

Data File : VW012713.D
Acq On : 07 Sep 2019 11:30
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Sep 08 04:52:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 04:47:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147877	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	241904	95.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.68%	
35) Dibromofluoromethane	7.88	113	191827	96.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.54%	
50) Toluene-d8	10.32	98	790369	101.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.50%	
62) 4-Bromofluorobenzene	12.62	95	273217	96.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.82%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.01	85	108705	88.301	ug/l	98
3) Chloromethane	2.21	50	124899	83.481	ug/l	99
4) Vinyl Chloride	2.36	62	157333	85.766	ug/l	99
5) Bromomethane	2.77	94	86640	86.975	ug/l	99
6) Chloroethane	2.92	64	96184	87.865	ug/l	93
7) Trichlorofluoromethane	3.25	101	111950	88.434	ug/l	99
8) Diethyl Ether	3.68	74	98826	92.885	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	185108	93.179	ug/l	100
10) Methyl Iodide	4.27	142	231266	92.475	ug/l	100
11) Tert butyl alcohol	5.20	59	107824	555.423	ug/l	98
12) 1,1-Dichloroethene	4.04	96	175063	93.351	ug/l	95
13) Acrolein	3.89	56	105584	512.525	ug/l	99
14) Allyl chloride	4.67	41	372574	96.039	ug/l	99
15) Acrylonitrile	5.37	53	350249	563.614	ug/l	99
16) Acetone	4.13	43	389956	563.752	ug/l	98
17) Carbon Disulfide	4.38	76	362766	91.132	ug/l	99
18) Methyl Acetate	4.67	43	178153	109.776	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	381477	102.571	ug/l	98
20) Methylene Chloride	4.92	84	189254	87.454	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	182976	95.624	ug/l	98
22) Diisopropyl ether	6.31	45	748160	97.237	ug/l	100
23) Vinyl Acetate	6.25	43	2627033	538.750	ug/l	99
24) 1,1-Dichloroethane	6.21	63	397847	96.032	ug/l	99
25) 2-Butanone	7.17	43	522392	572.140	ug/l	98
26) 2,2-Dichloropropane	7.16	77	246730	94.294	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	216219	97.453	ug/l	100
28) Bromochloromethane	7.51	49	199300	104.768	ug/l	97
29) Tetrahydrofuran	7.53	42	314574	563.159	ug/l	100
30) Chloroform	7.67	83	384602	93.672	ug/l	97
31) Cyclohexane	7.96	56	325351	87.233	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	320255	96.226	ug/l	99
36) 1,1-Dichloropropene	8.08	75	291829	97.999	ug/l	99
37) Ethyl Acetate	7.25	43	214271	112.874	ug/l	100
38) Carbon Tetrachloride	8.07	117	289602	98.657	ug/l	98

Data File : VW012713.D
Acq On : 07 Sep 2019 11:30
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Sep 08 04:52:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 04:47:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	330376	98.780	ug/l	97
40) Benzene	8.32	78	763183	92.371	ug/l	100
41) Methacrylonitrile	7.48	41	134023	117.094	ug/l	95
42) 1,2-Dichloroethane	8.40	62	291852	100.370	ug/l	100
43) Isopropyl Acetate	8.42	43	401177	111.547	ug/l	99
44) Trichloroethene	9.09	130	208345	97.827	ug/l	96
45) 1,2-Dichloropropane	9.37	63	226529	98.855	ug/l	99
46) Dibromomethane	9.46	93	111042	102.331	ug/l	99
47) Bromodichloromethane	9.64	83	298701	100.053	ug/l	96
48) Methyl methacrylate	9.43	41	193521	112.596	ug/l	96
49) 1,4-Dioxane	9.46	88	47194	2201.782	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	1071301	567.674	ug/l	100
52) Toluene	10.38	92	509149	98.734	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	321529	104.738	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	357986	102.796	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	168384	103.649	ug/l	98
56) Ethyl methacrylate	10.65	69	267232	112.374	ug/l	99
57) 1,3-Dichloropropane	10.93	76	302619	100.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	732212	579.988	ug/l	99
59) 2-Hexanone	10.97	43	786941	570.769	ug/l	100
60) Dibromochloromethane	11.13	129	199976	104.665	ug/l	99
61) 1,2-Dibromoethane	11.24	107	156167	104.852	ug/l	99
64) Tetrachloroethene	10.86	164	171145	95.255	ug/l	97
65) Chlorobenzene	11.66	112	535077	95.609	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	205991	98.837	ug/l	99
67) Ethyl Benzene	11.73	91	1025725	97.685	ug/l	98
68) m/p-Xylenes	11.84	106	737973	194.708	ug/l	100
69) o-Xylene	12.16	106	347412	97.158	ug/l	99
70) Styrene	12.18	104	621388	98.343	ug/l	100
71) Bromoform	12.35	173	119515	103.214	ug/l	98
73) Isopropylbenzene	12.46	105	962886	90.786	ug/l	99
74) N-amyl acetate	12.27	43	332248	98.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	214086	100.509	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	291811	201.085	ug/l #	100
77) Bromobenzene	12.74	156	225553	93.866	ug/l	99
78) n-propylbenzene	12.80	91	1193938	94.123	ug/l	100
79) 2-Chlorotoluene	12.89	91	674938	92.685	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	835518	93.488	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	76497	107.001	ug/l	100
82) 4-Chlorotoluene	12.99	91	717348	93.129	ug/l	99
83) tert-Butylbenzene	13.21	119	737244	93.295	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	837595	93.010	ug/l	100
85) sec-Butylbenzene	13.38	105	1024067	93.389	ug/l	100
86) p-Isopropyltoluene	13.50	119	934053	93.255	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	432657	91.605	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	432718	92.073	ug/l	99
89) n-Butylbenzene	13.82	91	914007	93.996	ug/l	100
90) Hexachloroethane	14.09	117	166438	95.186	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	393318	92.523	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41346	106.069	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
Quantitation Report (Not Reviewed)

Data File : VW012713.D
Acq On : 07 Sep 2019 11:30
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Sep 08 04:52:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 04:47:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	290328	98.094	ug/l	99
94) Hexachlorobutadiene	15.24	225	185817	90.705	ug/l	99
95) Naphthalene	15.36	128	615646	111.724	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	244140	93.450	ug/l	99

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

Data File : VW012713.D

Acq On : 07 Sep 2019 11:30

Operator : SY/VA

Sample : VSTDICC100

Misc : 5.00G/5ML/MSVOA W/SOIL

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

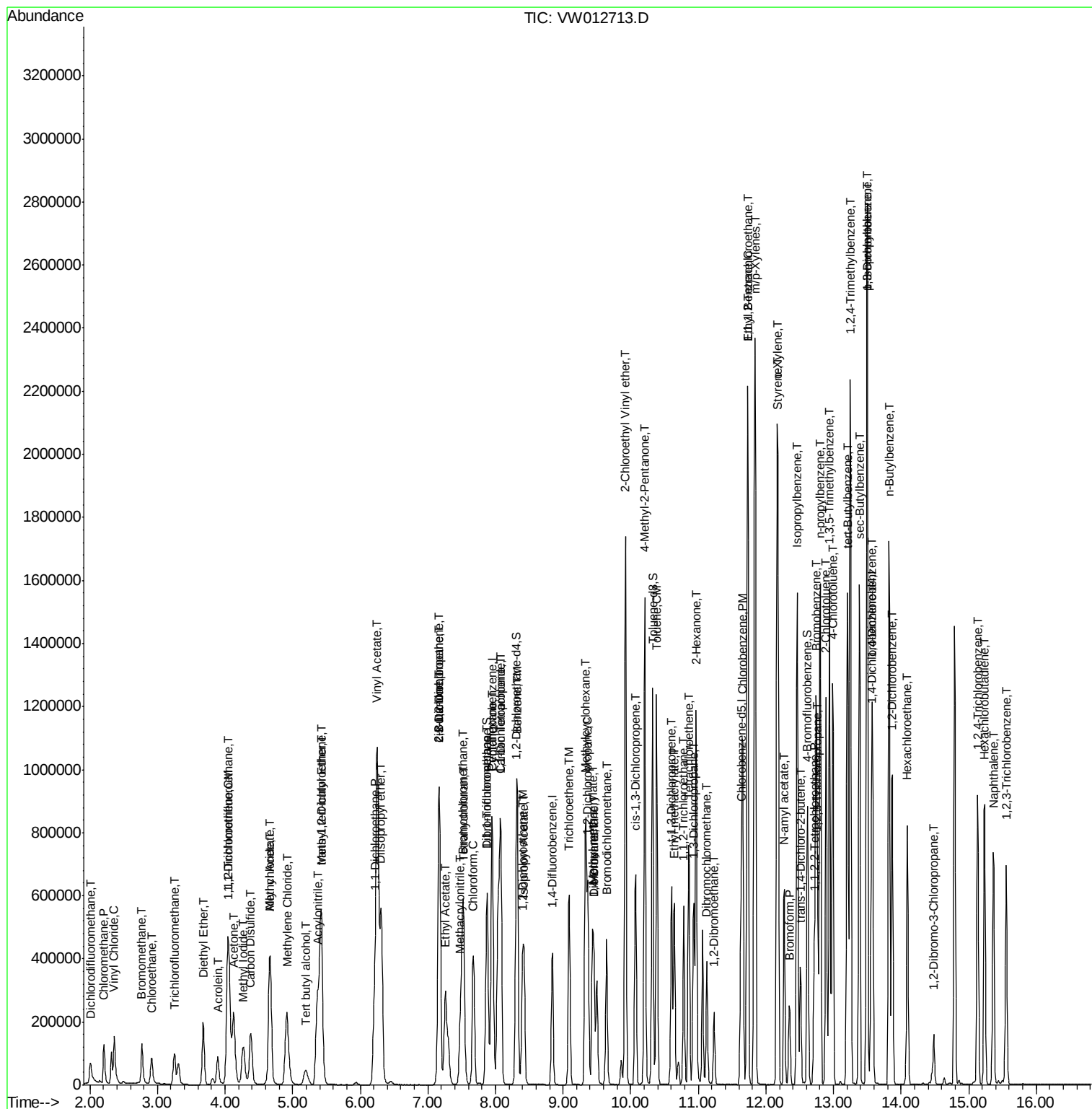
Quant Time: Sep 08 04:52:47 2019

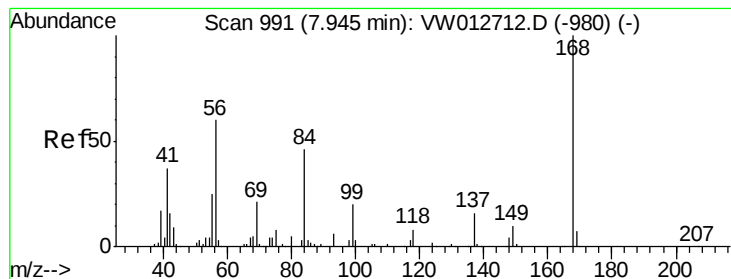
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W090719S.M

Quant Title : SW846 8260

QLast Update : Sun Sep 08 04:47:02 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

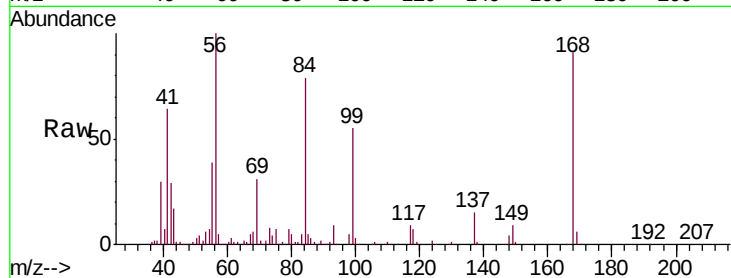
VSTDIC100

Tgt Ion: 168 Resp: 227085

Ion Ratio Lower Upper

168 100

99 60.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

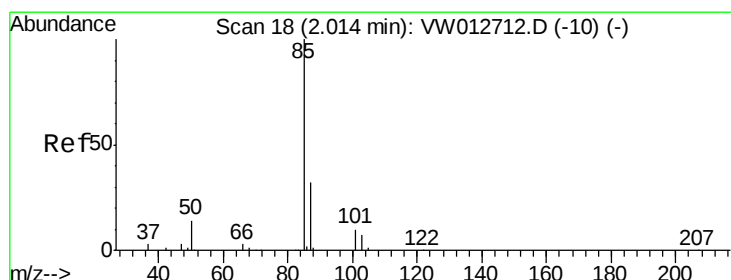
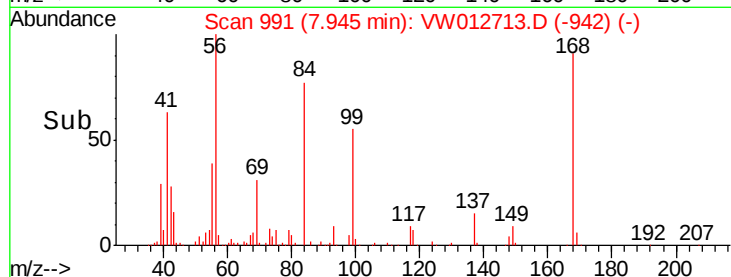
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 88.301 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012713.D

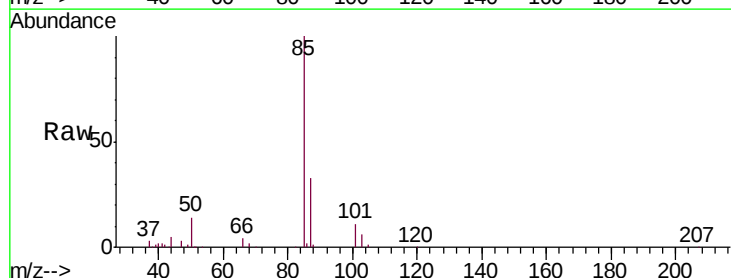
Acq: 07 Sep 2019 11:30

Tgt Ion: 85 Resp: 108705

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

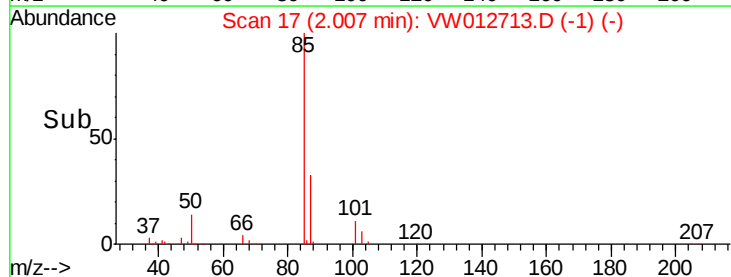
30000

20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 83.481 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

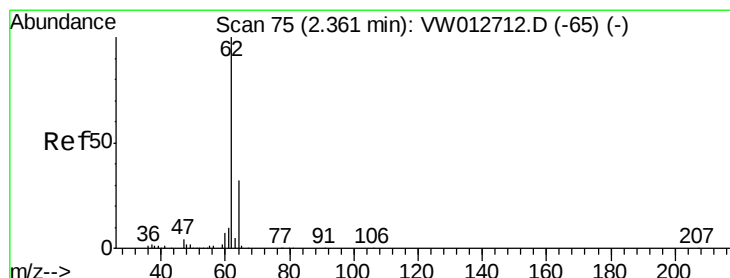
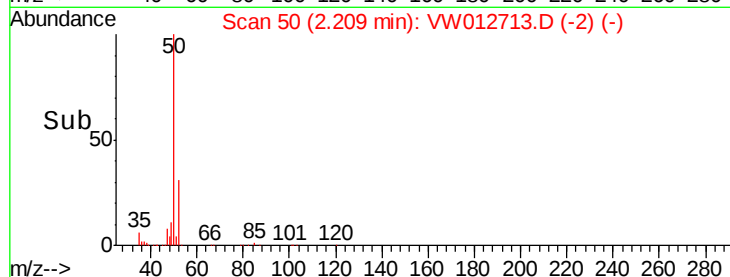
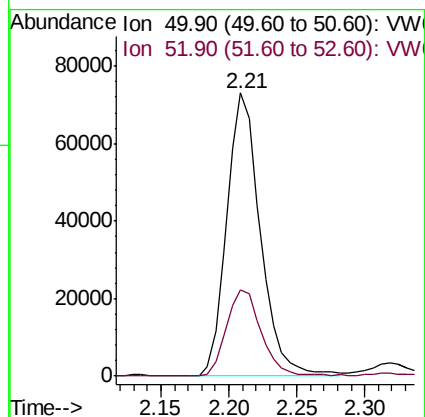
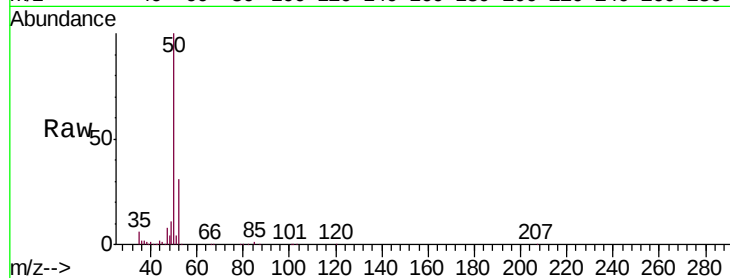
VSTDIC100

Tgt Ion: 50 Resp: 124899

Ion Ratio Lower Upper

50 100

52 30.5 24.2 36.2



#4

Vinyl Chloride

Concen: 85.766 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012713.D

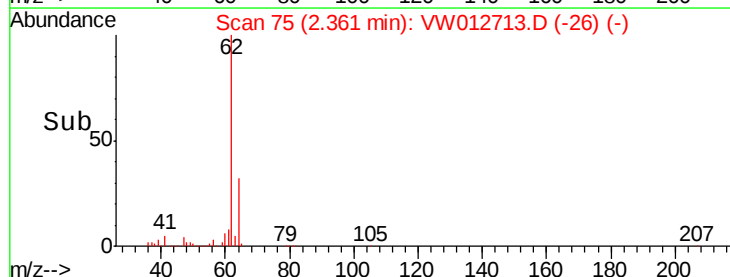
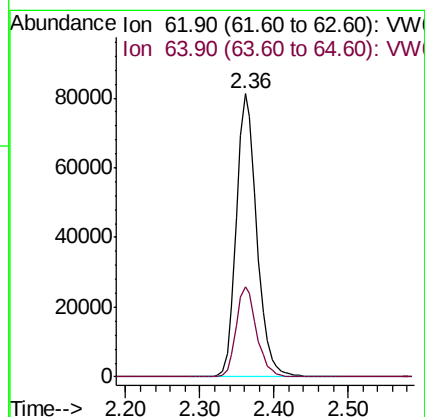
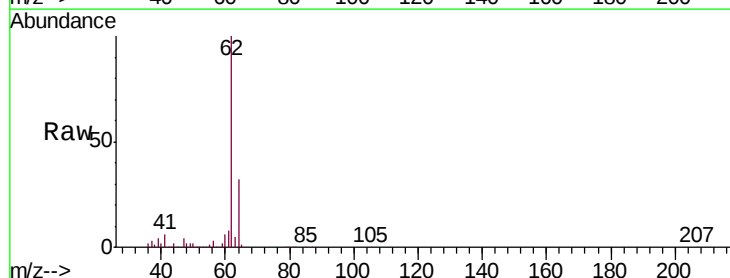
Acq: 07 Sep 2019 11:30

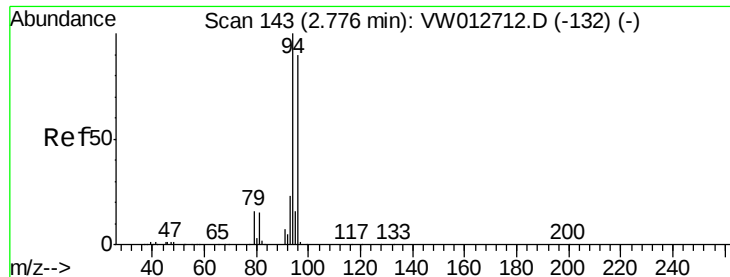
Tgt Ion: 62 Resp: 157333

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 86.975 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

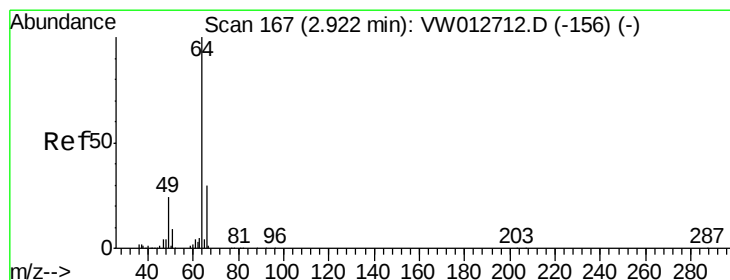
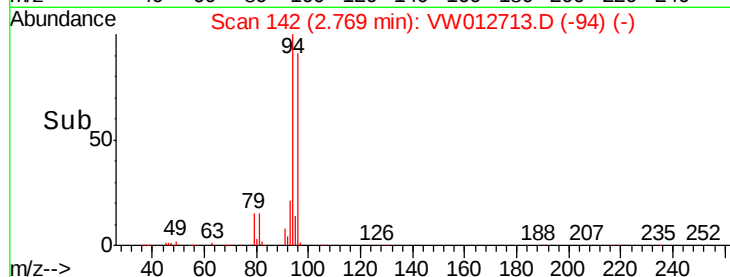
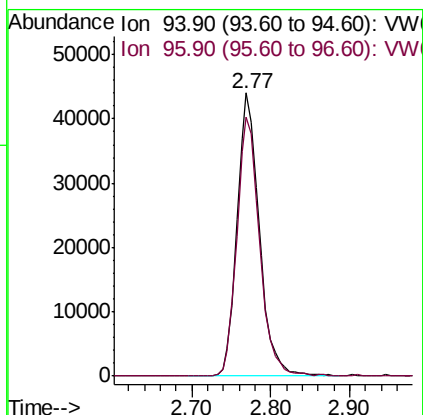
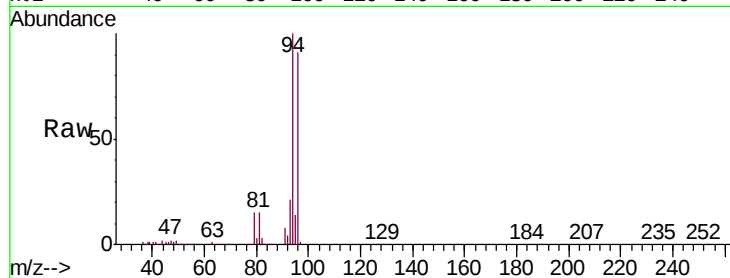
VSTDIC100

Tgt Ion: 94 Resp: 86640

Ion Ratio Lower Upper

94 100

96 91.5 72.1 108.1



#6

Chloroethane

Concen: 87.865 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012713.D

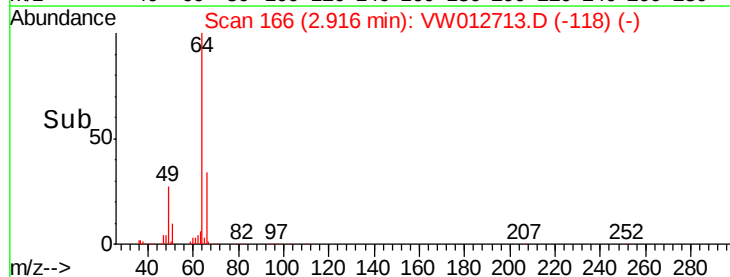
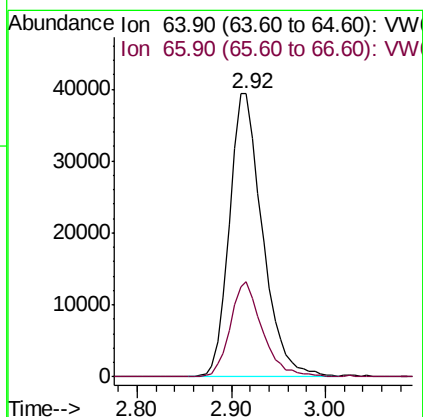
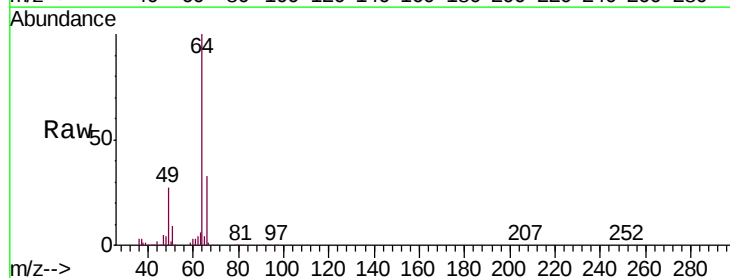
Acq: 07 Sep 2019 11:30

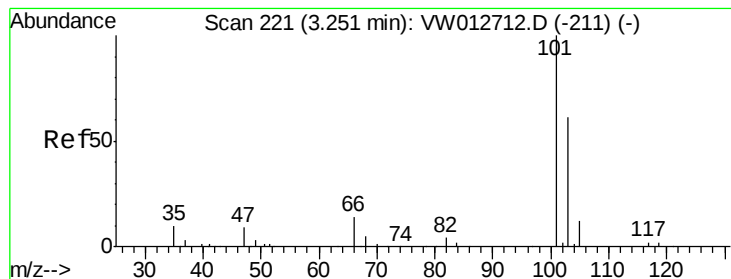
Tgt Ion: 64 Resp: 96184

Ion Ratio Lower Upper

64 100

66 33.4 23.8 35.6



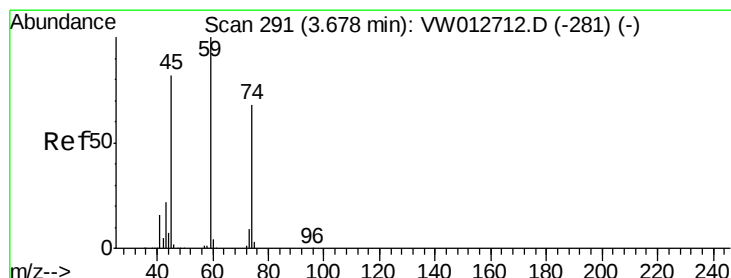
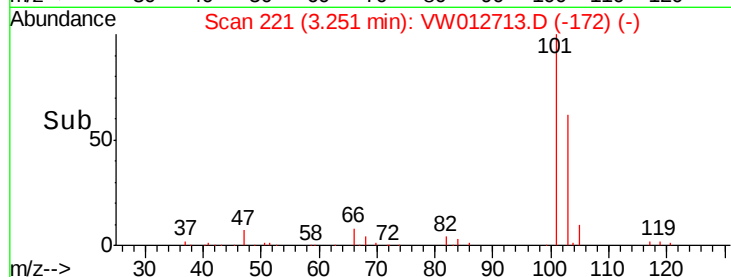
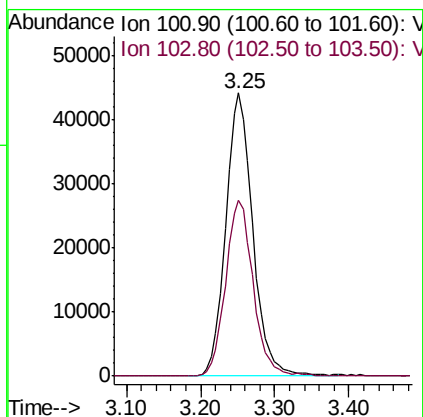
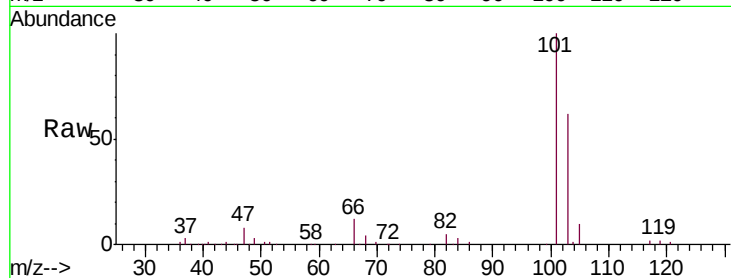


#7

Trichlorofluoromethane
Concen: 88.434 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

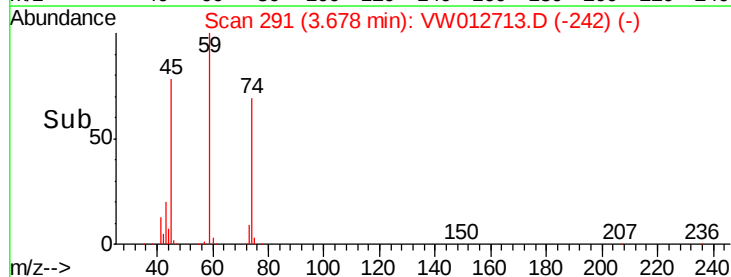
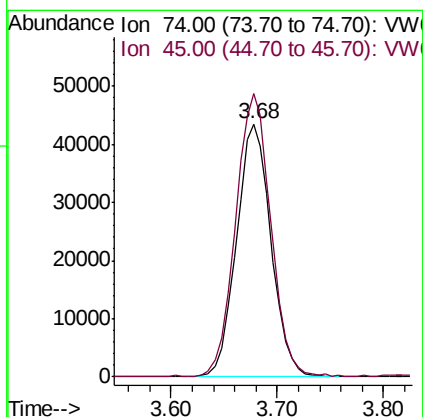
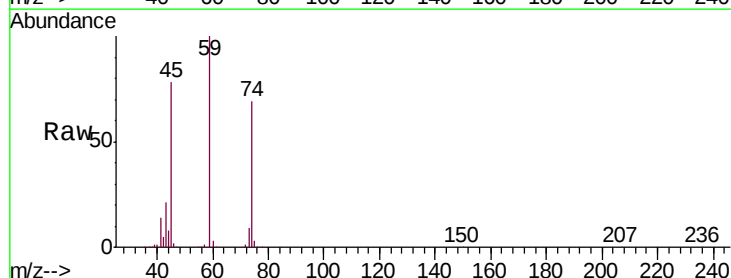
Tgt Ion:101 Resp: 111950
Ion Ratio Lower Upper
101 100
103 62.2 49.0 73.4

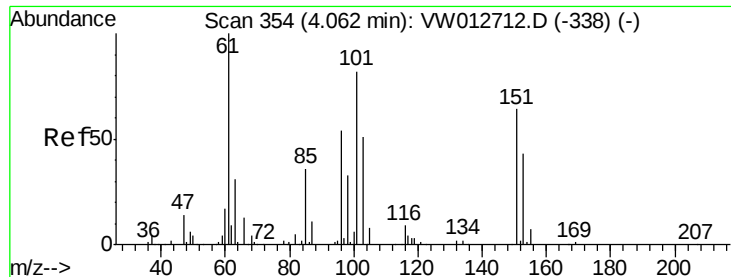


#8

Diethyl Ether
Concen: 92.885 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Tgt Ion: 74 Resp: 98826
Ion Ratio Lower Upper
74 100
45 113.1 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.179 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

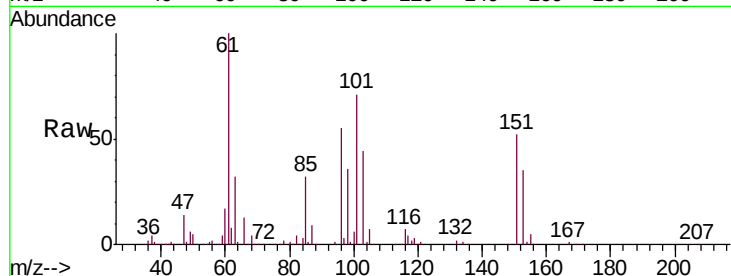
Tgt Ion:101 Resp: 185108

Ion Ratio Lower Upper

101 100

85 45.1 36.2 54.2

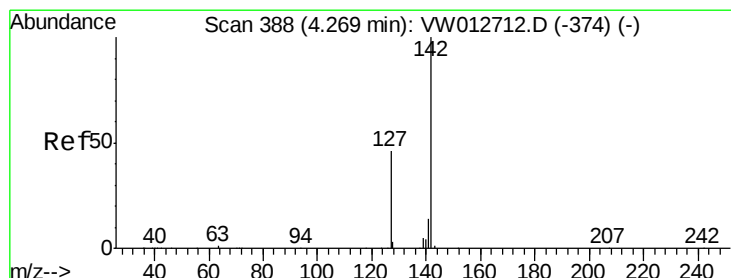
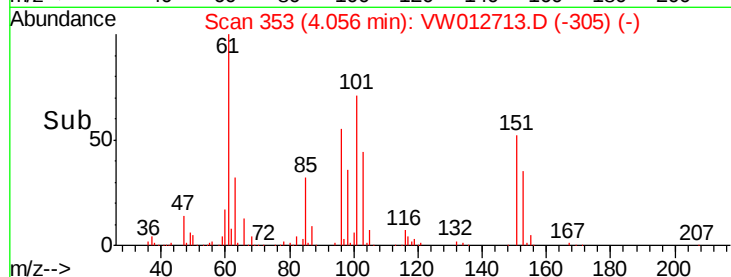
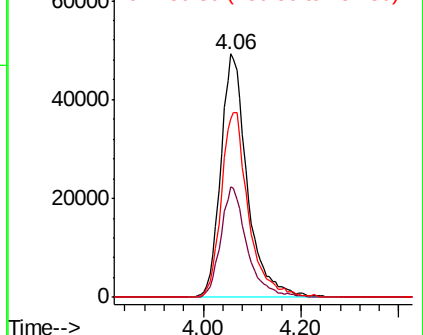
151 77.4 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 92.475 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

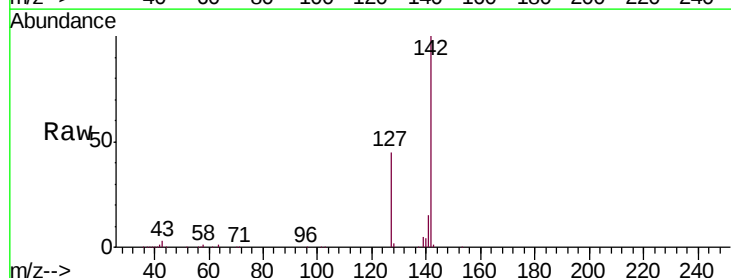
Tgt Ion:142 Resp: 231266

Ion Ratio Lower Upper

142 100

127 45.2 36.0 54.0

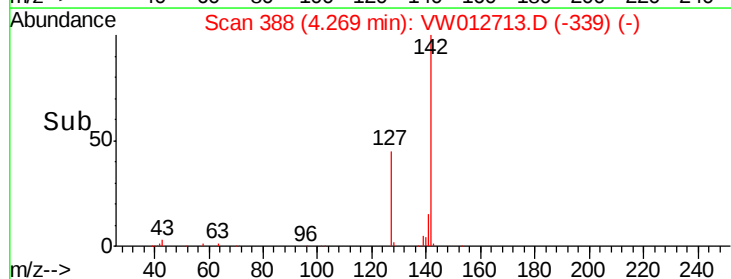
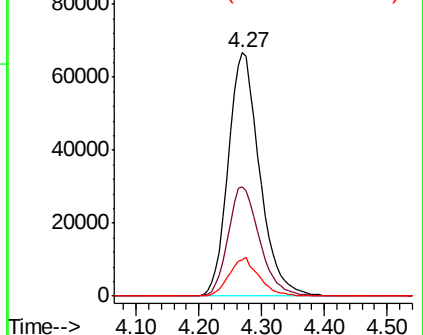
141 15.0 12.2 18.4

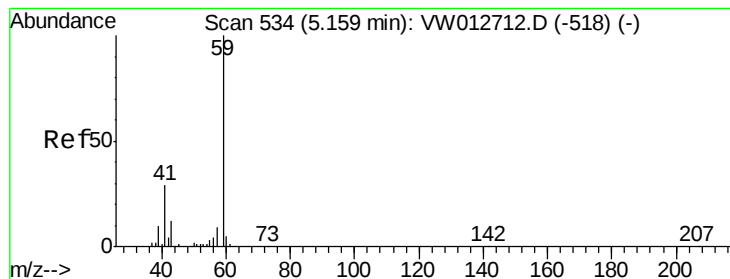


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 555.423 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.04 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

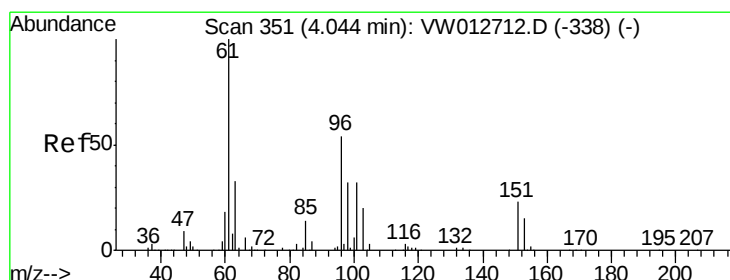
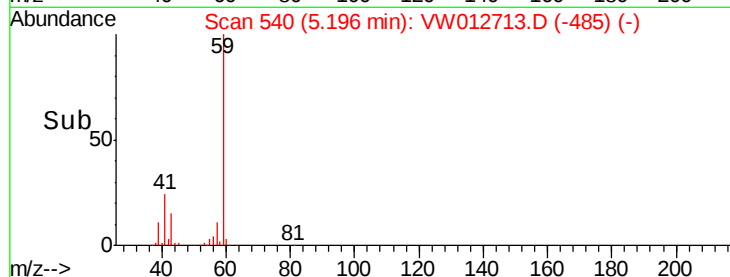
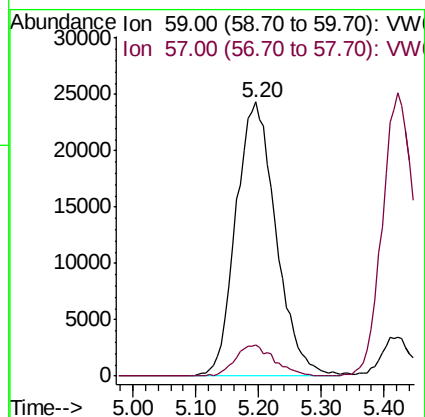
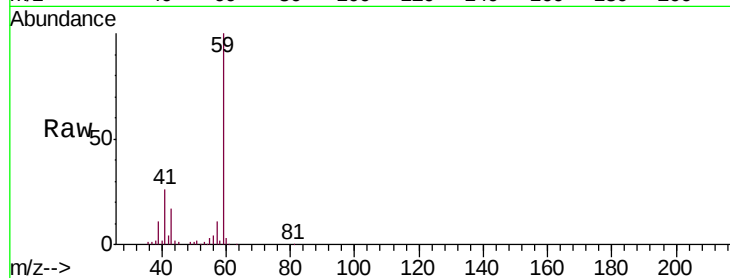
VSTDIC100

Tgt Ion: 59 Resp: 107824

Ion Ratio Lower Upper

59 100

57 11.1 8.2 12.4



#12

1,1-Dichloroethene

Concen: 93.351 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

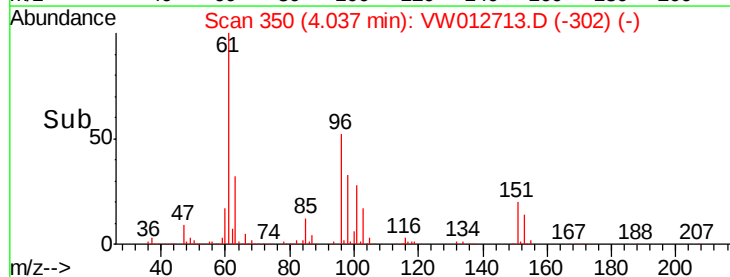
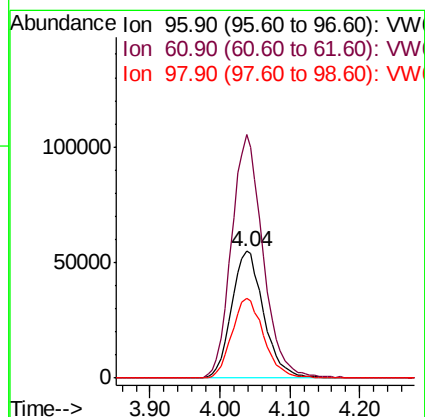
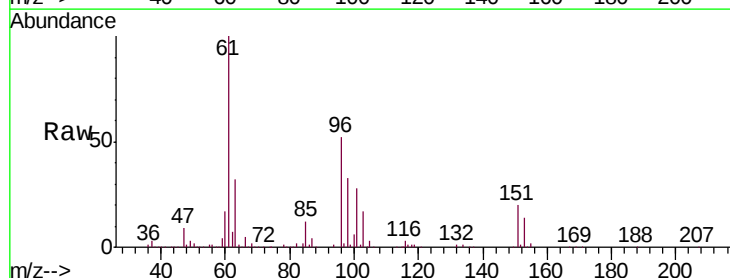
Tgt Ion: 96 Resp: 175063

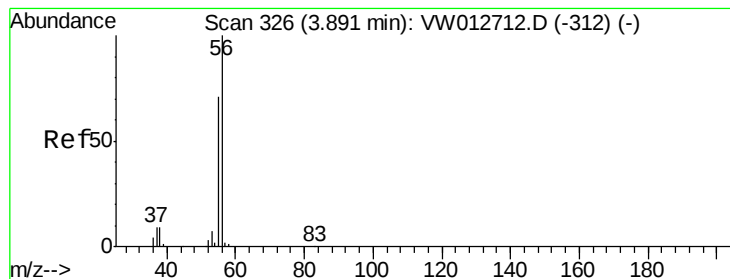
Ion Ratio Lower Upper

96 100

61 191.6 147.8 221.6

98 63.0 47.9 71.9





#13

Acrolein

Concen: 512.525 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

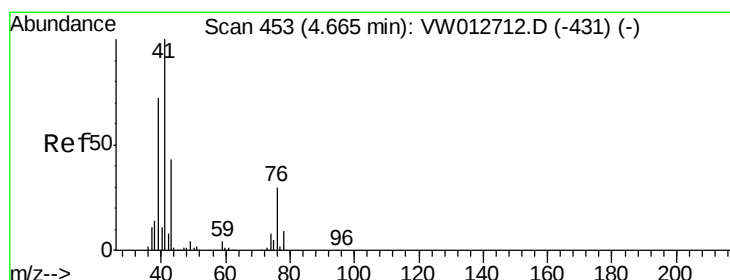
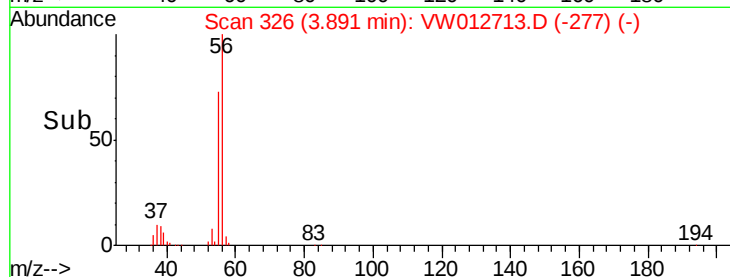
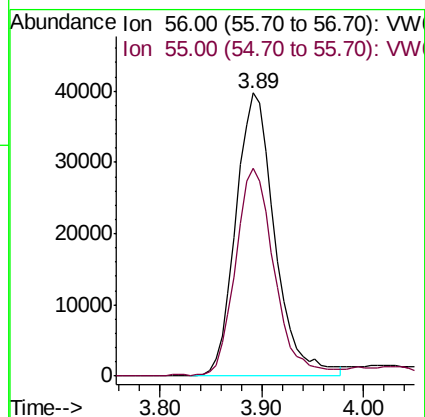
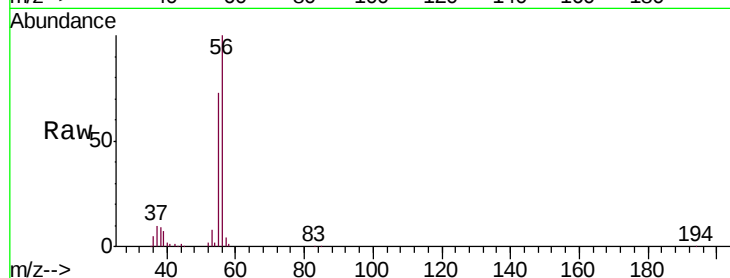
VSTDIC100

Tgt Ion: 56 Resp: 105584

Ion Ratio Lower Upper

56 100

55 72.0 56.9 85.3



#14

Allyl chloride

Concen: 96.039 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

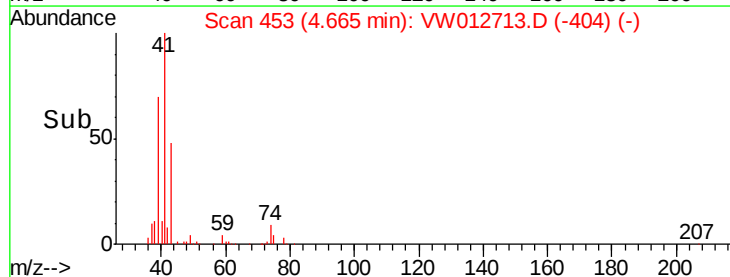
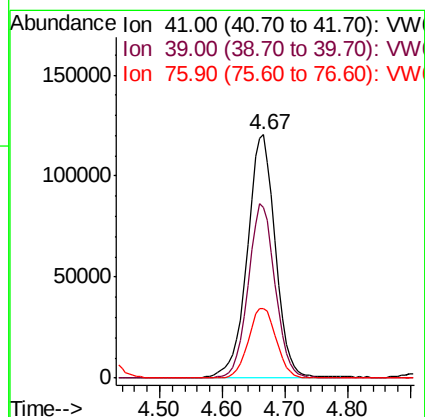
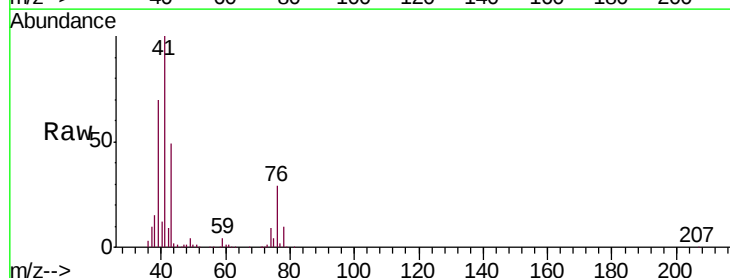
Tgt Ion: 41 Resp: 372574

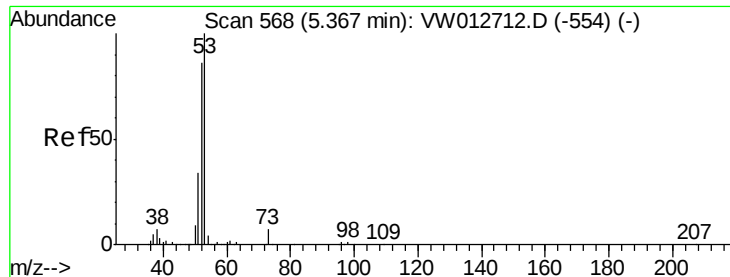
Ion Ratio Lower Upper

41 100

39 68.4 55.0 82.6

76 28.4 23.0 34.4





#15

Acrylonitrile

Concen: 563.614 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

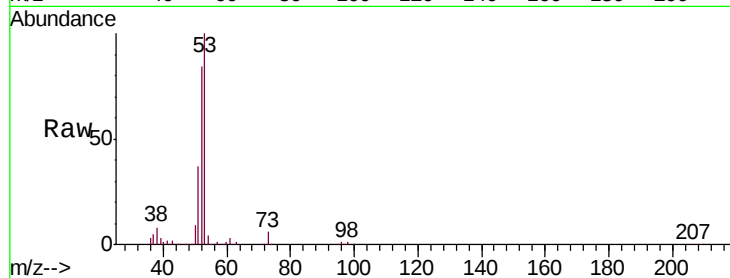
Tgt Ion: 53 Resp: 350249

Ion Ratio Lower Upper

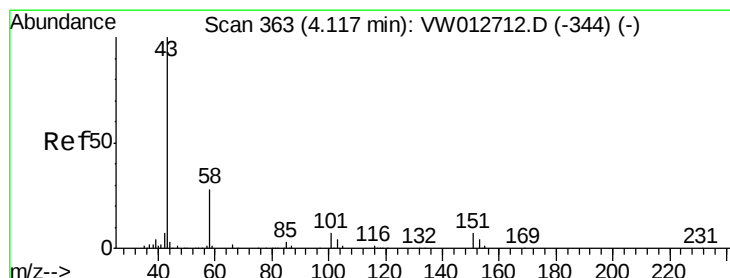
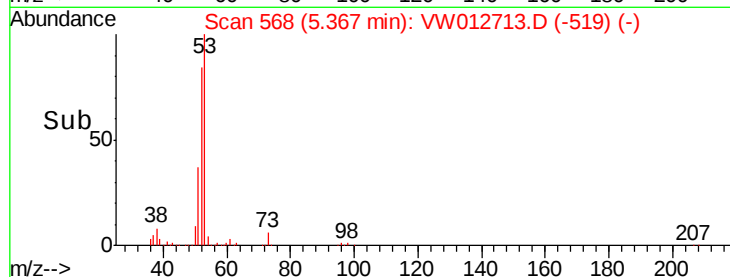
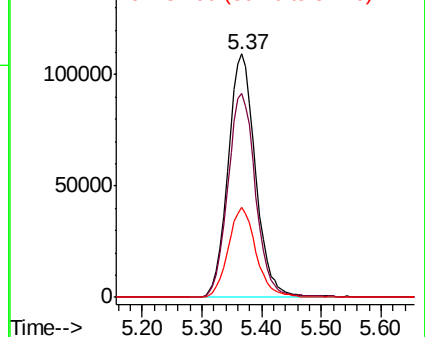
53 100

52 84.7 67.0 100.4

51 37.3 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW
150000 Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 563.752 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012713.D

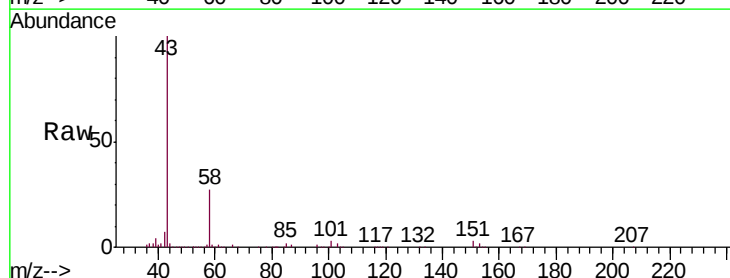
Acq: 07 Sep 2019 11:30

Tgt Ion: 43 Resp: 389956

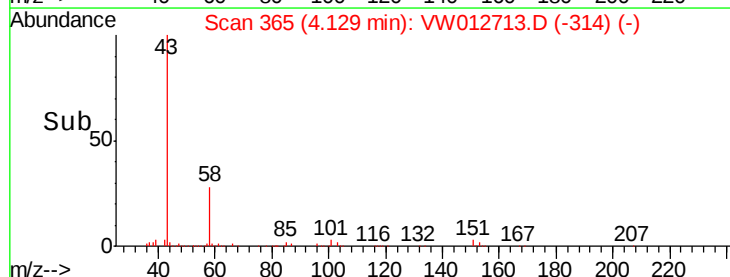
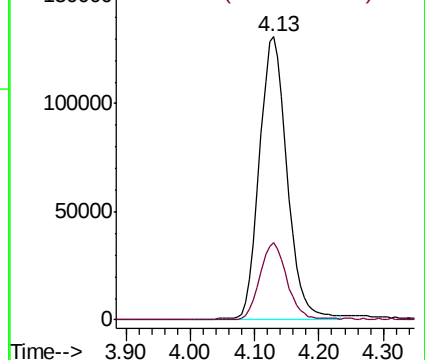
Ion Ratio Lower Upper

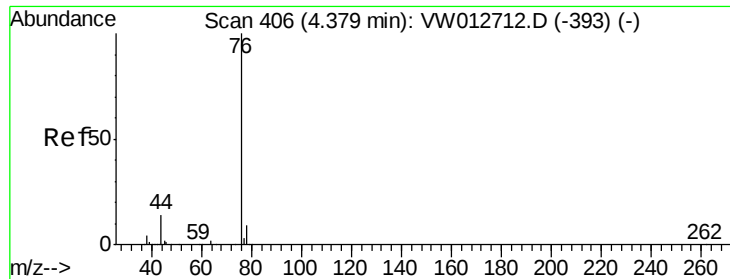
43 100

58 27.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW
150000 Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 91.132 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

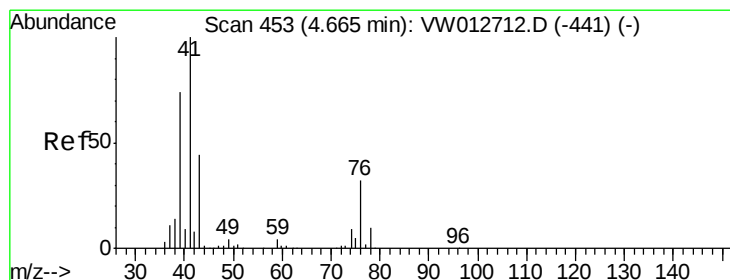
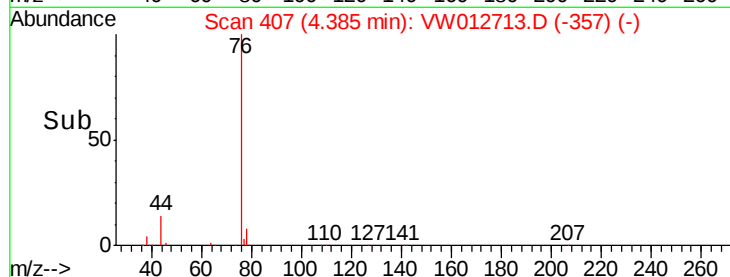
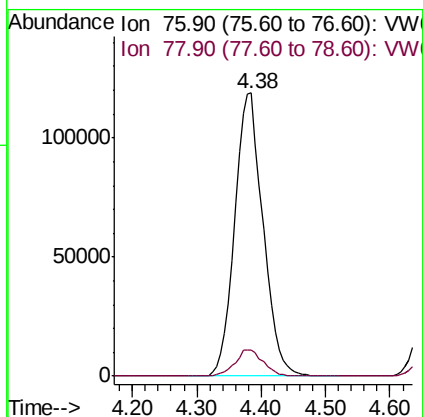
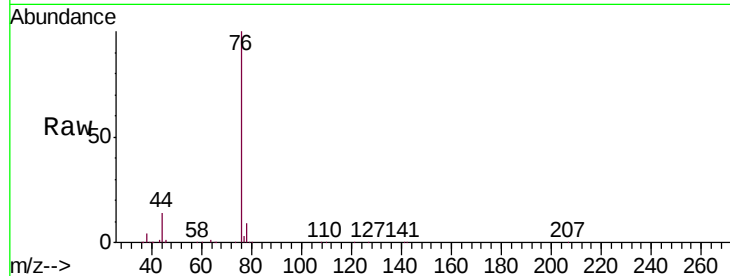
VSTDIC100

Tgt Ion: 76 Resp: 362766

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 109.776 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012713.D

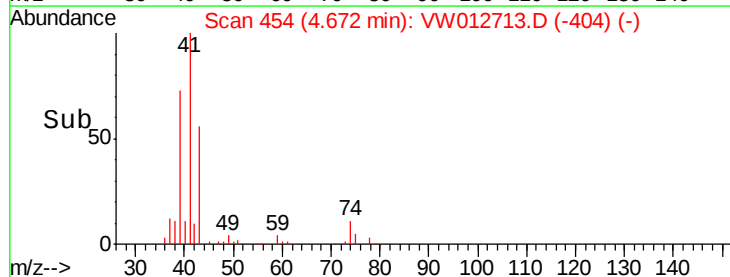
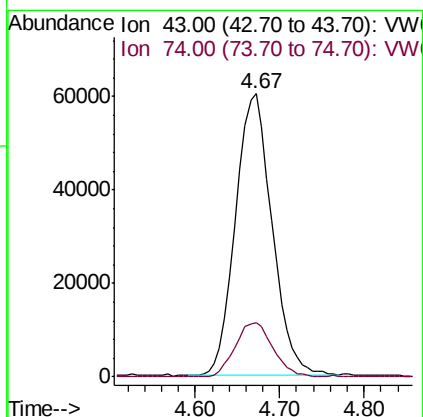
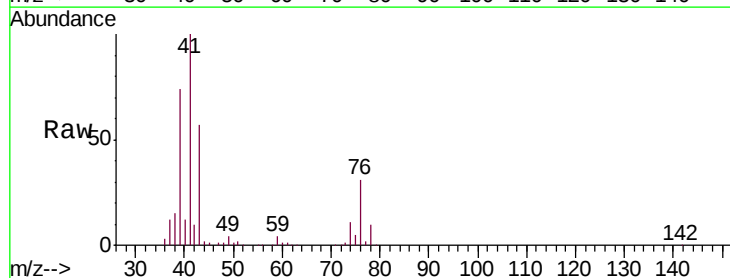
Acq: 07 Sep 2019 11:30

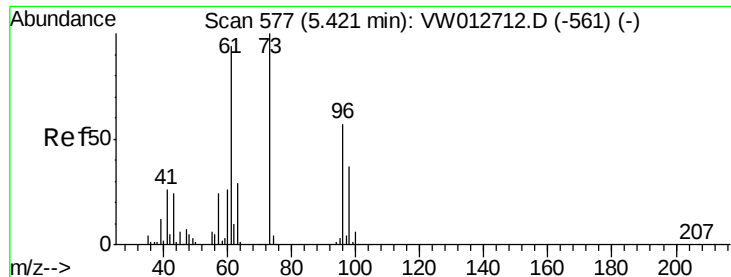
Tgt Ion: 43 Resp: 178153

Ion Ratio Lower Upper

43 100

74 20.0 15.8 23.6

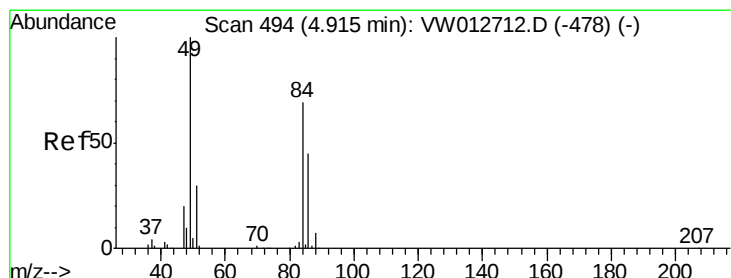
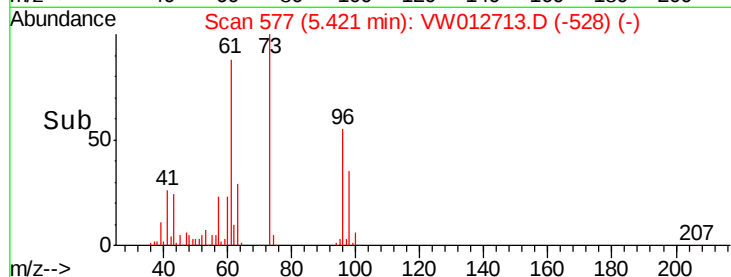
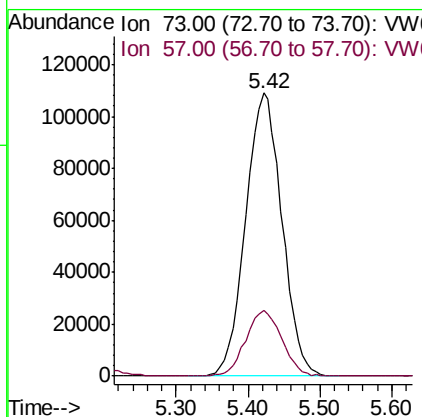
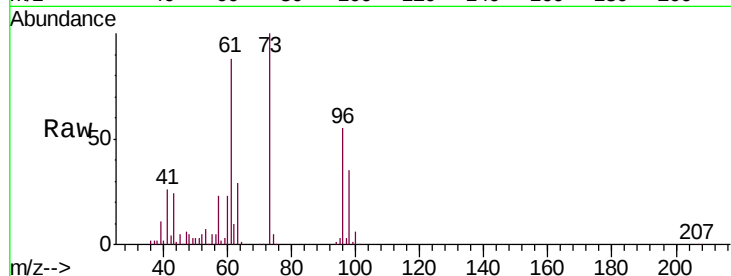




#19
Methyl tert-butyl Ether
Concen: 102.571 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

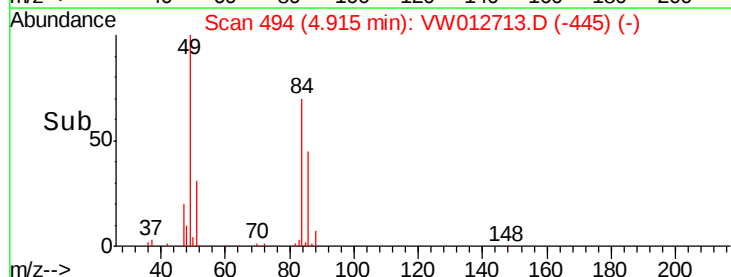
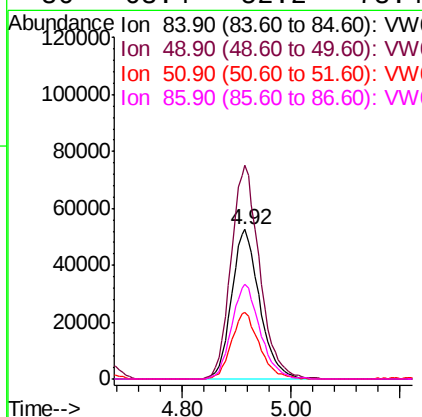
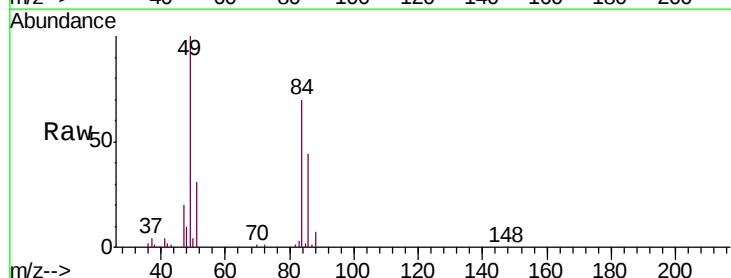
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

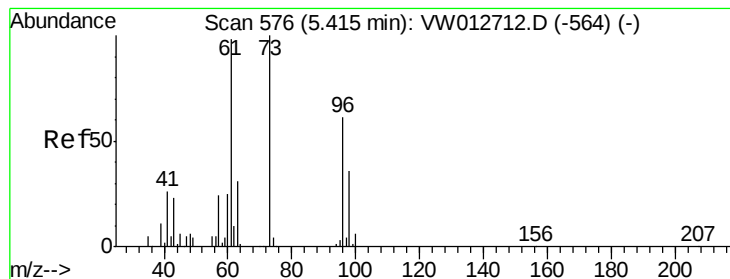
Tgt Ion: 73 Resp: 381477
Ion Ratio Lower Upper
73 100
57 23.0 19.2 28.8



#20
Methylene Chloride
Concen: 87.454 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Tgt Ion: 84 Resp: 189254
Ion Ratio Lower Upper
84 100
49 143.1 115.4 173.0
51 44.2 34.9 52.3
86 63.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 95.624 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

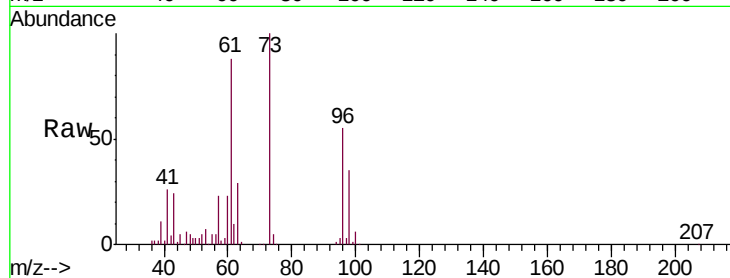
Tgt Ion: 96 Resp: 182976

Ion Ratio Lower Upper

96 100

61 159.2 129.2 193.8

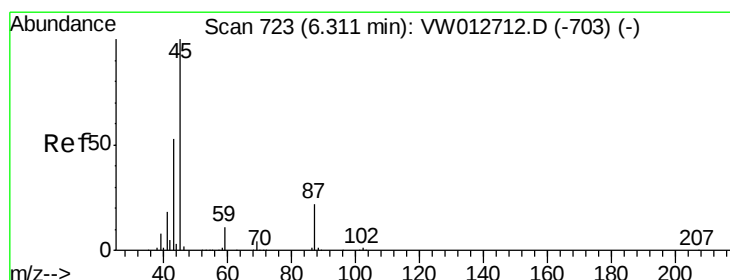
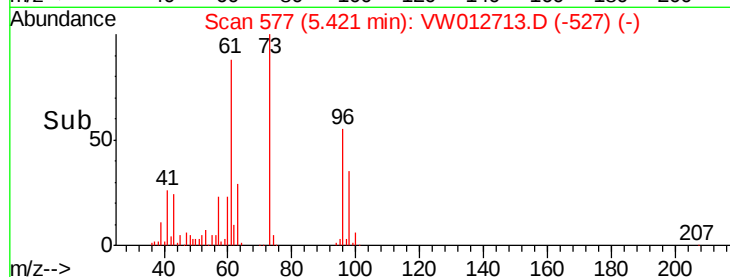
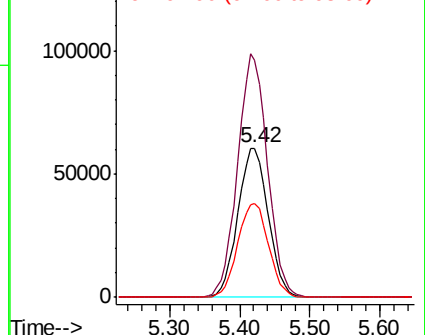
98 62.6 48.0 72.0



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: 97.237 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Tgt Ion: 45 Resp: 748160

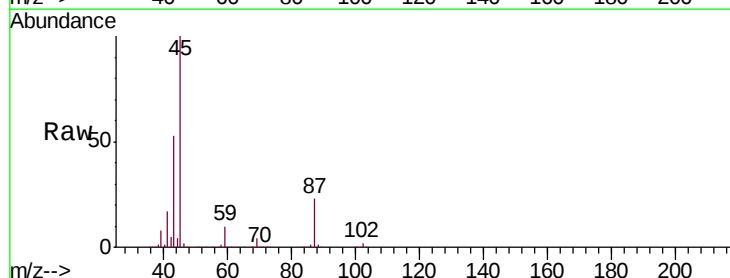
Ion Ratio Lower Upper

45 100

43 53.2 42.3 63.5

87 22.5 18.2 27.2

59 10.3 8.5 12.7

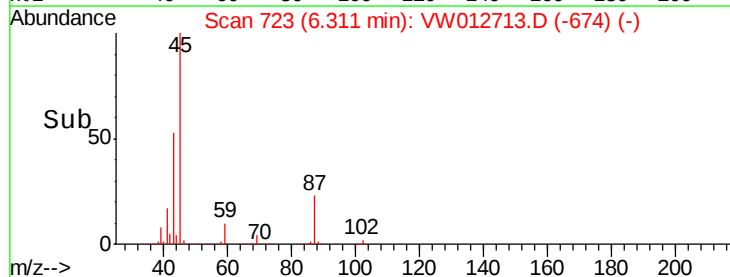
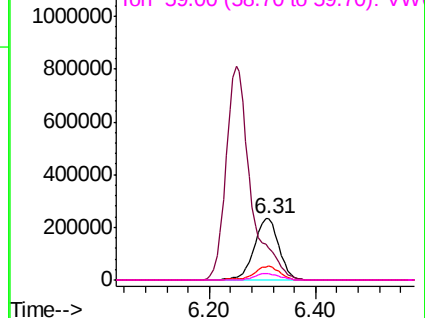


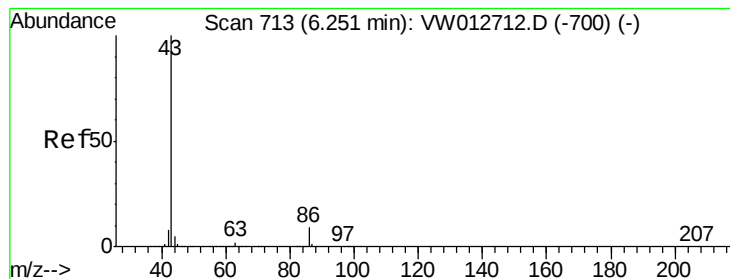
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 538.750 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

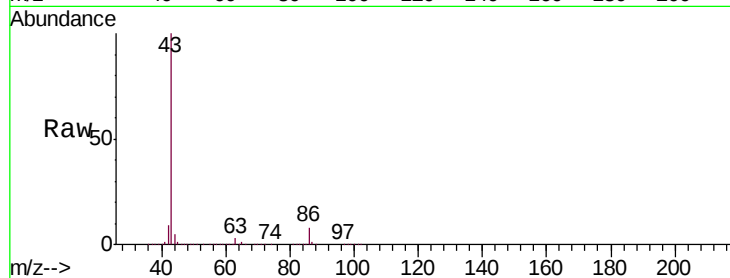
VSTDIC100

Tgt Ion: 43 Resp: 2627033

Ion Ratio Lower Upper

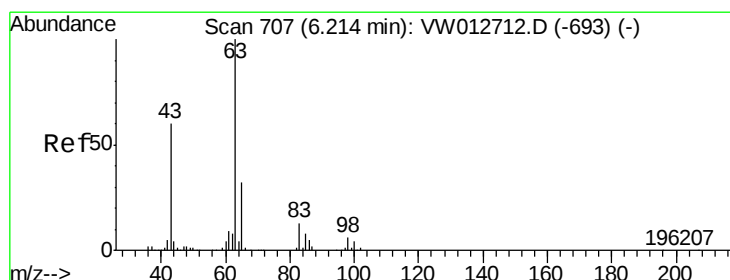
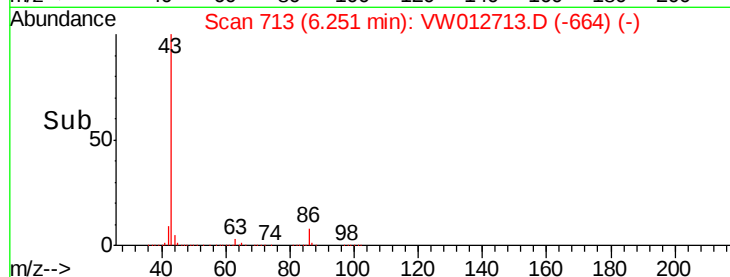
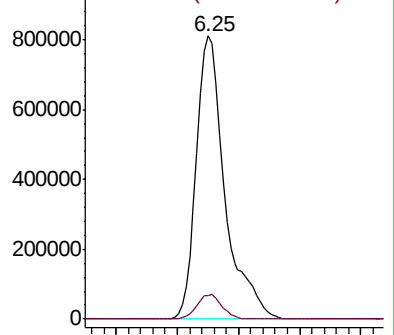
43 100

86 8.5 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 96.032 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

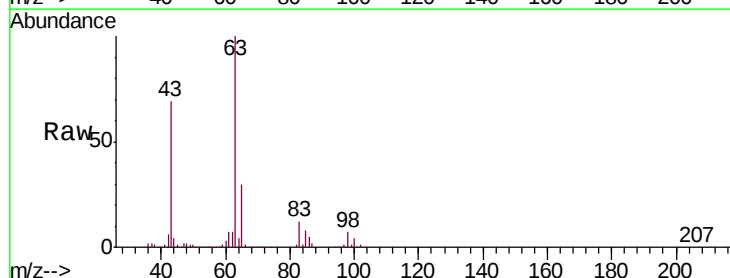
Tgt Ion: 63 Resp: 397847

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

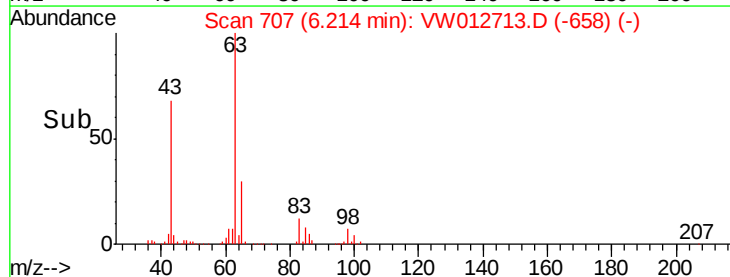
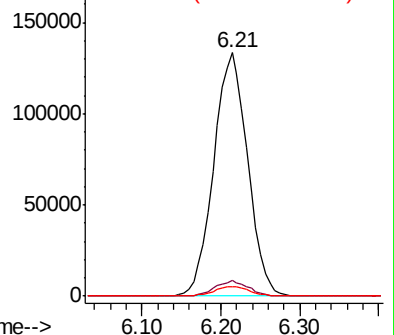
100 4.0 1.8 5.5

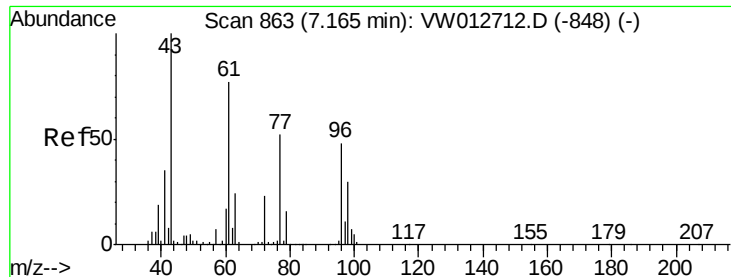


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 572.140 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

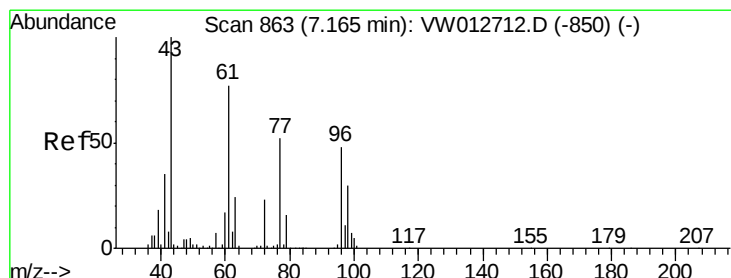
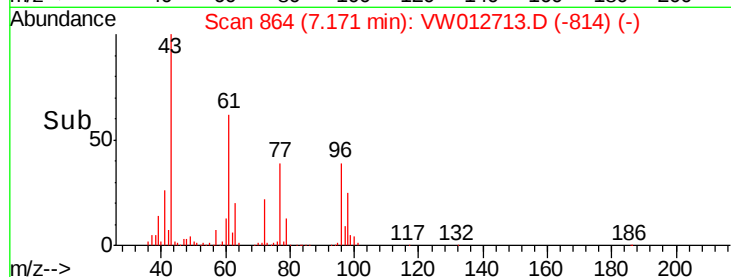
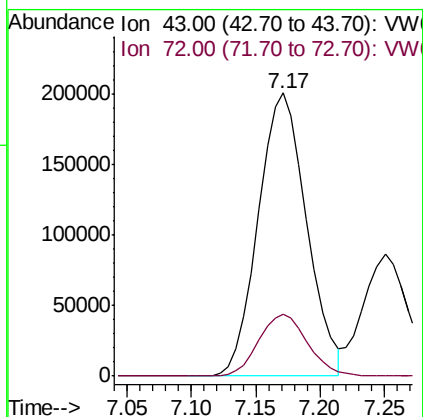
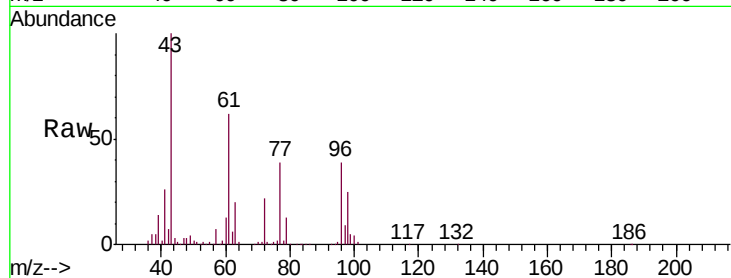
VSTDIC100

Tgt Ion: 43 Resp: 522392

Ion Ratio Lower Upper

43 100

72 21.8 18.0 27.0



#26

2,2-Dichloropropane

Concen: 94.294 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012713.D

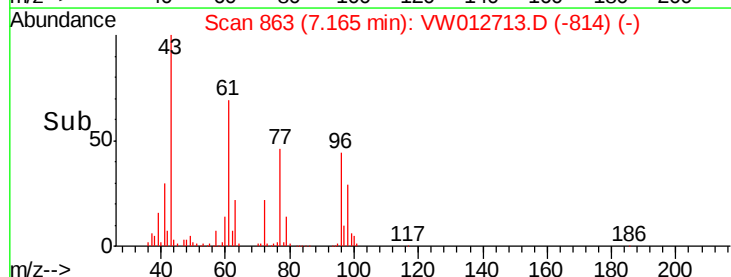
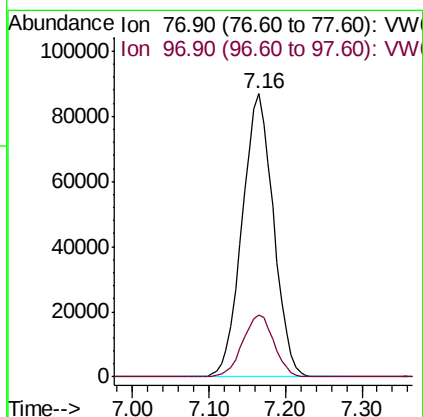
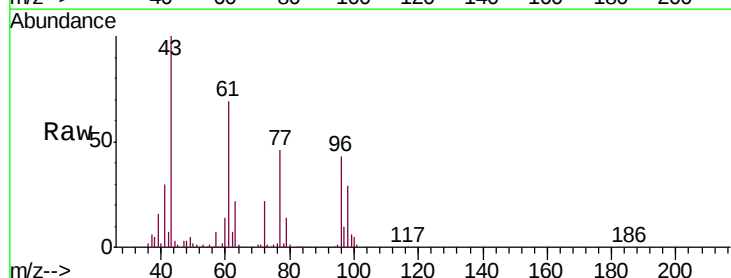
Acq: 07 Sep 2019 11:30

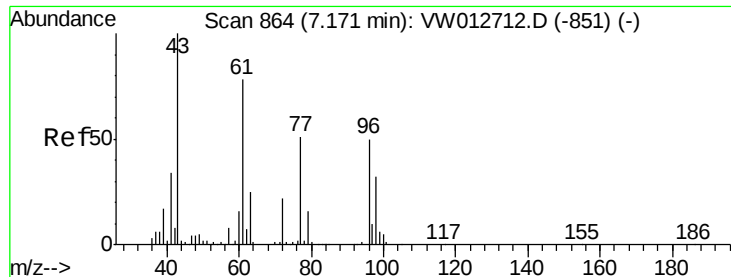
Tgt Ion: 77 Resp: 246730

Ion Ratio Lower Upper

77 100

97 21.9 10.7 32.1



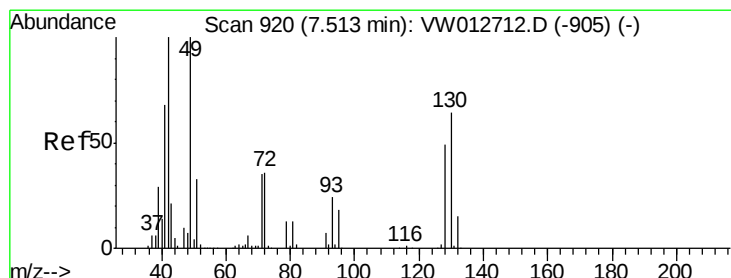
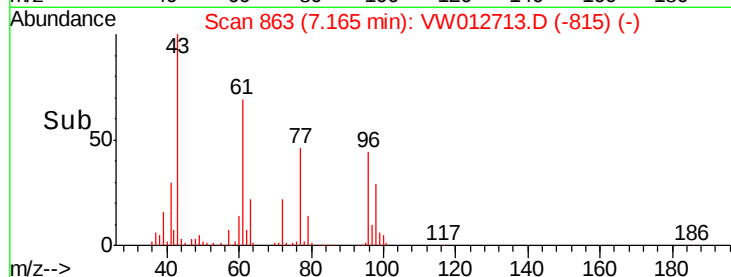
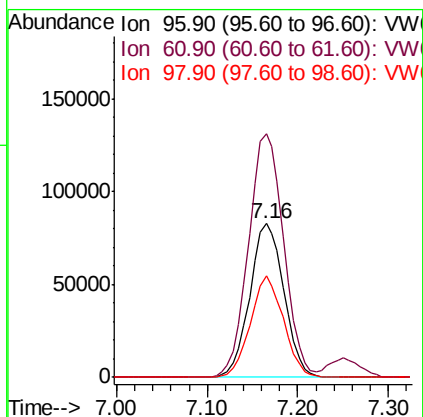
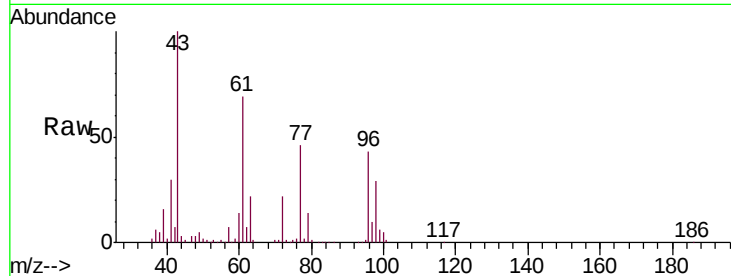


#27

cis-1,2-Dichloroethene
 Concen: 97.453 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

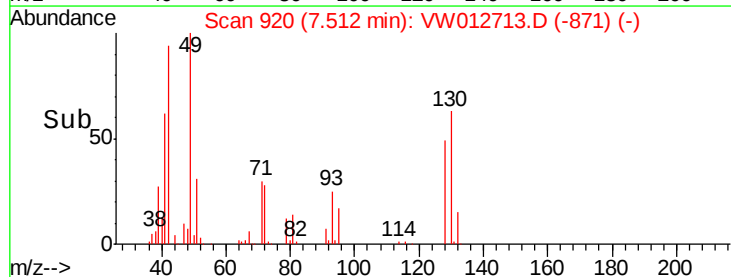
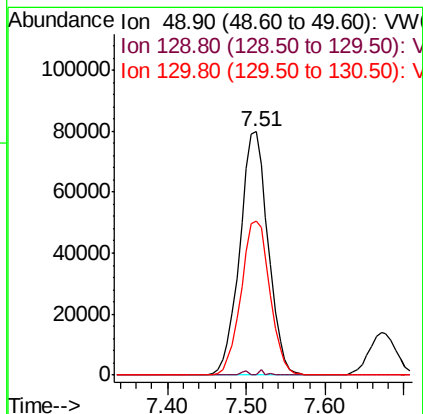
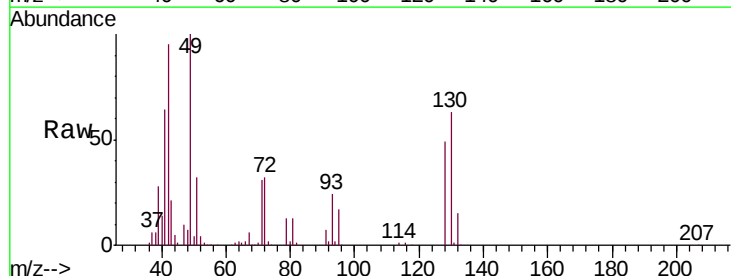
Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.7	0.0	325.8
98	63.6	0.0	127.0



#28

Bromochloromethane
 Concen: 104.768 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	0.8
130	64.5	49.8	74.8

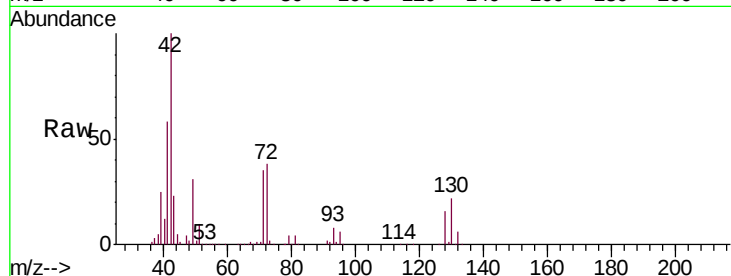




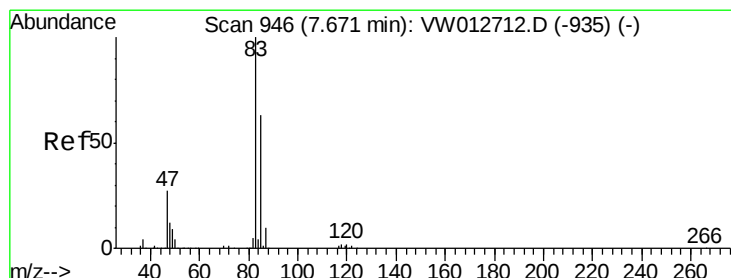
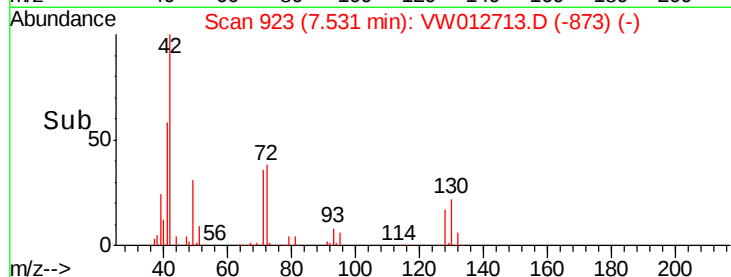
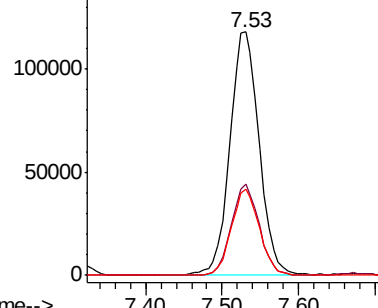
#29
Tetrahydrofuran
Concen: 563.159 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 314574
Ion Ratio Lower Upper
42 100
72 35.8 28.4 42.6
71 34.1 27.1 40.7

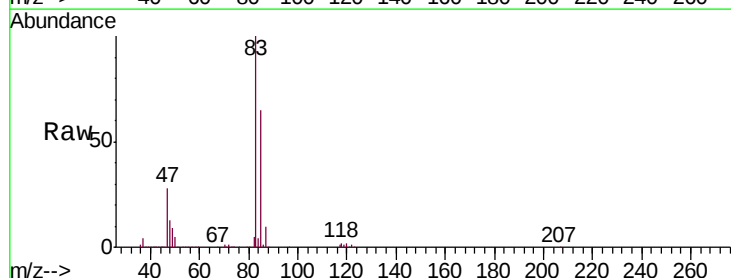


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

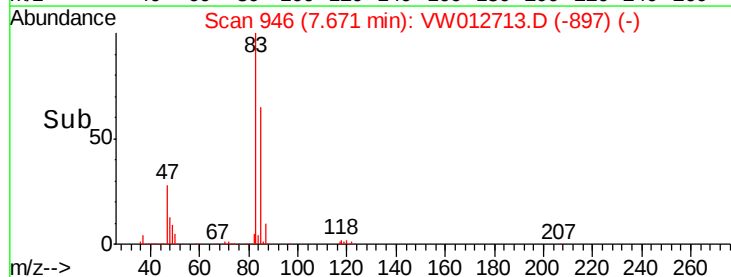
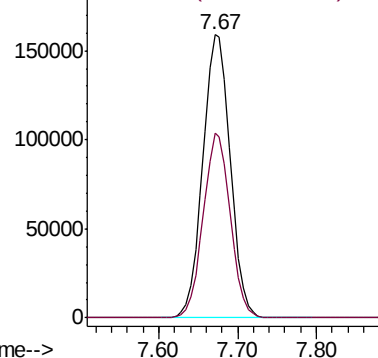


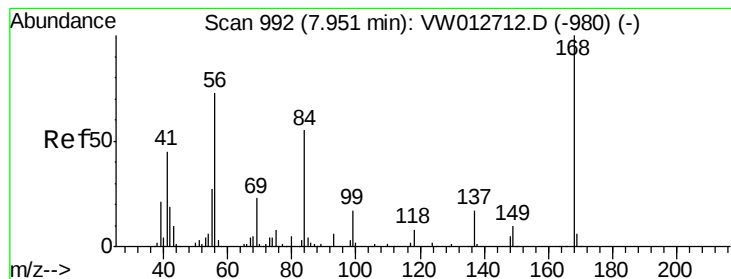
#30
Chloroform
Concen: 93.672 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Tgt Ion: 83 Resp: 384602
Ion Ratio Lower Upper
83 100
85 65.5 50.6 76.0



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





#31

Cyclohexane

Concen: 87.233 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

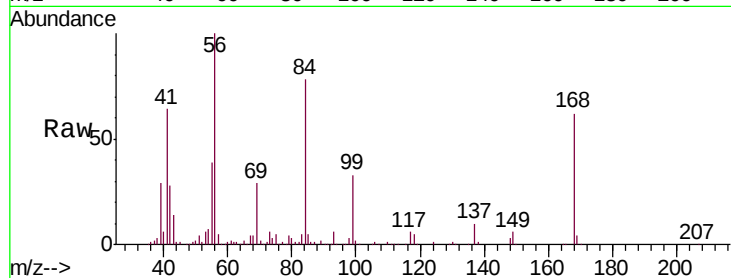
Tgt Ion: 56 Resp: 325351

Ion Ratio Lower Upper

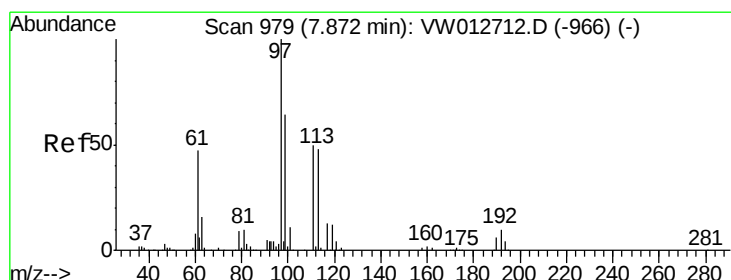
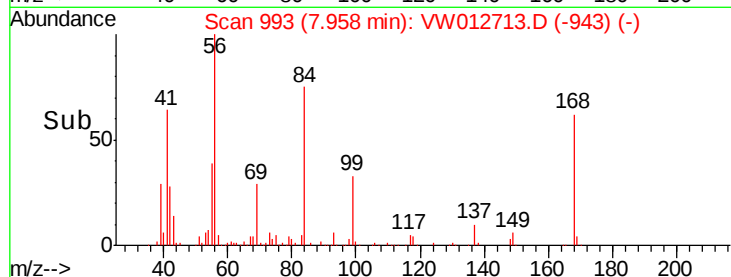
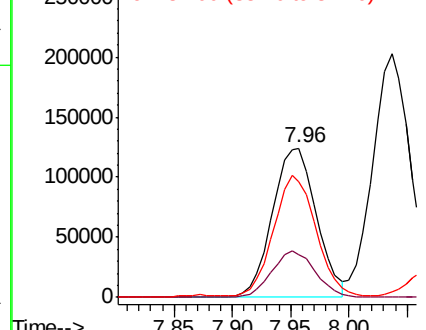
56 100

69 28.9 25.7 38.5

84 76.2 60.4 90.6



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: 96.226 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

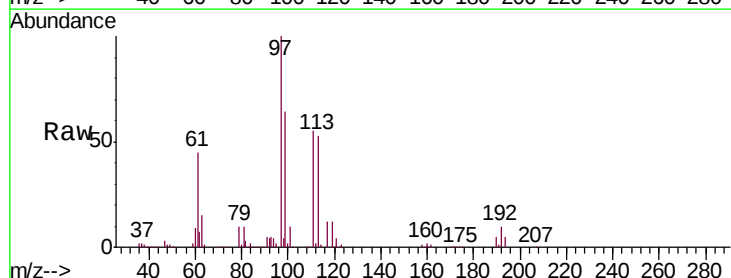
Tgt Ion: 97 Resp: 320255

Ion Ratio Lower Upper

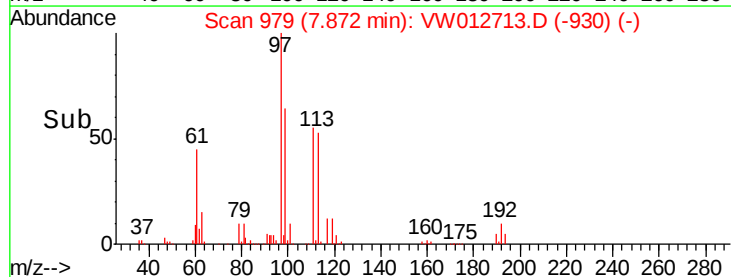
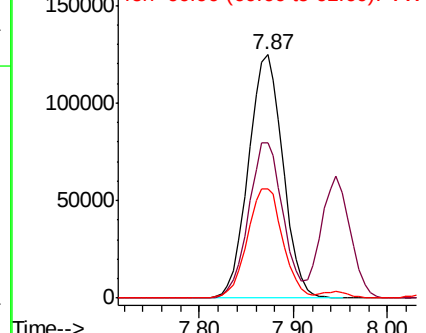
97 100

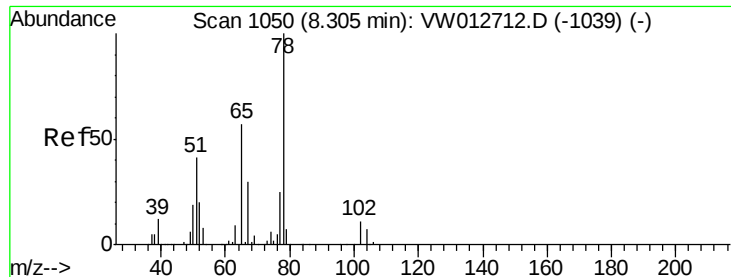
99 63.5 51.5 77.3

61 46.1 37.9 56.9



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

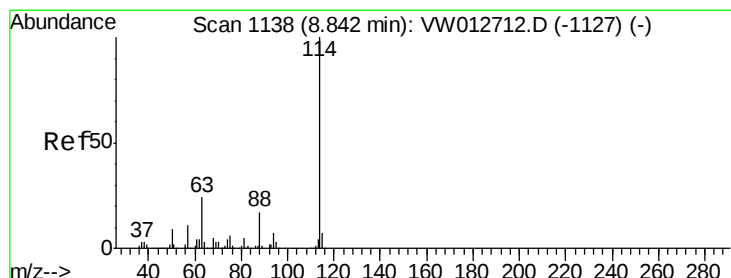
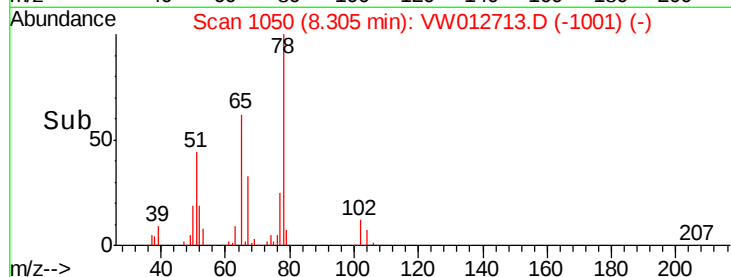
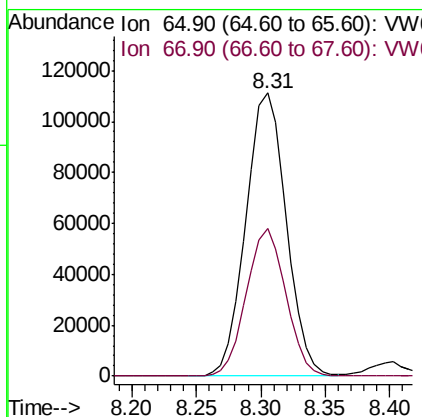
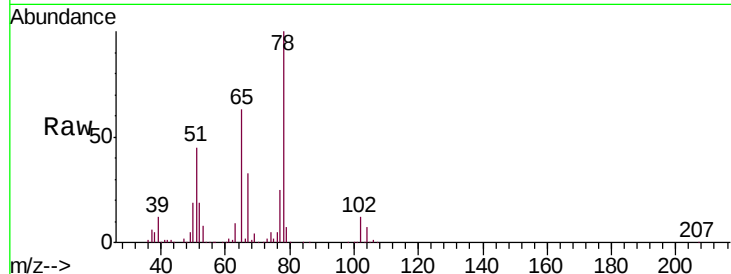




#33
 1,2-Dichloroethane-d4
 Concen: 95.340 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

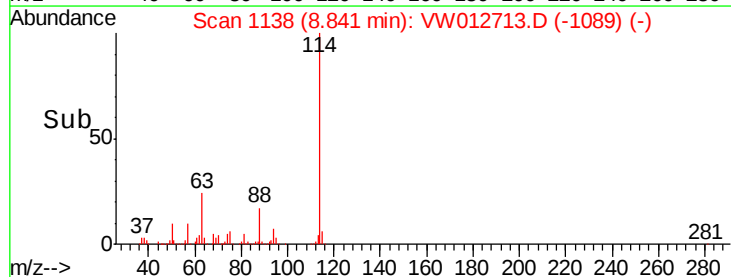
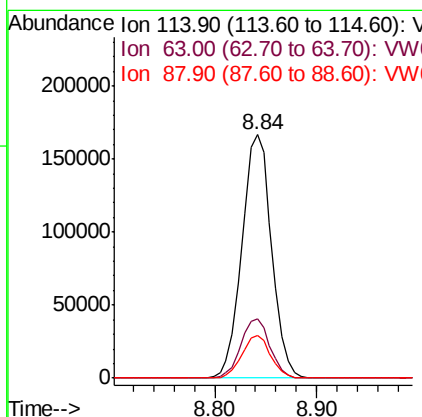
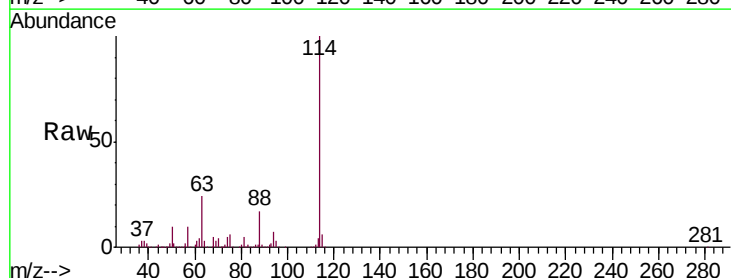
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 65 Resp: 241904
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion: 114 Resp: 335148
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 47.2
 88 17.4 0.0 34.0

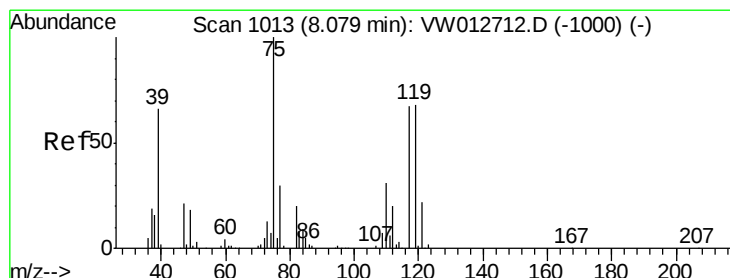
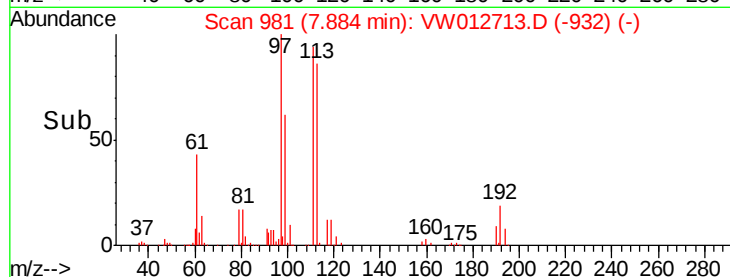
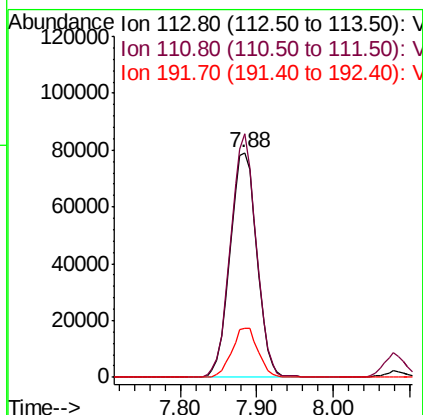
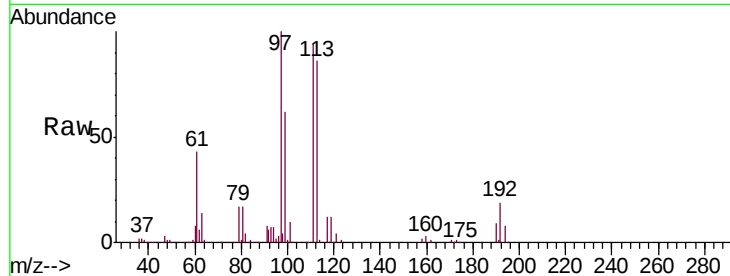




#35
 Dibromofluoromethane
 Concen: 96.272 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

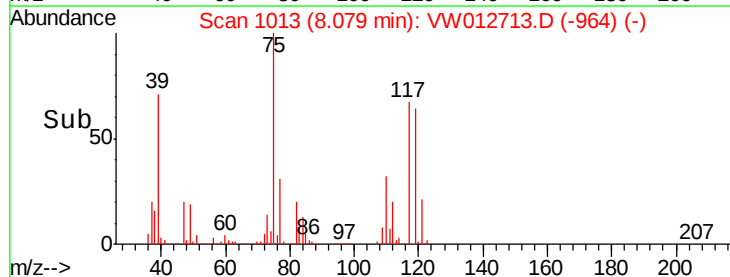
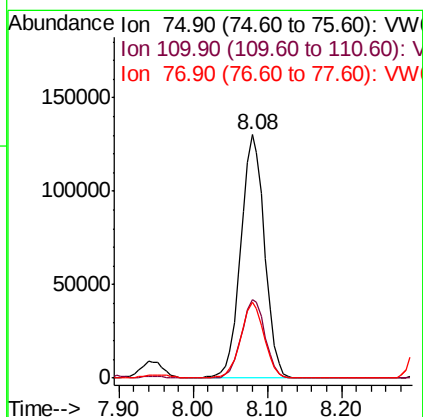
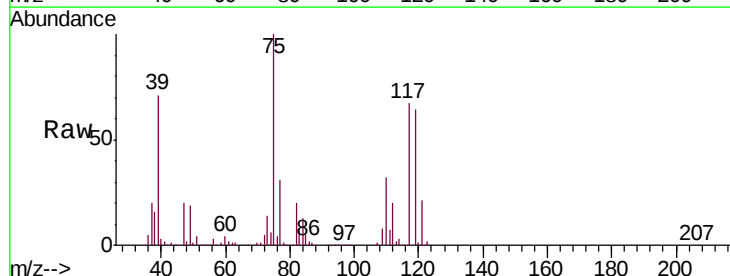
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

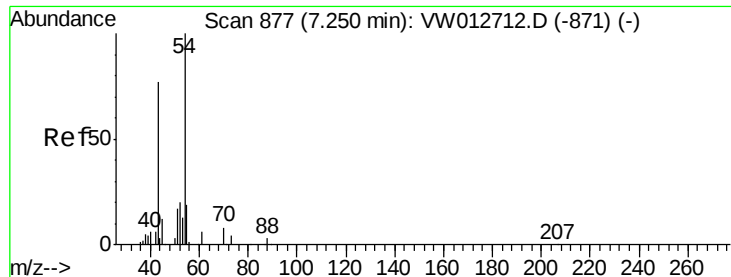
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.2	120.4
192	21.4	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 97.999 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.2	15.9	47.7
77	30.8	25.0	37.4

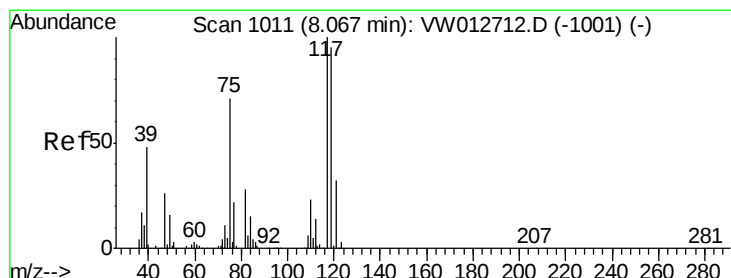
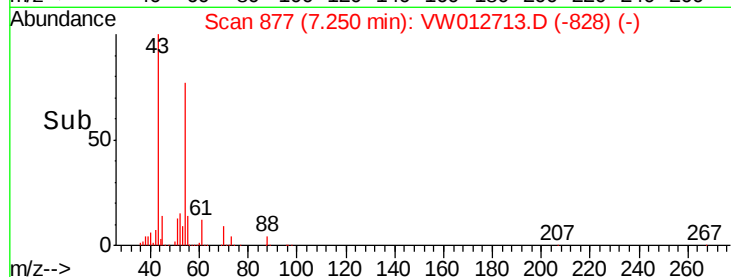
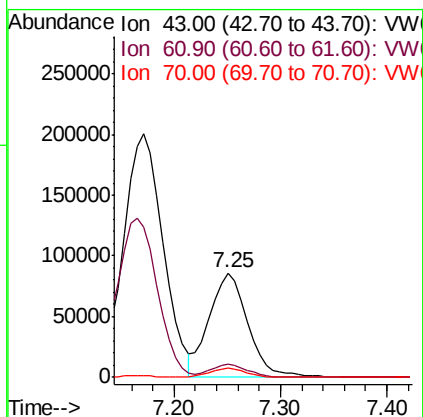
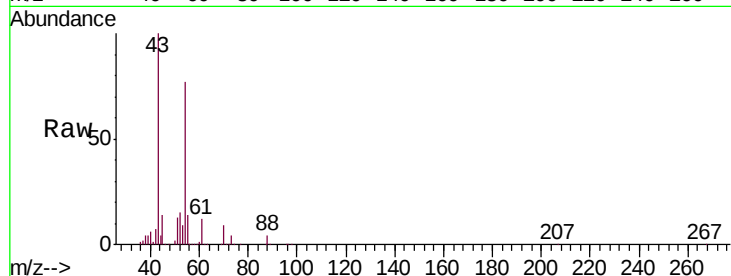




#37
Ethyl Acetate
Concen: 112.874 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

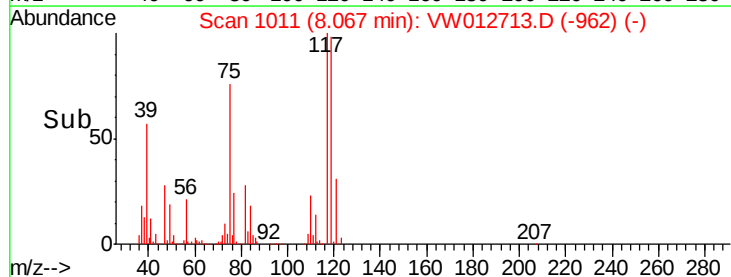
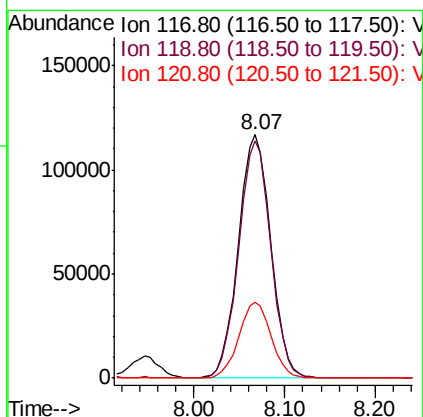
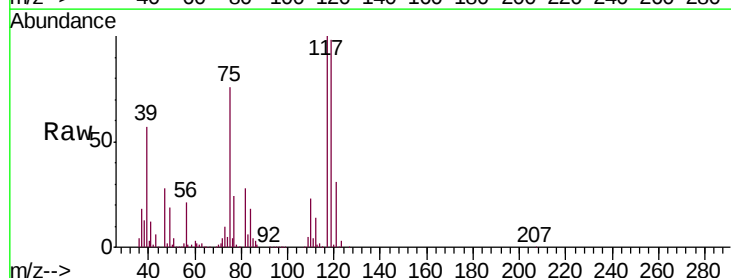
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

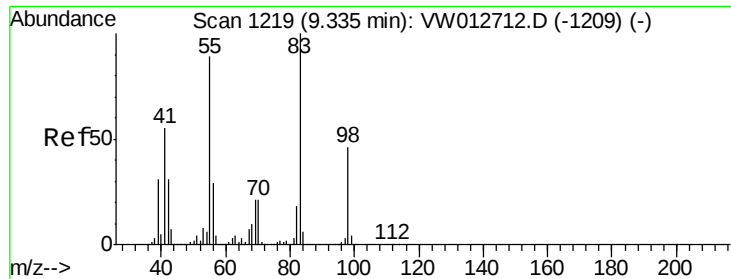
Tgt Ion: 43 Resp: 214271
Ion Ratio Lower Upper
43 100
61 12.0 9.5 14.3
70 8.6 7.0 10.6



#38
Carbon Tetrachloride
Concen: 98.657 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Tgt Ion: 117 Resp: 289602
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.2
121 31.1 25.4 38.2

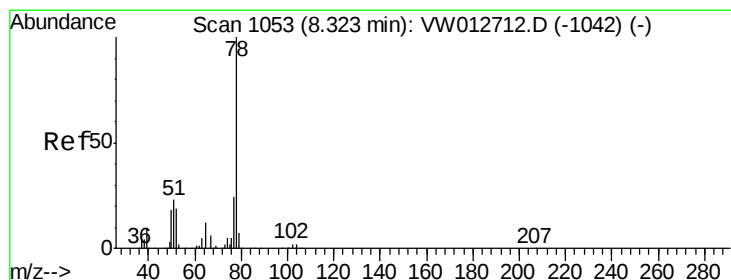
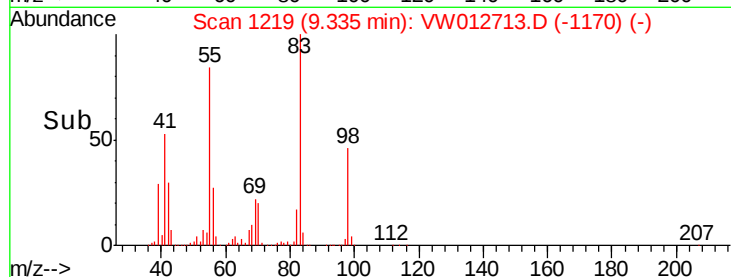
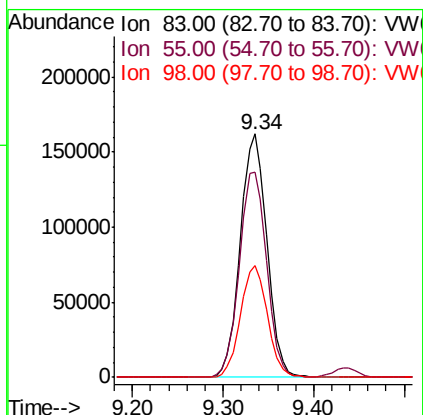
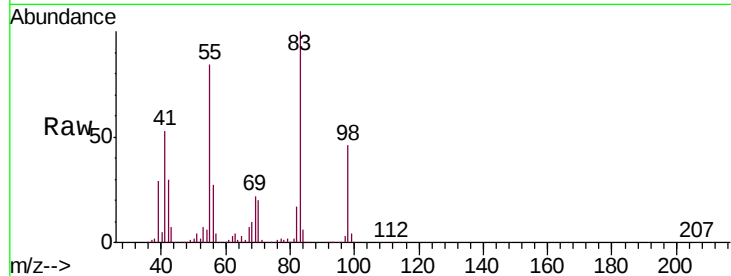




#39
Methylcyclohexane
Concen: 98.780 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

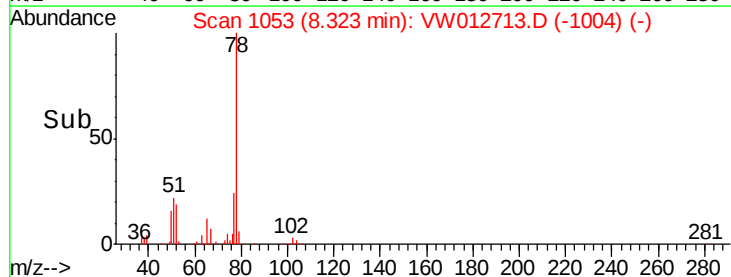
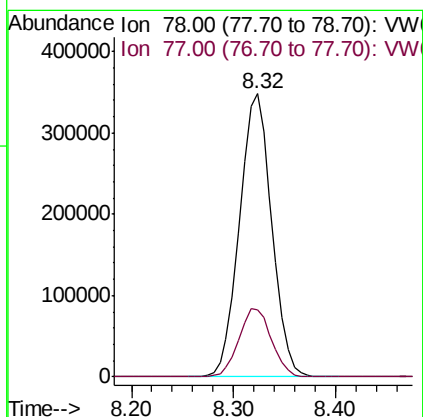
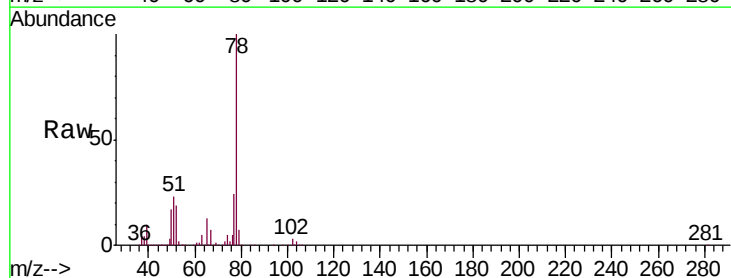
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

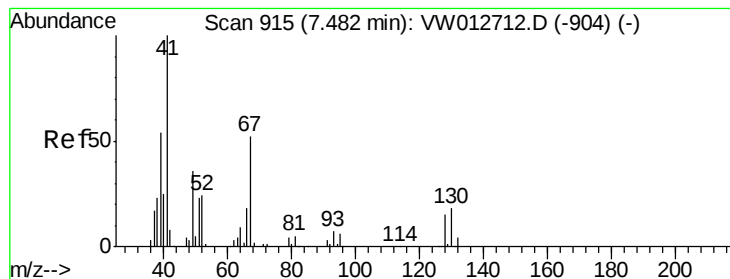
Tgt Ion: 83 Resp: 330376
Ion Ratio Lower Upper
83 100
55 84.3 71.0 106.4
98 45.8 36.9 55.3



#40
Benzene
Concen: 92.371 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Tgt Ion: 78 Resp: 763183
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41

Methacrylonitrile

Concen: 117.094 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tgt Ion: 41 Resp: 134023

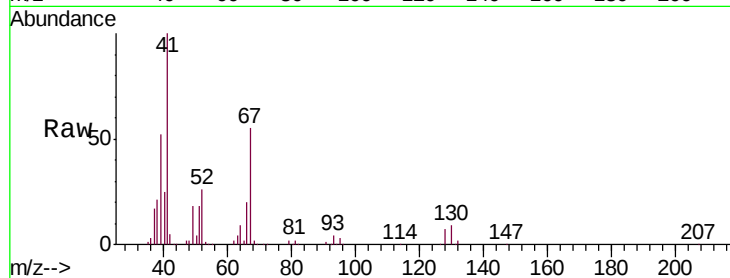
Ion Ratio Lower Upper

41 100

39 52.1 47.5 71.3

67 57.7 45.1 67.7

52 25.9 20.2 30.2

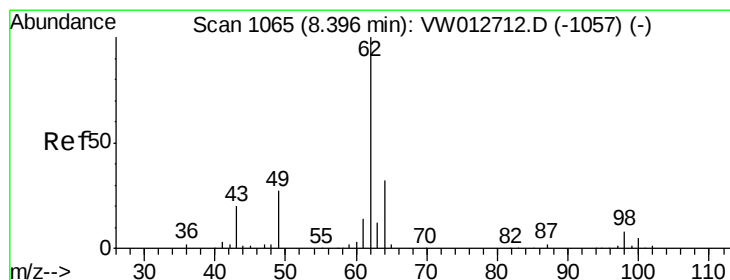
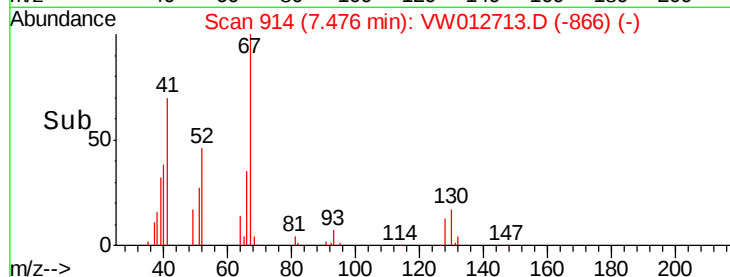
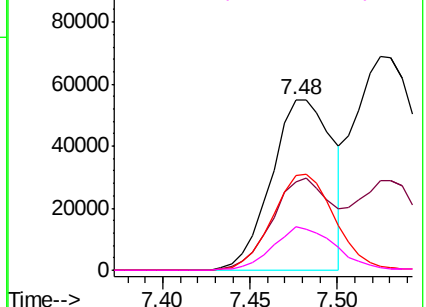


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 100.370 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012713.D

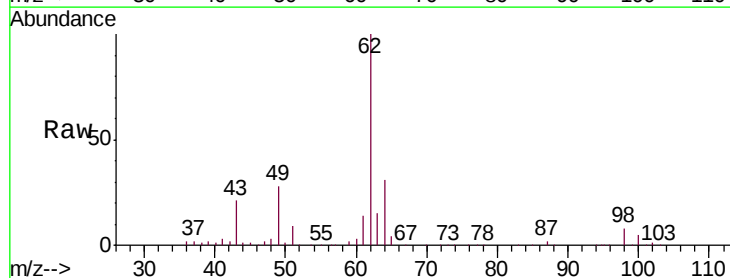
Acq: 07 Sep 2019 11:30

Tgt Ion: 62 Resp: 291852

Ion Ratio Lower Upper

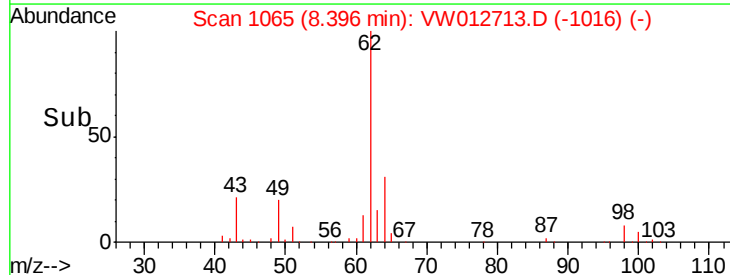
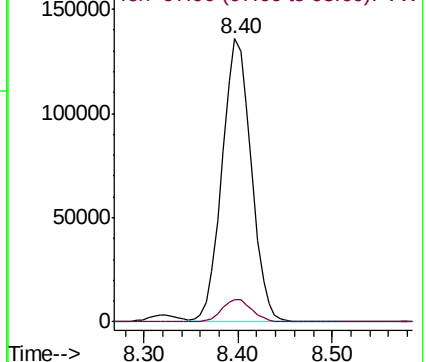
62 100

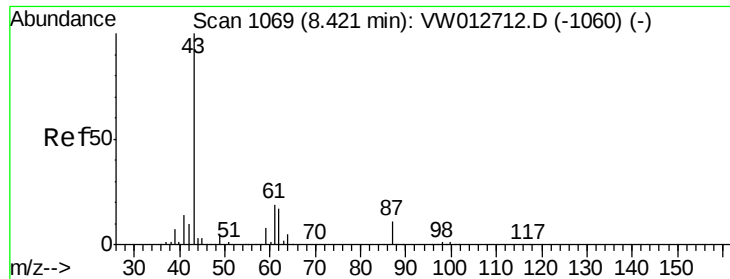
98 8.1 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 111.547 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

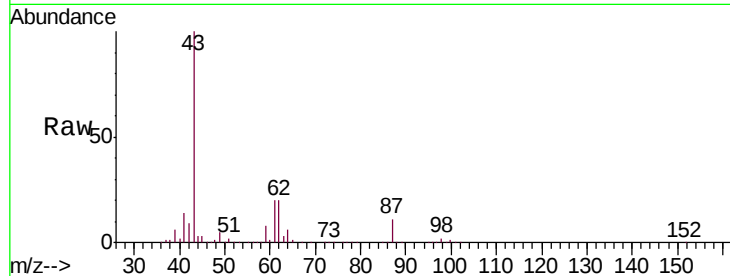
Tgt Ion: 43 Resp: 401177

Ion Ratio Lower Upper

43 100

61 24.9 20.6 30.8

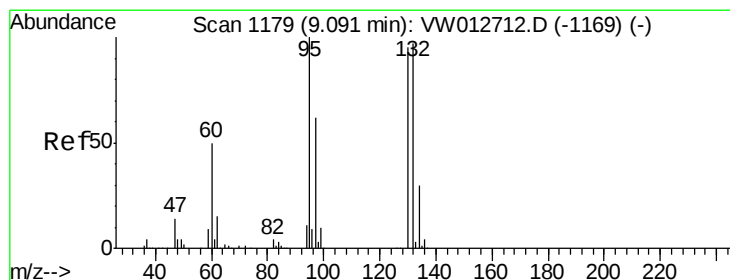
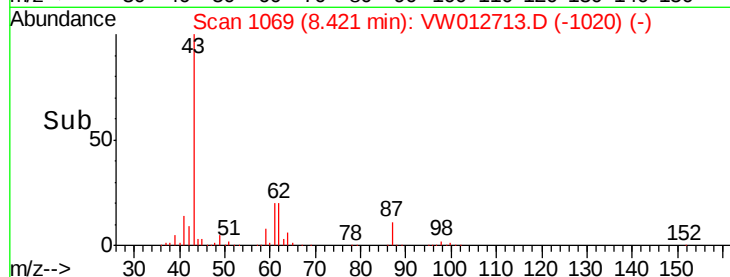
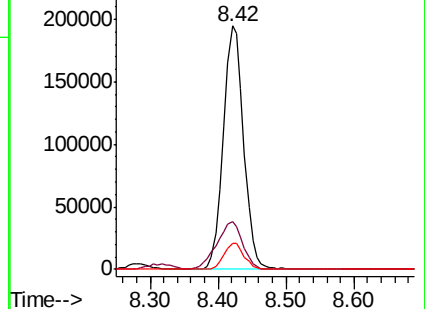
87 10.7 8.6 13.0



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: 97.827 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012713.D

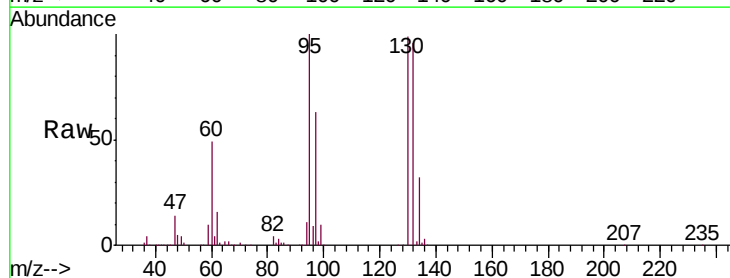
Acq: 07 Sep 2019 11:30

Tgt Ion: 130 Resp: 208345

Ion Ratio Lower Upper

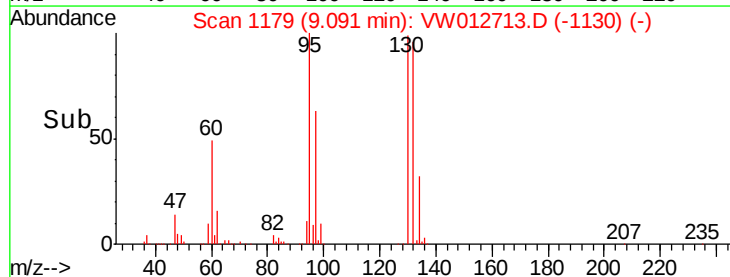
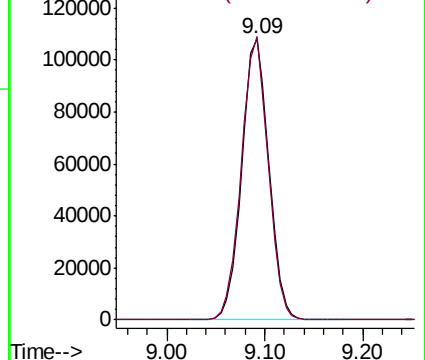
130 100

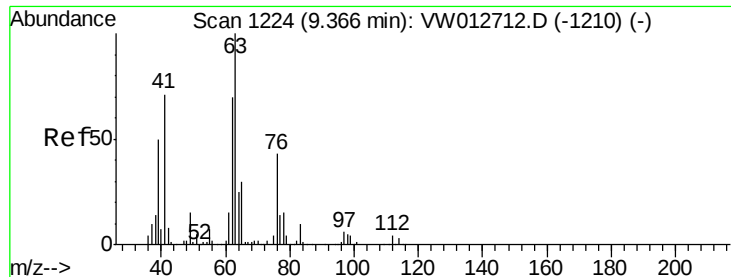
95 100.7 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

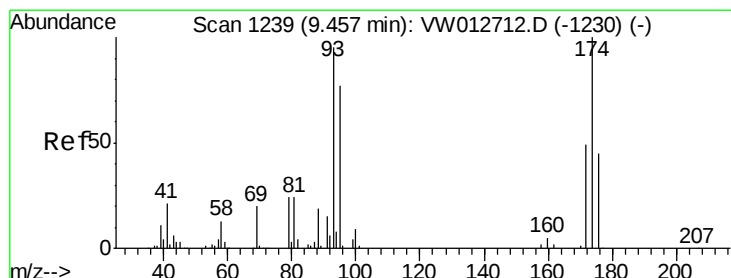
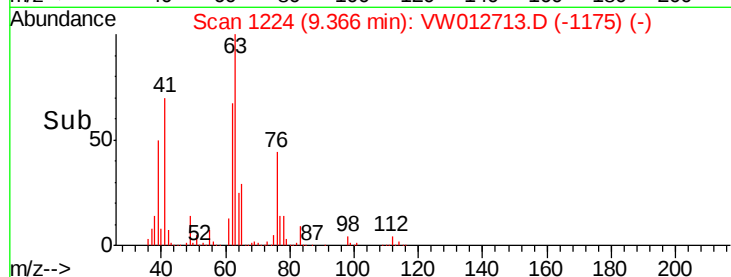
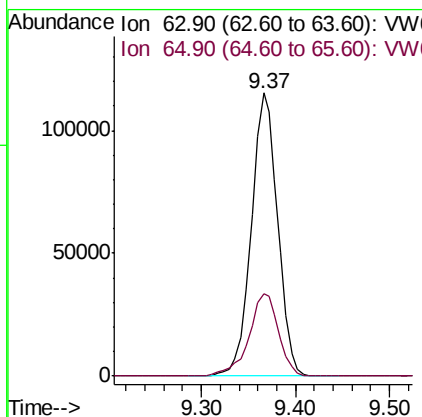
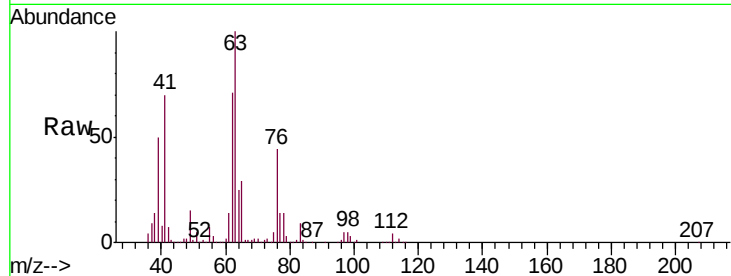




#45
 1,2-Dichloropropane
 Concen: 98.855 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

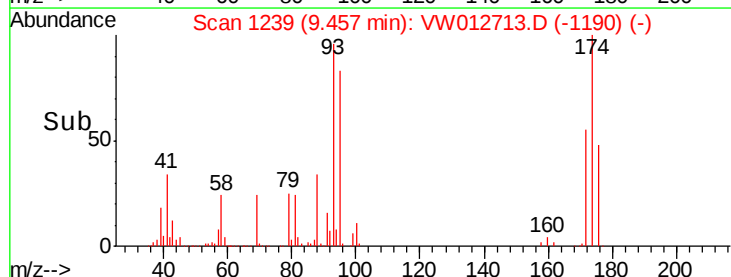
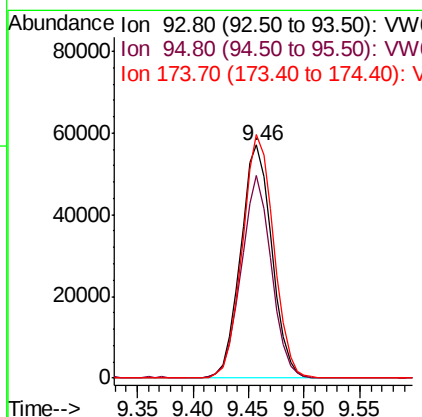
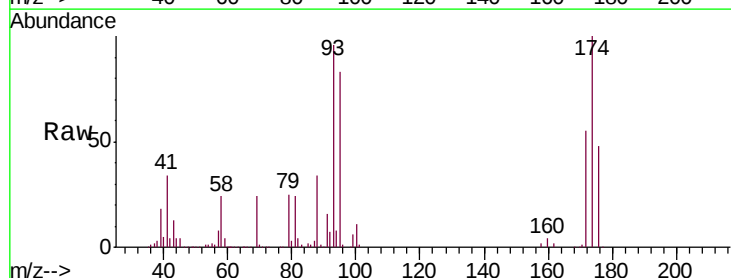
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

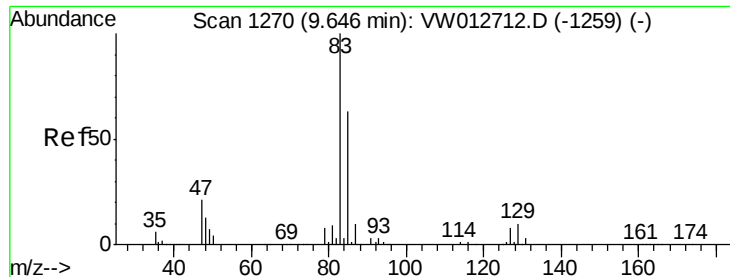
Tgt Ion: 63 Resp: 226529
 Ion Ratio Lower Upper
 63 100
 65 29.0 23.8 35.8



#46
 Dibromomethane
 Concen: 102.331 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion: 93 Resp: 111042
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.2 97.8
 174 105.1 84.2 126.4





#47

Bromodichloromethane

Concen: 100.053 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

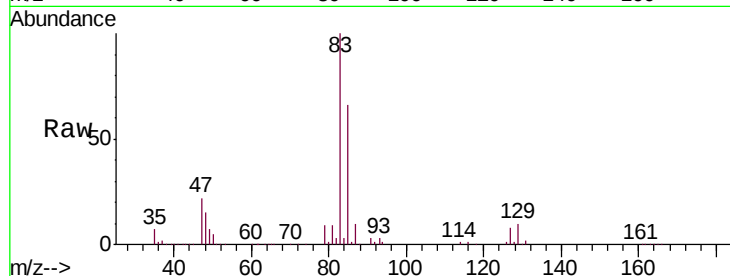
Tgt Ion: 83 Resp: 298701

Ion Ratio Lower Upper

83 100

85 65.7 50.2 75.2

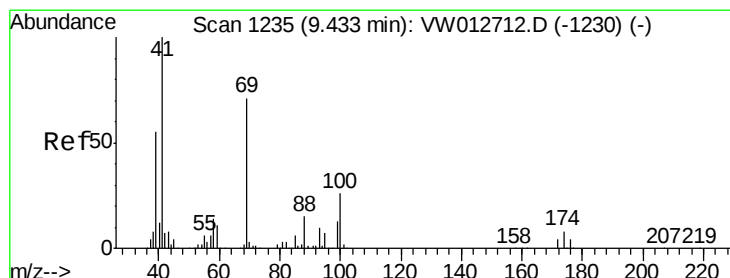
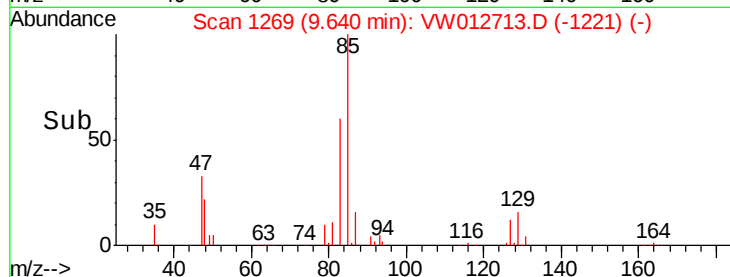
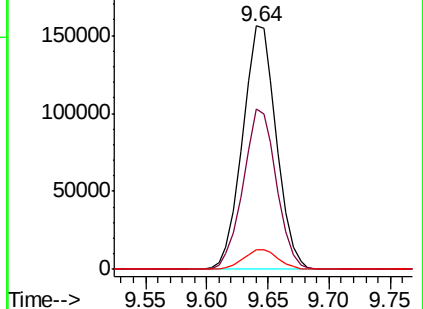
127 8.0 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 112.596 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

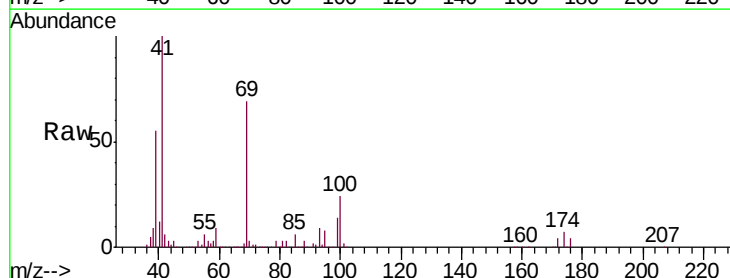
Tgt Ion: 41 Resp: 193521

Ion Ratio Lower Upper

41 100

69 72.5 59.8 89.8

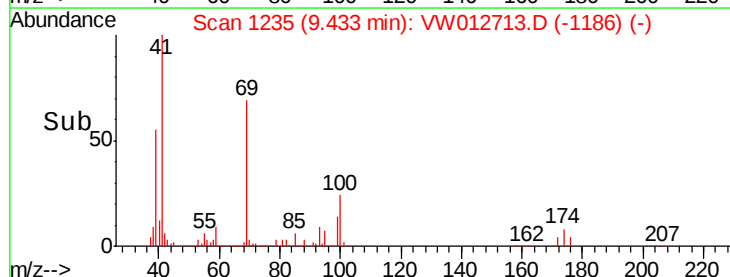
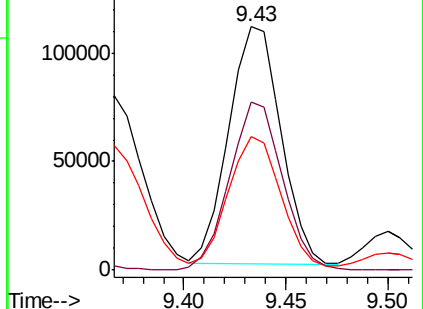
39 54.2 47.0 70.6

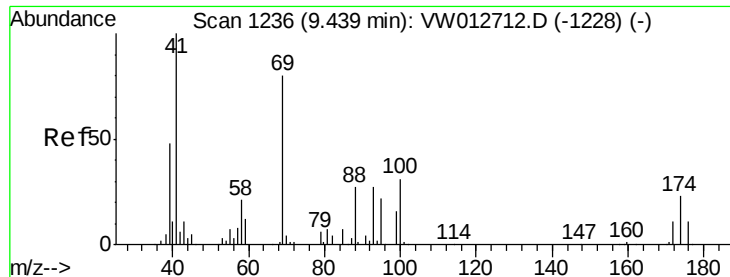


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 2201.782 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.02 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

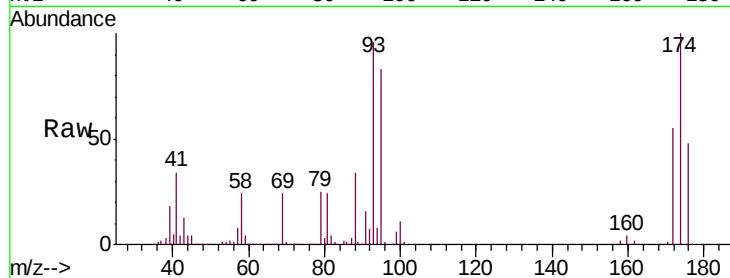
Tgt Ion: 88 Resp: 47194

Ion Ratio Lower Upper

88 100

43 0.0 34.8 52.2#

58 82.9 64.1 96.1

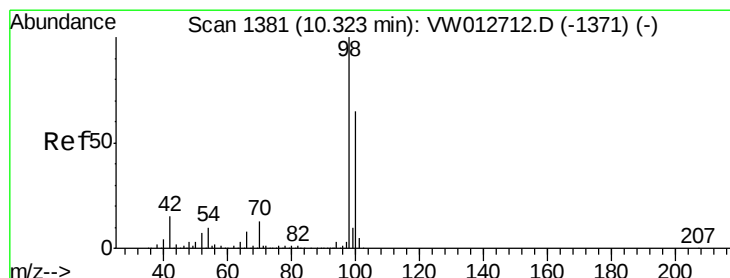
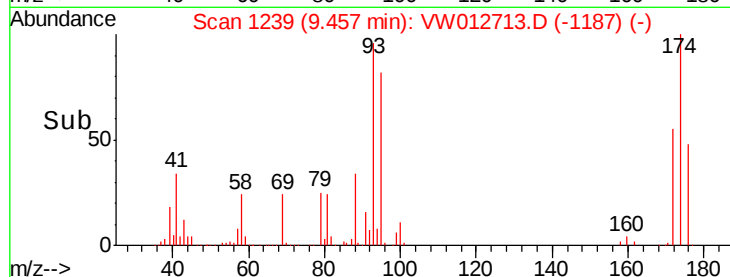
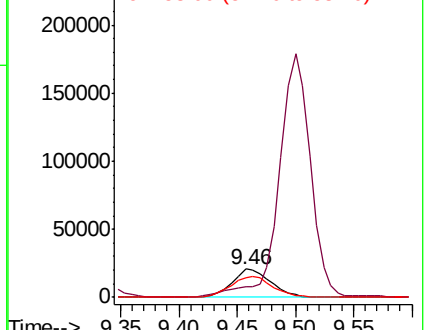


Abundance

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: 101.247 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012713.D

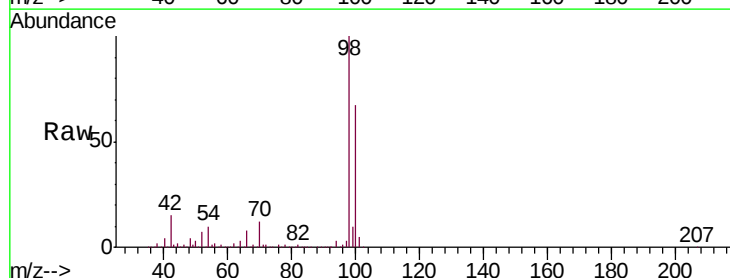
Acq: 07 Sep 2019 11:30

Tgt Ion: 98 Resp: 790369

Ion Ratio Lower Upper

98 100

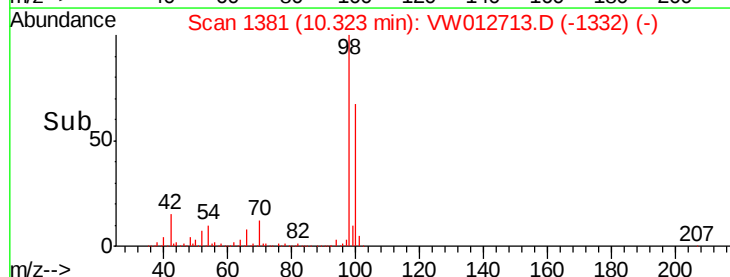
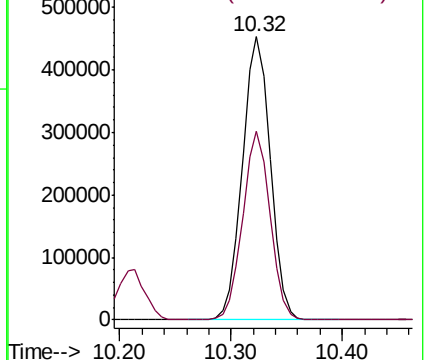
100 65.2 52.2 78.4

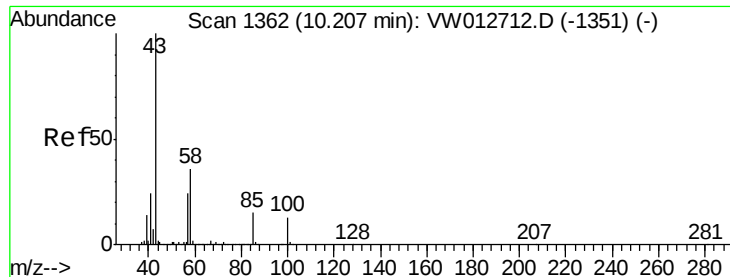


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

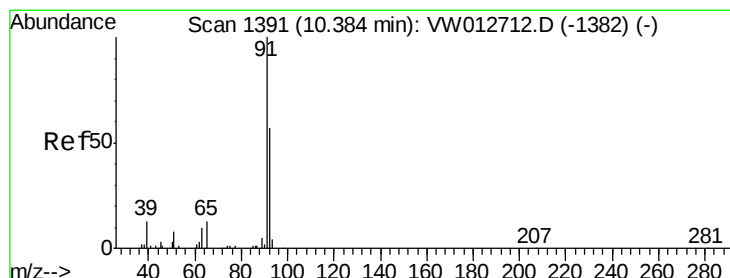
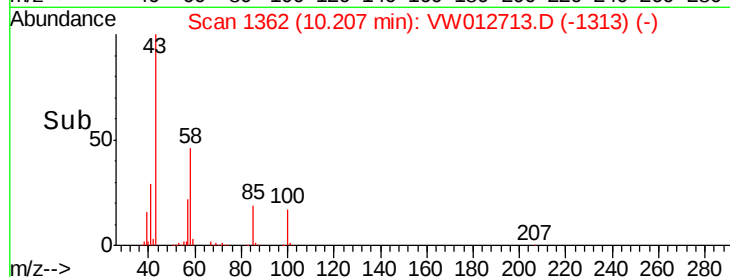
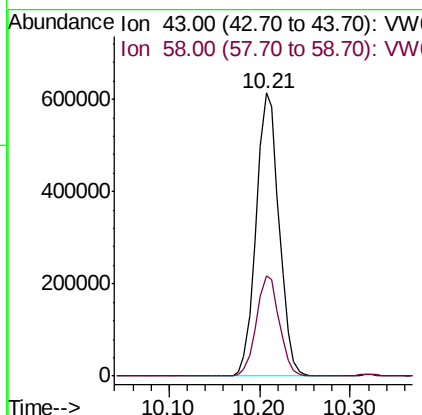
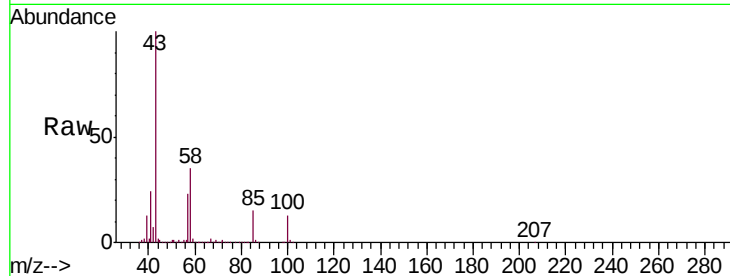




#51
 4-Methyl-2-Pentanone
 Concen: 567.674 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

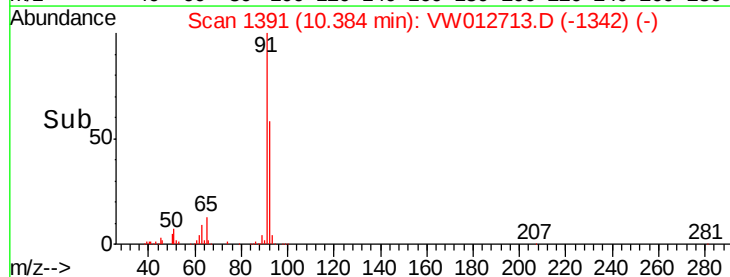
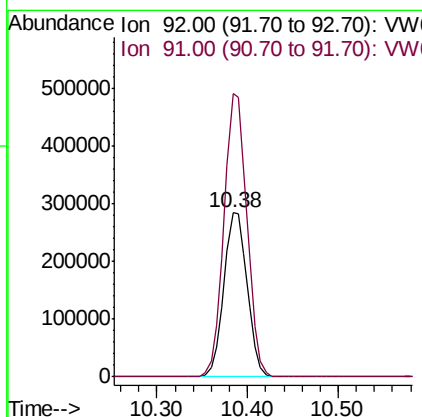
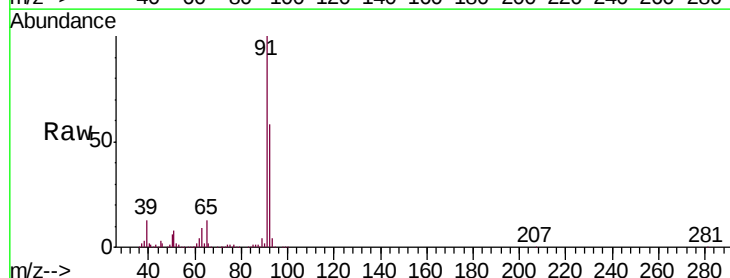
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

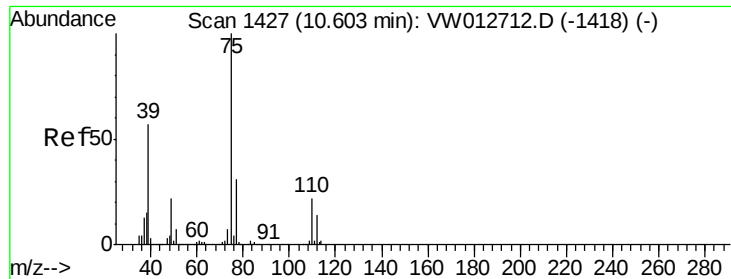
Tgt Ion: 43 Resp: 1071301
 Ion Ratio Lower Upper
 43 100
 58 35.5 28.4 42.6



#52
 Toluene
 Concen: 98.734 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion: 92 Resp: 509149
 Ion Ratio Lower Upper
 92 100
 91 170.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 104.738 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

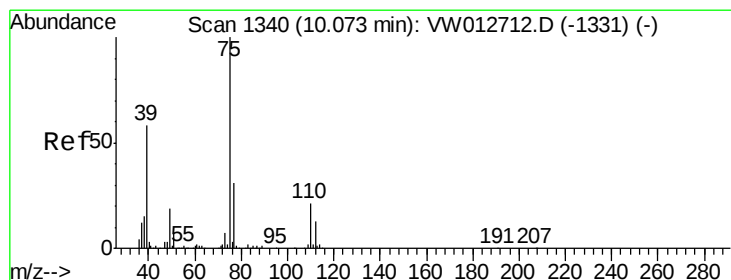
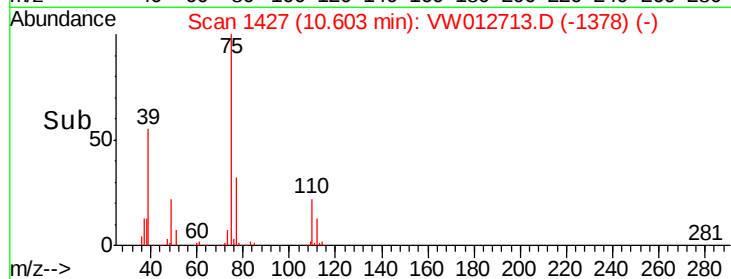
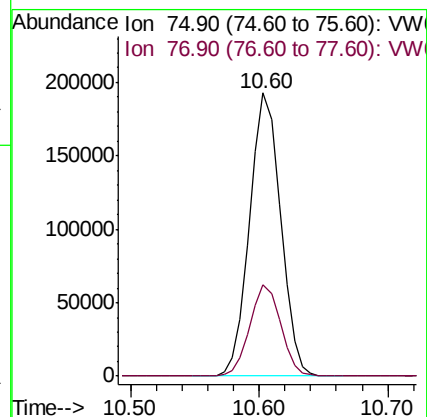
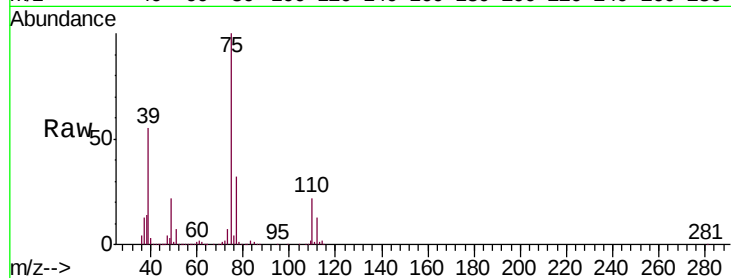
VSTDIC100

Tgt Ion: 75 Resp: 321529

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 102.796 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

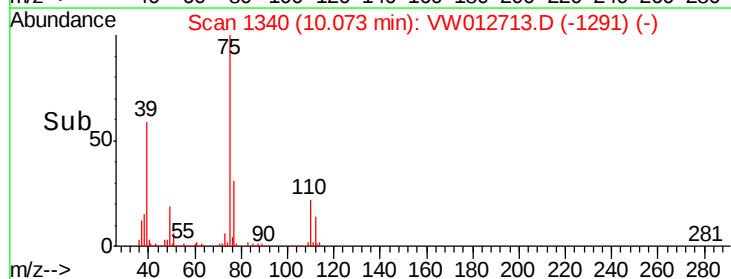
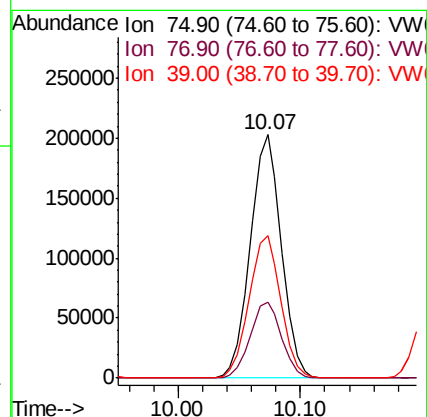
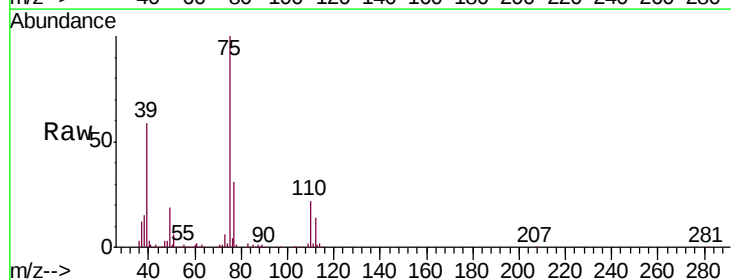
Tgt Ion: 75 Resp: 357986

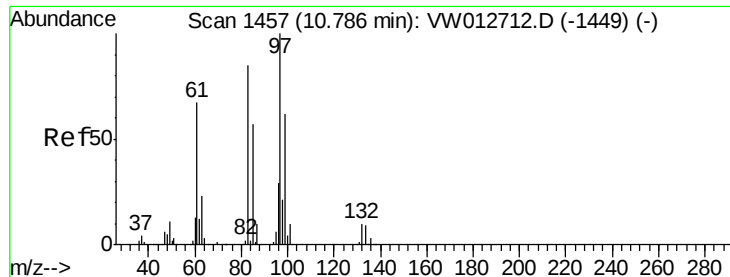
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 58.6 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 103.649 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 168384

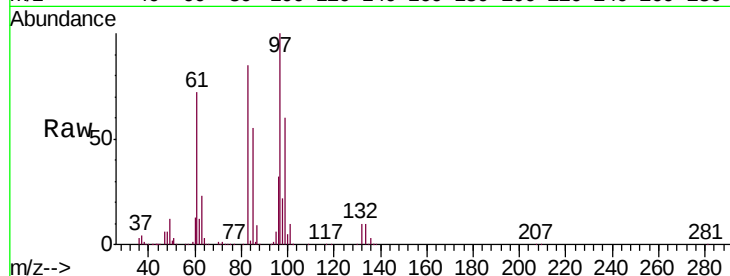
Ion Ratio Lower Upper

97 100

83 85.4 68.1 102.1

85 55.1 45.3 67.9

99 60.3 50.0 75.0



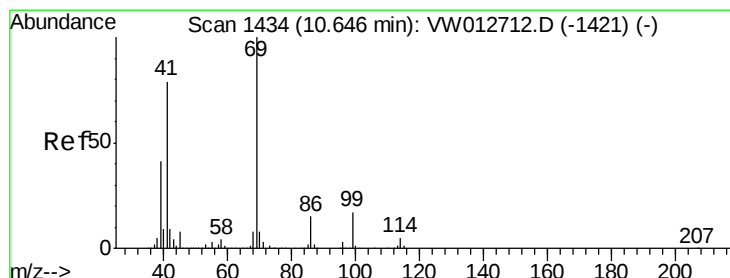
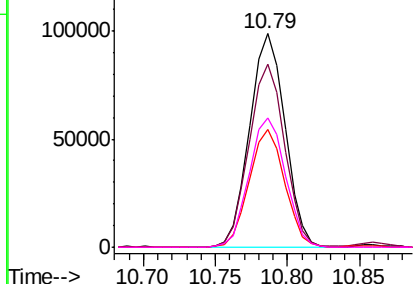
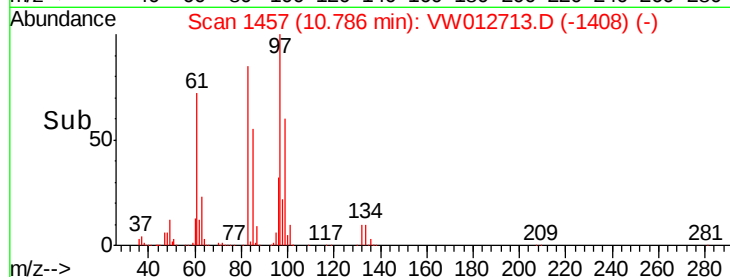
Abundance

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: 112.374 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

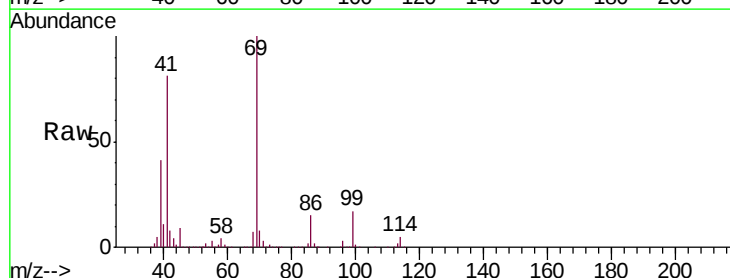
Tgt Ion: 69 Resp: 267232

Ion Ratio Lower Upper

69 100

41 81.6 64.4 96.6

39 38.2 31.1 46.7

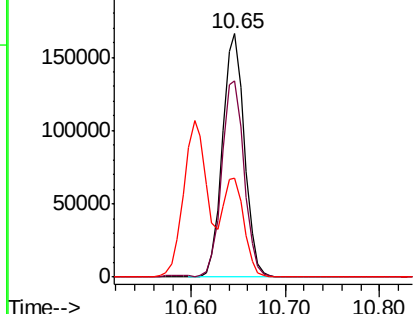
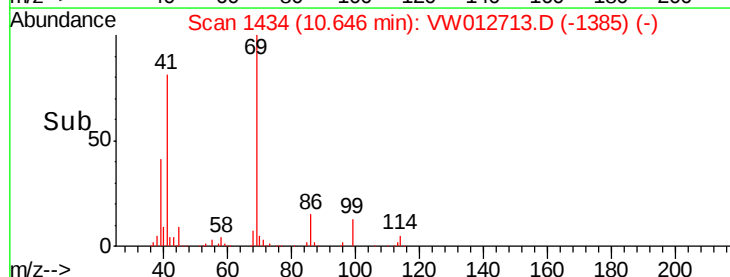


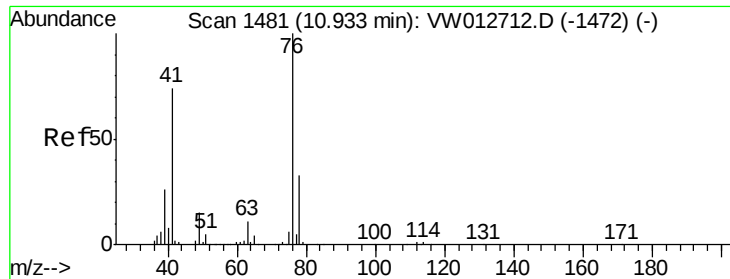
Abundance

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

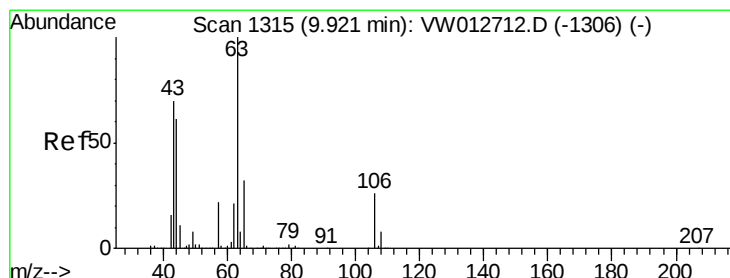
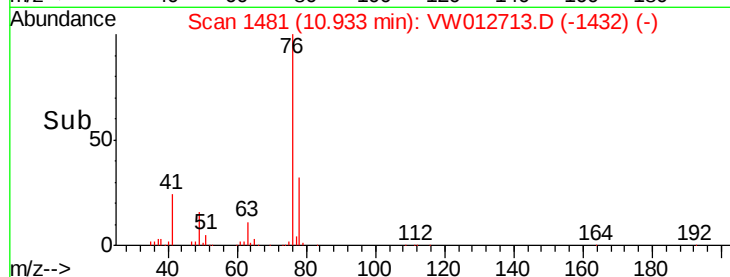
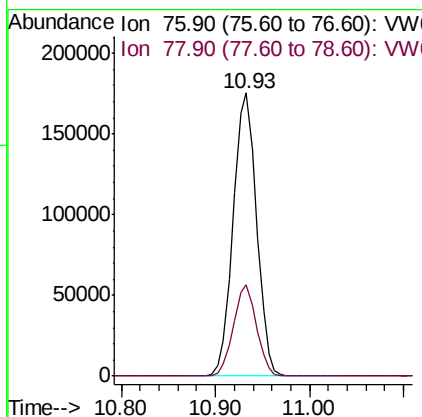
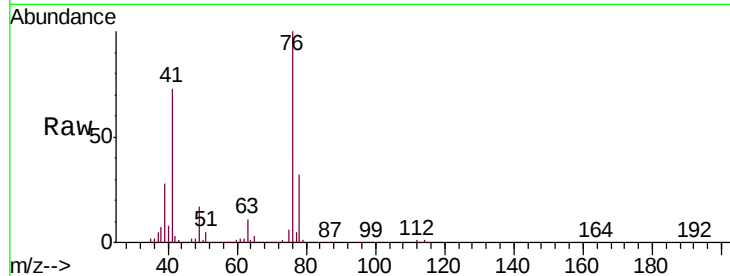




#57
 1,3-Dichloropropane
 Concen: 100.691 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

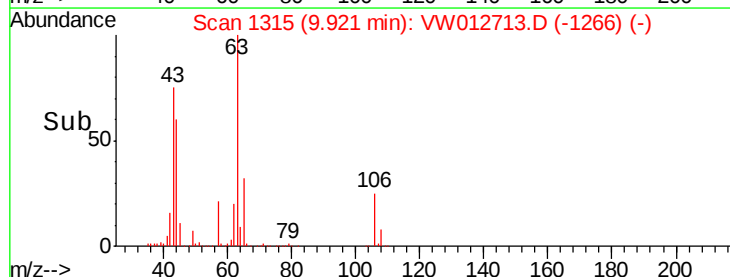
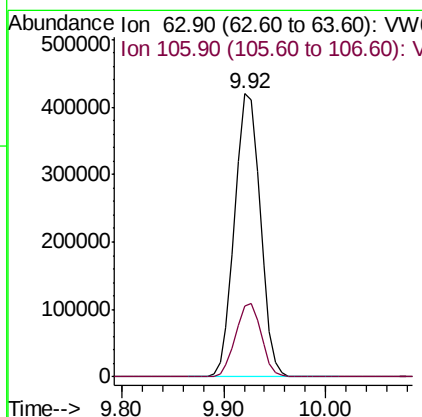
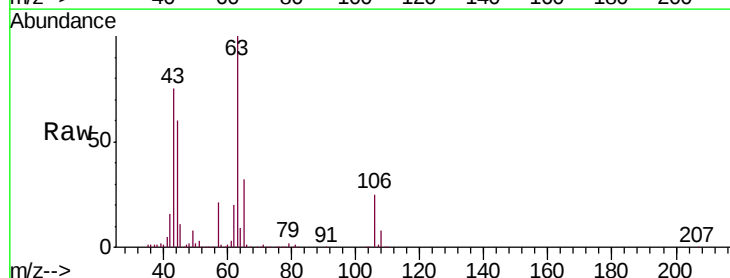
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

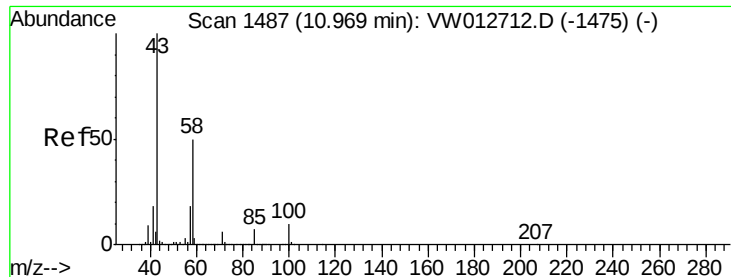
Tgt Ion: 76 Resp: 302619
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 579.988 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion: 63 Resp: 732212
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.5 30.7

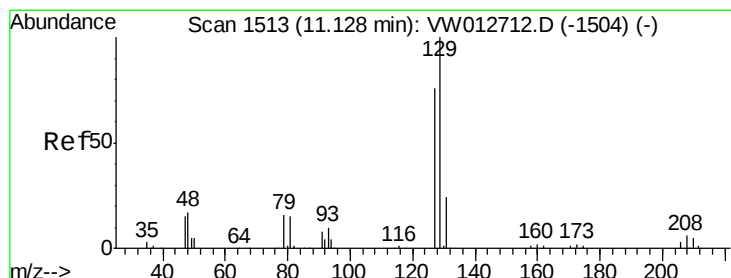
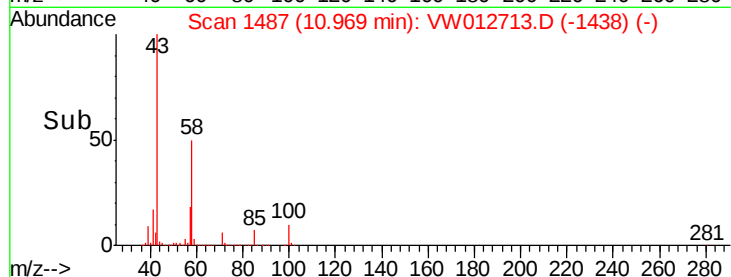
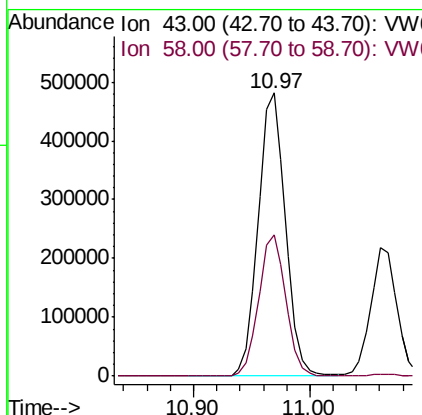
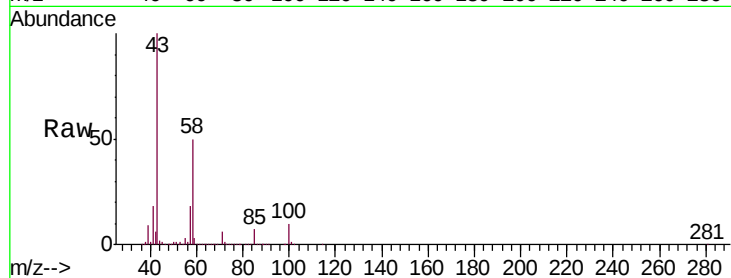




#59
2-Hexanone
Concen: 570.769 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

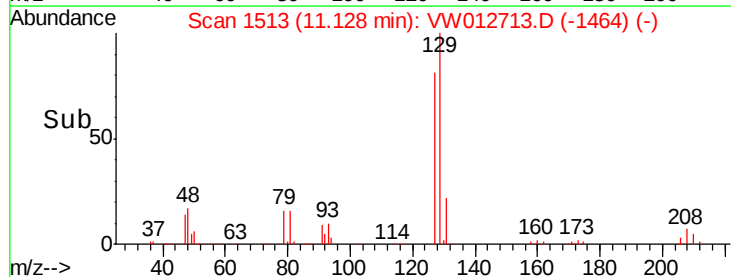
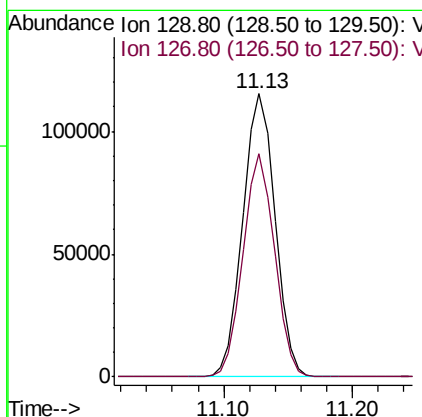
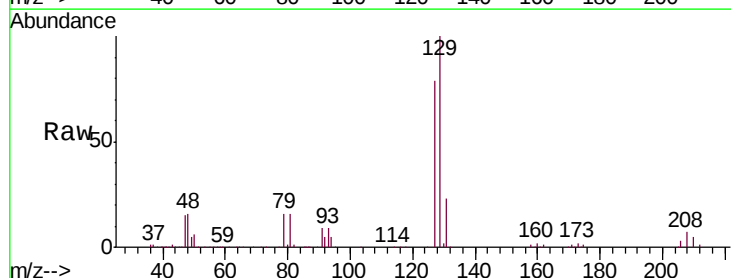
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

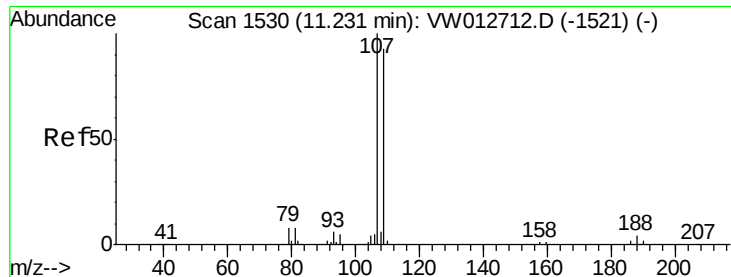
Tgt Ion: 43 Resp: 786941
Ion Ratio Lower Upper
43 100
58 49.5 24.7 74.1



#60
Dibromochloromethane
Concen: 104.665 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Tgt Ion: 129 Resp: 199976
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 104.852 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

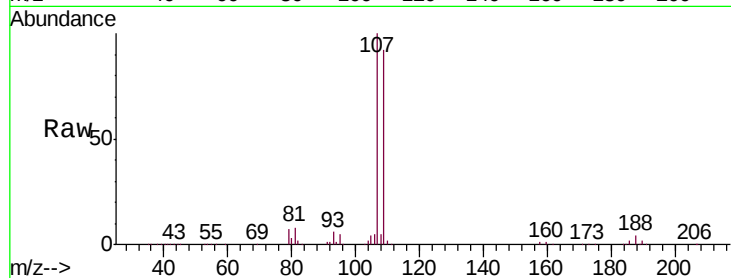
VSTDIC100

Tgt Ion: 107 Resp: 156167

Ion Ratio Lower Upper

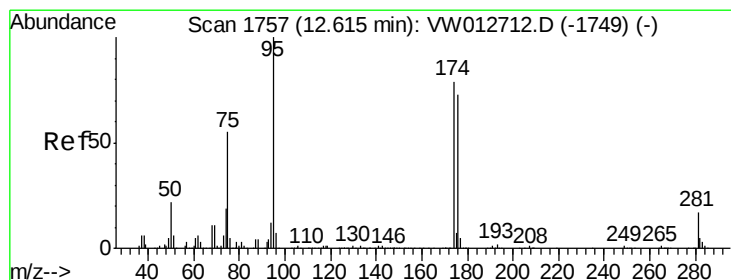
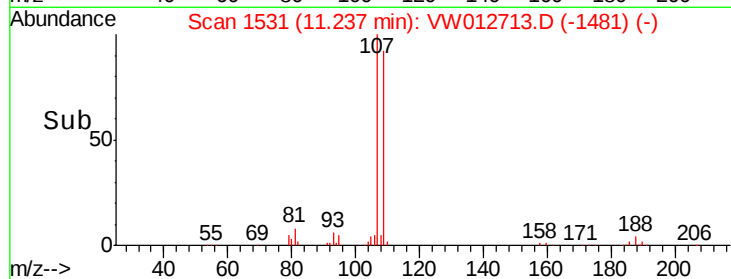
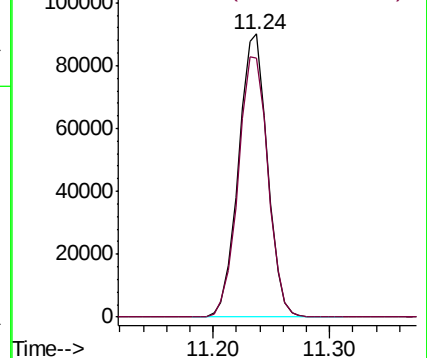
107 100

109 94.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 96.409 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

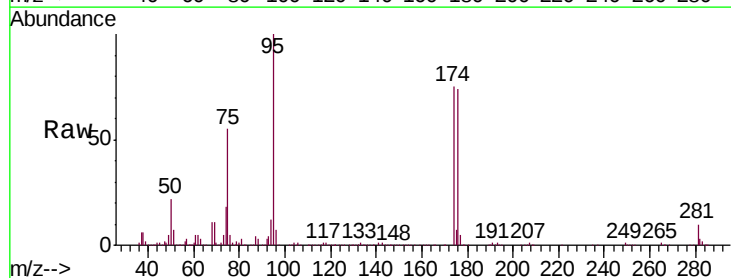
Tgt Ion: 95 Resp: 273217

Ion Ratio Lower Upper

95 100

174 80.1 0.0 161.0

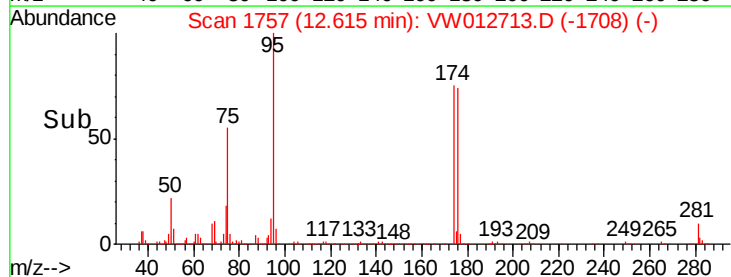
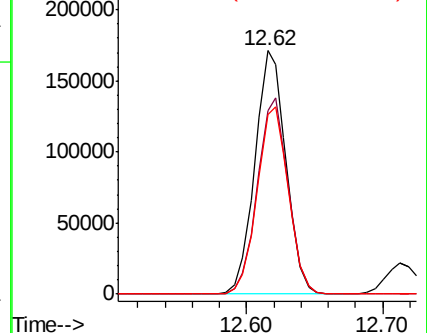
176 77.6 0.0 156.4

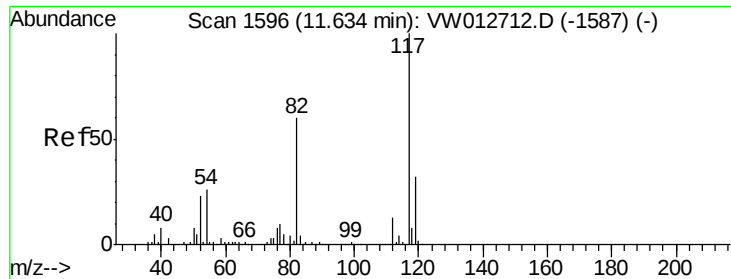


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

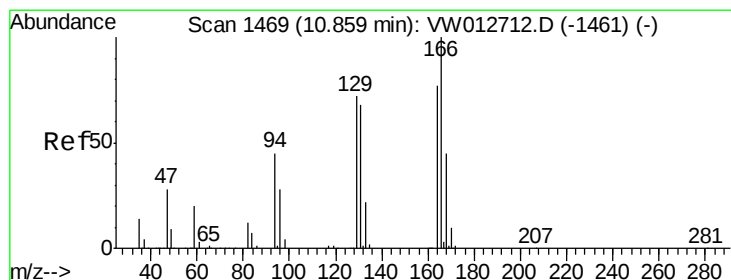
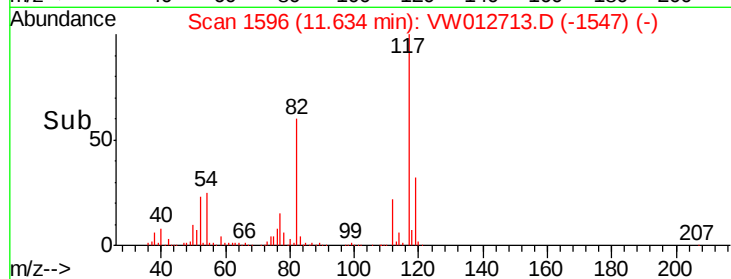
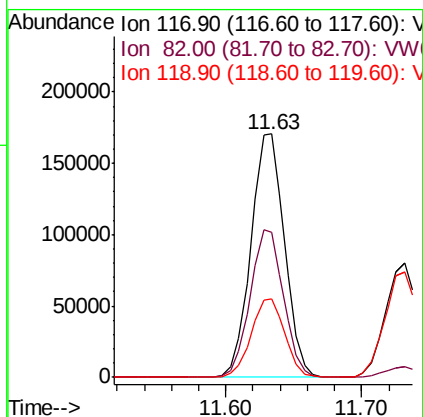
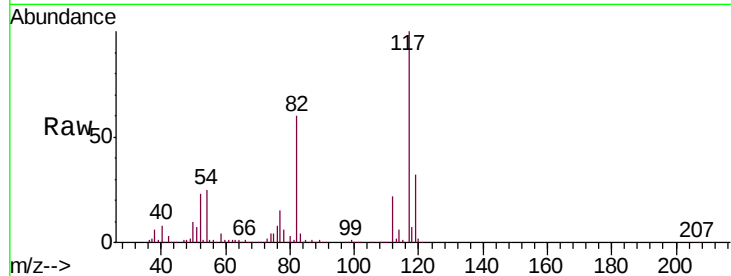




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

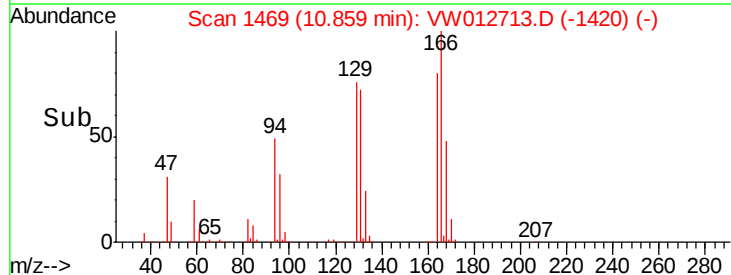
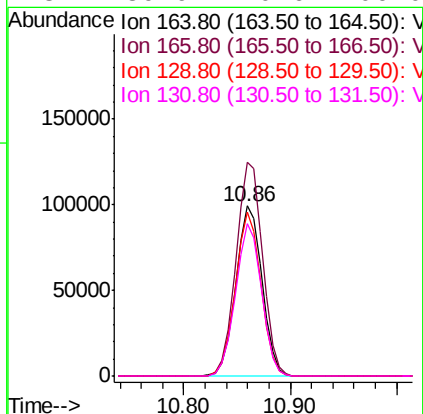
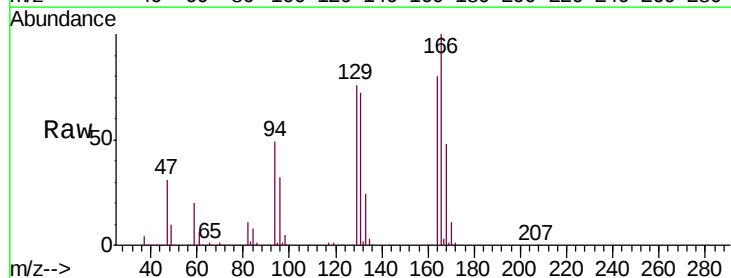
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

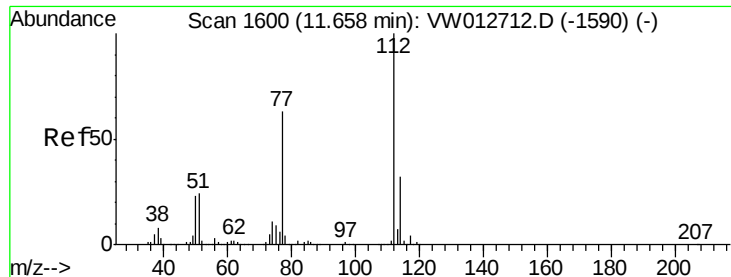
Tgt Ion:117 Resp: 296106
Ion Ratio Lower Upper
117 100
82 59.7 48.2 72.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 95.255 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Tgt Ion:164 Resp: 171145
Ion Ratio Lower Upper
164 100
166 125.5 103.6 155.4
129 95.9 74.6 112.0
131 89.9 70.6 106.0

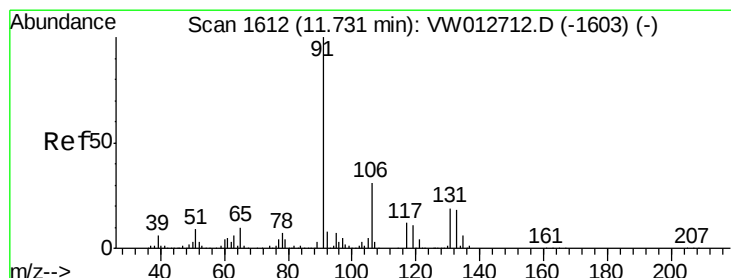
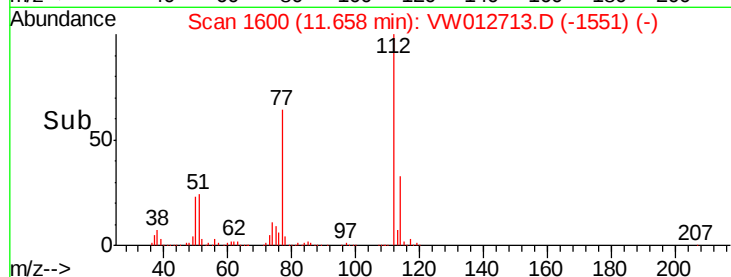
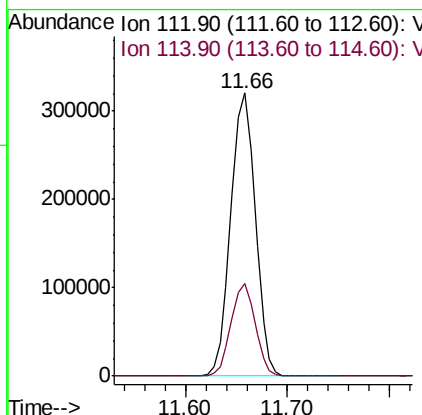
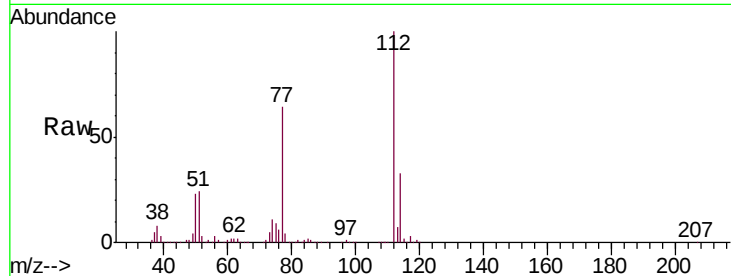




#65
Chlorobenzene
Concen: 95.609 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

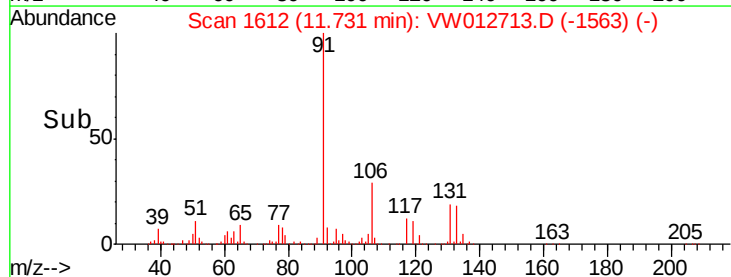
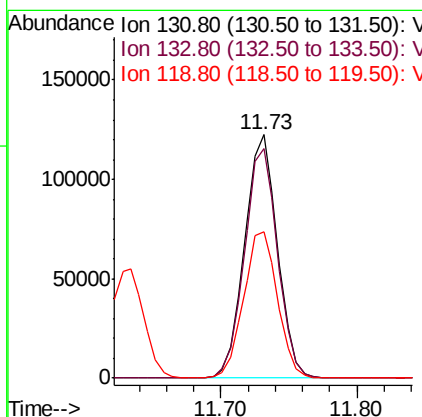
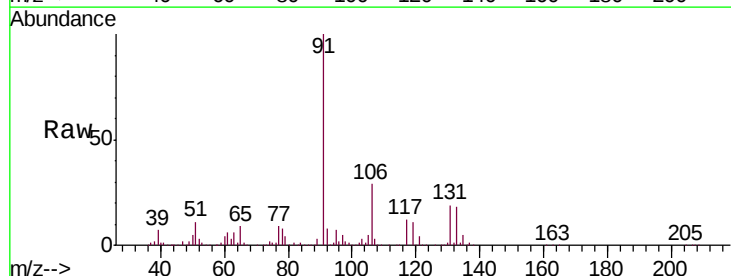
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

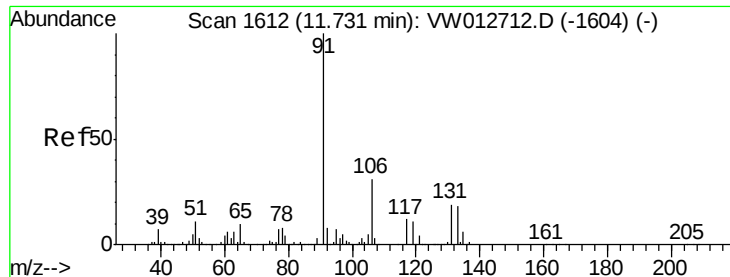
Tgt Ion:112 Resp: 535077
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 98.837 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Tgt Ion:131 Resp: 205991
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.8
119 62.2 30.6 92.0





#67

Ethyl Benzene

Concen: 97.685 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

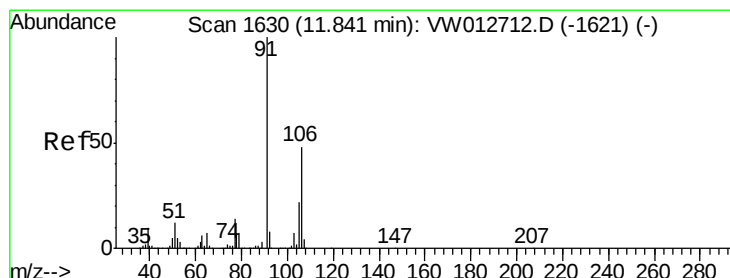
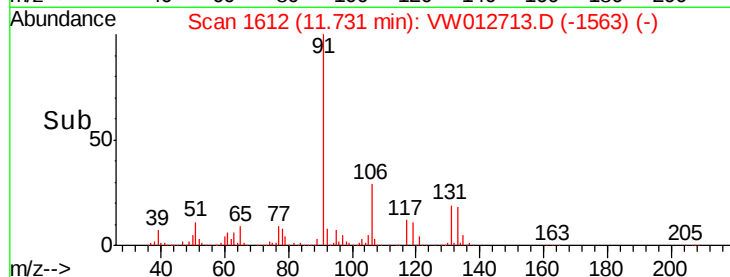
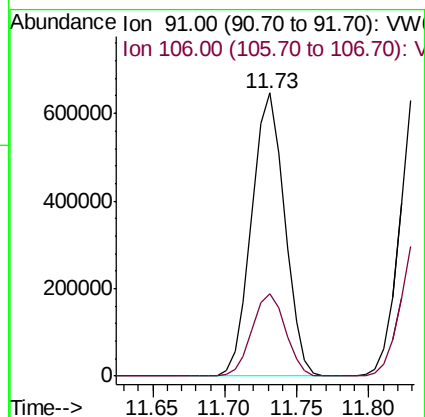
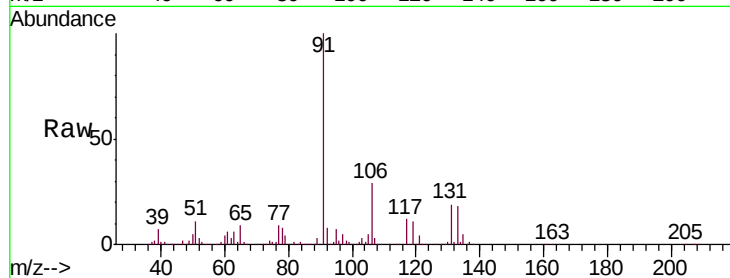
VSTDIC100

Tgt Ion: 91 Resp: 1025725

Ion Ratio Lower Upper

91 100

106 29.3 24.4 36.6



#68

m/p-Xylenes

Concen: 194.708 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW012713.D

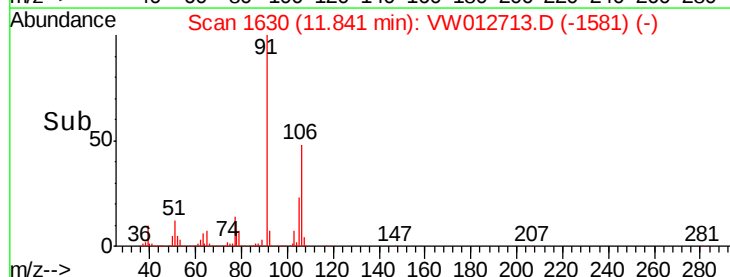
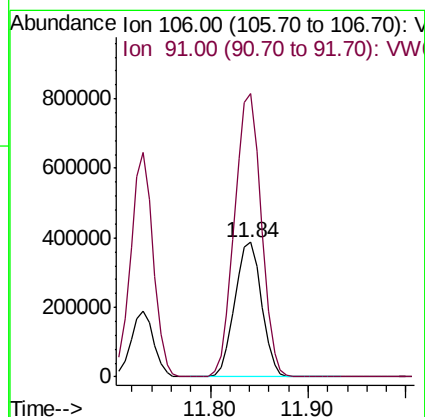
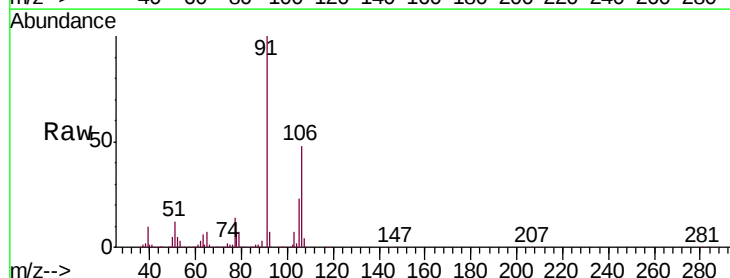
Acq: 07 Sep 2019 11:30

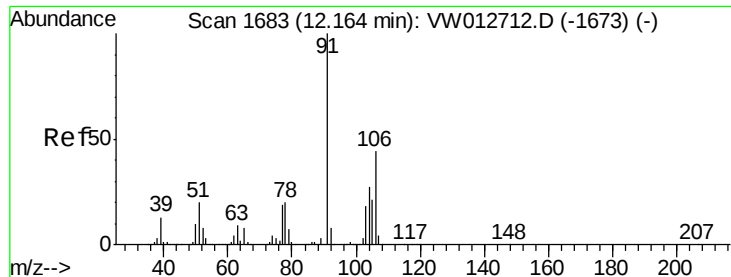
Tgt Ion: 106 Resp: 737973

Ion Ratio Lower Upper

106 100

91 209.9 168.2 252.4

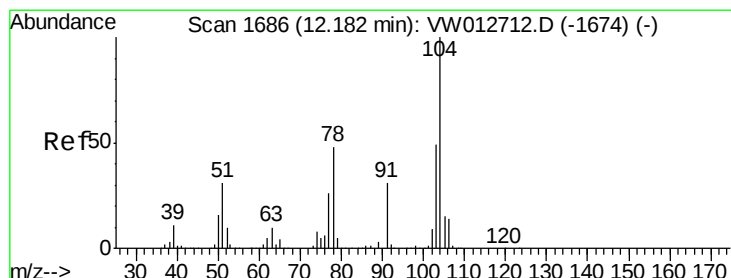
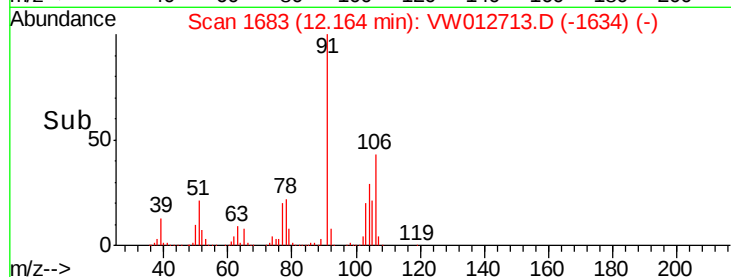
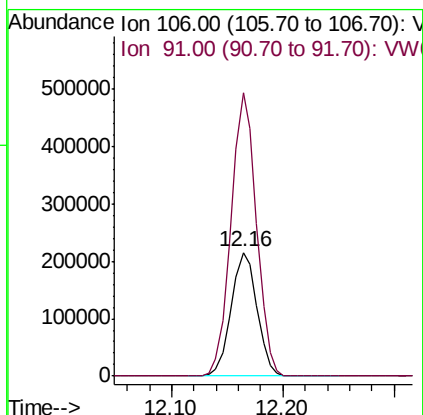
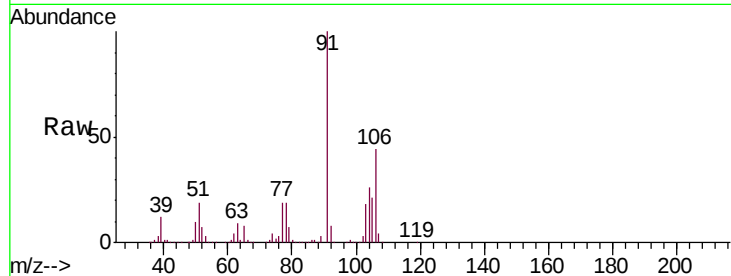




#69
o-Xylene
Concen: 97.158 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

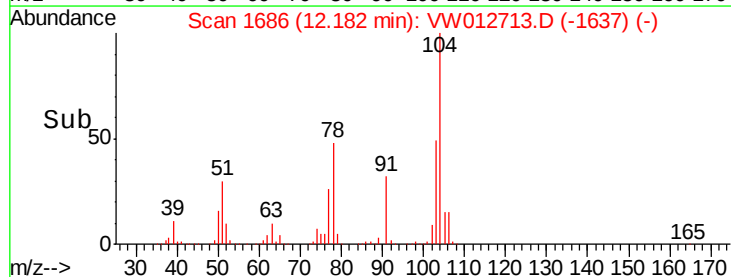
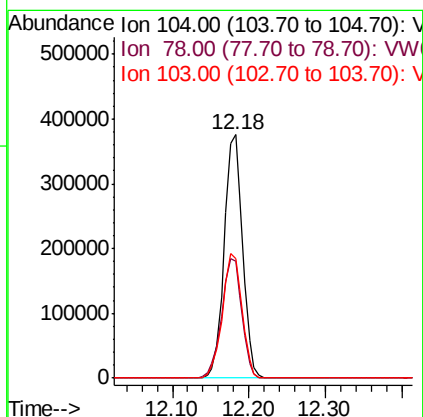
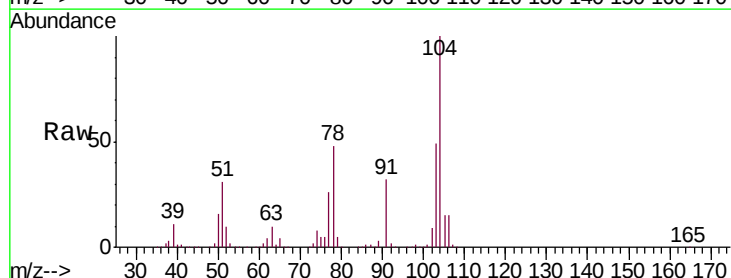
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

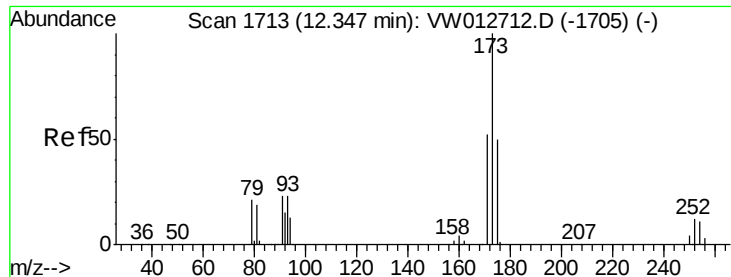
Tgt Ion:106 Resp: 347412
Ion Ratio Lower Upper
106 100
91 223.5 112.3 336.8



#70
Styrene
Concen: 98.343 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Tgt Ion:104 Resp: 621388
Ion Ratio Lower Upper
104 100
78 54.2 43.3 64.9
103 54.8 44.0 66.0





#71

Bromoform

Concen: 103.214 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

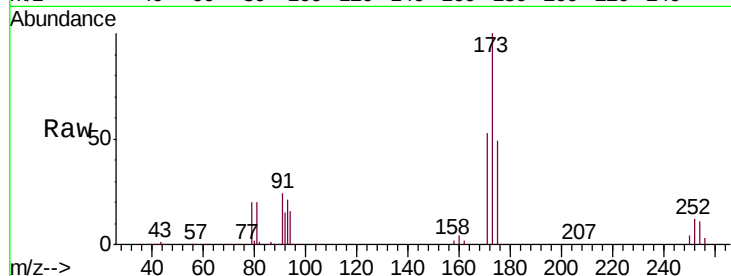
Tgt Ion:173 Resp: 119515

Ion Ratio Lower Upper

173 100

175 48.3 24.8 74.3

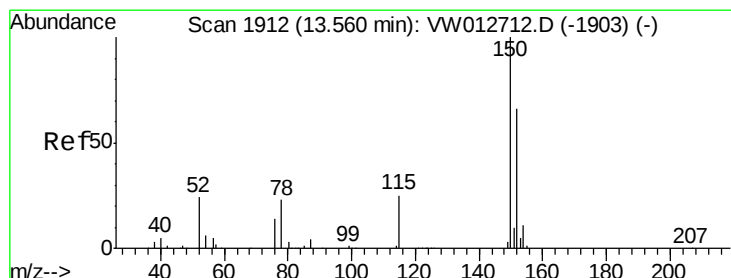
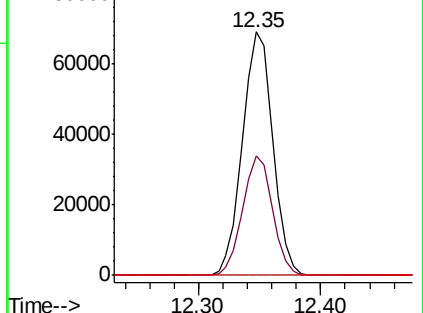
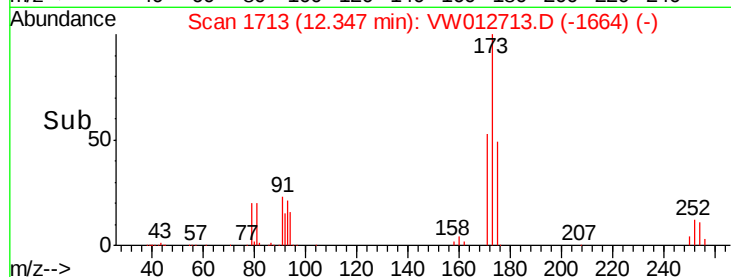
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

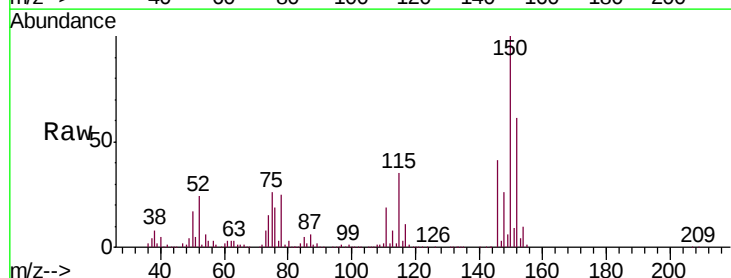
Tgt Ion:152 Resp: 147877

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.1

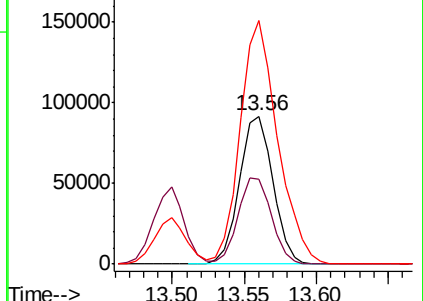
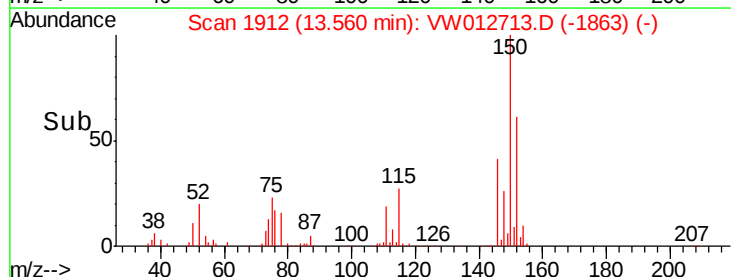
150 184.2 0.0 349.0

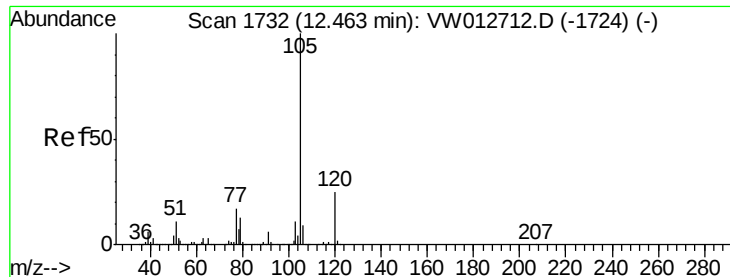


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 90.786 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

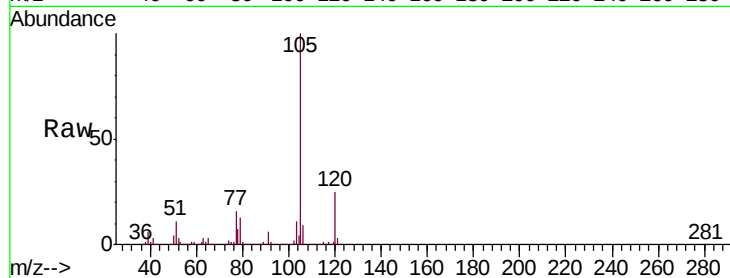
VSTDIC100

Tgt Ion: 105 Resp: 962886

Ion Ratio Lower Upper

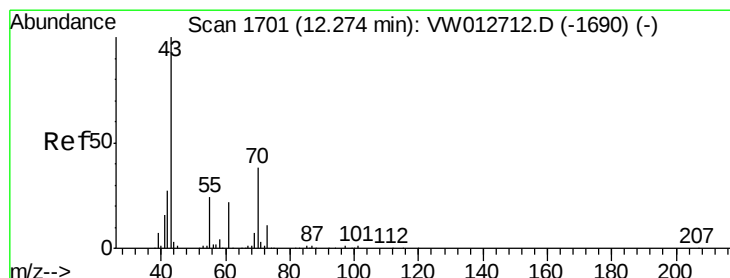
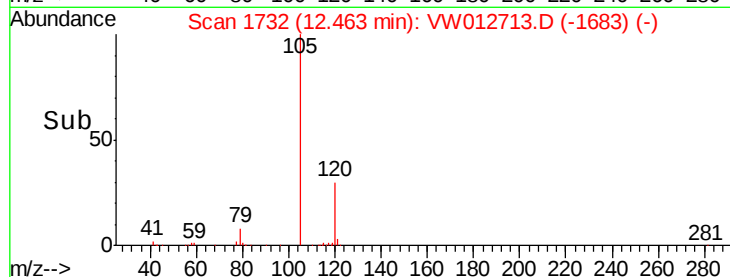
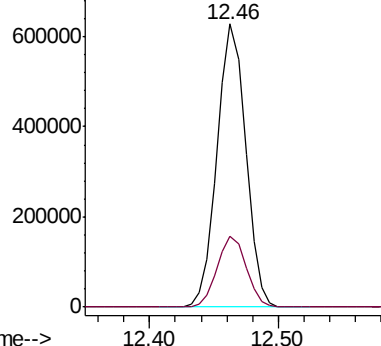
105 100

120 25.2 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 98.691 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Tgt Ion: 43 Resp: 332248

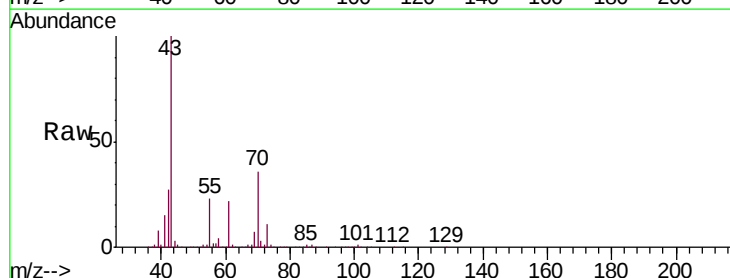
Ion Ratio Lower Upper

43 100

70 37.1 29.4 44.0

55 22.6 18.6 27.8

61 21.9 17.8 26.6

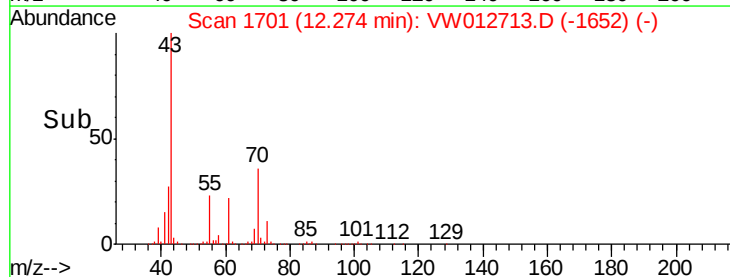
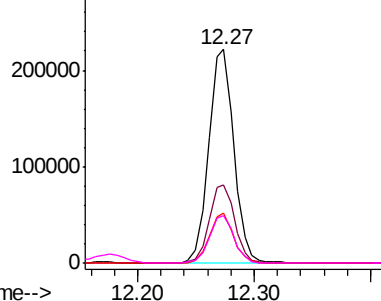


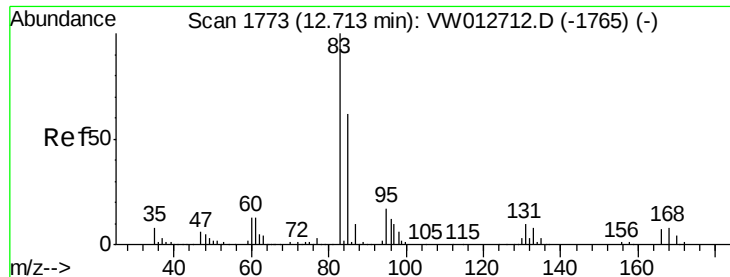
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 100.509 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

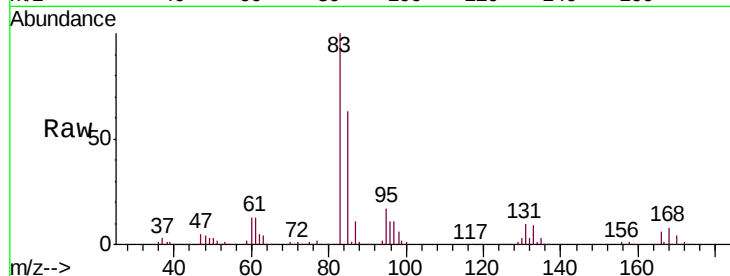
Tgt Ion: 83 Resp: 214086

Ion Ratio Lower Upper

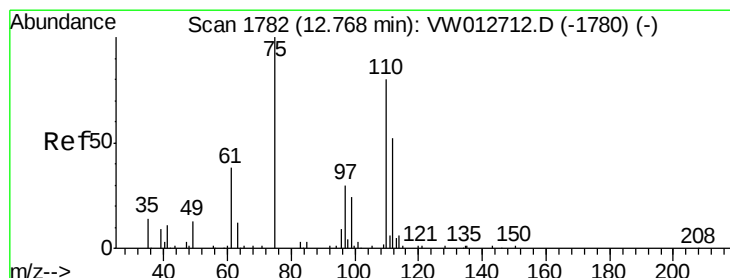
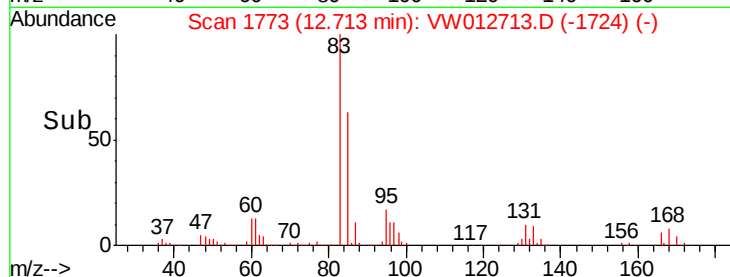
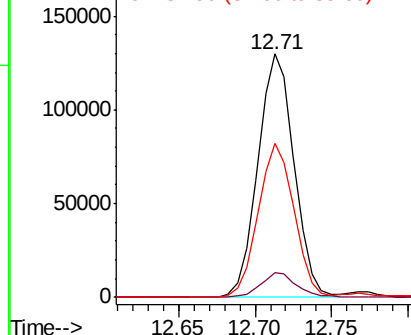
83 100

131 10.2 5.1 15.4

85 62.8 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 201.085 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012713.D

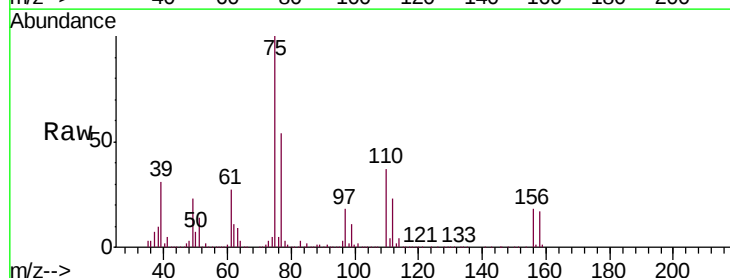
Acq: 07 Sep 2019 11:30

Tgt Ion: 75 Resp: 291811

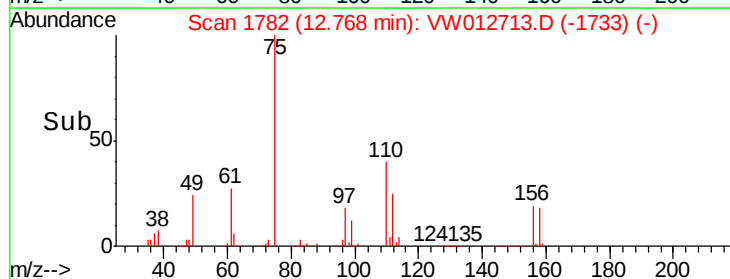
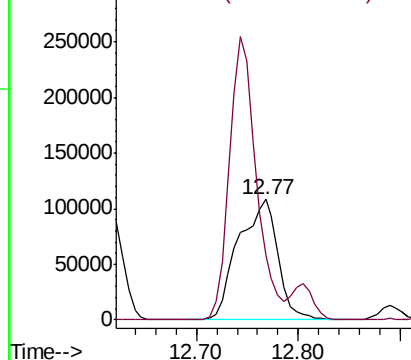
Ion Ratio Lower Upper

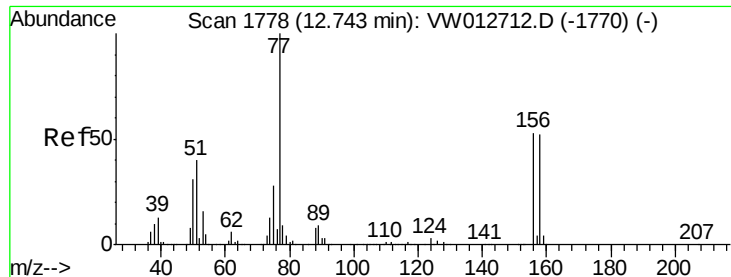
75 100

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: 93.866 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

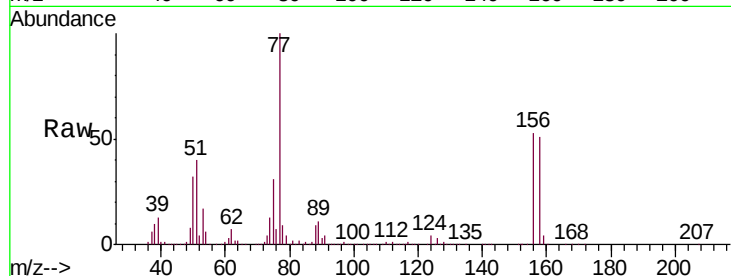
Tgt Ion:156 Resp: 225553

Ion Ratio Lower Upper

156 100

77 206.7 102.3 306.9

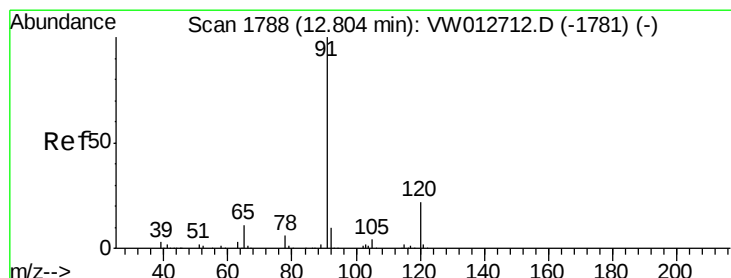
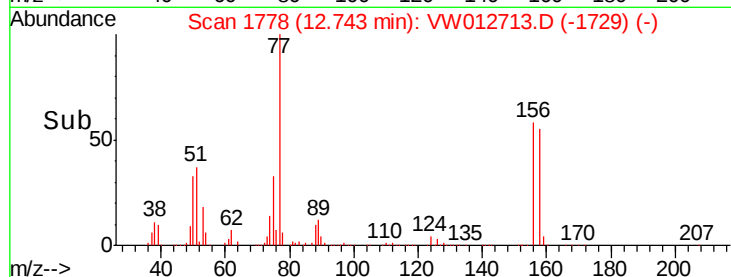
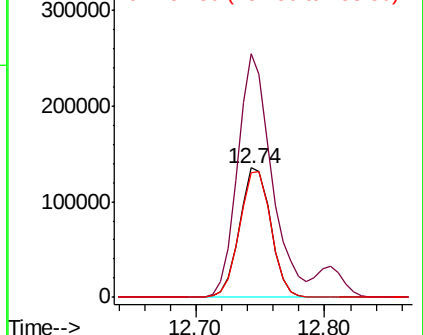
158 98.0 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 94.123 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012713.D

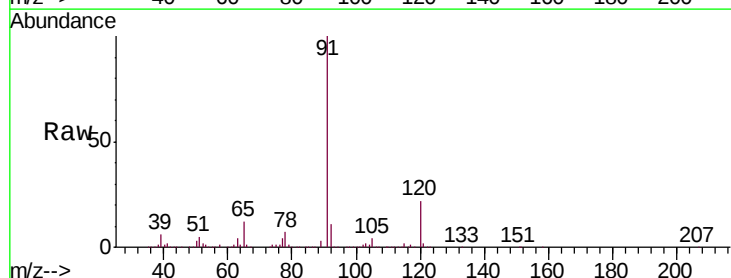
Acq: 07 Sep 2019 11:30

Tgt Ion: 91 Resp: 1193938

Ion Ratio Lower Upper

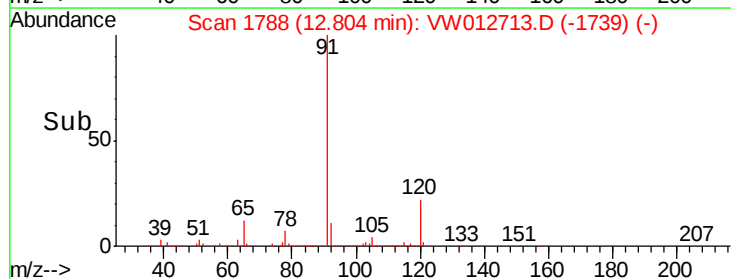
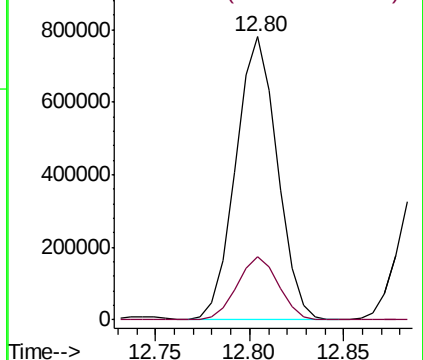
91 100

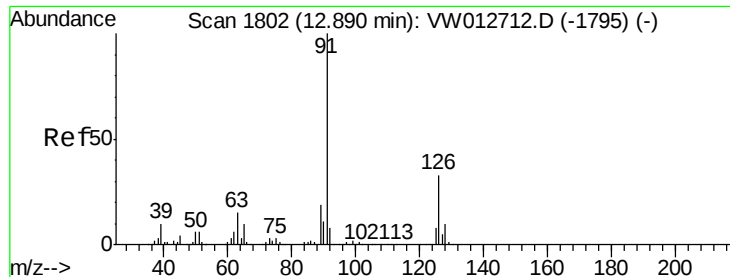
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

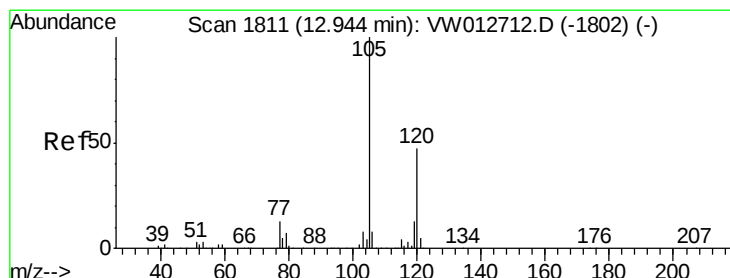
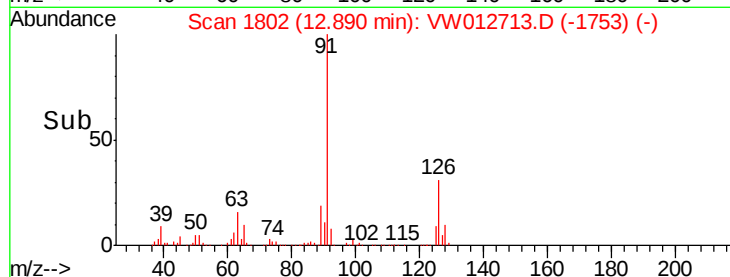
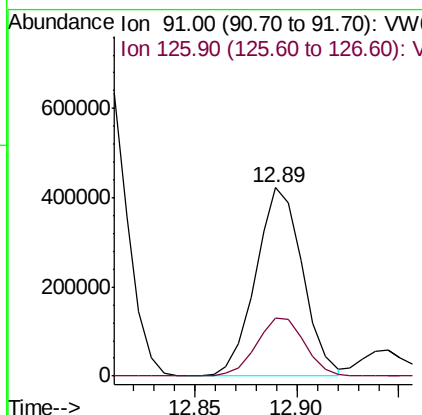
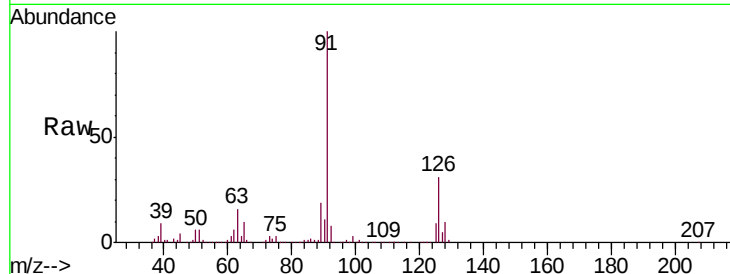




#79
 2-Chlorotoluene
 Concen: 92.685 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

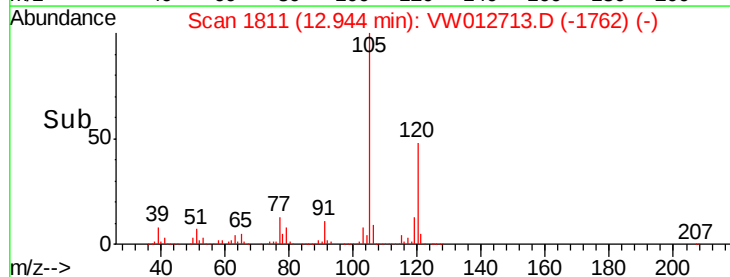
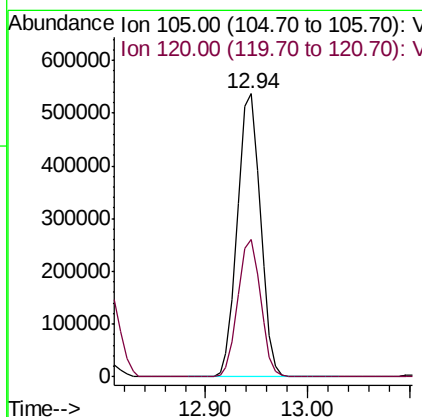
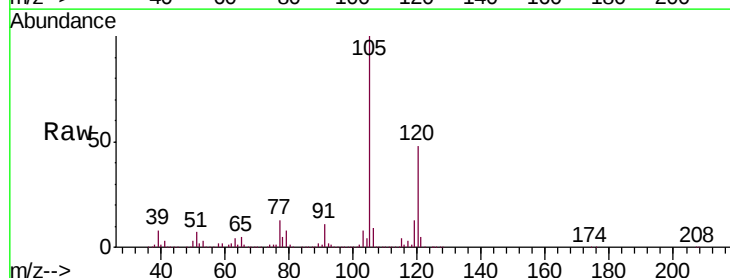
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

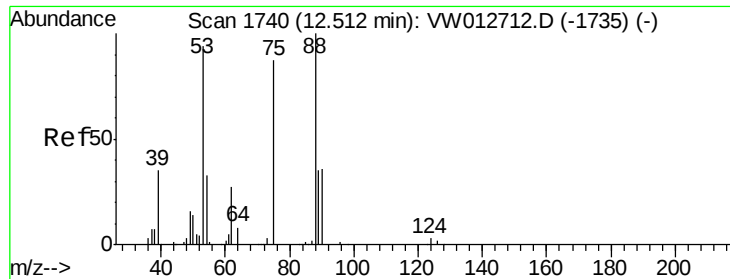
Tgt Ion: 91 Resp: 674938
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 93.488 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion: 105 Resp: 835518
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 107.001 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

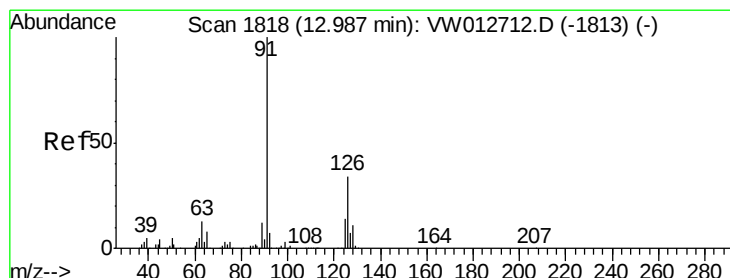
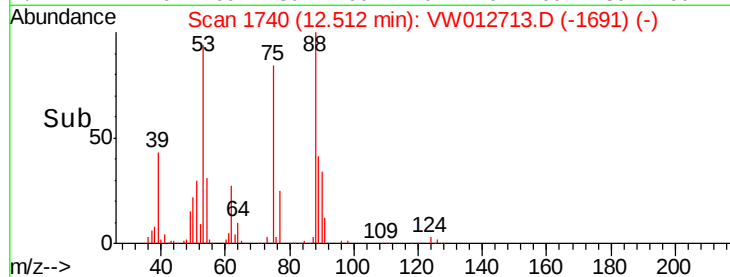
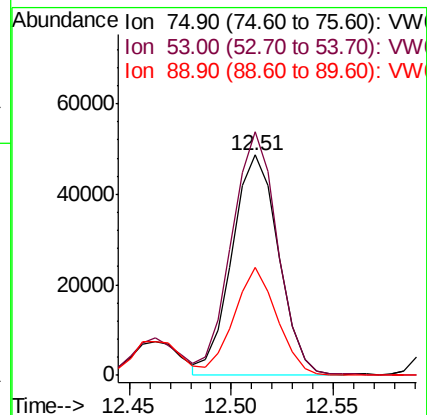
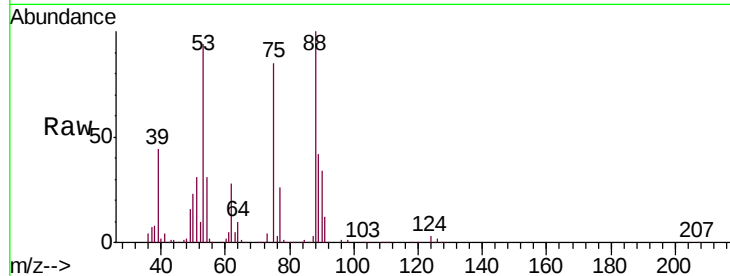
Tgt Ion: 75 Resp: 76497

Ion Ratio Lower Upper

75 100

53 109.6 87.6 131.4

89 45.2 35.5 53.3



#82

4-Chlorotoluene

Concen: 93.129 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012713.D

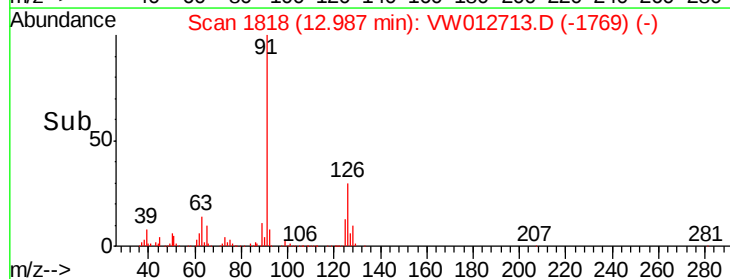
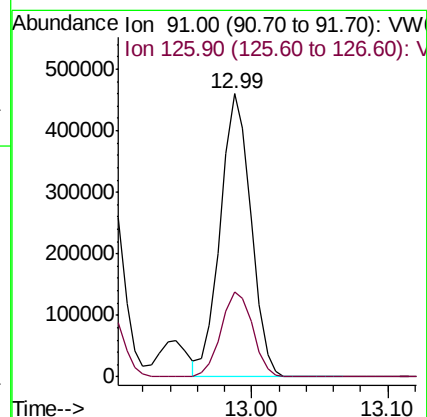
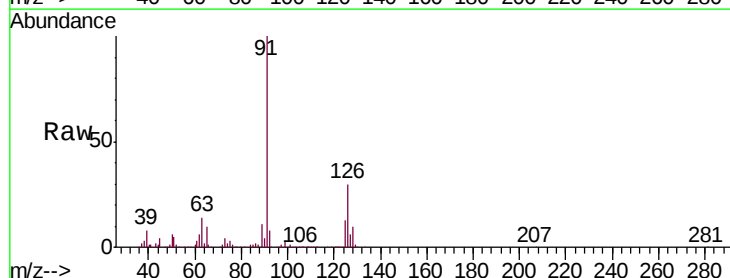
Acq: 07 Sep 2019 11:30

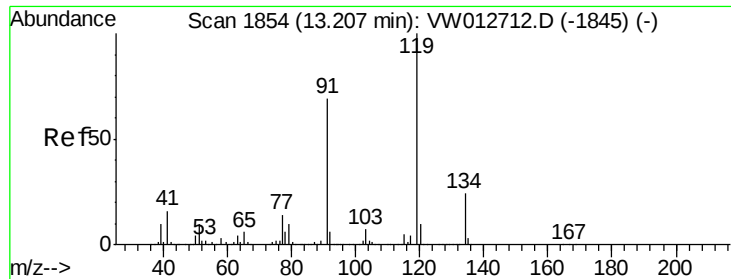
Tgt Ion: 91 Resp: 717348

Ion Ratio Lower Upper

91 100

126 31.0 15.9 47.6

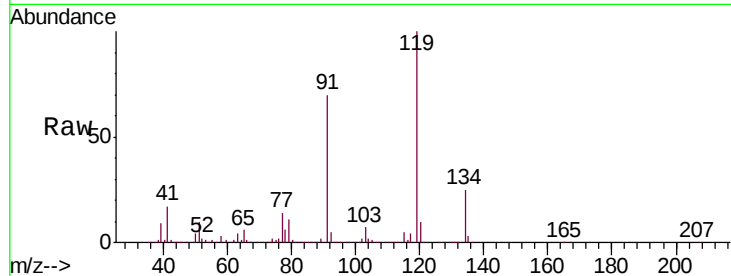




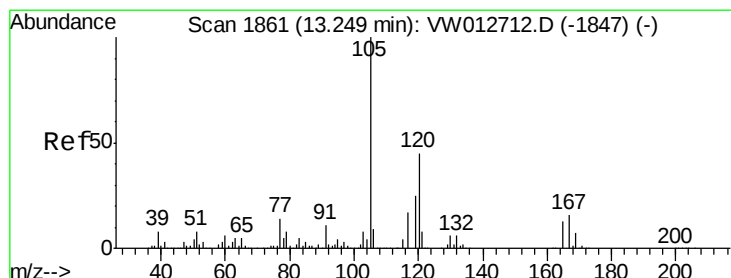
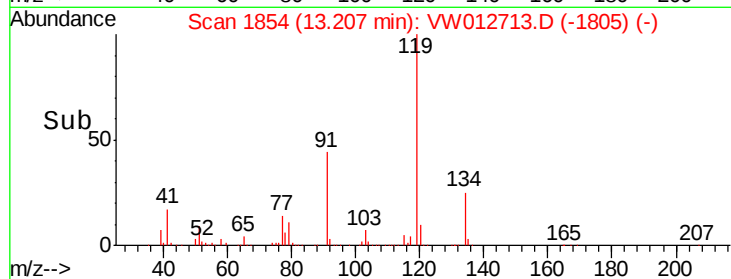
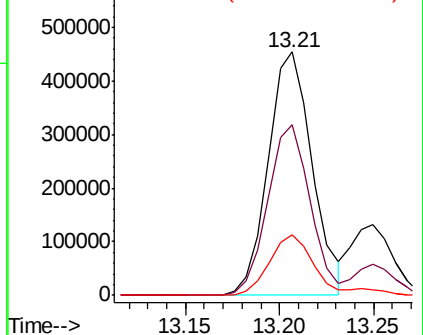
#83
 tert-Butylbenzene
 Concen: 93.295 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 737244
 Ion Ratio Lower Upper
 119 100
 91 67.5 34.2 102.5
 134 24.6 12.3 36.9

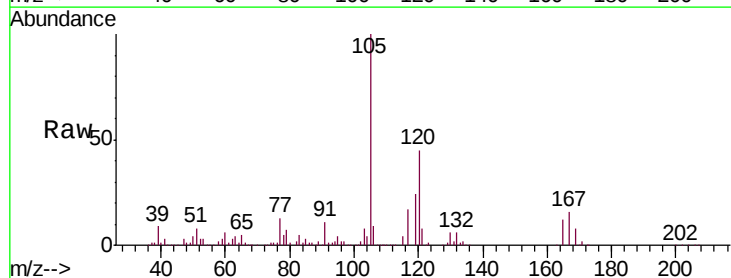


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

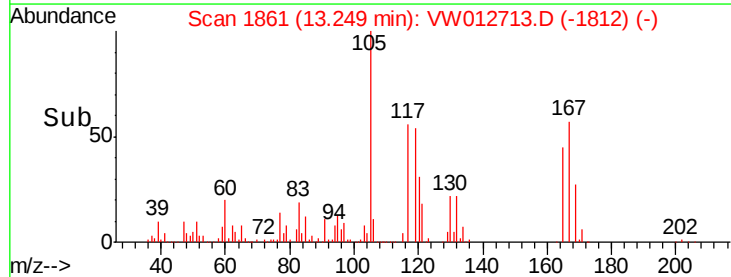
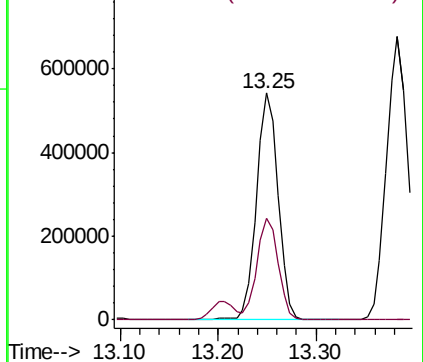


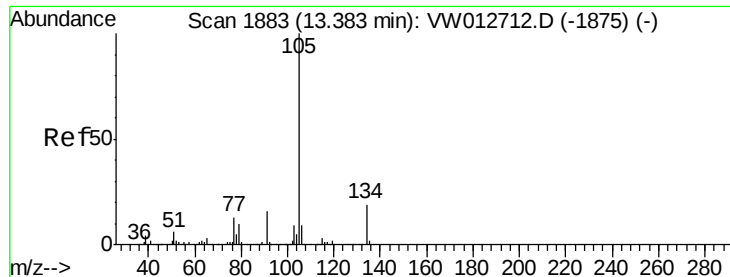
#84
 1,2,4-Trimethylbenzene
 Concen: 93.010 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion:105 Resp: 837595
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.3



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

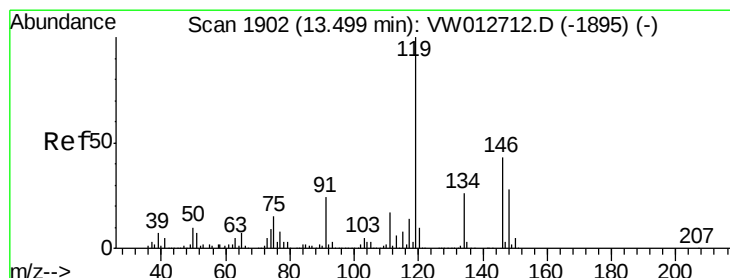
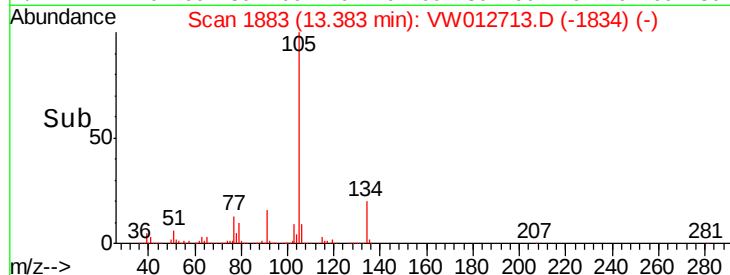
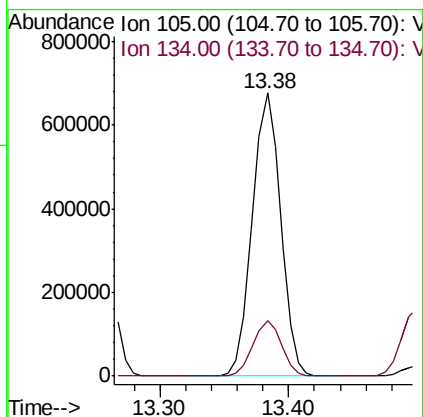
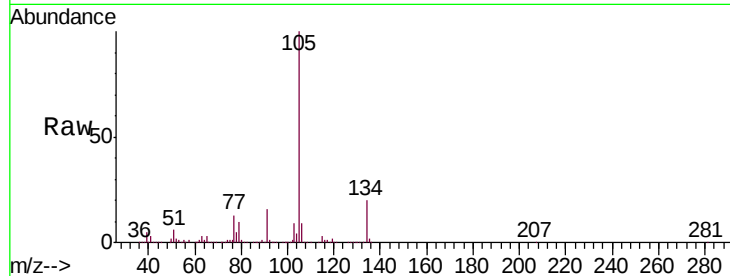




#85
 sec-Butylbenzene
 Concen: 93.389 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

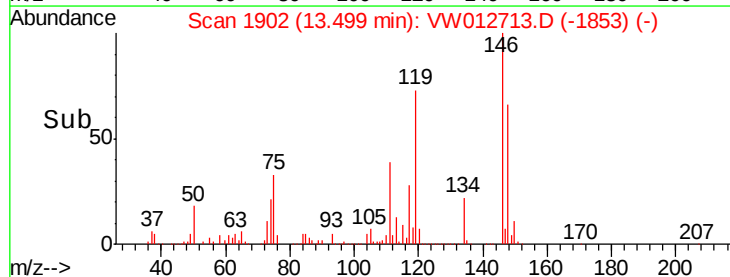
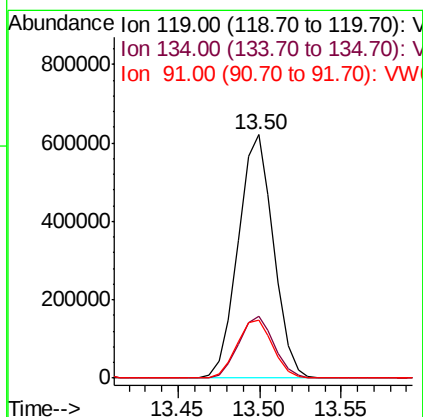
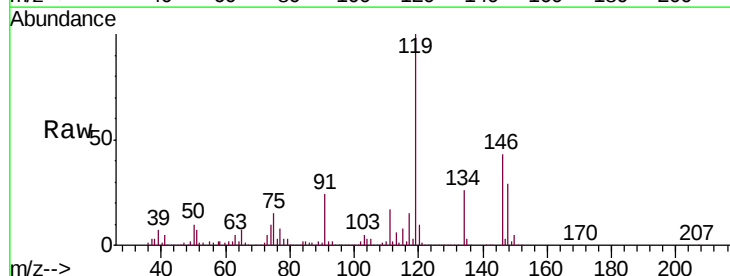
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

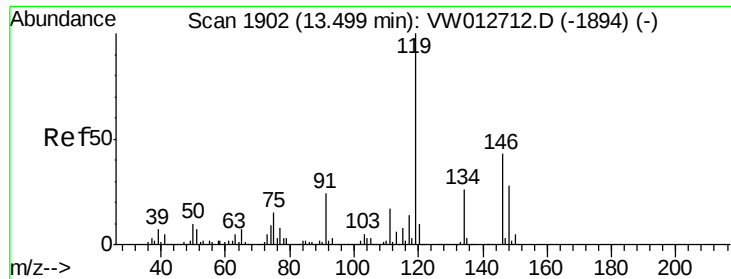
Tgt Ion:105 Resp: 1024067
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 93.255 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion:119 Resp: 934053
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 24.4 12.2 36.6

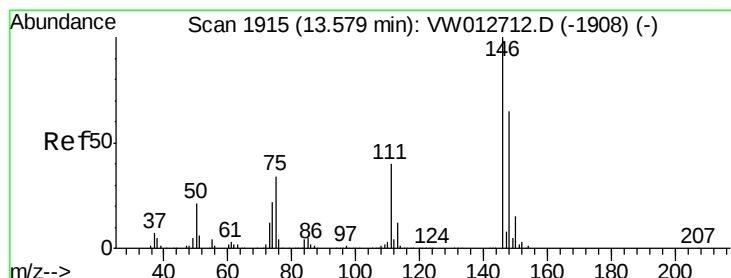
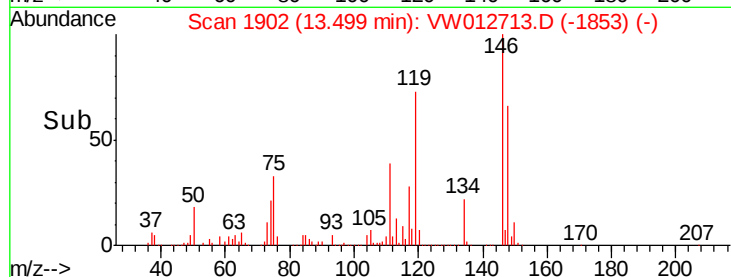
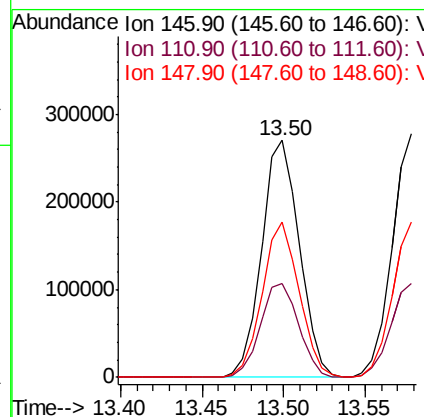
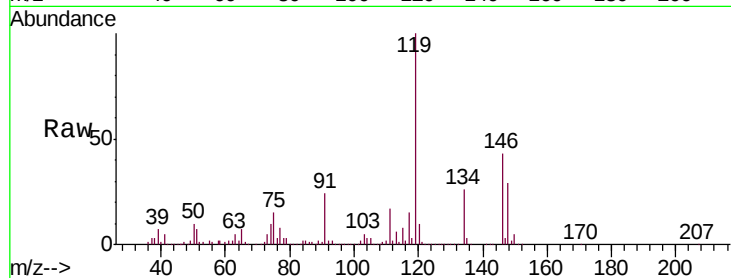




#87
 1,3-Dichlorobenzene
 Concen: 91.605 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

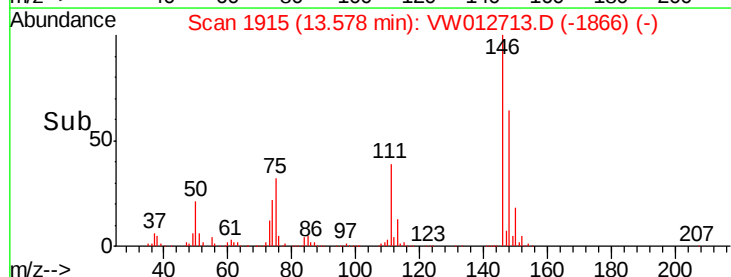
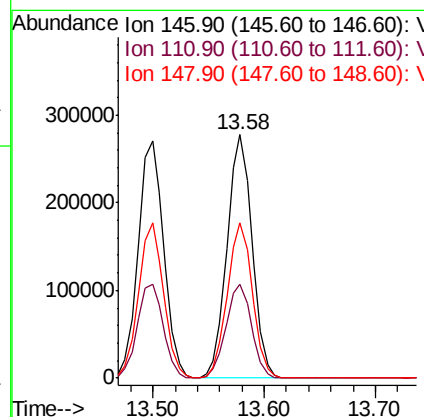
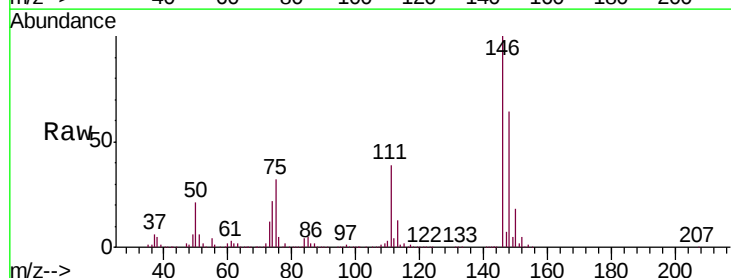
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

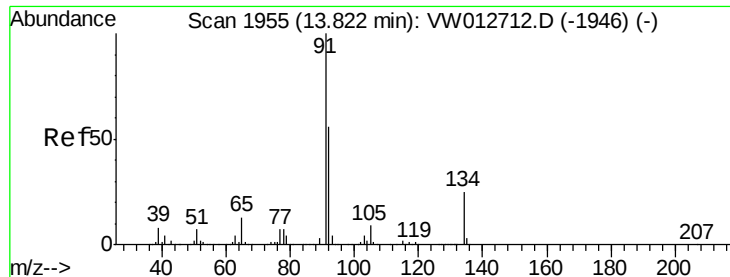
Tgt Ion:146 Resp: 432657
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.4 61.2
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 92.073 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion:146 Resp: 432718
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 60.0
 148 63.8 32.2 96.6





#89

n-Butylbenzene

Concen: 93.996 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012713.D

Acq: 07 Sep 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

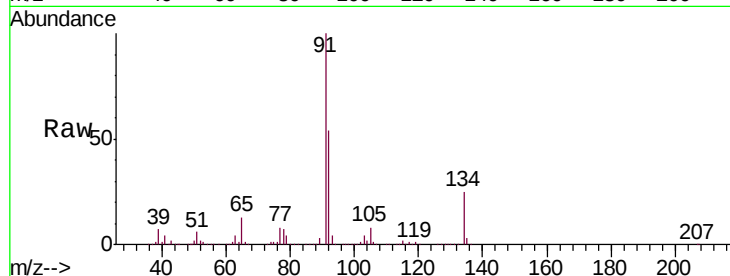
Tgt Ion: 91 Resp: 914007

Ion Ratio Lower Upper

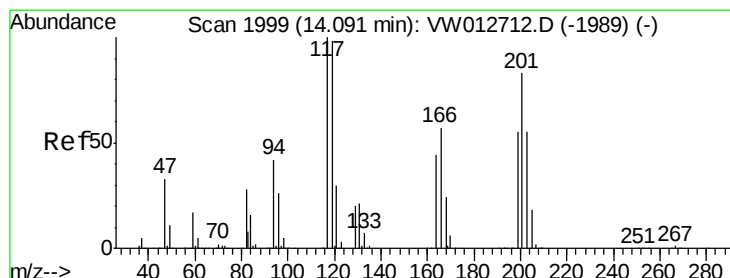
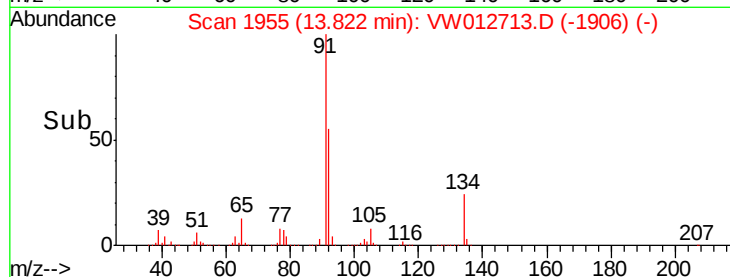
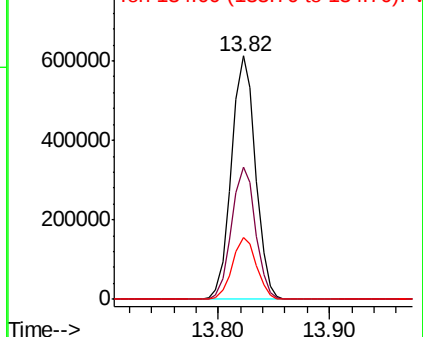
91 100

92 54.3 27.2 81.5

134 25.4 12.7 38.1



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: 95.186 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012713.D

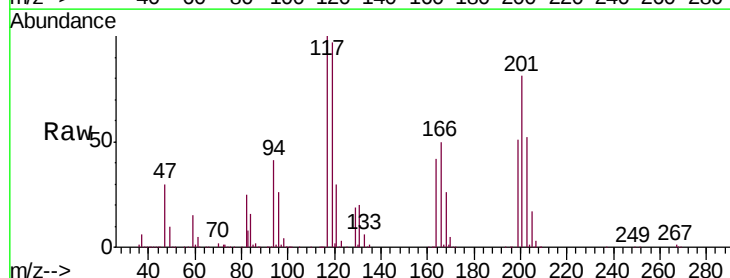
Acq: 07 Sep 2019 11:30

Tgt Ion: 117 Resp: 166438

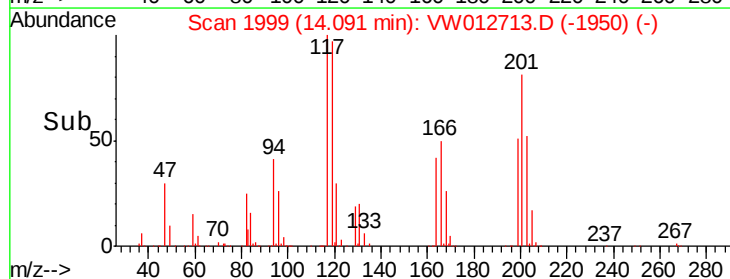
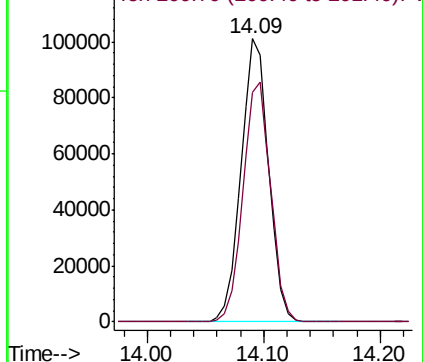
Ion Ratio Lower Upper

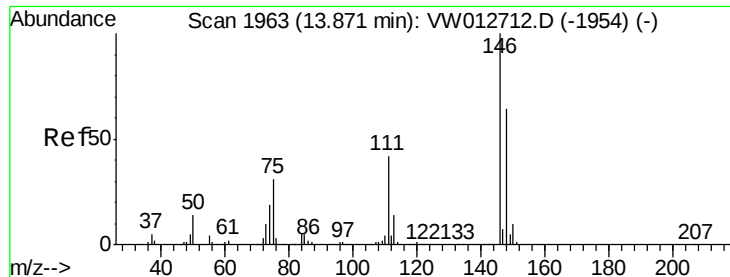
117 100

201 85.2 42.8 128.4



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

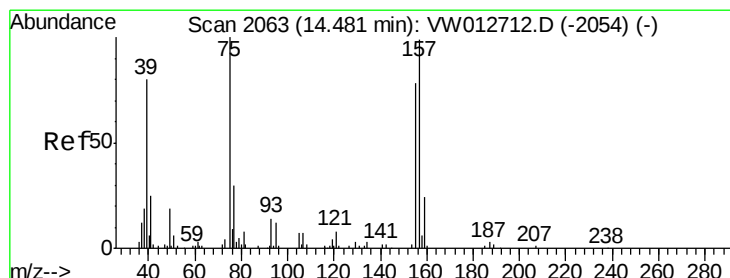
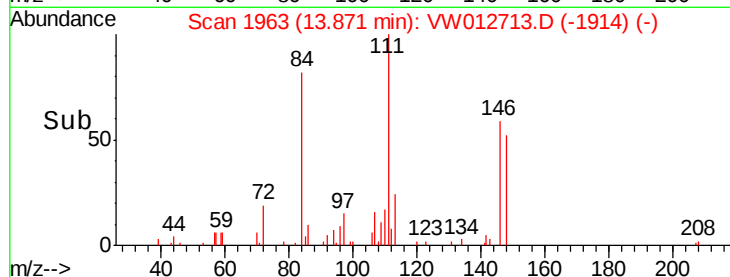
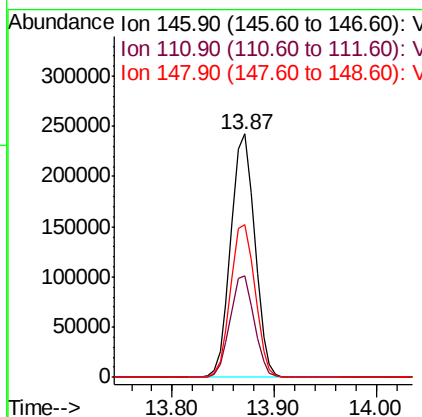
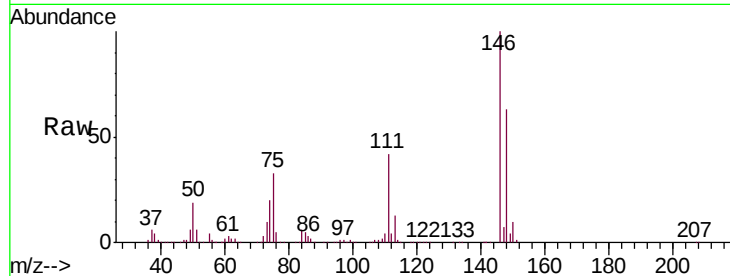




#91
 1,2-Dichlorobenzene
 Concen: 92.523 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

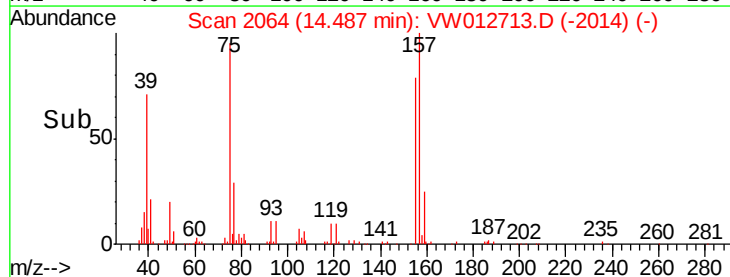
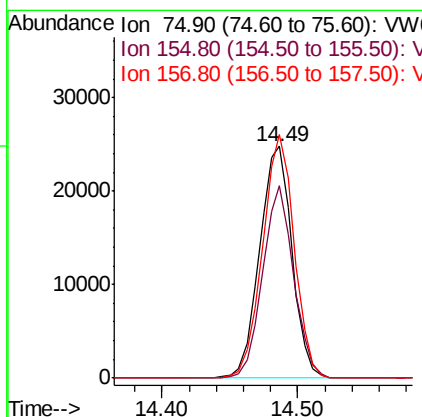
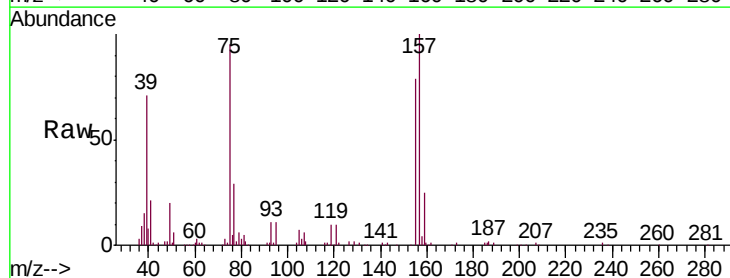
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

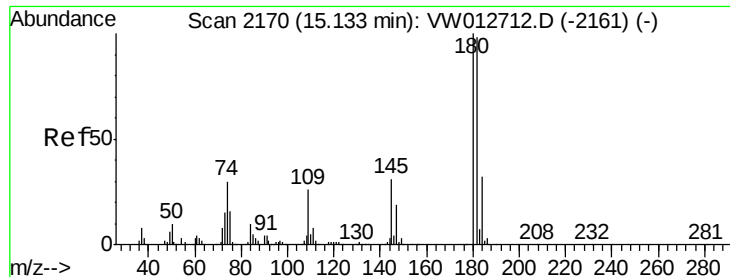
Tgt Ion: 146 Resp: 393318
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.3 63.9
 148 64.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 106.069 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion: 75 Resp: 41346
 Ion Ratio Lower Upper
 75 100
 155 79.2 40.6 122.0
 157 102.4 52.5 157.5

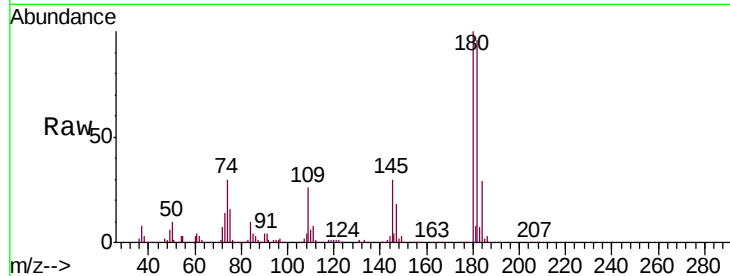




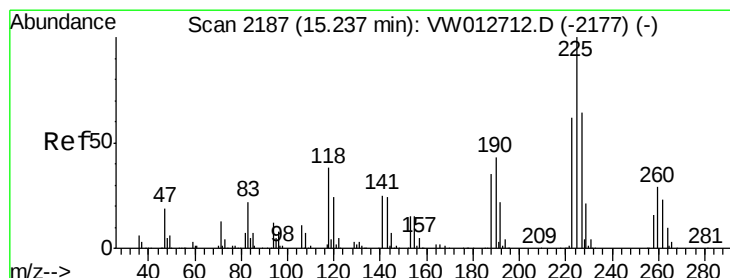
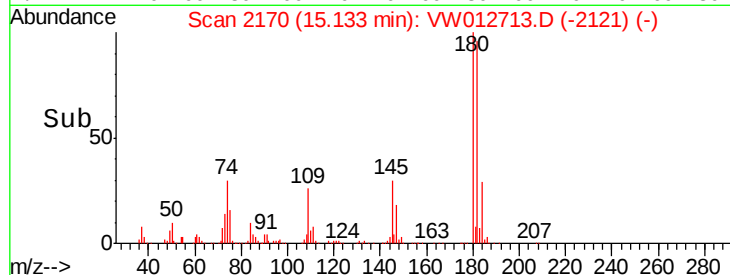
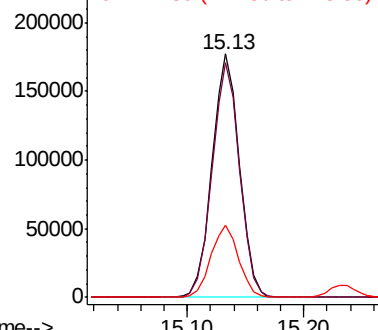
#93
 1,2,4-Trichlorobenzene
 Concen: 98.094 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.7	146.1
145	29.8	15.0	45.1

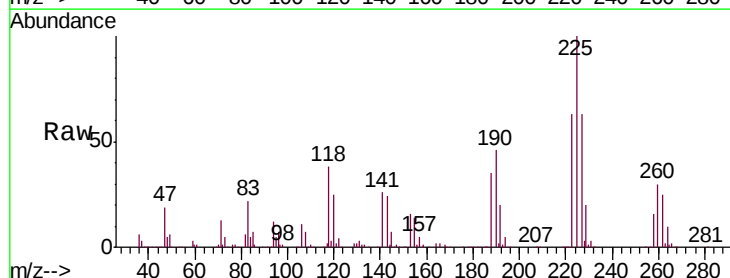


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

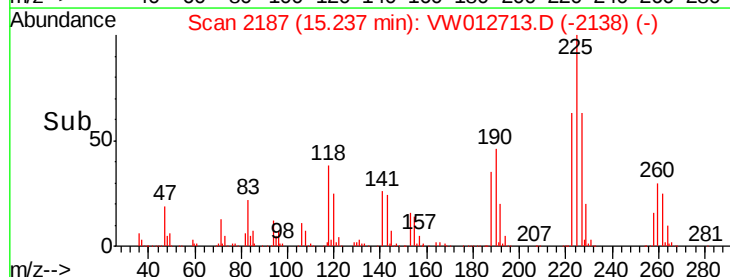
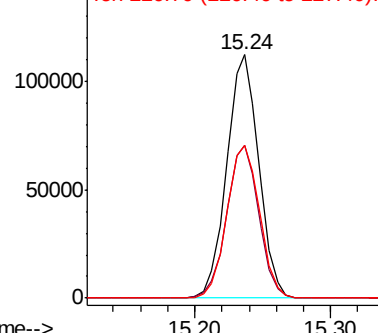


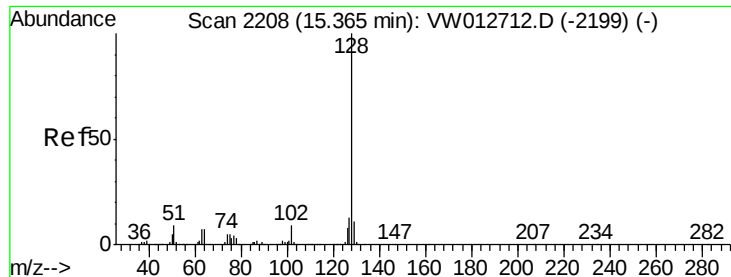
#94
 Hexachlorobutadiene
 Concen: 90.705 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012713.D
 Acq: 07 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.1	93.3
227	63.9	31.4	94.2



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

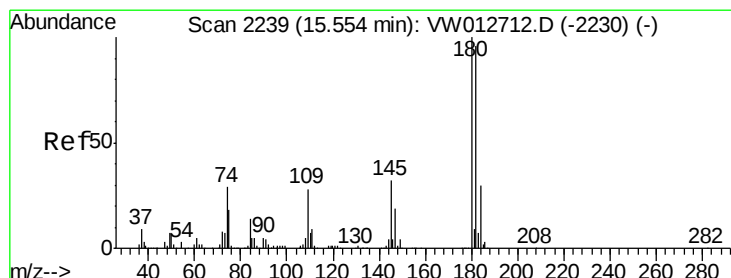
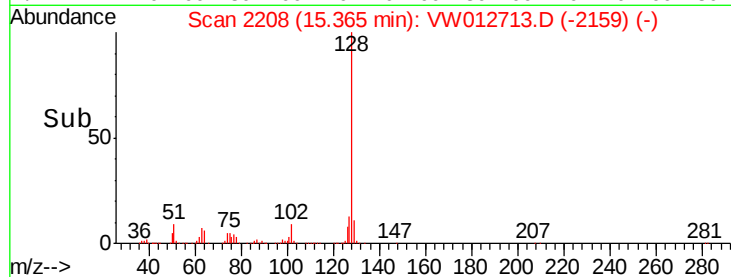
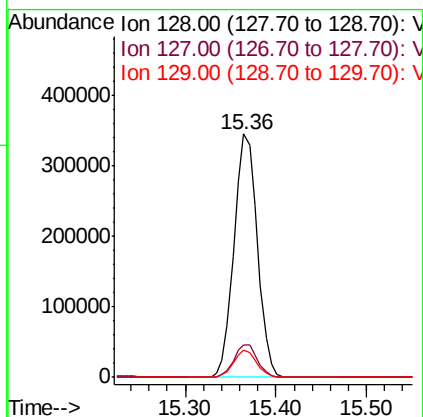
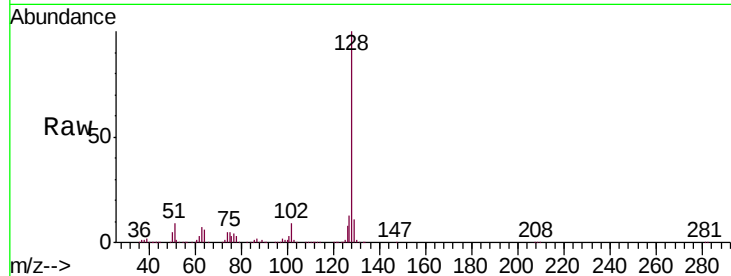




#95
Naphthalene
Concen: 111.724 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 615646
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 93.450 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW012713.D
Acq: 07 Sep 2019 11:30

Tgt Ion:180 Resp: 244140
Ion Ratio Lower Upper
180 100
182 96.5 47.8 143.3
145 32.0 15.4 46.2

