

Data File : VW012709.D
Acq On : 07 Sep 2019 09:45
Operator : SY/VA
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Sep 08 04:49:28 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	283296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	430343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178445	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	16288	5.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.30%	
35) Dibromofluoromethane	7.88	113	13570	5.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.60%	
50) Toluene-d8	10.32	98	51368	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
62) 4-Bromofluorobenzene	12.62	95	19109	5.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.50%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	8848	5.761	ug/l	99
3) Chloromethane	2.21	50	9815	5.259	ug/l	91
4) Vinyl Chloride	2.36	62	12130	5.300	ug/l	97
5) Bromomethane	2.78	94	6197	4.987	ug/l	83
6) Chloroethane	2.92	64	7280	5.331	ug/l	98
7) Trichlorofluoromethane	3.26	101	7866	4.981	ug/l	89
8) Diethyl Ether	3.68	74	6821	5.139	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	12673	5.114	ug/l	98
10) Methyl Iodide	4.27	142	15882	5.091	ug/l	99
11) Tert butyl alcohol	5.18	59	6013	24.828	ug/l	95
12) 1,1-Dichloroethene	4.04	96	12286	5.252	ug/l	87
13) Acrolein	3.90	56	6540	25.447	ug/l	97
14) Allyl chloride	4.67	41	24499	5.062	ug/l	99
15) Acrylonitrile	5.37	53	17102	22.060	ug/l	98
16) Acetone	4.14	43	19451	22.540	ug/l	93
17) Carbon Disulfide	4.38	76	23938	4.820	ug/l #	92
18) Methyl Acetate	4.68	43	9634	4.758	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	22843	4.923	ug/l	98
20) Methylene Chloride	4.91	84	15823	5.861	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	11537	4.833	ug/l	96
22) Diisopropyl ether	6.31	45	48623	5.066	ug/l #	88
23) Vinyl Acetate	6.26	43	135538	22.281	ug/l	99
24) 1,1-Dichloroethane	6.21	63	26156	5.061	ug/l #	96
25) 2-Butanone	7.18	43	24942	21.897	ug/l	100
26) 2,2-Dichloropropane	7.16	77	16686	5.112	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	13361	4.827	ug/l	98
28) Bromochloromethane	7.51	49	11786	4.966	ug/l #	100
29) Tetrahydrofuran	7.53	42	15279	21.926	ug/l	96
30) Chloroform	7.67	83	26925	5.257	ug/l	93
31) Cyclohexane	7.95	56	27179	5.841	ug/l #	81
32) 1,1,1-Trichloroethane	7.87	97	20482	4.933	ug/l	98
36) 1,1-Dichloropropene	8.08	75	18718	4.895	ug/l	98
37) Ethyl Acetate	7.26	43	11454	4.699	ug/l #	95
38) Carbon Tetrachloride	8.07	117	17884	4.745	ug/l	95

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ClientSampleId :
VSTDIC005

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	20001	4.657	ug/l	94
40) Benzene	8.32	78	52194	4.920	ug/l	93
41) Methacrylonitrile	7.49	41	6496	4.420	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	18597	4.981	ug/l	98
43) Isopropyl Acetate	8.43	43	21568	4.670	ug/l	96
44) Trichloroethene	9.09	130	13513	4.941	ug/l	95
45) 1,2-Dichloropropane	9.37	63	14973	5.089	ug/l	99
46) Dibromomethane	9.46	93	6962	4.997	ug/l	94
47) Bromodichloromethane	9.64	83	19766	5.156	ug/l	95
48) Methyl methacrylate	9.43	41	10542	4.777	ug/l	94
49) 1,4-Dioxane	9.47	88	2929	106.421	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	57706	23.814	ug/l	100
52) Toluene	10.38	92	33939	5.126	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	18977	4.814	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	22063	4.934	ug/l	93
55) 1,1,2-Trichloroethane	10.79	97	10432	5.001	ug/l	97
56) Ethyl methacrylate	10.65	69	14267	4.672	ug/l	97
57) 1,3-Dichloropropane	10.93	76	20059	5.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	33422	20.618	ug/l	100
59) 2-Hexanone	10.97	43	41869	23.650	ug/l	100
60) Dibromochloromethane	11.13	129	12289	5.009	ug/l	99
61) 1,2-Dibromoethane	11.24	107	9588	5.013	ug/l	99
64) Tetrachloroethene	10.86	164	11508	5.171	ug/l	94
65) Chlorobenzene	11.66	112	36813	5.311	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	13983	5.417	ug/l	97
67) Ethyl Benzene	11.73	91	69039	5.309	ug/l	98
68) m/p-Xylenes	11.83	106	47577	10.135	ug/l	100
69) o-Xylene	12.16	106	22877	5.166	ug/l	99
70) Styrene	12.18	104	39794	5.085	ug/l	99
71) Bromoform	12.35	173	7542	5.259	ug/l #	98
73) Isopropylbenzene	12.46	105	65615	5.127	ug/l	100
74) N-amyl acetate	12.27	43	20016	4.927	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	13962	5.432	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	18339	10.472	ug/l #	100
77) Bromobenzene	12.74	156	16111	5.556	ug/l	99
78) n-propylbenzene	12.80	91	78837	5.150	ug/l	100
79) 2-Chlorotoluene	12.89	91	43122	4.907	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	51951	4.817	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	4286	4.968	ug/l	95
82) 4-Chlorotoluene	12.99	91	47279	5.087	ug/l	98
83) tert-Butylbenzene	13.21	119	47680	5.000	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	56175	5.169	ug/l	99
85) sec-Butylbenzene	13.38	105	66961	5.060	ug/l	97
86) p-Isopropyltoluene	13.50	119	60172	4.978	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	30999	5.439	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	32296	5.695	ug/l	95
89) n-Butylbenzene	13.82	91	58353	4.973	ug/l	99
90) Hexachloroethane	14.09	117	10233	4.850	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	28497	5.555	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2522	5.362	ug/l	91

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

Data File : VW012709.D
Acq On : 07 Sep 2019 09:45
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Sep 08 04:49:28 2019
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Quant Title : SW846 8260
QLast Update : Sun Sep 08 04:47:02 2019
Response via : Initial Calibration

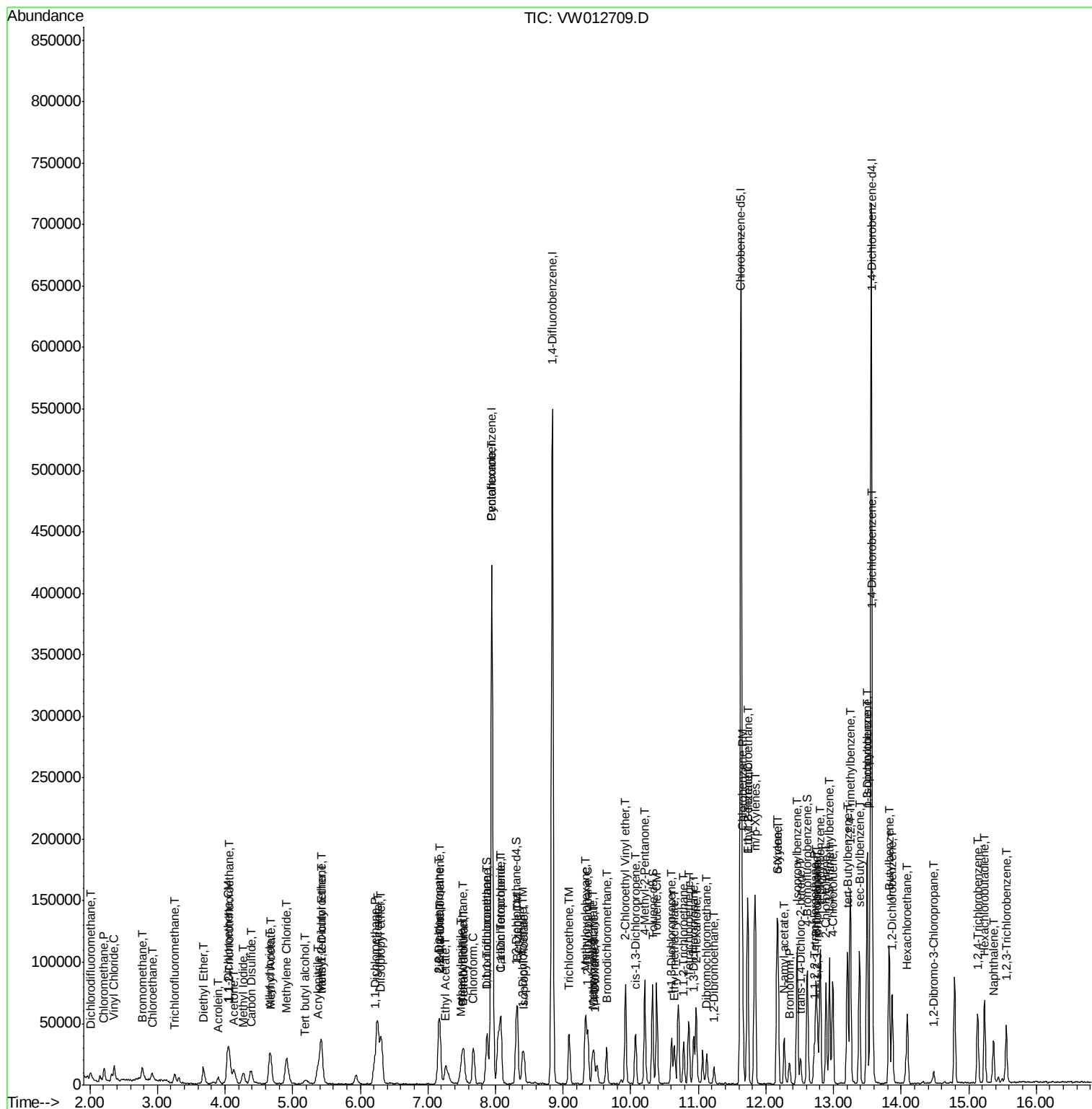
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	17333	4.853	ug/l	98
94) Hexachlorobutadiene	15.24	225	12786	5.172	ug/l	94
95) Naphthalene	15.36	128	28388	4.269	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	15320	4.860	ug/l	94

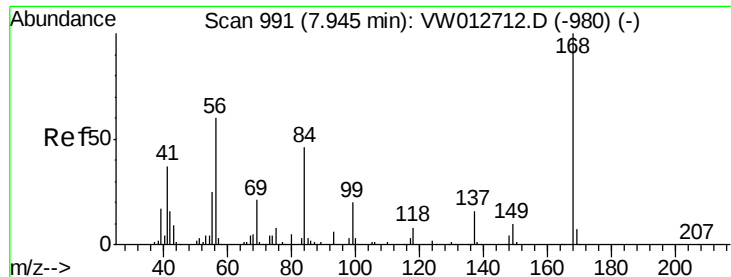
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW012709.D
Acq On : 07 Sep 2019 09:45
Operator : SY/VA
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Sep 08 04:49:28 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

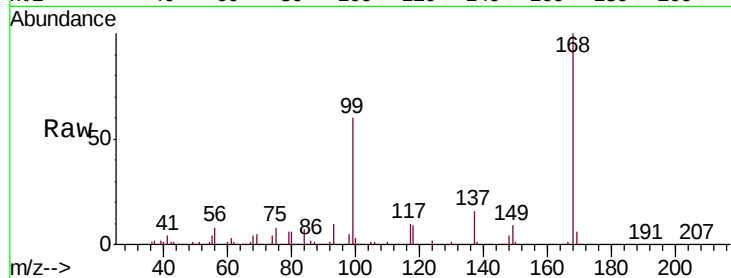
VSTDIC005

Tgt Ion:168 Resp: 283296

Ion Ratio Lower Upper

168 100

99 59.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

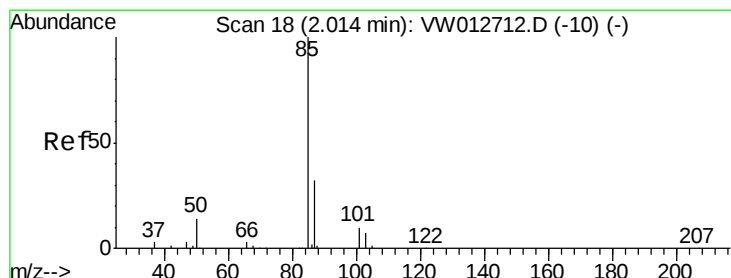
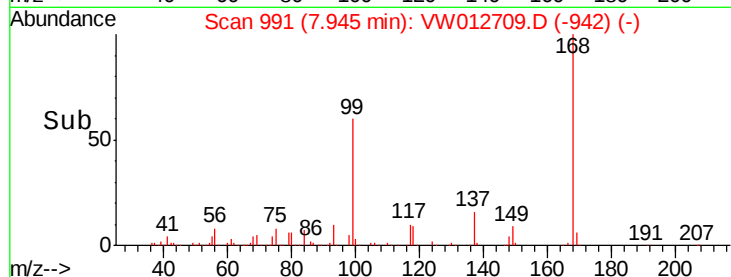
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 5.761 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW012709.D

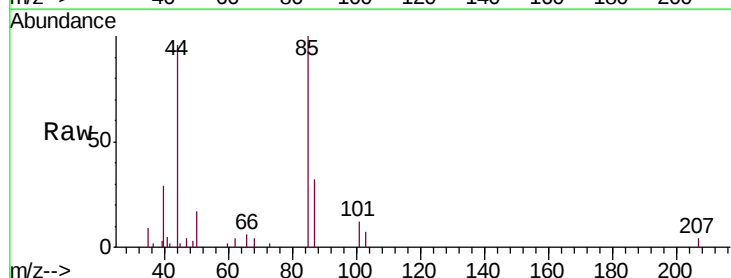
Acq: 07 Sep 2019 09:45

Tgt Ion: 85 Resp: 8848

Ion Ratio Lower Upper

85 100

87 31.9 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

3000

2500

2000

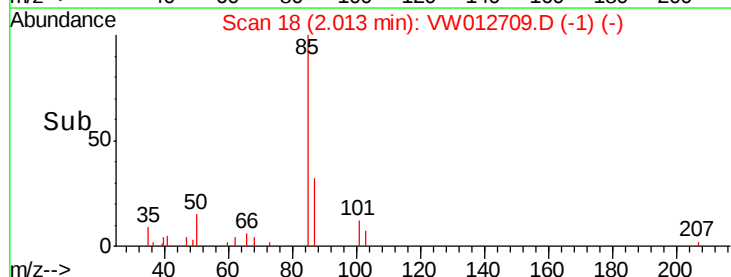
1500

1000

500

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 5.259 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

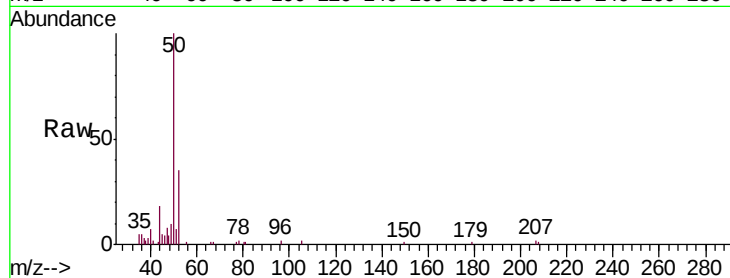
VSTDIC005

Tgt Ion: 50 Resp: 9815

Ion Ratio Lower Upper

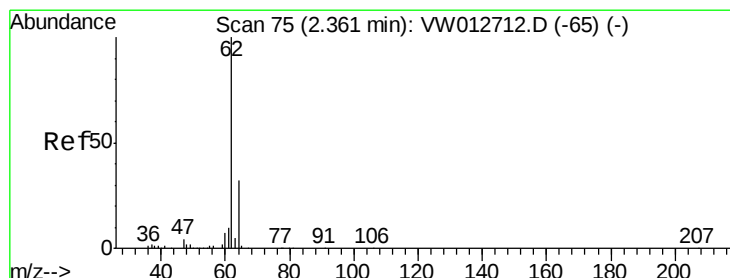
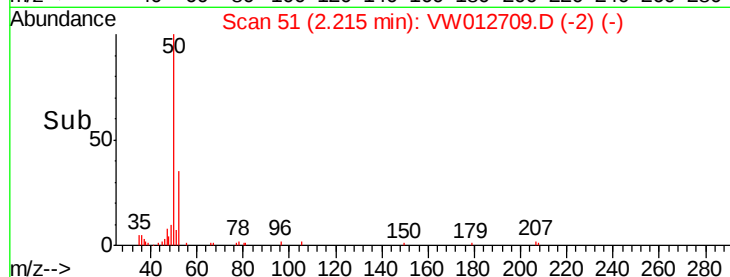
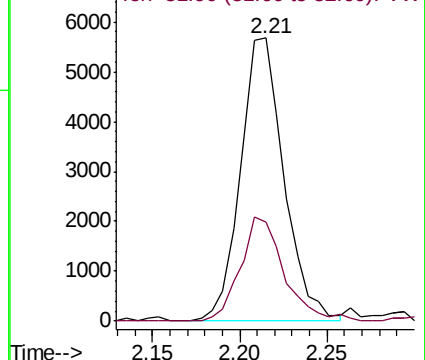
50 100

52 35.2 24.2 36.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 5.300 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012709.D

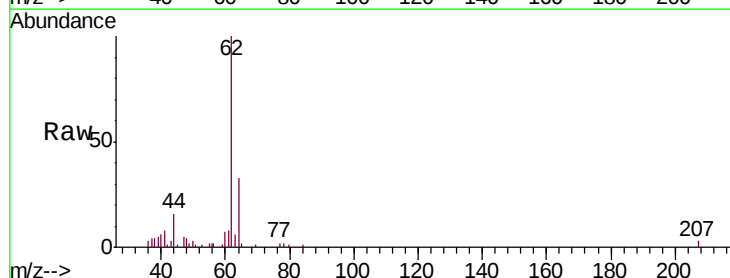
Acq: 07 Sep 2019 09:45

Tgt Ion: 62 Resp: 12130

Ion Ratio Lower Upper

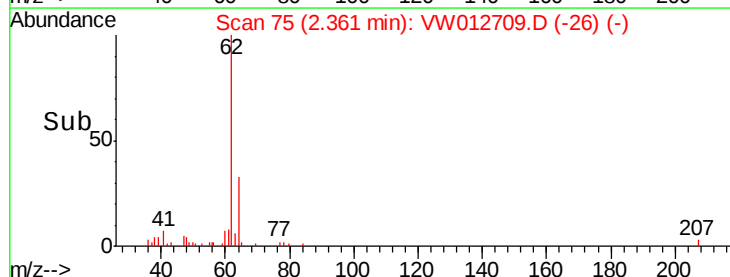
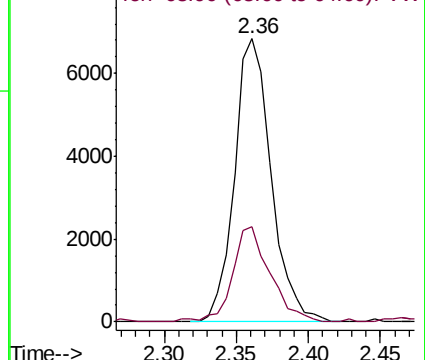
62 100

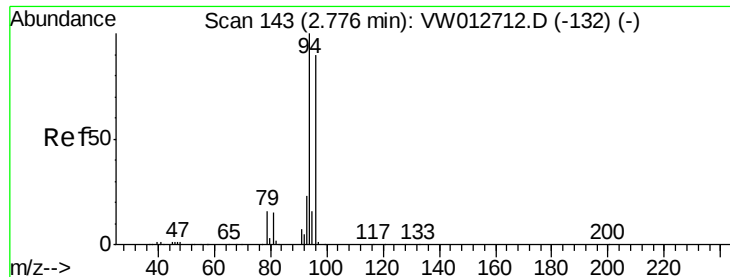
64 33.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 4.987 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

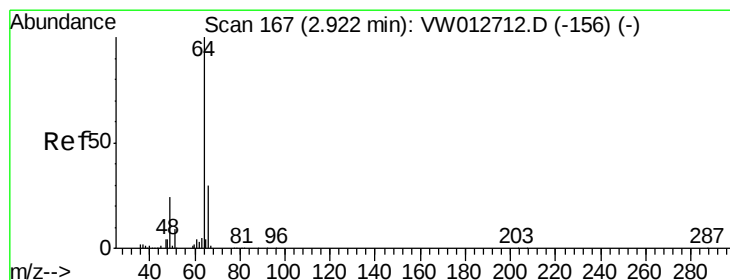
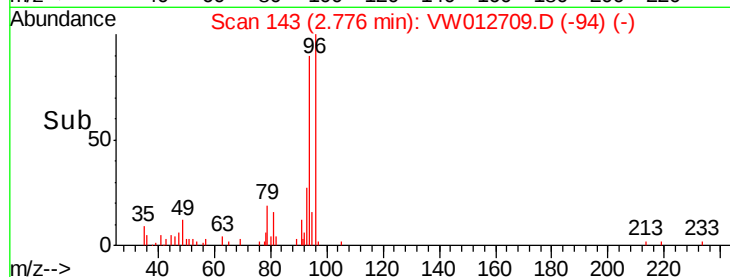
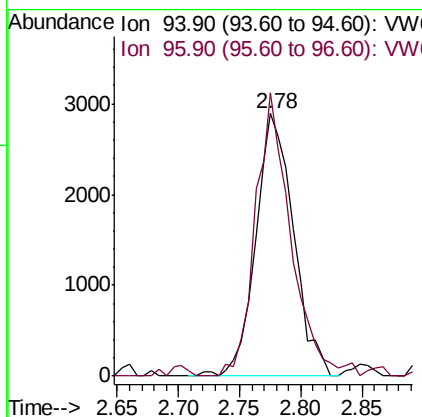
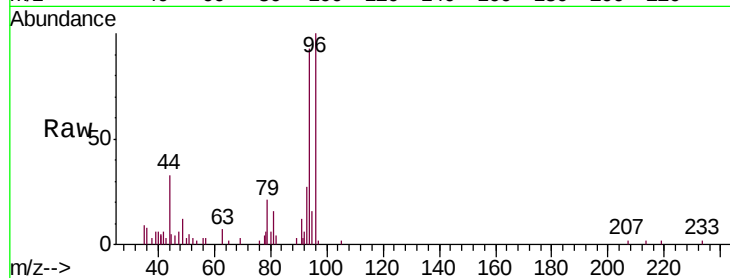
VSTDIC005

Tgt Ion: 94 Resp: 6197

Ion Ratio Lower Upper

94 100

96 105.7 72.1 108.1



#6

Chloroethane

Concen: 5.331 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012709.D

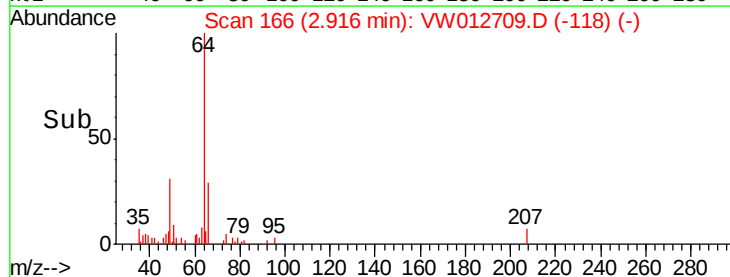
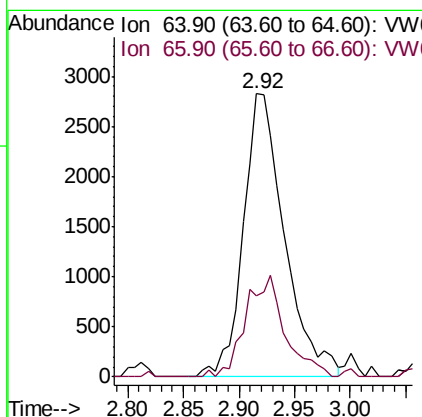
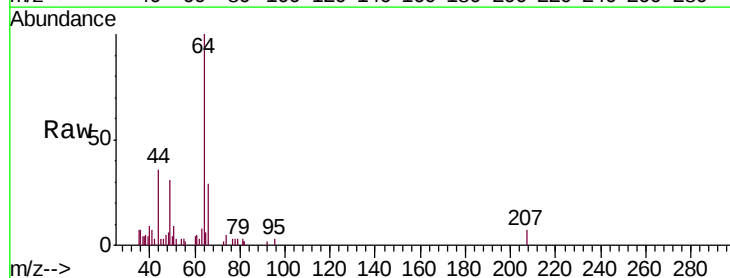
Acq: 07 Sep 2019 09:45

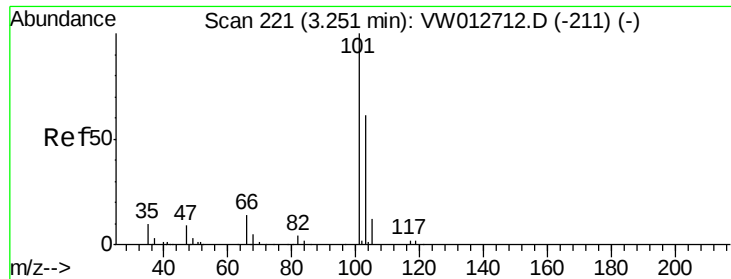
Tgt Ion: 64 Resp: 7280

Ion Ratio Lower Upper

64 100

66 28.8 23.8 35.6



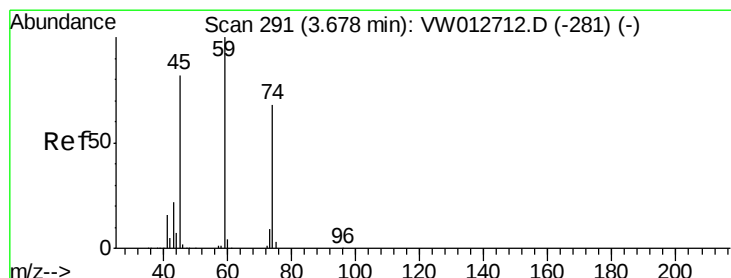
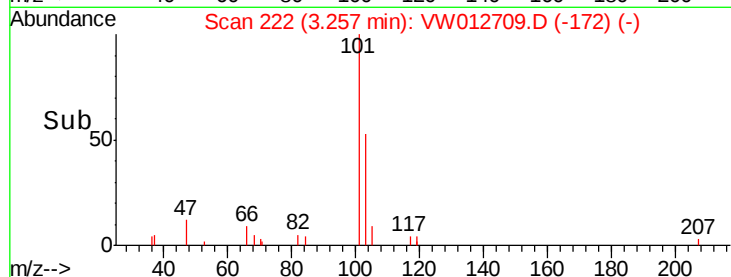
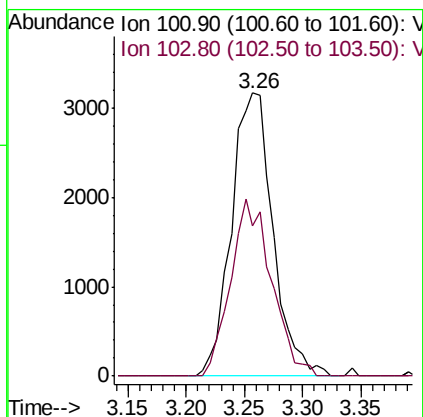
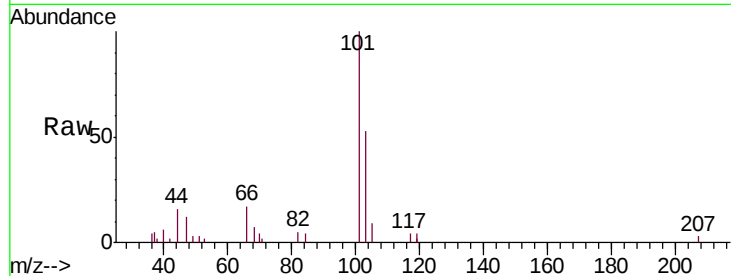


#7

Trichlorofluoromethane
 Concen: 4.981 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VW012709.D
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 MSVOA_W
 ClientSampleId :
 VSTDIC005

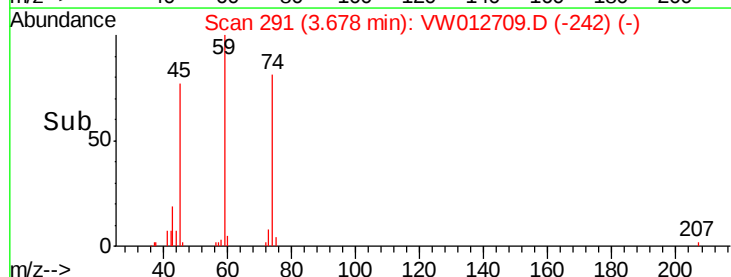
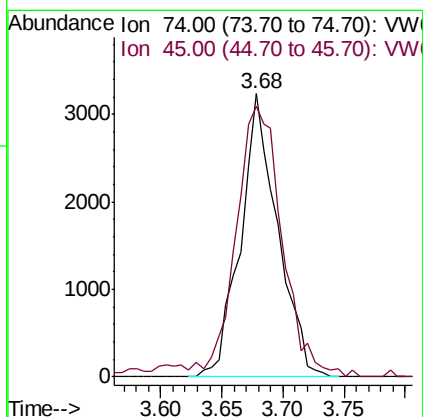
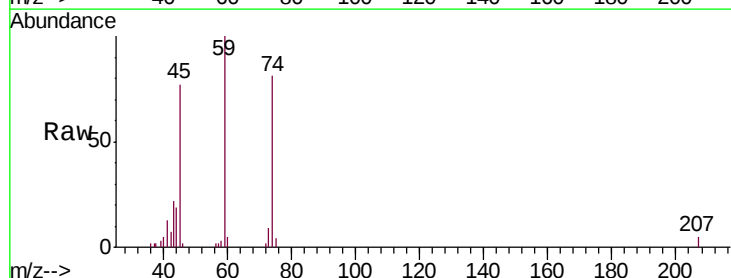
Tgt Ion:101 Resp: 7866
 Ion Ratio Lower Upper
 101 100
 103 53.0 49.0 73.4

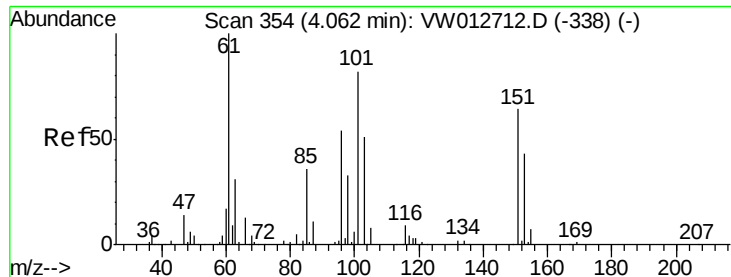


#8

Diethyl Ether
 Concen: 5.139 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion: 74 Resp: 6821
 Ion Ratio Lower Upper
 74 100
 45 118.8 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.114 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

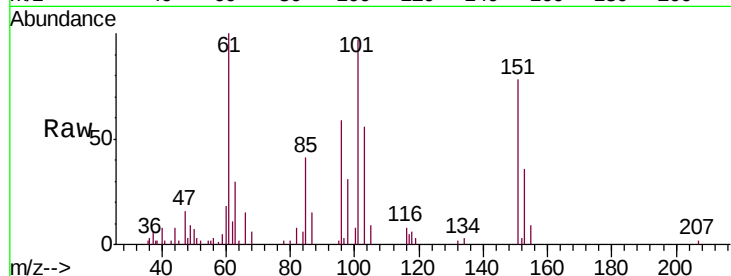
Tgt Ion:101 Resp: 12673

Ion Ratio Lower Upper

101 100

85 47.8 36.2 54.2

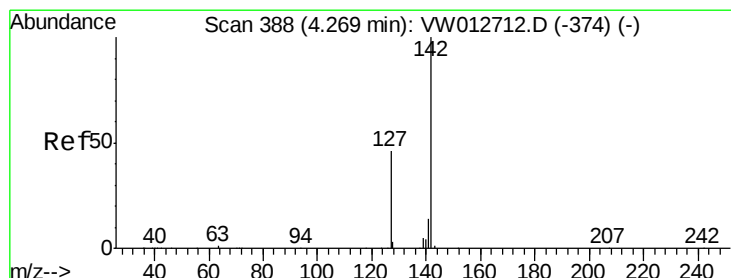
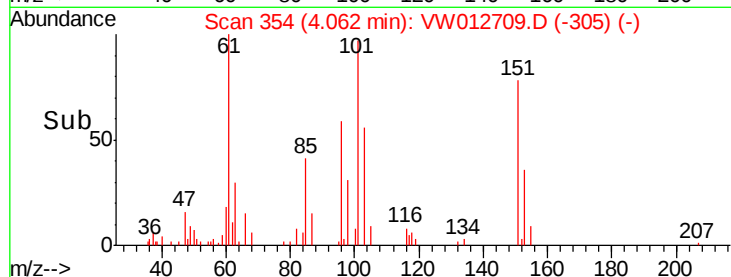
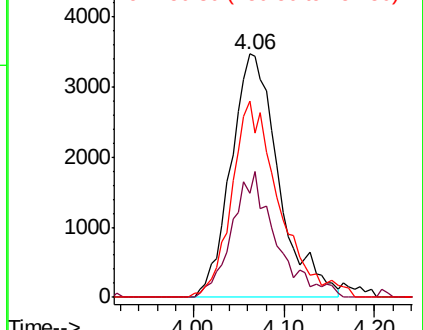
151 78.0 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.091 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

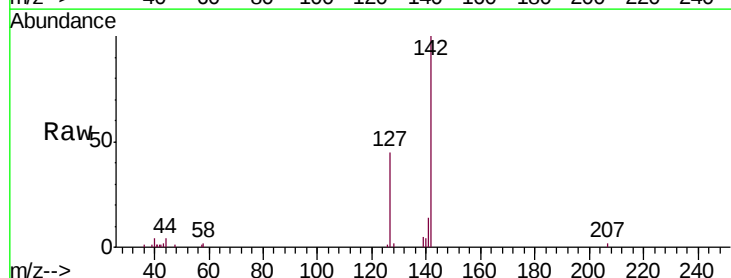
Tgt Ion:142 Resp: 15882

Ion Ratio Lower Upper

142 100

127 44.6 36.0 54.0

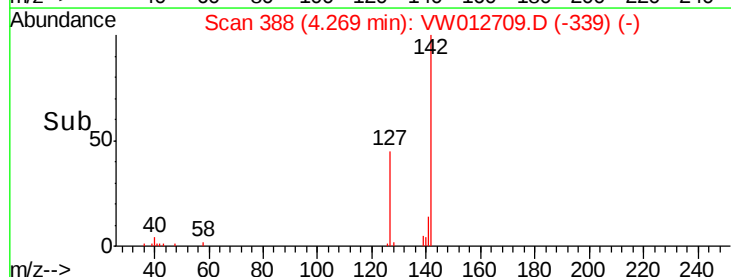
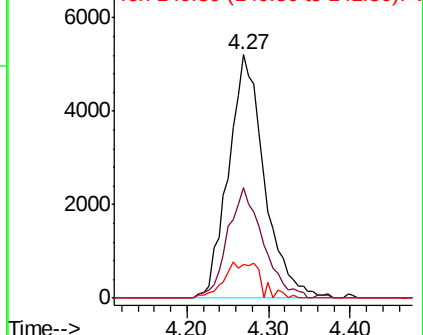
141 14.8 12.2 18.4

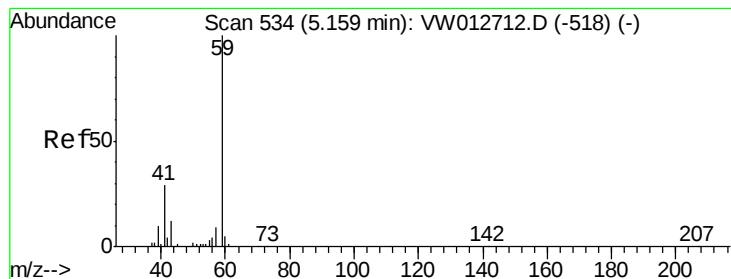


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 24.828 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

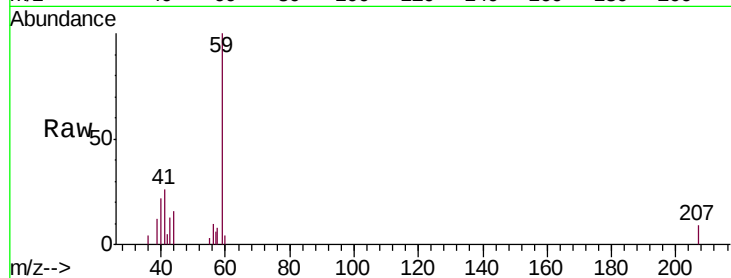
VSTDIC005

Tgt Ion: 59 Resp: 6013

Ion Ratio Lower Upper

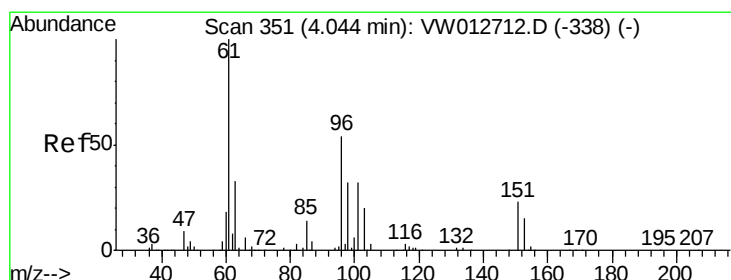
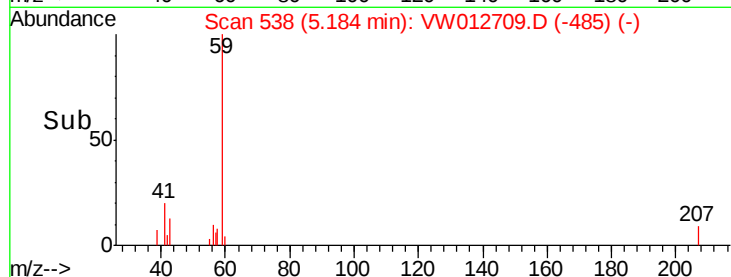
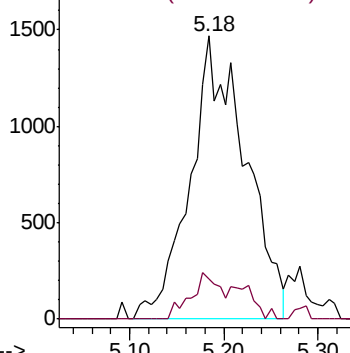
59 100

57 8.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 5.252 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

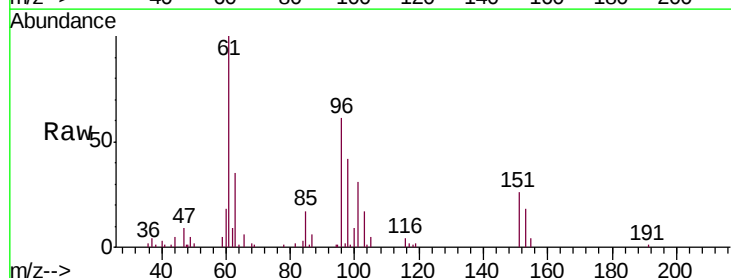
Tgt Ion: 96 Resp: 12286

Ion Ratio Lower Upper

96 100

61 165.2 147.8 221.6

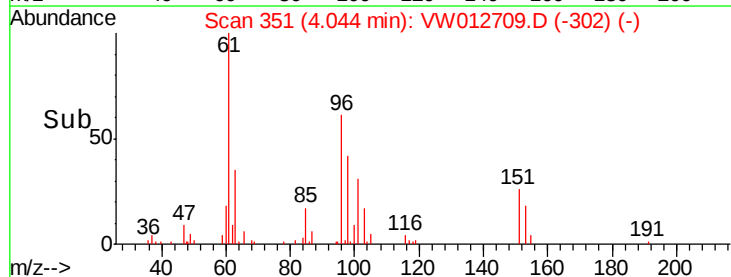
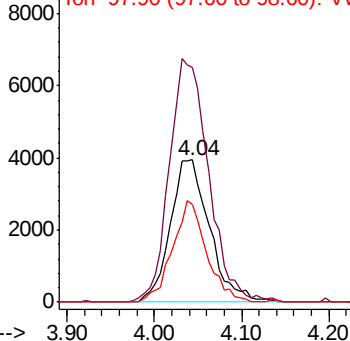
98 68.6 47.9 71.9

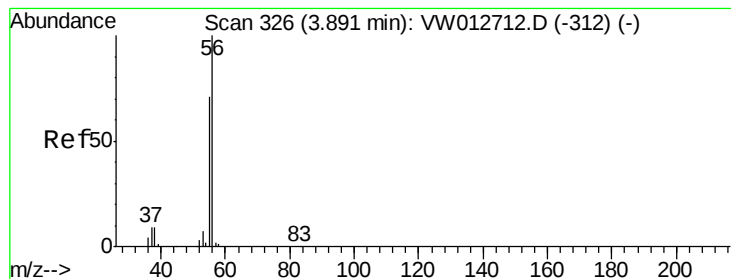


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 25.447 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

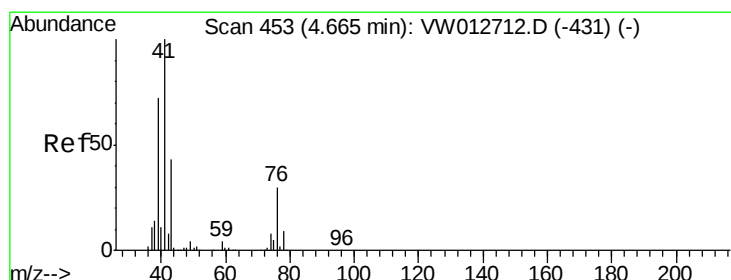
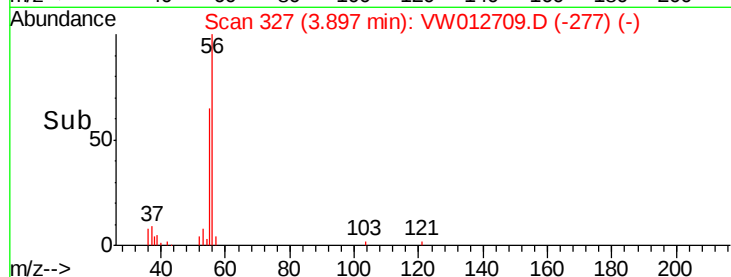
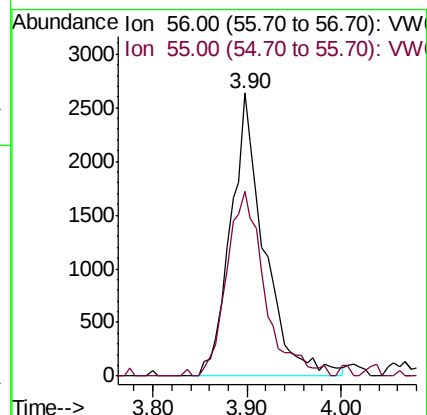
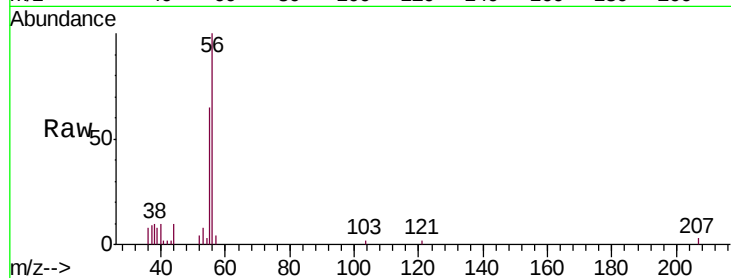
VSTDIC005

Tgt Ion: 56 Resp: 6540

Ion Ratio Lower Upper

56 100

55 73.6 56.9 85.3



#14

Allyl chloride

Concen: 5.062 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

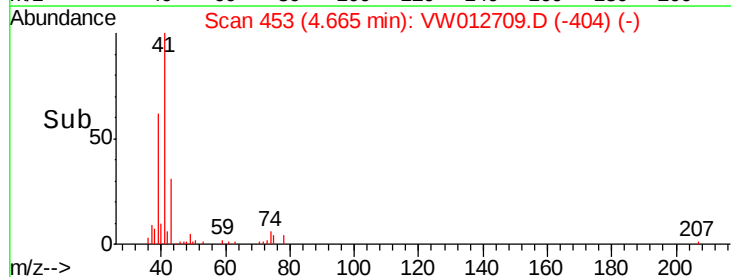
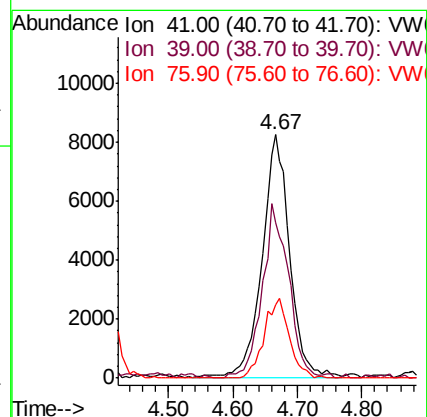
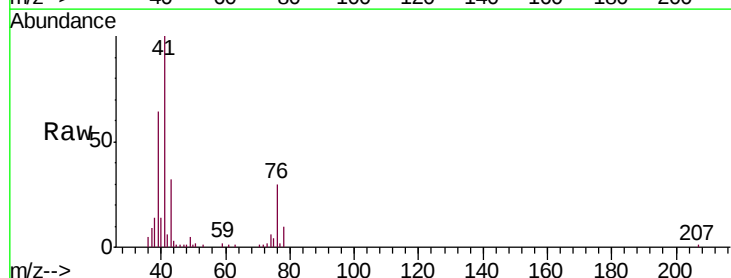
Tgt Ion: 41 Resp: 24499

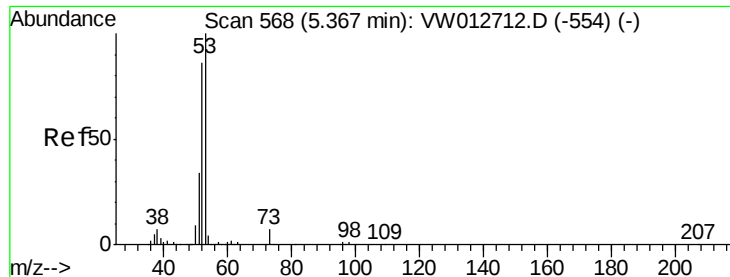
Ion Ratio Lower Upper

41 100

39 68.6 55.0 82.6

76 29.7 23.0 34.4





#15

Acrylonitrile

Concen: 22.060 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

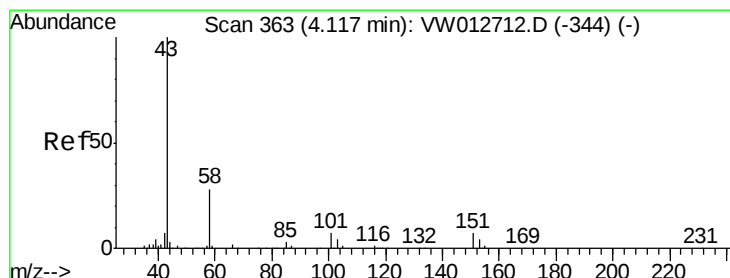
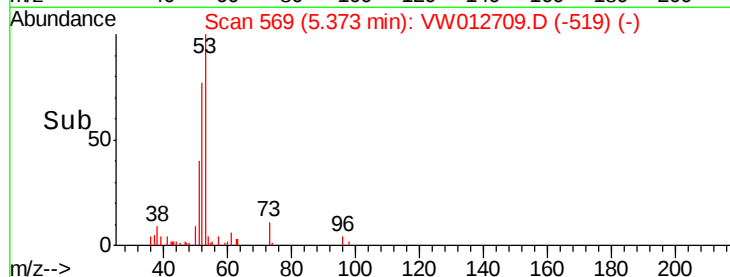
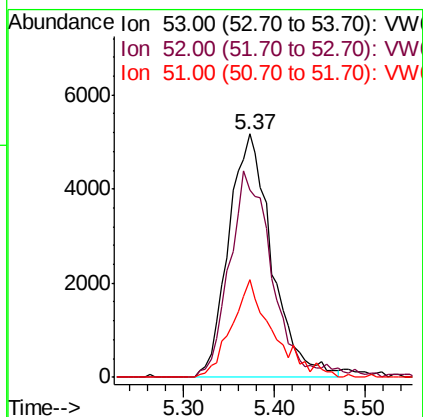
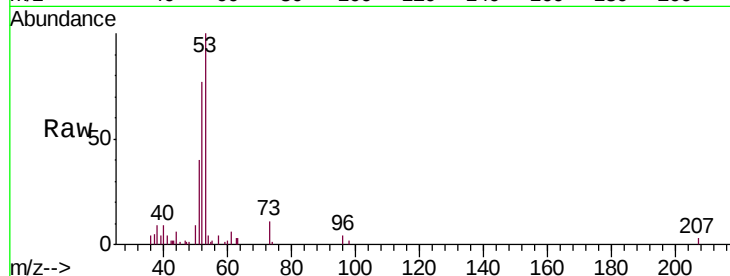
Tgt Ion: 53 Resp: 17102

Ion Ratio Lower Upper

53 100

52 81.4 67.0 100.4

51 37.0 29.8 44.8



#16

Acetone

Concen: 22.540 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012709.D

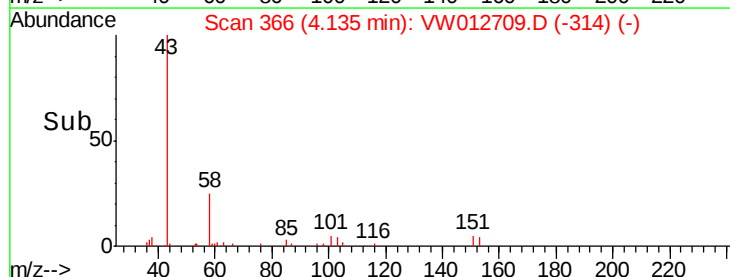
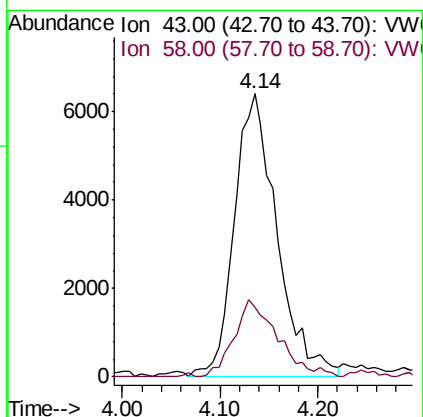
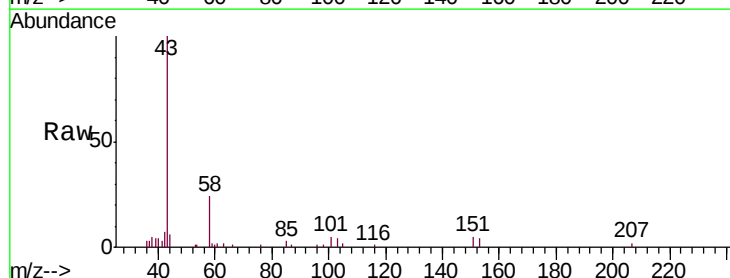
Acq: 07 Sep 2019 09:45

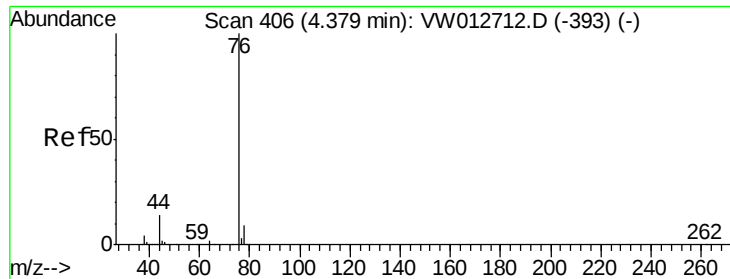
Tgt Ion: 43 Resp: 19451

Ion Ratio Lower Upper

43 100

58 24.4 22.6 33.8

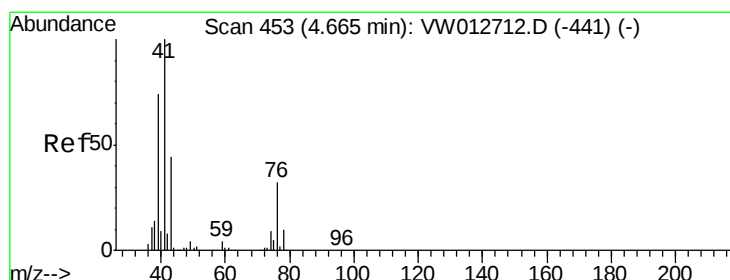
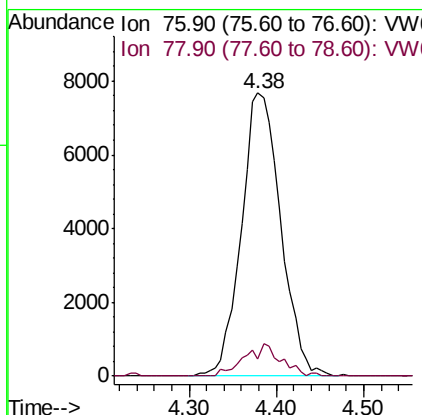
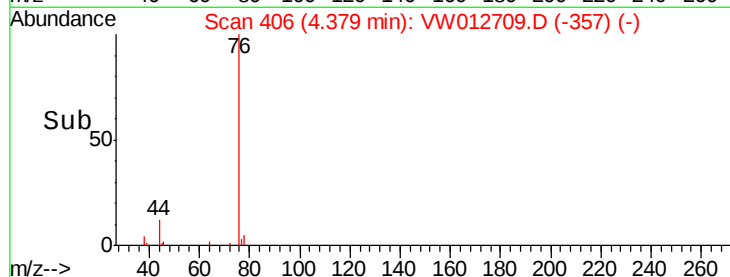
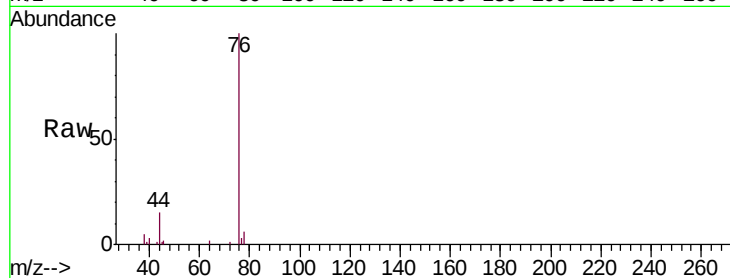




#17
Carbon Disulfide
Concen: 4.820 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

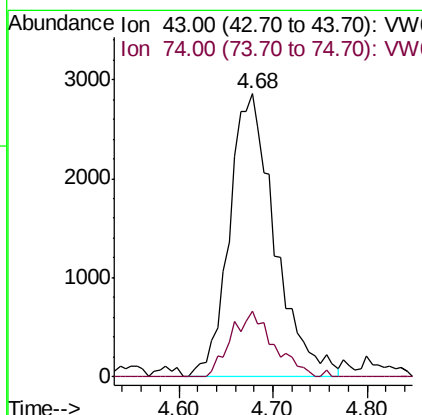
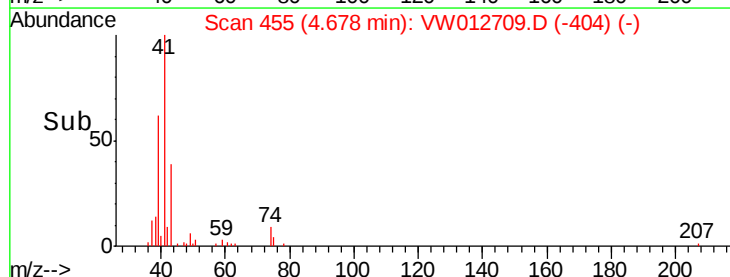
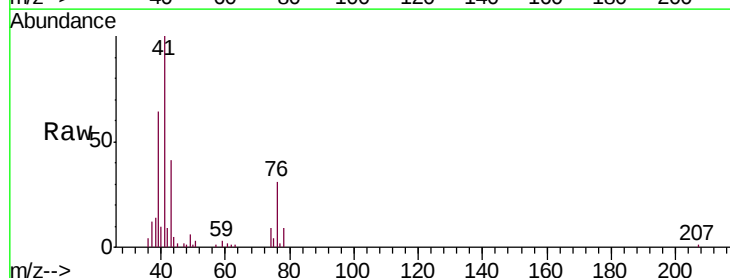
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

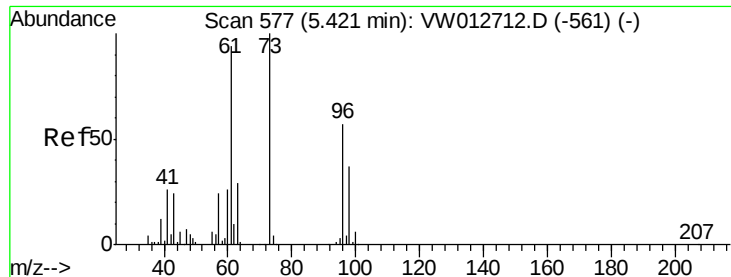
Tgt Ion: 76 Resp: 23938
Ion Ratio Lower Upper
76 100
78 6.3 7.2 10.8#



#18
Methyl Acetate
Concen: 4.758 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion: 43 Resp: 9634
Ion Ratio Lower Upper
43 100
74 21.6 15.8 23.6

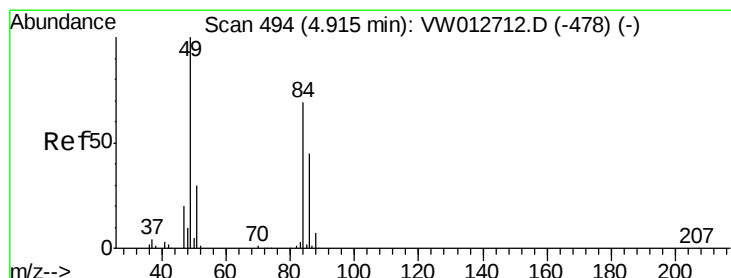
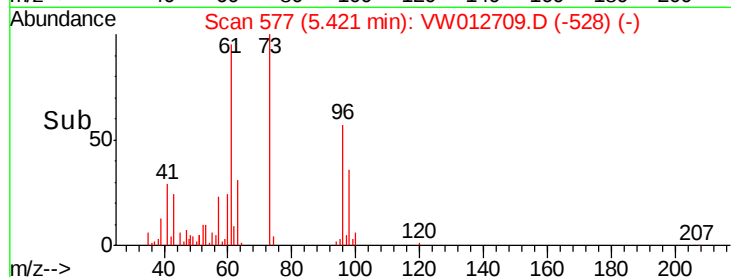
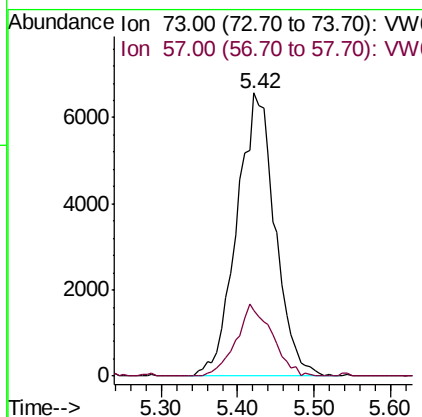
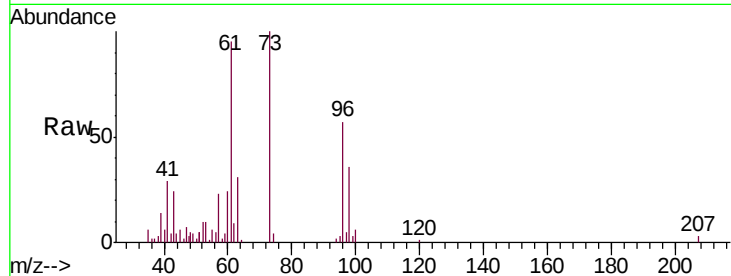




#19
Methyl tert-butyl Ether
Concen: 4.923 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

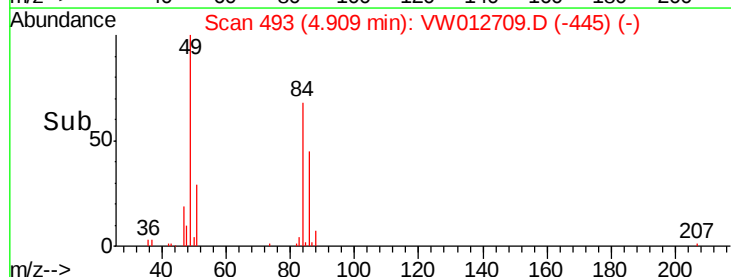
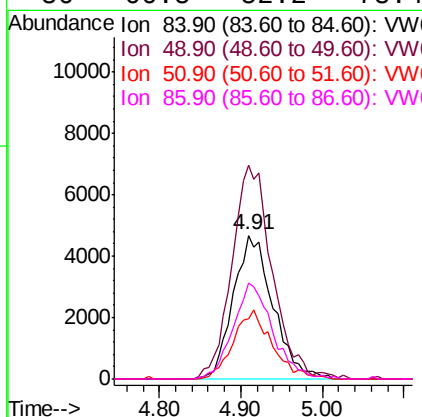
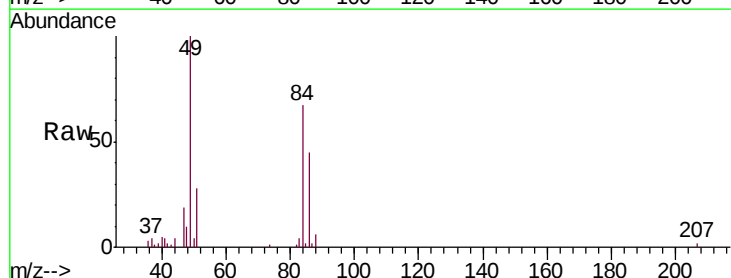
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

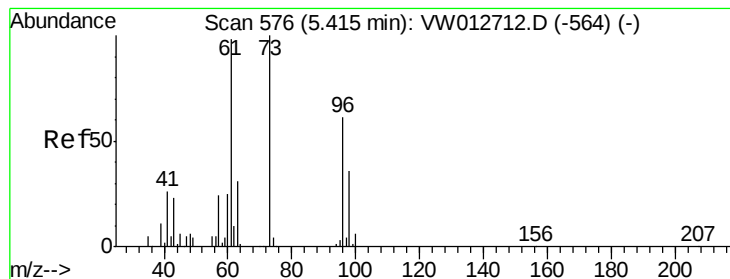
Tgt Ion: 73 Resp: 22843
Ion Ratio Lower Upper
73 100
57 23.2 19.2 28.8



#20
Methylene Chloride
Concen: 5.861 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion: 84 Resp: 15823
Ion Ratio Lower Upper
84 100
49 148.3 115.4 173.0
51 42.2 34.9 52.3
86 66.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 4.833 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

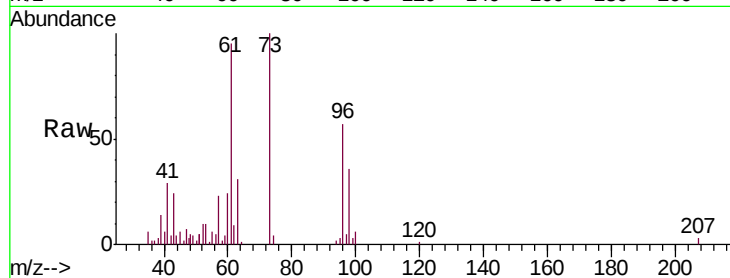
Tgt Ion: 96 Resp: 11537

Ion Ratio Lower Upper

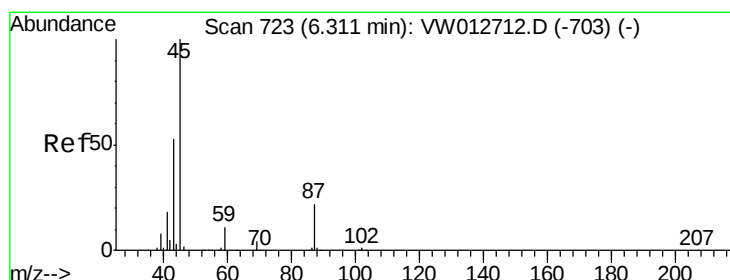
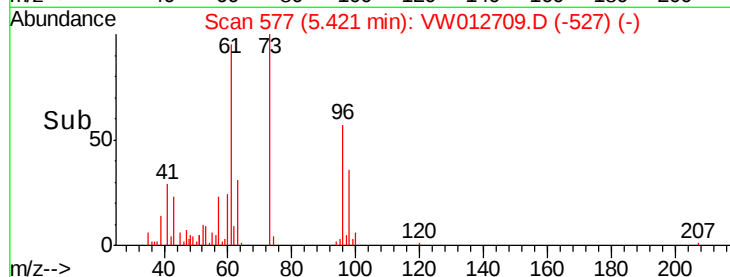
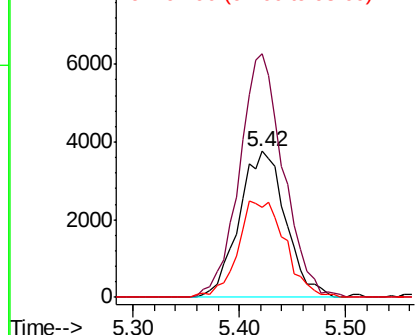
96 100

61 166.8 129.2 193.8

98 62.1 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: 5.066 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Tgt Ion: 45 Resp: 48623

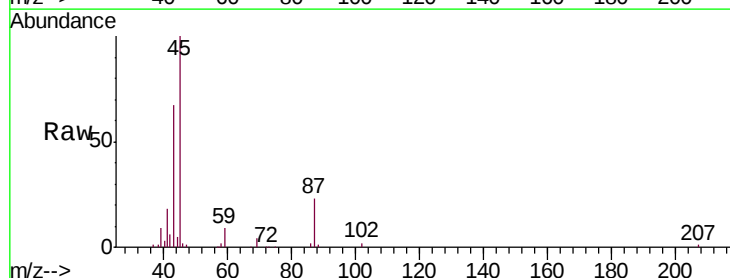
Ion Ratio Lower Upper

45 100

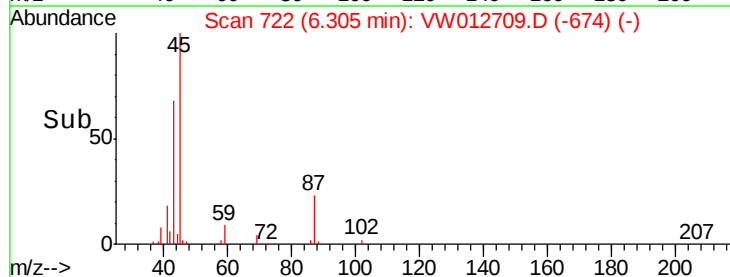
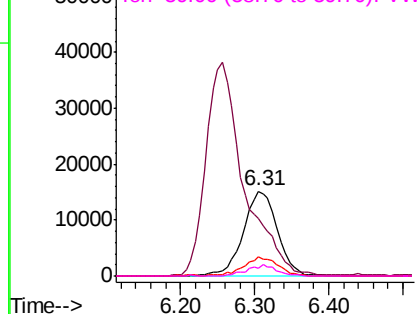
43 66.0 42.3 63.5#

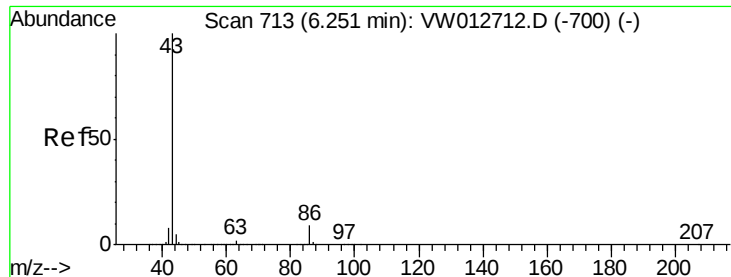
87 22.2 18.2 27.2

59 9.4 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: 22.281 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

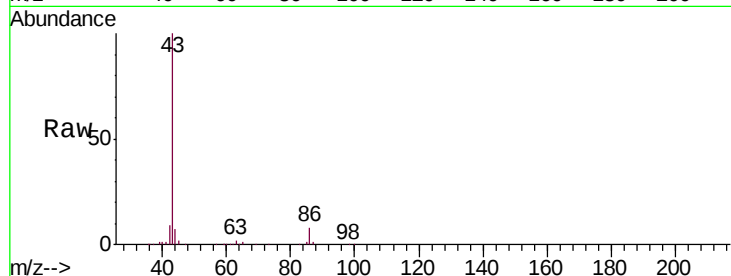
VSTDIC005

Tgt Ion: 43 Resp: 135538

Ion Ratio Lower Upper

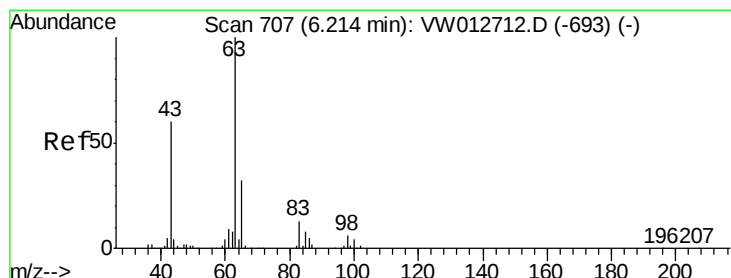
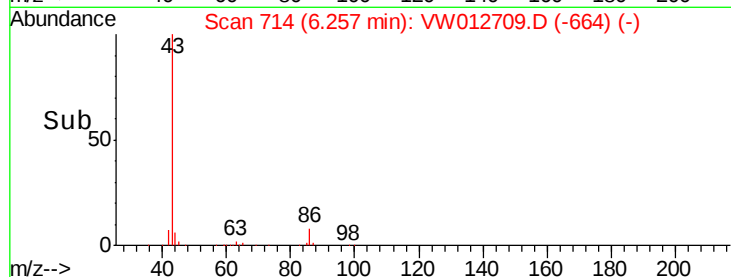
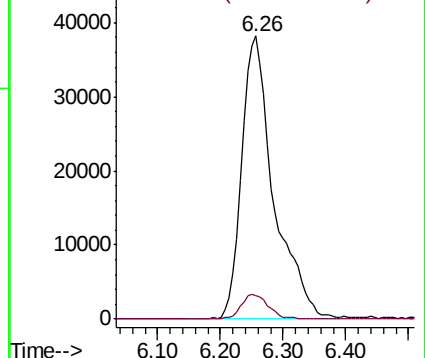
43 100

86 8.3 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: 5.061 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

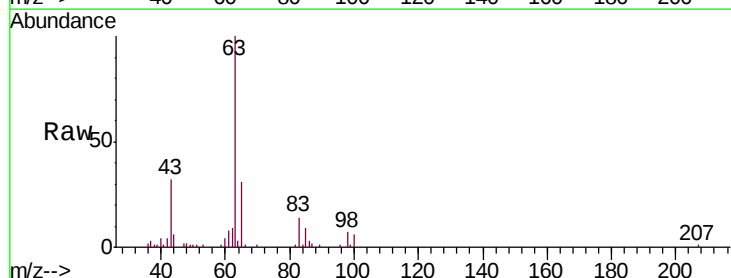
Tgt Ion: 63 Resp: 26156

Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.3

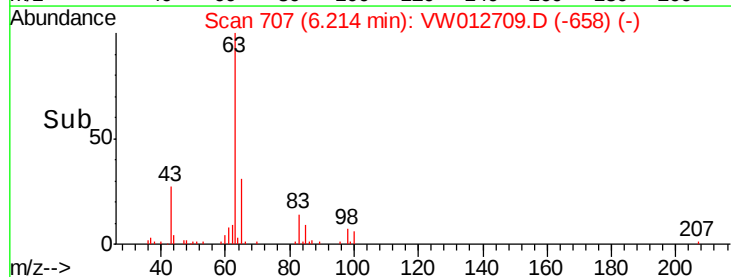
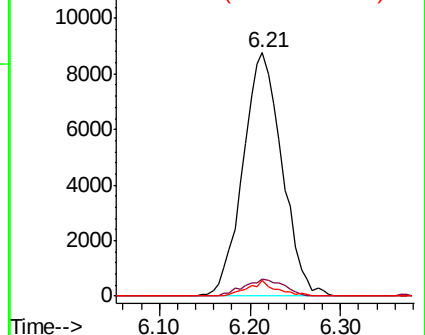
100 6.3 1.8 5.5#

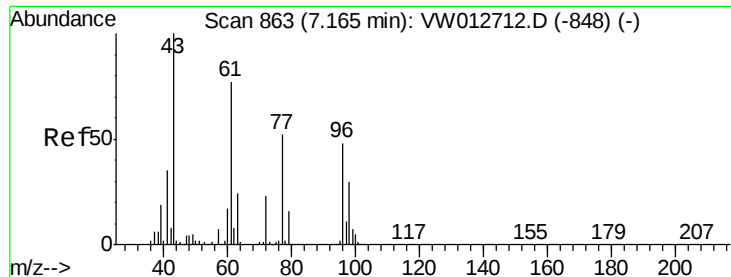


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 21.897 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampled :

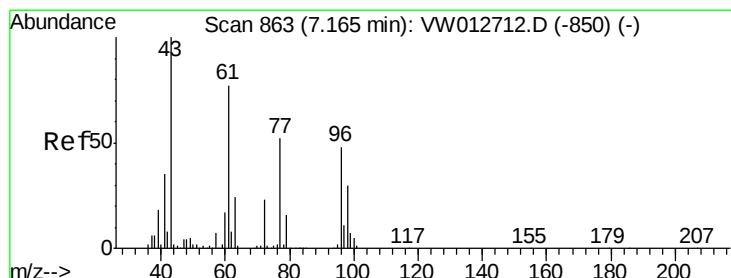
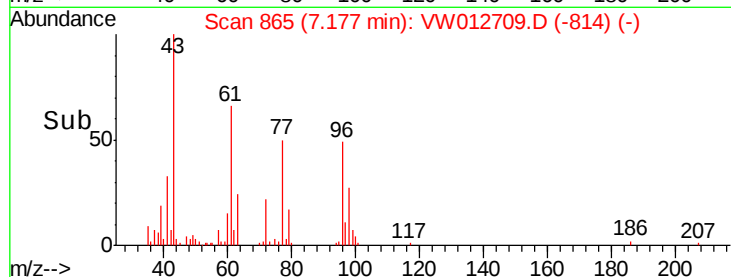
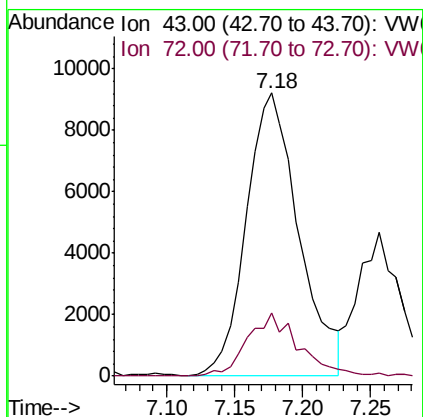
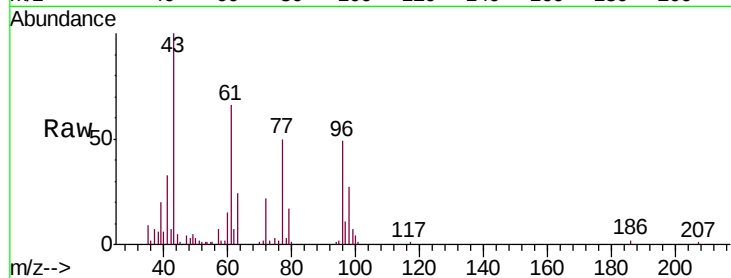
VSTDIC005

Tgt Ion: 43 Resp: 24942

Ion Ratio Lower Upper

43 100

72 22.4 18.0 27.0



#26

2,2-Dichloropropane

Concen: 5.112 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012709.D

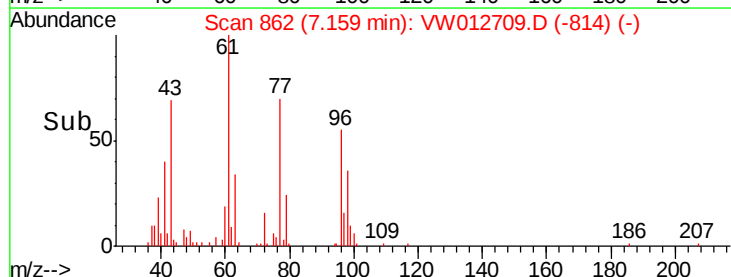
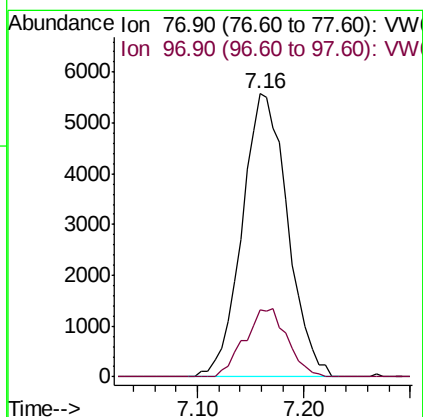
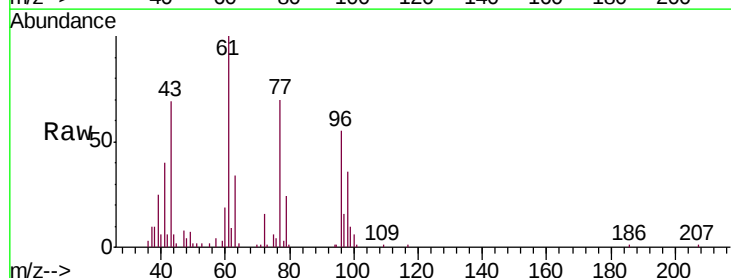
Acq: 07 Sep 2019 09:45

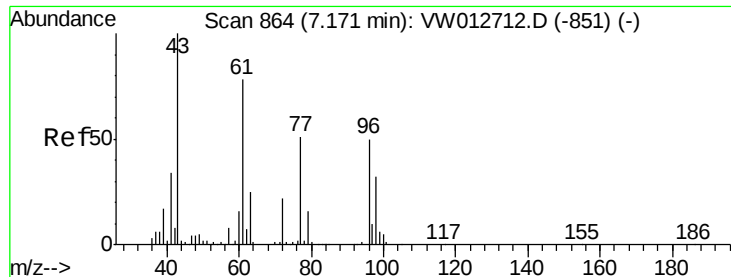
Tgt Ion: 77 Resp: 16686

Ion Ratio Lower Upper

77 100

97 22.7 10.7 32.1



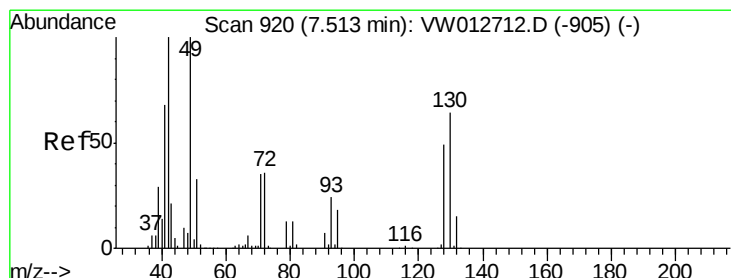
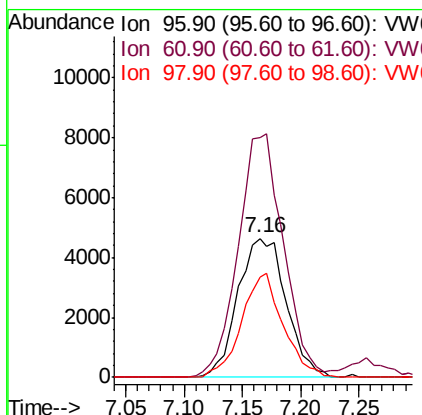
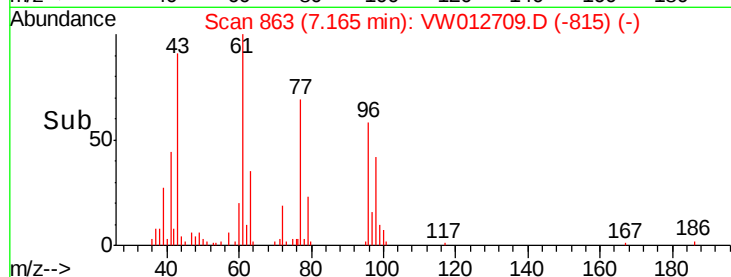
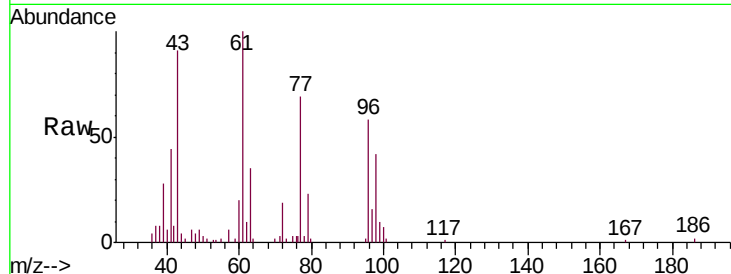


#27

cis-1,2-Dichloroethene
Concen: 4.827 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

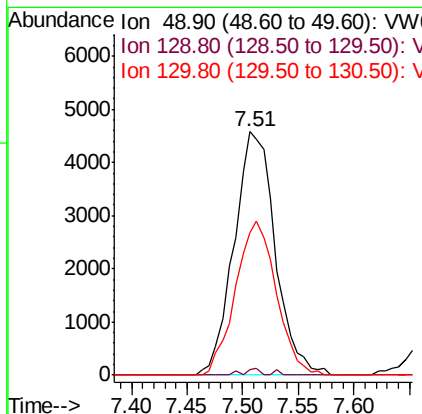
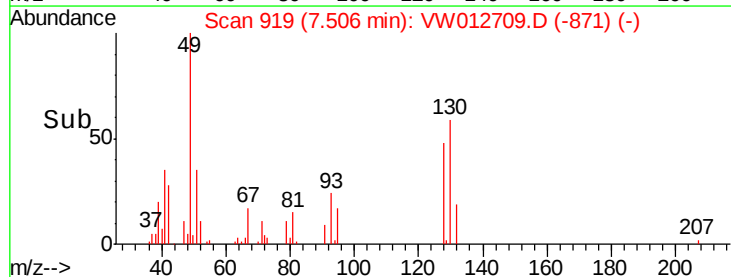
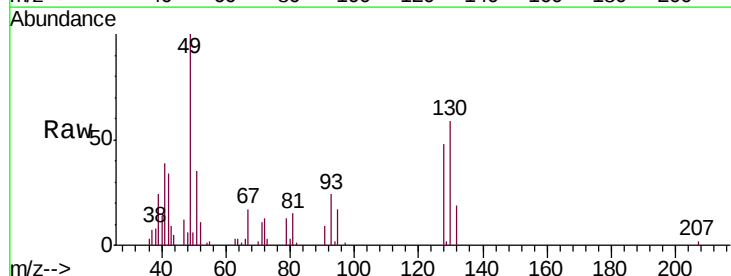
Tgt Ion: 96 Resp: 13361
Ion Ratio Lower Upper
96 100
61 165.7 0.0 325.8
98 64.4 0.0 127.0



#28

Bromochloromethane
Concen: 4.966 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion: 49 Resp: 11786
Ion Ratio Lower Upper
49 100
129 0.9 0.0 0.8#
130 62.4 49.8 74.8

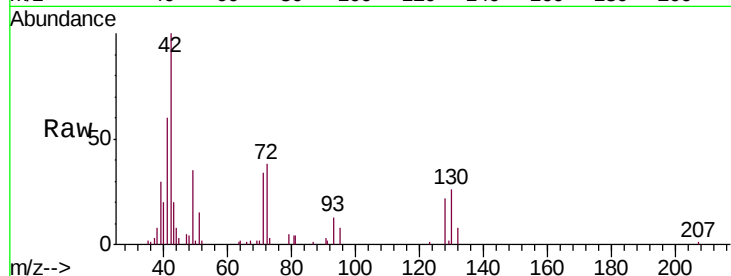




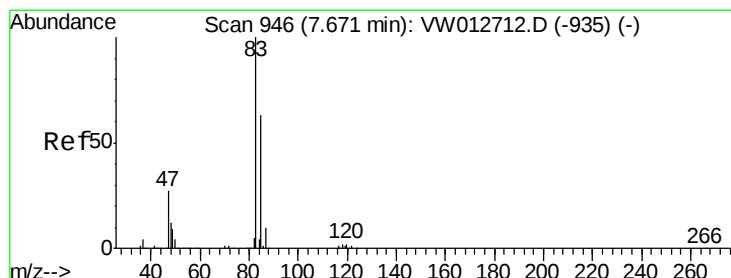
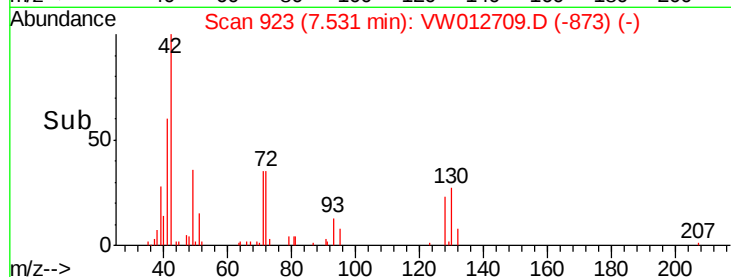
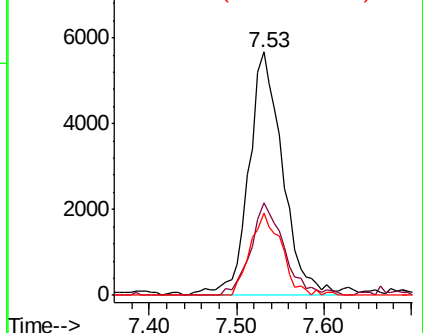
#29
Tetrahydrofuran
Concen: 21.926 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 15279
Ion Ratio Lower Upper
42 100
72 36.7 28.4 42.6
71 31.0 27.1 40.7

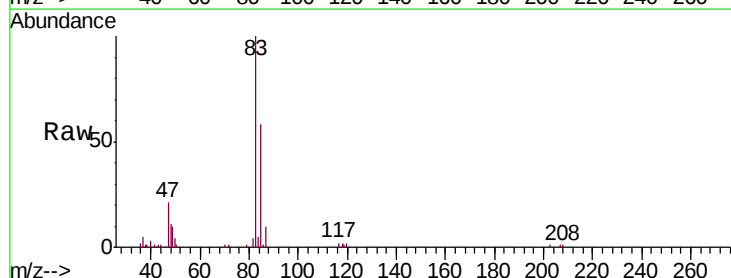


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

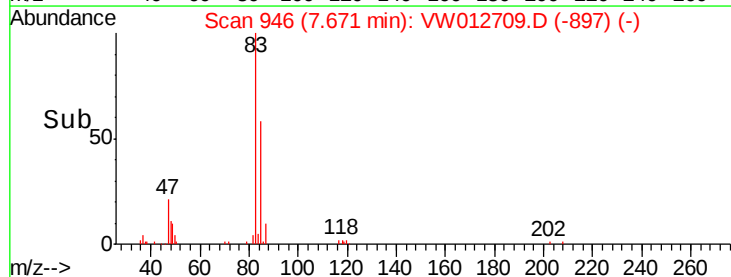
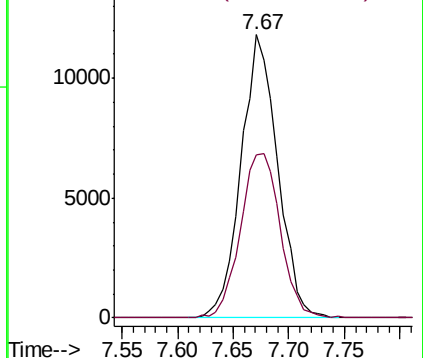


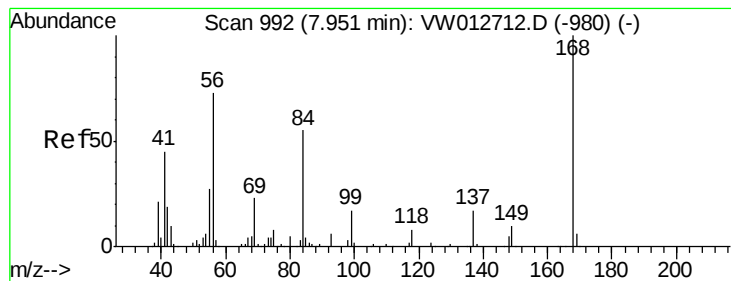
#30
Chloroform
Concen: 5.257 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion: 83 Resp: 26925
Ion Ratio Lower Upper
83 100
85 57.6 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: 5.841 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

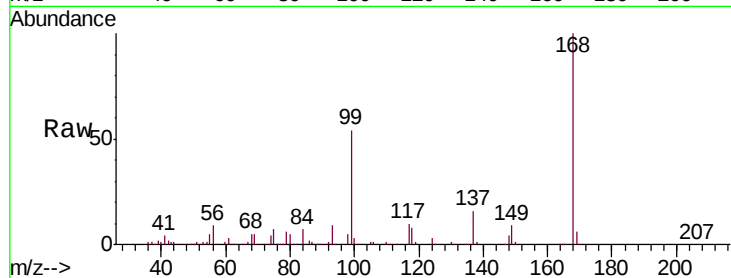
Tgt Ion: 56 Resp: 27179

Ion Ratio Lower Upper

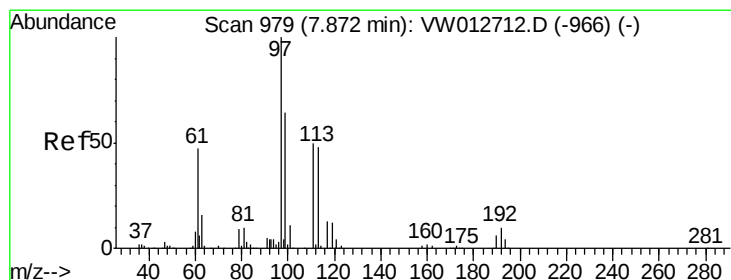
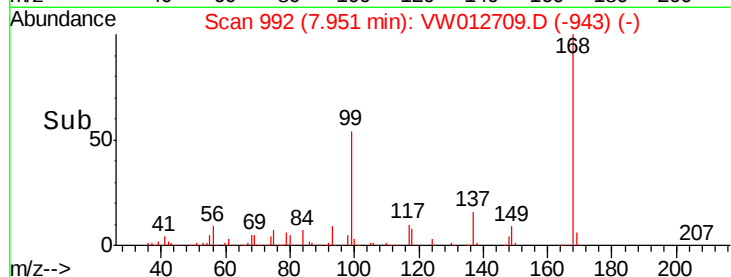
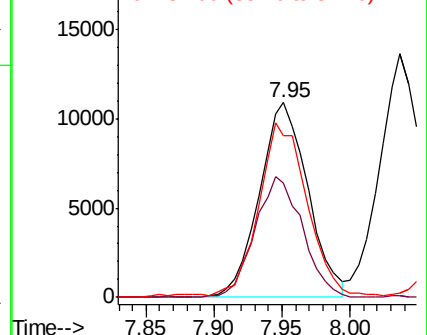
56 100

69 58.5 25.7 38.5#

84 82.0 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: 4.933 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

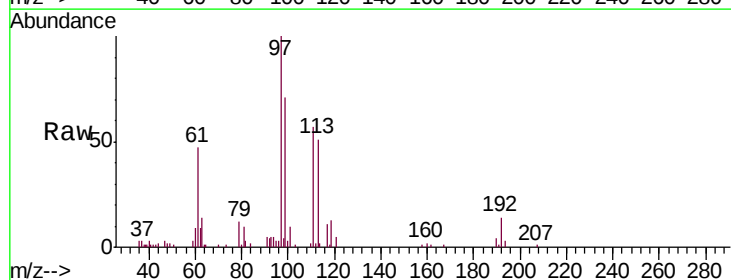
Tgt Ion: 97 Resp: 20482

Ion Ratio Lower Upper

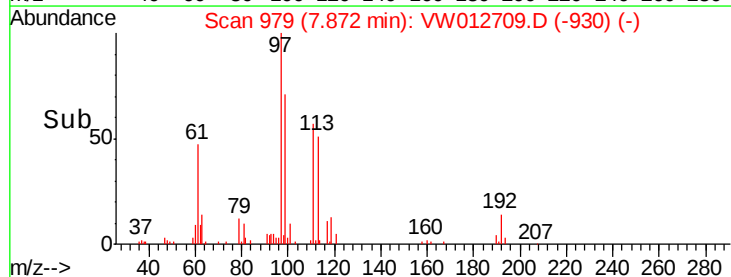
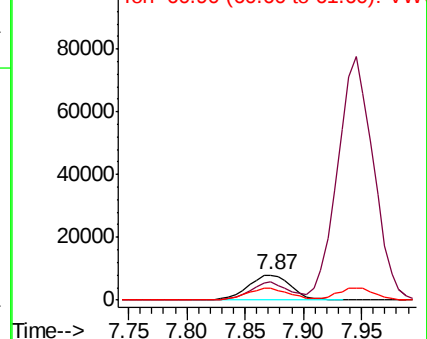
97 100

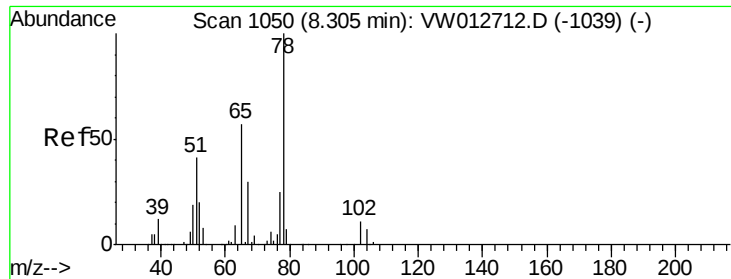
99 66.1 51.5 77.3

61 46.8 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

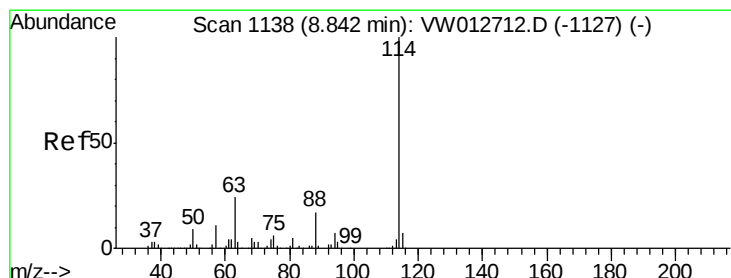
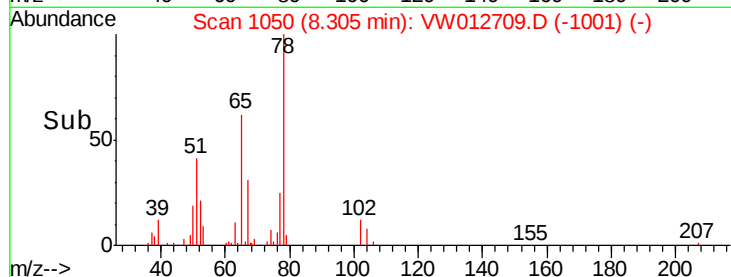
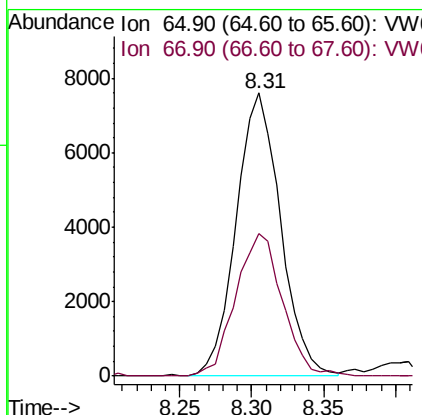
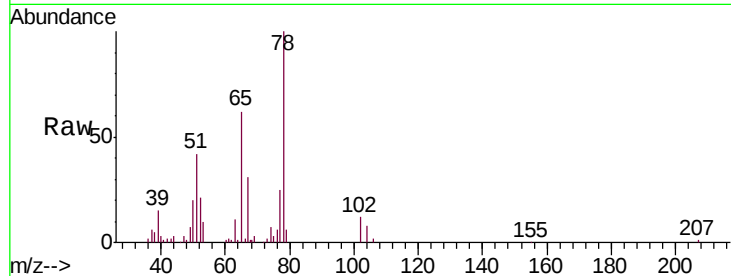




#33
 1,2-Dichloroethane-d4
 Concen: 5.146 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

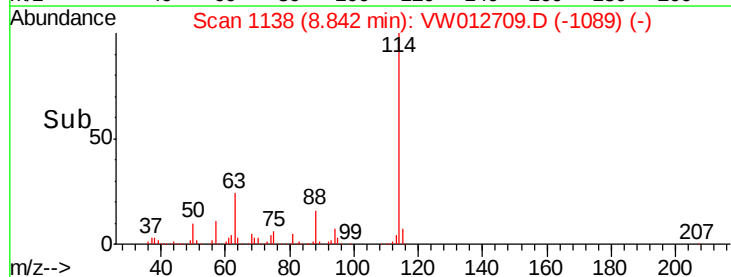
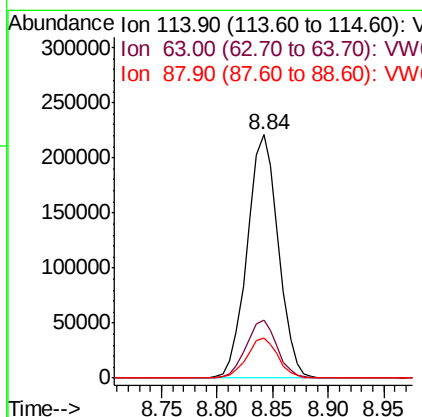
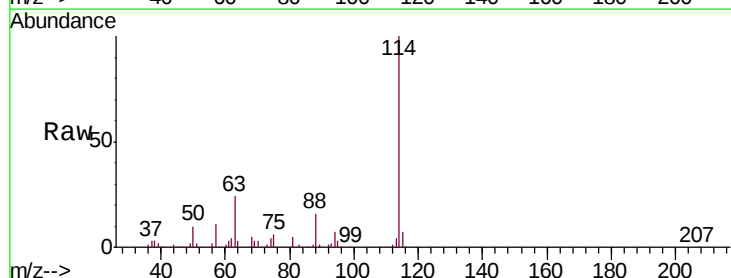
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 65 Resp: 16288
 Ion Ratio Lower Upper
 65 100
 67 52.9 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: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion: 114 Resp: 430343
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 47.2
 88 16.3 0.0 34.0

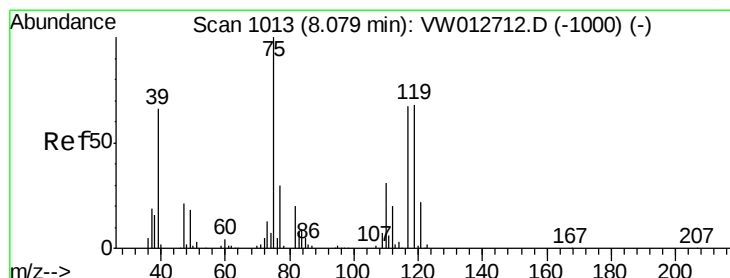
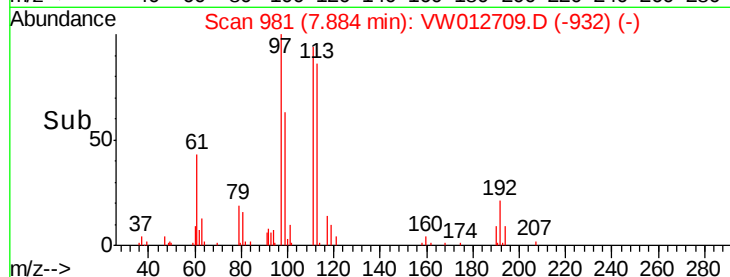
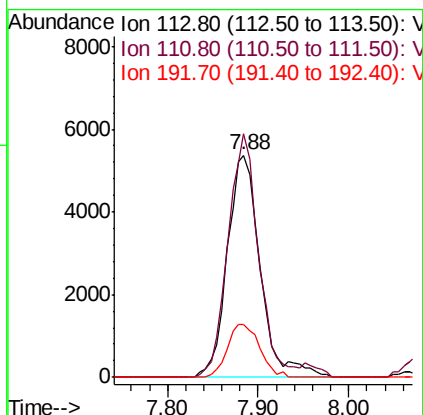
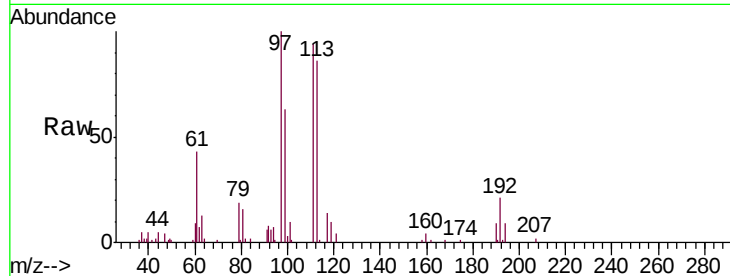




#35
 Dibromofluoromethane
 Concen: 5.304 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

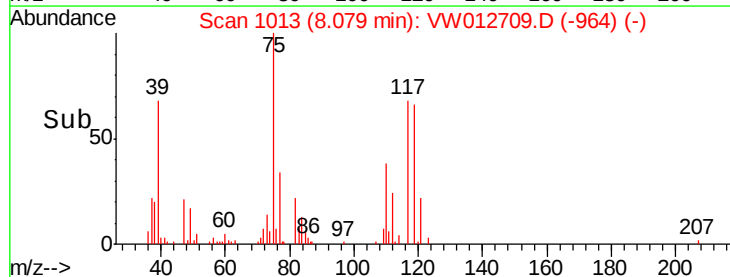
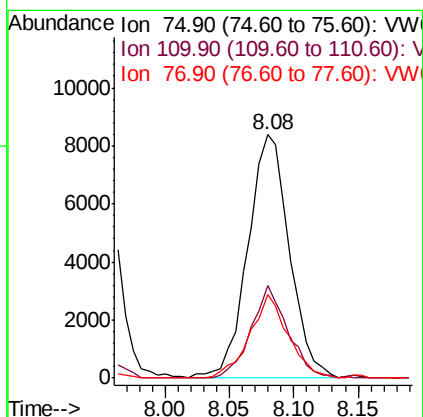
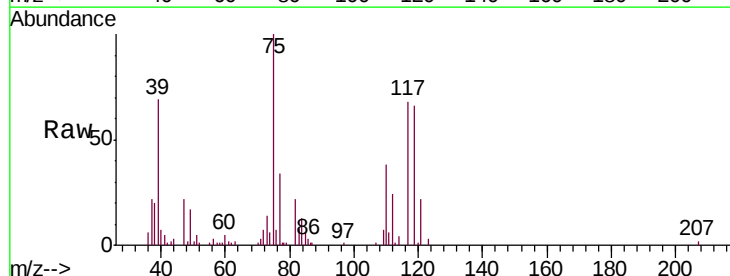
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

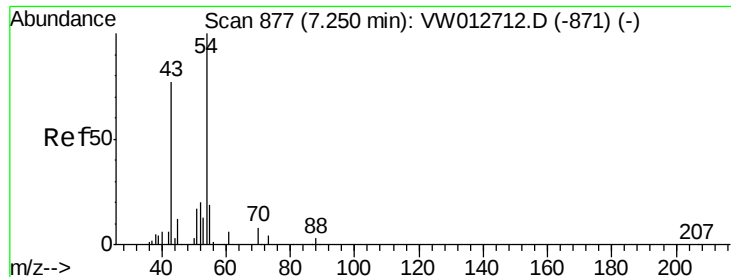
Tgt Ion: 113 Resp: 13570
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.2 120.4
 192 23.1 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 4.895 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion: 75 Resp: 18718
 Ion Ratio Lower Upper
 75 100
 110 33.5 15.9 47.7
 77 31.7 25.0 37.4

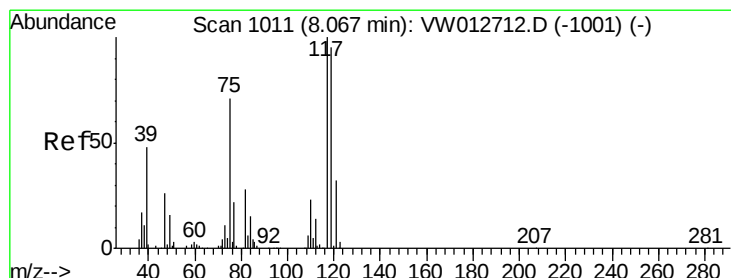
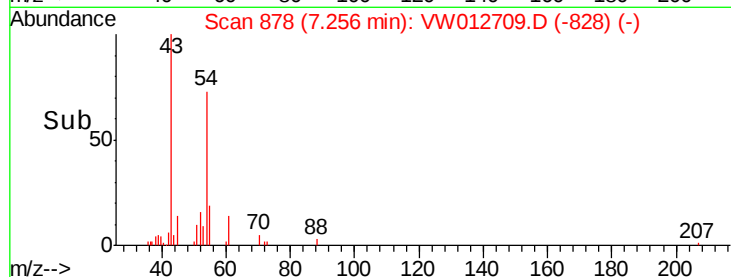
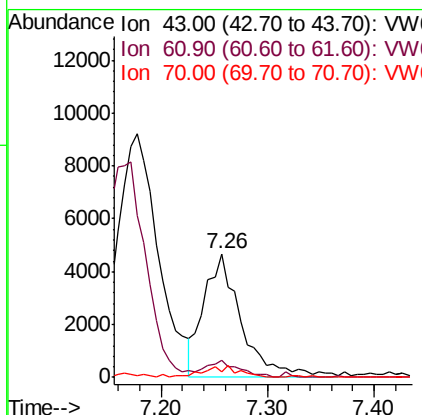
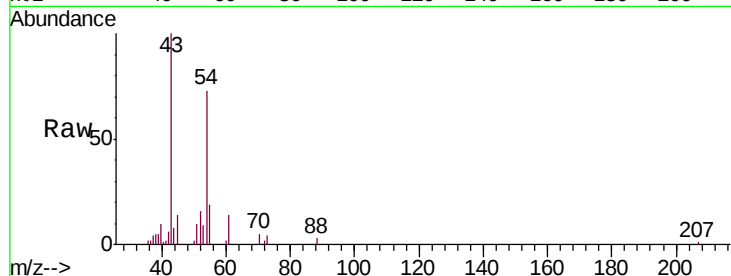




#37
 Ethyl Acetate
 Concen: 4.699 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

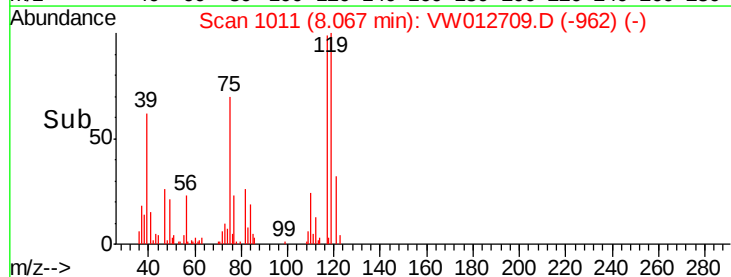
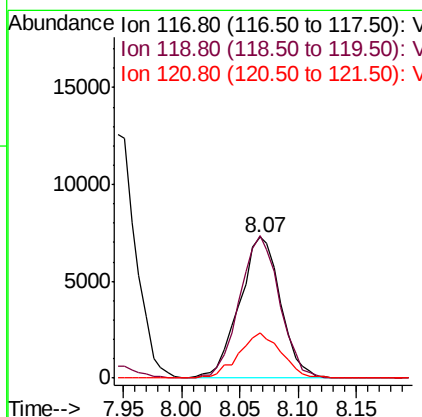
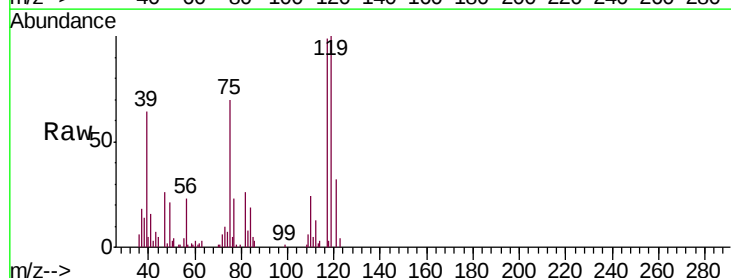
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

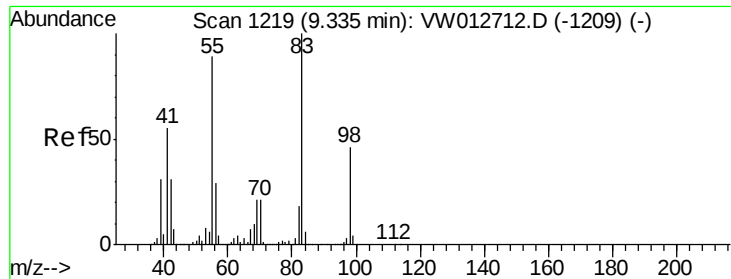
Tgt Ion: 43 Resp: 11454
 Ion Ratio Lower Upper
 43 100
 61 11.6 9.5 14.3
 70 4.6 7.0 10.6#



#38
 Carbon Tetrachloride
 Concen: 4.745 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion: 117 Resp: 17884
 Ion Ratio Lower Upper
 117 100
 119 101.4 76.2 114.2
 121 32.5 25.4 38.2

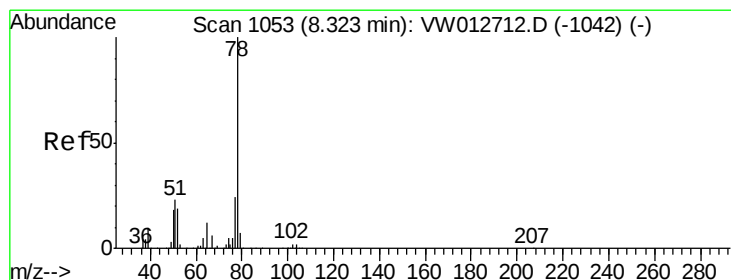
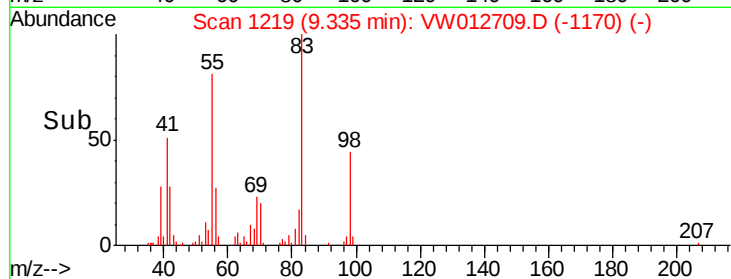
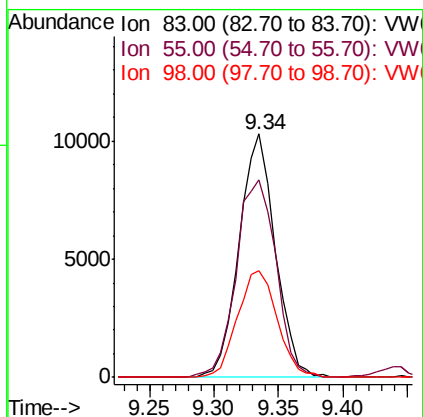
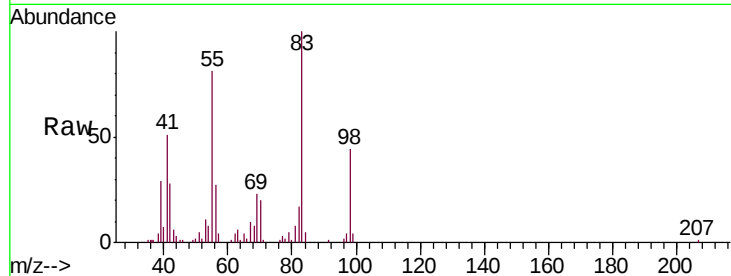




#39
Methylcyclohexane
Concen: 4.657 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

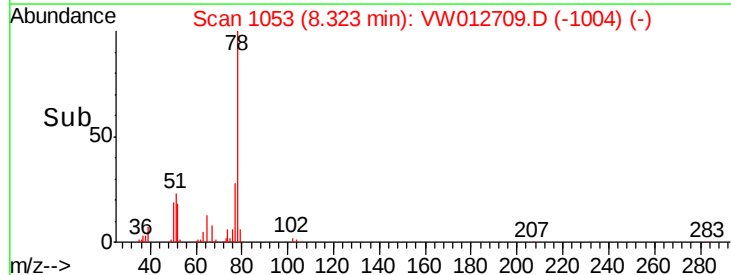
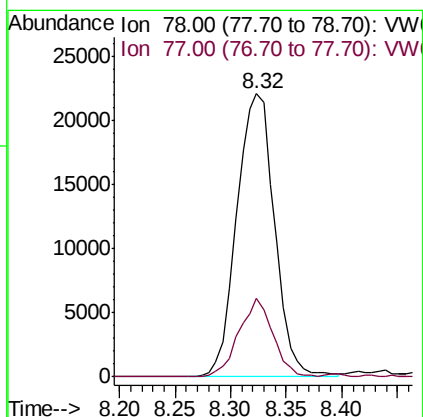
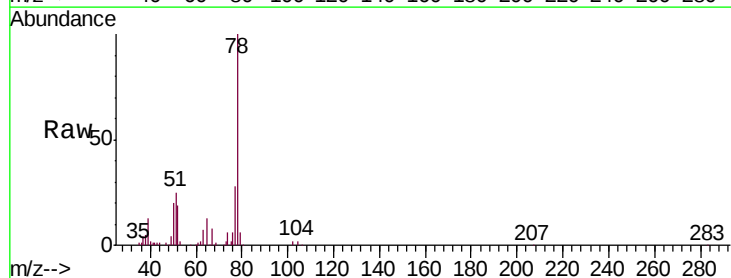
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

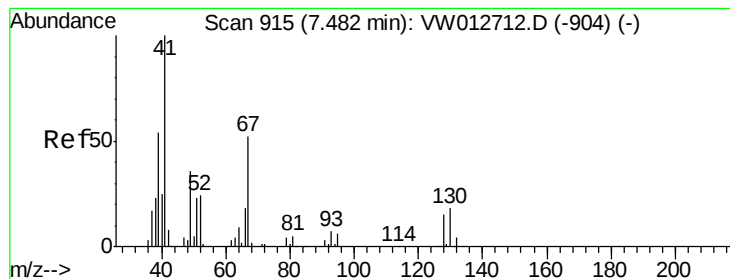
Tgt Ion: 83 Resp: 20001
Ion Ratio Lower Upper
83 100
55 81.2 71.0 106.4
98 43.9 36.9 55.3



#40
Benzene
Concen: 4.920 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion: 78 Resp: 52194
Ion Ratio Lower Upper
78 100
77 27.7 19.3 28.9





#41

Methacrylonitrile

Concen: 4.420 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 6496

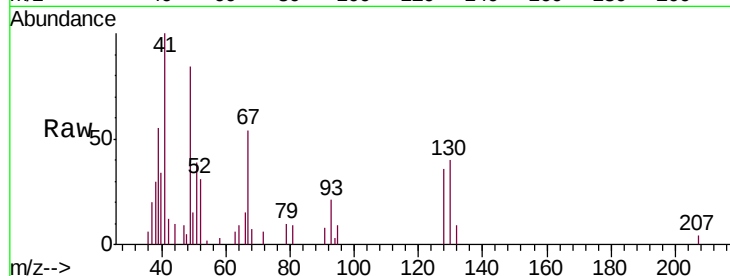
Ion Ratio Lower Upper

41 100

39 61.1 47.5 71.3

67 63.3 45.1 67.7

52 33.4 20.2 30.2#



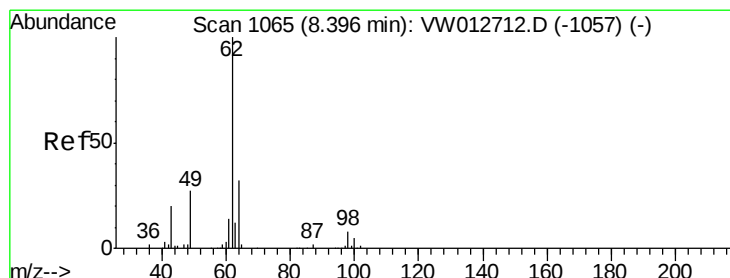
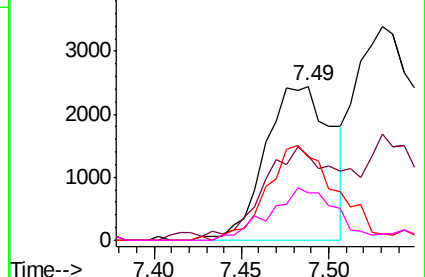
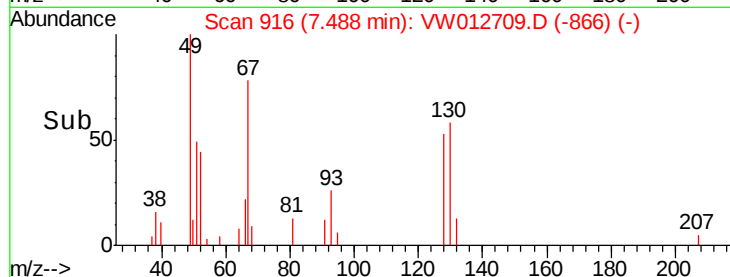
Abundance Ion 41.00 (40.70 to 41.70): VW

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

Time-->



#42

1,2-Dichloroethane

Concen: 4.981 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012709.D

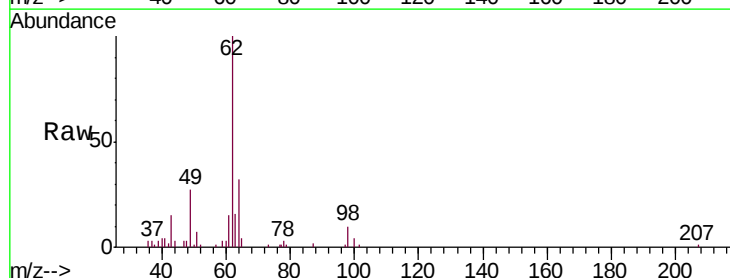
Acq: 07 Sep 2019 09:45

Tgt Ion: 62 Resp: 18597

Ion Ratio Lower Upper

62 100

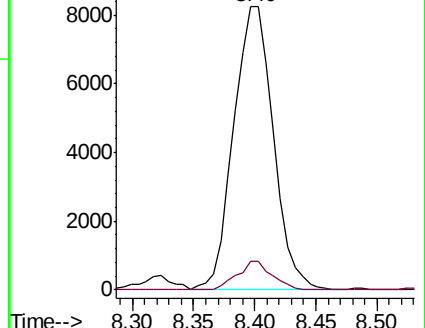
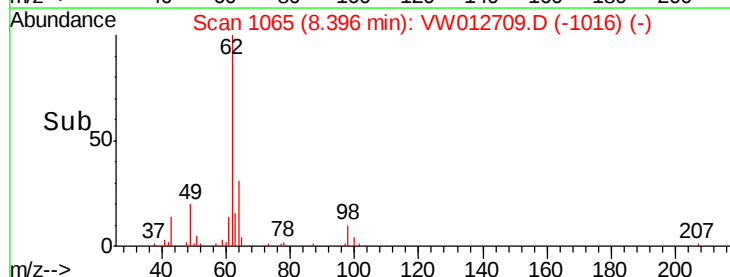
98 8.7 0.0 16.2

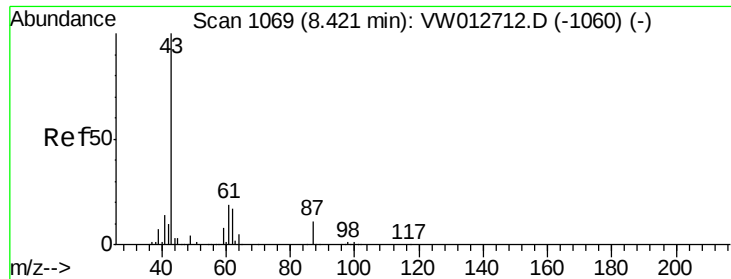


Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

Time-->





#43

Isopropyl Acetate

Concen: 4.670 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

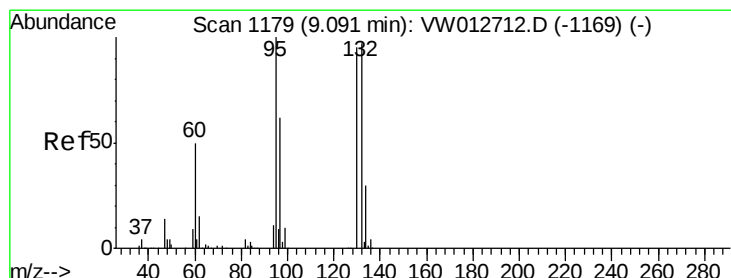
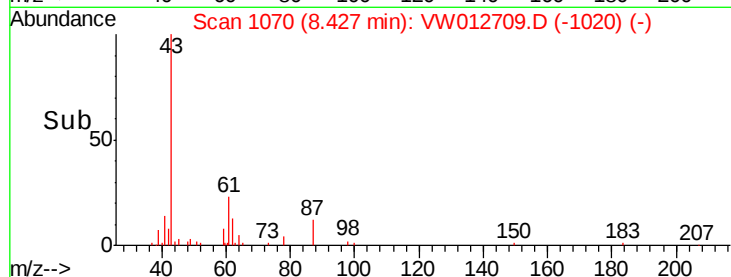
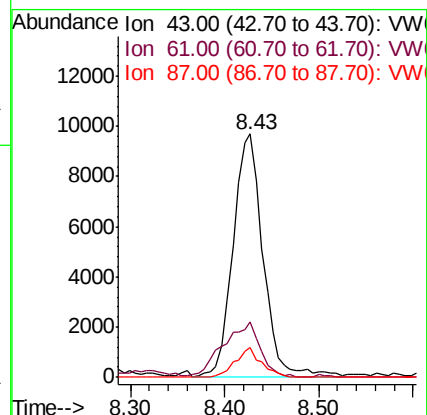
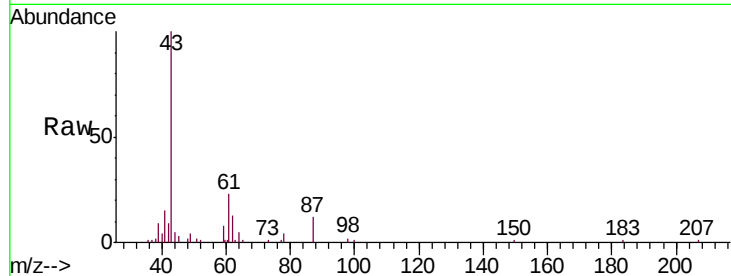
Tgt Ion: 43 Resp: 21568

Ion Ratio Lower Upper

43 100

61 28.1 20.6 30.8

87 10.5 8.6 13.0



#44

Trichloroethene

Concen: 4.941 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012709.D

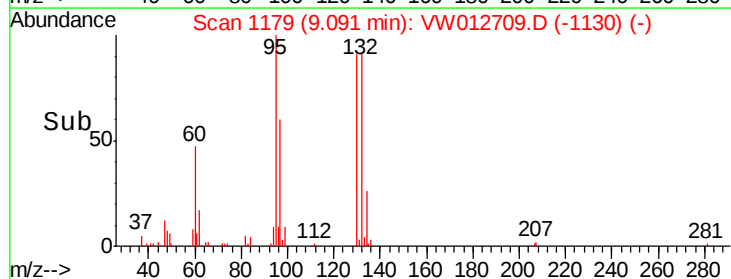
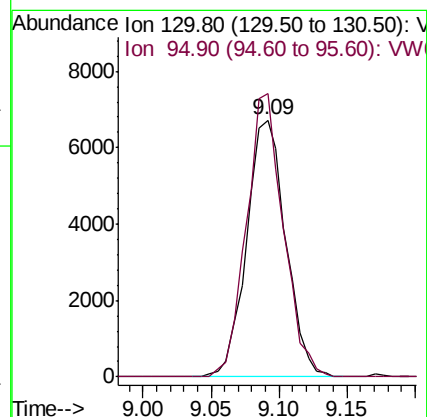
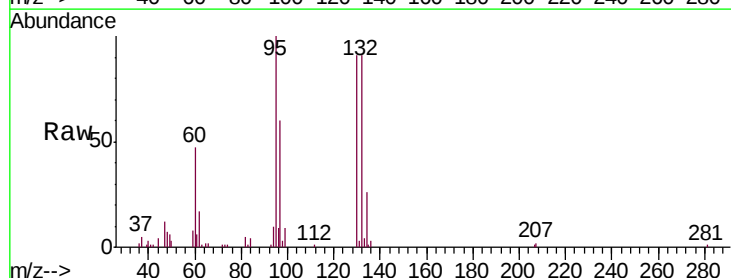
Acq: 07 Sep 2019 09:45

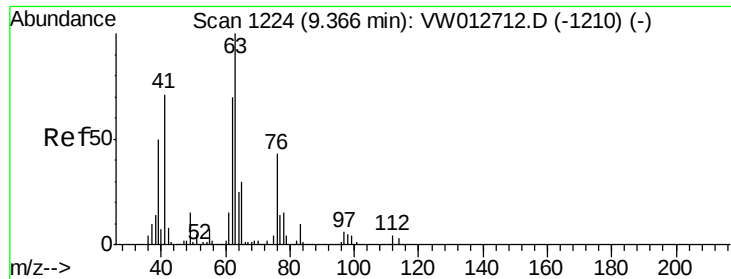
Tgt Ion: 130 Resp: 13513

Ion Ratio Lower Upper

130 100

95 110.1 0.0 210.6





#45

1,2-Dichloropropane

Concen: 5.089 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

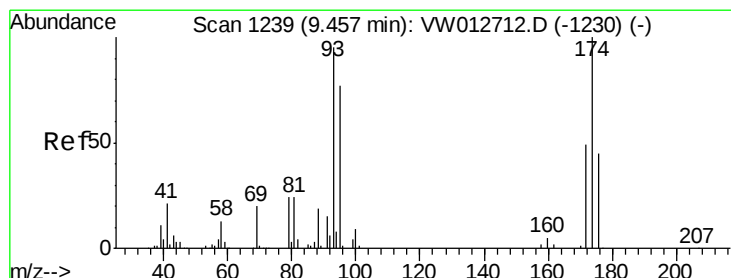
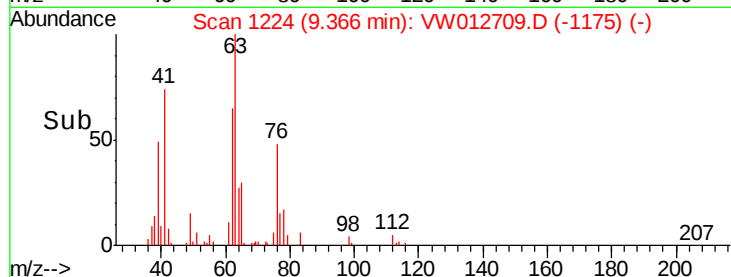
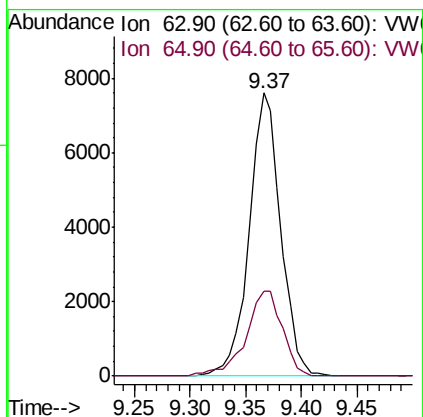
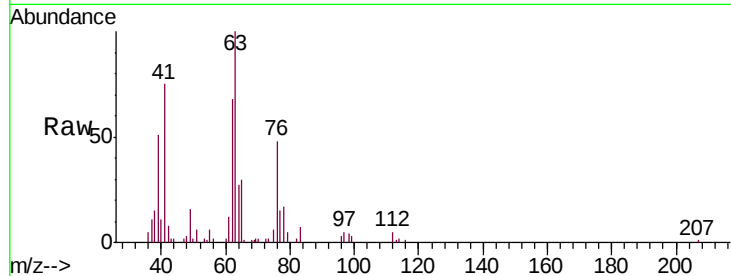
VSTDIC005

Tgt Ion: 63 Resp: 14973

Ion Ratio Lower Upper

63 100

65 30.1 23.8 35.8



#46

Dibromomethane

Concen: 4.997 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

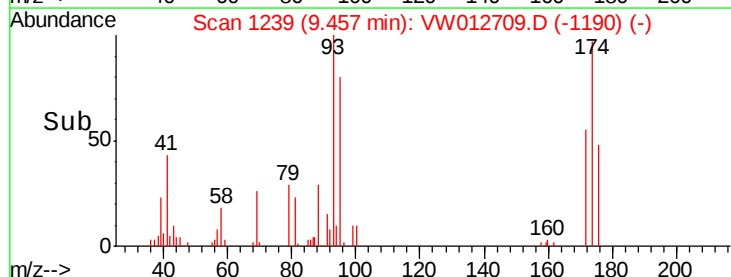
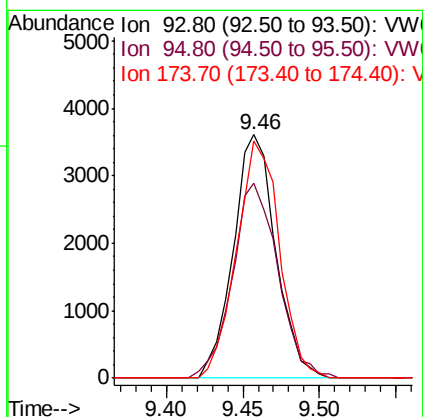
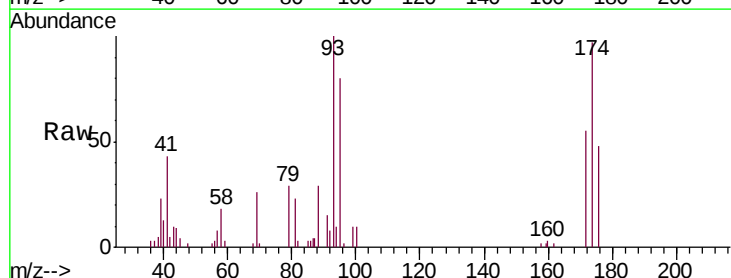
Tgt Ion: 93 Resp: 6962

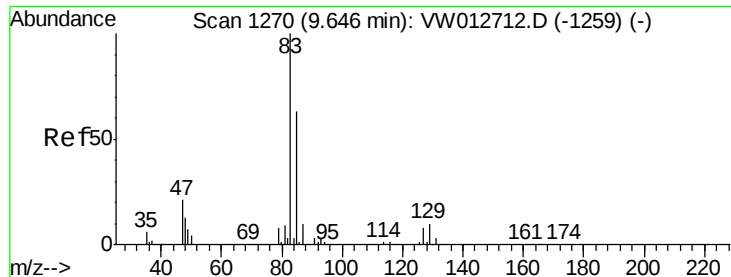
Ion Ratio Lower Upper

93 100

95 85.6 65.2 97.8

174 98.4 84.2 126.4

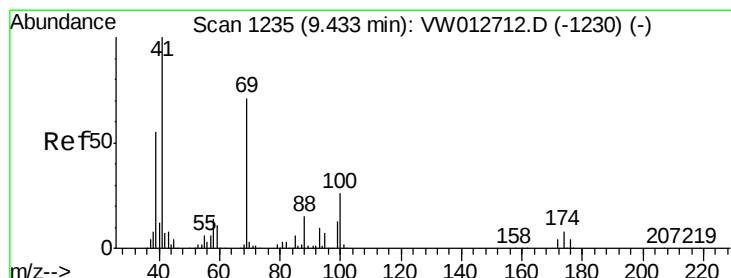
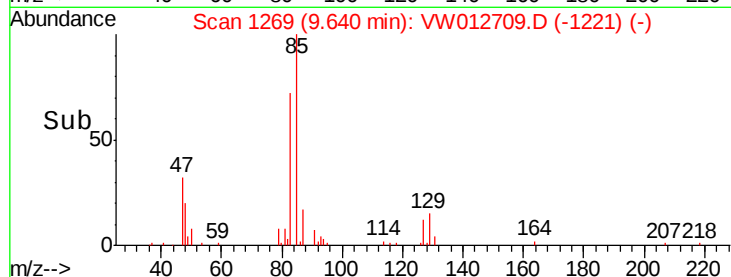
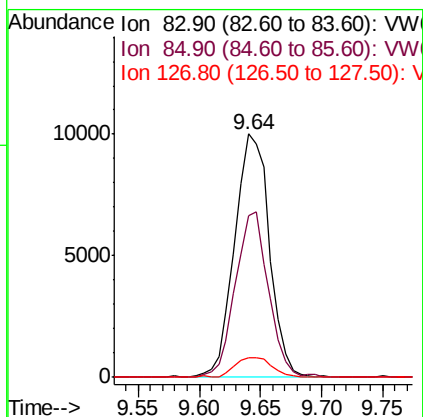
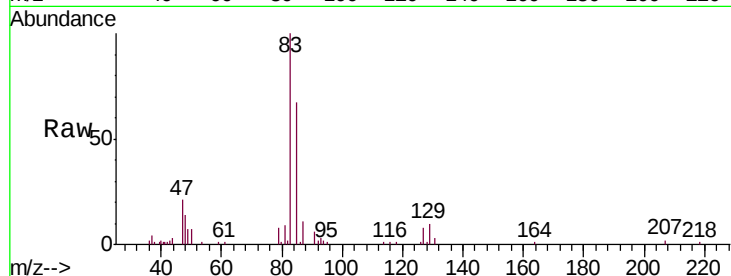




#47
 Bromodichloromethane
 Concen: 5.156 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

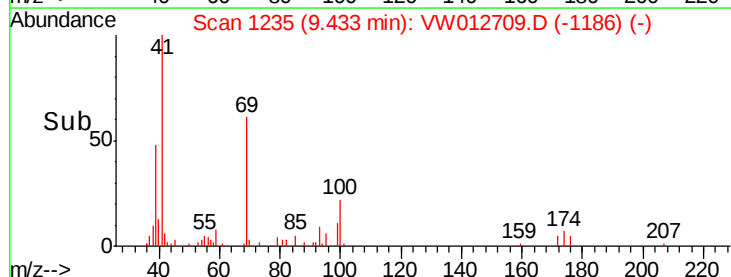
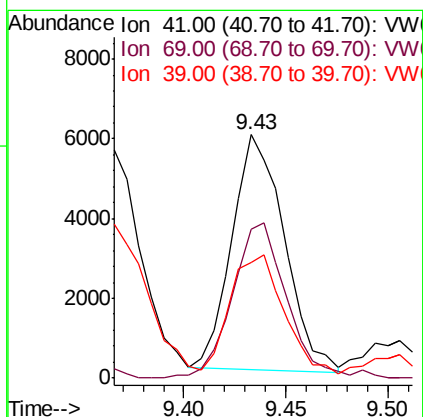
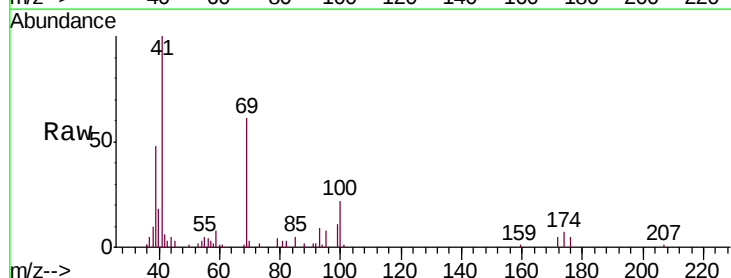
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

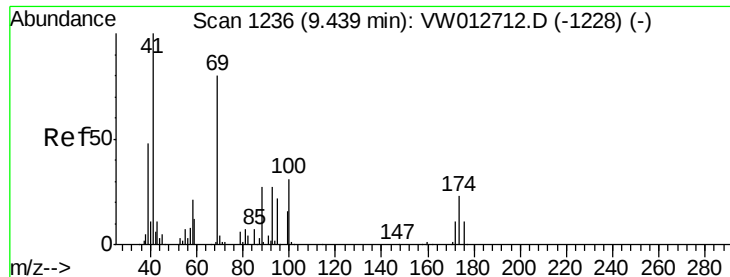
Tgt Ion: 83 Resp: 19766
 Ion Ratio Lower Upper
 83 100
 85 66.5 50.2 75.2
 127 7.8 6.6 9.8



#48
 Methyl methacrylate
 Concen: 4.777 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion: 41 Resp: 10542
 Ion Ratio Lower Upper
 41 100
 69 68.5 59.8 89.8
 39 54.8 47.0 70.6

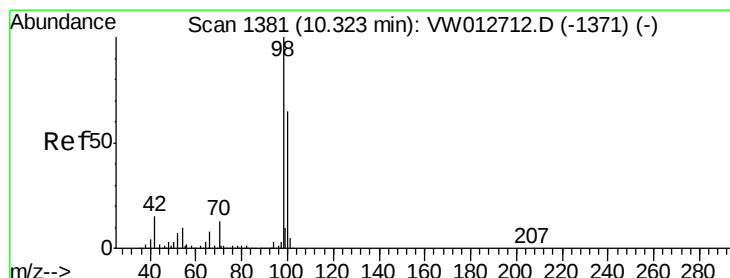
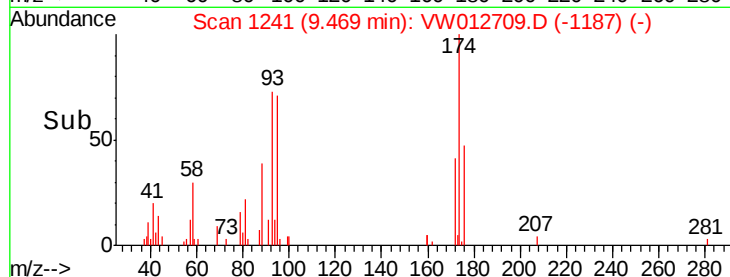
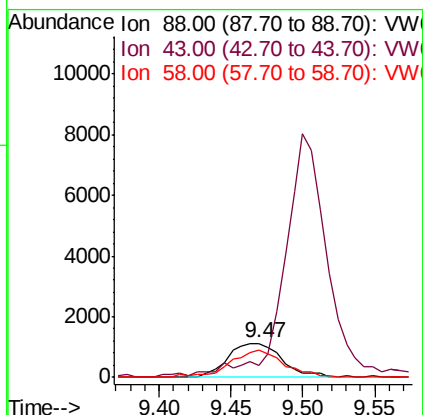
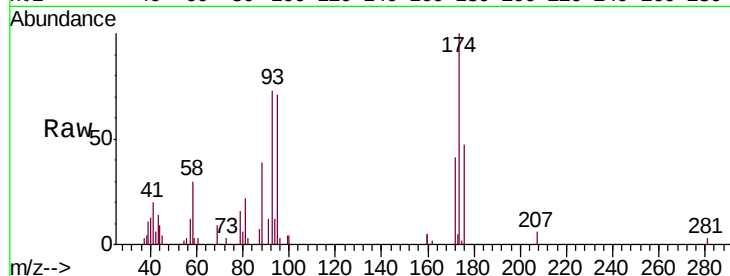




#49
 1,4-Dioxane
 Concen: 106.421 ug/l
 RT: 9.47 min Scan# 1241
 Delta R.T. 0.03 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

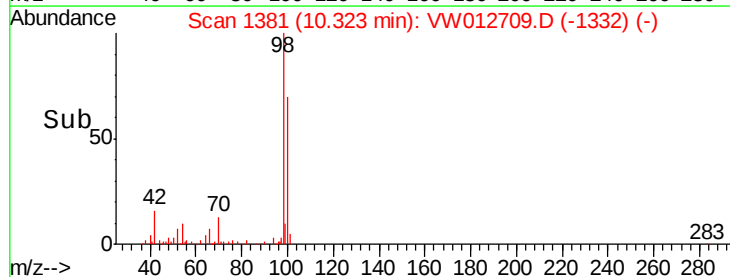
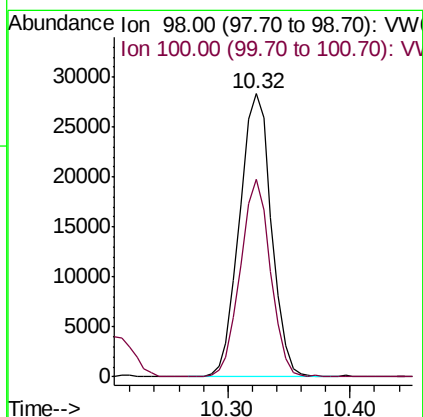
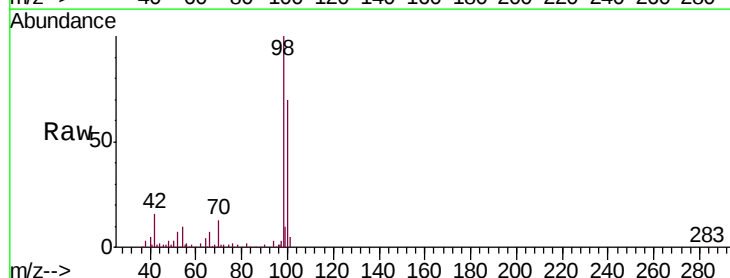
Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC005

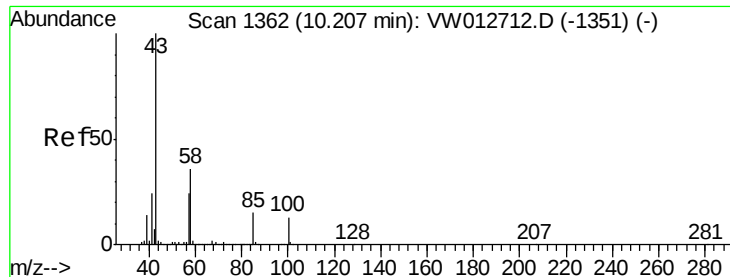
Tgt Ion: 88 Resp: 2929
 Ion Ratio Lower Upper
 88 100
 43 0.0 34.8 52.2#
 58 80.1 64.1 96.1



#50
 Toluene-d8
 Concen: 5.125 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion: 98 Resp: 51368
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 23.814 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

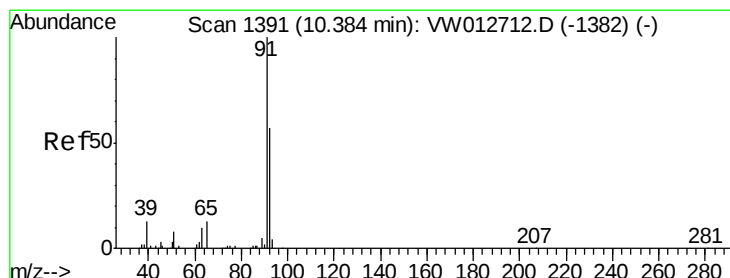
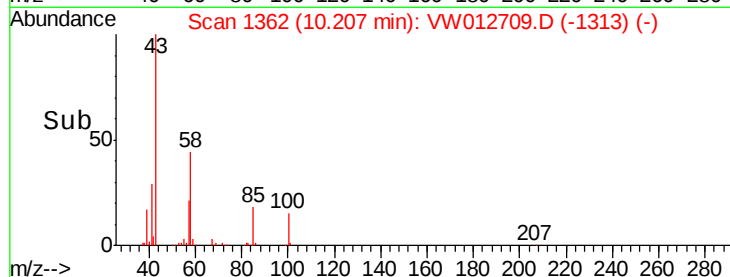
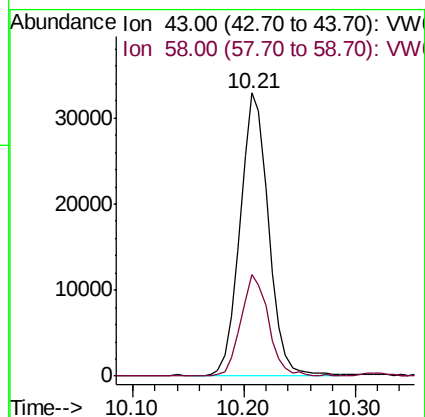
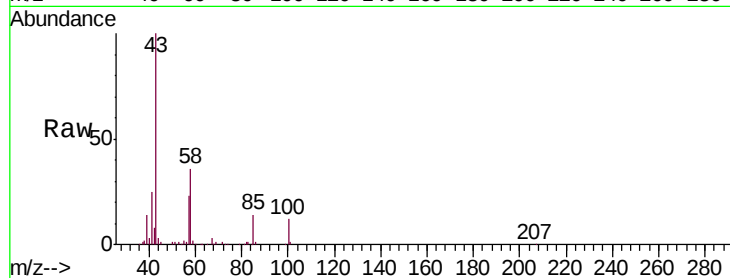
VSTDIC005

Tgt Ion: 43 Resp: 57706

Ion Ratio Lower Upper

43 100

58 35.4 28.4 42.6



#52

Toluene

Concen: 5.126 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012709.D

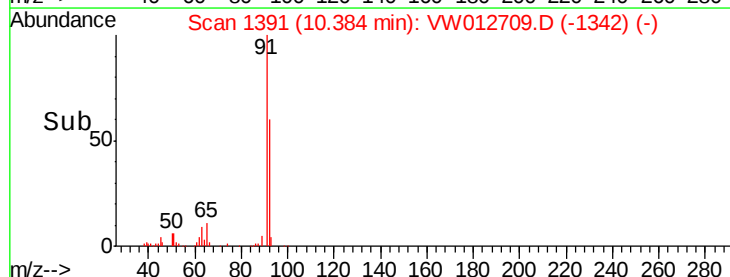
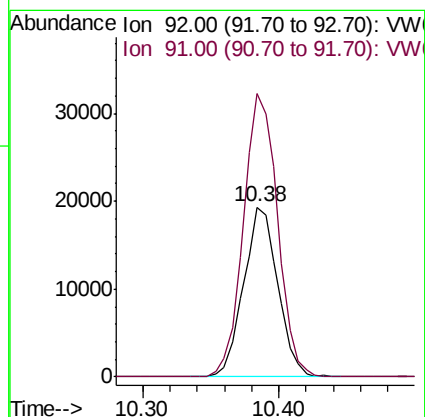
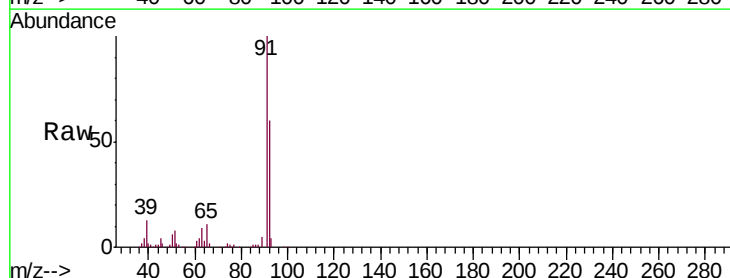
Acq: 07 Sep 2019 09:45

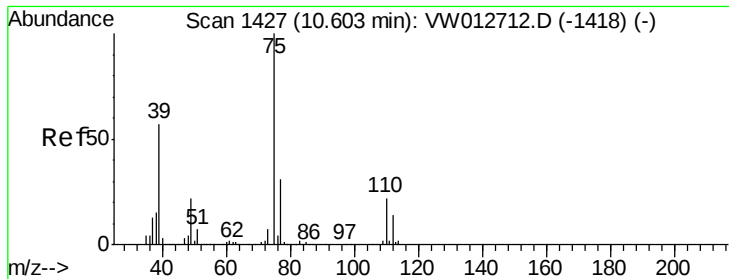
Tgt Ion: 92 Resp: 33939

Ion Ratio Lower Upper

92 100

91 167.5 137.0 205.4

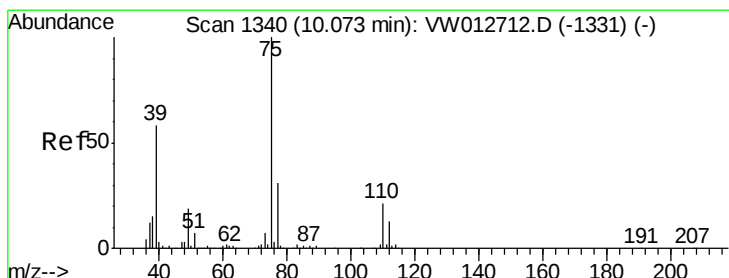
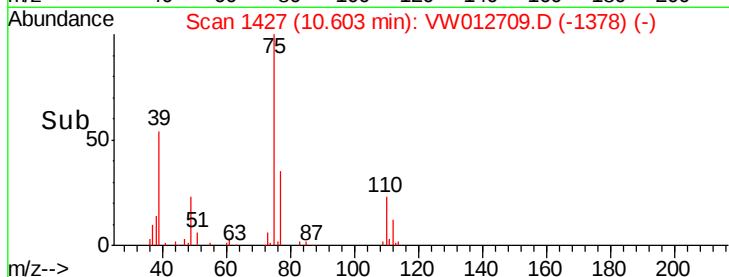
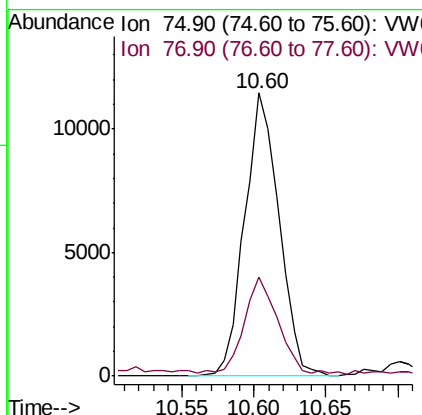
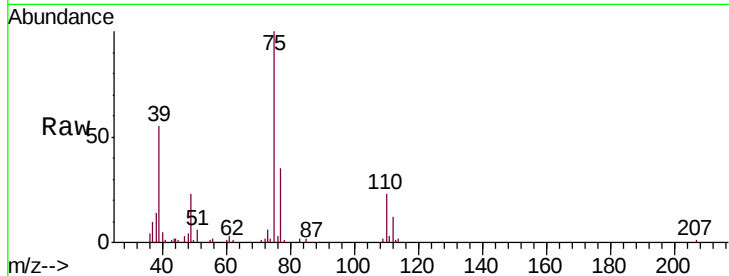




#53
t-1,3-Dichloropropene
Concen: 4.814 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

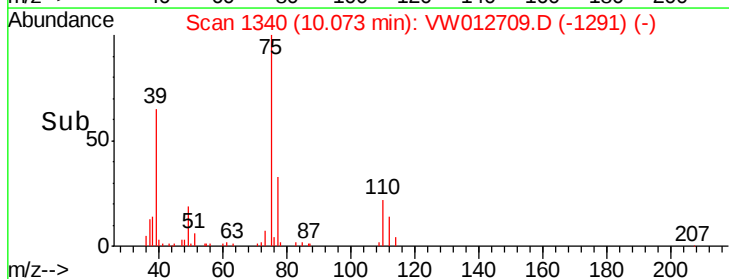
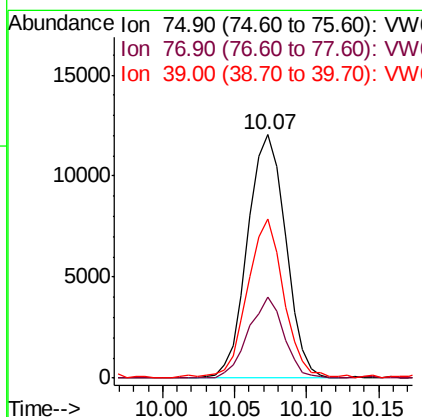
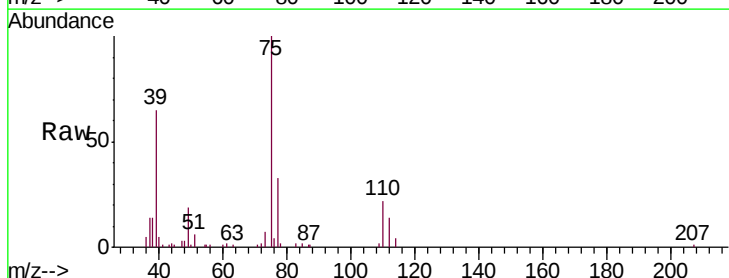
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

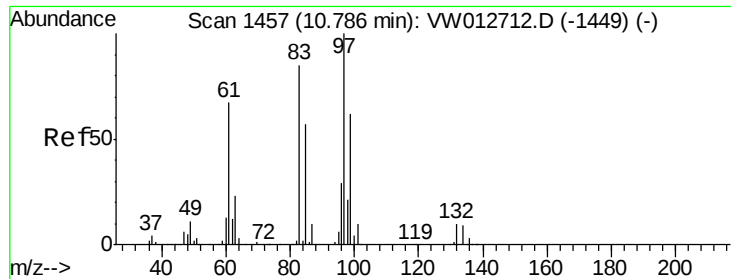
Tgt Ion: 75 Resp: 18977
Ion Ratio Lower Upper
75 100
77 33.3 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 4.934 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion: 75 Resp: 22063
Ion Ratio Lower Upper
75 100
77 33.5 24.6 36.8
39 64.4 46.3 69.5

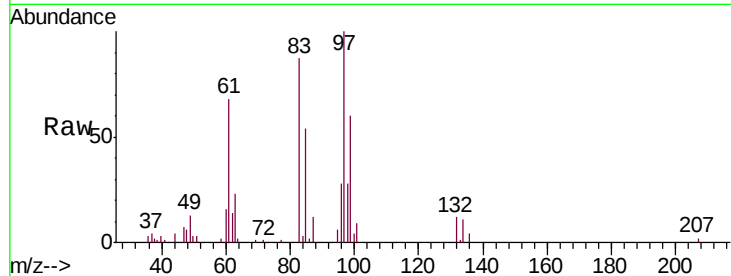




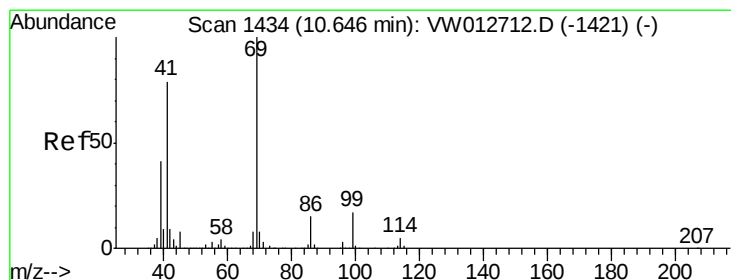
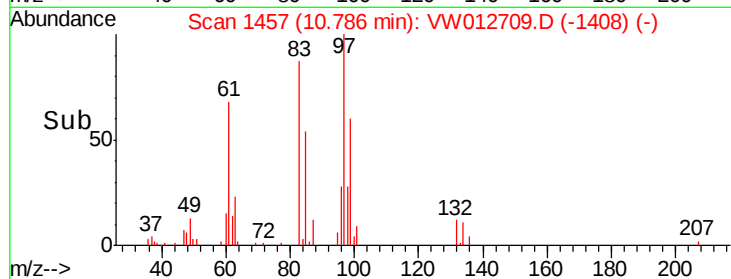
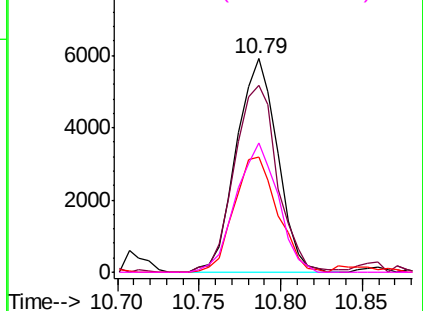
#55
 1,1,2-Trichloroethane
 Concen: 5.001 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	10432
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.1	102.1
85	54.0	45.3	67.9
99	60.3	50.0	75.0

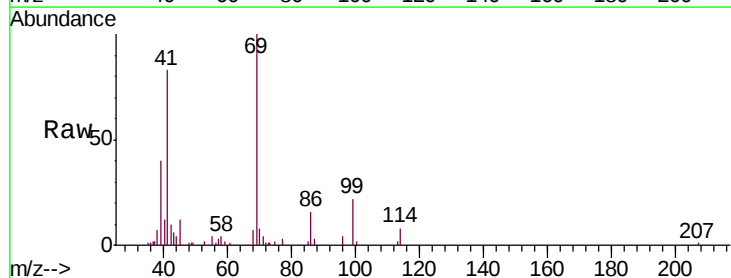


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

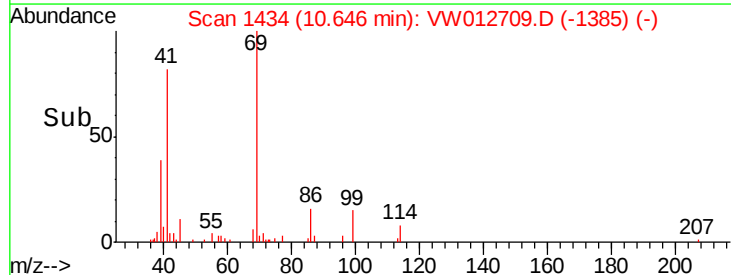
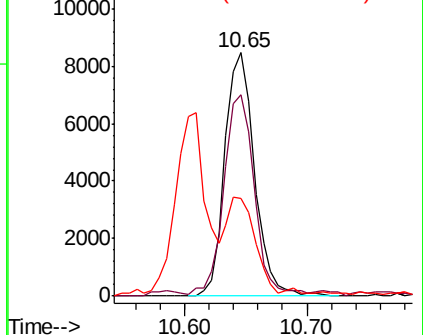


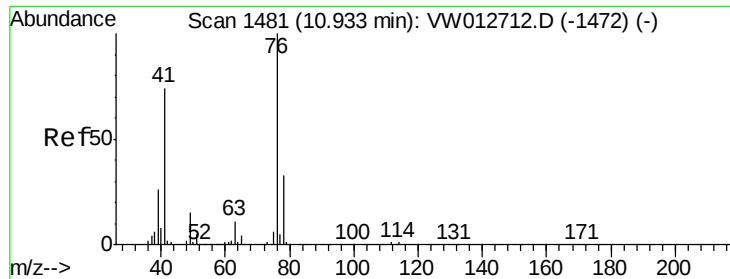
#56
 Ethyl methacrylate
 Concen: 4.672 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion:	69	Resp:	14267
Ion	Ratio	Lower	Upper
69	100		
41	82.8	64.4	96.6
39	36.8	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

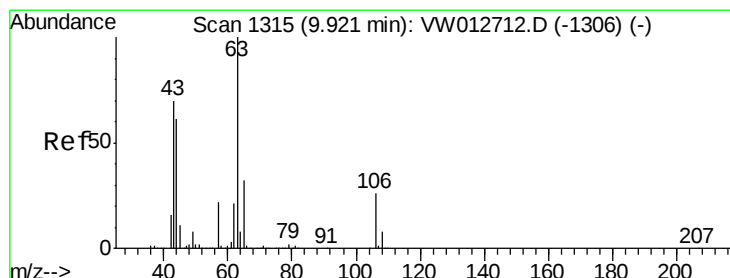
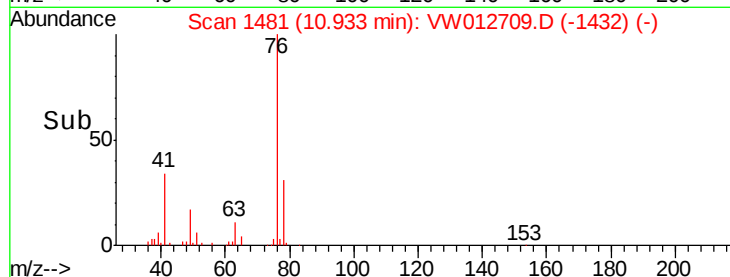
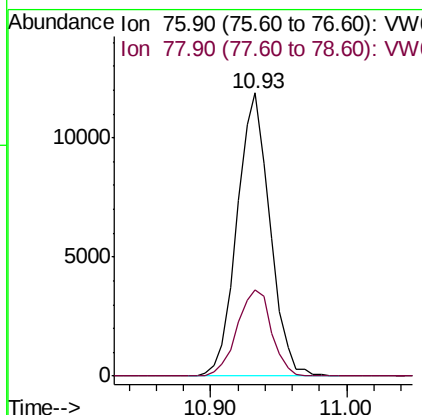
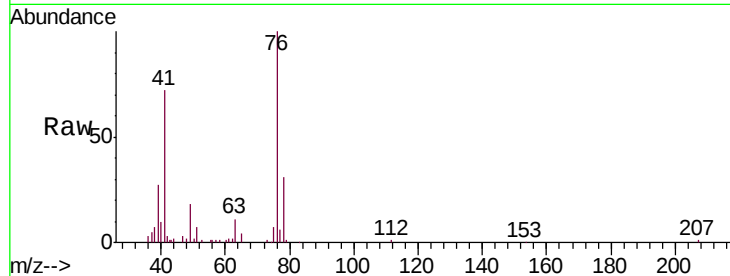




#57
 1,3-Dichloropropane
 Concen: 5.198 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

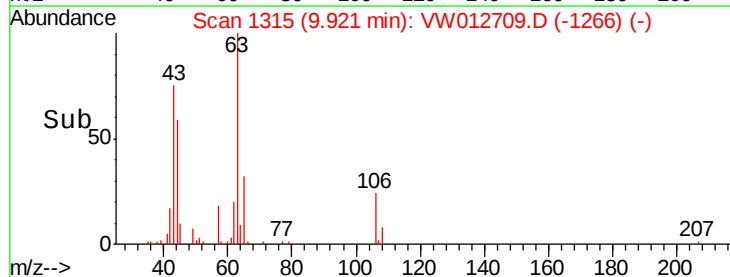
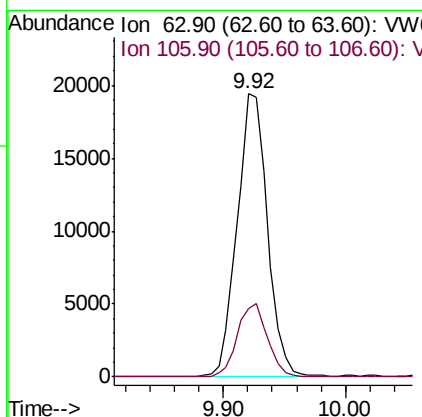
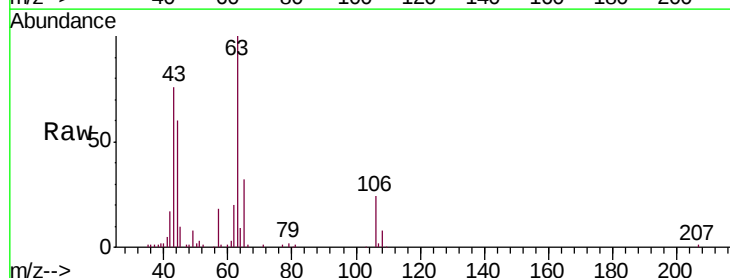
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

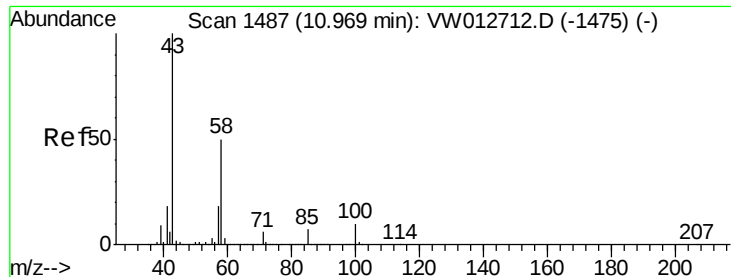
Tgt Ion: 76 Resp: 20059
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 20.618 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion: 63 Resp: 33422
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.5 30.7

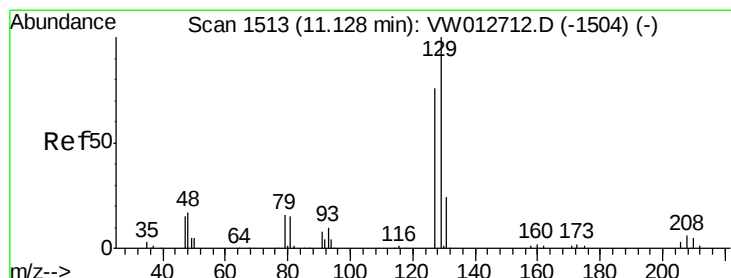
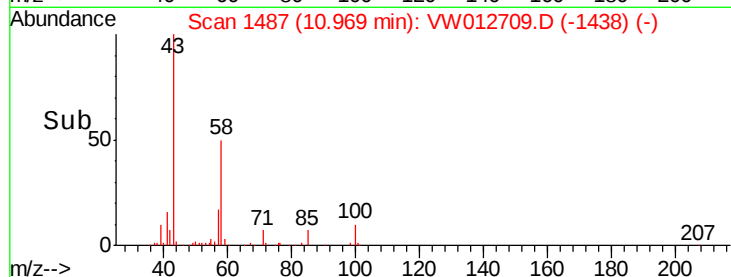
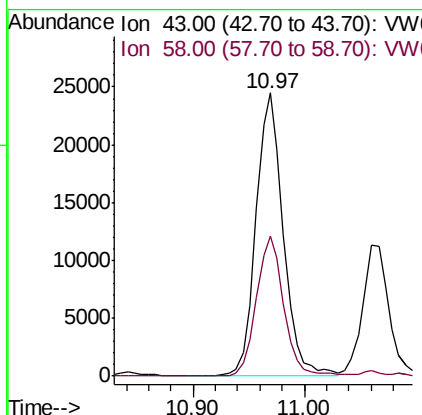
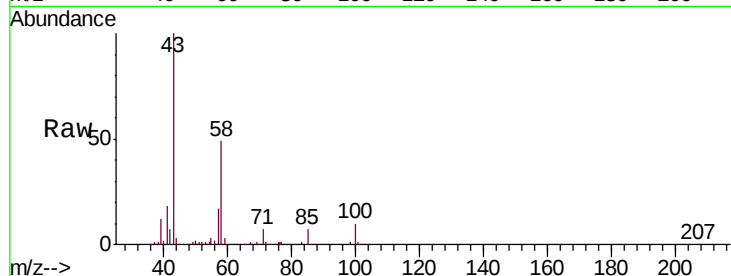




#59
2-Hexanone
Concen: 23.650 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

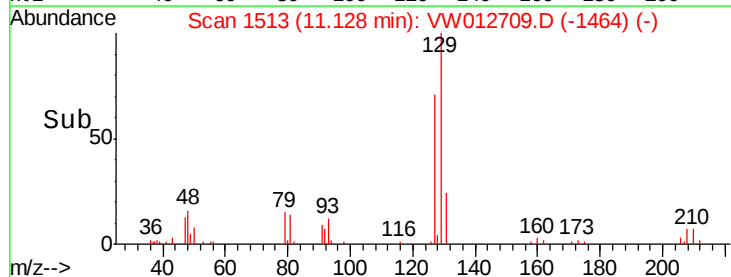
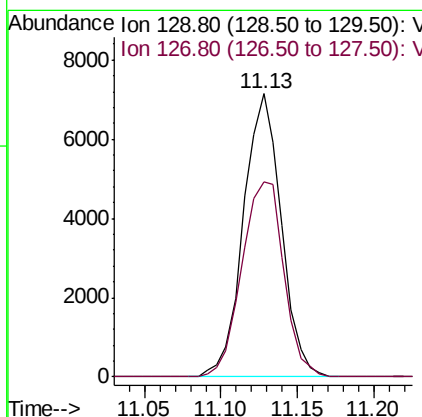
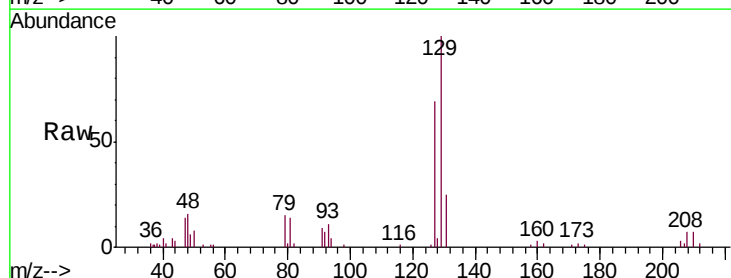
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

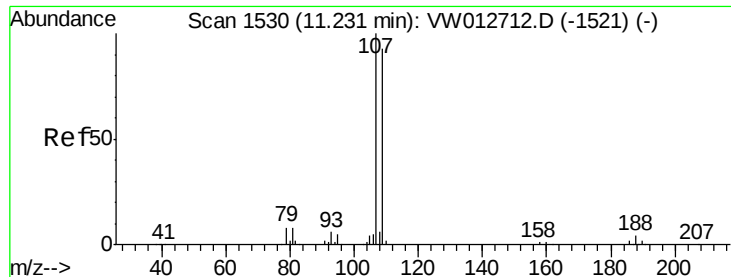
Tgt Ion: 43 Resp: 41869
Ion Ratio Lower Upper
43 100
58 49.7 24.7 74.1



#60
Dibromochloromethane
Concen: 5.009 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion: 129 Resp: 12289
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 5.013 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

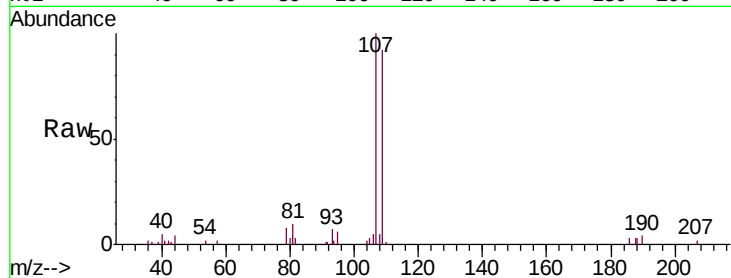
VSTDIC005

Tgt Ion: 107 Resp: 9588

Ion Ratio Lower Upper

107 100

109 95.2 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

6000

5000

4000

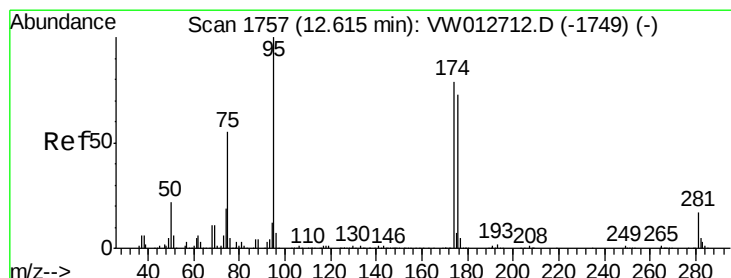
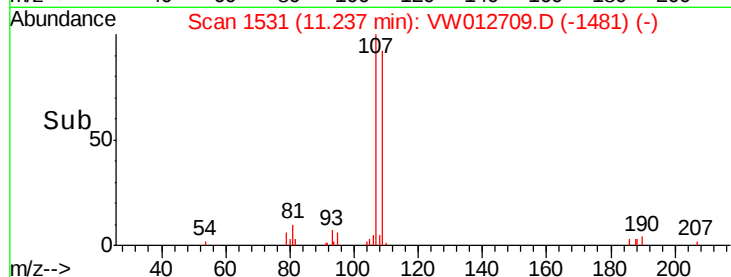
3000

2000

1000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 5.251 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

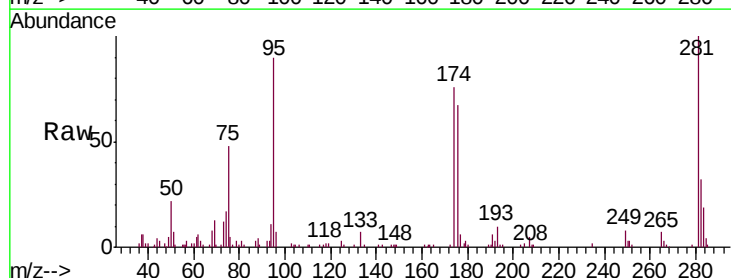
Tgt Ion: 95 Resp: 19109

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.0

176 77.8 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

12.62

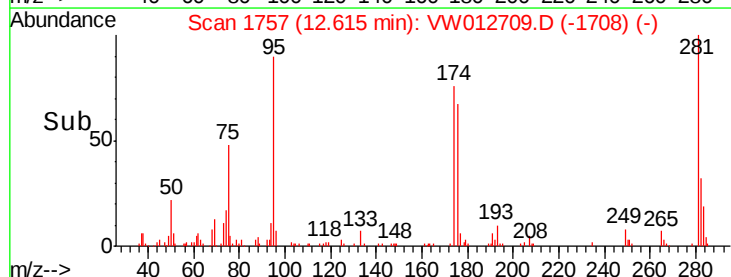
15000

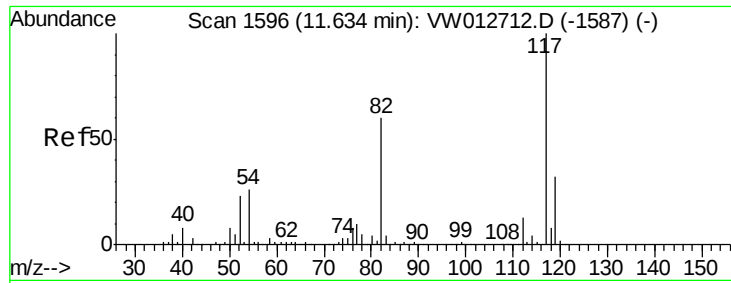
10000

5000

0

Time--> 12.55 12.60 12.65 12.70

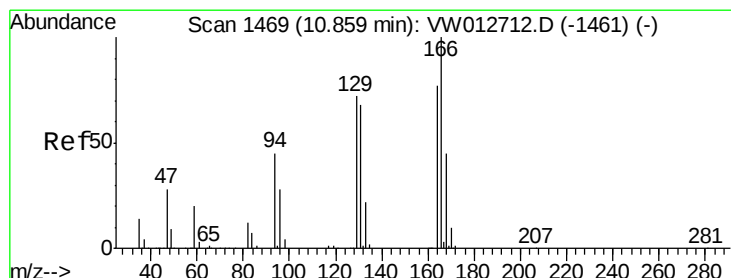
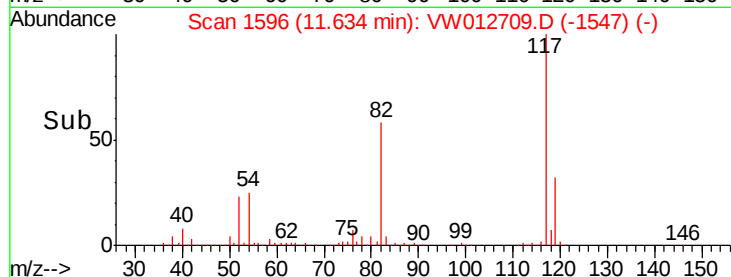
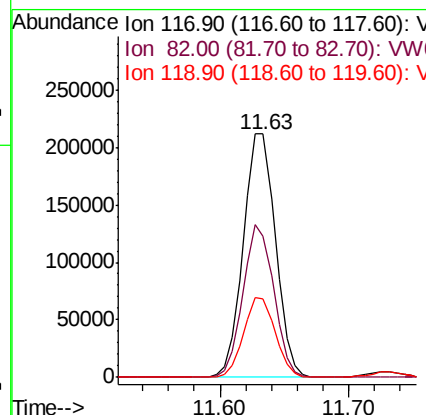
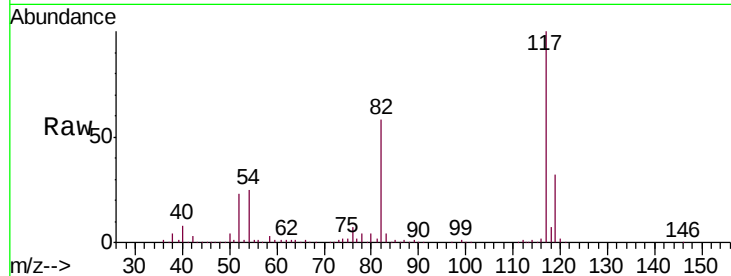




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

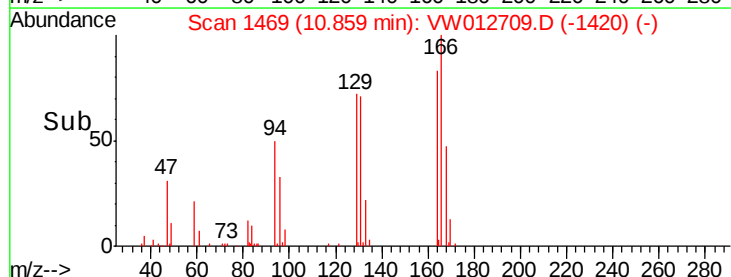
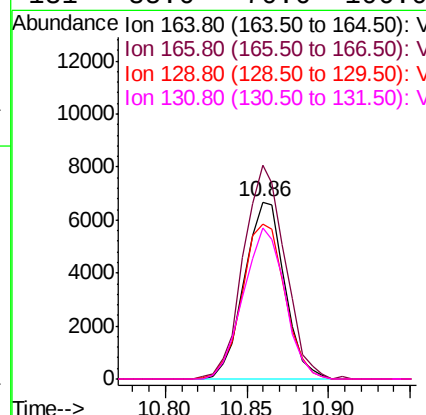
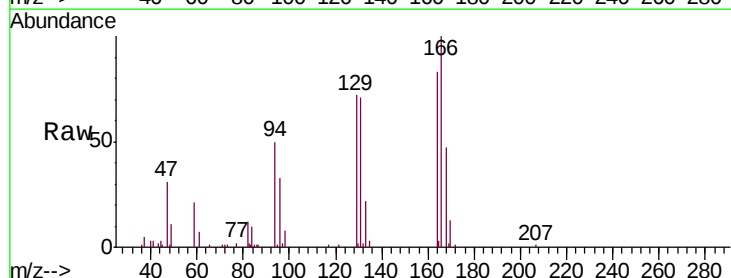
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

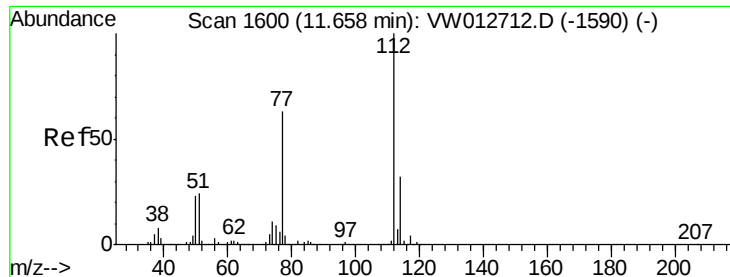
Tgt Ion:117 Resp: 366739
Ion Ratio Lower Upper
117 100
82 58.2 48.2 72.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 5.171 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion:164 Resp: 11508
Ion Ratio Lower Upper
164 100
166 120.6 103.6 155.4
129 87.2 74.6 112.0
131 85.6 70.6 106.0

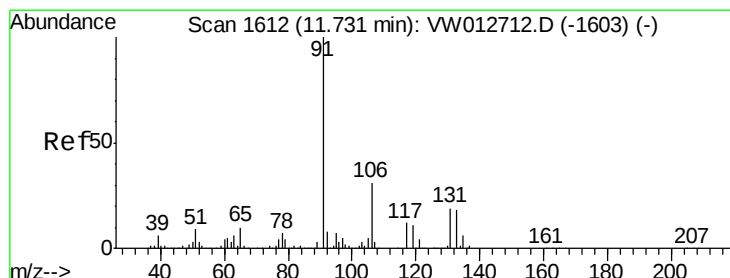
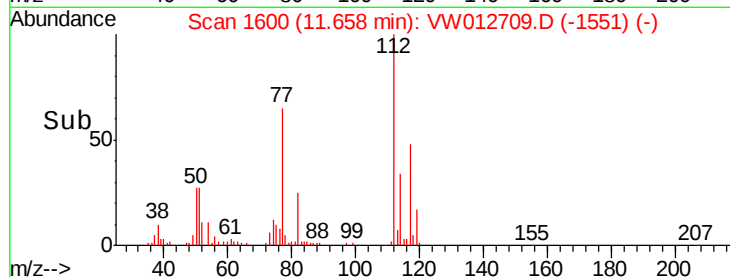
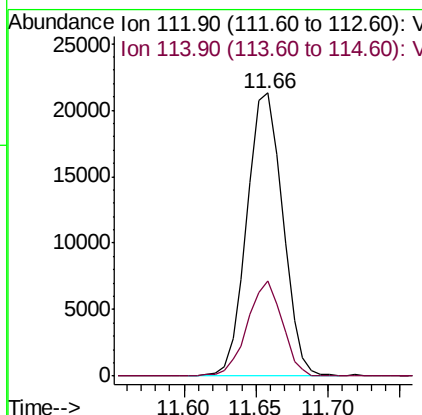
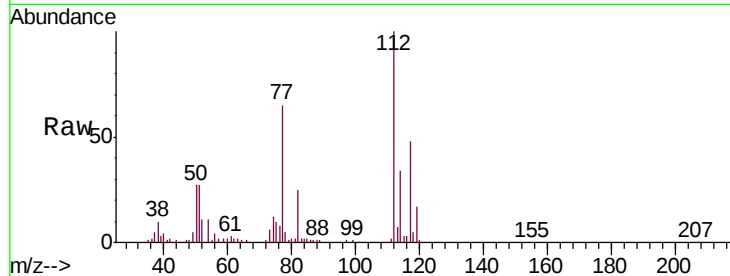




#65
Chlorobenzene
Concen: 5.311 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

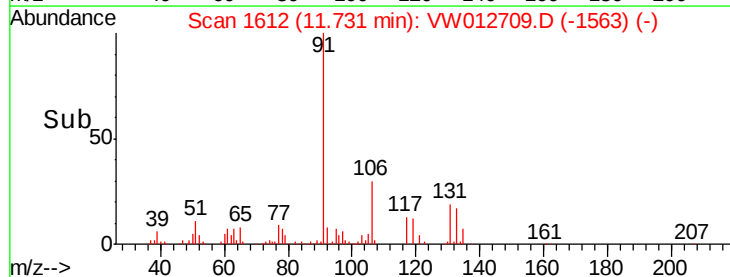
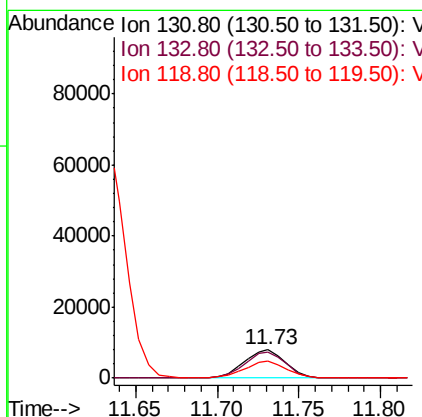
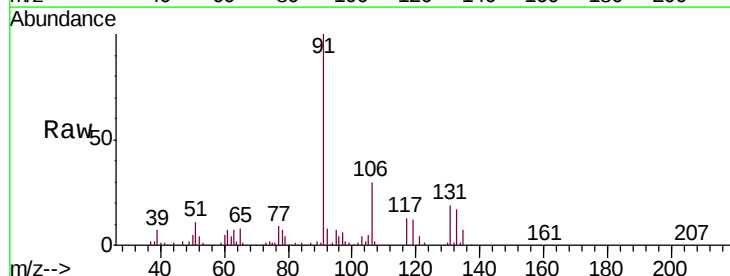
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

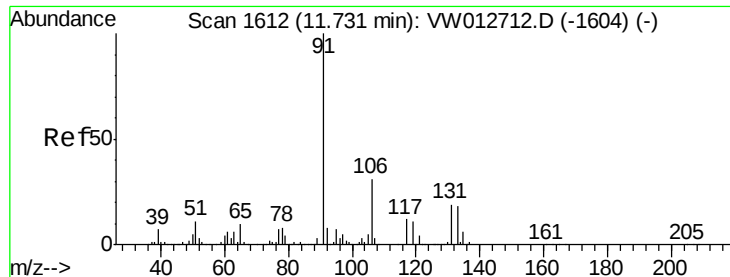
Tgt Ion:112 Resp: 36813
Ion Ratio Lower Upper
112 100
114 33.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.417 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion:131 Resp: 13983
Ion Ratio Lower Upper
131 100
133 91.1 47.6 142.8
119 61.2 30.6 92.0

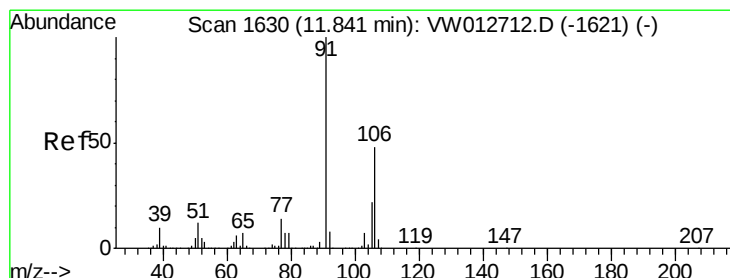
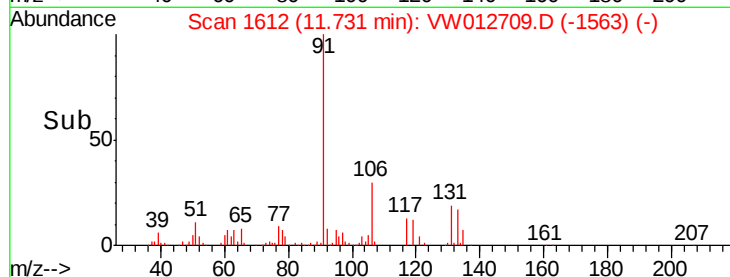
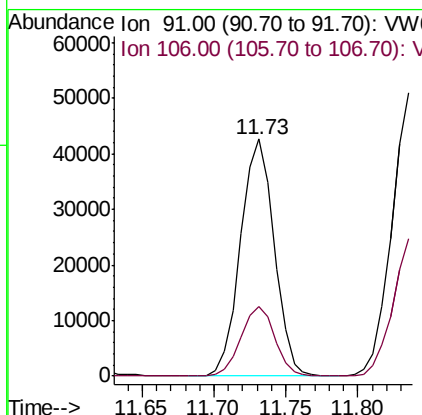
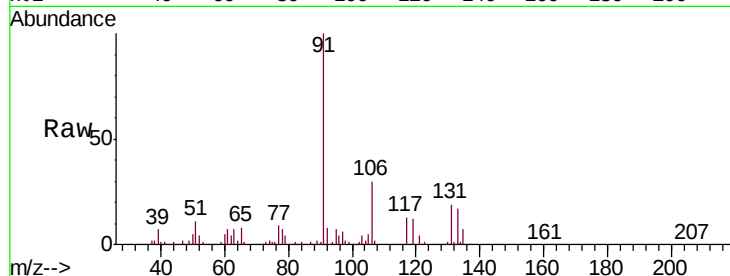




#67
Ethyl Benzene
Concen: 5.309 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

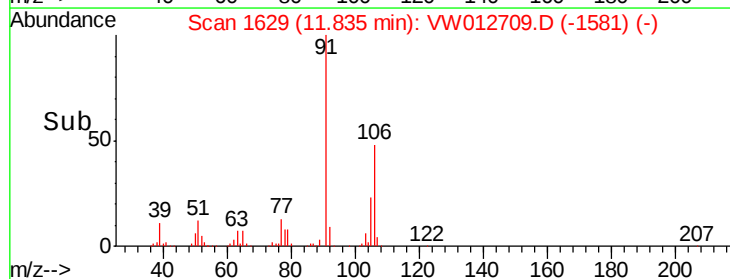
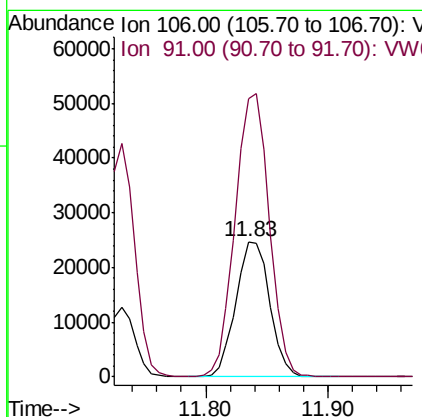
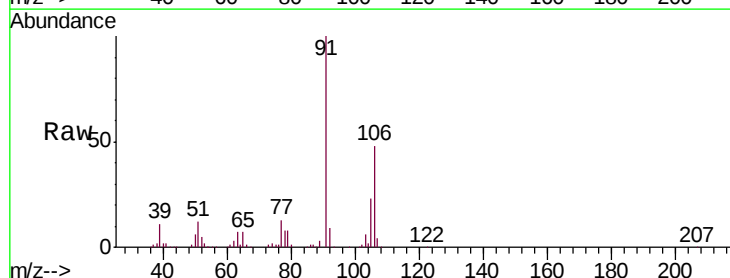
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

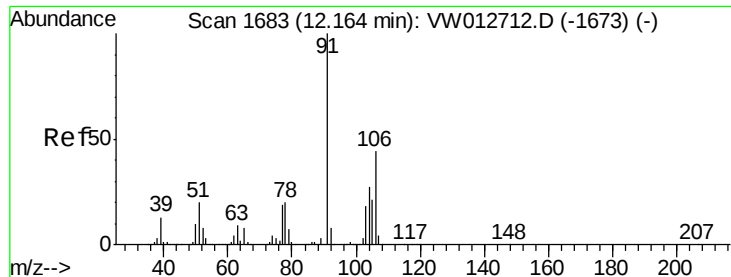
Tgt Ion: 91 Resp: 69039
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6



#68
m/p-Xylenes
Concen: 10.135 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion: 106 Resp: 47577
Ion Ratio Lower Upper
106 100
91 210.6 168.2 252.4

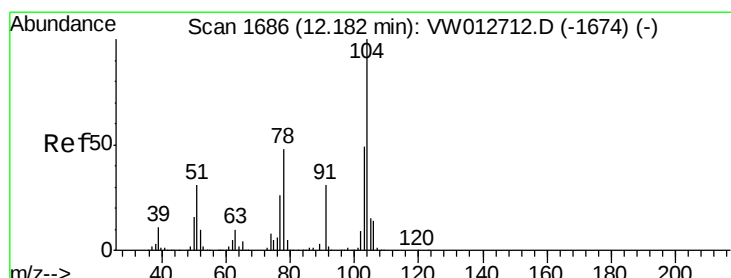
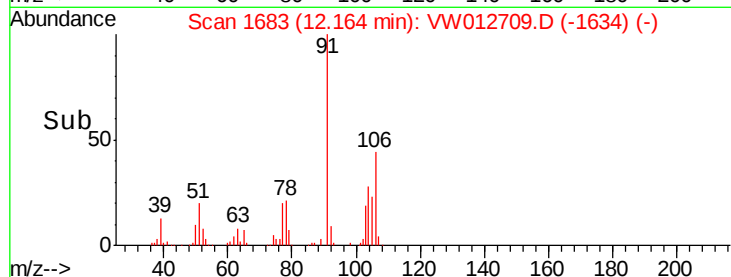
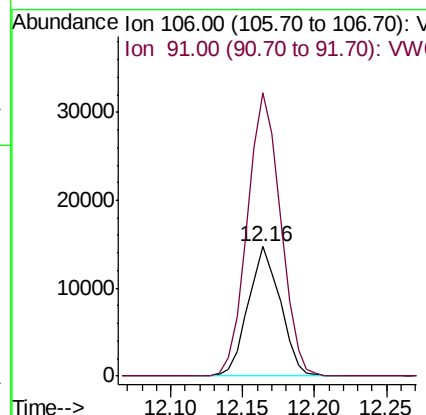
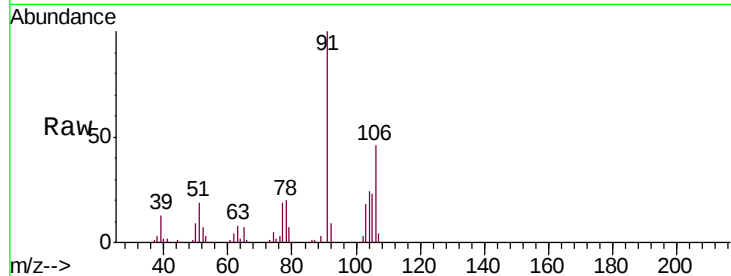




#69
o-Xylene
Concen: 5.166 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

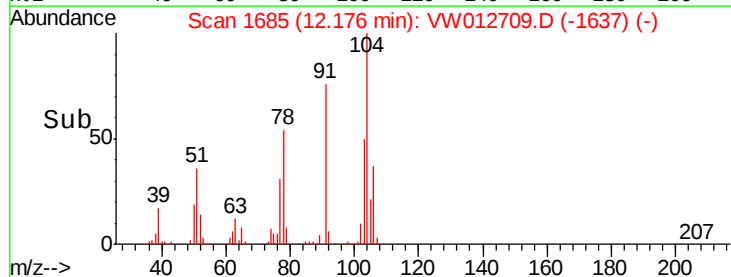
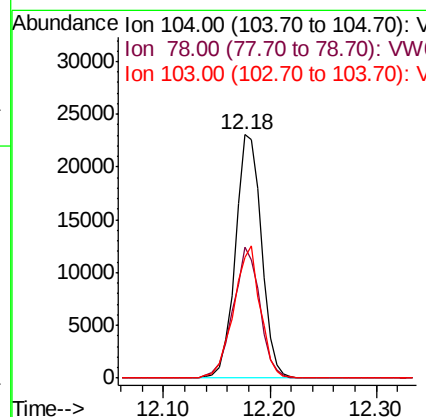
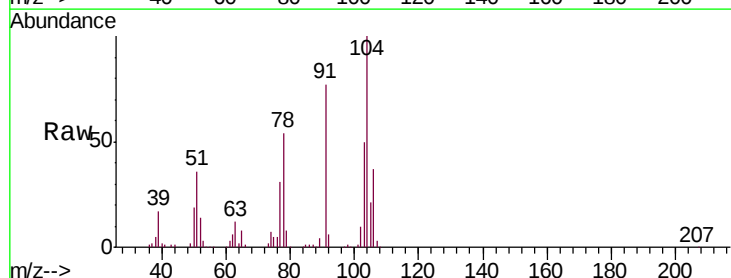
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

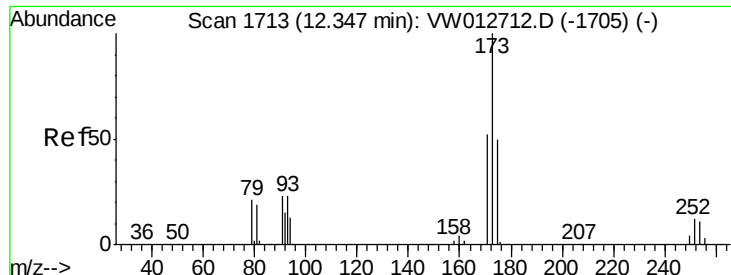
Tgt Ion:106 Resp: 22877
Ion Ratio Lower Upper
106 100
91 225.4 112.3 336.8



#70
Styrene
Concen: 5.085 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion:104 Resp: 39794
Ion Ratio Lower Upper
104 100
78 55.2 43.3 64.9
103 55.1 44.0 66.0

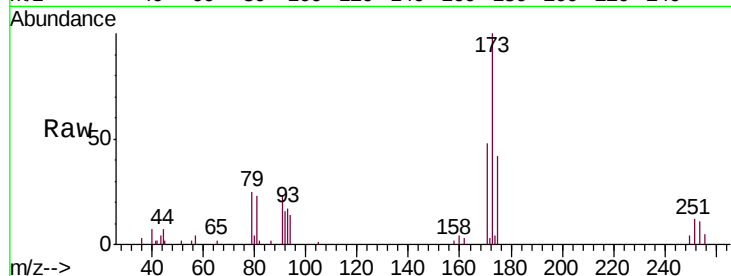




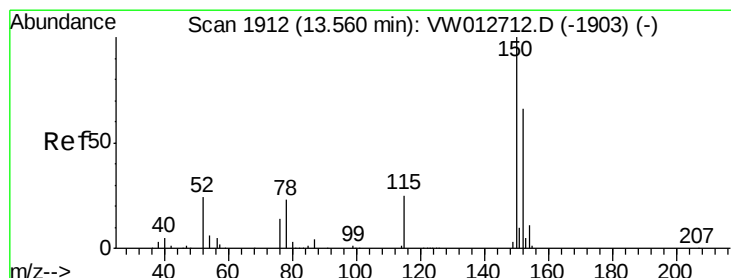
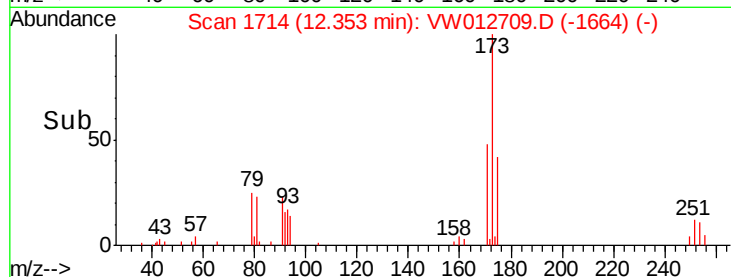
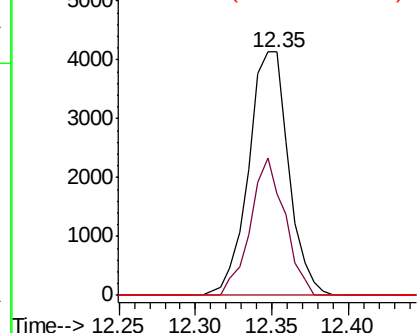
#71
Bromoform
Concen: 5.259 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tgt Ion:173 Resp: 7542
Ion Ratio Lower Upper
173 100
175 48.4 24.8 74.3
254 0.0 0.1 0.1#

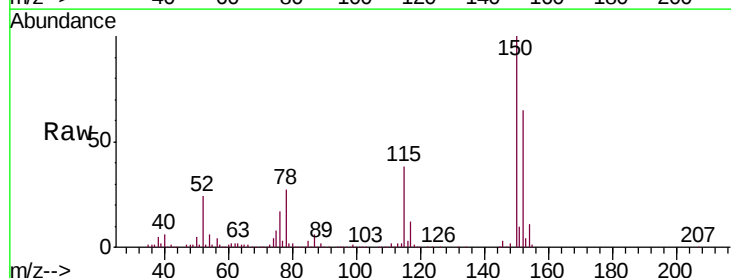


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

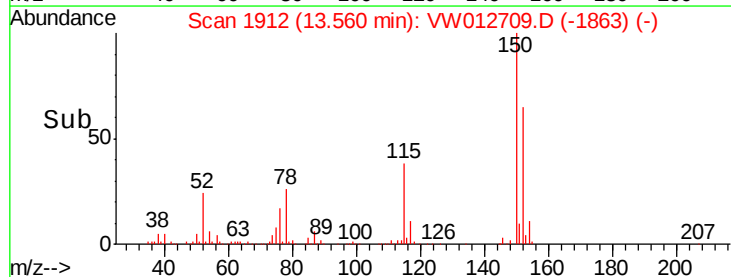
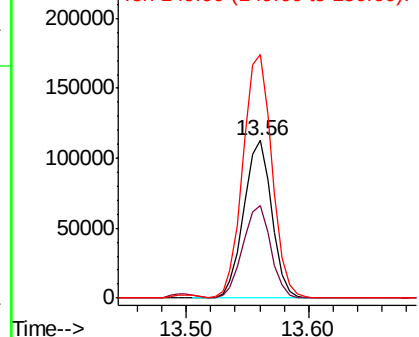


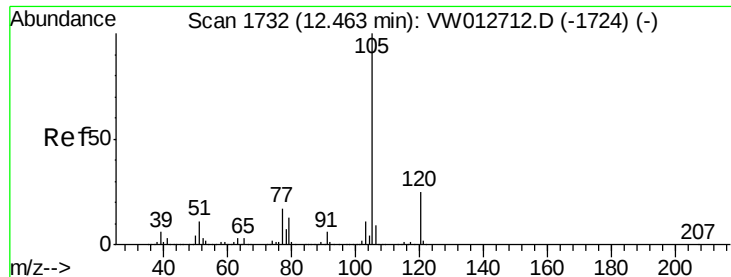
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion:152 Resp: 178445
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.1
150 160.0 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: 5.127 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

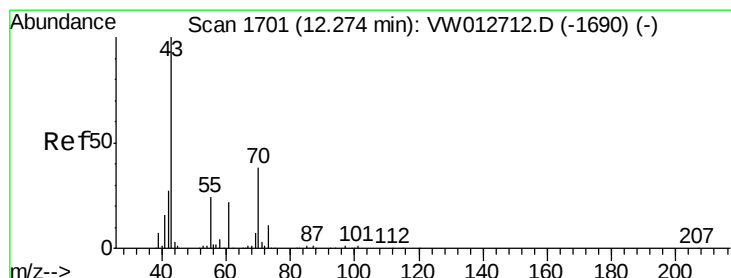
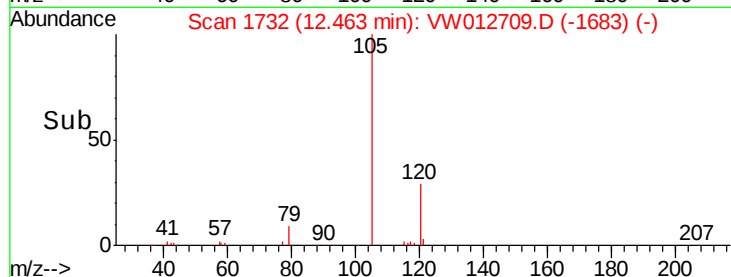
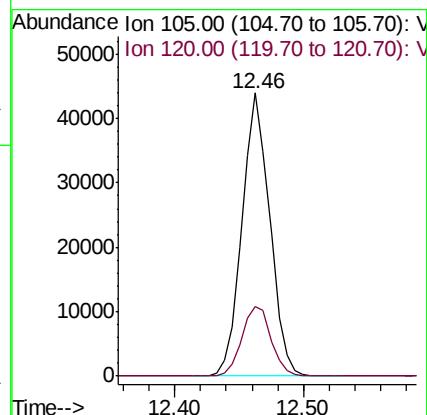
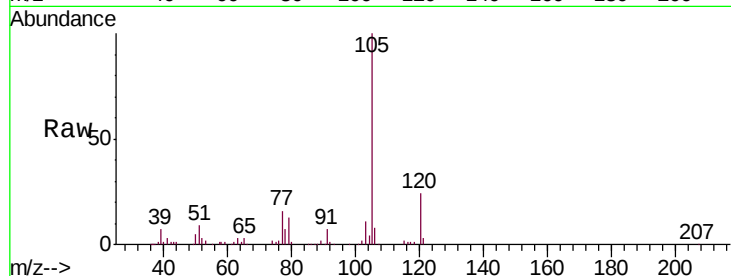
VSTDIC005

Tgt Ion: 105 Resp: 65615

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#74

N-ethyl acetate

Concen: 4.927 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Tgt Ion: 43 Resp: 20016

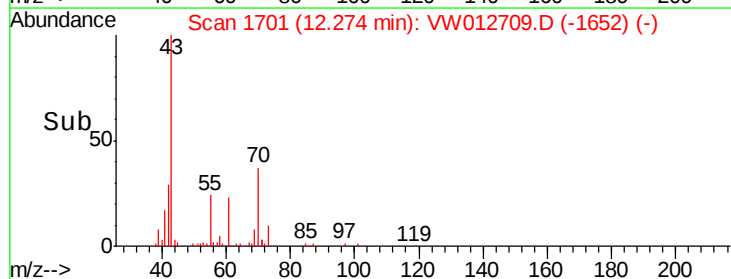
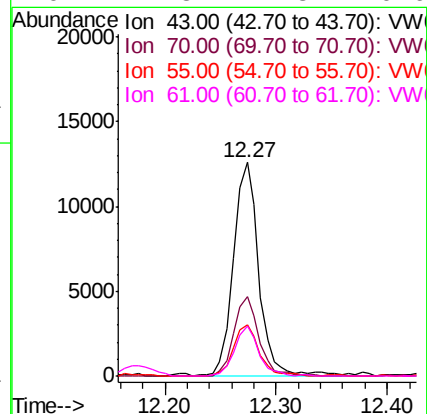
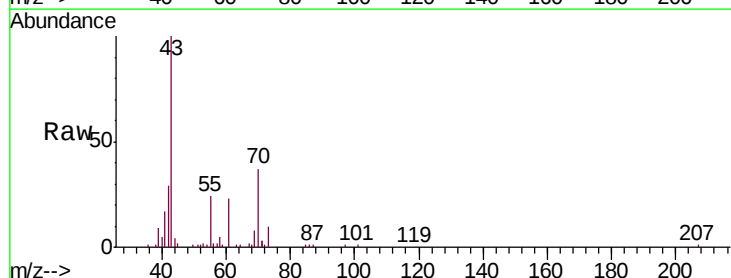
Ion Ratio Lower Upper

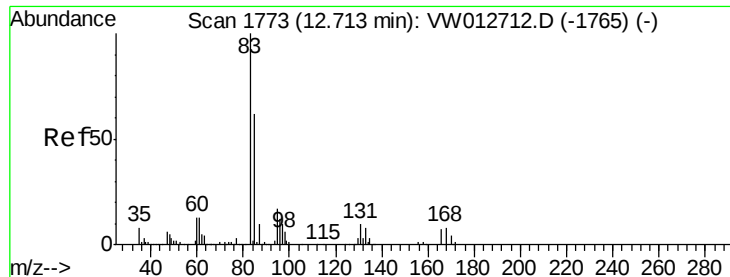
43 100

70 36.6 29.4 44.0

55 24.2 18.6 27.8

61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.432 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

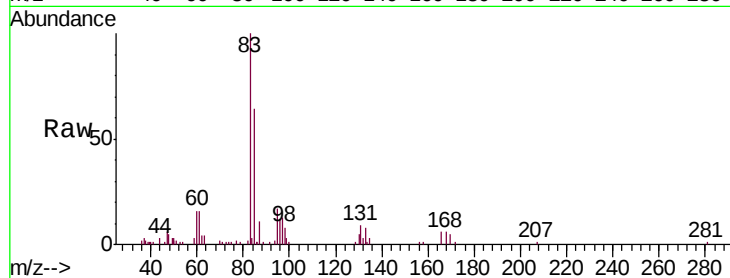
Tgt Ion: 83 Resp: 13962

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

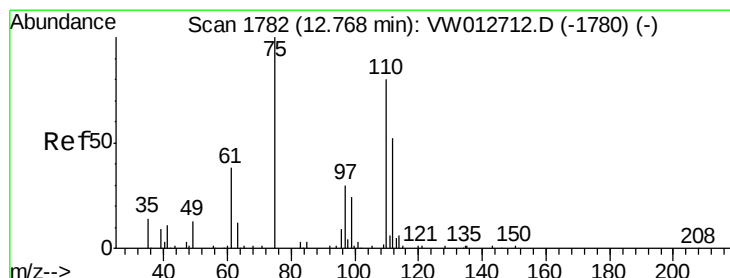
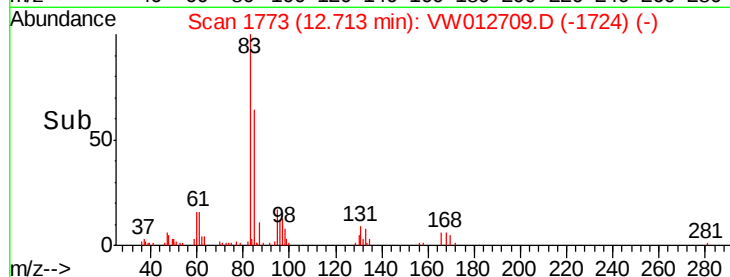
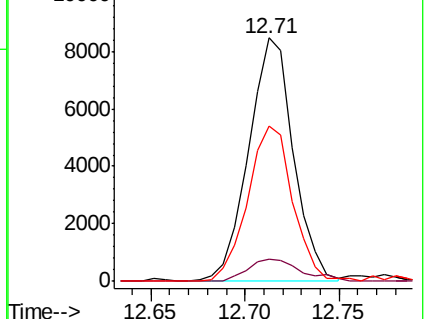
85 64.1 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 10.472 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012709.D

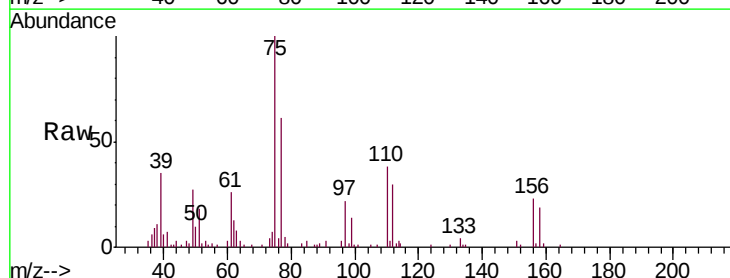
Acq: 07 Sep 2019 09:45

Tgt Ion: 75 Resp: 18339

Ion Ratio Lower Upper

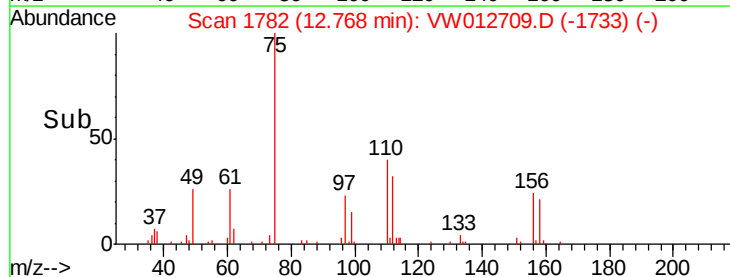
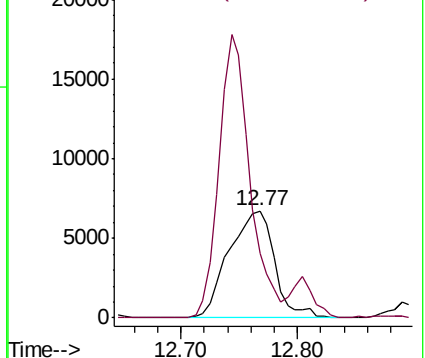
75 100

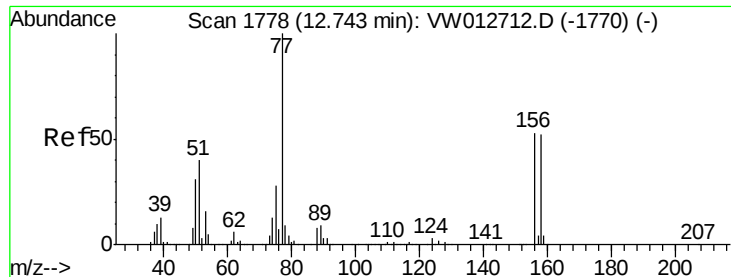
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.556 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

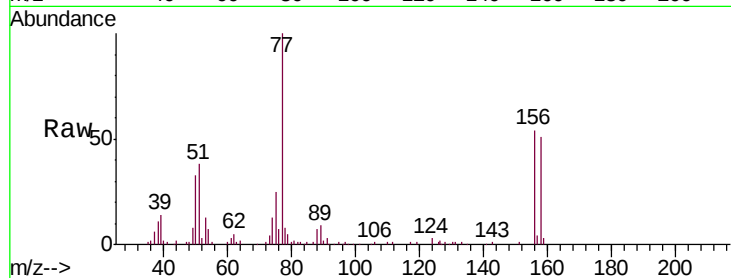
Tgt Ion:156 Resp: 16111

Ion Ratio Lower Upper

156 100

77 202.7 102.3 306.9

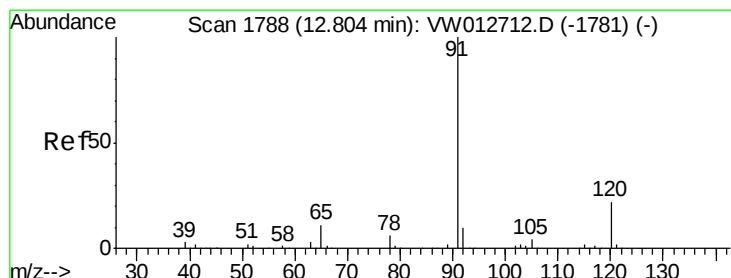
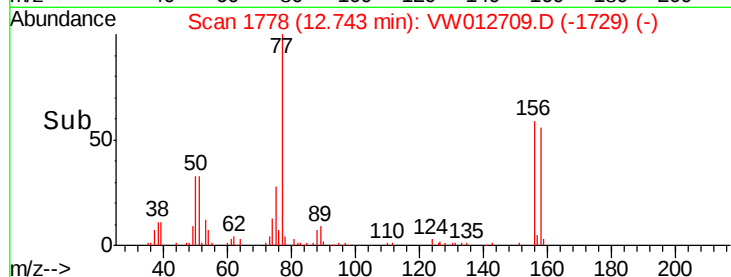
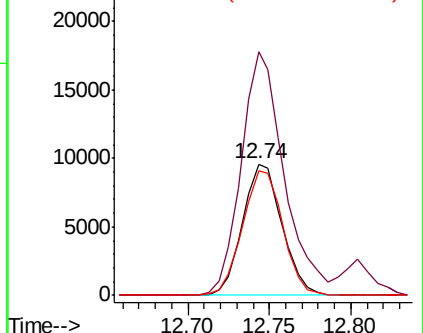
158 96.8 48.9 146.8



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: 5.150 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012709.D

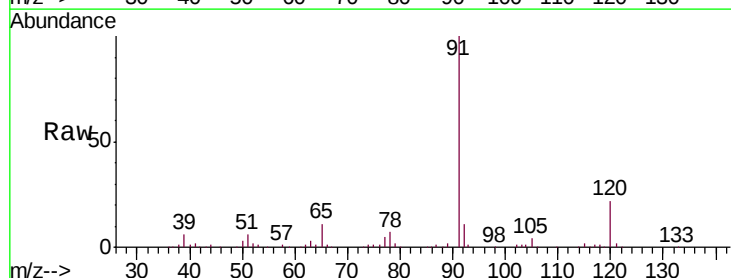
Acq: 07 Sep 2019 09:45

Tgt Ion: 91 Resp: 78837

Ion Ratio Lower Upper

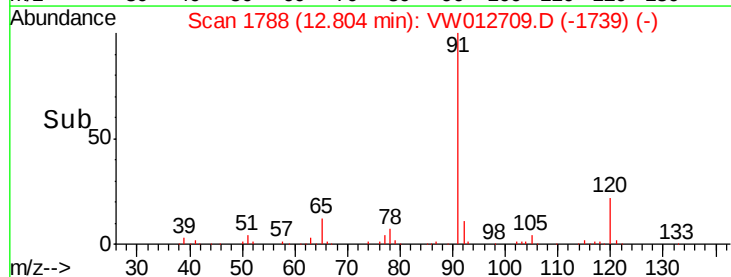
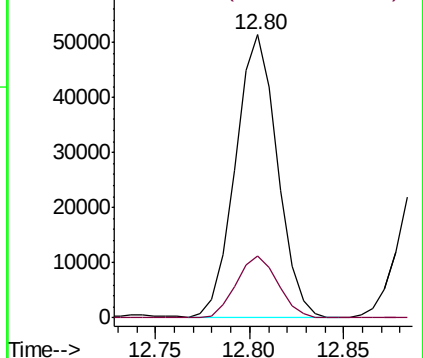
91 100

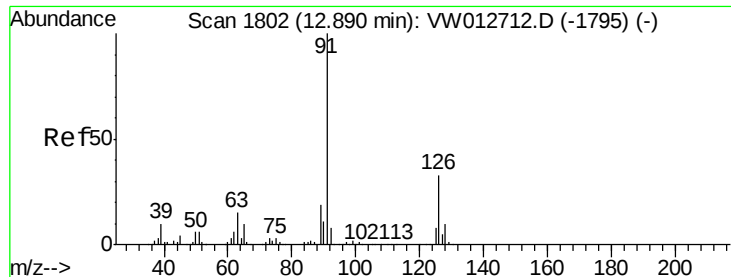
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

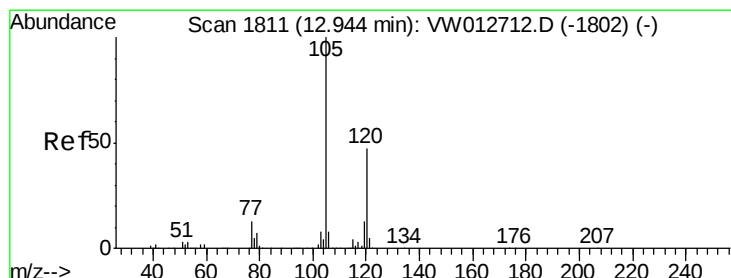
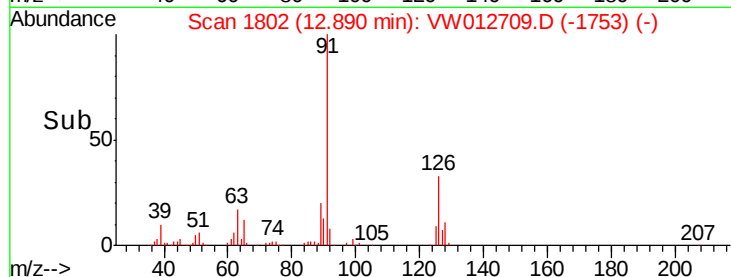
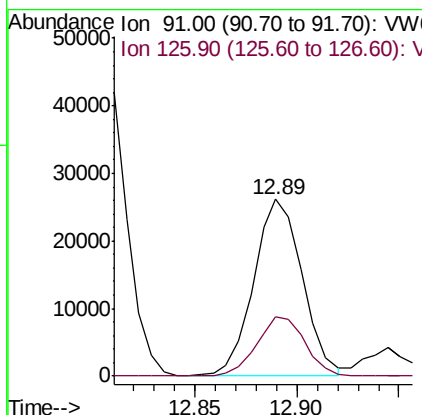
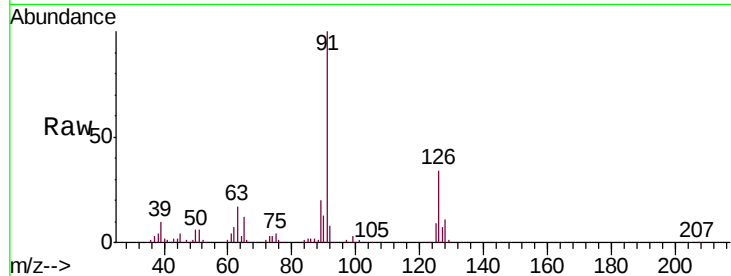




#79
 2-Chlorotoluene
 Concen: 4.907 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

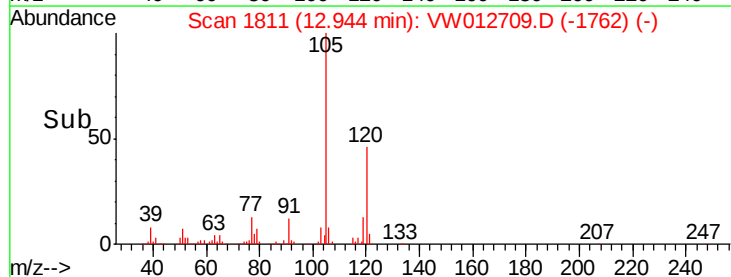
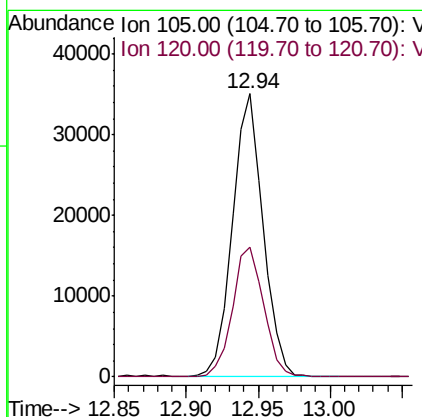
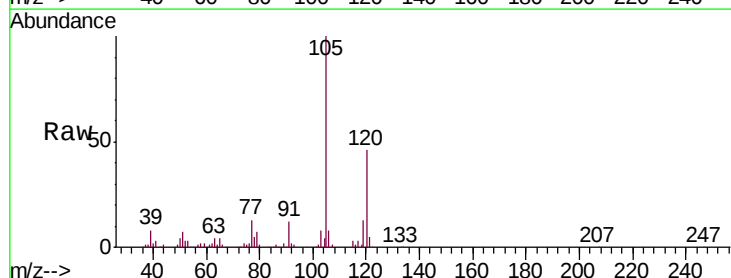
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

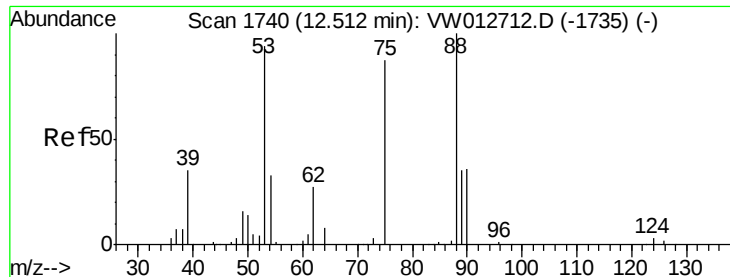
Tgt Ion: 91 Resp: 43122
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 4.817 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion: 105 Resp: 51951
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.968 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

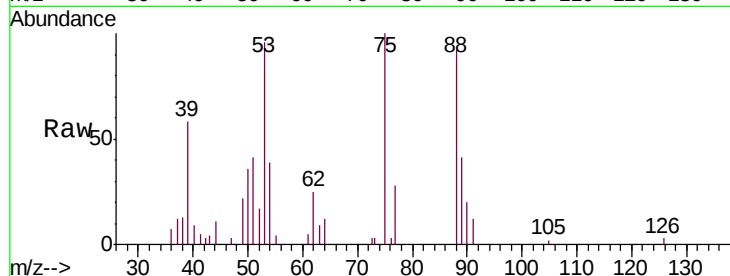
Tgt Ion: 75 Resp: 4286

Ion Ratio Lower Upper

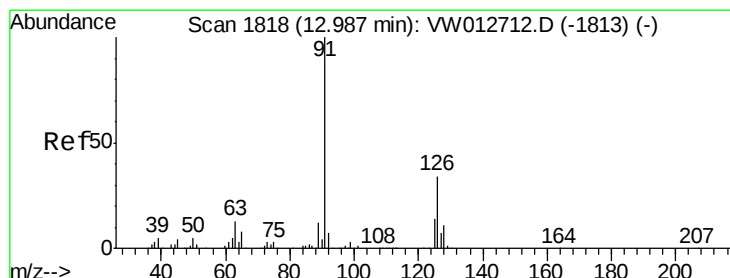
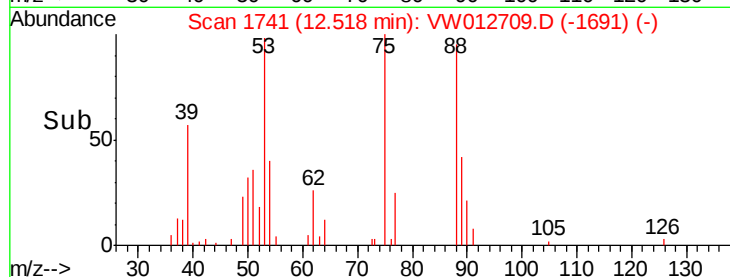
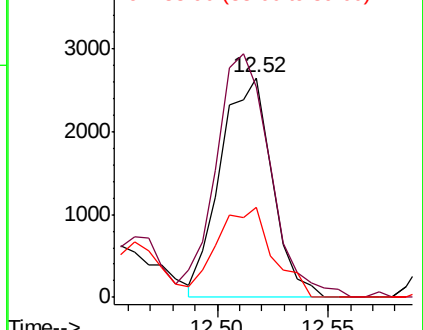
75 100

53 116.9 87.6 131.4

89 43.7 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 5.087 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012709.D

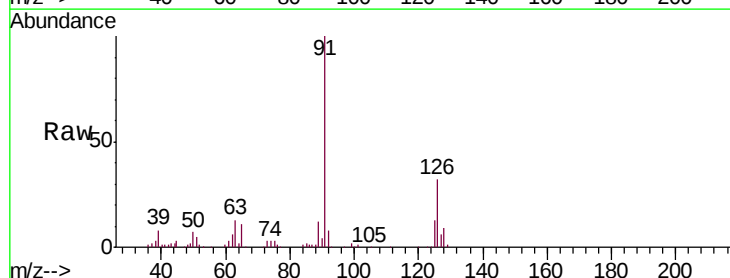
Acq: 07 Sep 2019 09:45

Tgt Ion: 91 Resp: 47279

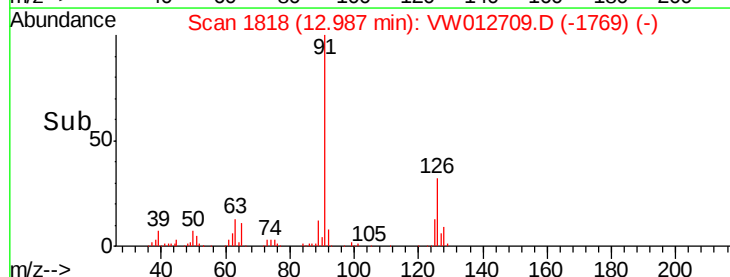
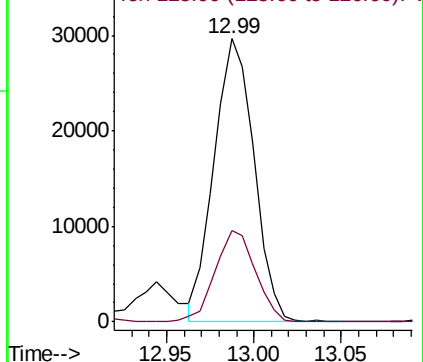
Ion Ratio Lower Upper

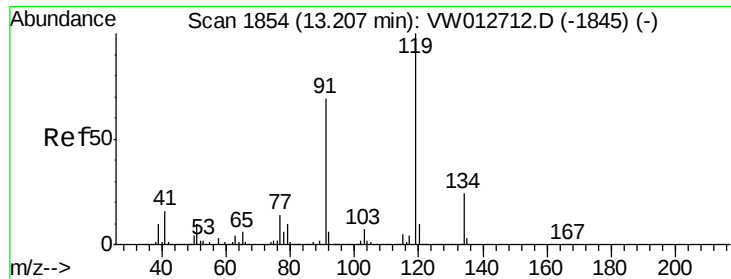
91 100

126 32.6 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

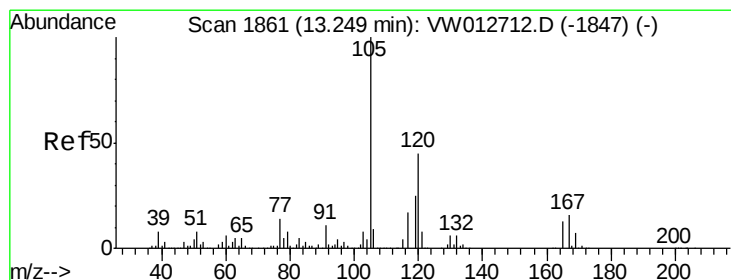
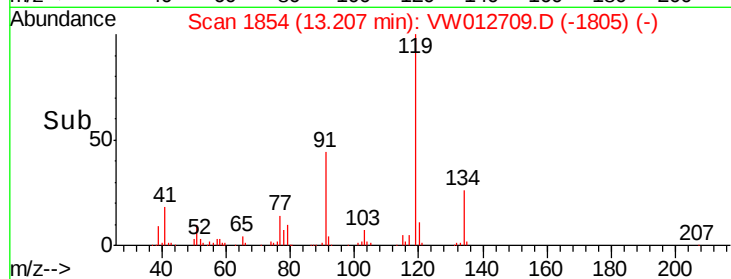
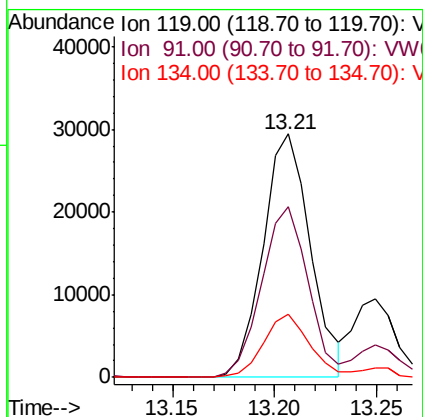
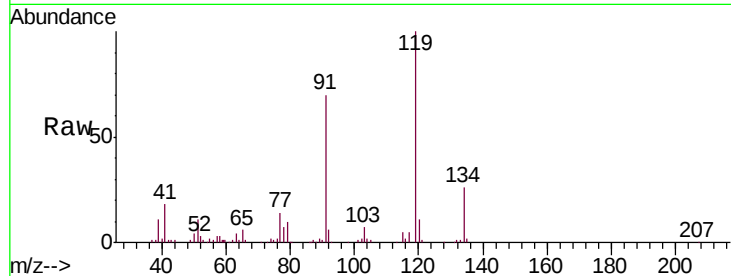




#83
 tert-Butylbenzene
 Concen: 5.000 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

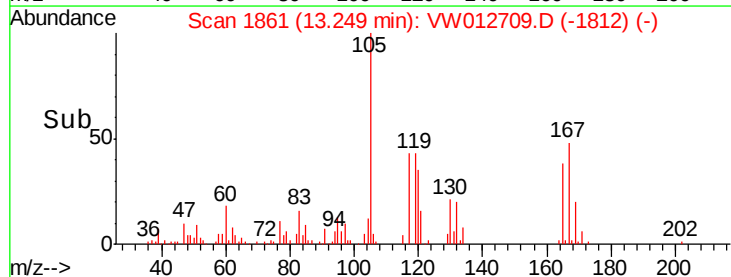
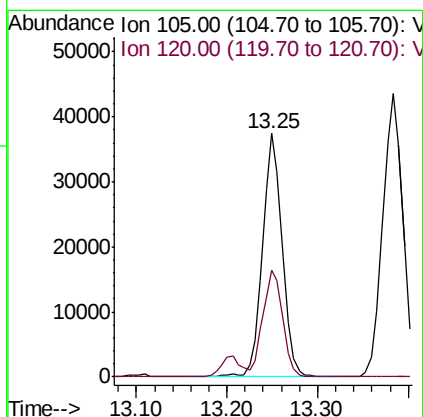
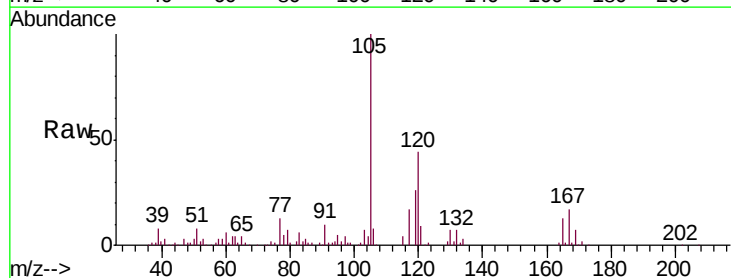
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

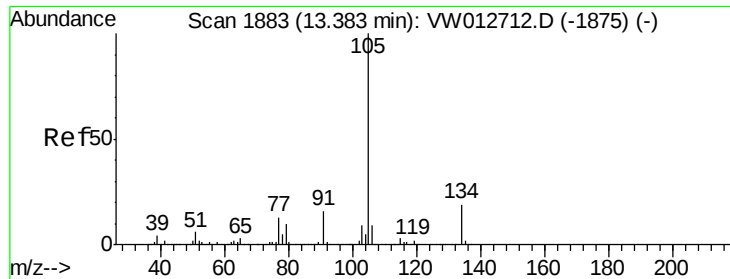
Tgt Ion:119 Resp: 47680
 Ion Ratio Lower Upper
 119 100
 91 69.2 34.2 102.5
 134 25.5 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 5.169 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion:105 Resp: 56175
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.3

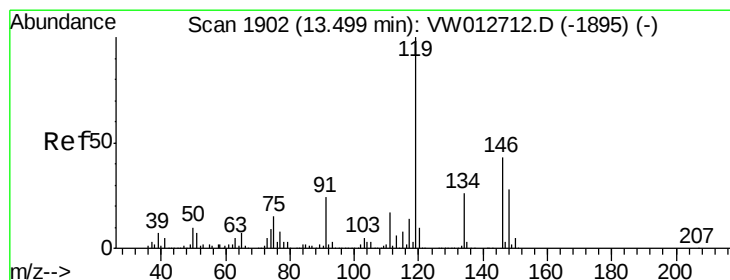
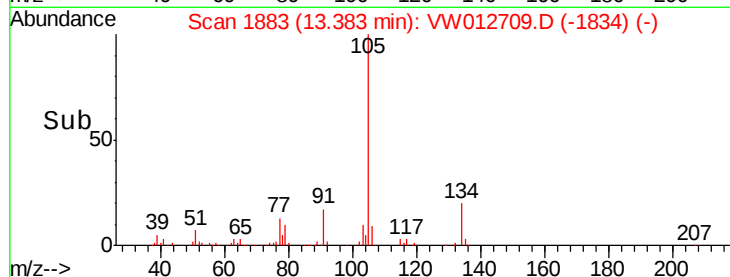
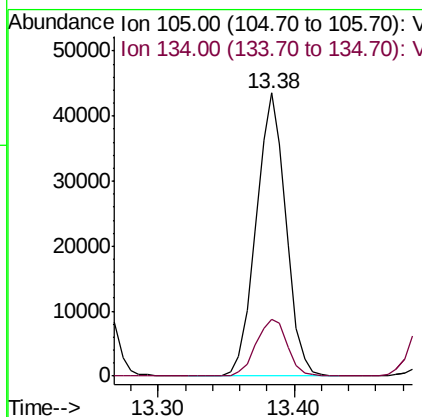
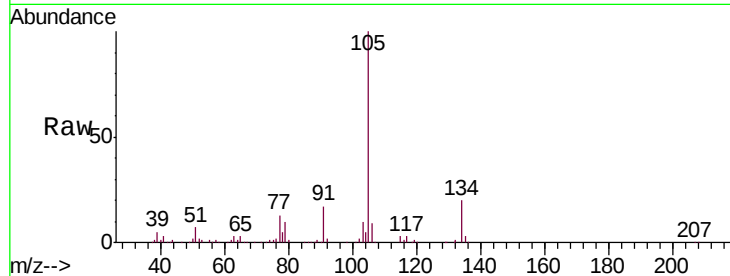




#85
 sec-Butylbenzene
 Concen: 5.060 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

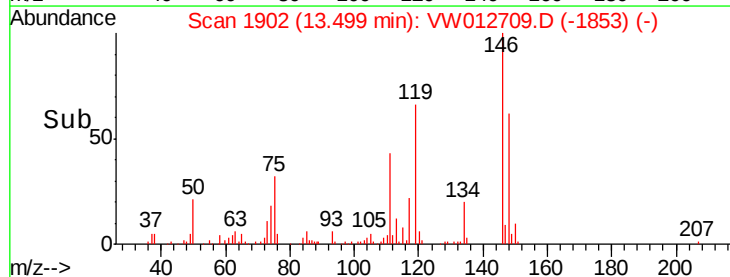
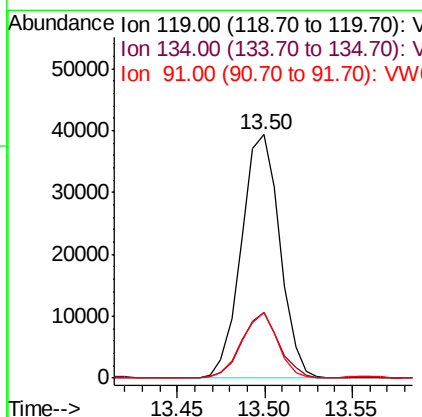
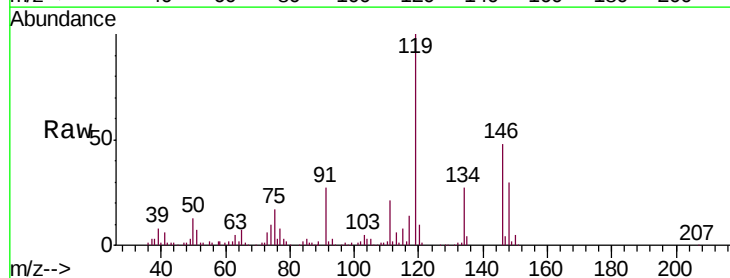
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

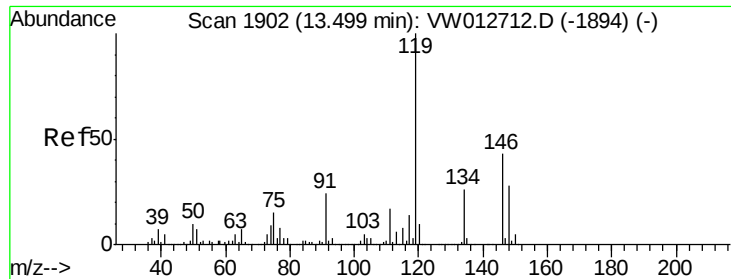
Tgt Ion:105 Resp: 66961
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 4.978 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion:119 Resp: 60172
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.1
 91 25.4 12.2 36.6

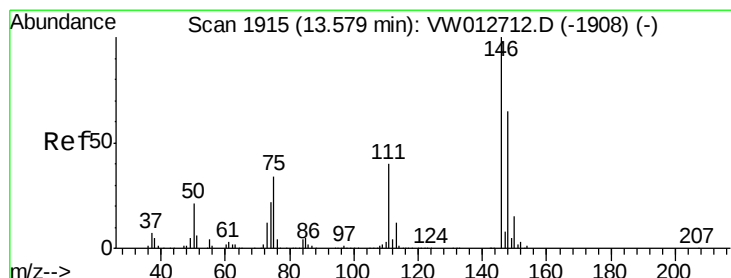
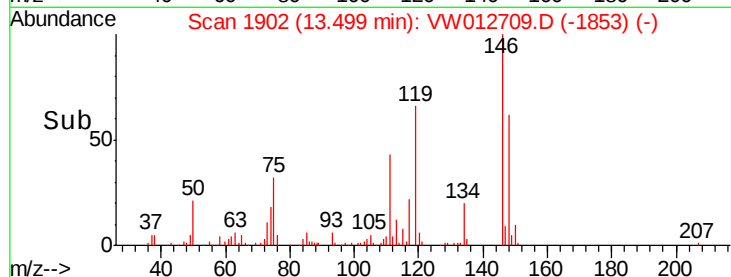
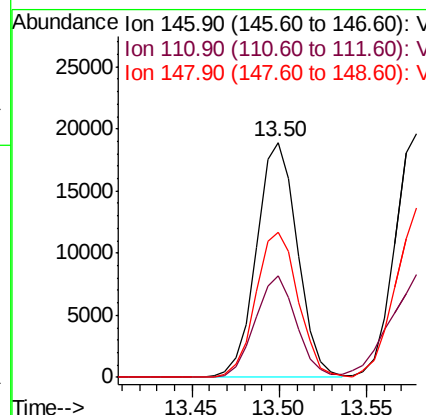
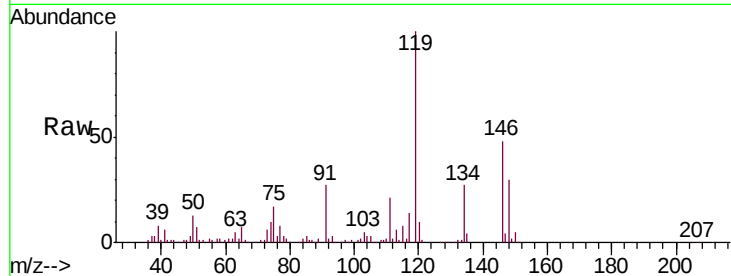




#87
 1,3-Dichlorobenzene
 Concen: 5.439 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

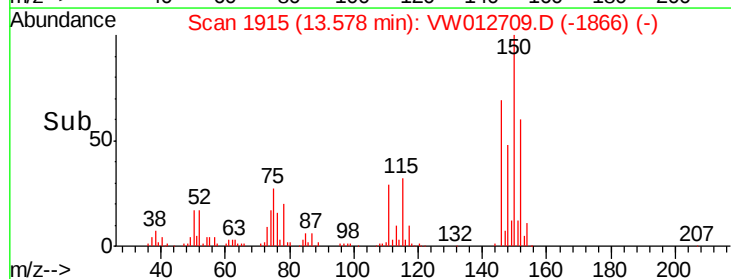
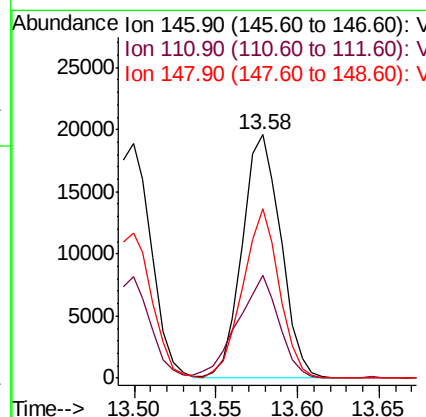
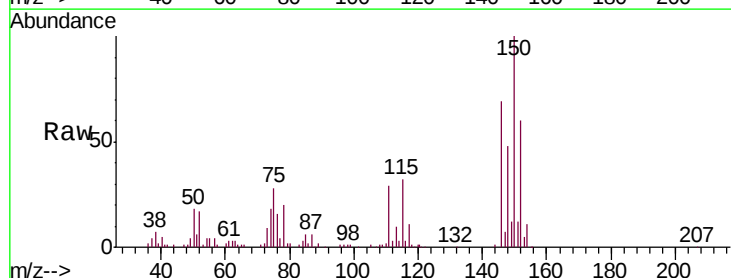
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

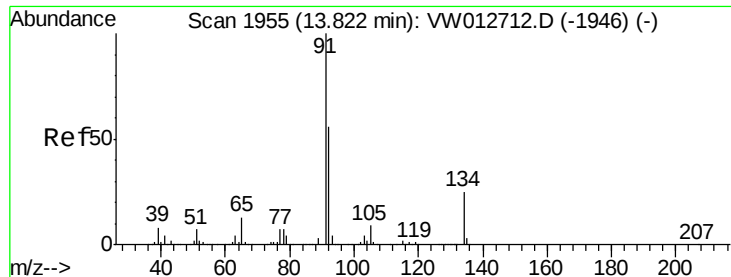
Tgt Ion:146 Resp: 30999
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.4 61.2
 148 63.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 5.695 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion:146 Resp: 32296
 Ion Ratio Lower Upper
 146 100
 111 45.3 20.0 60.0
 148 66.2 32.2 96.6





#89

n-Butylbenzene

Concen: 4.973 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012709.D

Acq: 07 Sep 2019 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

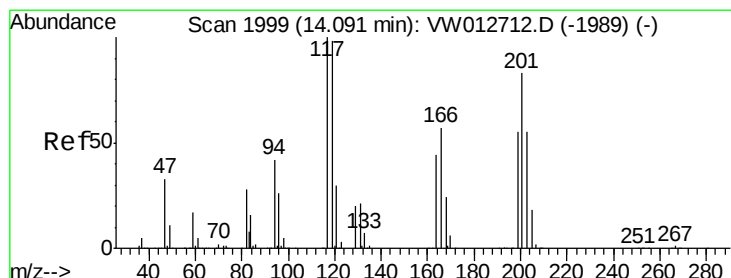
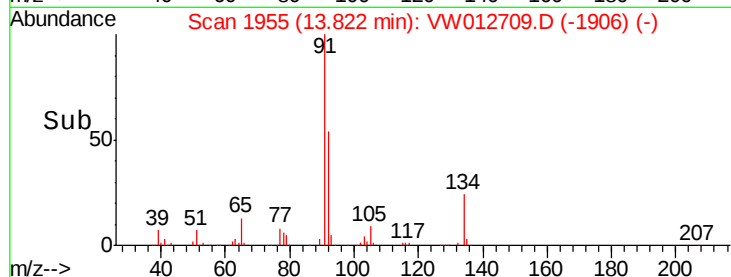
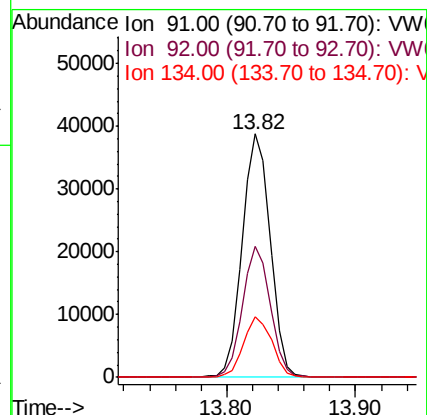
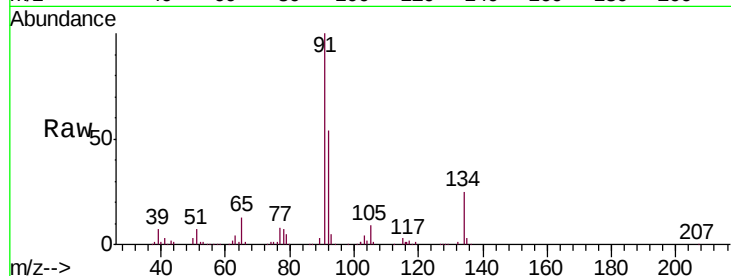
Tgt Ion: 91 Resp: 58353

Ion Ratio Lower Upper

91 100

92 53.2 27.2 81.5

134 25.3 12.7 38.1



#90

Hexachloroethane

Concen: 4.850 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012709.D

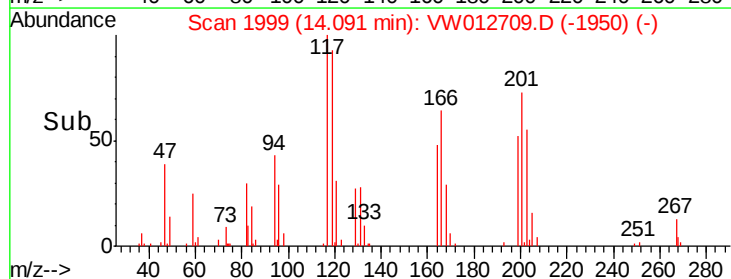
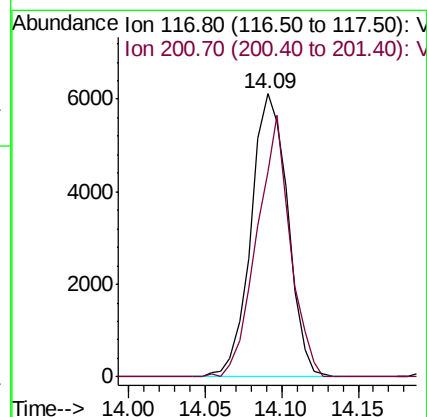
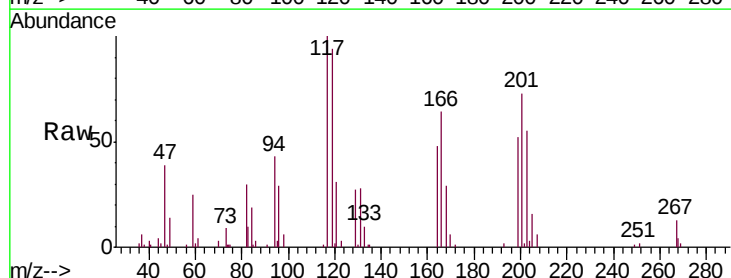
Acq: 07 Sep 2019 09:45

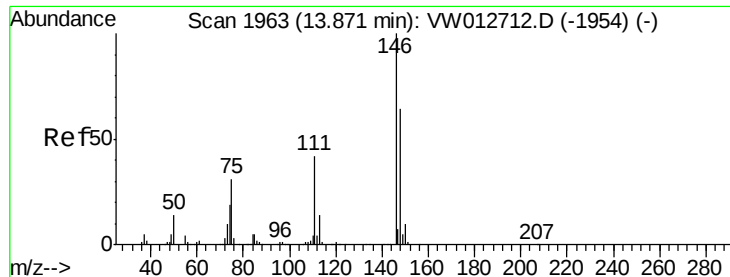
Tgt Ion: 117 Resp: 10233

Ion Ratio Lower Upper

117 100

201 83.8 42.8 128.4

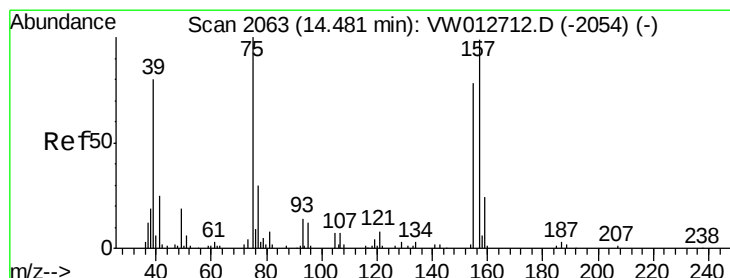
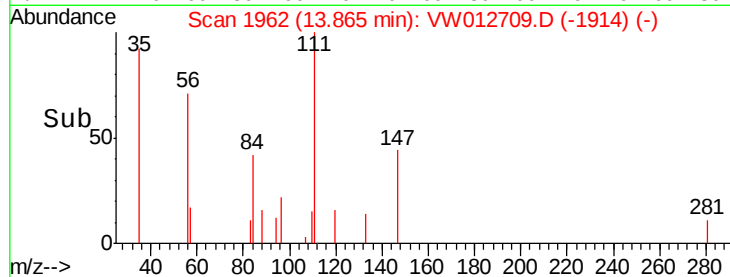
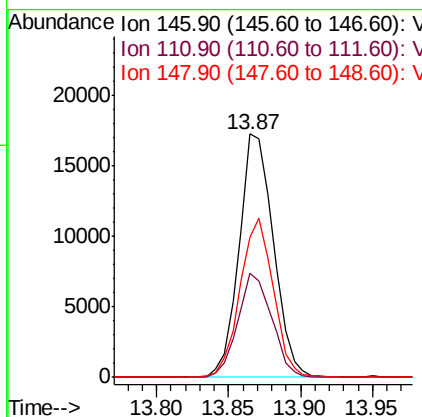
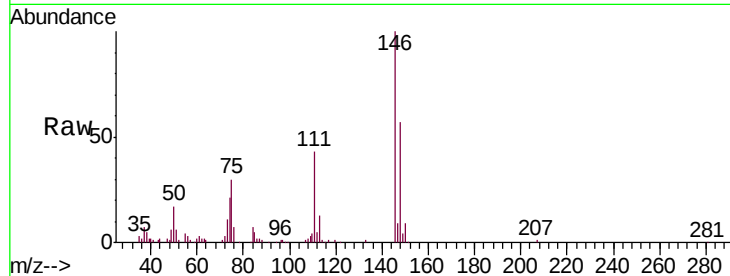




#91
 1,2-Dichlorobenzene
 Concen: 5.555 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

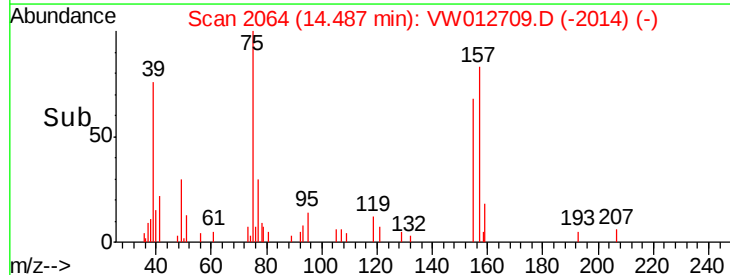
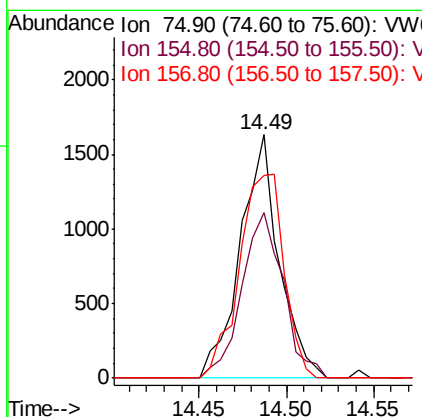
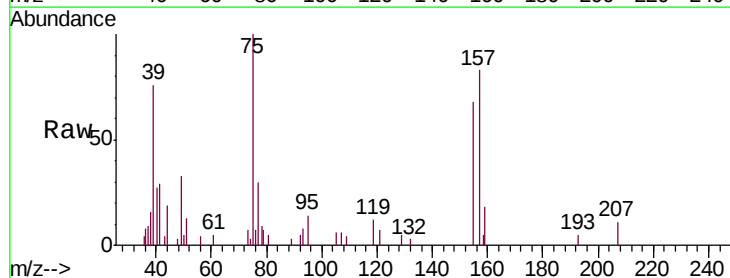
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

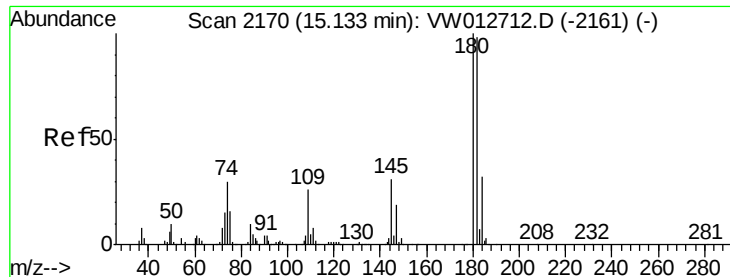
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.9
148	63.3	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.362 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.5	40.6	122.0
157	96.6	52.5	157.5

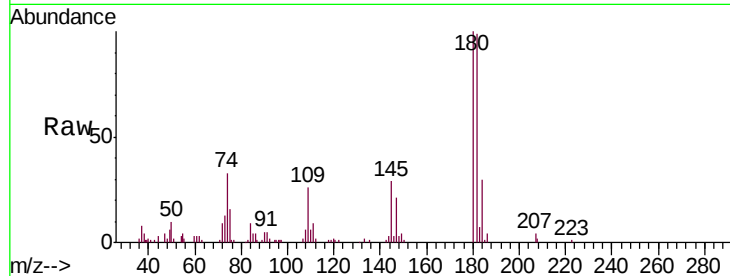




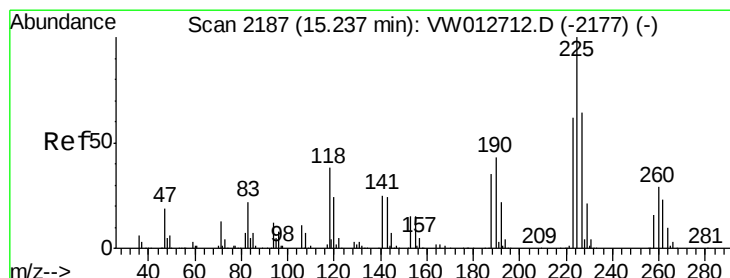
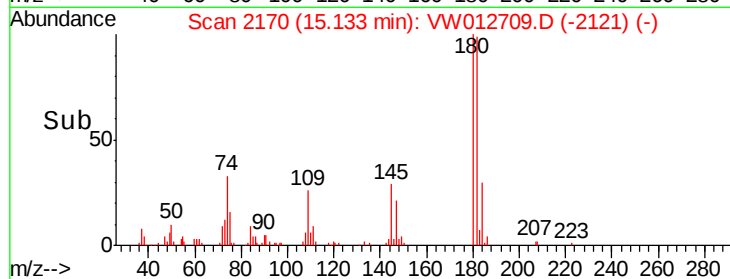
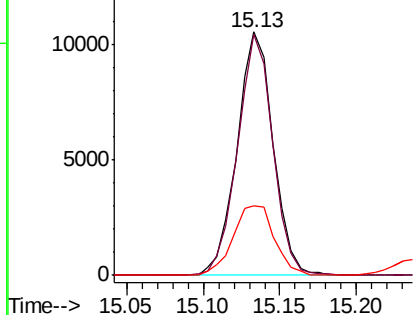
#93
 1,2,4-Trichlorobenzene
 Concen: 4.853 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 17333
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.7 146.1
 145 32.7 15.0 45.1

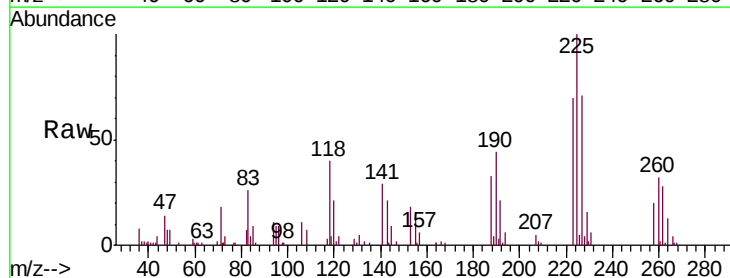


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

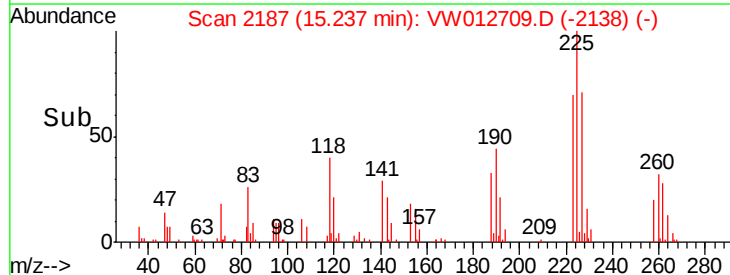
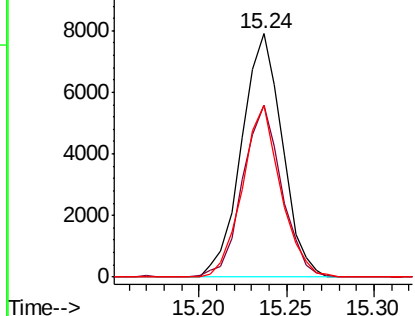


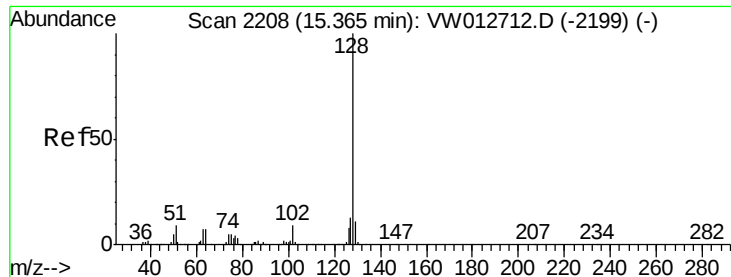
#94
 Hexachlorobutadiene
 Concen: 5.172 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012709.D
 Acq: 07 Sep 2019 09:45

Tgt Ion:225 Resp: 12786
 Ion Ratio Lower Upper
 225 100
 223 67.7 31.1 93.3
 227 66.4 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

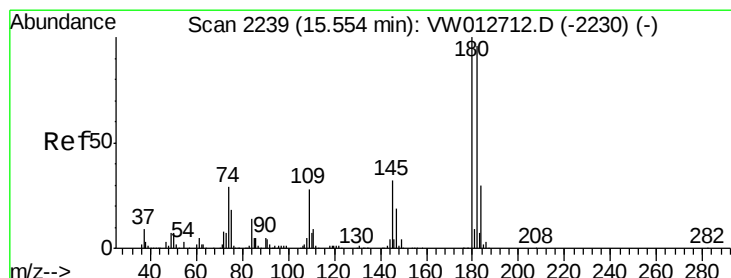
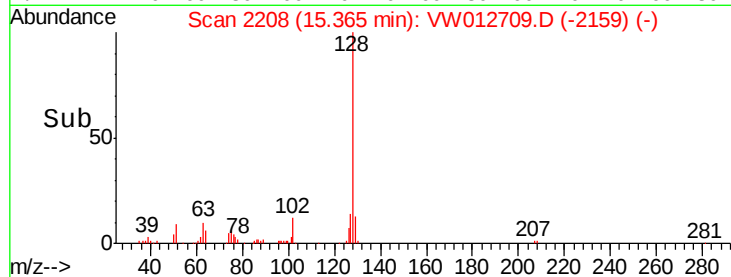
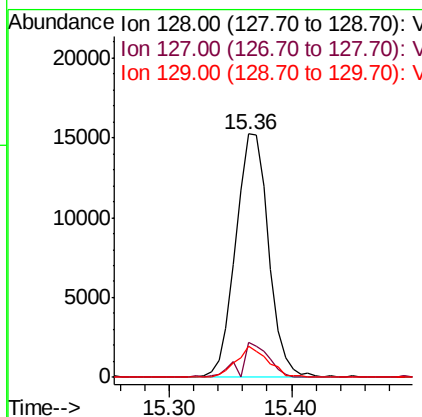
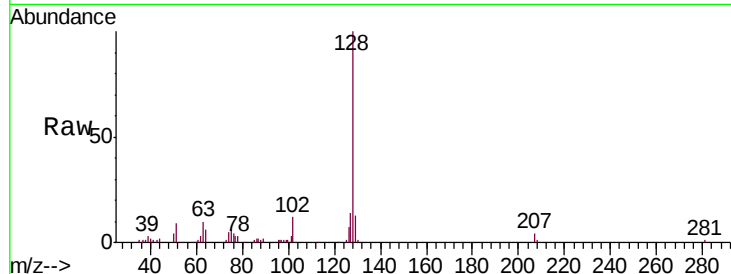




#95
Naphthalene
Concen: 4.269 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 28388
Ion Ratio Lower Upper
128 100
127 12.2 10.7 16.1
129 12.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.860 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW012709.D
Acq: 07 Sep 2019 09:45

Tgt Ion:180 Resp: 15320
Ion Ratio Lower Upper
180 100
182 100.7 47.8 143.3
145 34.4 15.4 46.2

