42
1,2-Dichloroethane
Concen: 99.500 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion:	62	Resp:	322380
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 97.477 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

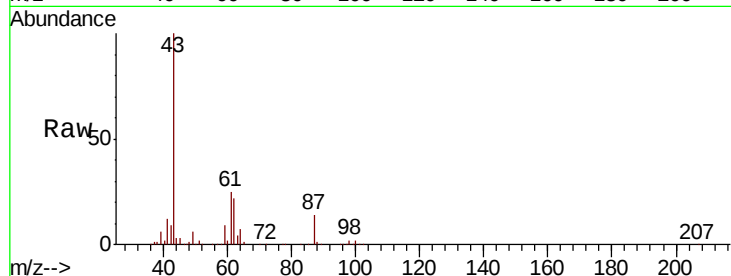
Tot Ion: 43 Resp: 366912

Ion Ratio Lower Upper

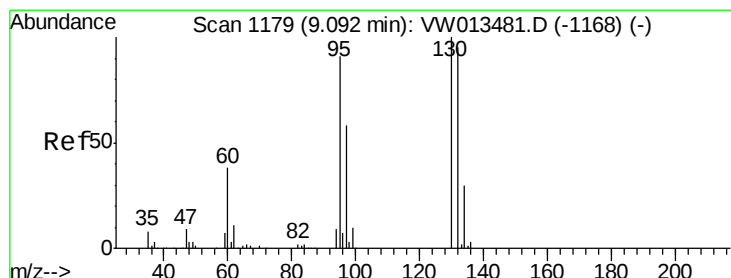
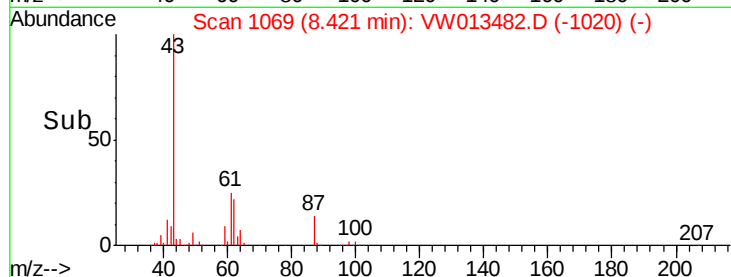
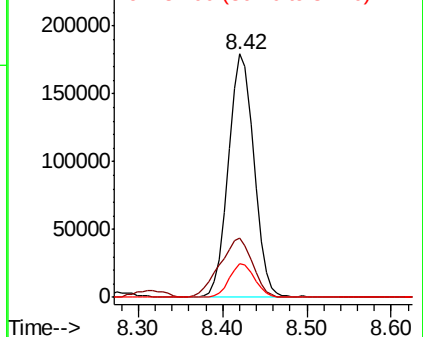
43 100

61 31.5 25.4 38.2

87 13.8 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: 99.152 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013482.D

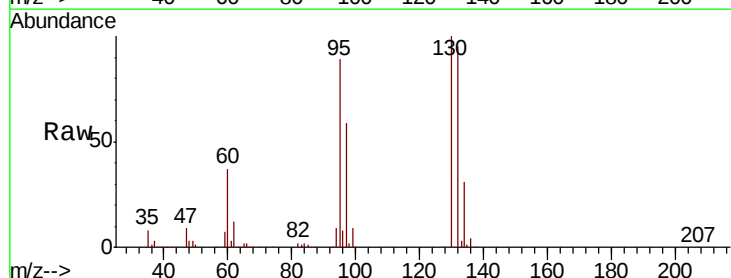
Acq: 08 Oct 2019 12:11

Tgt Ion: 130 Resp: 362581

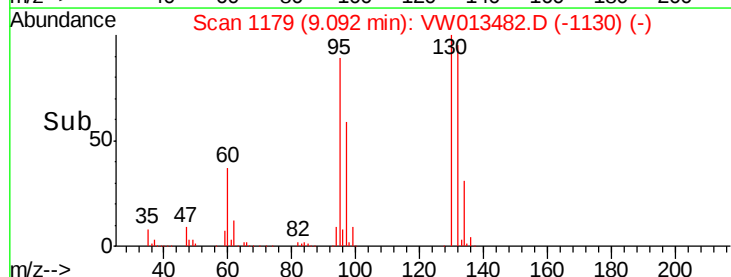
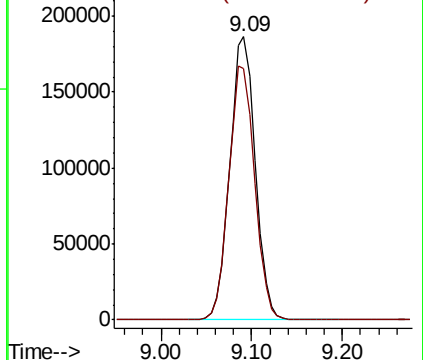
Ion Ratio Lower Upper

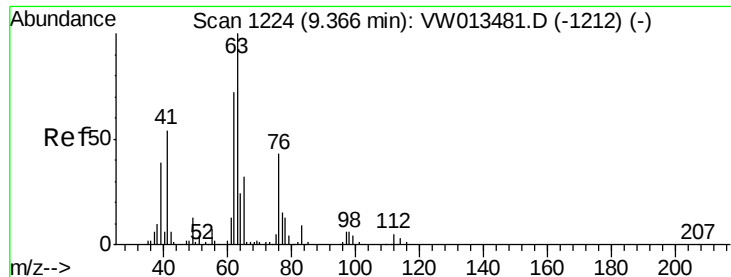
130 100

95 88.8 0.0 182.2



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

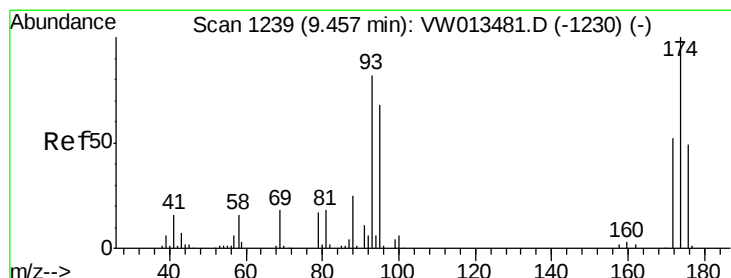
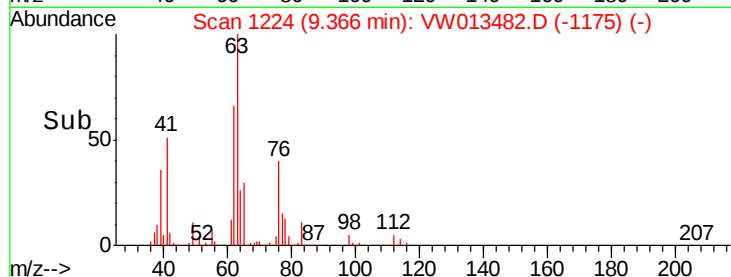
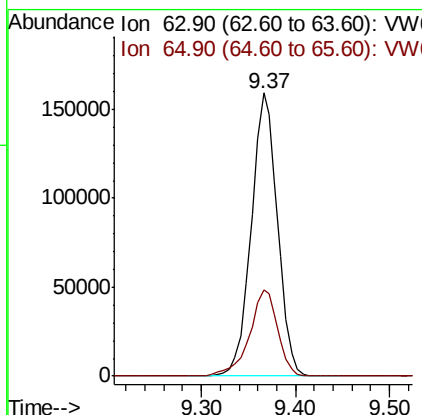
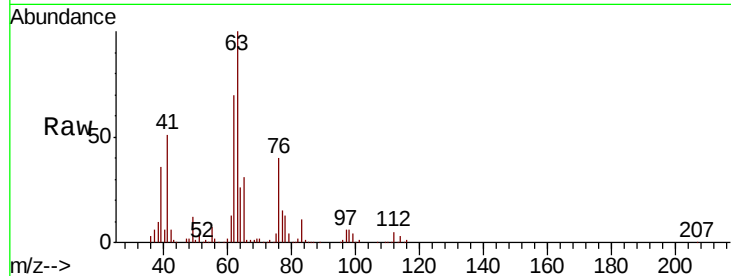




#45
 1,2-Dichloropropane
 Concen: 101.096 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

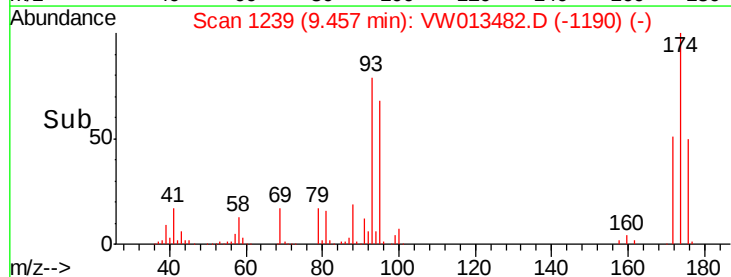
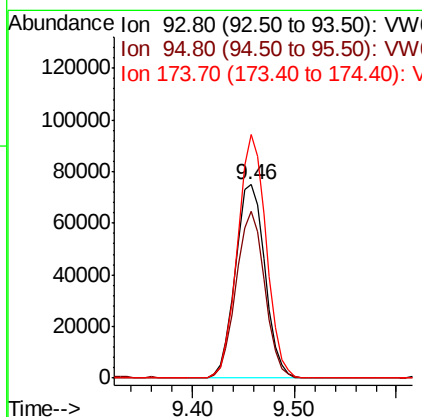
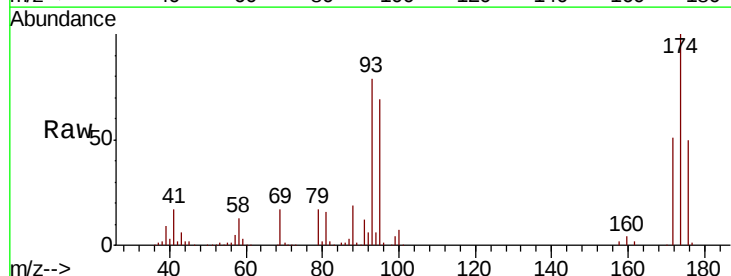
Instrument :
 MSVOA_W
 ClientSampleId :

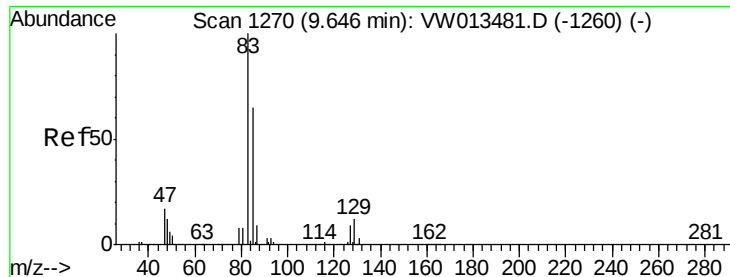
Tot Ion: 63 Resp: 311036
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.8 38.6



#46
 Dibromomethane
 Concen: 98.347 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

Tgt Ion: 93 Resp: 150739
 Ion Ratio Lower Upper
 93 100
 95 83.0 68.0 102.0
 174 121.6 97.0 145.6





#47

Bromodichloromethane

Concen: 103.085 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

ClientSampled :

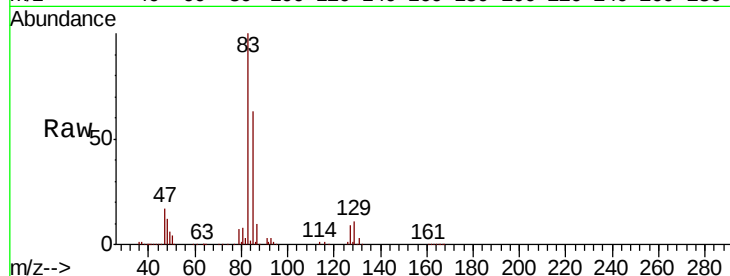
Tot Ion: 83 Resp: 392762

Ion Ratio Lower Upper

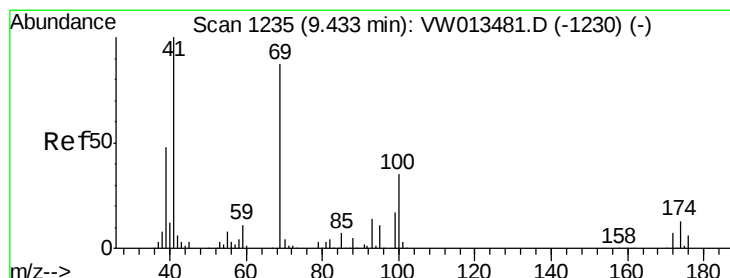
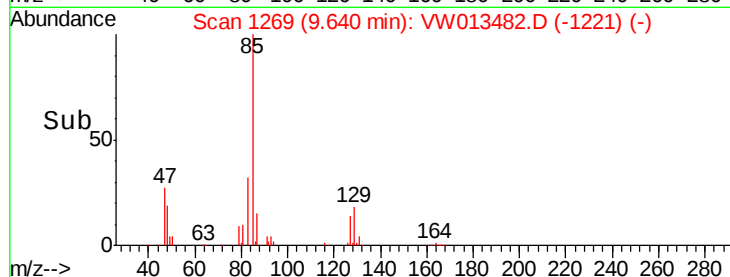
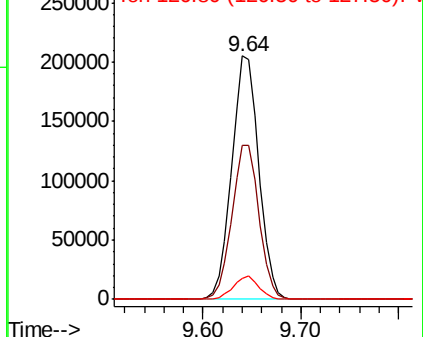
83 100

85 63.5 51.9 77.9

127 8.6 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: 99.696 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

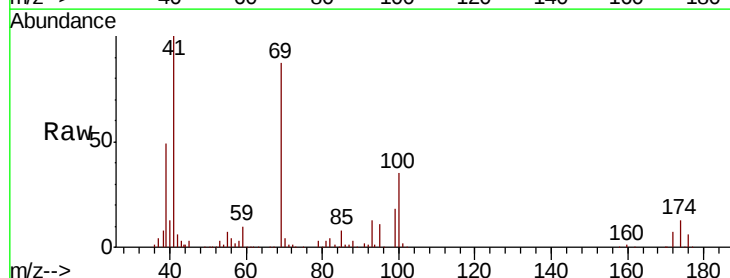
Tgt Ion: 41 Resp: 184848

Ion Ratio Lower Upper

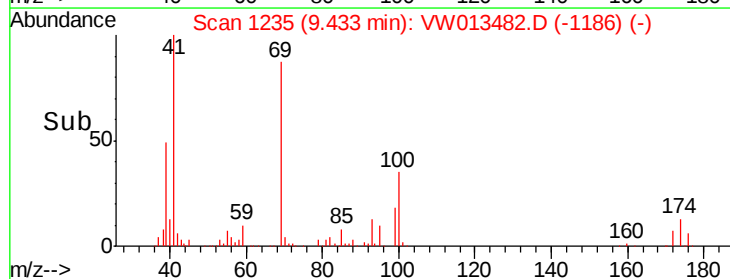
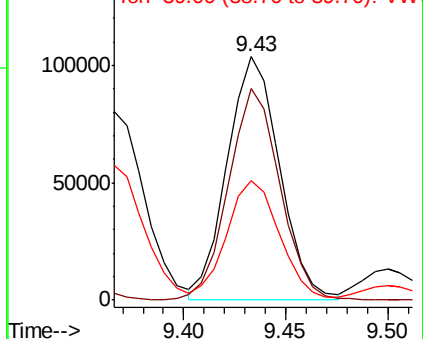
41 100

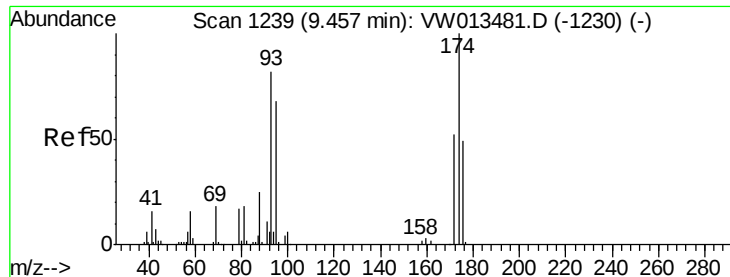
69 85.7 70.4 105.6

39 47.2 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: 1764.095 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

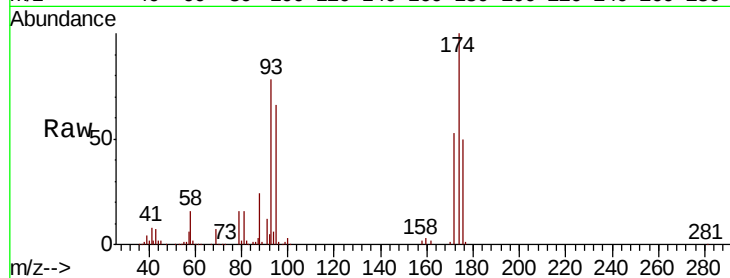
Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 47477

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.5	60.0	90.0

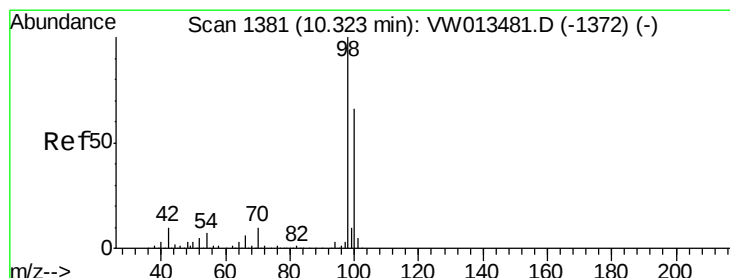
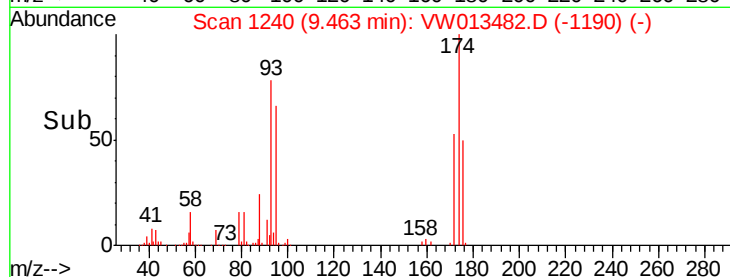
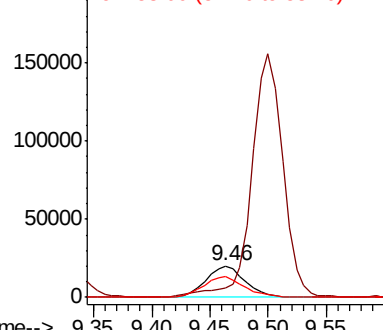


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 104.740 ug/l

RT: 10.32 min Scan# 1381

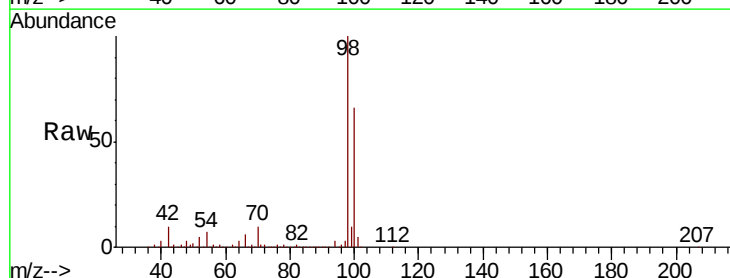
Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Tgt Ion: 98 Resp: 1247913

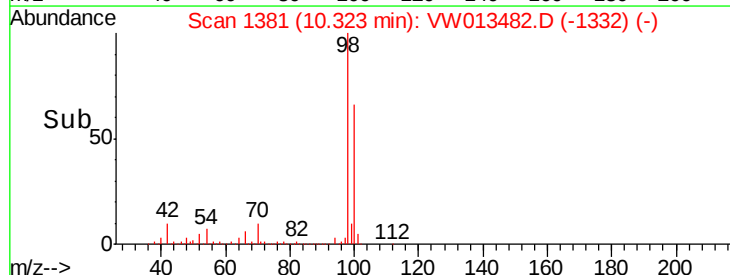
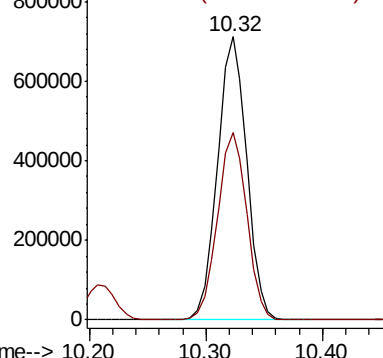
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.2	79.8

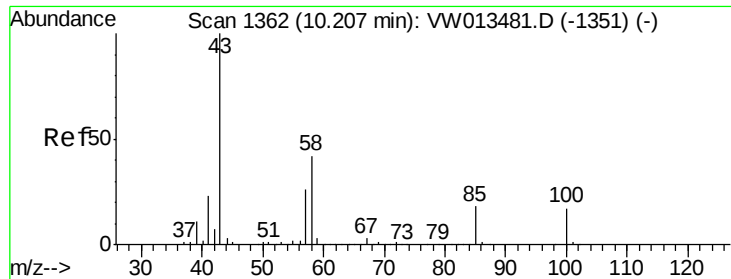


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 459.727 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

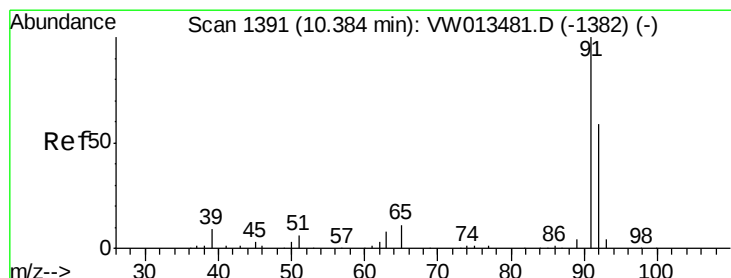
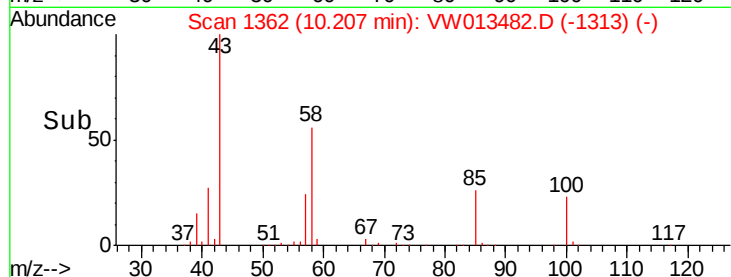
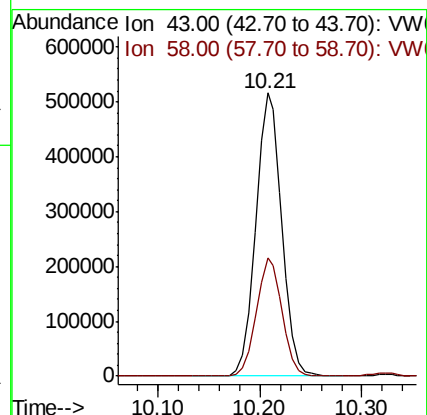
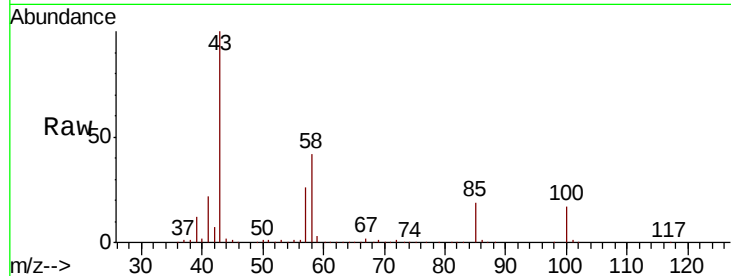
ClientSampled :

Tot Ion: 43 Resp: 909768

Ion Ratio Lower Upper

43 100

58 41.4 32.8 49.2



#52

Toluene

Concen: 100.154 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013482.D

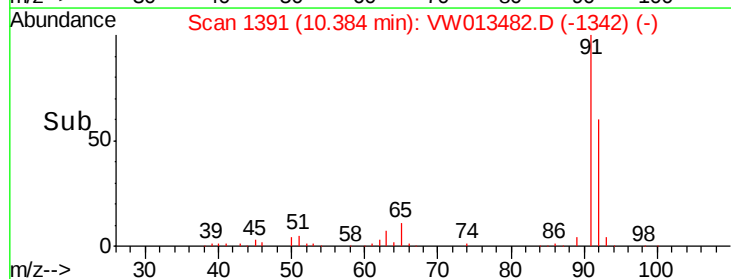
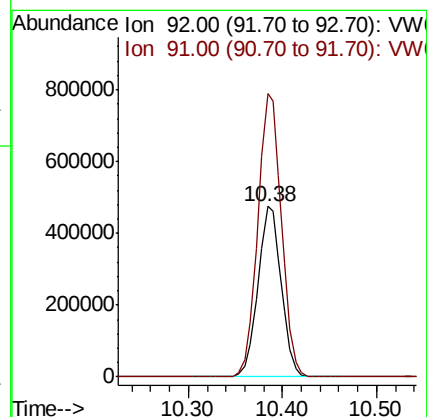
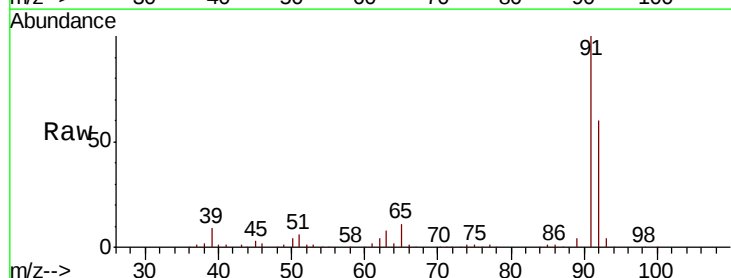
Acq: 08 Oct 2019 12:11

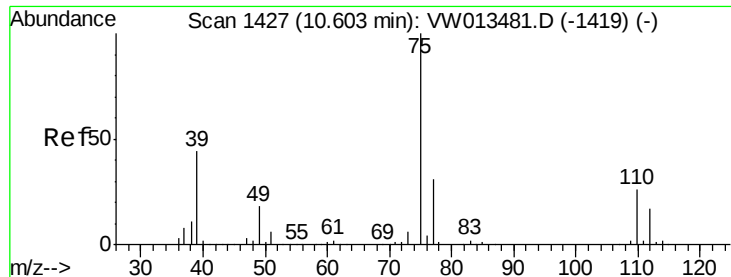
Tgt Ion: 92 Resp: 826970

Ion Ratio Lower Upper

92 100

91 168.8 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 104.666 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

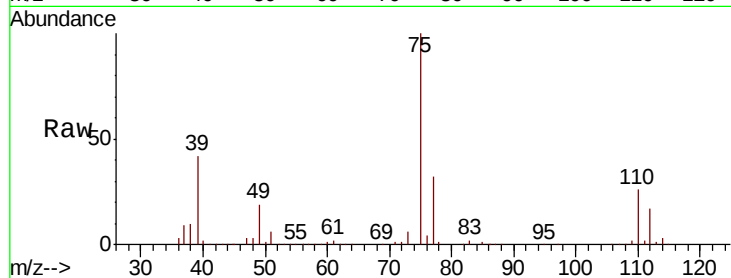
ClientSampled :

Tot Ion: 75 Resp: 414379

Ion Ratio Lower Upper

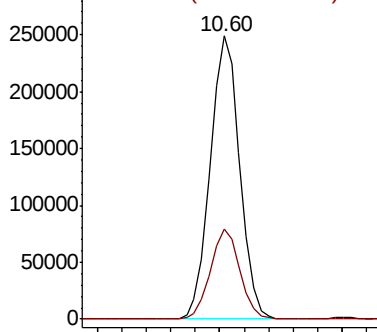
75 100

77 31.9 25.2 37.8

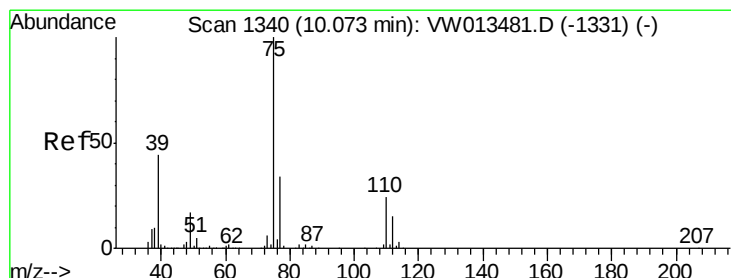
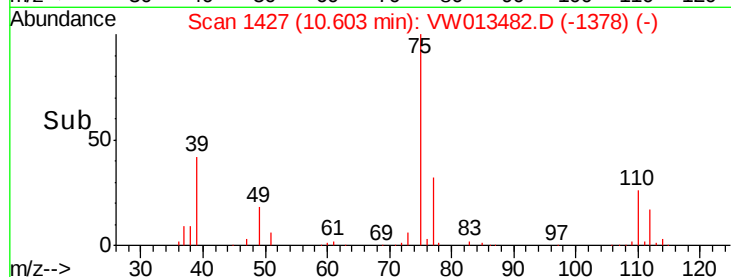


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 104.299 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

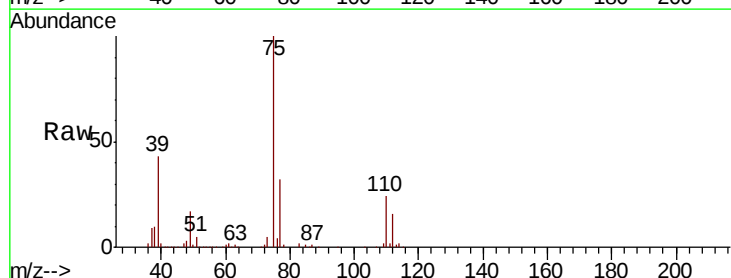
Tgt Ion: 75 Resp: 500264

Ion Ratio Lower Upper

75 100

77 31.9 27.0 40.4

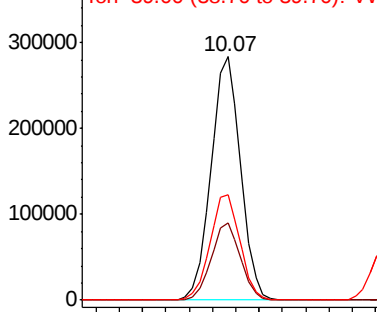
39 43.4 35.0 52.4



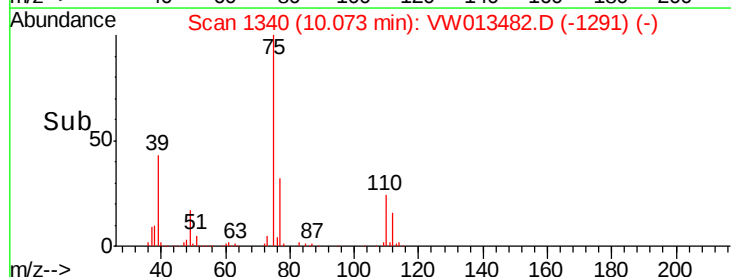
Abundance Ion 74.90 (74.60 to 75.60): VW

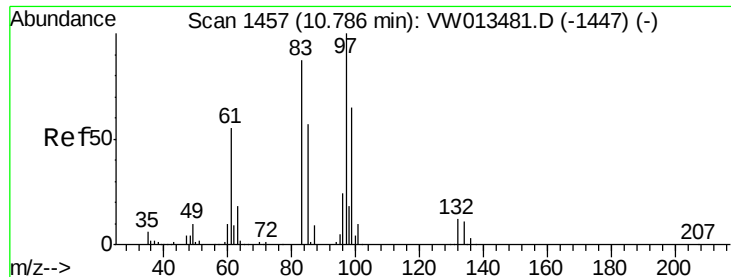
Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW



Time--> 10.00 10.10

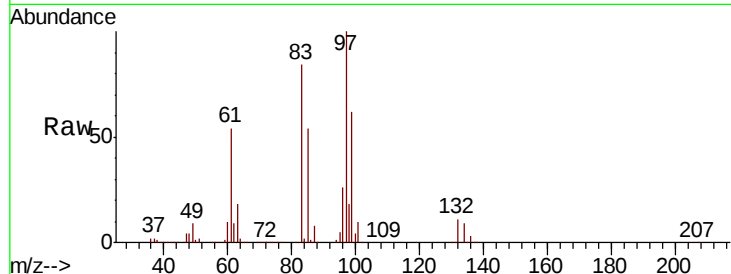




#55
 1,1,2-Trichloroethane
 Concen: 100.024 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	97	Resp	230118
Ion Ratio	Lower	Upper	
97	100		
83	83.5	69.8	104.8
85	53.7	45.4	68.0
99	61.9	51.9	77.9



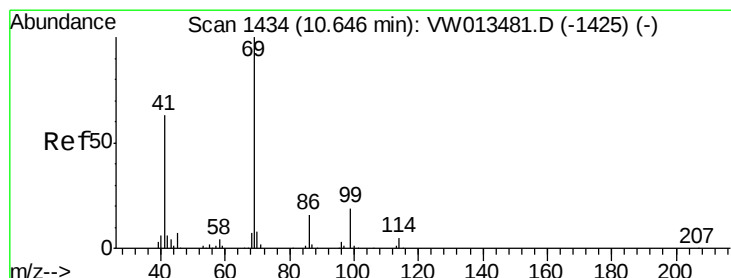
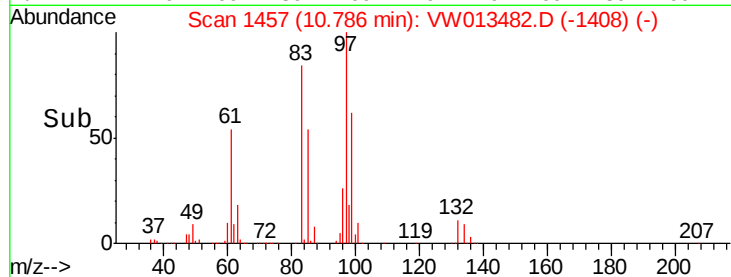
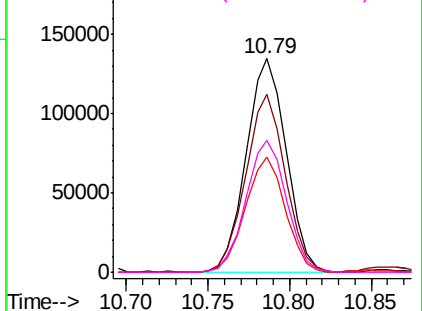
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

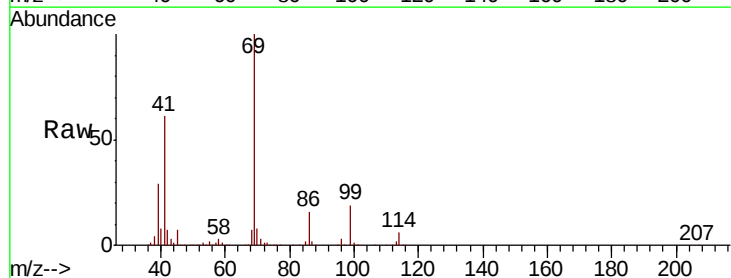
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 101.976 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

Tgt Ion	69	Resp	315981
Ion Ratio	Lower	Upper	
69	100		
41	64.5	51.8	77.6
39	27.2	21.7	32.5

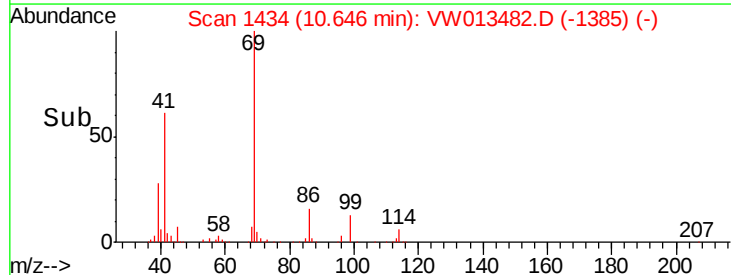
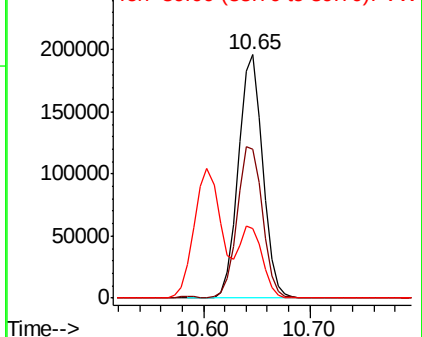


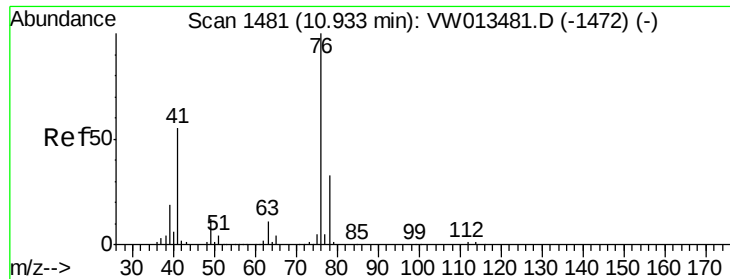
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 99.015 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

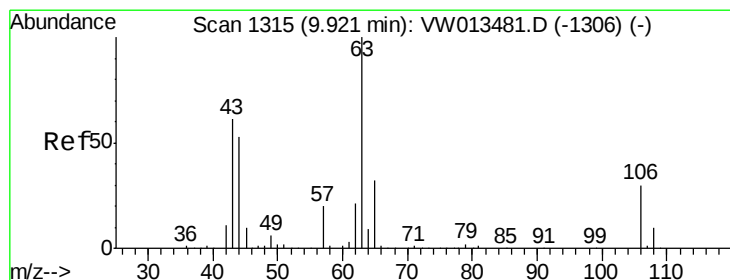
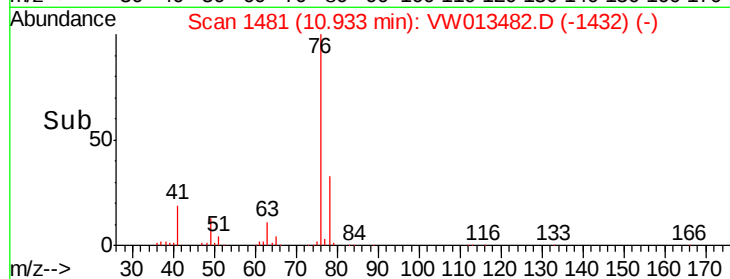
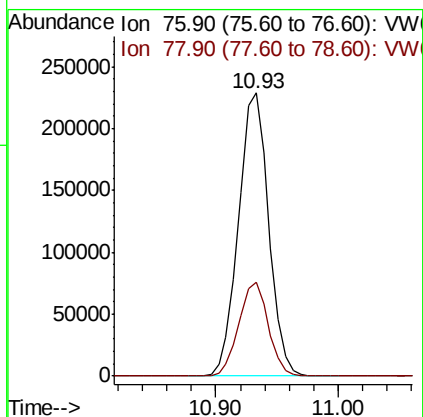
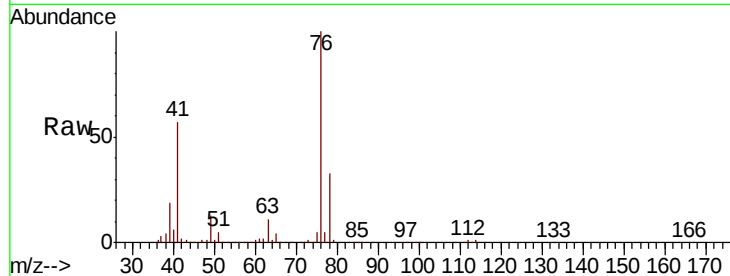
ClientSampled :

Tot Ion: 76 Resp: 391149

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 507.014 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW013482.D

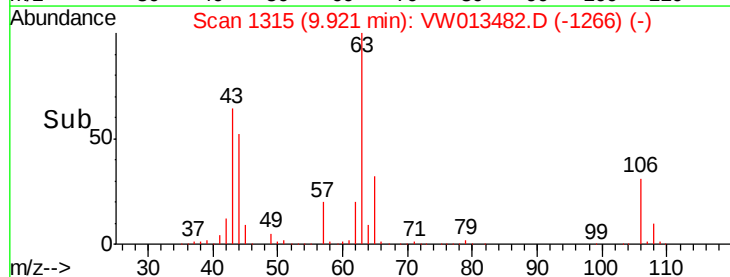
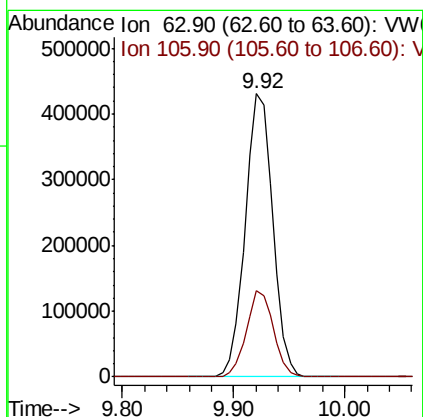
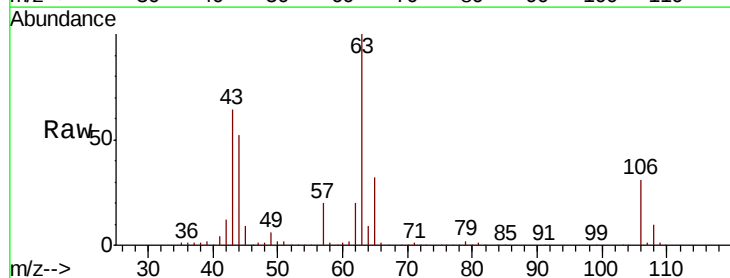
Acq: 08 Oct 2019 12:11

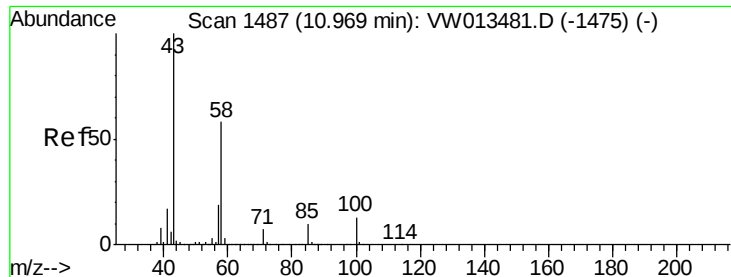
Tgt Ion: 63 Resp: 741175

Ion Ratio Lower Upper

63 100

106 30.0 24.5 36.7

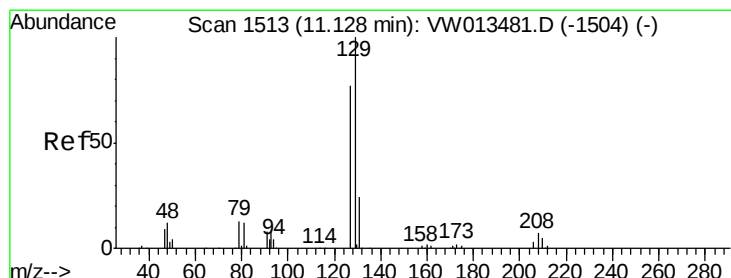
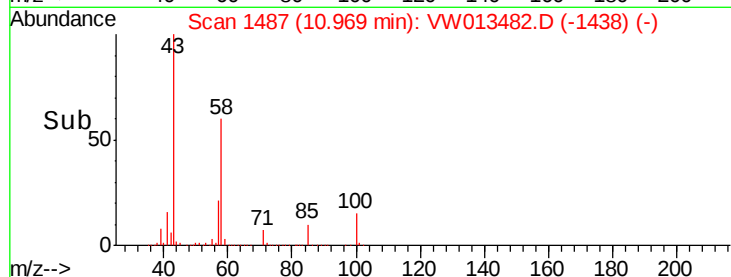
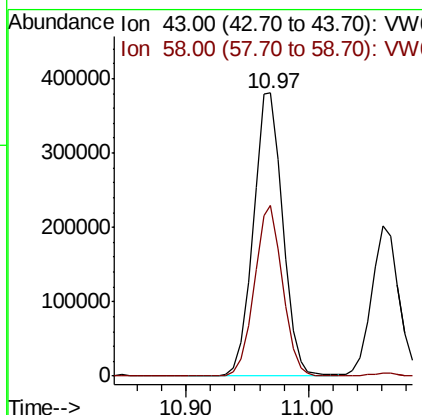
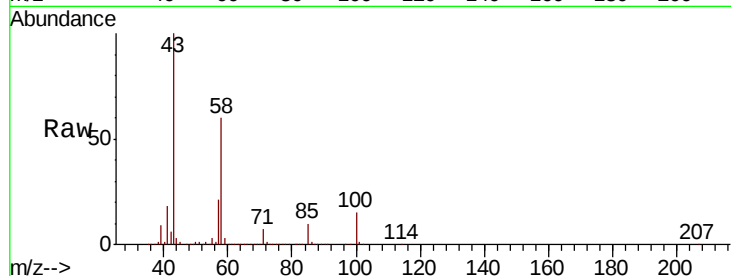




#59
2-Hexanone
Concen: 471.324 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

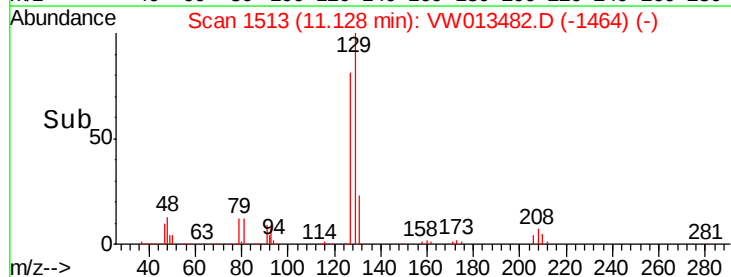
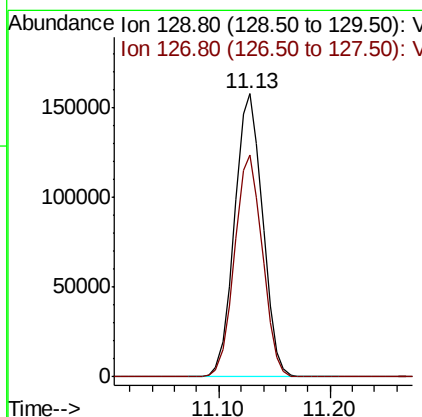
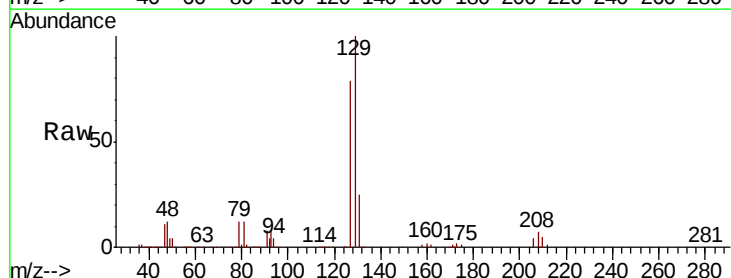
Instrument :
MSVOA_W
ClientSampled :

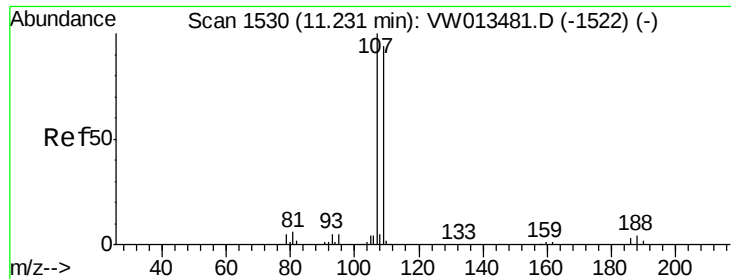
Tot Ion: 43 Resp: 639584
Ion Ratio Lower Upper
43 100
58 57.7 28.4 85.2



#60
Dibromochloromethane
Concen: 103.781 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion: 129 Resp: 274574
Ion Ratio Lower Upper
129 100
127 78.0 37.4 112.1

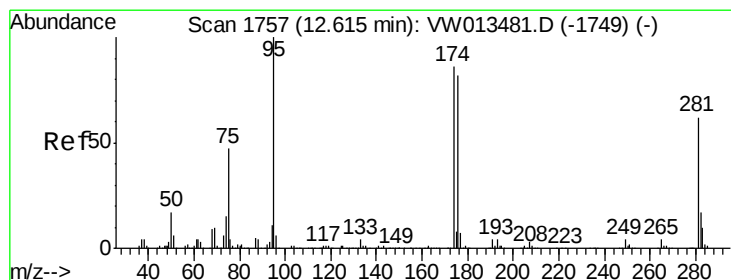
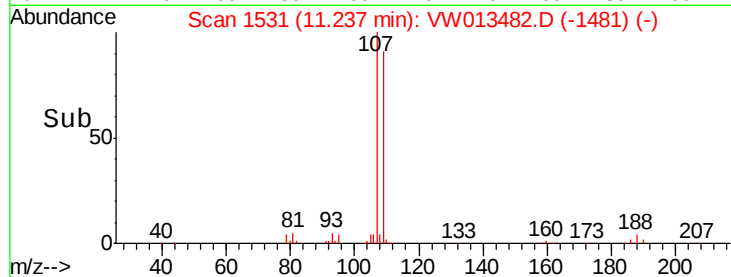
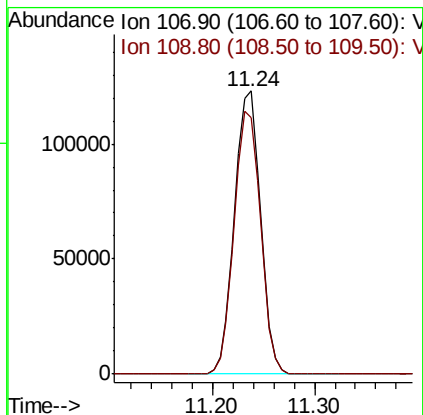
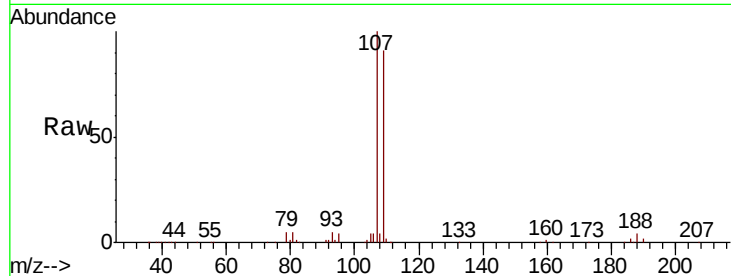




#61
 1,2-Dibromoethane
 Concen: 99.395 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

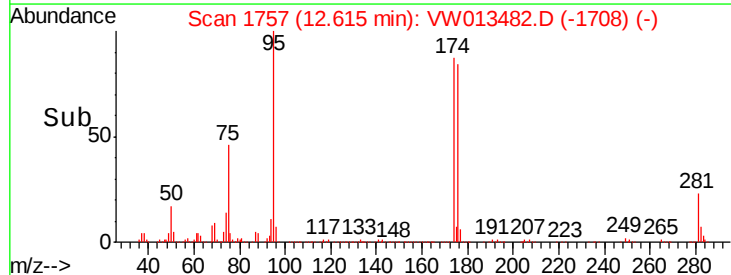
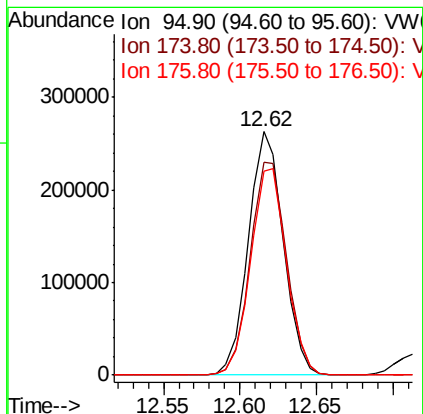
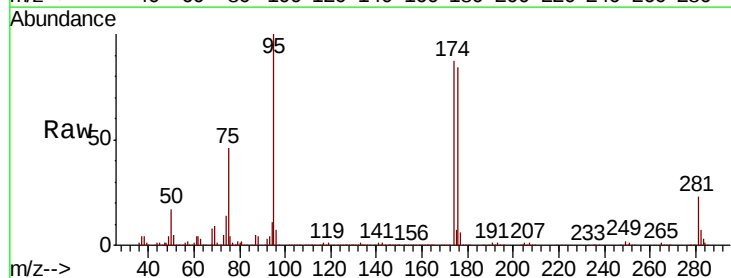
Instrument :
 MSVOA_W
 ClientSampled :

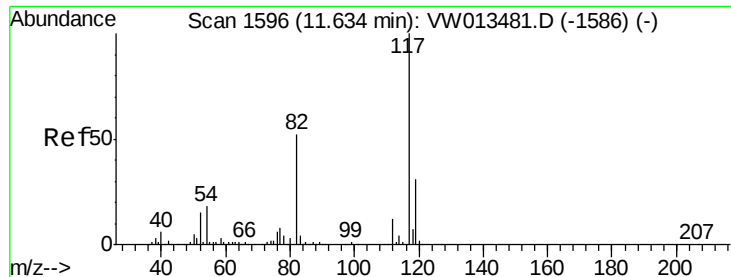
Tot Ion:107 Resp: 217500
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 104.557 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

Tgt Ion: 95 Resp: 418486
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 177.4
 176 87.3 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: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

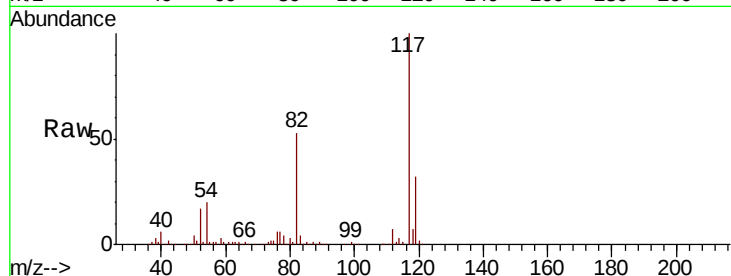
Tot Ion:117 Resp: 436318

Ion Ratio Lower Upper

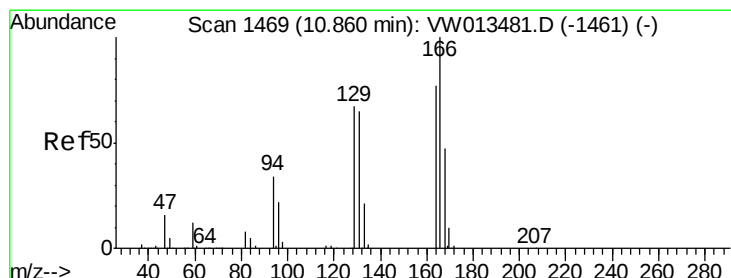
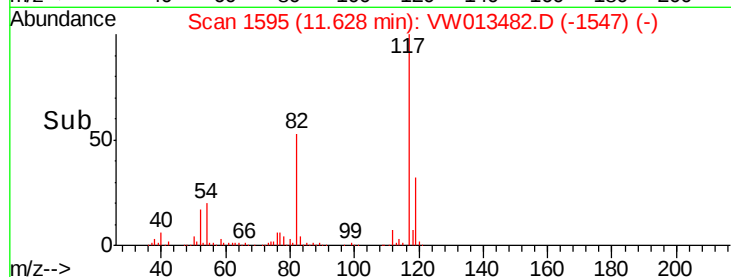
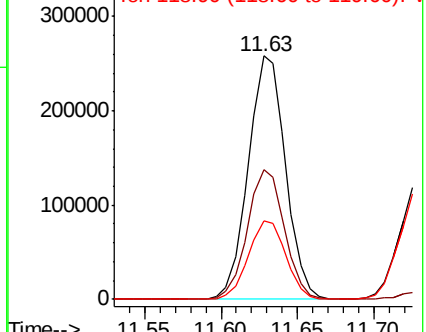
117 100

82 53.3 41.4 62.2

119 32.2 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 97.079 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Tgt Ion:164 Resp: 311746

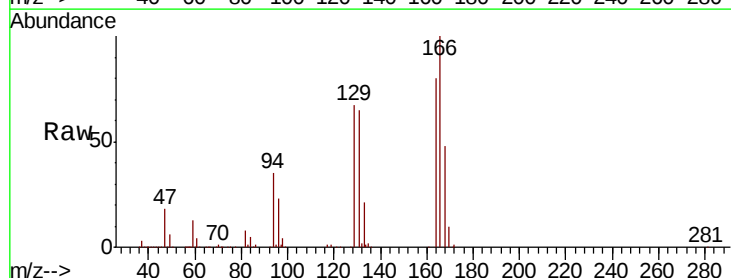
Ion Ratio Lower Upper

164 100

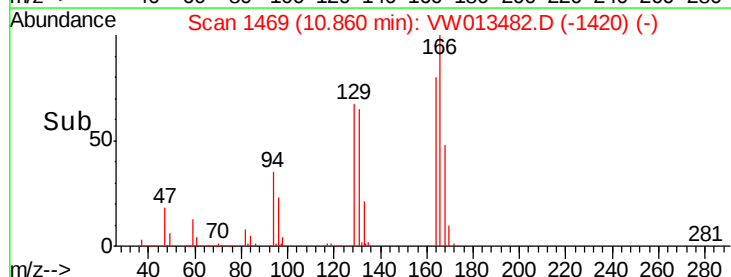
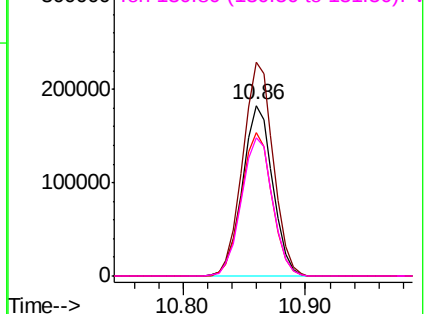
166 125.0 104.6 156.8

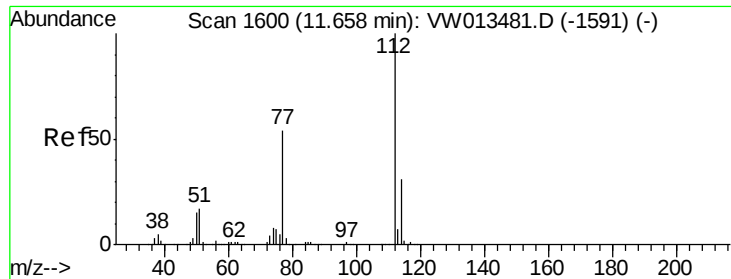
129 83.9 70.2 105.2

131 81.0 67.6 101.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

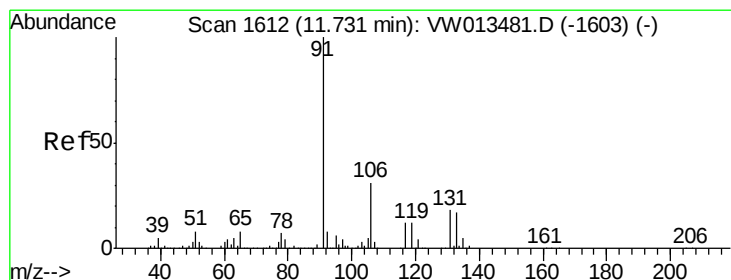
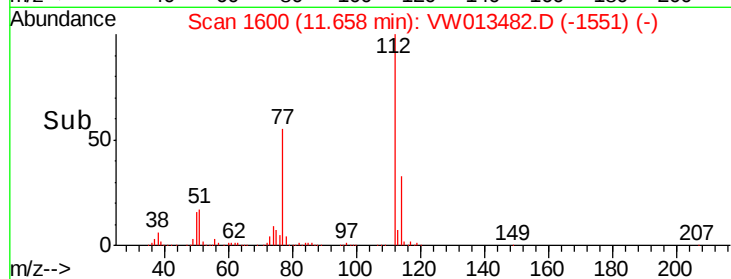
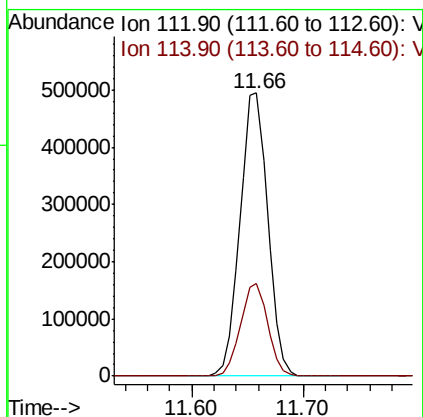
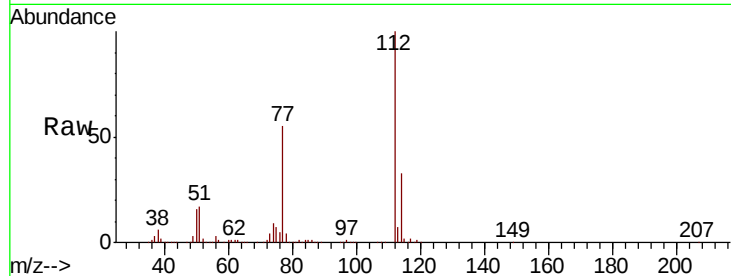




#65
Chlorobenzene
Concen: 98.785 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

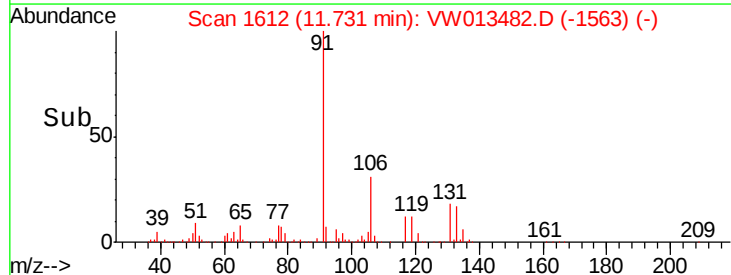
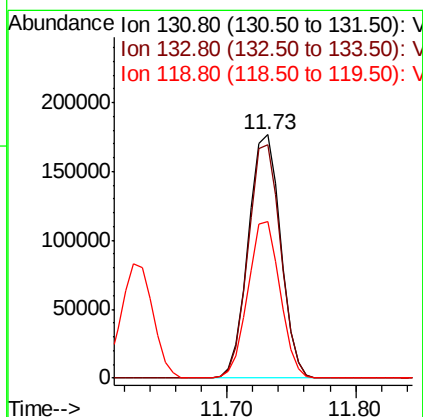
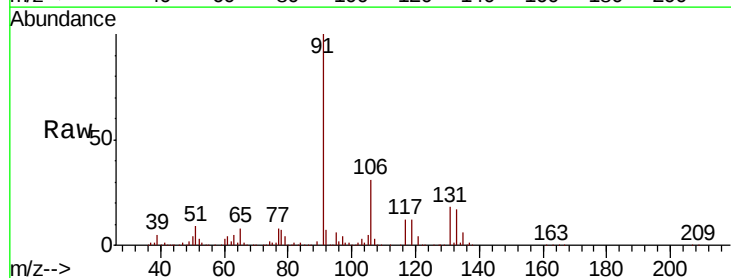
Instrument :
MSVOA_W
ClientSampled :

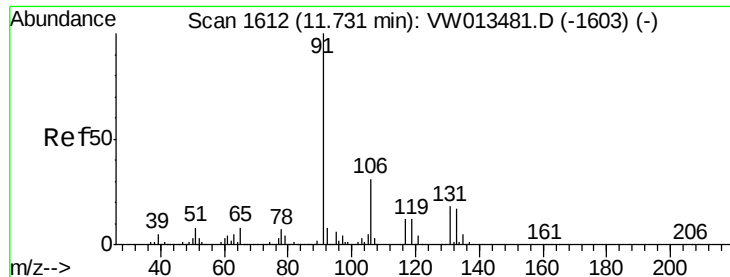
Tot Ion:112 Resp: 856444
Ion Ratio Lower Upper
112 100
114 32.6 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 101.616 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion:131 Resp: 306030
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 64.0 32.6 98.0

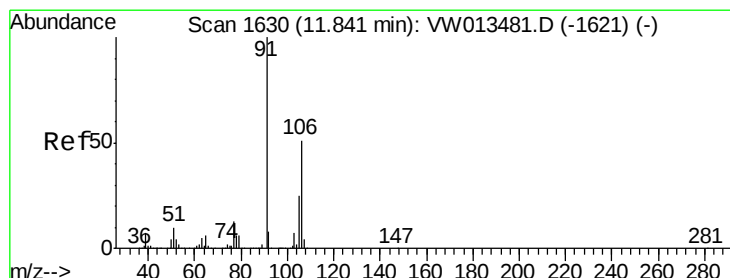
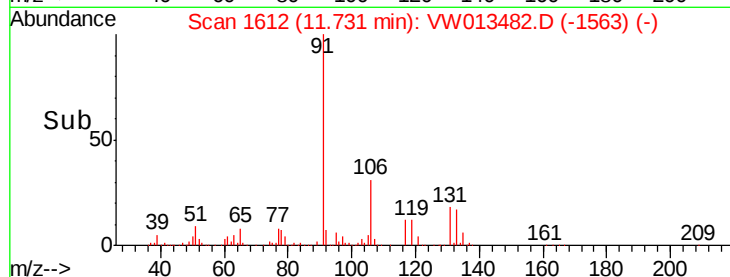
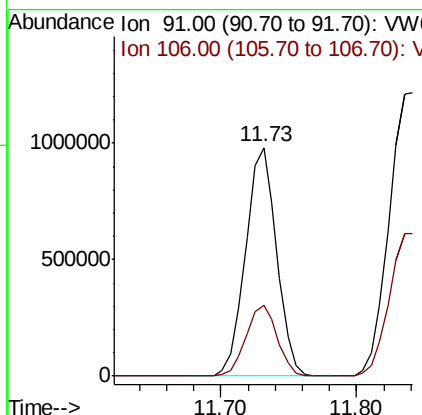
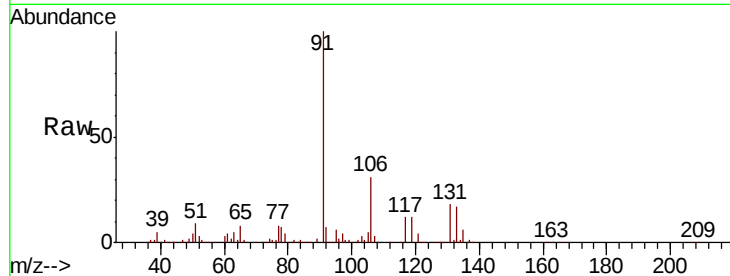




#67
Ethyl Benzene
Concen: 98.932 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

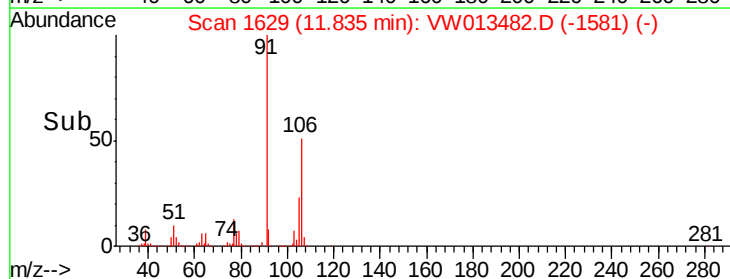
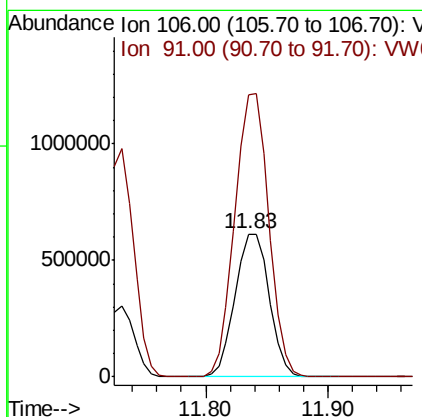
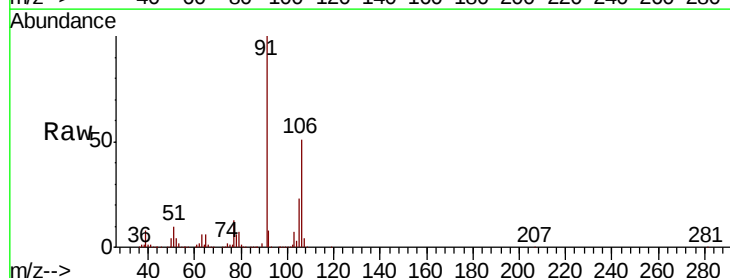
Instrument :
MSVOA_W
ClientSampled :

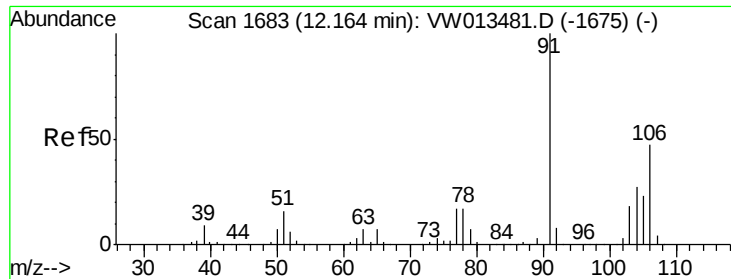
Tot Ion: 91 Resp: 1567706
Ion Ratio Lower Upper
91 100
106 30.9 24.8 37.2



#68
m/p-Xylenes
Concen: 197.678 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion: 106 Resp: 1191848
Ion Ratio Lower Upper
106 100
91 196.8 156.2 234.4

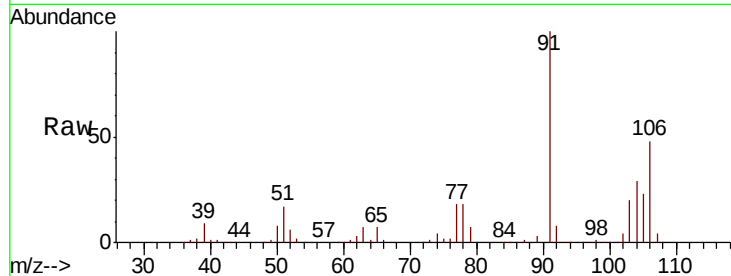




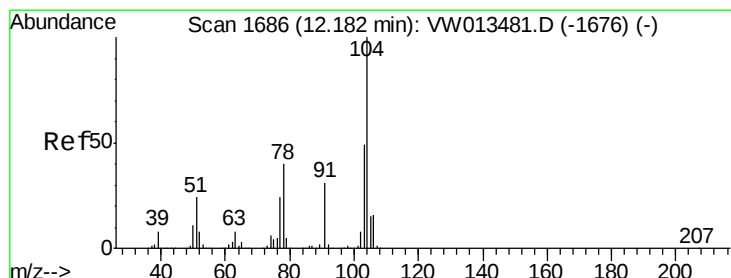
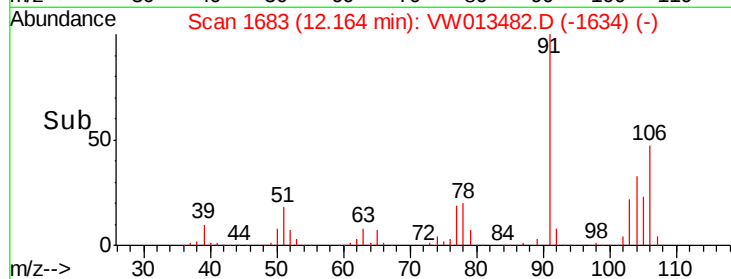
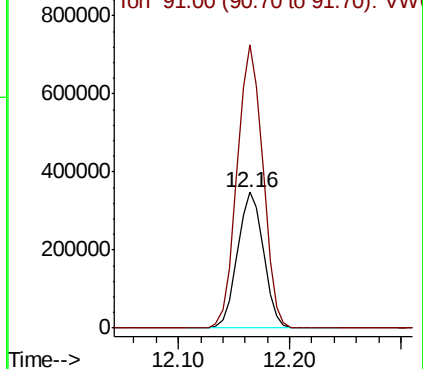
#69
o-Xylene
Concen: 100.950 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 562339
Ion Ratio Lower Upper
106 100
91 206.6 105.0 315.0

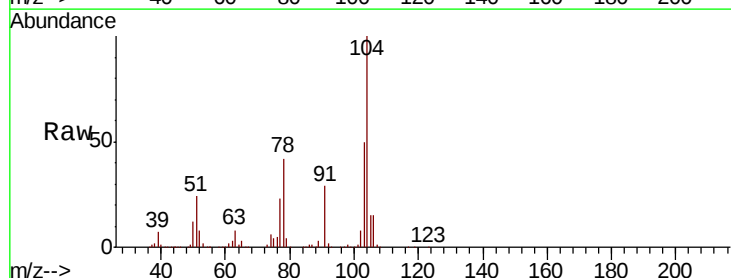


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

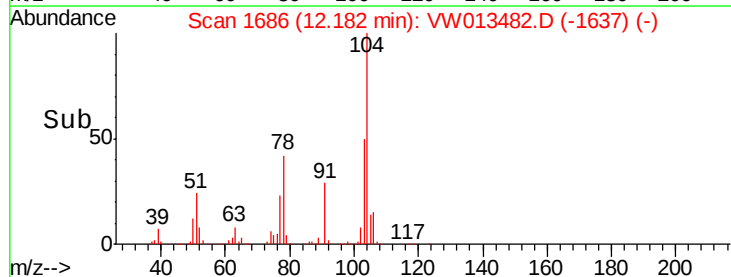
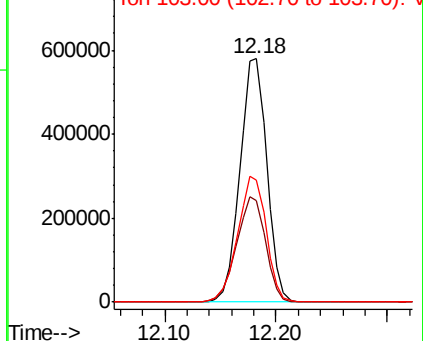


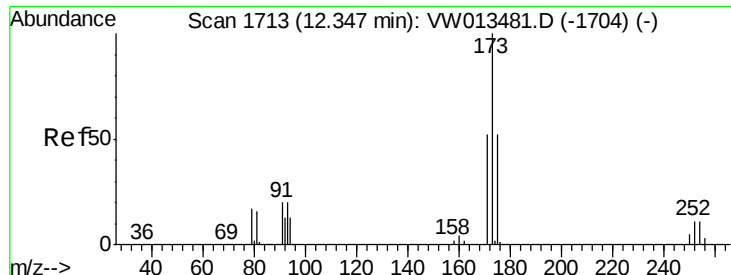
#70
Styrene
Concen: 101.550 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion:104 Resp: 971277
Ion Ratio Lower Upper
104 100
78 46.6 37.1 55.7
103 54.7 43.2 64.8



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





#71

Bromoform

Concen: 102.391 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

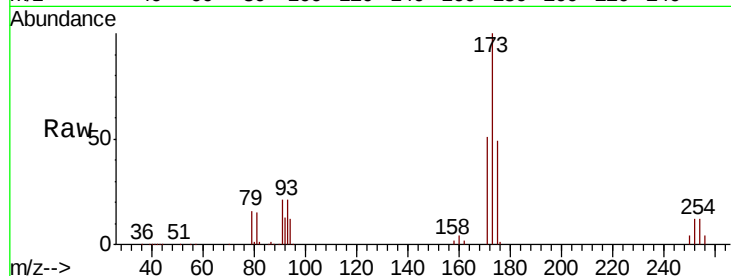
Tot Ion:173 Resp: 169182

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

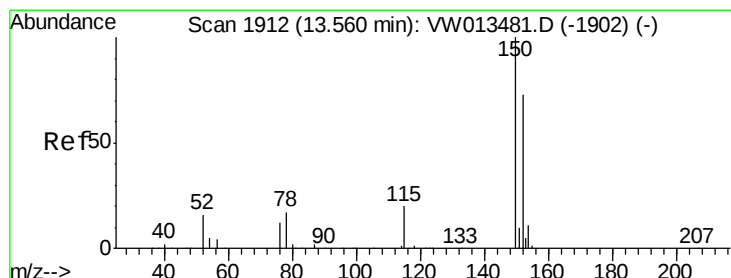
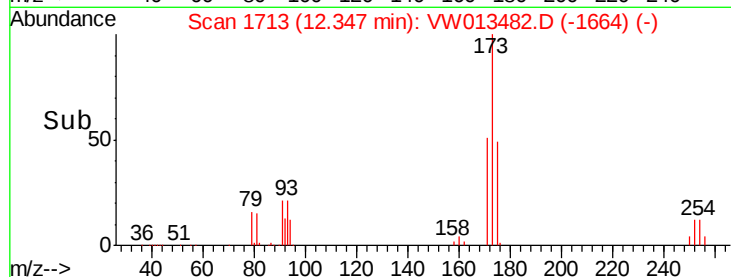
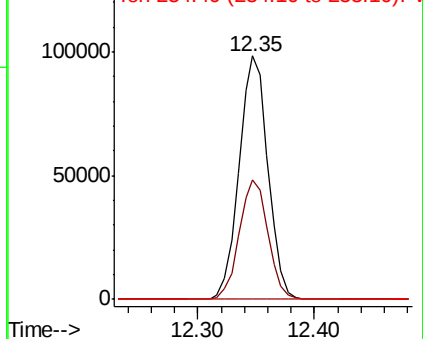
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

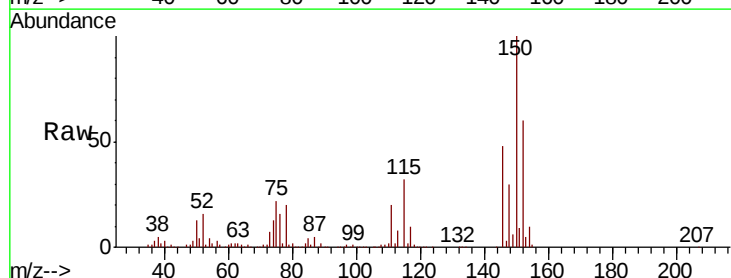
Tgt Ion:152 Resp: 214708

Ion Ratio Lower Upper

152 100

115 54.5 27.0 81.0

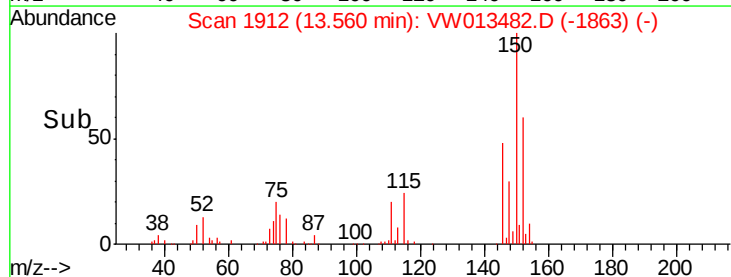
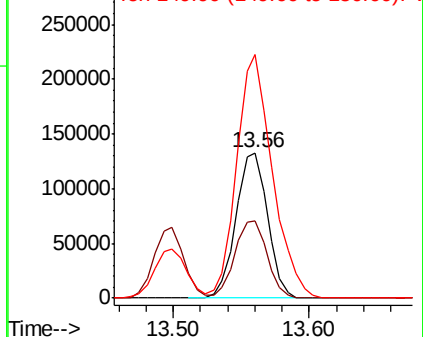
150 189.5 0.0 337.4

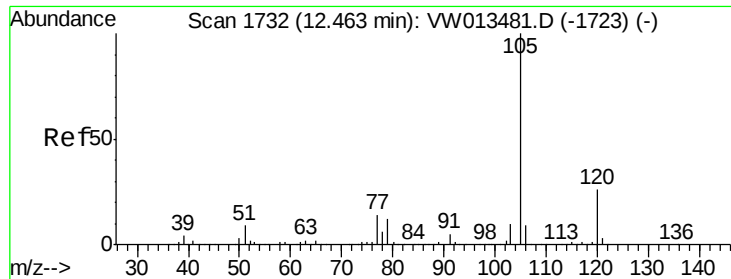


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 100.493 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

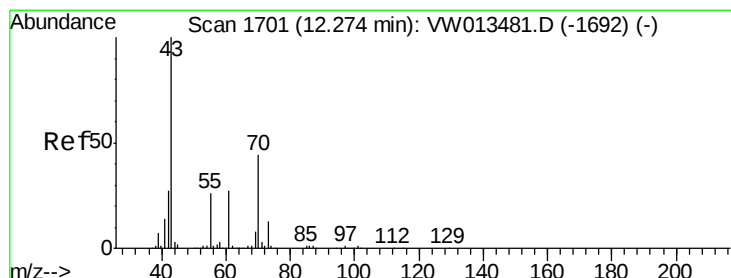
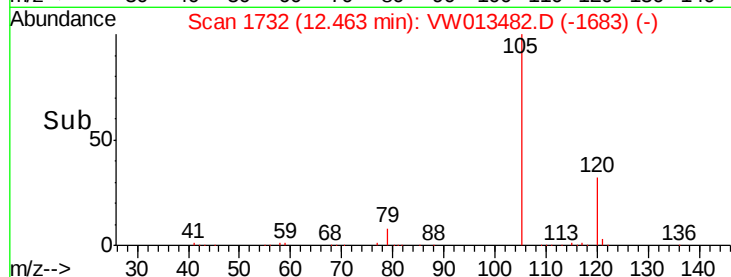
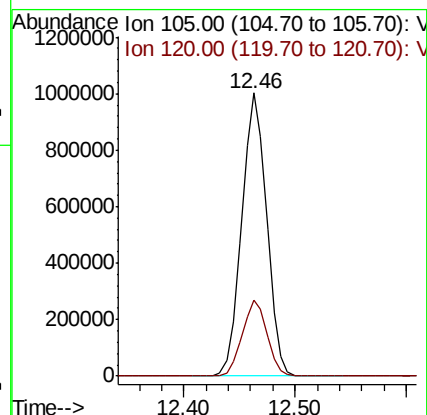
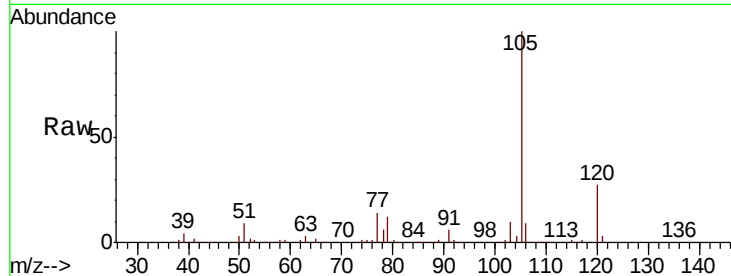
ClientSampleId :

Tot Ion:105 Resp: 1545548

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#74

N-ethyl acetate

Concen: 100.176 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Tgt Ion: 43 Resp: 336953

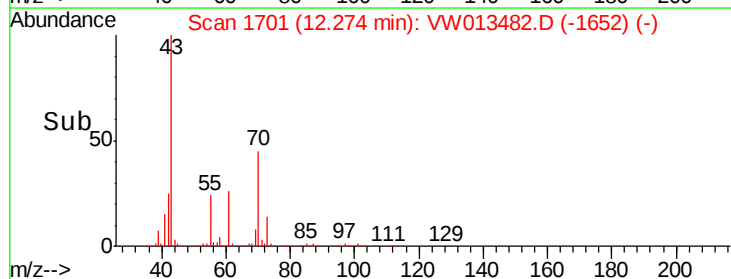
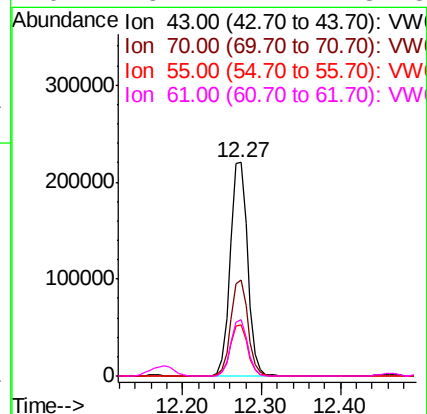
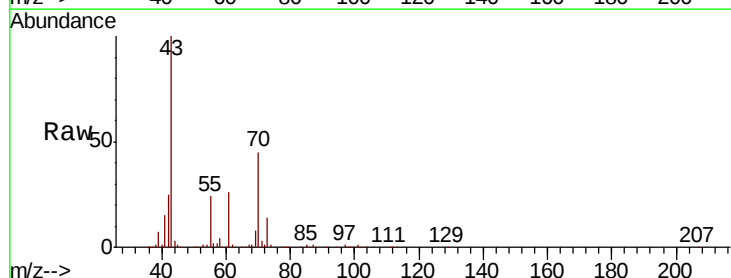
Ion Ratio Lower Upper

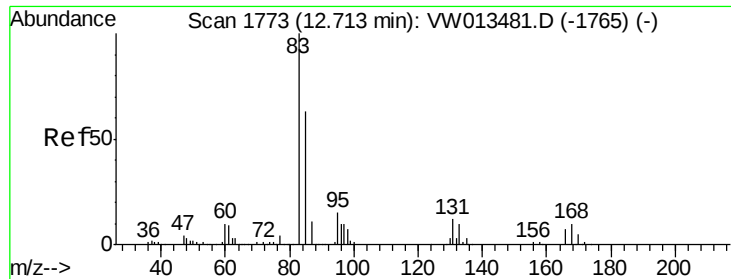
43 100

70 44.6 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: 96.143 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

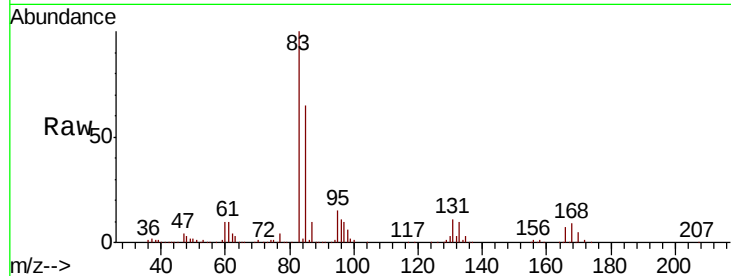
Tot Ion: 83 Resp: 252031

Ion Ratio Lower Upper

83 100

131 11.3 5.9 17.7

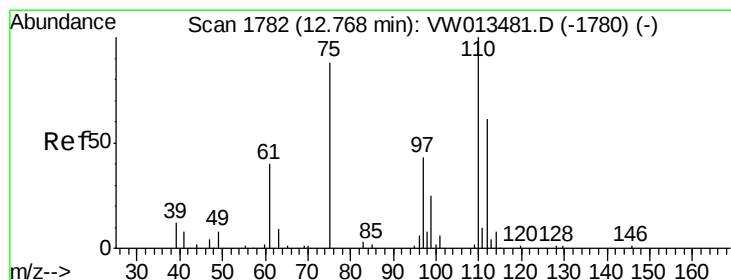
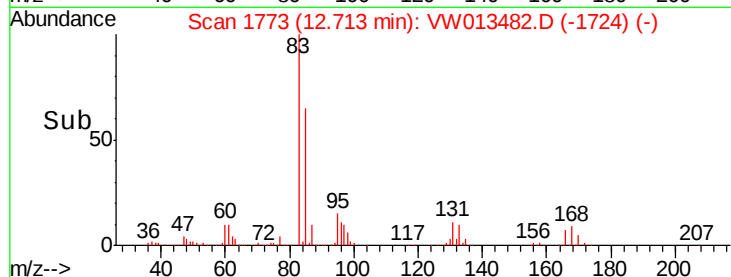
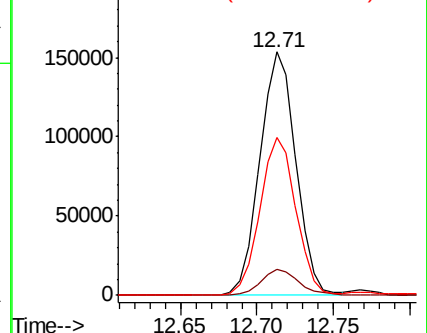
85 65.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 187.513 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013482.D

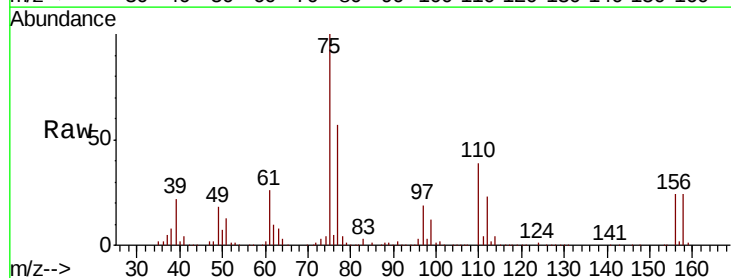
Acq: 08 Oct 2019 12:11

Tgt Ion: 75 Resp: 323353

Ion Ratio Lower Upper

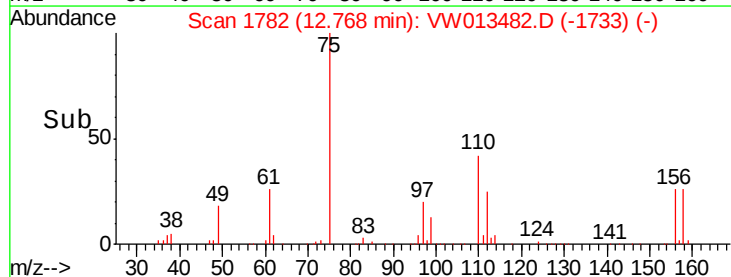
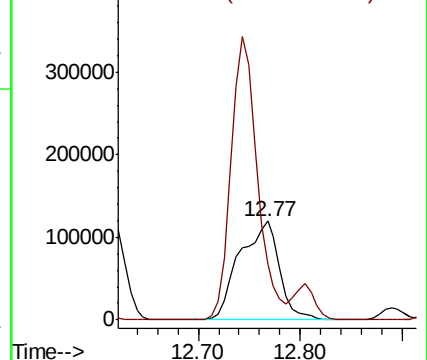
75 100

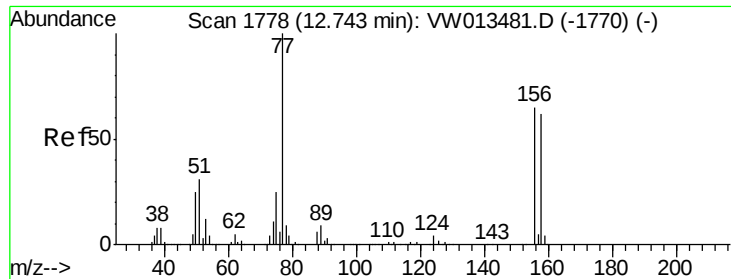
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 100.909 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

ClientSampled :

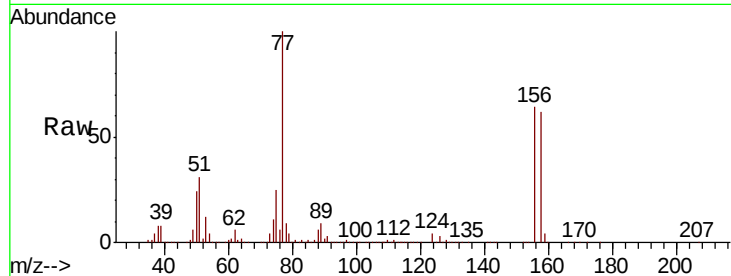
Tot Ion:156 Resp: 367859

Ion Ratio Lower Upper

156 100

77 167.8 83.7 251.0

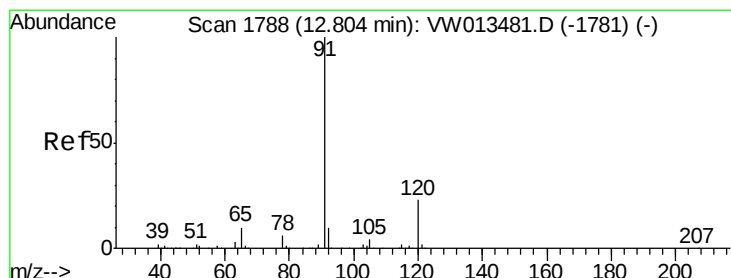
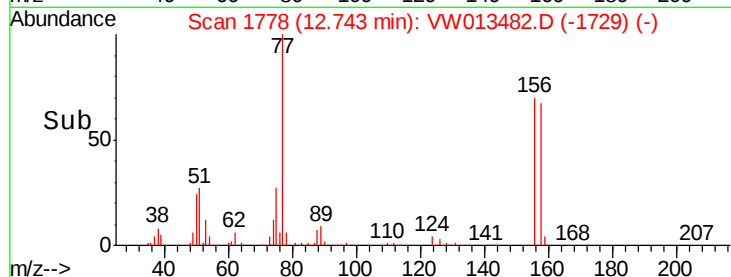
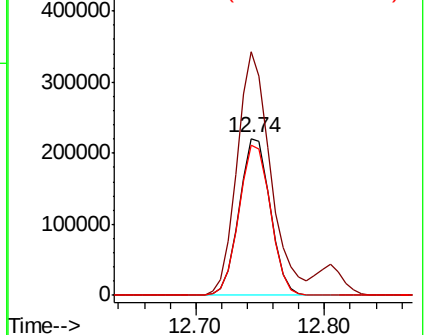
158 96.7 49.0 147.0



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: 99.224 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013482.D

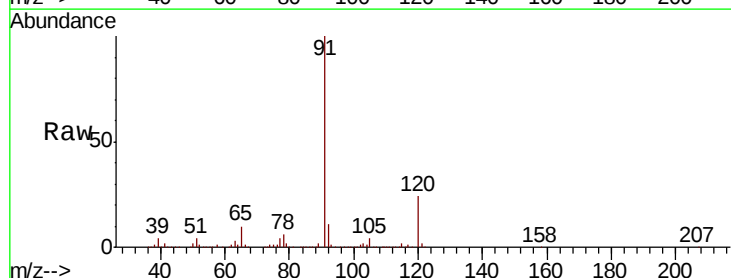
Acq: 08 Oct 2019 12:11

Tgt Ion: 91 Resp: 1764637

Ion Ratio Lower Upper

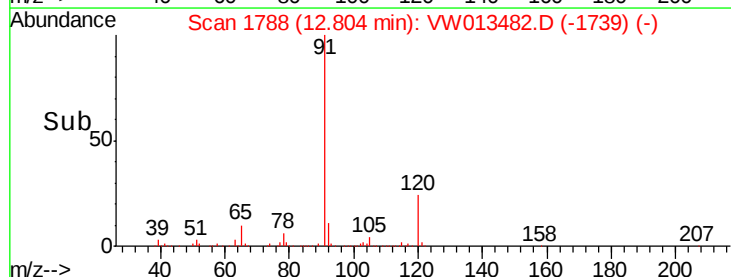
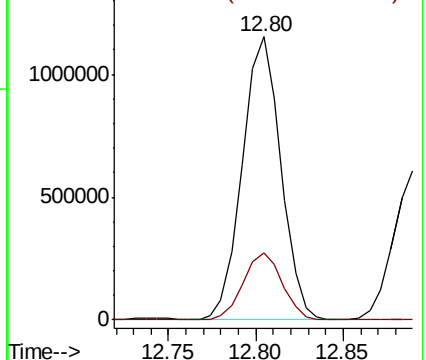
91 100

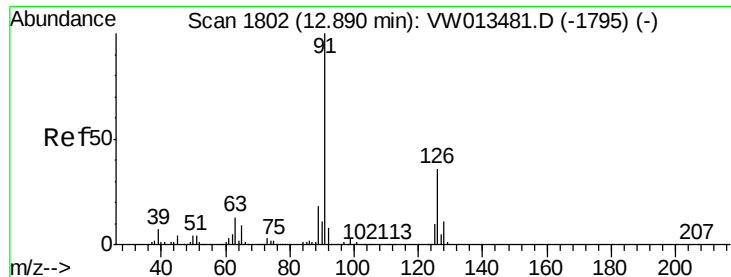
120 24.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.259 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

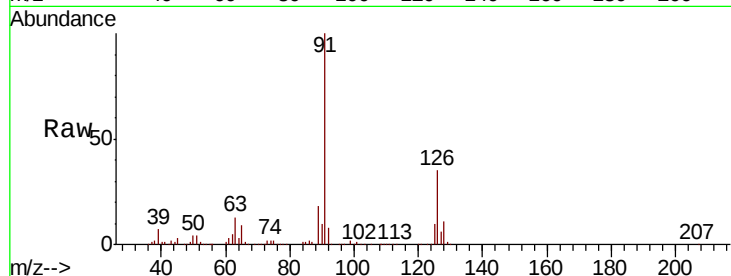
ClientSampled :

Tot Ion: 91 Resp: 989001

Ion Ratio Lower Upper

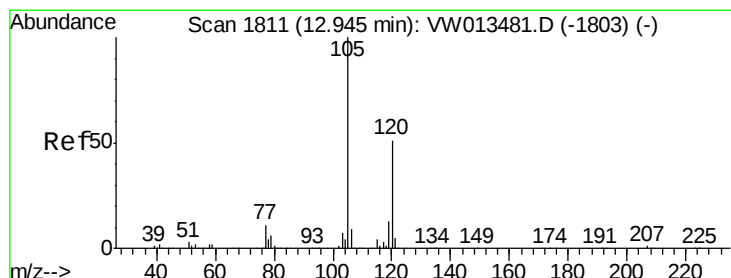
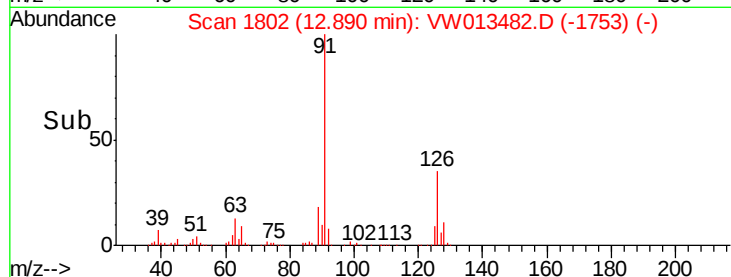
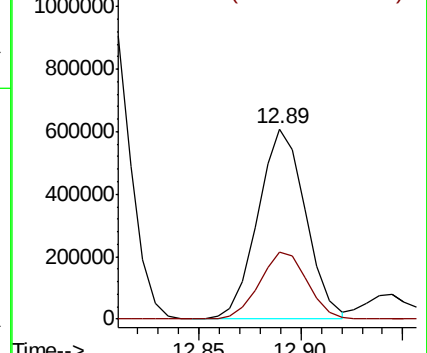
91 100

126 35.3 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: 99.765 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013482.D

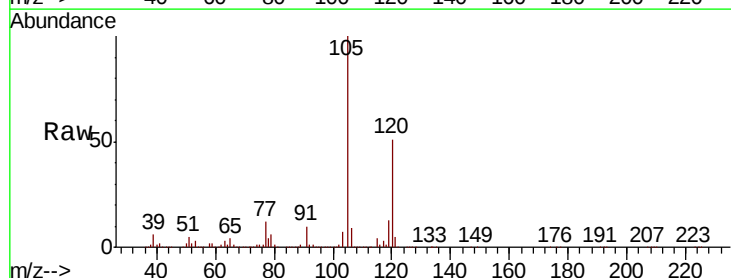
Acq: 08 Oct 2019 12:11

Tgt Ion:105 Resp: 1274874

Ion Ratio Lower Upper

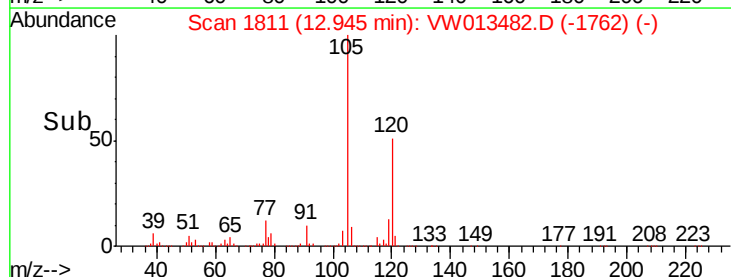
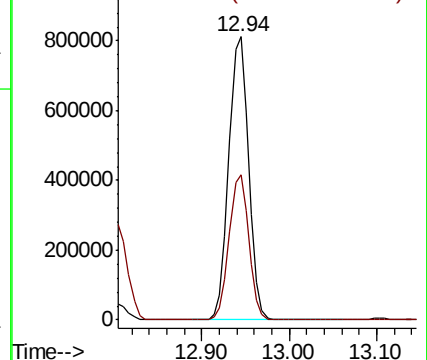
105 100

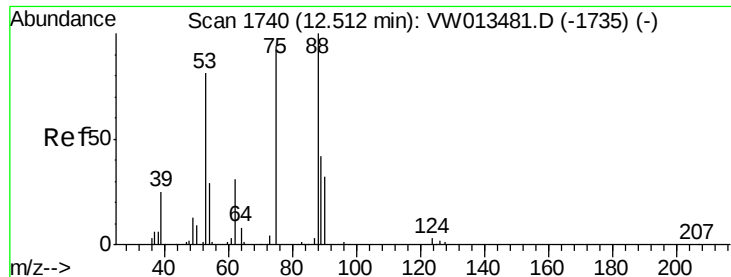
120 50.8 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

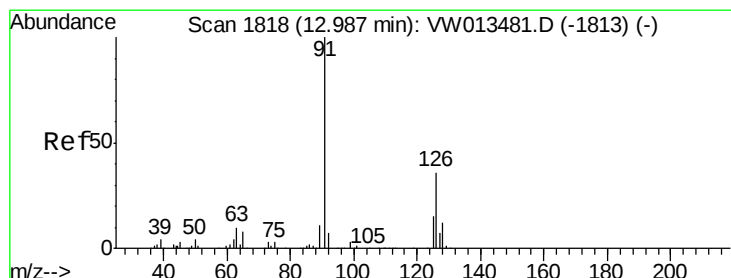
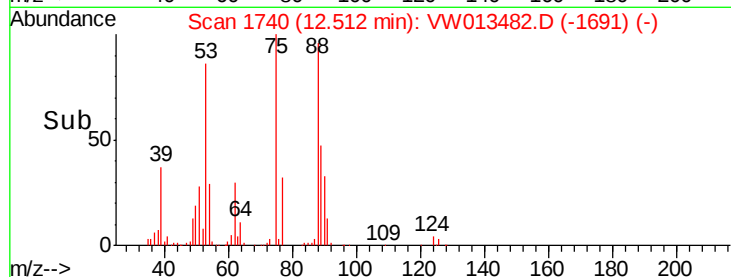
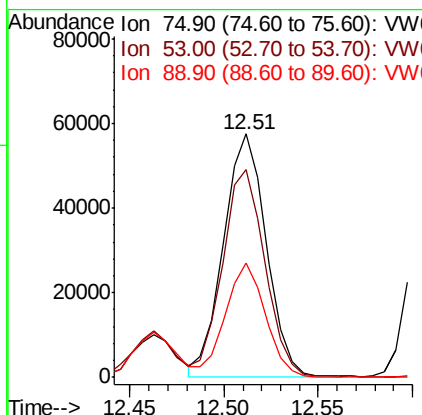
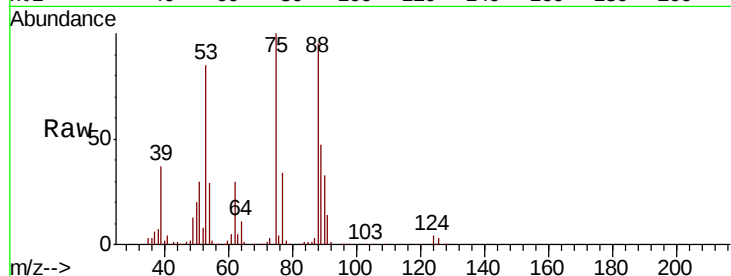




#81
trans-1,4-Dichloro-2-butene
Concen: 102.668 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

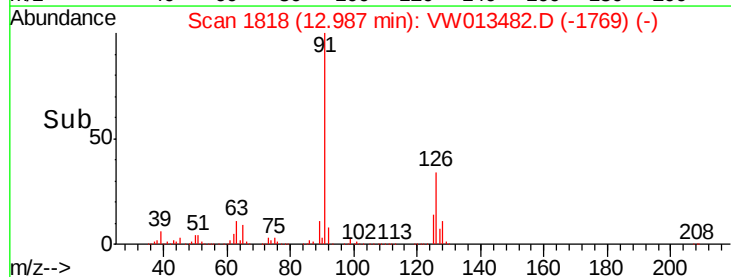
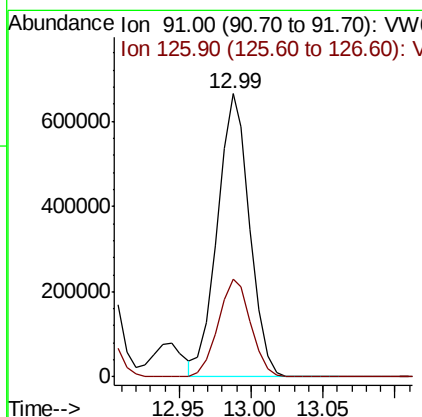
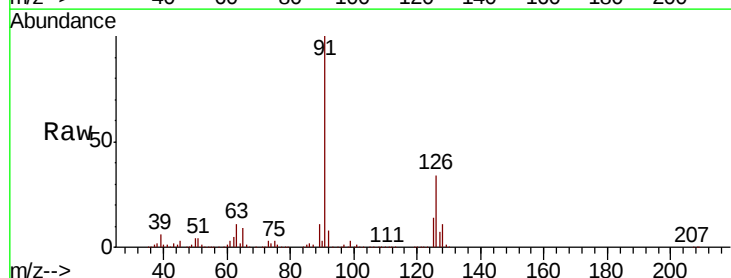
Instrument :
MSVOA_W
ClientSampleId :

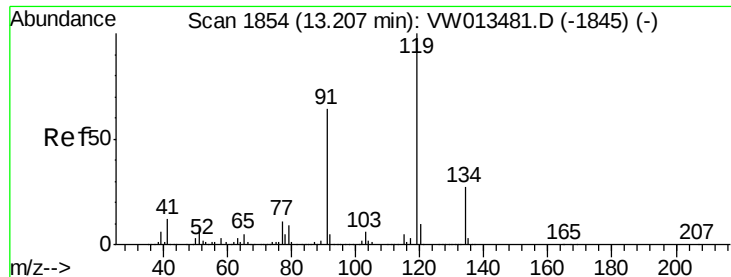
Tot Ion: 75 Resp: 89813
Ion Ratio Lower Upper
75 100
53 85.9 71.0 106.6
89 44.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 100.219 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion: 91 Resp: 1036426
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6

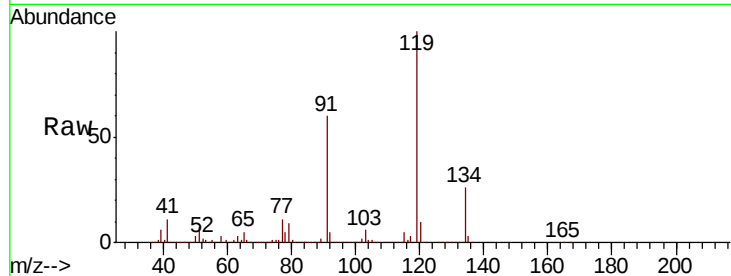




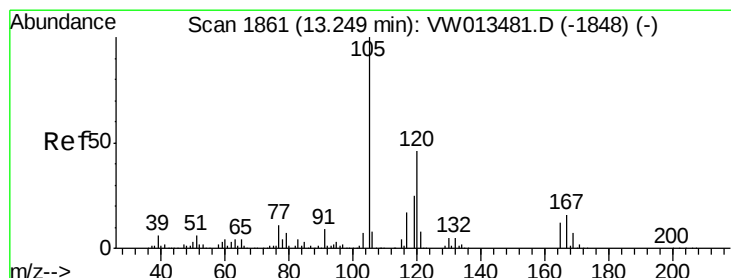
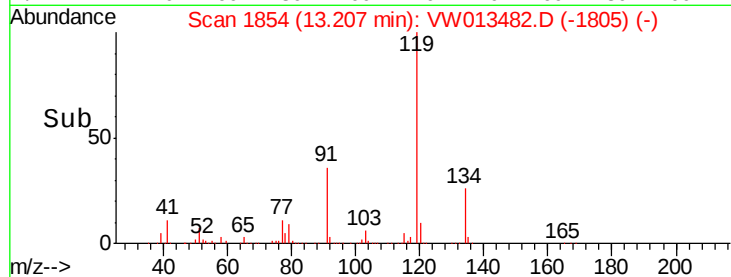
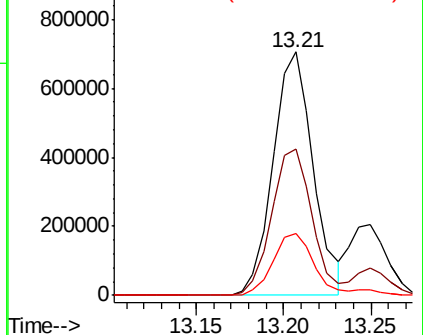
#83
tert-Butylbenzene
Concen: 99.646 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 1130852
Ion Ratio Lower Upper
119 100
91 60.3 30.6 91.6
134 25.7 13.8 41.3

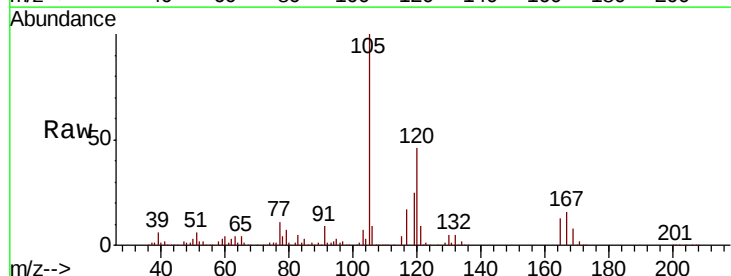


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

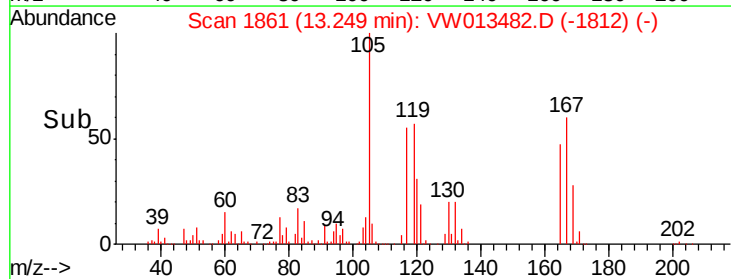
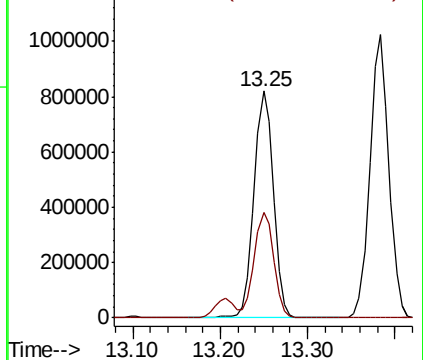


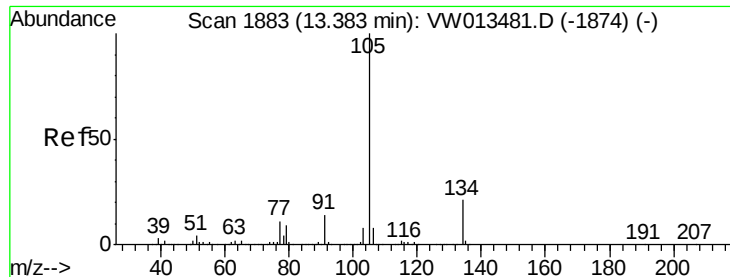
#84
1,2,4-Trimethylbenzene
Concen: 99.388 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion:105 Resp: 1256092
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: 98.409 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Instrument :

MSVOA_W

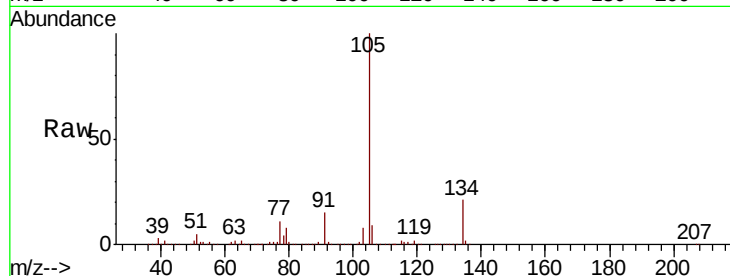
ClientSampleId :

Tot Ion:105 Resp: 1543105

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1200000

1000000

800000

600000

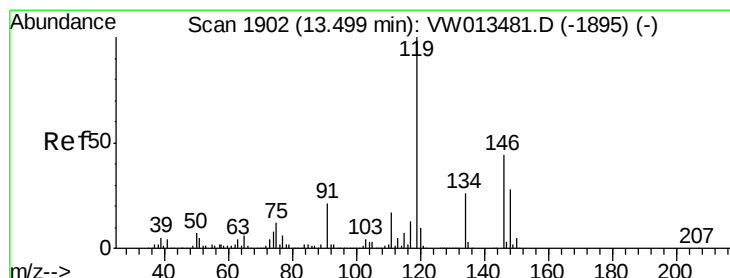
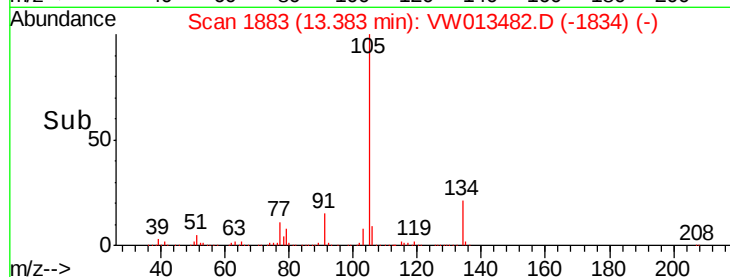
400000

200000

0

13.38

Time-->



#86

p-Isopropyltoluene

Concen: 98.972 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

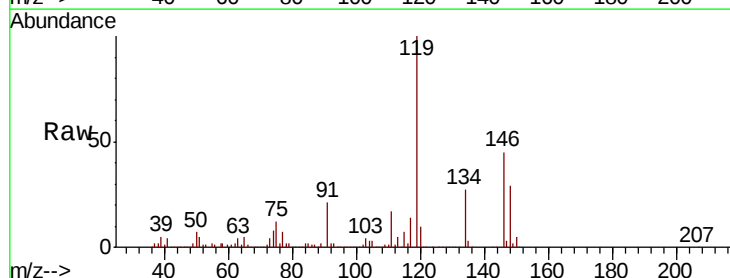
Tgt Ion:119 Resp: 1425892

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

91 21.2 10.8 32.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1200000

1000000

800000

600000

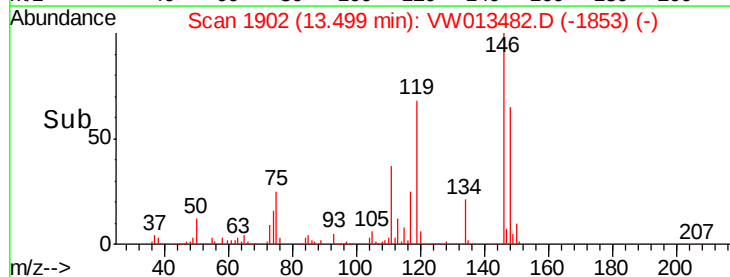
400000

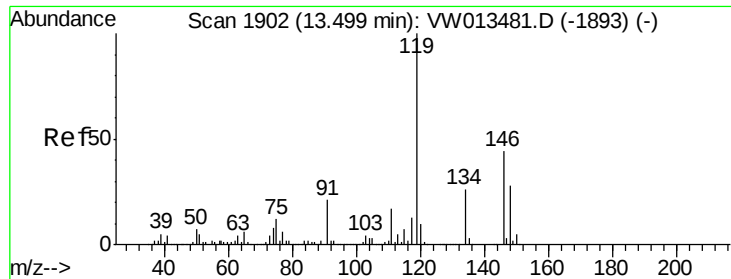
200000

0

13.50

Time-->

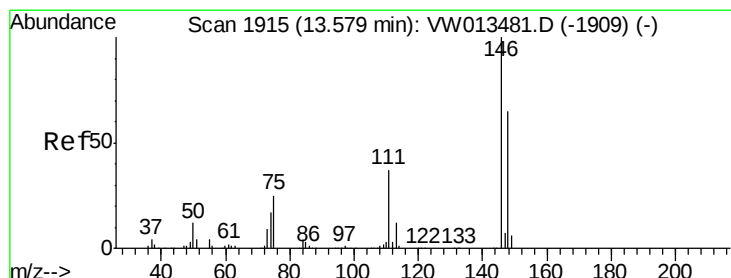
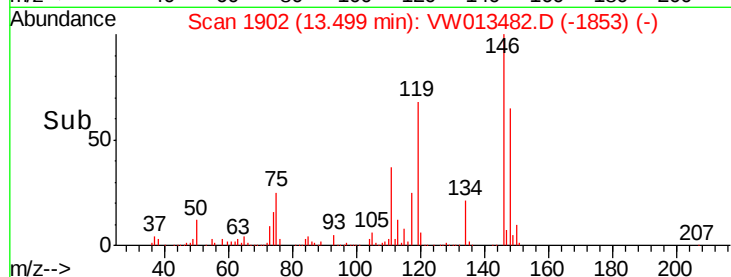
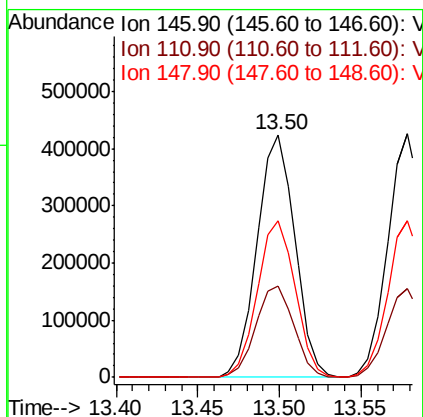
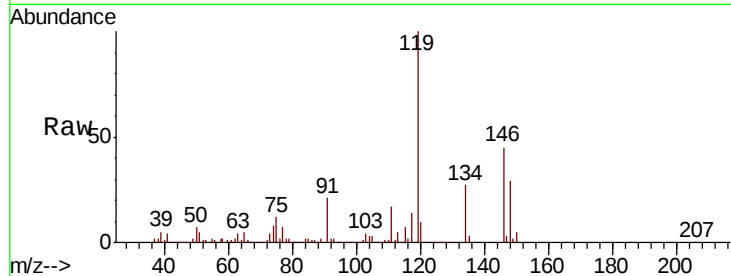




#87
 1,3-Dichlorobenzene
 Concen: 99.114 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

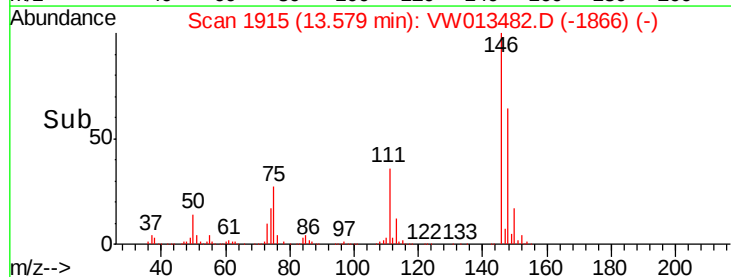
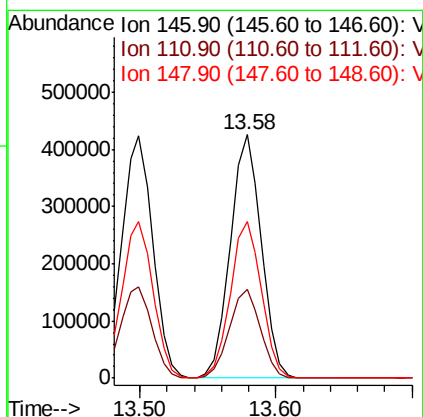
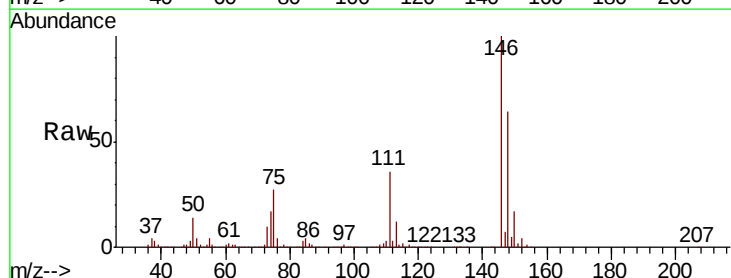
Instrument :
 MSVOA_W
 ClientSampleId :

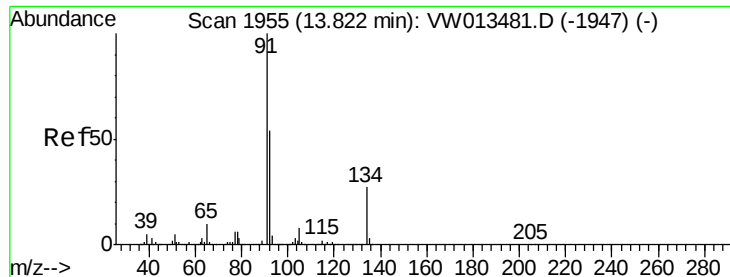
Tot Ion:146 Resp: 685103
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.7 56.1
 148 64.4 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 99.445 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

Tgt Ion:146 Resp: 673392
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.4
 148 64.5 32.0 96.2





#89

n-Butylbenzene

Concen: 100.450 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

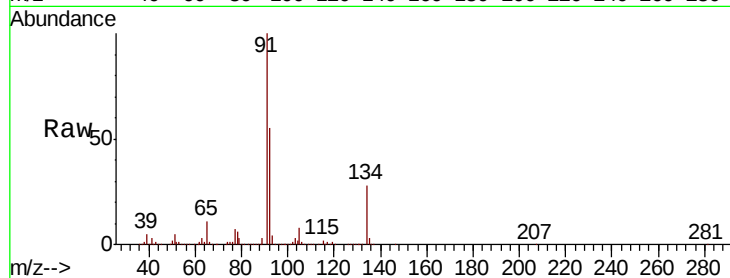
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 91 Resp: 1307305

Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.5	82.4
134	27.9	13.8	41.3

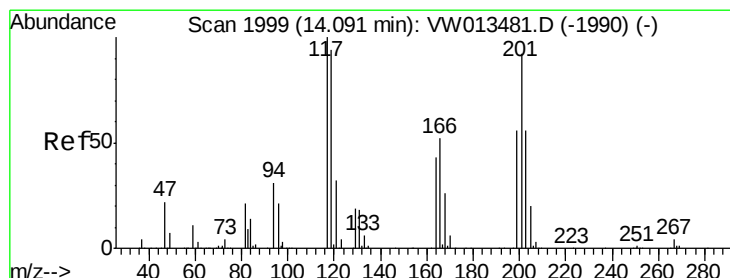
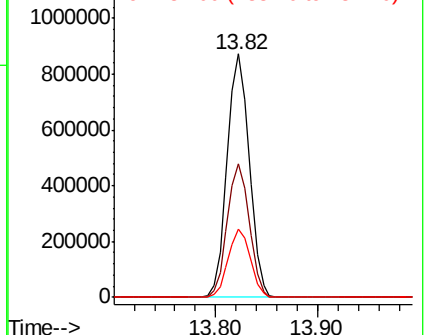
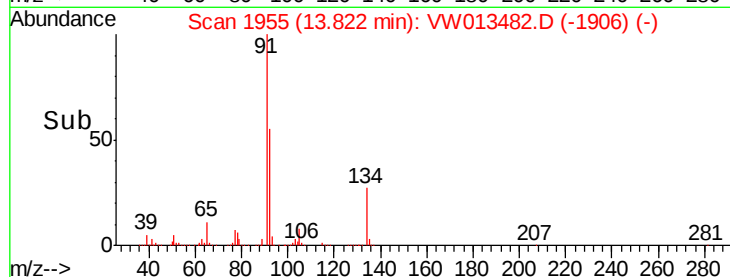


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 101.793 ug/l

RT: 14.09 min Scan# 1999

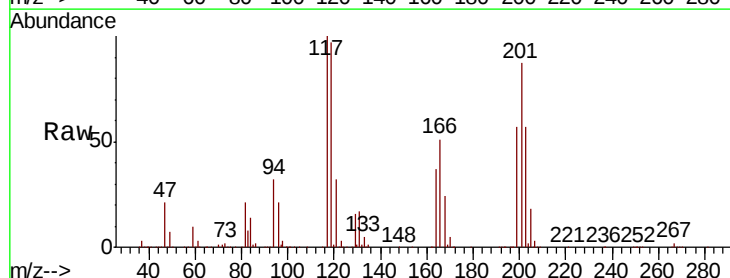
Delta R.T. 0.00 min

Lab File: VW013482.D

Acq: 08 Oct 2019 12:11

Tgt Ion: 117 Resp: 250931

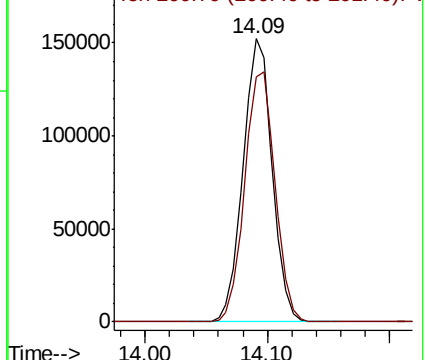
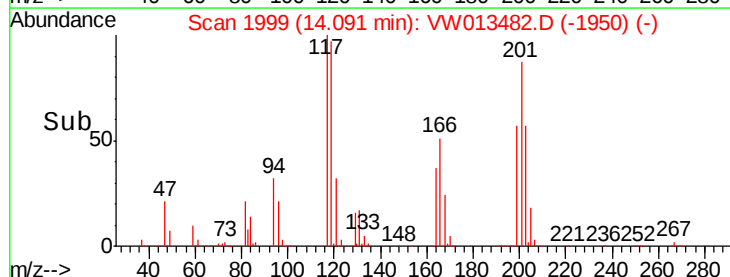
Ion	Ratio	Lower	Upper
117	100		
201	92.4	46.9	140.7

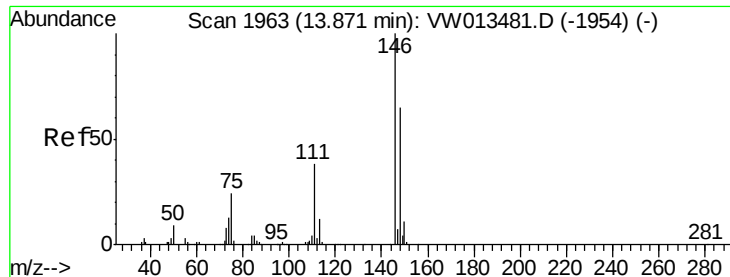


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

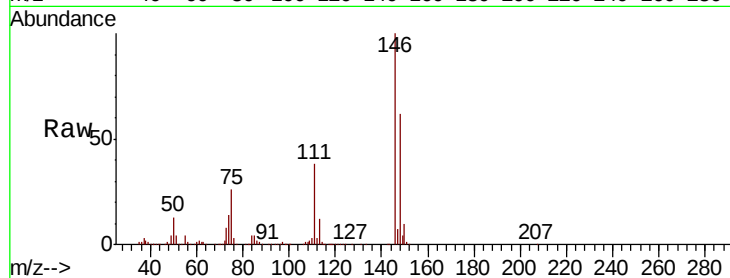




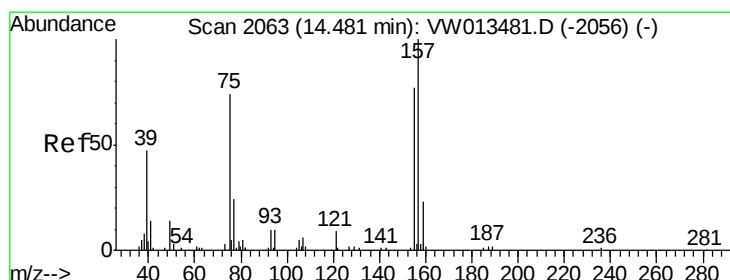
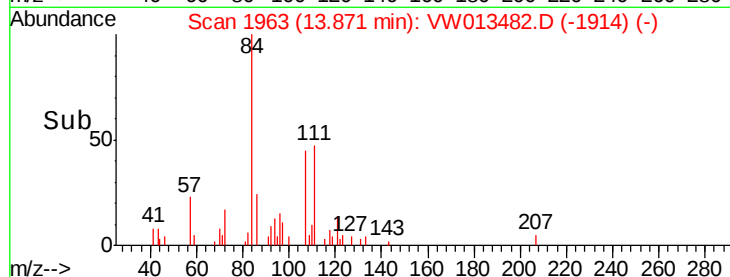
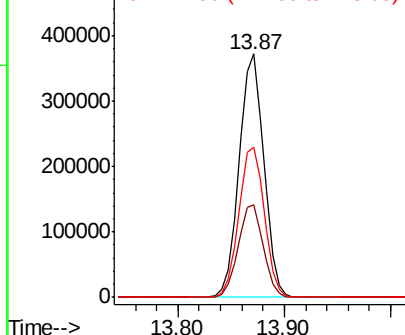
#91
 1,2-Dichlorobenzene
 Concen: 99.715 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	63.7	31.8	95.3

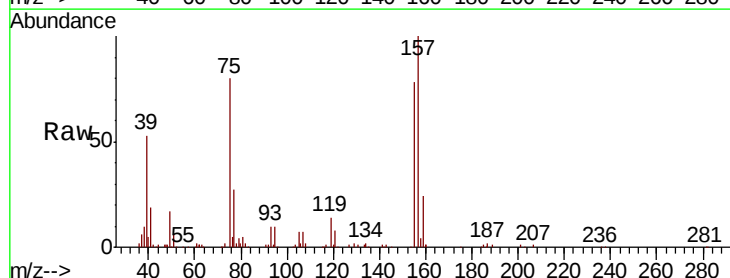


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

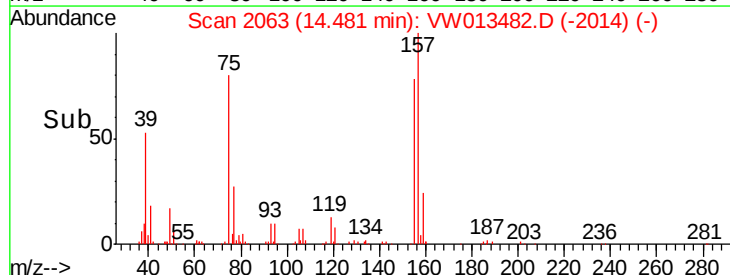
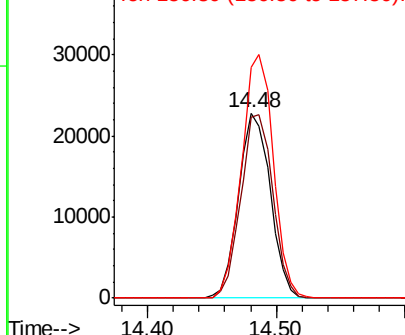


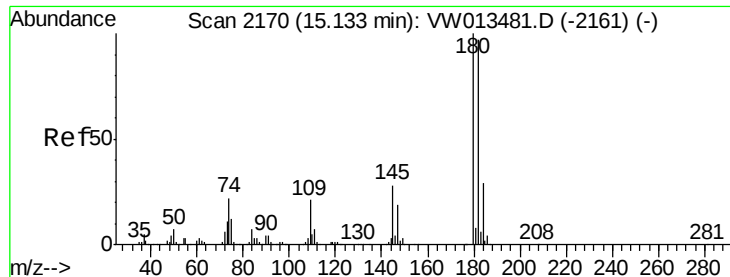
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.296 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	51.0	153.1
157	130.7	65.9	197.7



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

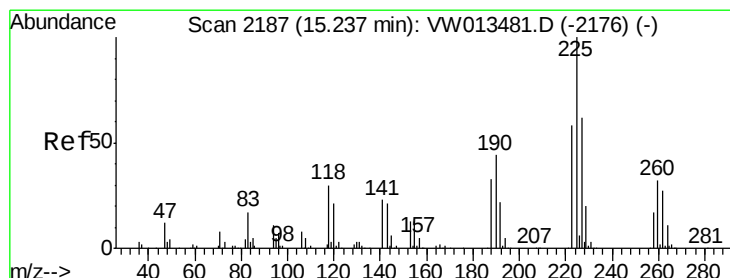
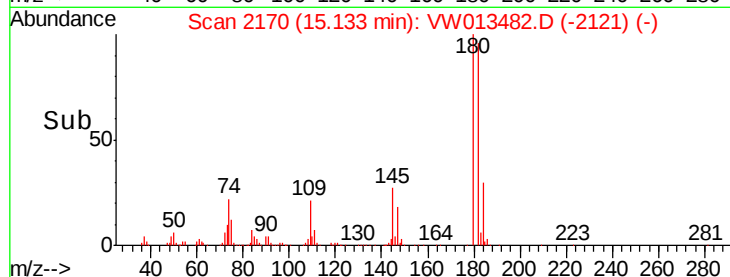
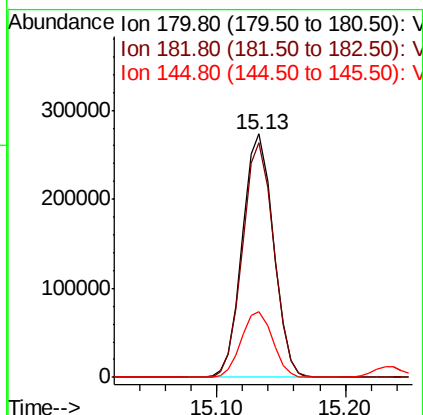
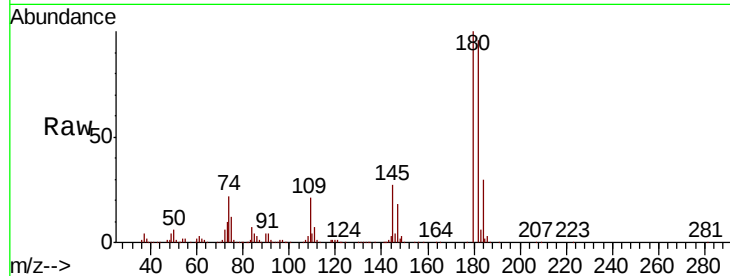




#93
 1,2,4-Trichlorobenzene
 Concen: 105.688 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

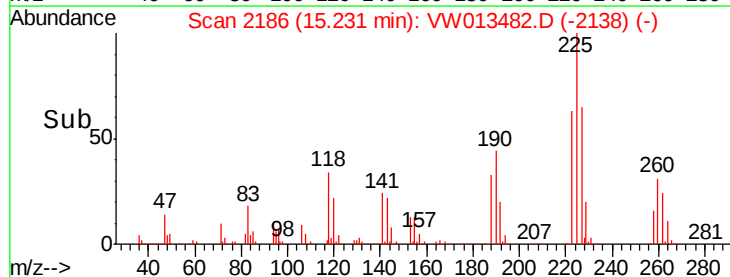
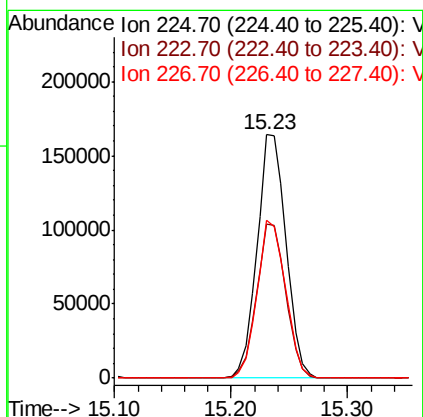
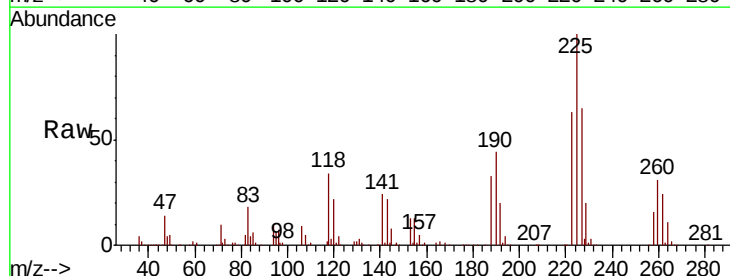
Instrument :
 MSVOA_W
 ClientSampleId :

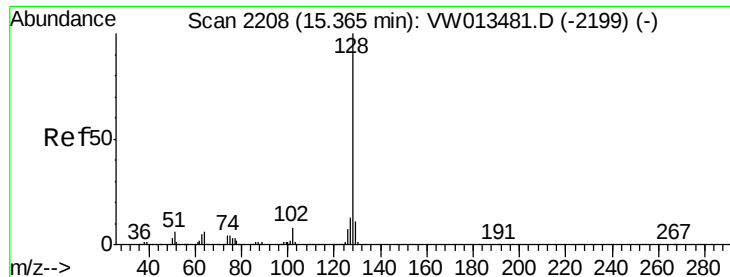
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.7	143.1
145	27.6	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 98.932 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013482.D
 Acq: 08 Oct 2019 12:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	30.3	90.9
227	63.7	32.0	96.0

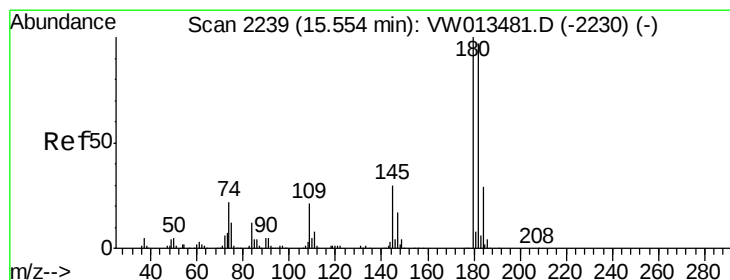
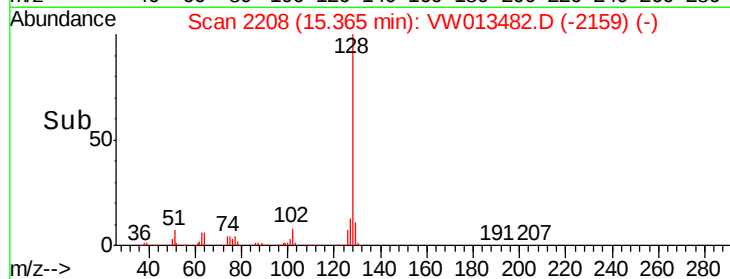
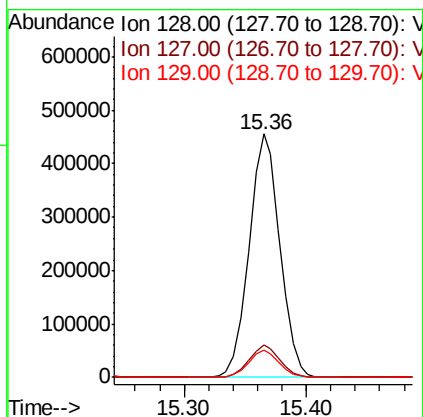
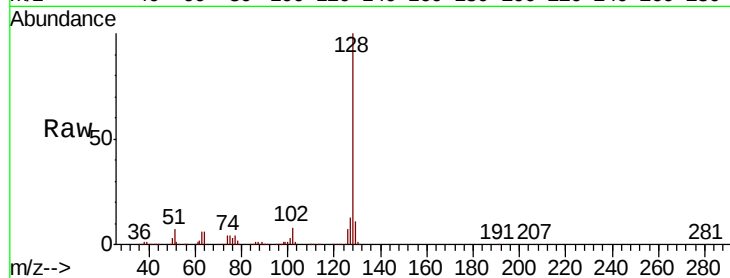




#95
Naphthalene
Concen: 106.612 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 795445
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 104.211 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013482.D
Acq: 08 Oct 2019 12:11

Tgt Ion:180 Resp: 393050
Ion Ratio Lower Upper
180 100
182 94.7 47.7 143.1
145 29.4 14.9 44.9

