

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
 Data File : VW012886.D
 Acq On : 10 Sep 2019 23:44
 Operator : SY/VA
 Sample : VW0910SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

Quant Time: Sep 11 08:21:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	255511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114212	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	93806	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	7.88	113	76224	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.32	98	301768	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	106950	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	17014	18.112 ug/l	98
3) Chloromethane	2.21	50	23214	20.334 ug/l #	86
4) Vinyl Chloride	2.35	62	27657	19.758 ug/l	99
5) Bromomethane	2.76	94	16492	21.697 ug/l	93
6) Chloroethane	2.92	64	17814	21.326 ug/l	95
7) Trichlorofluoromethane	3.25	101	17282	17.891 ug/l	100
8) Diethyl Ether	3.67	74	16915	20.835 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	30507	20.125 ug/l	97
10) Methyl Iodide	4.27	142	38436	20.142 ug/l	97
11) Tert butyl alcohol	5.16	59	18698	126.226 ug/l	99
12) 1,1-Dichloroethene	4.04	96	27204	19.011 ug/l	93
13) Acrolein	3.89	56	13075	83.177 ug/l	99
14) Allyl chloride	4.67	41	51060	17.249 ug/l	96
15) Acrylonitrile	5.36	53	50259	105.990 ug/l	100
16) Acetone	4.12	43	44979	85.217 ug/l	98
17) Carbon Disulfide	4.38	76	54706	18.011 ug/l	98
18) Methyl Acetate	4.67	43	28732	23.202 ug/l	96
19) Methyl tert-butyl Ether	5.42	73	60648	21.371 ug/l	99
20) Methylene Chloride	4.91	84	33971	20.572 ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	28871	19.773 ug/l	90
22) Diisopropyl ether	6.30	45	112621	19.182 ug/l	92
23) Vinyl Acetate	6.25	43	356292	95.758 ug/l	99
24) 1,1-Dichloroethane	6.21	63	61510	19.458 ug/l	97
25) 2-Butanone	7.16	43	71511	104.452 ug/l	99
26) 2,2-Dichloropropane	7.16	77	37626	18.845 ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	34040	20.106 ug/l	99
28) Bromochloromethane	7.51	49	25462	17.541 ug/l #	89
29) Tetrahydrofuran	7.53	42	45583	106.944 ug/l	96
30) Chloroform	7.67	83	60660	19.362 ug/l	99
31) Cyclohexane	7.95	56	53176	18.685 ug/l #	90
32) 1,1,1-Trichloroethane	7.87	97	49671	19.559 ug/l	96
36) 1,1-Dichloropropene	8.07	75	45968	20.248 ug/l	99
37) Ethyl Acetate	7.24	43	30582	21.131 ug/l	97
38) Carbon Tetrachloride	8.07	117	44563	19.913 ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	52658	20.652	ug/l	94
40) Benzene	8.32	78	127599	20.257	ug/l	99
41) Methacrylonitrile	7.48	41	16470	19.295	ug/l	86
42) 1,2-Dichloroethane	8.40	62	45309	20.439	ug/l	97
43) Isopropyl Acetate	8.42	43	55919	20.394	ug/l	97
44) Trichloroethene	9.09	130	34117	21.012	ug/l	85
45) 1,2-Dichloropropane	9.37	63	33860	19.381	ug/l	98
46) Dibromomethane	9.46	93	17725	21.426	ug/l	97
47) Bromodichloromethane	9.64	83	44057	19.357	ug/l	97
48) Methyl methacrylate	9.43	41	25838	19.719	ug/l	97
49) 1,4-Dioxane	9.44	88	7699	471.139	ug/l	86
51) 4-Methyl-2-Pentanone	10.21	43	152697	106.132	ug/l	98
52) Toluene	10.38	92	80351	20.438	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	44639	19.073	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	51527	19.408	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	26546	21.433	ug/l	99
56) Ethyl methacrylate	10.64	69	38087	21.008	ug/l	94
57) 1,3-Dichloropropane	10.93	76	47565	20.759	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	101002	104.940	ug/l	94
59) 2-Hexanone	10.96	43	103774	98.726	ug/l	97
60) Dibromochloromethane	11.13	129	29639	20.348	ug/l	98
61) 1,2-Dibromoethane	11.23	107	24777	21.820	ug/l	99
64) Tetrachloroethene	10.86	164	30958	22.533	ug/l	95
65) Chlorobenzene	11.66	112	85998	20.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	32067	20.121	ug/l	99
67) Ethyl Benzene	11.73	91	158113	19.692	ug/l	98
68) m/p-Xylenes	11.83	106	116754	40.284	ug/l	99
69) o-Xylene	12.16	106	55488	20.293	ug/l	97
70) Styrene	12.18	104	97478	20.175	ug/l	99
71) Bromoform	12.35	173	19234	21.722	ug/l #	97
73) Isopropylbenzene	12.46	105	158351	19.331	ug/l	100
74) N-amyl acetate	12.27	43	49414	19.004	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	32813	19.946	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	44425	38.039	ug/l #	100
77) Bromobenzene	12.74	156	37211	20.050	ug/l	97
78) n-propylbenzene	12.80	91	188320	19.222	ug/l	99
79) 2-Chlorotoluene	12.89	91	106971	19.020	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	134591	19.499	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10498	19.012	ug/l	98
82) 4-Chlorotoluene	12.99	91	113386	19.059	ug/l	97
83) tert-Butylbenzene	13.21	119	119711	19.614	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	135056	19.418	ug/l	99
85) sec-Butylbenzene	13.38	105	163317	19.284	ug/l	98
86) p-Isopropyltoluene	13.50	119	150255	19.423	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	72485	19.871	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	71921	19.814	ug/l	99
89) n-Butylbenzene	13.82	91	137630	18.326	ug/l	100
90) Hexachloroethane	14.09	117	25902	19.180	ug/l	97
91) 1,2-Dichlorobenzene	13.86	146	66415	20.228	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6230	20.693	ug/l	95

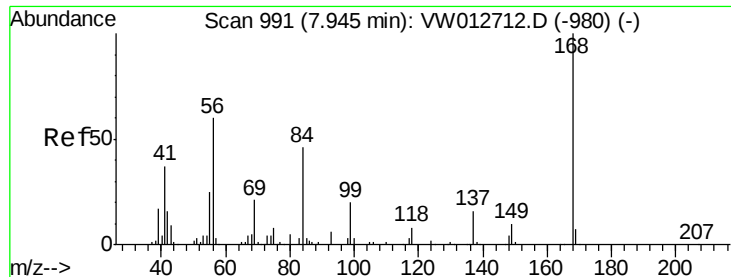
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	46688	20.424	ug/l	97
94) Hexachlorobutadiene	15.24	225	33181	20.971	ug/l	98
95) Naphthalene	15.36	128	89721	21.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	42817	21.220	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

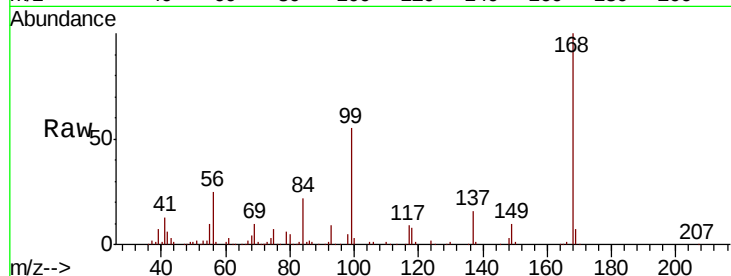
VW0910SBSD02

Tgt Ion:168 Resp: 173278

Ion Ratio Lower Upper

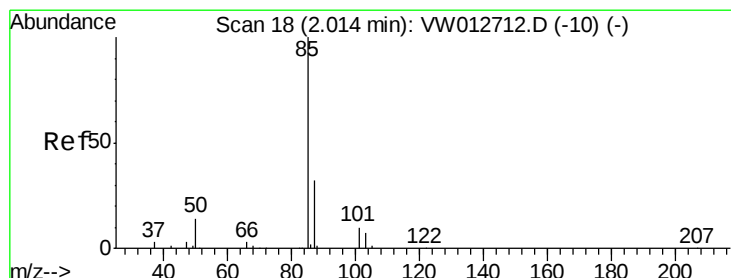
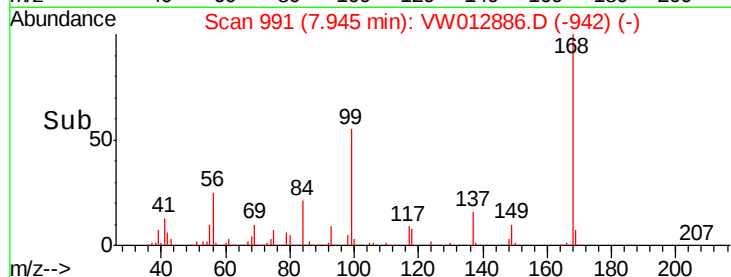
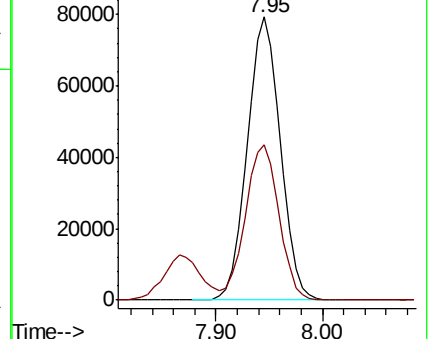
168 100

99 54.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.112 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012886.D

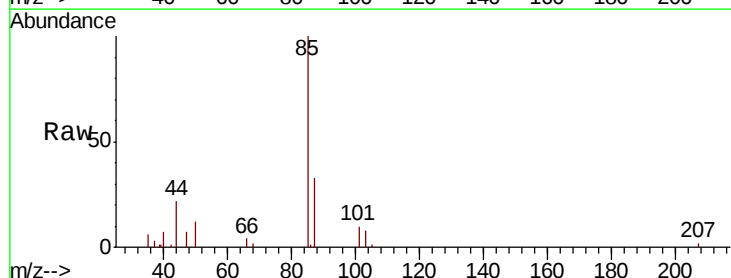
Acq: 10 Sep 2019 23:44

Tgt Ion: 85 Resp: 17014

Ion Ratio Lower Upper

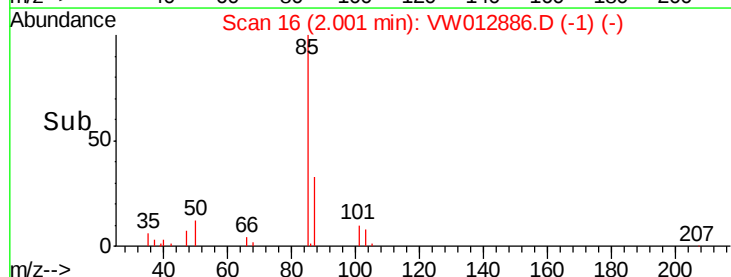
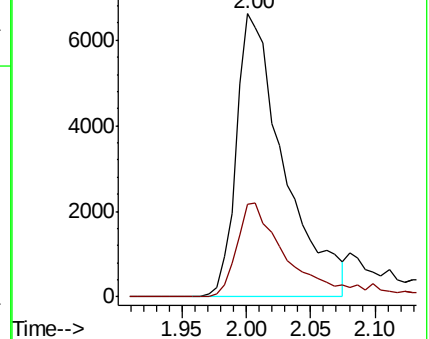
85 100

87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.334 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

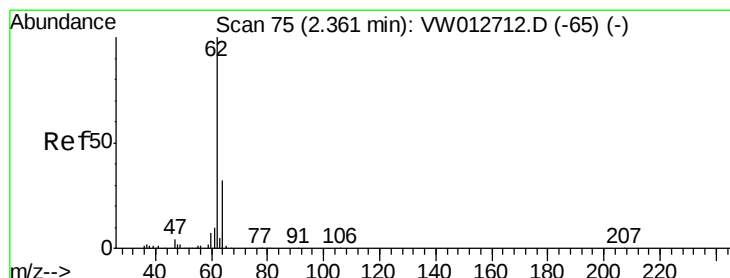
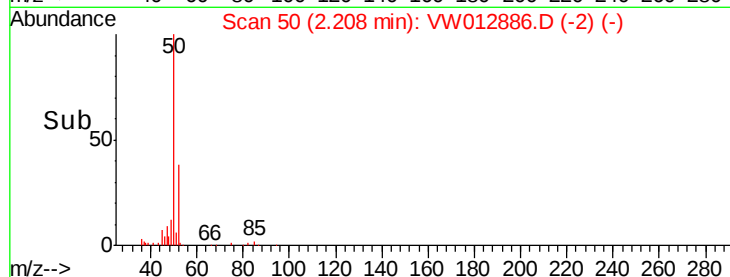
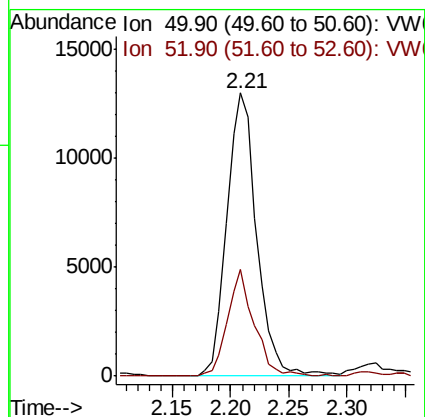
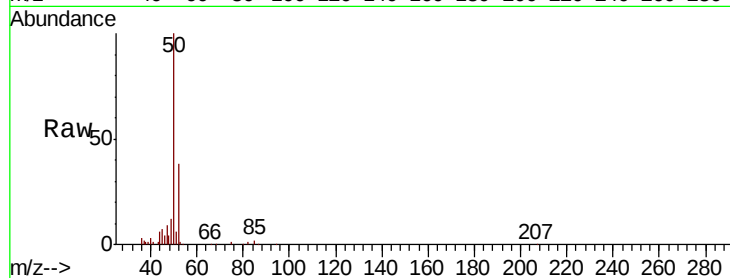
VW0910SBSD02

Tgt Ion: 50 Resp: 23214

Ion Ratio Lower Upper

50 100

52 37.5 24.2 36.2#



#4

Vinyl Chloride

Concen: 19.758 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012886.D

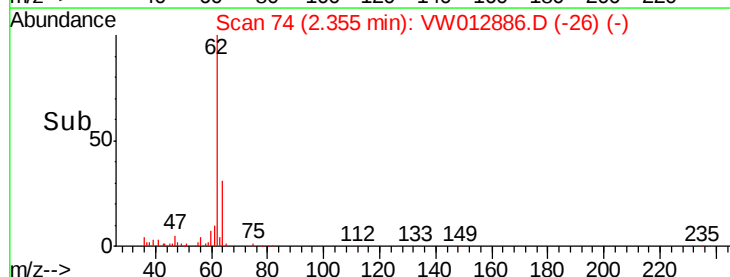
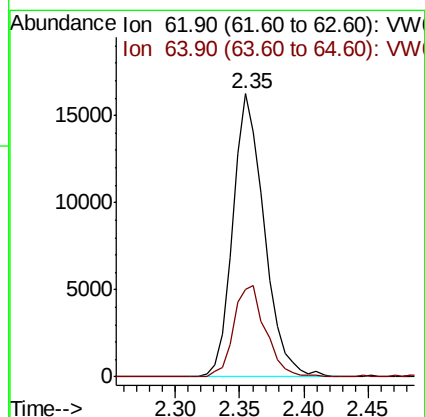
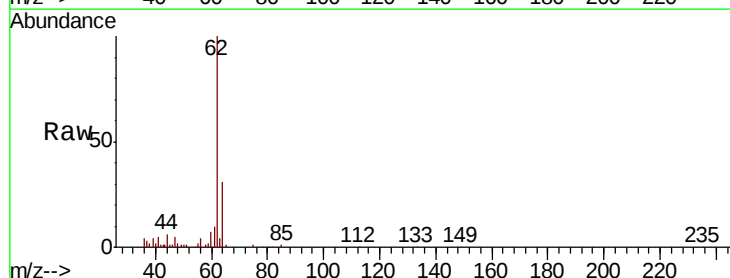
Acq: 10 Sep 2019 23:44

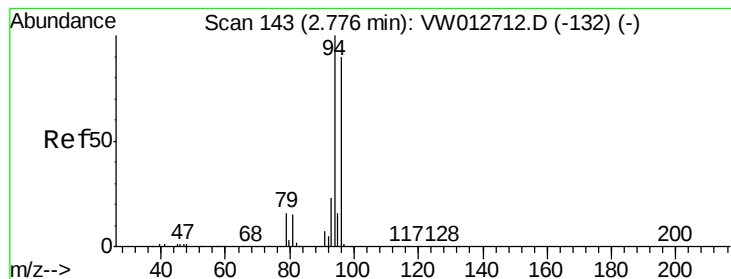
Tgt Ion: 62 Resp: 27657

Ion Ratio Lower Upper

62 100

64 30.9 25.3 37.9





#5

Bromomethane

Concen: 21.697 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.02 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

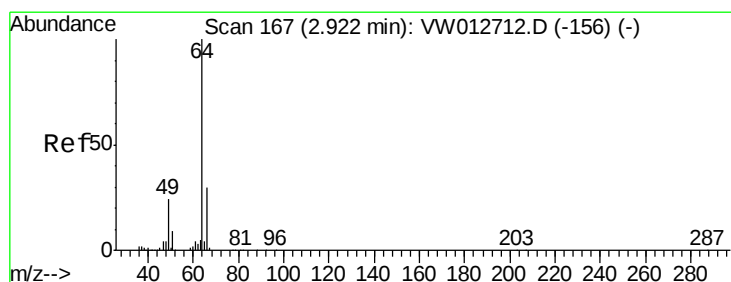
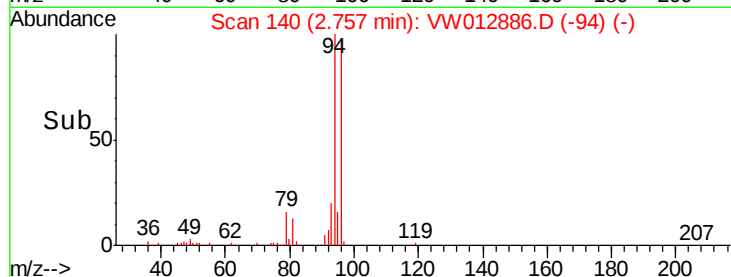
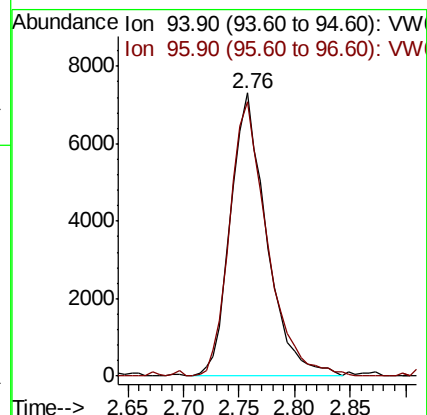
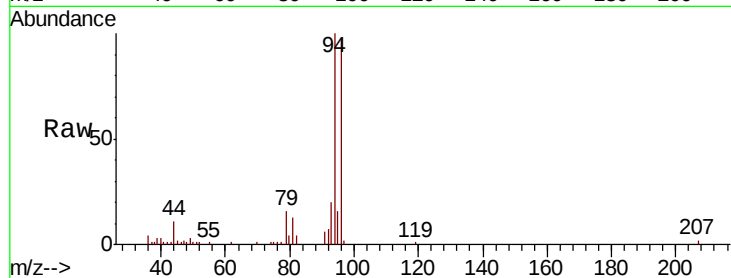
VW0910SBSD02

Tgt Ion: 94 Resp: 16492

Ion Ratio Lower Upper

94 100

96 97.2 72.1 108.1



#6

Chloroethane

Concen: 21.326 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012886.D

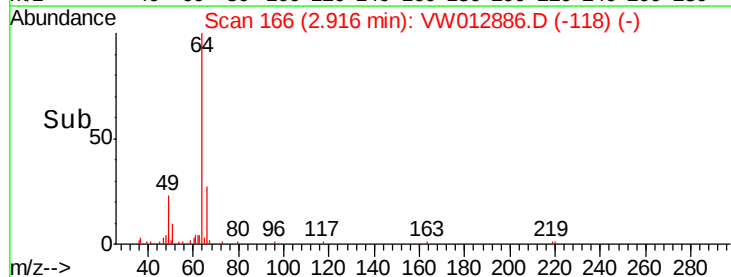
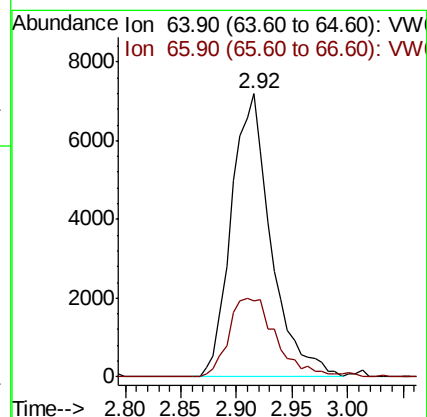
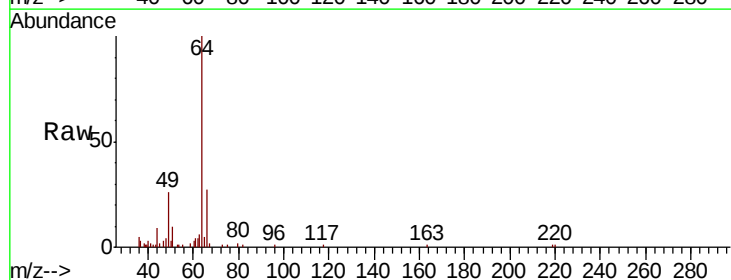
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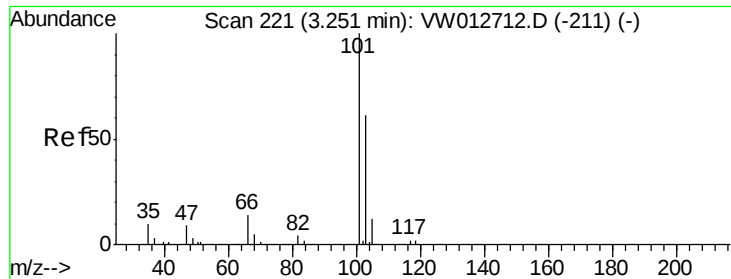
Tgt Ion: 64 Resp: 17814

Ion Ratio Lower Upper

64 100

66 27.0 23.8 35.6



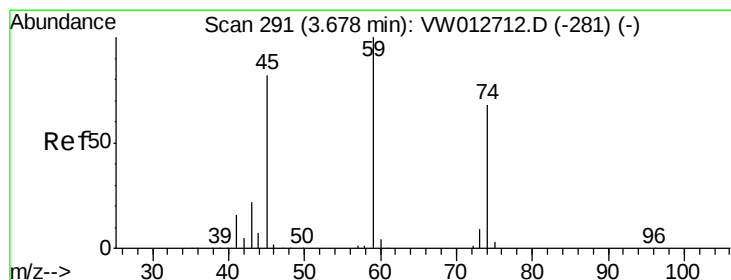
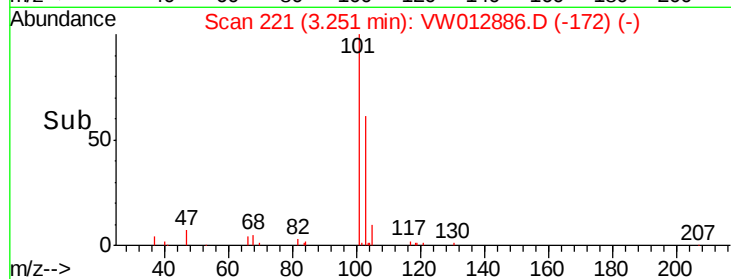
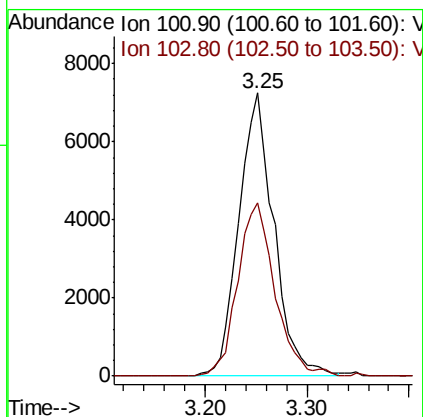
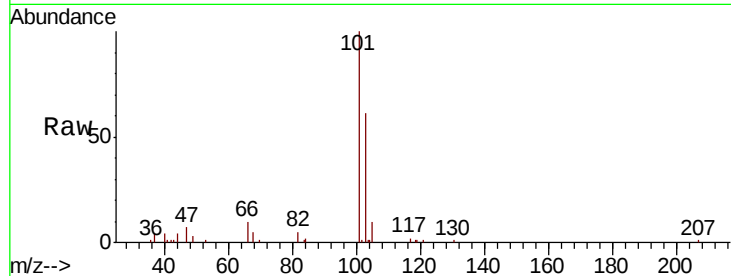


#7

Trichlorofluoromethane
 Concen: 17.891 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Instrument :
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 ClientSampleId :
 VW0910SBSD02

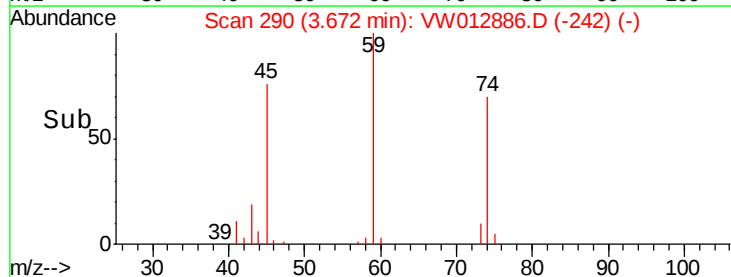
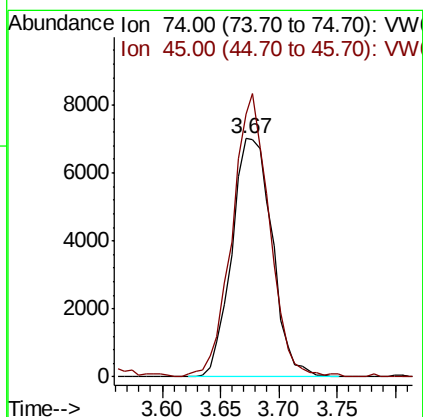
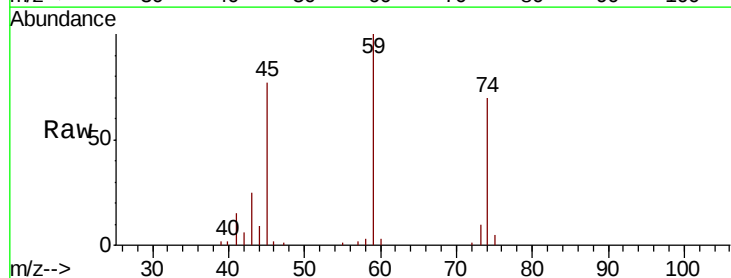
Tgt Ion:101 Resp: 17282
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.0 73.4

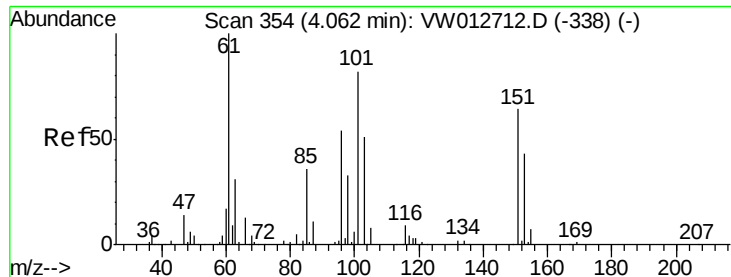


#8

Diethyl Ether
 Concen: 20.835 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 74 Resp: 16915
 Ion Ratio Lower Upper
 74 100
 45 109.6 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.125 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

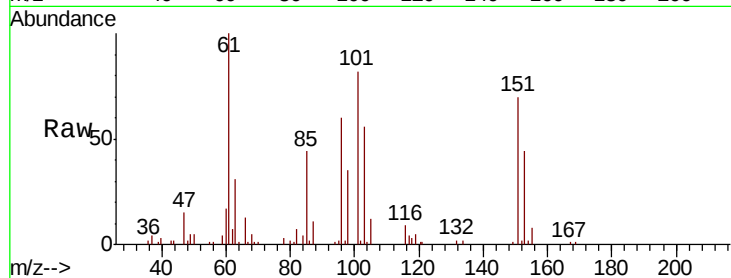
Tgt Ion:101 Resp: 30507

Ion Ratio Lower Upper

101 100

85 42.4 36.2 54.2

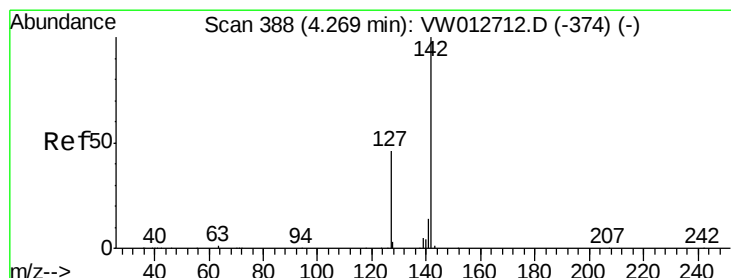
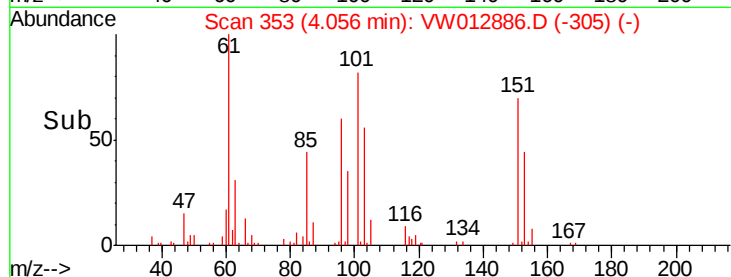
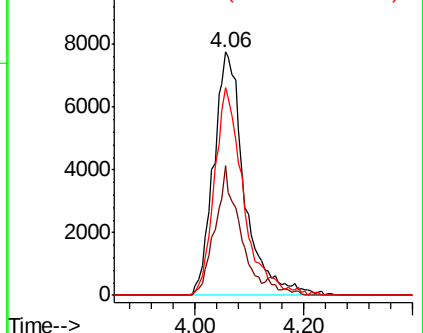
151 79.9 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.142 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

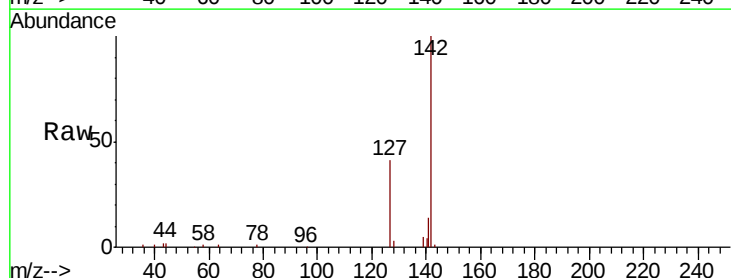
Tgt Ion:142 Resp: 38436

Ion Ratio Lower Upper

142 100

127 42.8 36.0 54.0

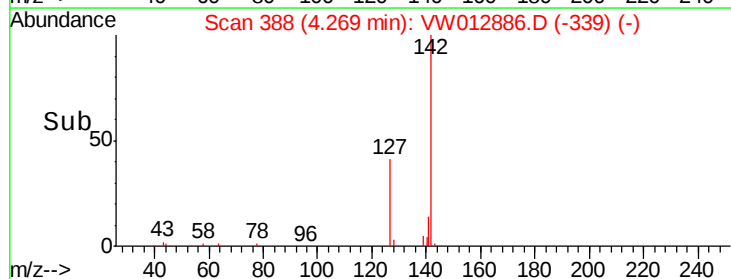
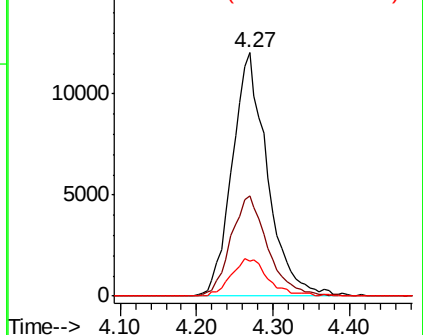
141 16.0 12.2 18.4

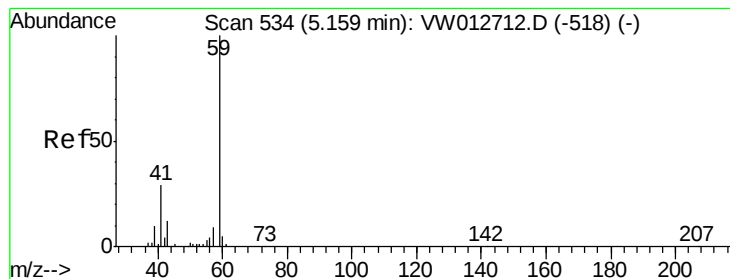


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



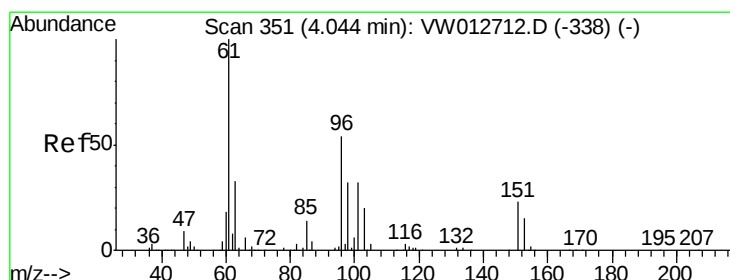
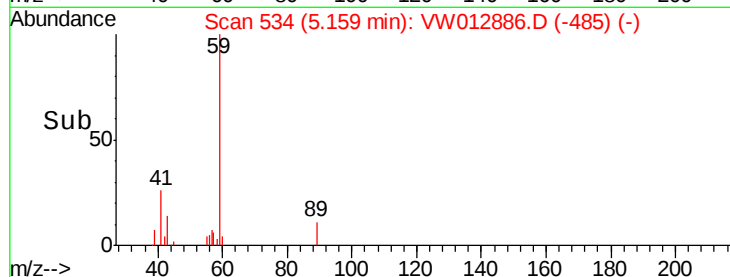
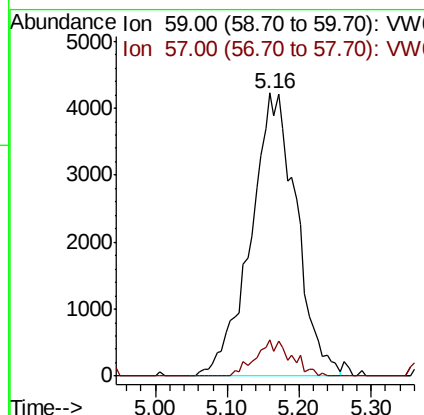
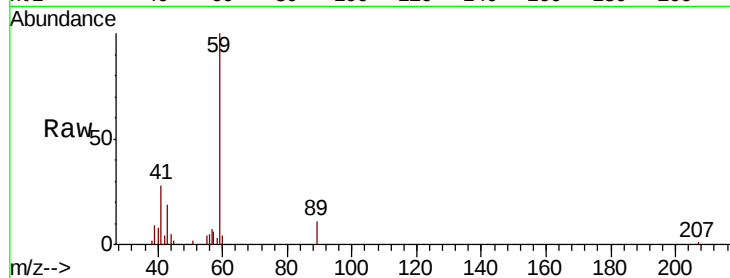


#11

Tert butyl alcohol
 Concen: 126.226 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

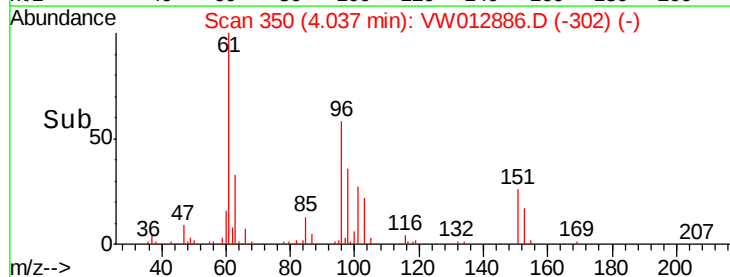
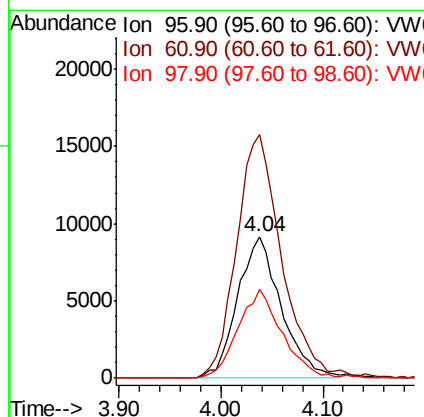
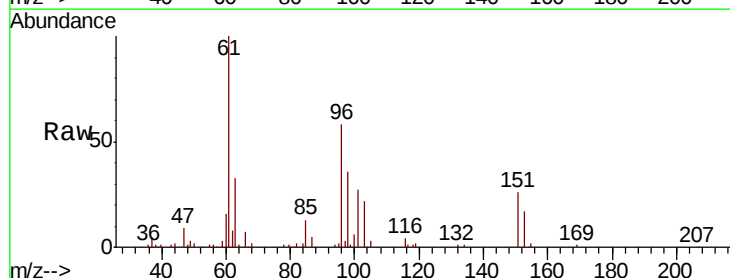
Tgt Ion: 59 Resp: 18698
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

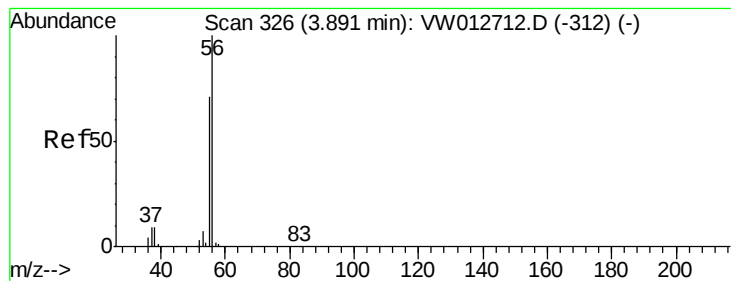


#12

1,1-Dichloroethene
 Concen: 19.011 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 96 Resp: 27204
 Ion Ratio Lower Upper
 96 100
 61 172.2 147.8 221.6
 98 62.7 47.9 71.9





#13

Acrolein

Concen: 83.177 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

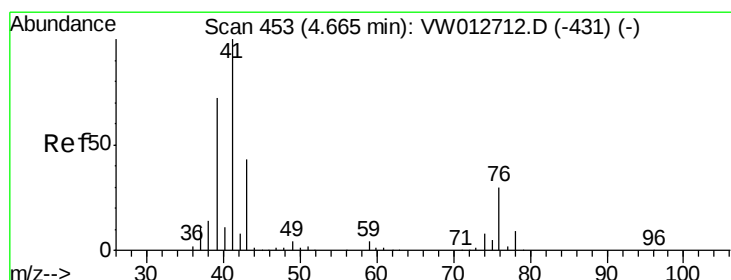
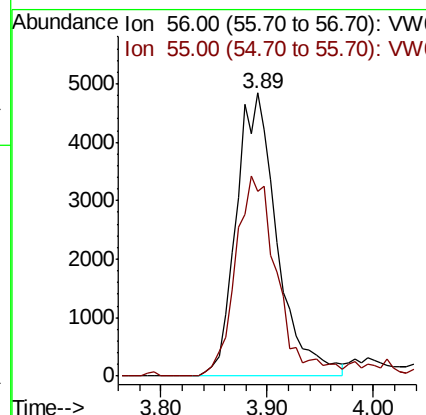
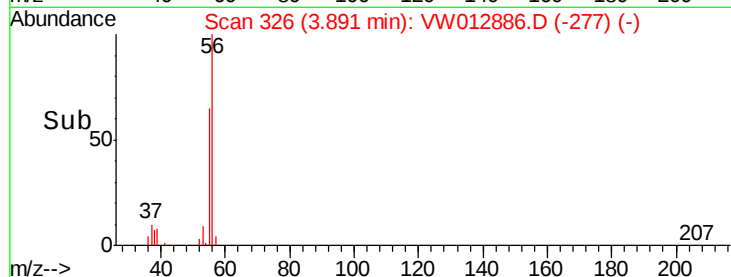
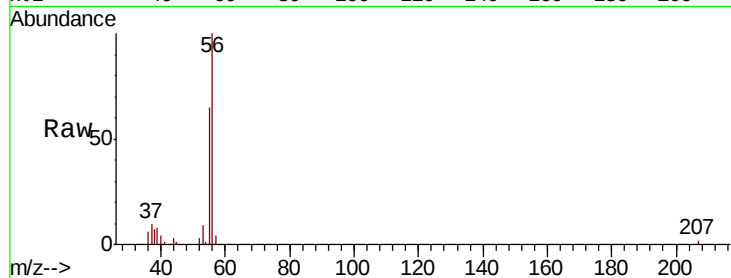
VW0910SBSD02

Tgt Ion: 56 Resp: 13075

Ion Ratio Lower Upper

56 100

55 71.8 56.9 85.3



#14

Allyl chloride

Concen: 17.249 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

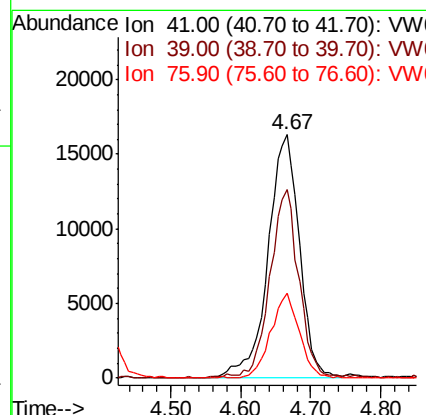
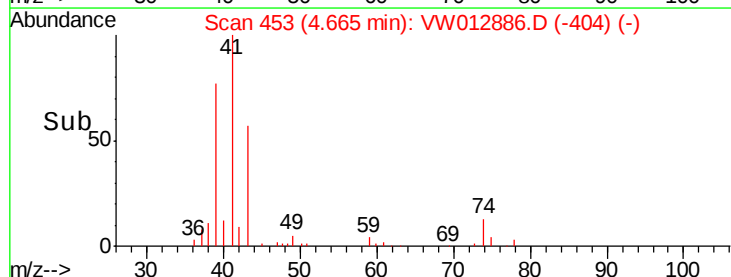
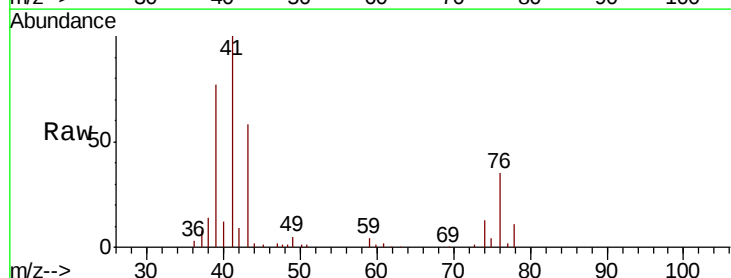
Tgt Ion: 41 Resp: 51060

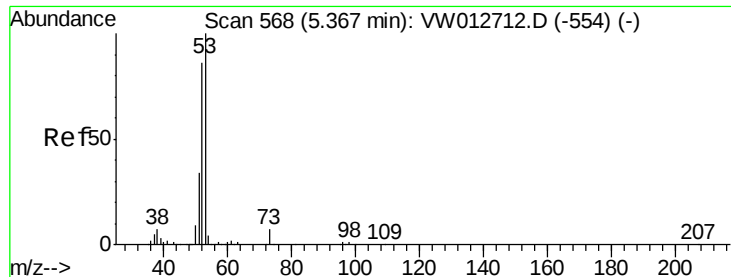
Ion Ratio Lower Upper

41 100

39 71.6 55.0 82.6

76 31.4 23.0 34.4





#15

Acrylonitrile

Concen: 105.990 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

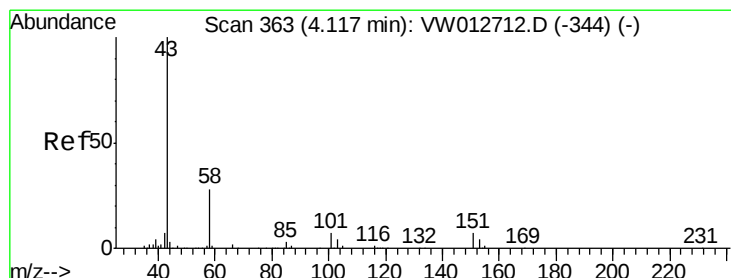
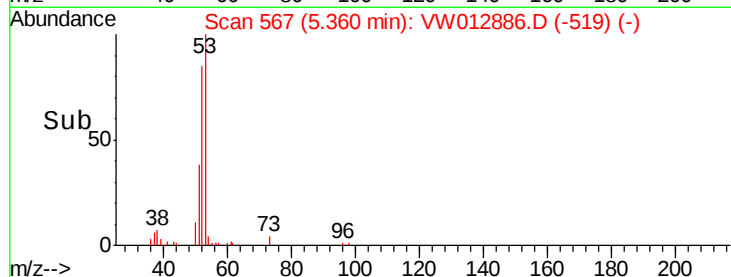
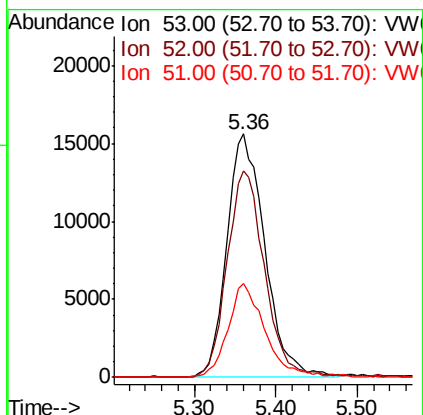
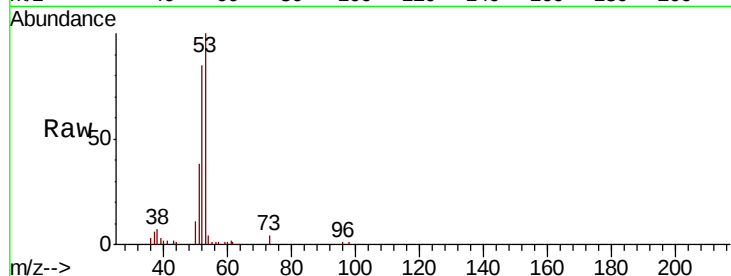
Tgt Ion: 53 Resp: 50259

Ion Ratio Lower Upper

53 100

52 83.8 67.0 100.4

51 37.5 29.8 44.8



#16

Acetone

Concen: 85.217 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW012886.D

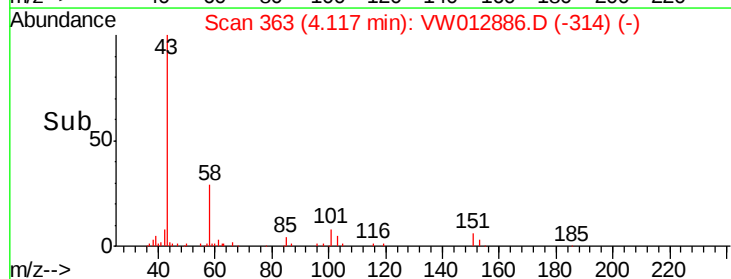
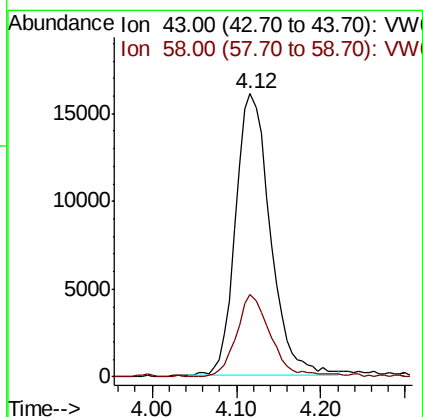
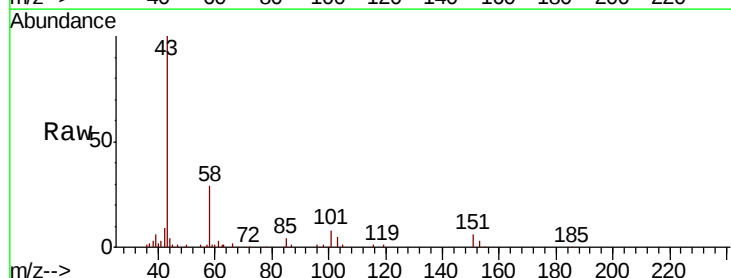
Acq: 10 Sep 2019 23:44

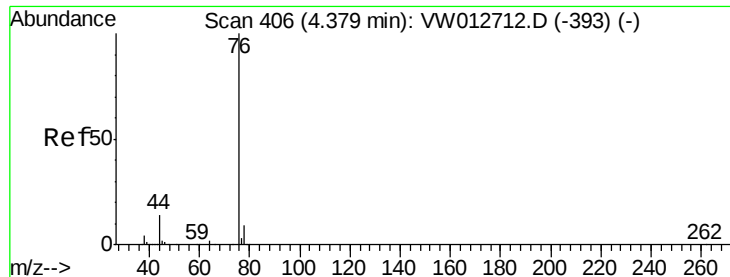
Tgt Ion: 43 Resp: 44979

Ion Ratio Lower Upper

43 100

58 29.1 22.6 33.8

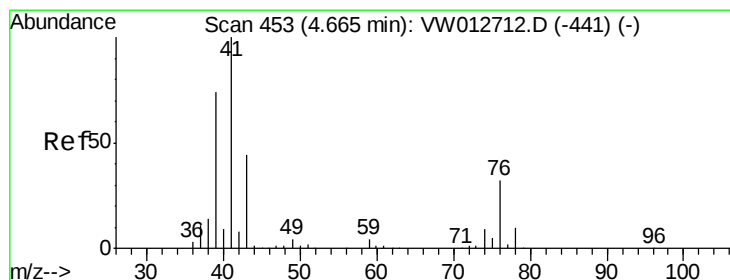
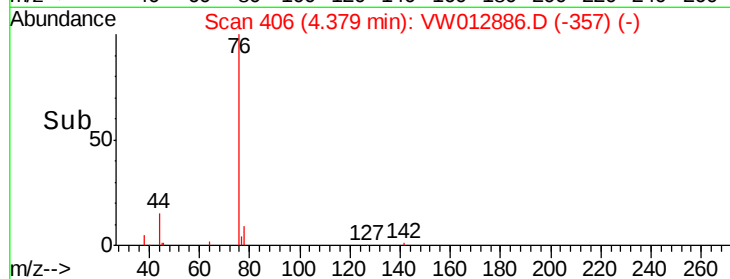
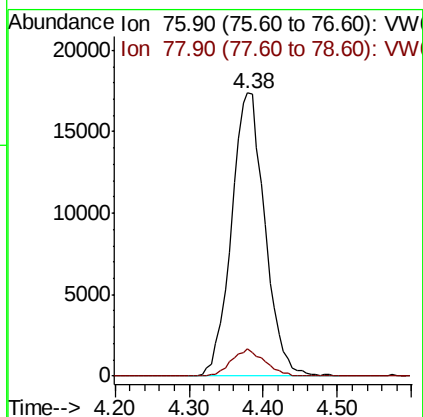
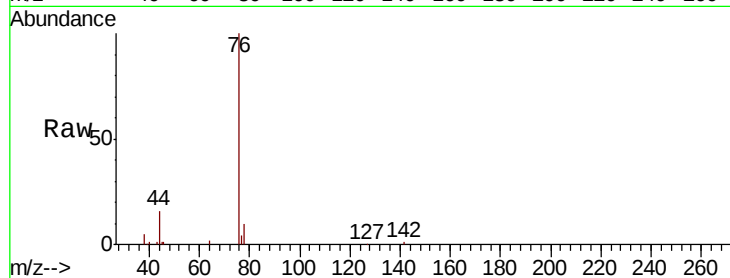




#17
Carbon Disulfide
Concen: 18.011 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

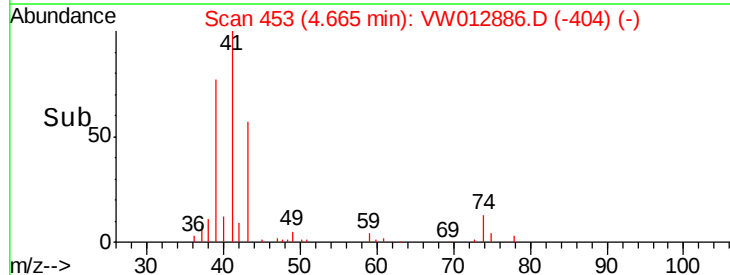
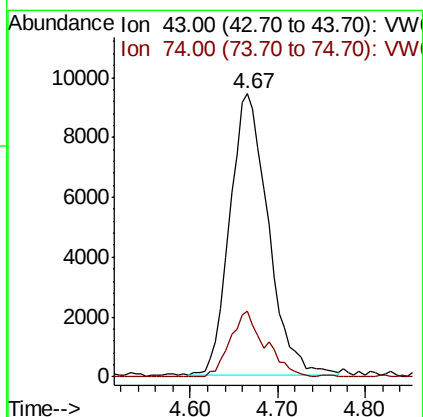
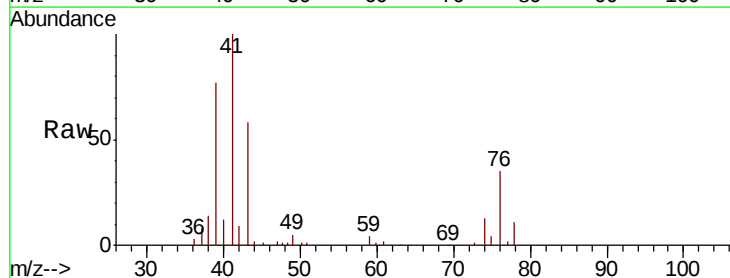
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

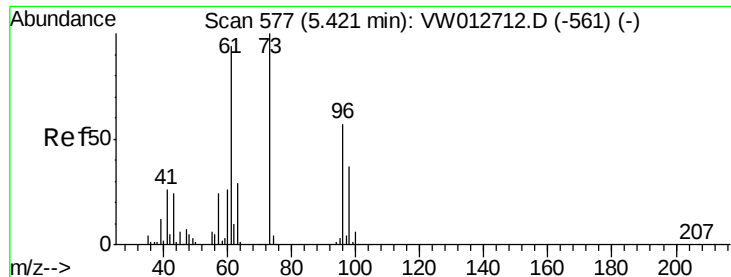
Tgt Ion: 76 Resp: 54706
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 23.202 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion: 43 Resp: 28732
Ion Ratio Lower Upper
43 100
74 21.4 15.8 23.6

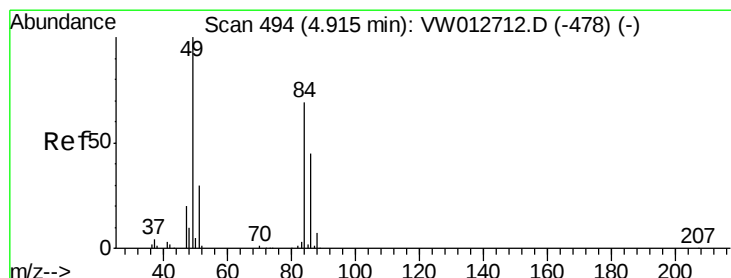
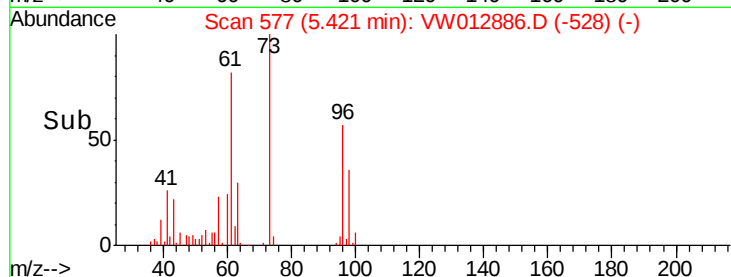
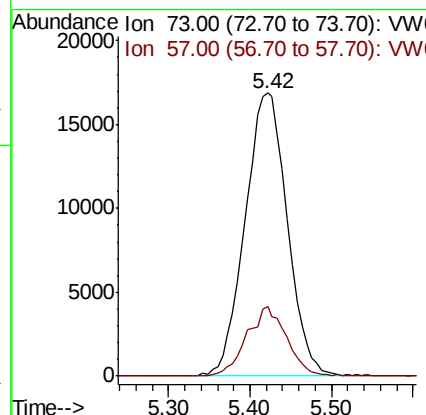
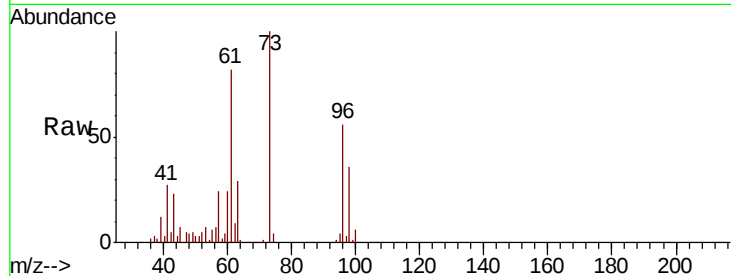




#19
Methyl tert-butyl Ether
Concen: 21.371 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

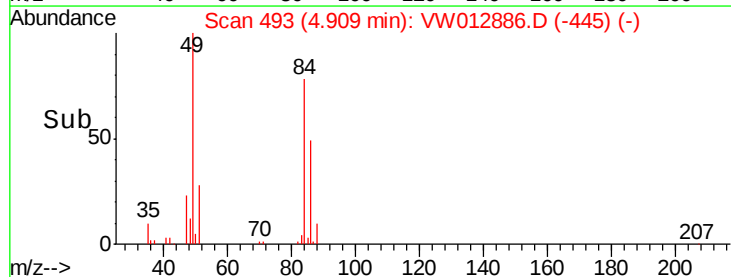
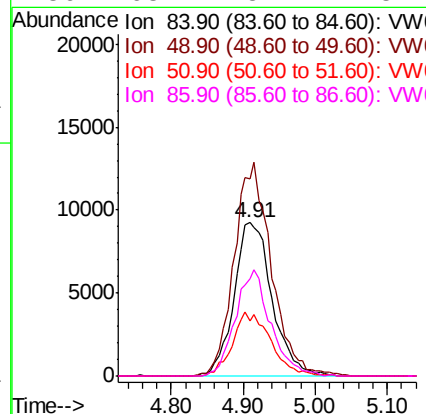
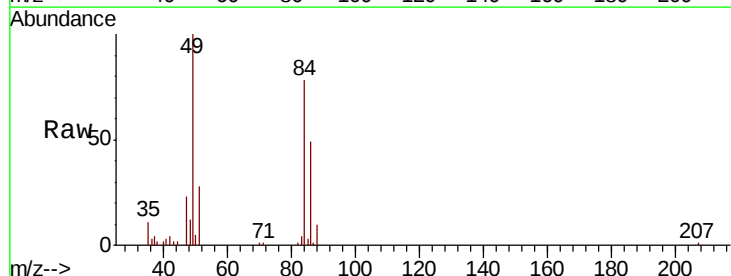
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

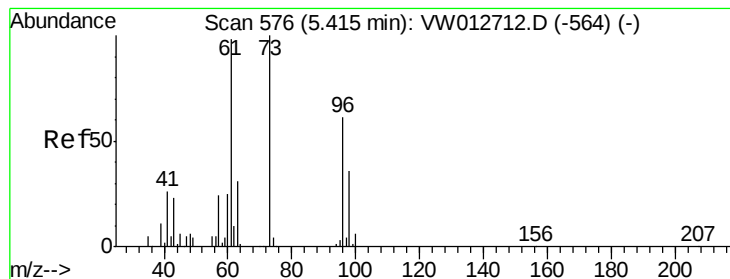
Tgt Ion: 73 Resp: 60648
Ion Ratio Lower Upper
73 100
57 24.4 19.2 28.8



#20
Methylene Chloride
Concen: 20.572 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion: 84 Resp: 33971
Ion Ratio Lower Upper
84 100
49 128.6 115.4 173.0
51 36.1 34.9 52.3
86 63.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.773 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

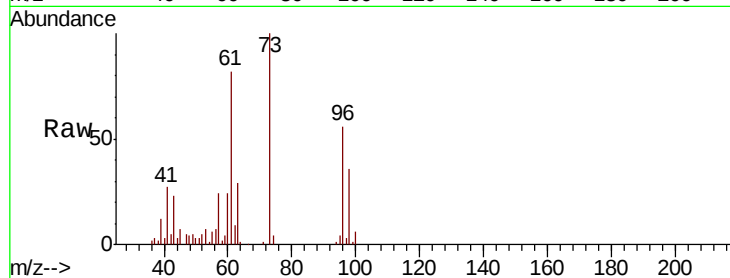
Tgt Ion: 96 Resp: 28871

Ion Ratio Lower Upper

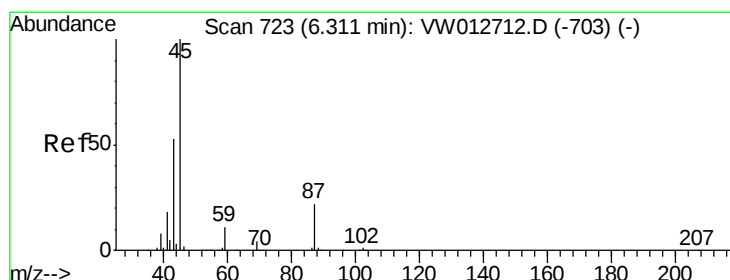
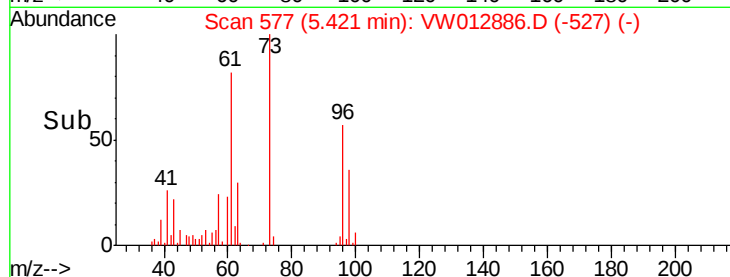
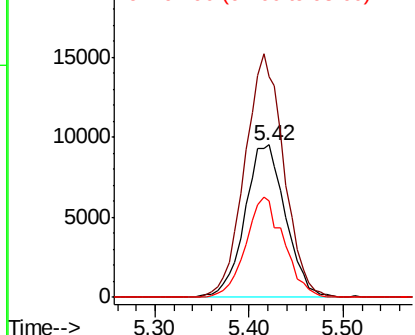
96 100

61 144.7 129.2 193.8

98 63.3 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: 19.182 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tgt Ion: 45 Resp: 112621

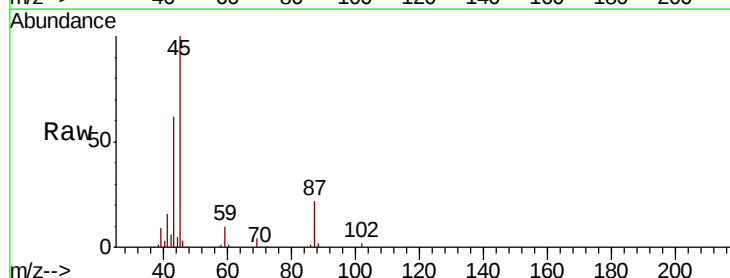
Ion Ratio Lower Upper

45 100

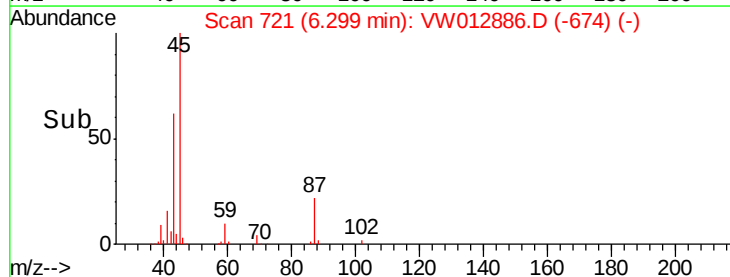
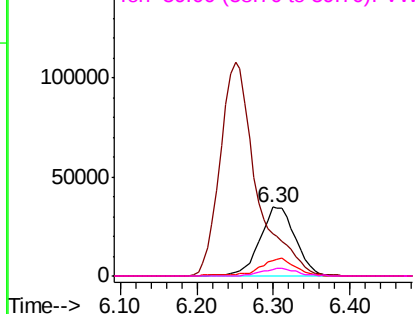
43 61.5 42.3 63.5

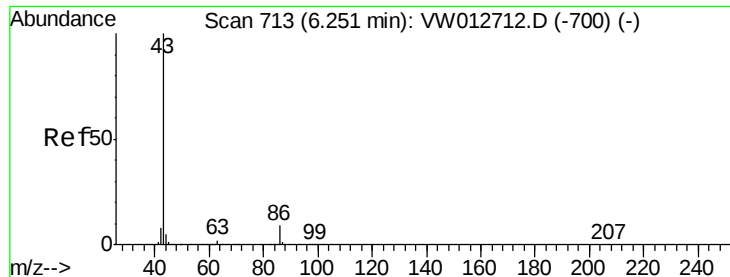
87 21.7 18.2 27.2

59 9.5 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

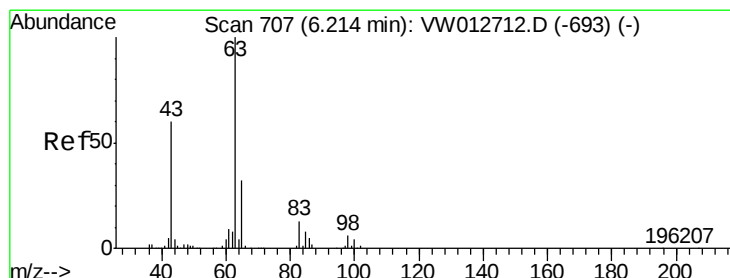
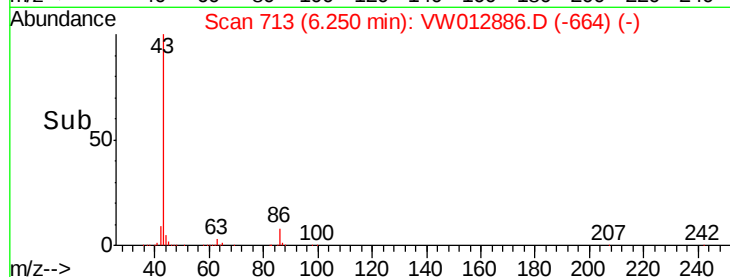
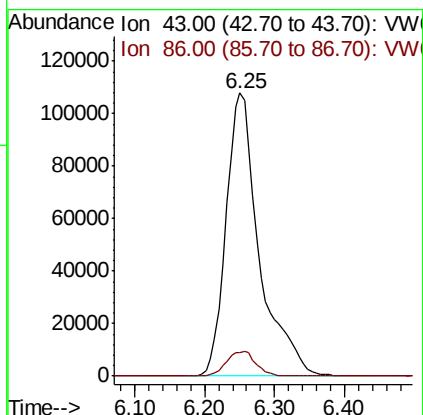
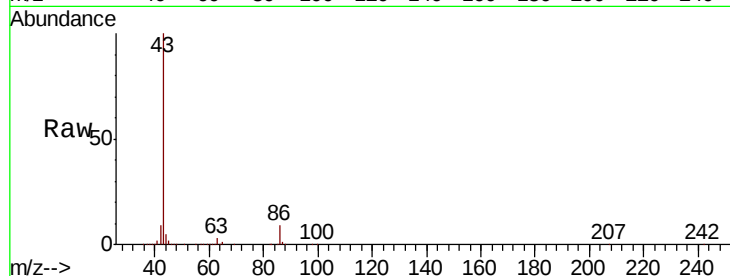




#23
 Vinyl Acetate
 Concen: 95.758 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

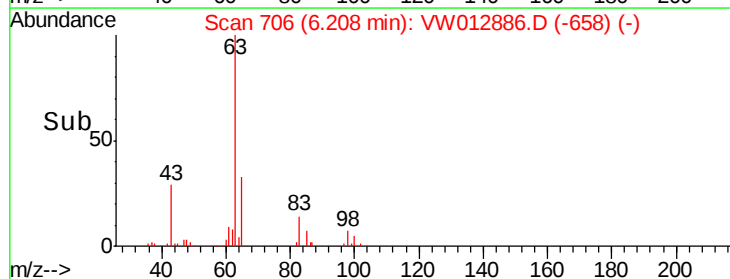
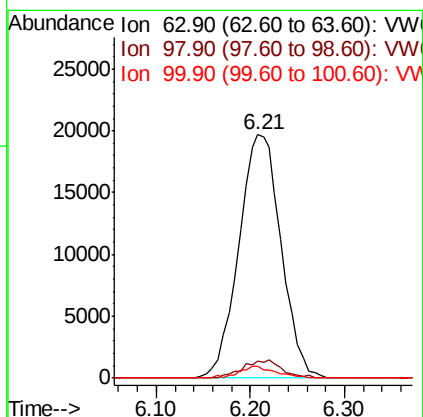
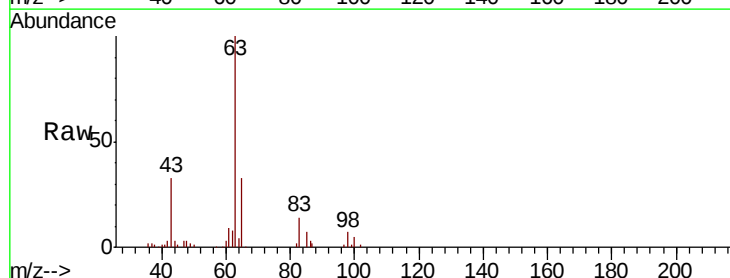
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

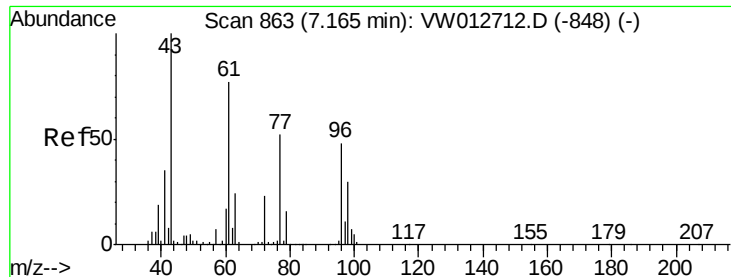
Tgt Ion: 43 Resp: 356292
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 19.458 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 63 Resp: 61510
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.3
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 104.452 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

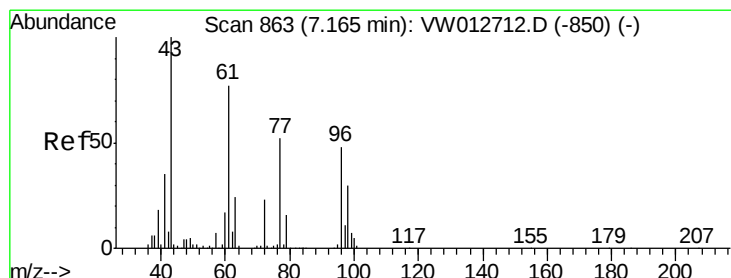
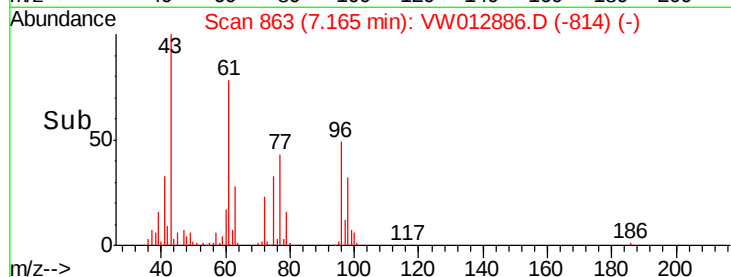
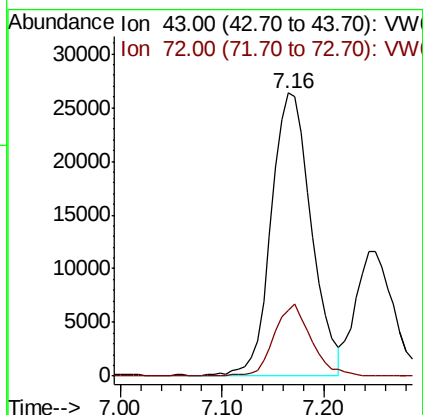
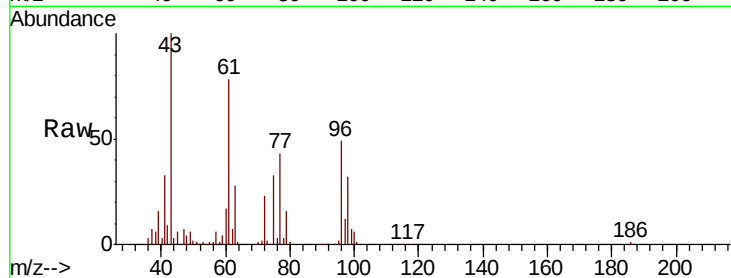
VW0910SBSD02

Tgt Ion: 43 Resp: 71511

Ion Ratio Lower Upper

43 100

72 23.2 18.0 27.0



#26

2,2-Dichloropropane

Concen: 18.845 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012886.D

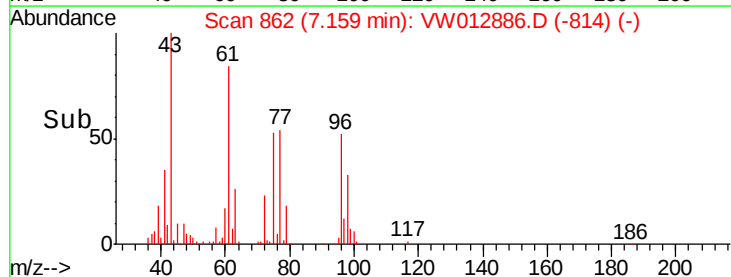
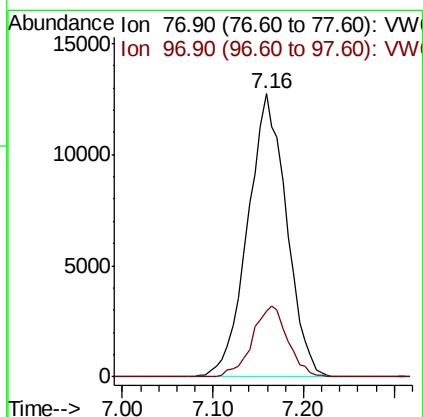
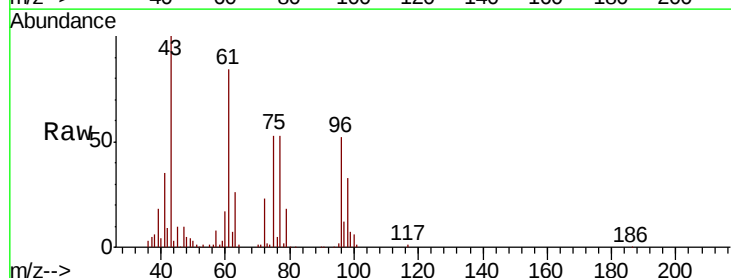
Acq: 10 Sep 2019 23:44

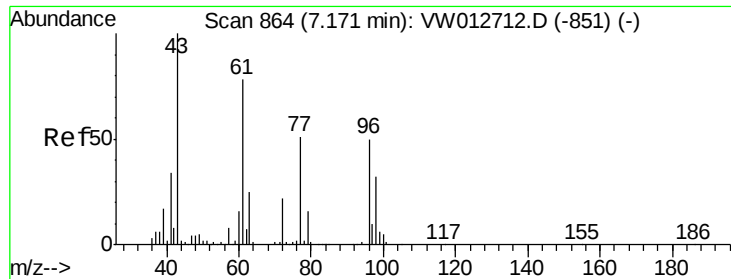
Tgt Ion: 77 Resp: 37626

Ion Ratio Lower Upper

77 100

97 23.0 10.7 32.1



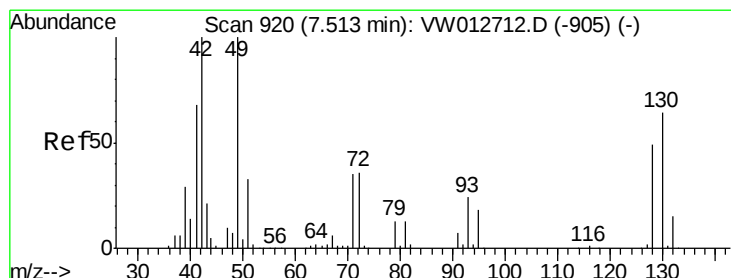
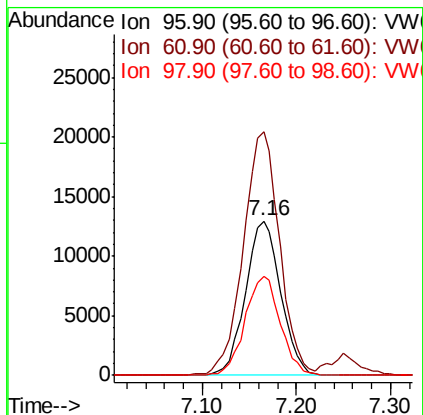
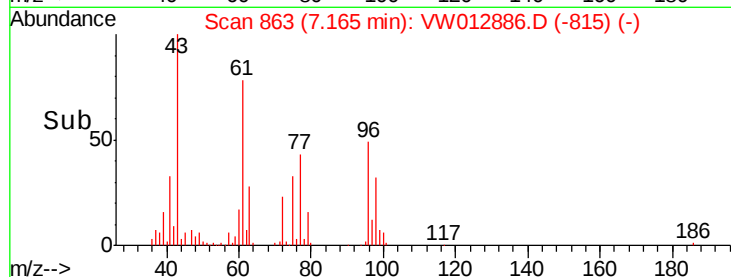
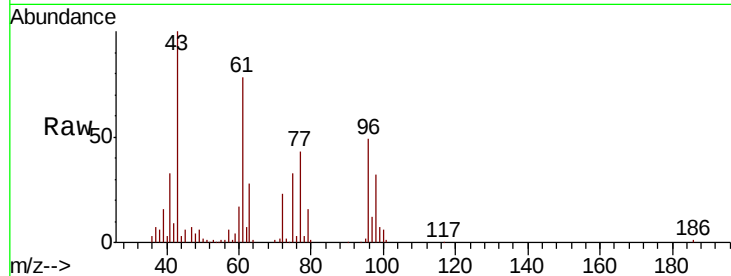


#27

cis-1,2-Dichloroethene
 Concen: 20.106 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0910SBSD02

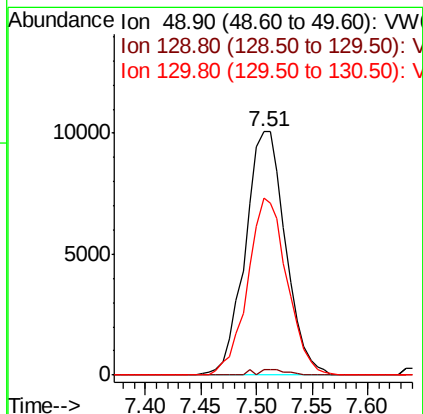
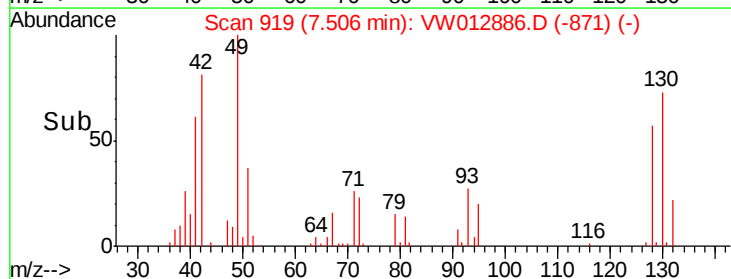
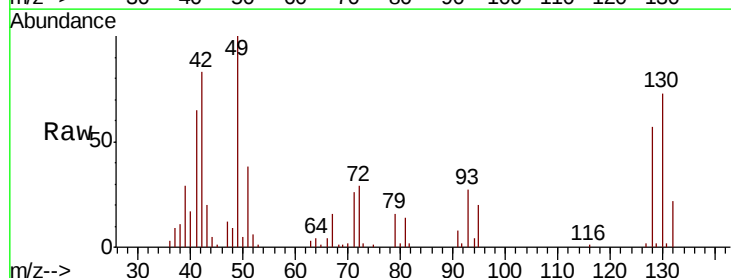
Tgt Ion: 96 Resp: 34040
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 325.8
 98 64.0 0.0 127.0

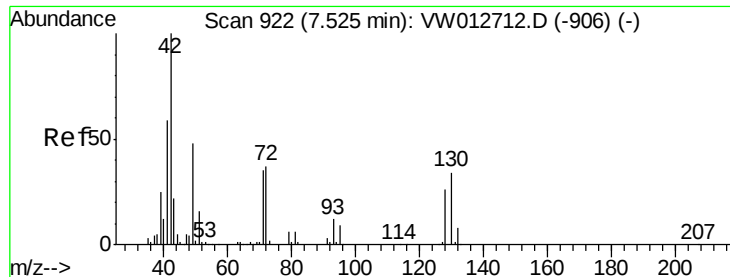


#28

Bromochloromethane
 Concen: 17.541 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 49 Resp: 25462
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 0.8#
 130 70.9 49.8 74.8





#29

Tetrahydrofuran

Concen: 106.944 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

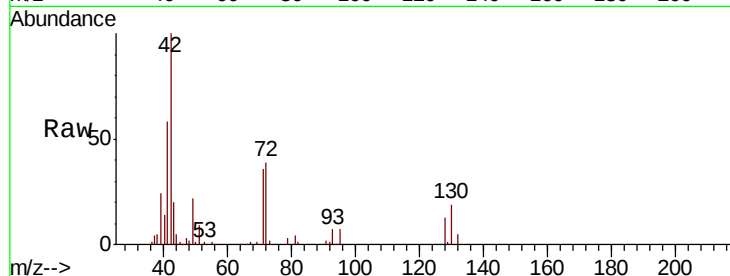
Tgt Ion: 42 Resp: 45583

Ion Ratio Lower Upper

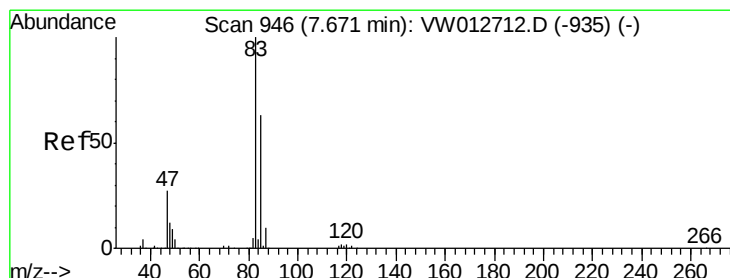
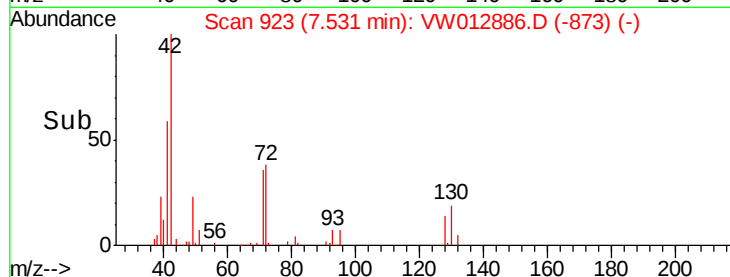
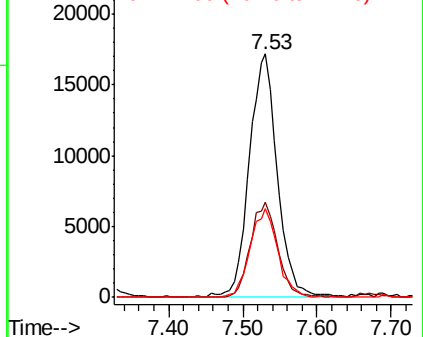
42 100

72 38.1 28.4 42.6

71 35.7 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: 19.362 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW012886.D

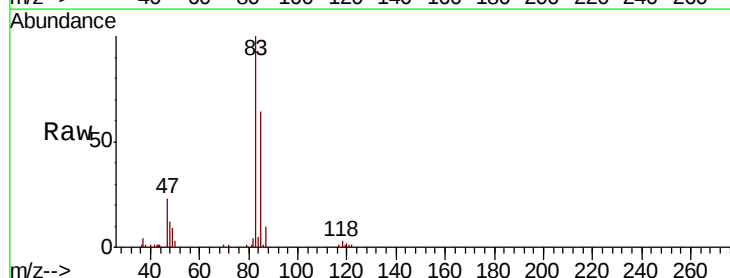
Acq: 10 Sep 2019 23:44

Tgt Ion: 83 Resp: 60660

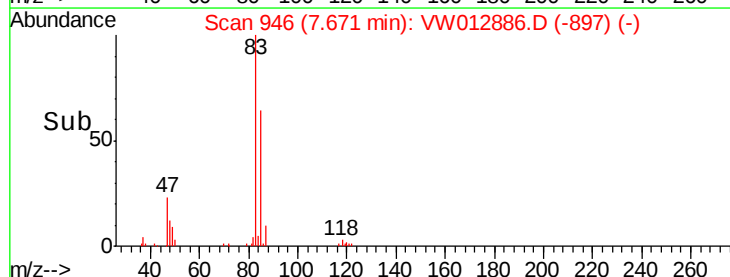
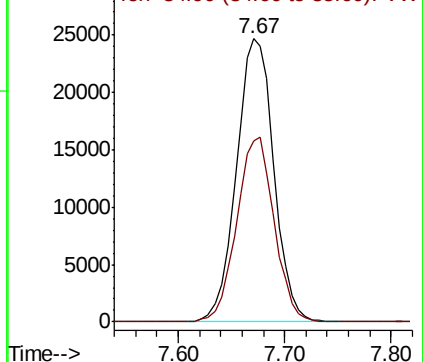
Ion Ratio Lower Upper

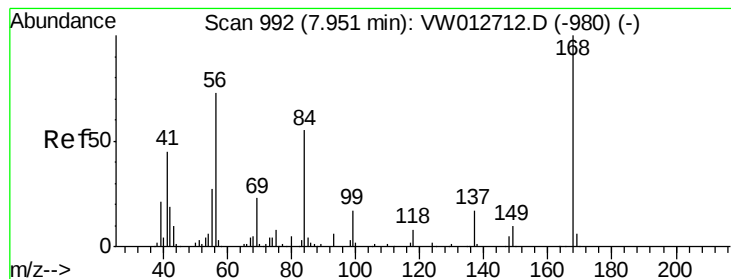
83 100

85 63.9 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: 18.685 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

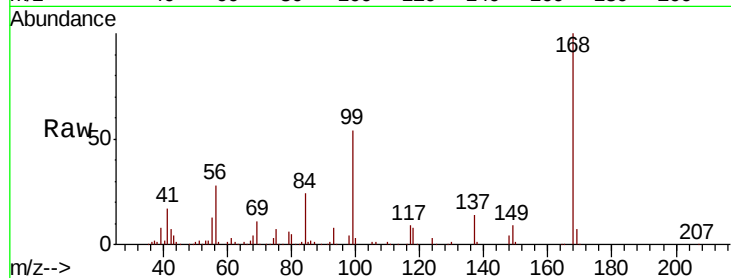
Tgt Ion: 56 Resp: 53176

Ion Ratio Lower Upper

56 100

69 39.4 25.7 38.5#

84 83.5 60.4 90.6

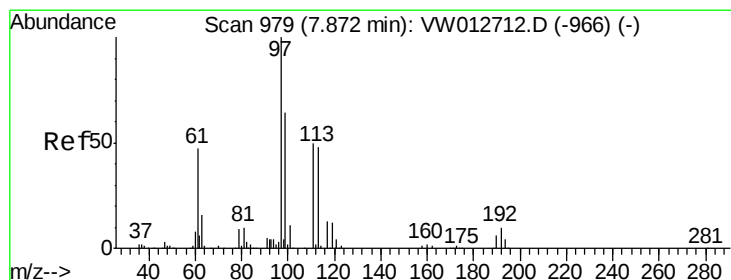
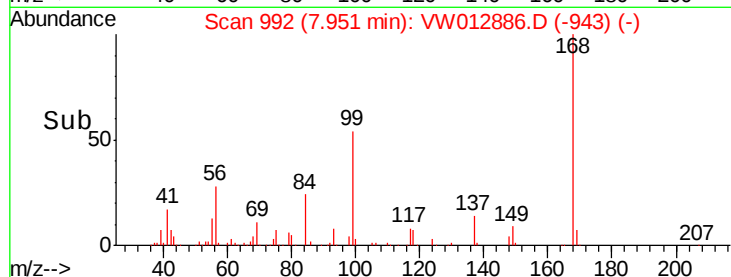
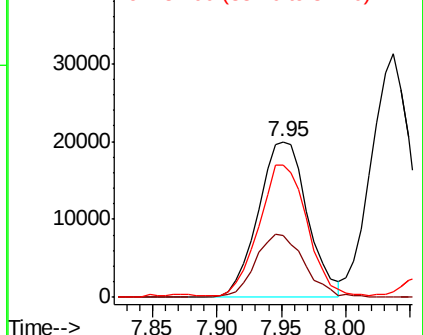


Abundance

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: 19.559 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

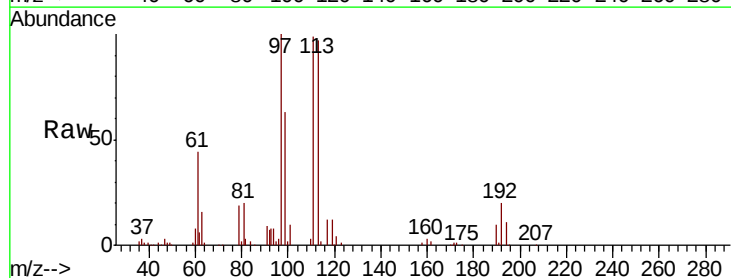
Tgt Ion: 97 Resp: 49671

Ion Ratio Lower Upper

97 100

99 62.1 51.5 77.3

61 44.3 37.9 56.9

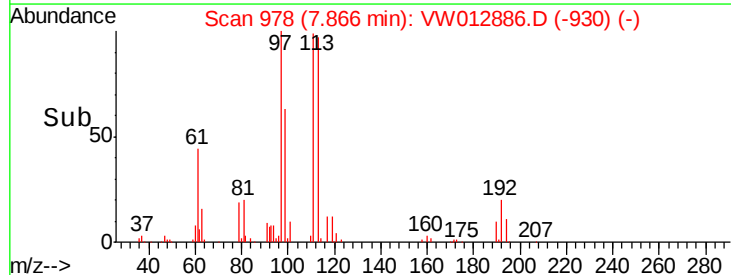
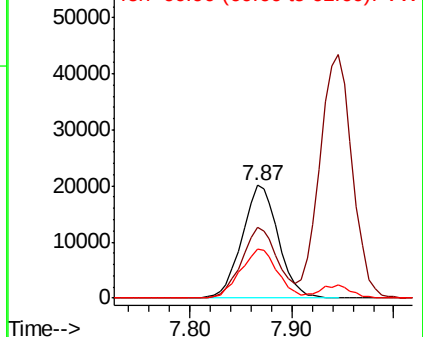


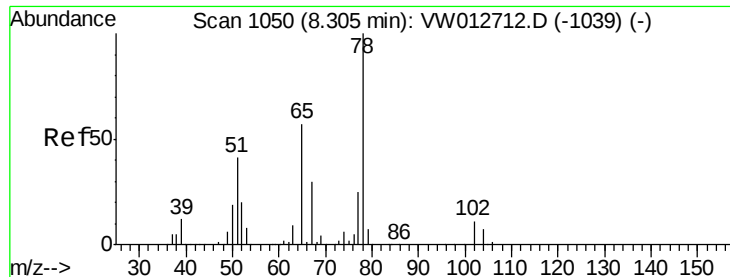
Abundance

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

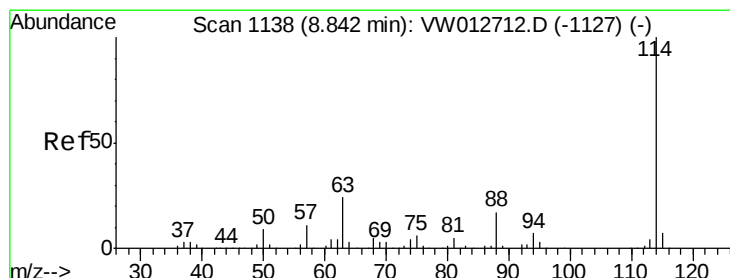
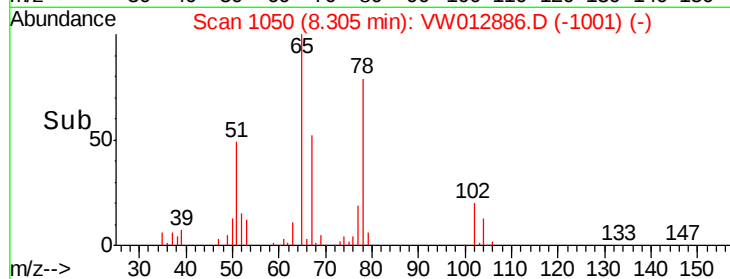
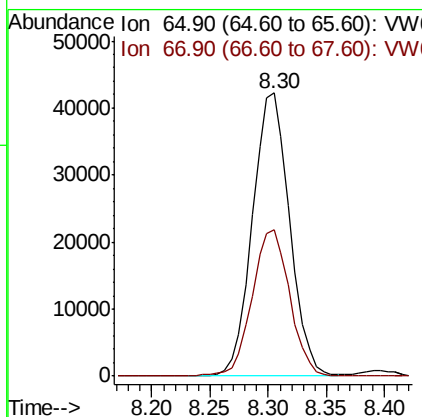
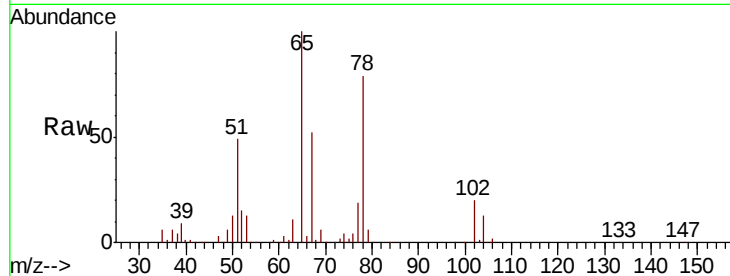




#33
 1,2-Dichloroethane-d4
 Concen: 48.451 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

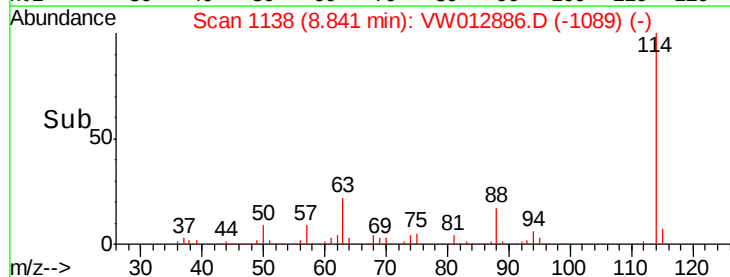
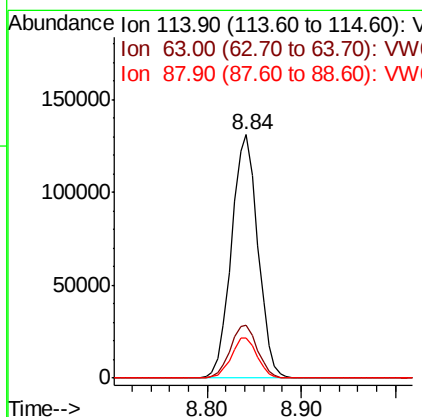
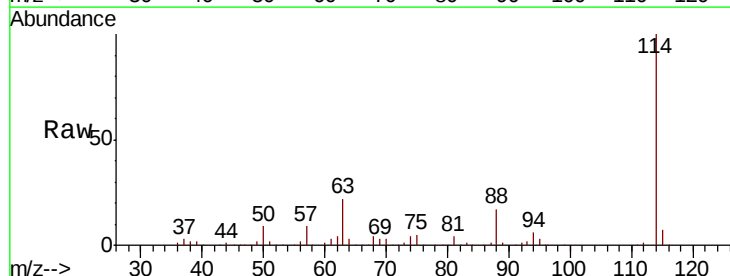
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

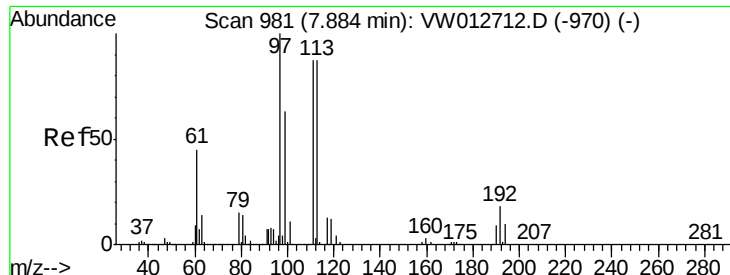
Tgt Ion: 65 Resp: 93806
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 114 Resp: 255511
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 47.2
 88 16.5 0.0 34.0

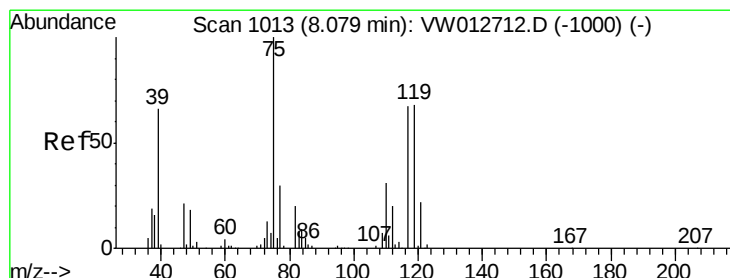
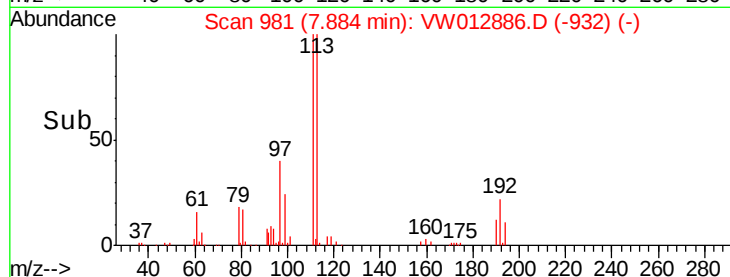
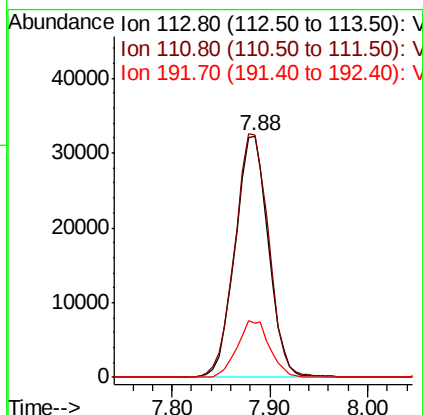
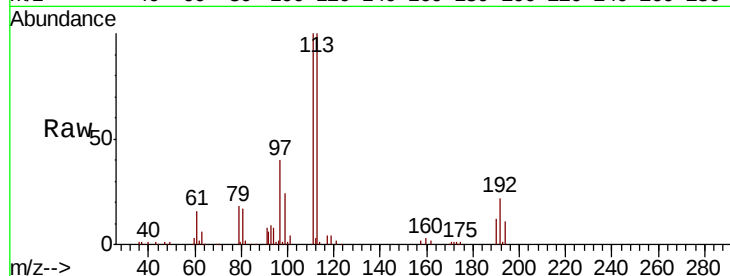




#35
 Dibromofluoromethane
 Concen: 50.178 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

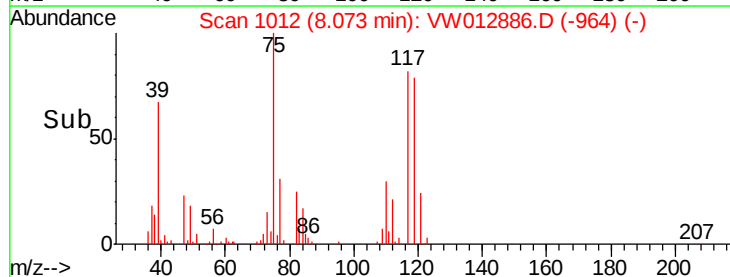
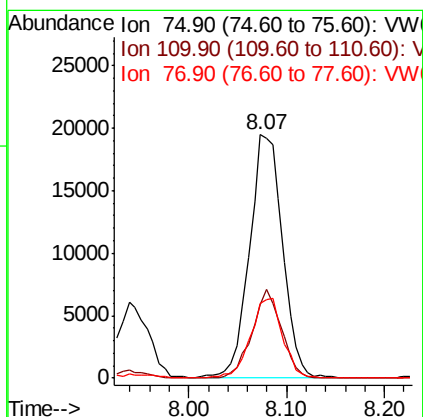
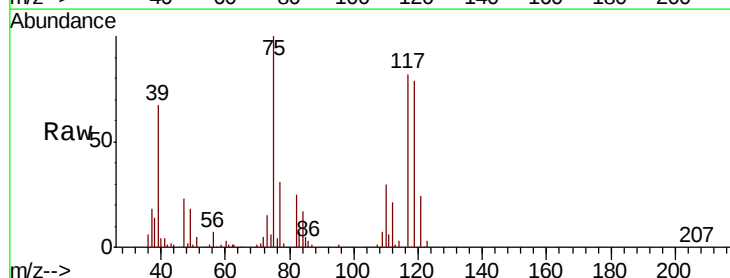
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

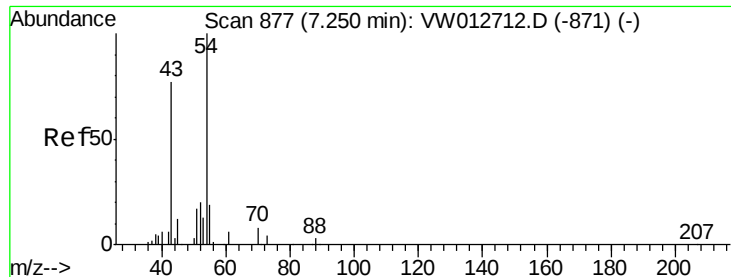
Tgt Ion: 113 Resp: 76224
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.2 120.4
 192 22.8 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 20.248 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 75 Resp: 45968
 Ion Ratio Lower Upper
 75 100
 110 32.4 15.9 47.7
 77 31.7 25.0 37.4

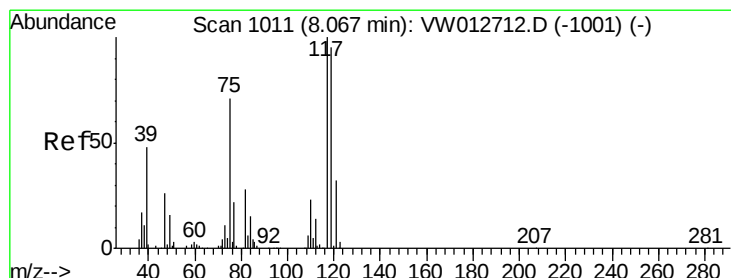
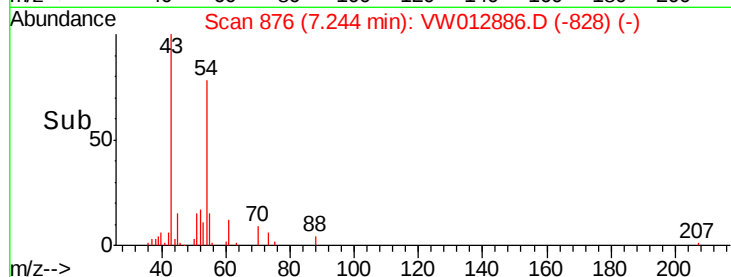
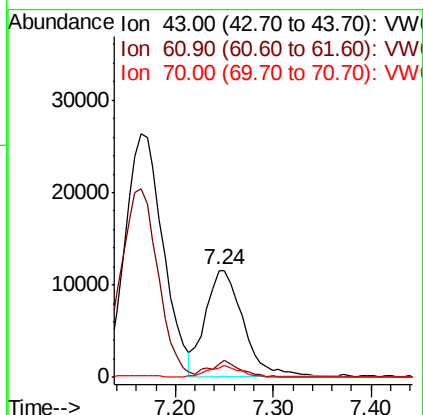
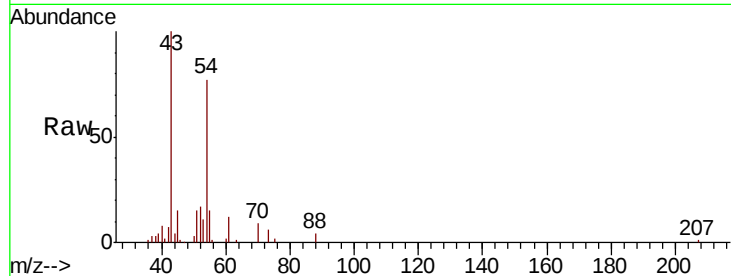




#37
Ethyl Acetate
Concen: 21.131 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

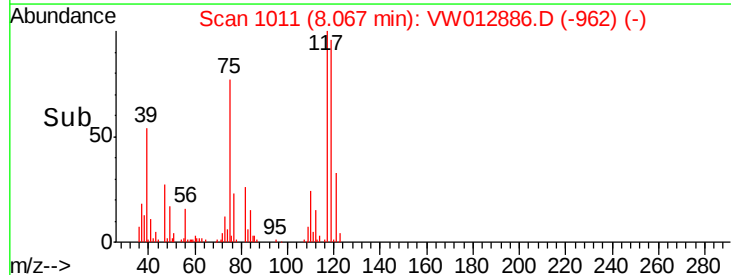
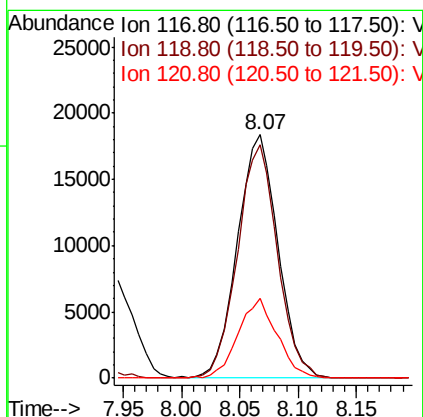
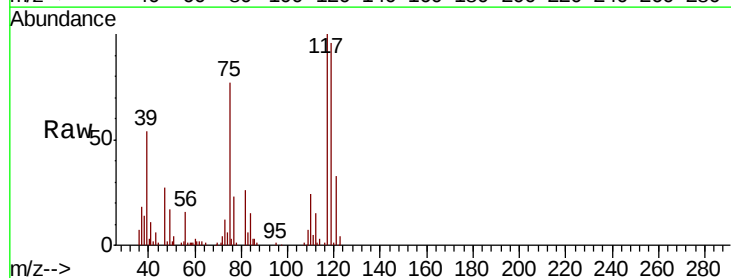
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

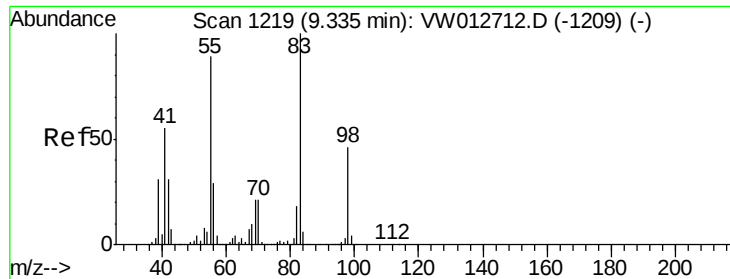
Tgt Ion: 43 Resp: 30582
Ion Ratio Lower Upper
43 100
61 12.8 9.5 14.3
70 10.0 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.913 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion: 117 Resp: 44563
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.2
121 32.9 25.4 38.2

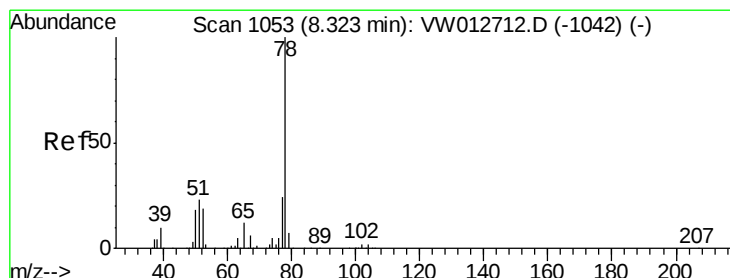
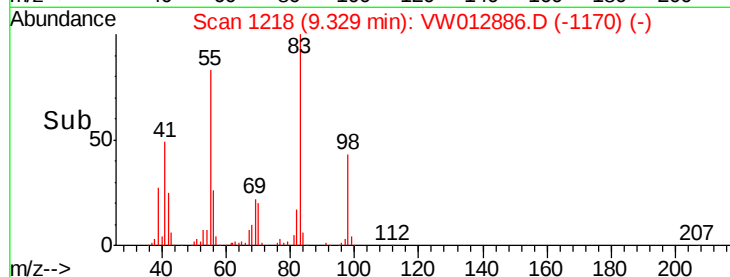
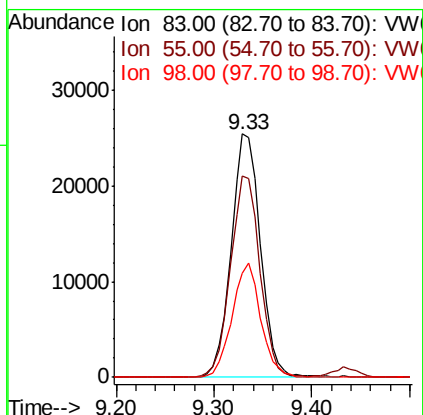
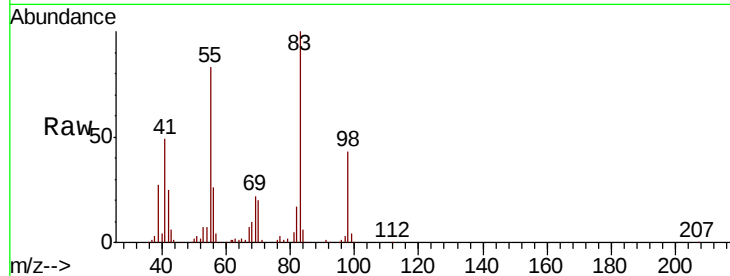




#39
Methylcyclohexane
Concen: 20.652 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

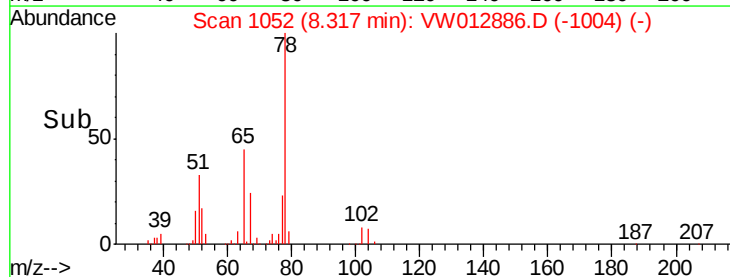
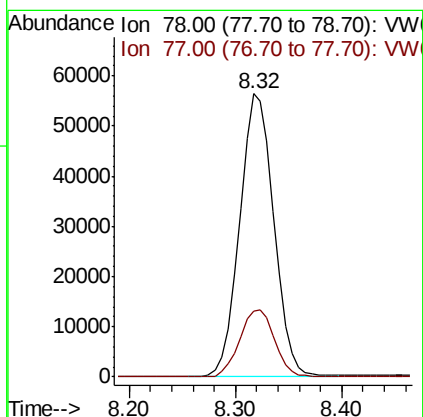
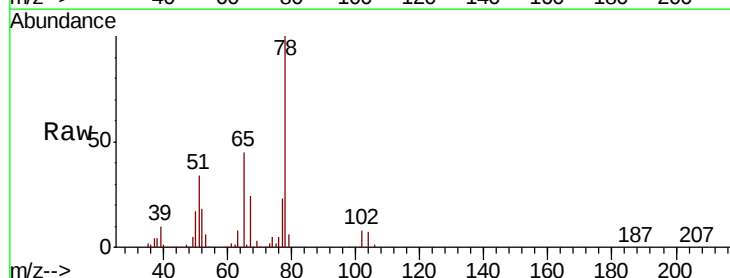
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

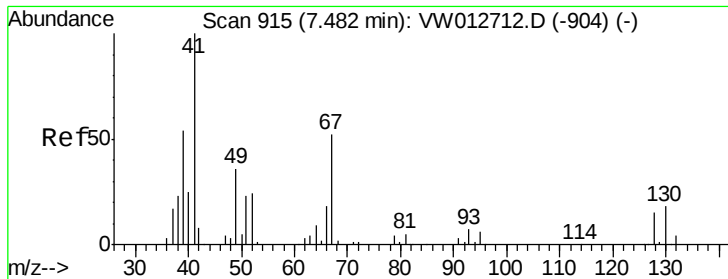
Tgt Ion: 83 Resp: 52658
Ion Ratio Lower Upper
83 100
55 82.9 71.0 106.4
98 42.9 36.9 55.3



#40
Benzene
Concen: 20.257 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion: 78 Resp: 127599
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





#41

Methacrylonitrile

Concen: 19.295 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

Tgt Ion: 41 Resp: 16470

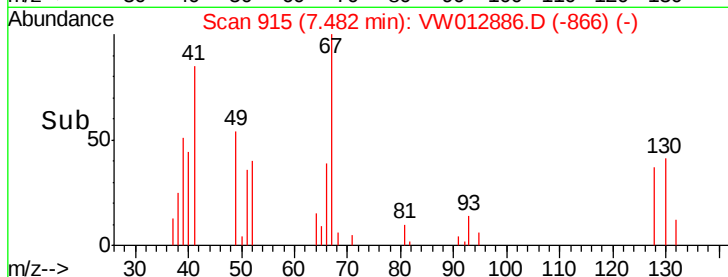
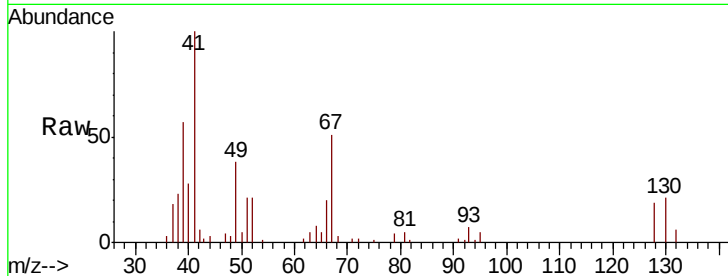
Ion Ratio Lower Upper

41 100

39 70.8 47.5 71.3

67 66.6 45.1 67.7

52 29.8 20.2 30.2

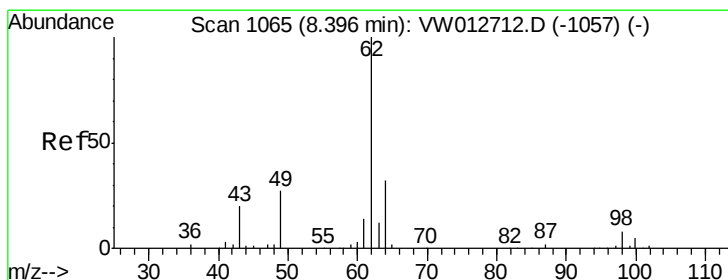
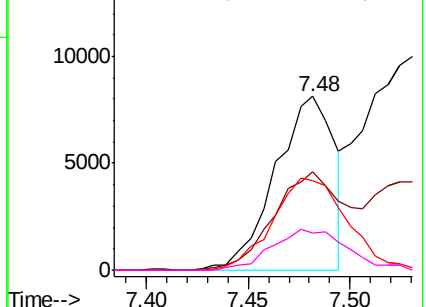


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.439 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012886.D

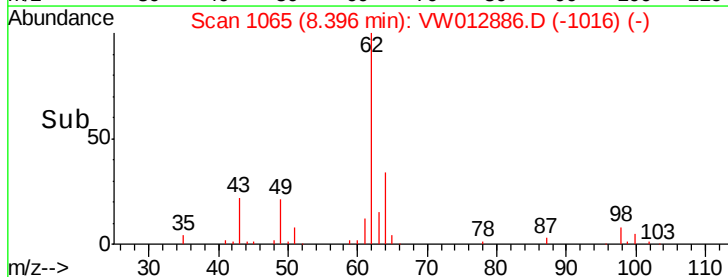
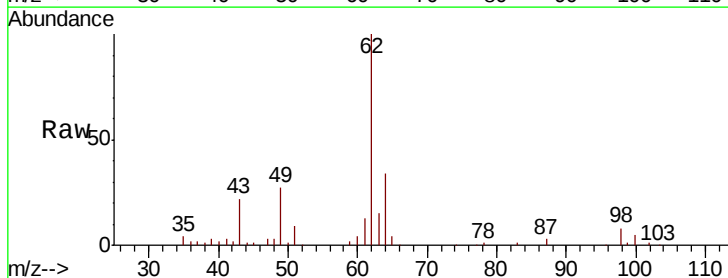
Acq: 10 Sep 2019 23:44

Tgt Ion: 62 Resp: 45309

Ion Ratio Lower Upper

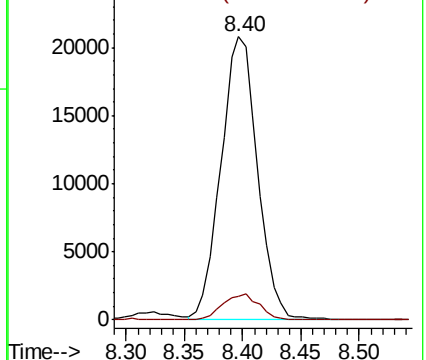
62 100

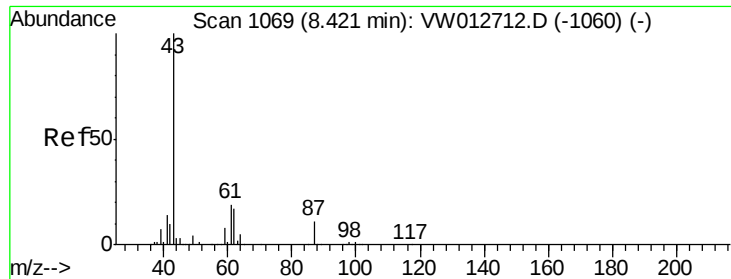
98 9.3 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.394 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

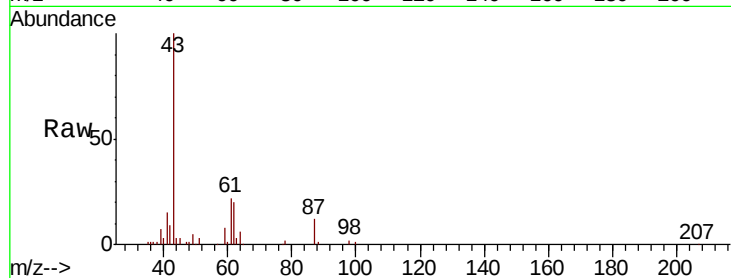
Tgt Ion: 43 Resp: 55919

Ion Ratio Lower Upper

43 100

61 27.7 20.6 30.8

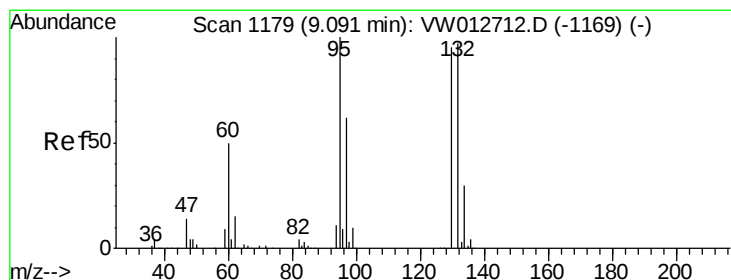
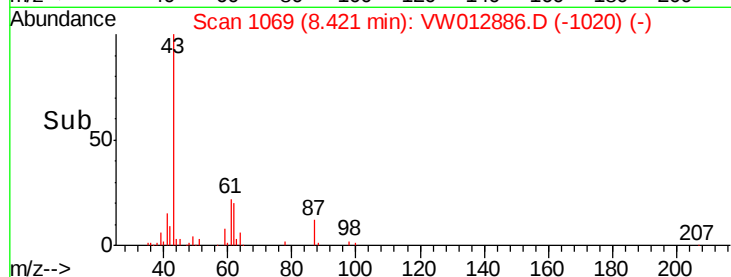
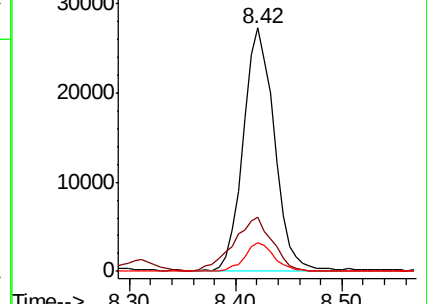
87 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.012 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012886.D

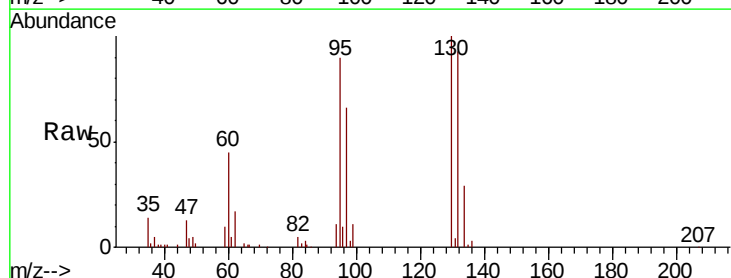
Acq: 10 Sep 2019 23:44

Tgt Ion: 130 Resp: 34117

Ion Ratio Lower Upper

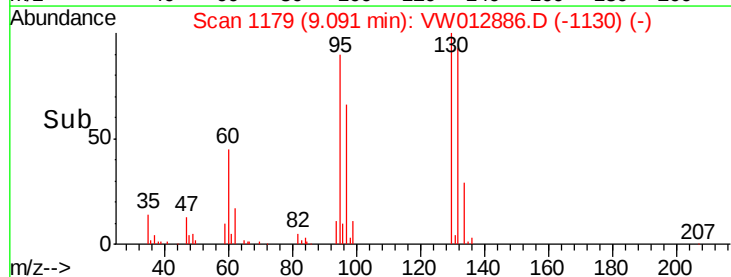
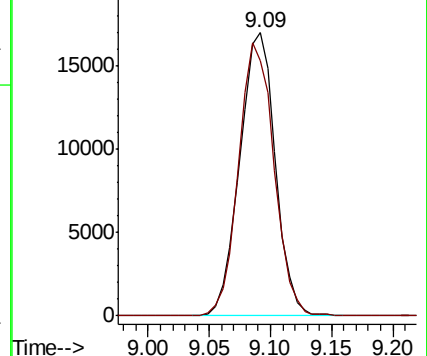
130 100

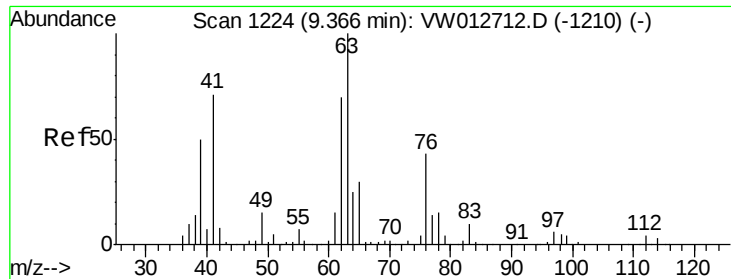
95 90.3 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

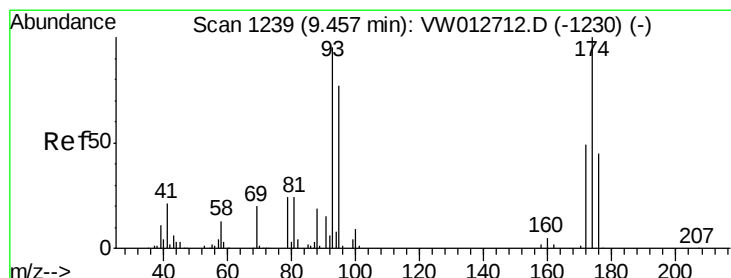
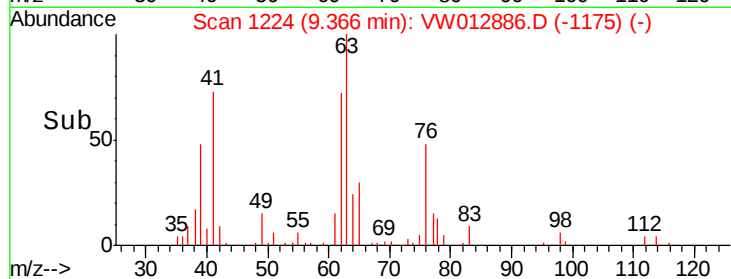
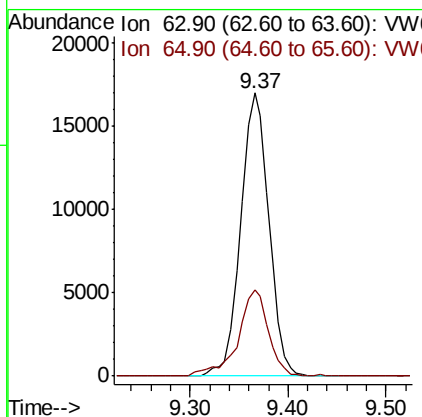
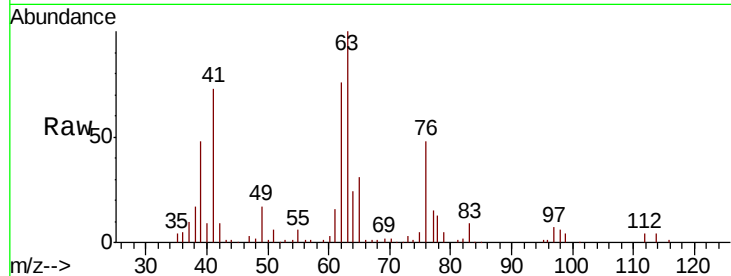




#45
 1,2-Dichloropropane
 Concen: 19.381 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

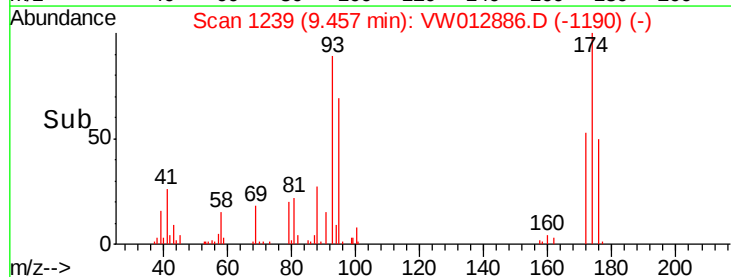
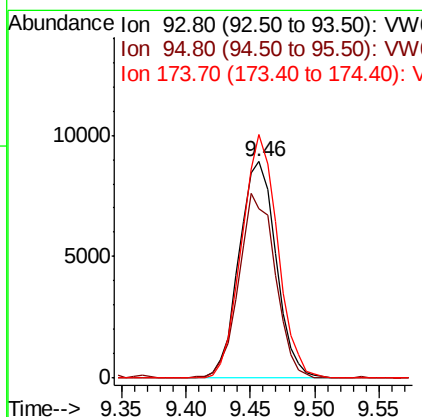
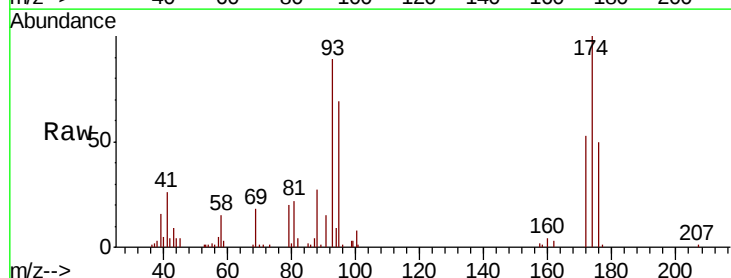
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

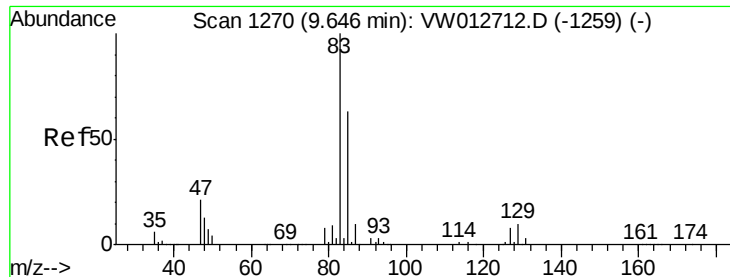
Tgt Ion: 63 Resp: 33860
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.8 35.8



#46
 Dibromomethane
 Concen: 21.426 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 93 Resp: 17725
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.2 97.8
 174 109.1 84.2 126.4





#47

Bromodichloromethane

Concen: 19.357 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

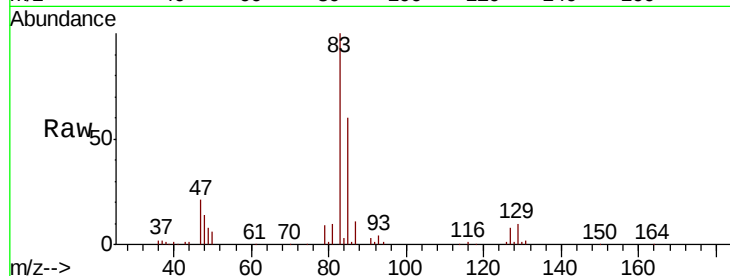
Tgt Ion: 83 Resp: 44057

Ion Ratio Lower Upper

83 100

85 60.4 50.2 75.2

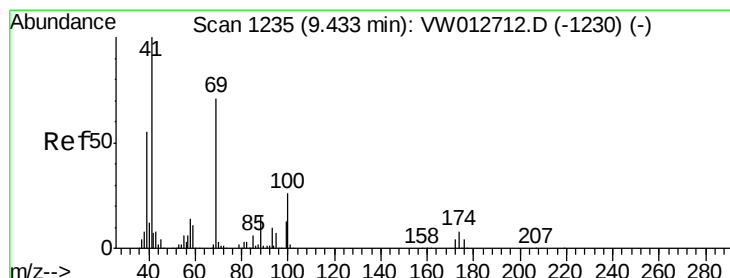
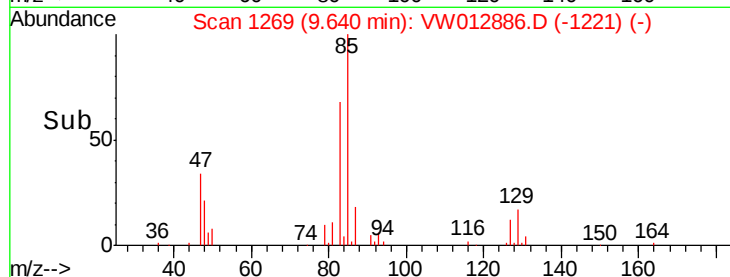
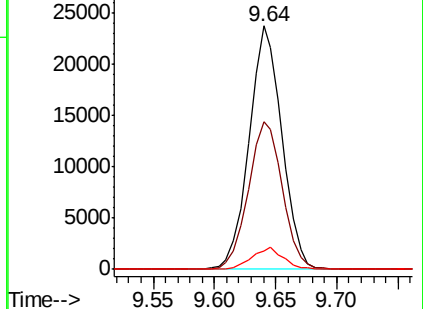
127 7.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.719 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

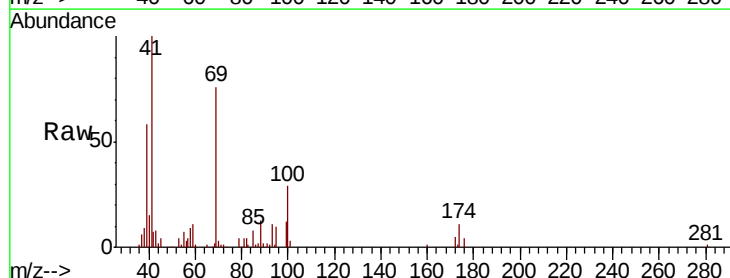
Tgt Ion: 41 Resp: 25838

Ion Ratio Lower Upper

41 100

69 77.2 59.8 89.8

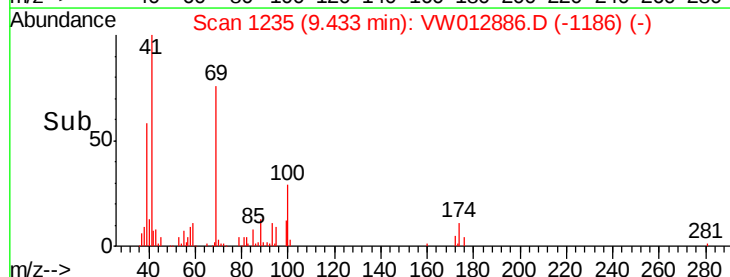
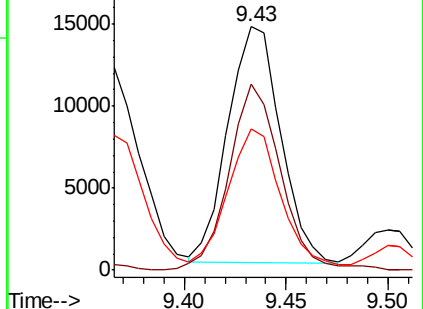
39 60.7 47.0 70.6

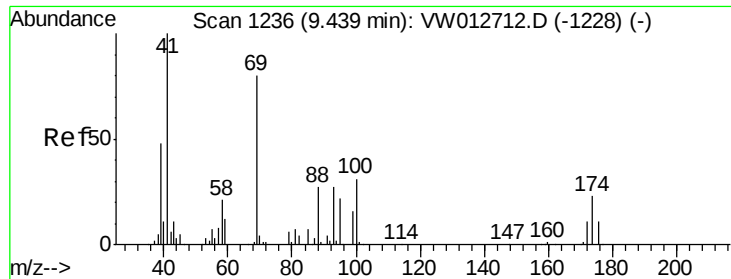


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

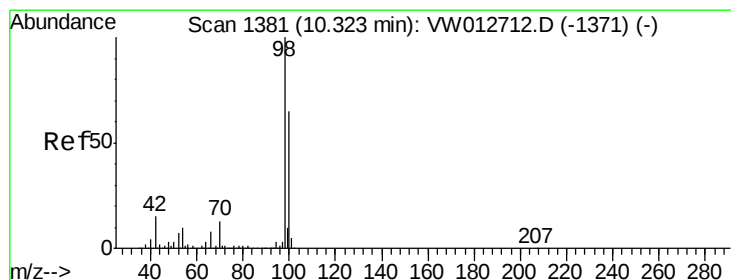
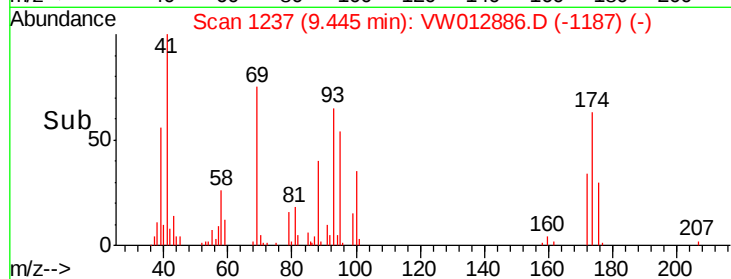
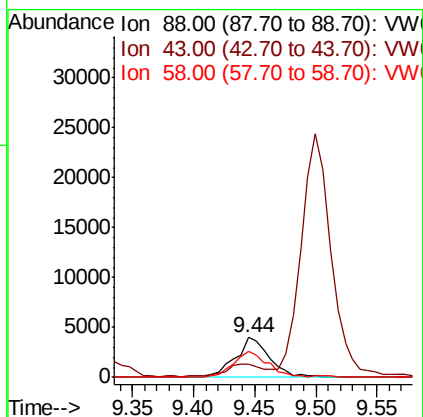
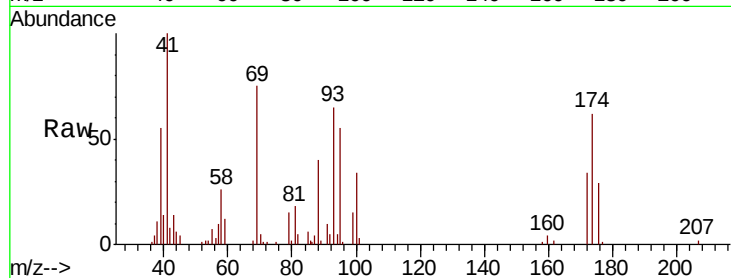




#49
1,4-Dioxane
Concen: 471.139 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

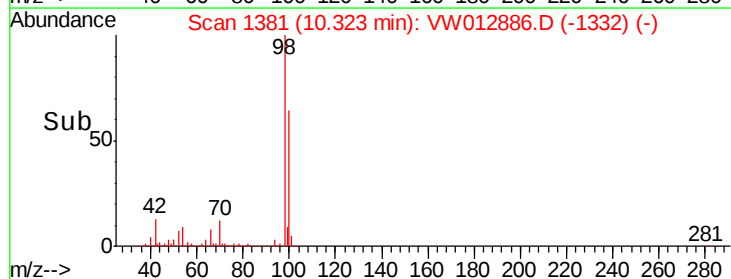
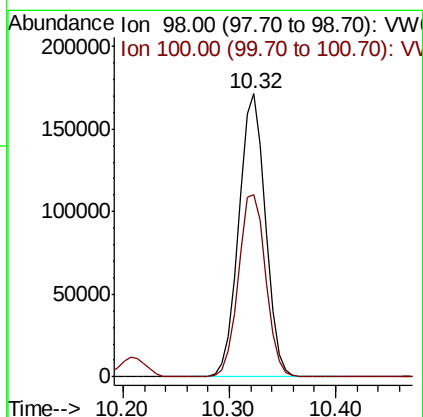
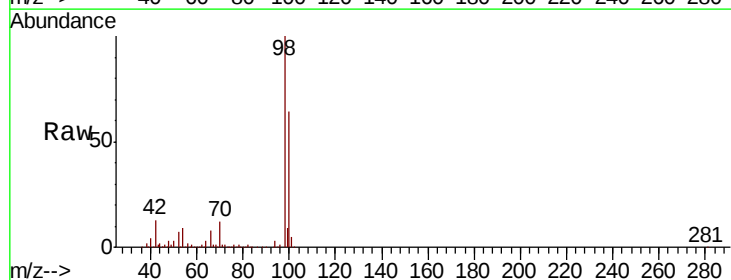
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

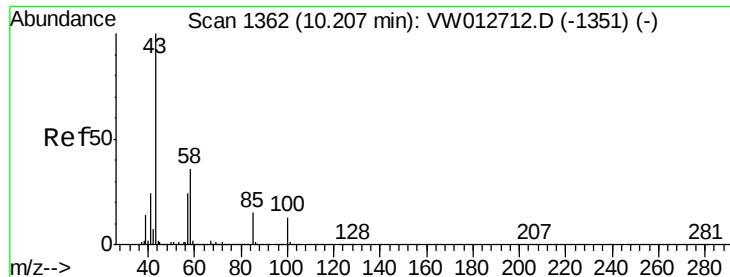
Tgt Ion: 88 Resp: 7699
Ion Ratio Lower Upper
88 100
43 35.0 34.8 52.2
58 67.4 64.1 96.1



#50
Toluene-d8
Concen: 50.705 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion: 98 Resp: 301768
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4

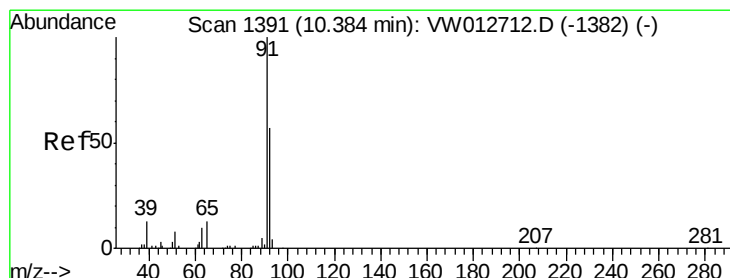
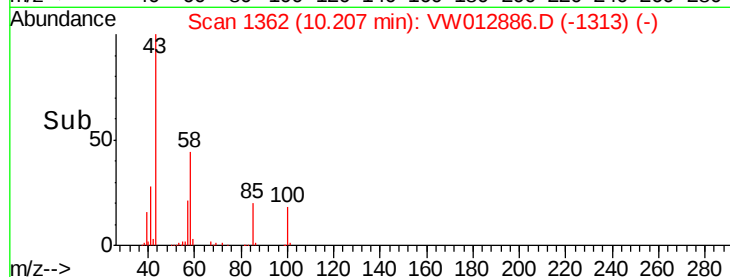
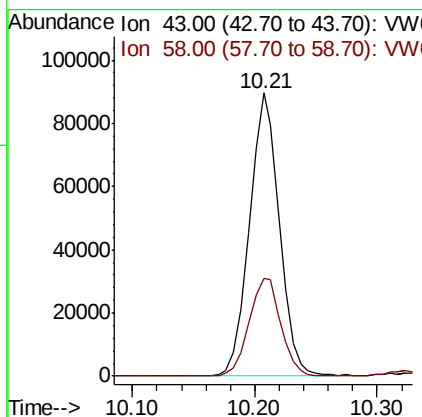
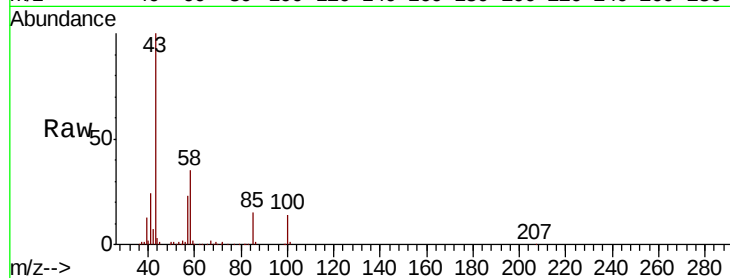




#51
 4-Methyl-2-Pentanone
 Concen: 106.132 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

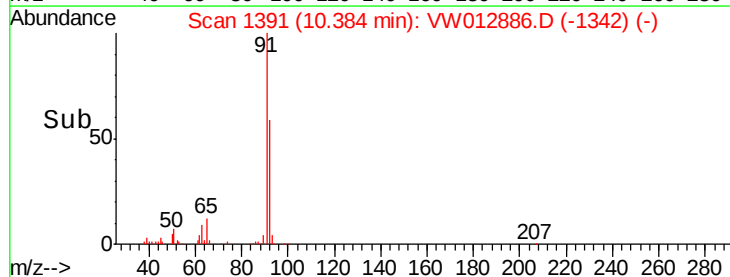
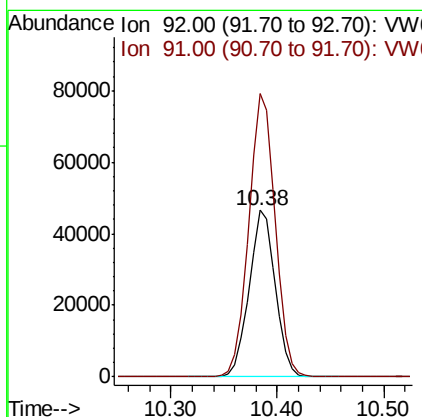
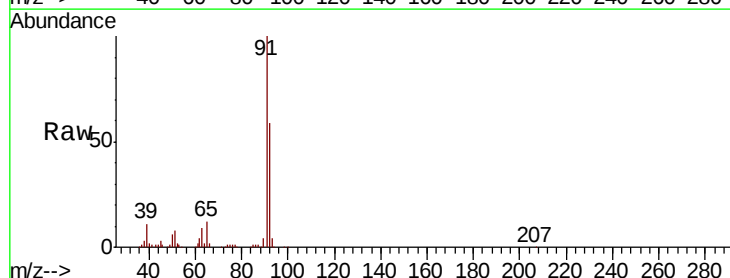
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

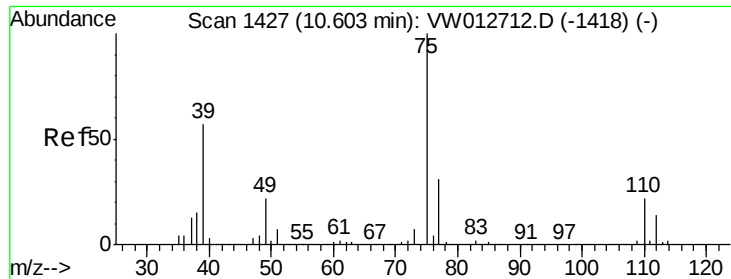
Tgt Ion: 43 Resp: 152697
 Ion Ratio Lower Upper
 43 100
 58 36.8 28.4 42.6



#52
 Toluene
 Concen: 20.438 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 92 Resp: 80351
 Ion Ratio Lower Upper
 92 100
 91 171.7 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.073 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

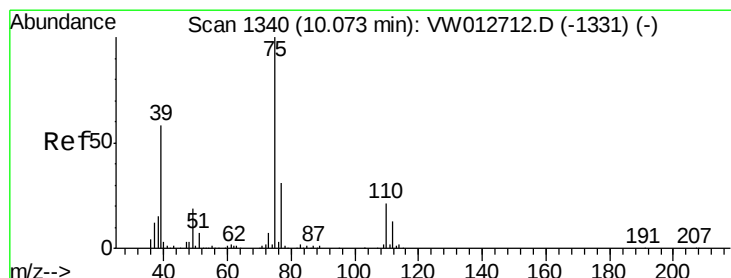
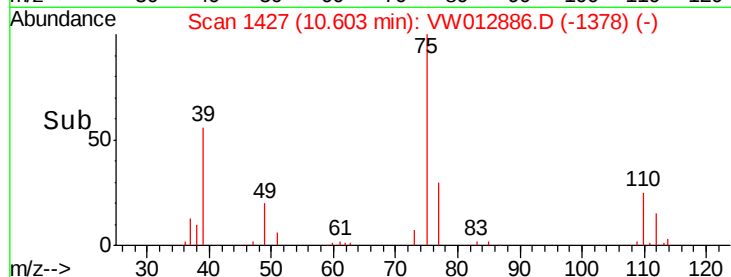
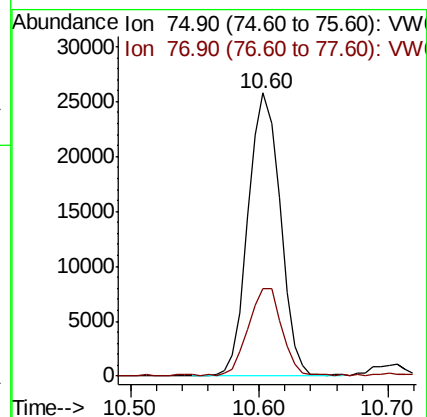
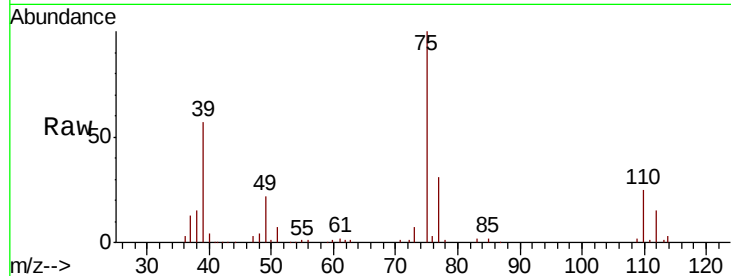
VW0910SBSD02

Tgt Ion: 75 Resp: 44639

Ion Ratio Lower Upper

75 100

77 30.3 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 19.408 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

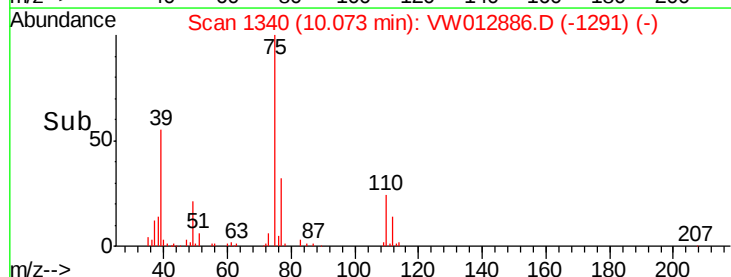
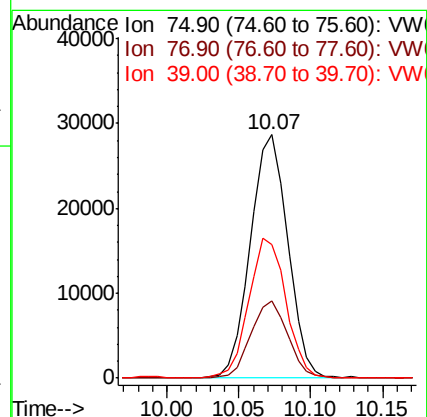
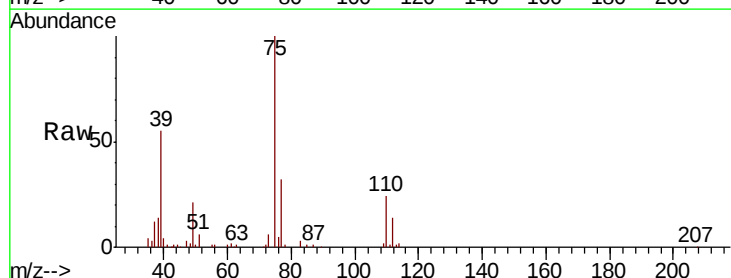
Tgt Ion: 75 Resp: 51527

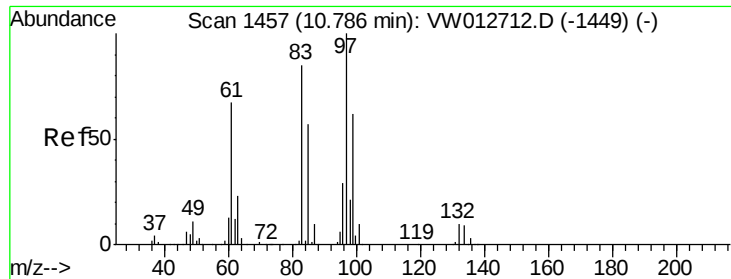
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 54.5 46.3 69.5

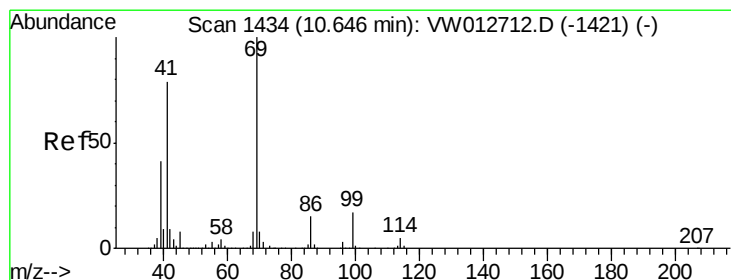
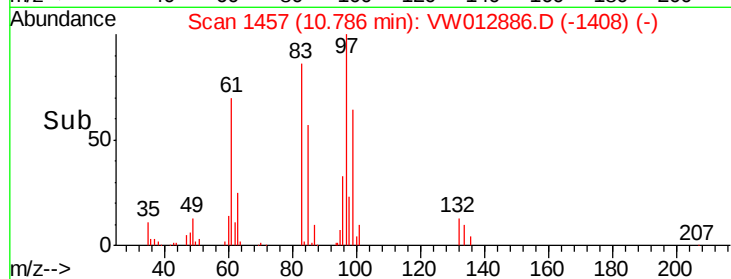
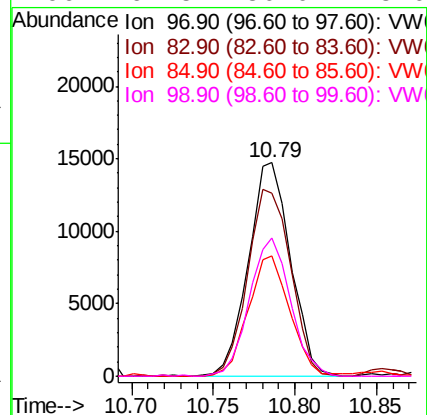
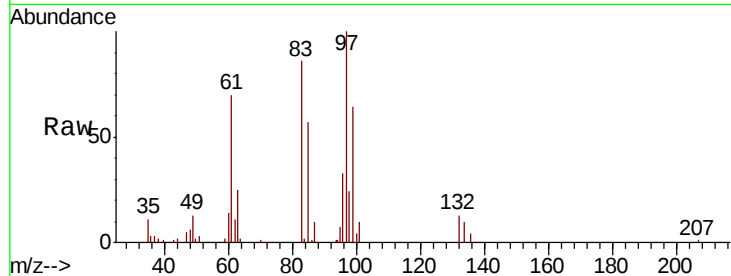




#55
 1,1,2-Trichloroethane
 Concen: 21.433 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

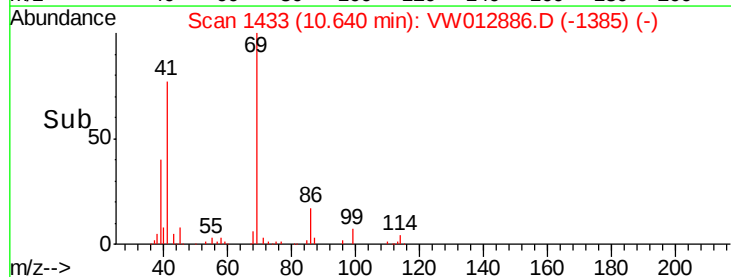
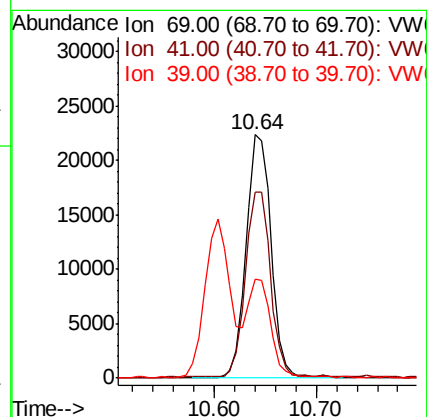
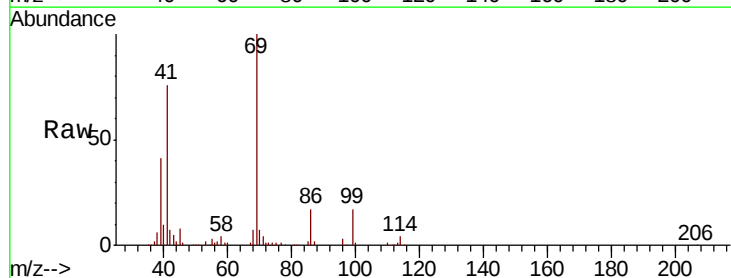
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

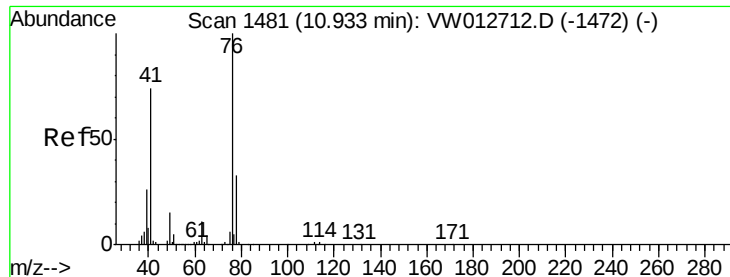
Tgt Ion: 97 Resp: 26546
 Ion Ratio Lower Upper
 97 100
 83 85.5 68.1 102.1
 85 56.6 45.3 67.9
 99 64.5 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 21.008 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 69 Resp: 38087
 Ion Ratio Lower Upper
 69 100
 41 75.3 64.4 96.6
 39 35.6 31.1 46.7

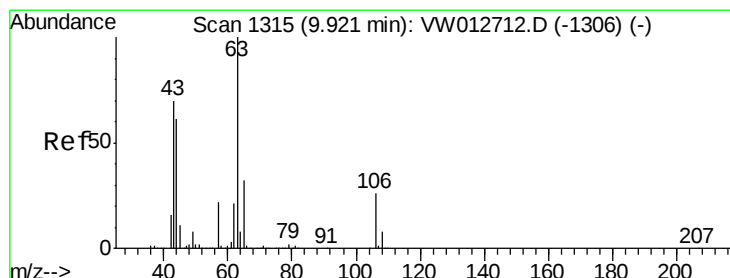
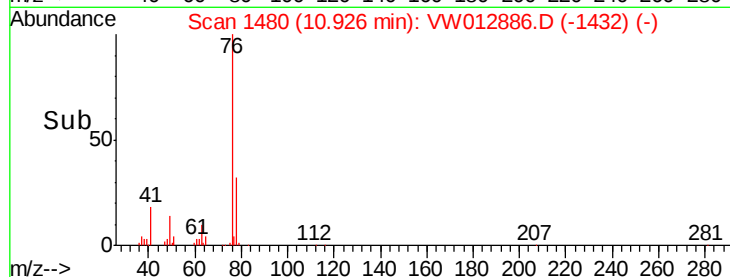
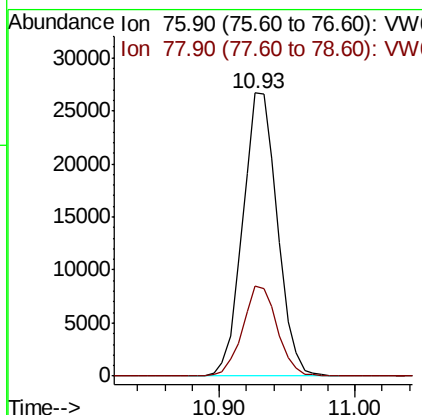
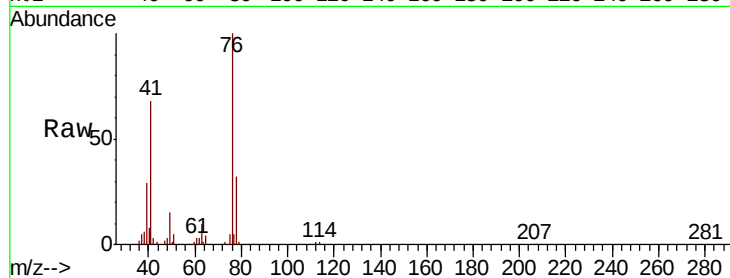




#57
 1,3-Dichloropropane
 Concen: 20.759 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

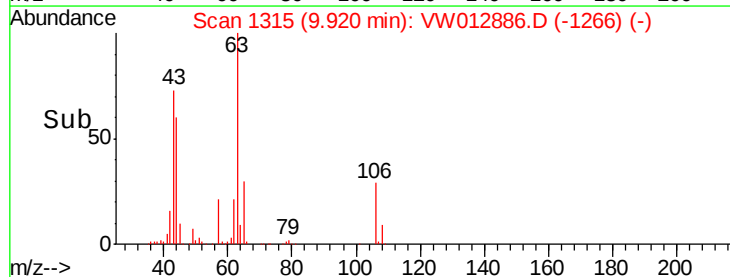
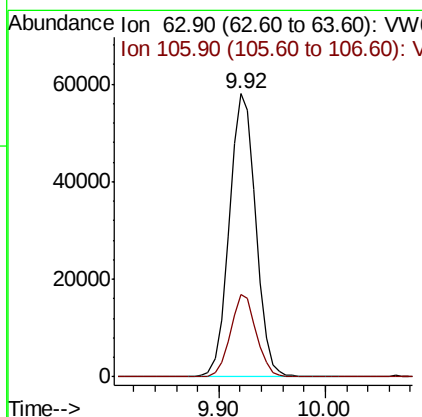
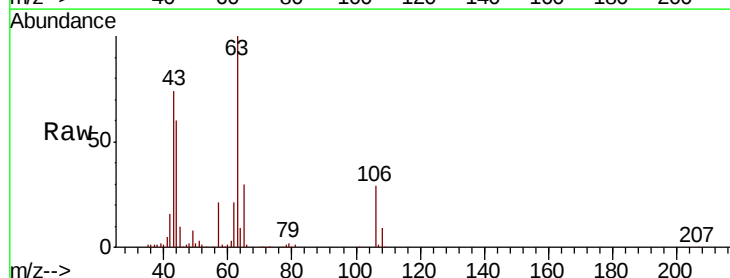
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

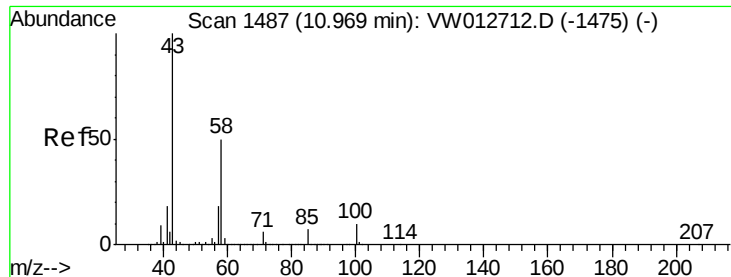
Tgt Ion: 76 Resp: 47565
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.940 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 63 Resp: 101002
 Ion Ratio Lower Upper
 63 100
 106 28.5 20.5 30.7

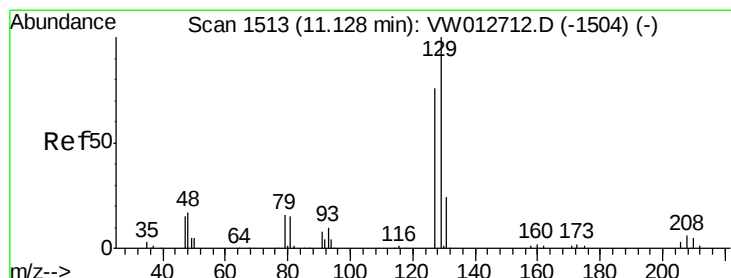
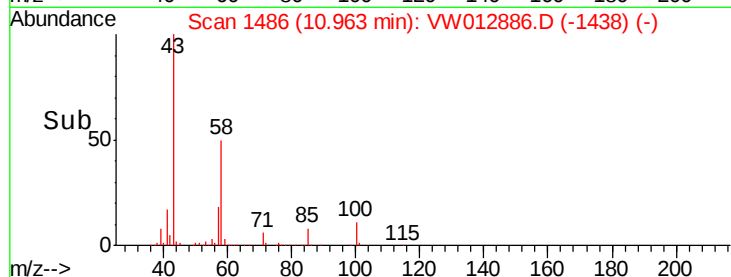
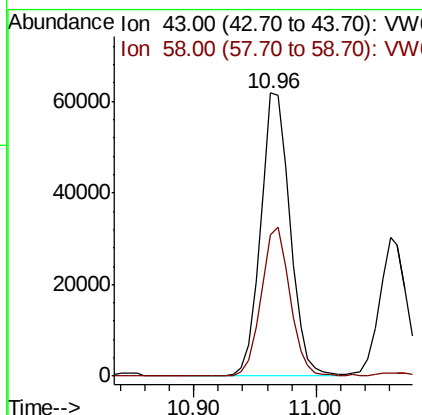
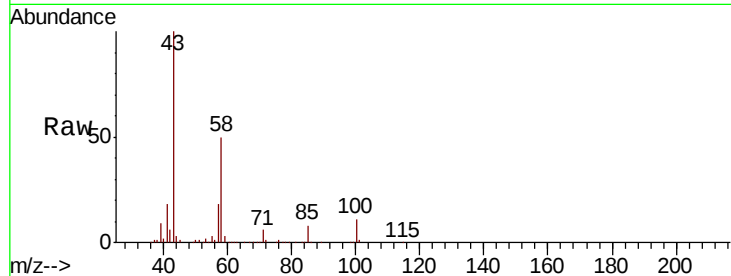




#59
2-Hexanone
Concen: 98.726 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

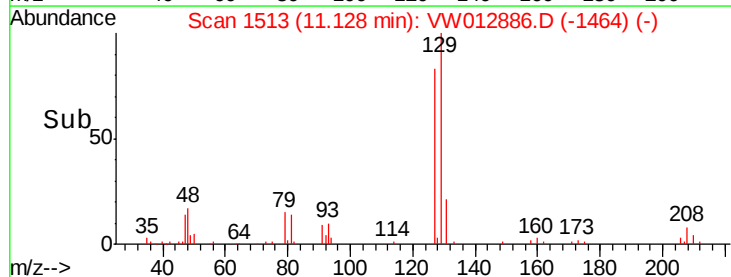
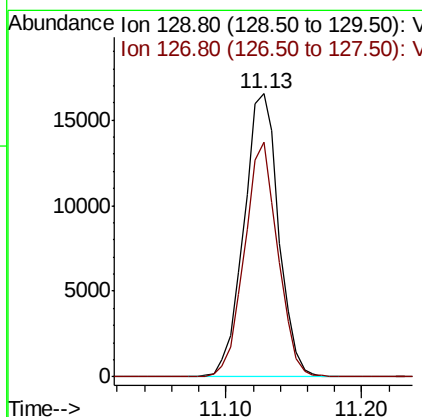
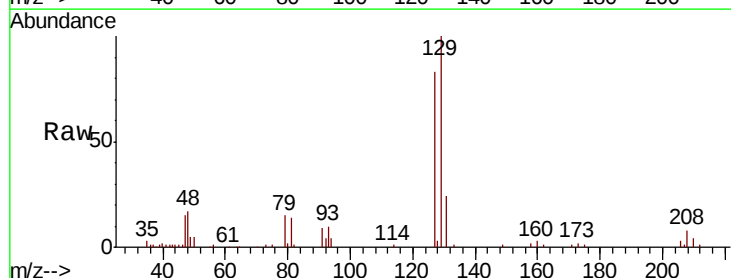
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

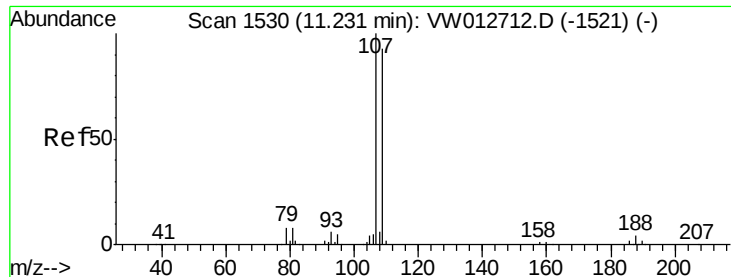
Tgt Ion: 43 Resp: 103774
Ion Ratio Lower Upper
43 100
58 51.7 24.7 74.1



#60
Dibromochloromethane
Concen: 20.348 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion: 129 Resp: 29639
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.8

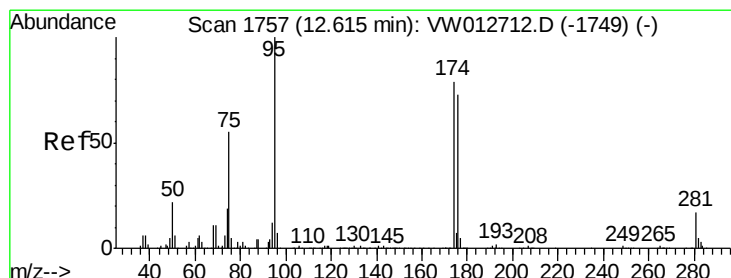
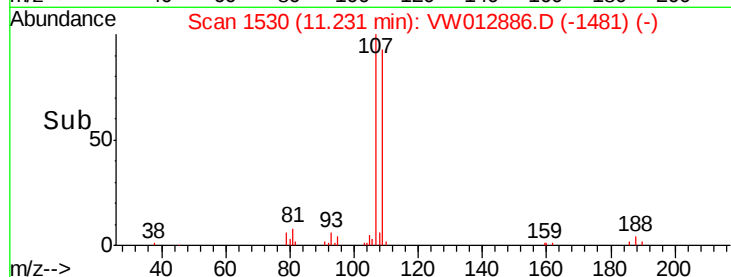
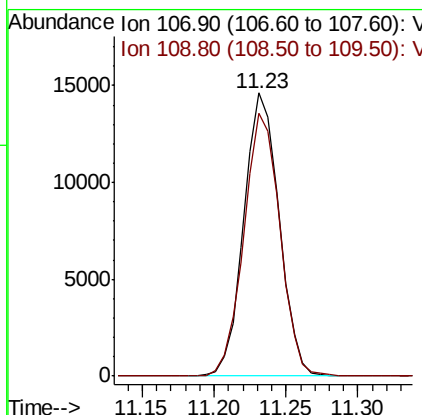
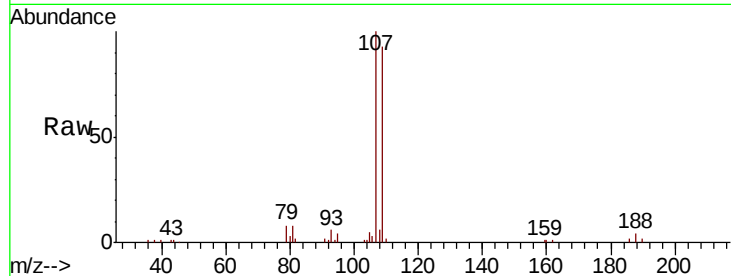




#61
 1,2-Dibromoethane
 Concen: 21.820 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

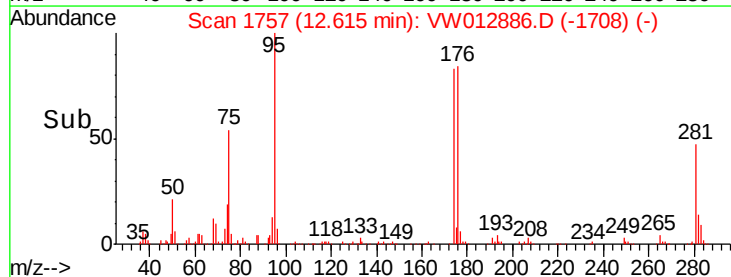
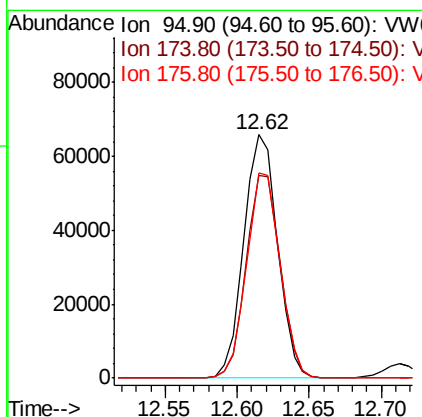
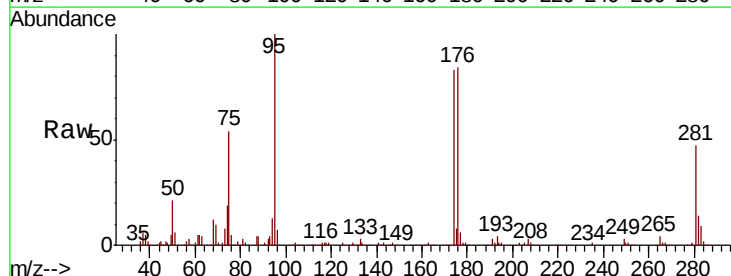
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

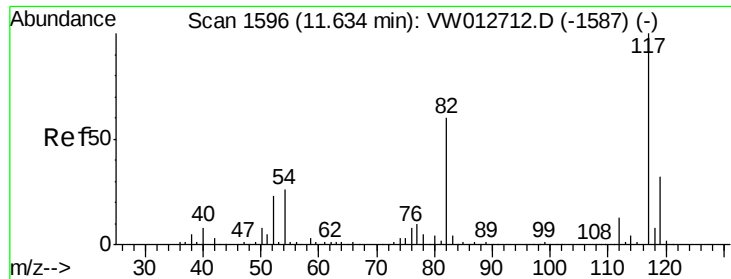
Tgt Ion: 107 Resp: 24777
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.501 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 95 Resp: 106950
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 161.0
 176 83.5 0.0 156.4

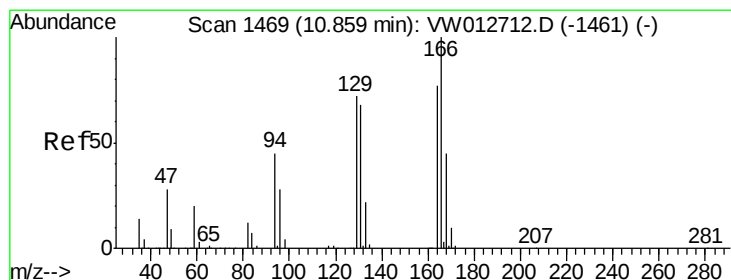
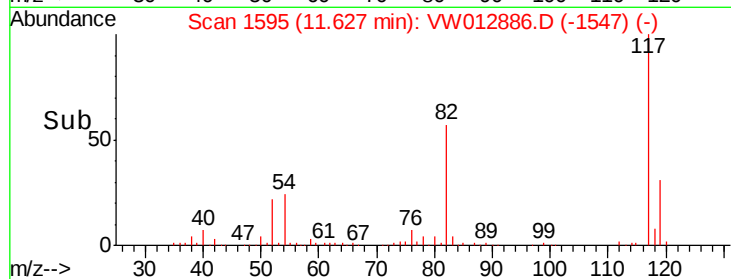
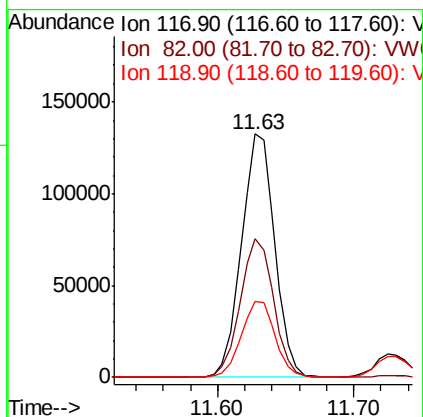
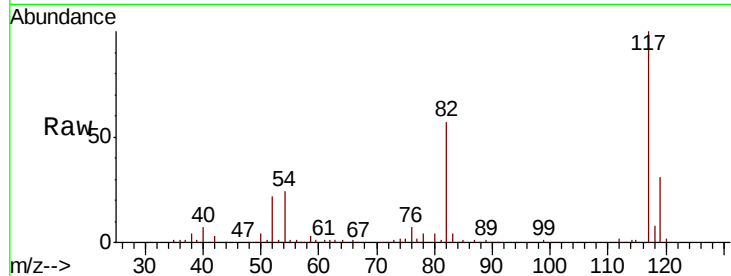




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

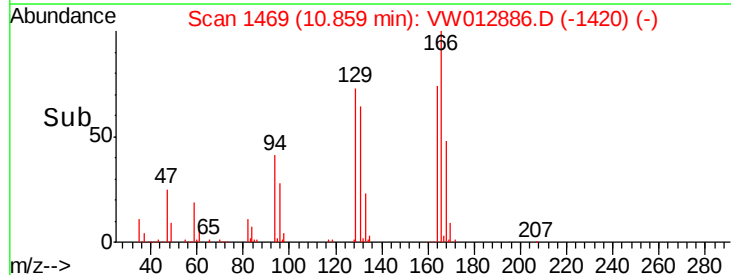
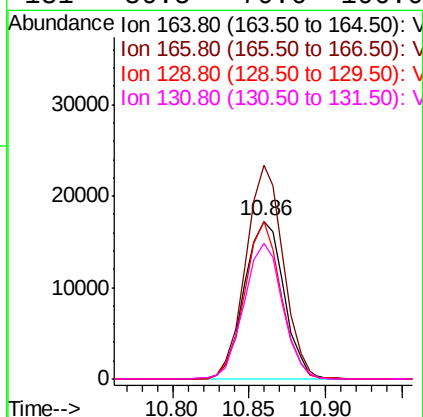
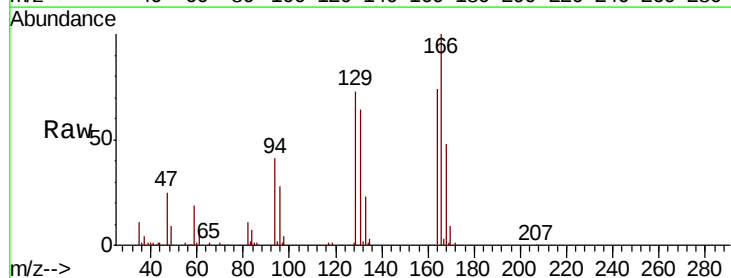
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

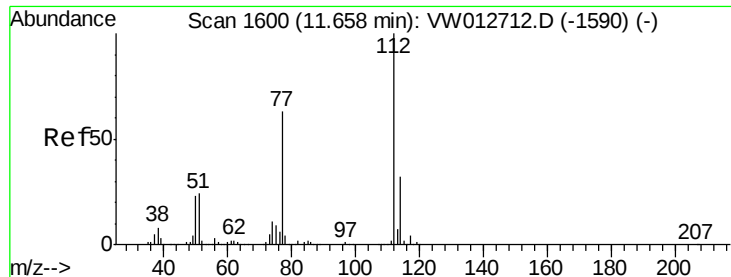
Tgt Ion:117 Resp: 226426
Ion Ratio Lower Upper
117 100
82 56.8 48.2 72.4
119 31.4 25.8 38.6



#64
Tetrachloroethene
Concen: 22.533 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion:164 Resp: 30958
Ion Ratio Lower Upper
164 100
166 135.5 103.6 155.4
129 99.6 74.6 112.0
131 86.5 70.6 106.0





#65

Chlorobenzene

Concen: 20.095 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

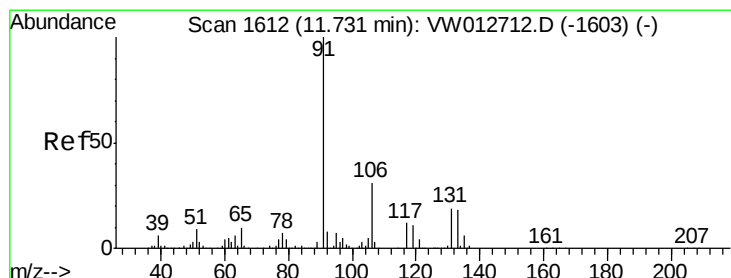
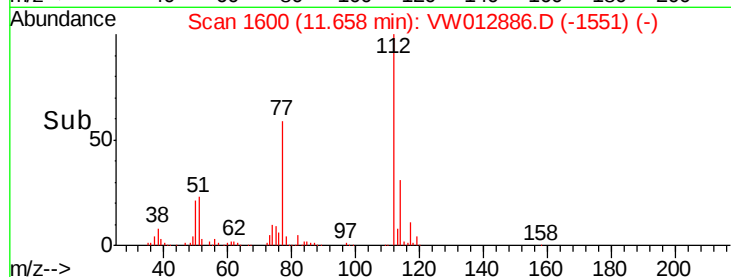
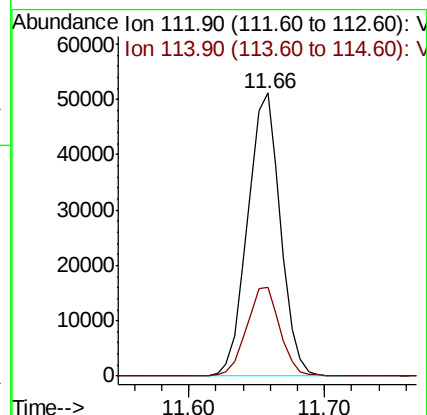
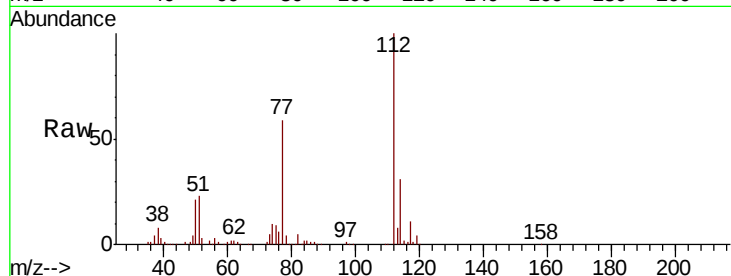
VW0910SBSD02

Tgt Ion:112 Resp: 85998

Ion Ratio Lower Upper

112 100

114 31.2 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.121 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

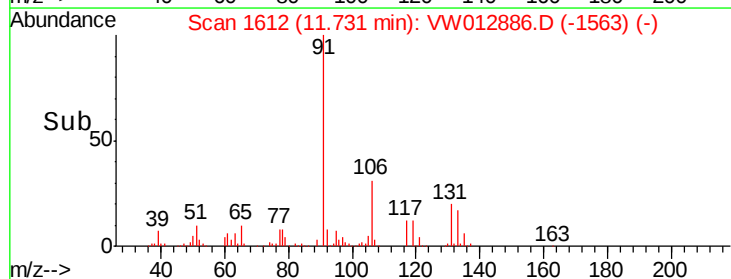
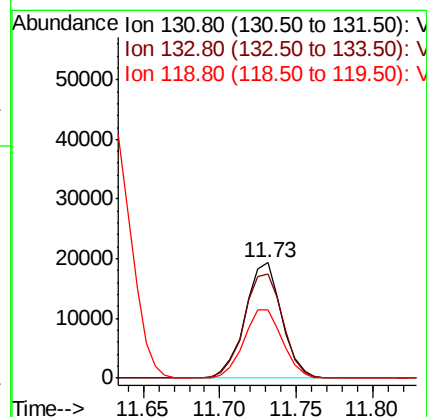
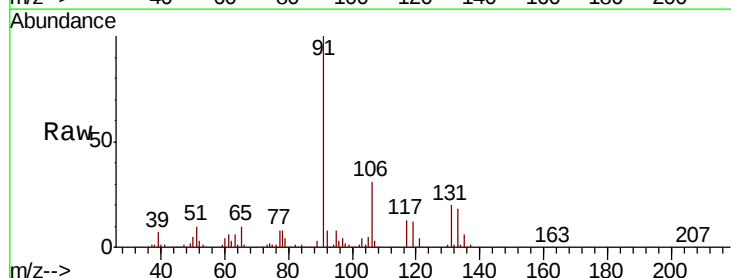
Tgt Ion:131 Resp: 32067

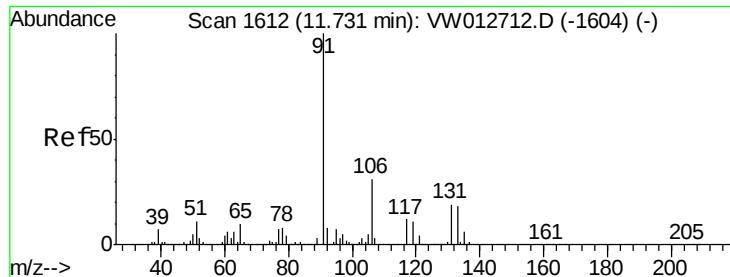
Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.8

119 62.8 30.6 92.0

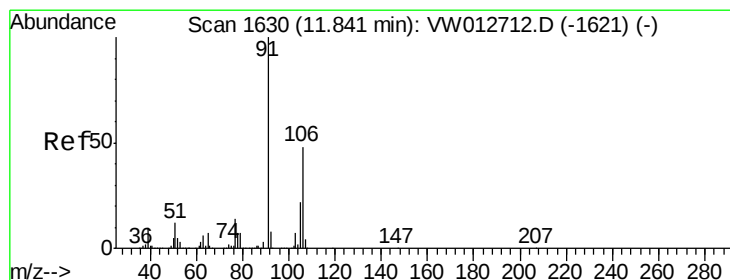
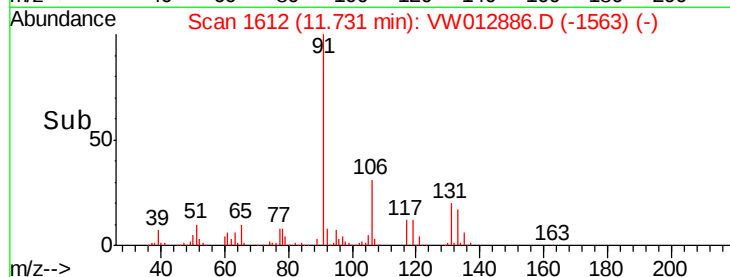
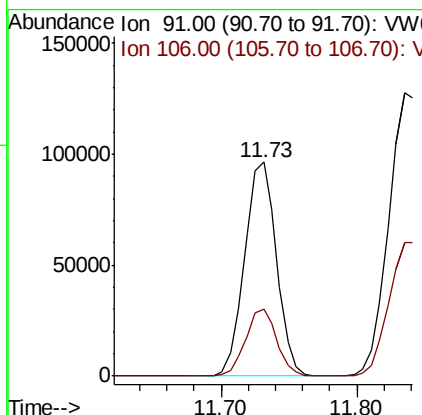
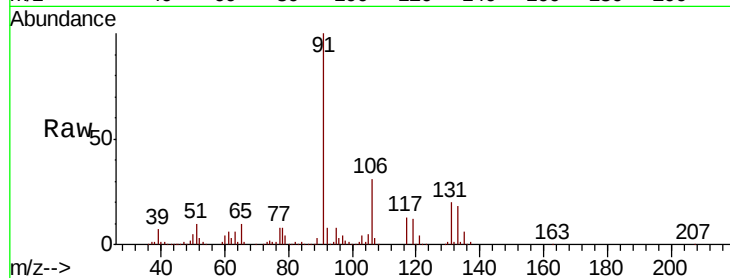




#67
Ethyl Benzene
Concen: 19.692 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

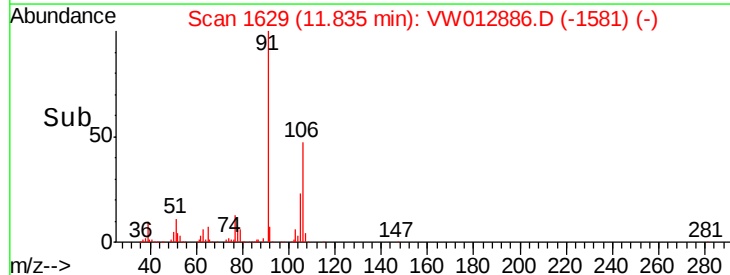
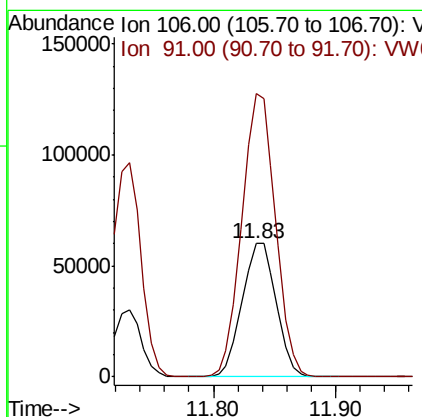
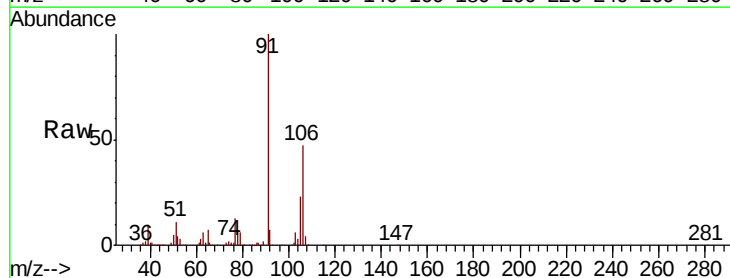
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

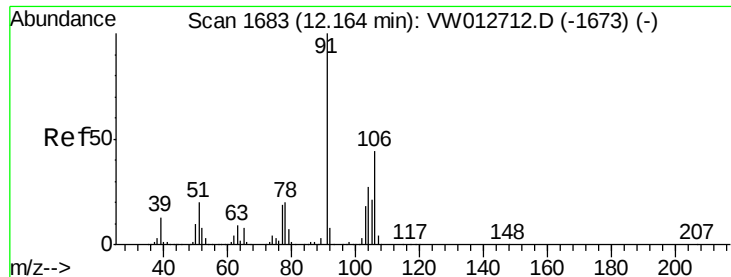
Tgt Ion: 91 Resp: 158113
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6



#68
m/p-Xylenes
Concen: 40.284 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion: 106 Resp: 116754
Ion Ratio Lower Upper
106 100
91 209.0 168.2 252.4

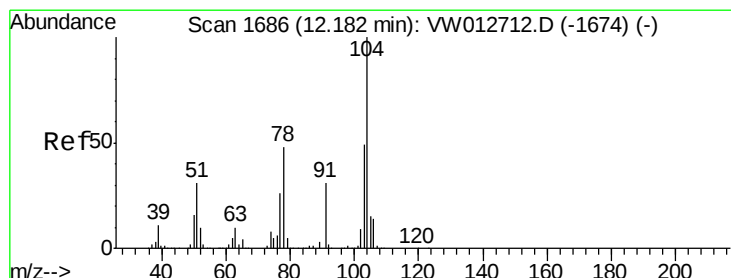
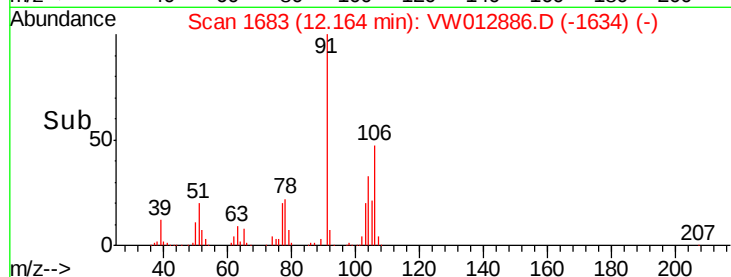
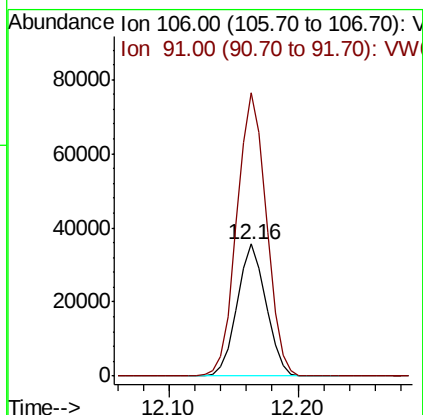
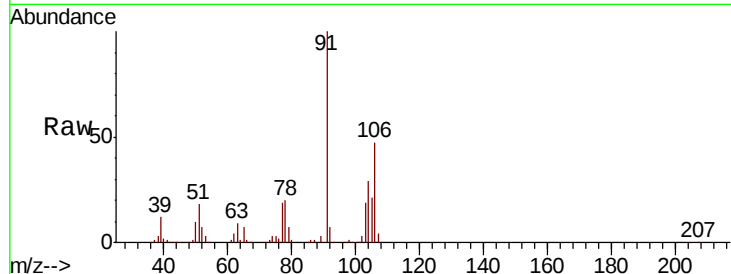




#69
o-Xylene
Concen: 20.293 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

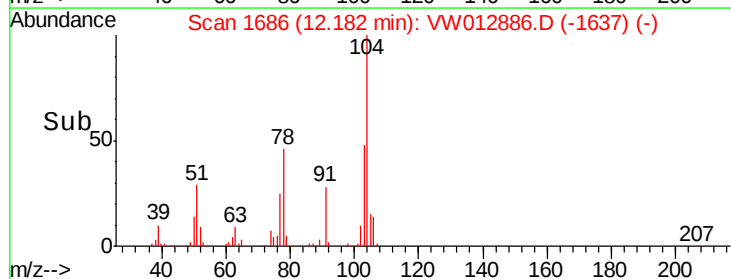
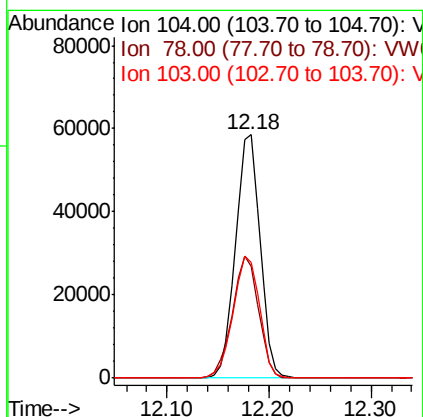
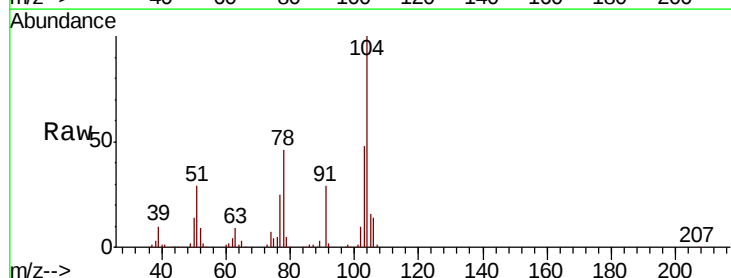
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

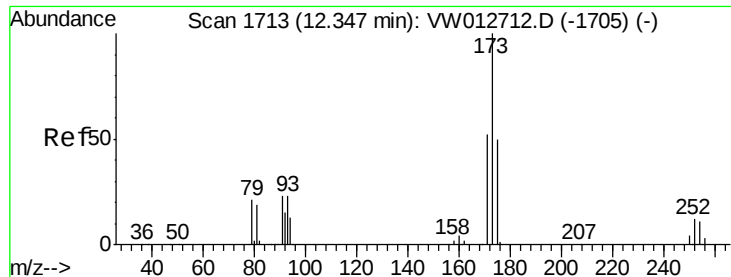
Tgt Ion:106 Resp: 55488
Ion Ratio Lower Upper
106 100
91 219.2 112.3 336.8



#70
Styrene
Concen: 20.175 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion:104 Resp: 97478
Ion Ratio Lower Upper
104 100
78 53.5 43.3 64.9
103 53.8 44.0 66.0

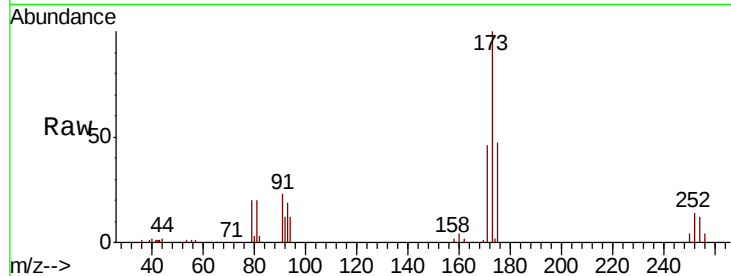




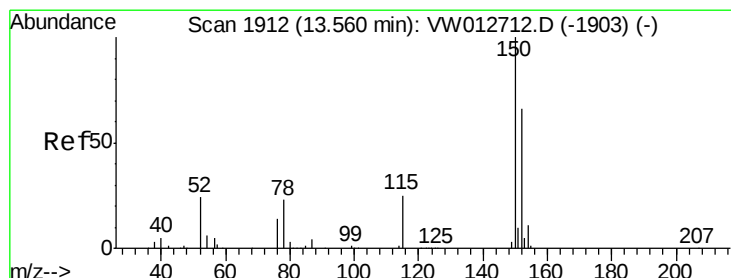
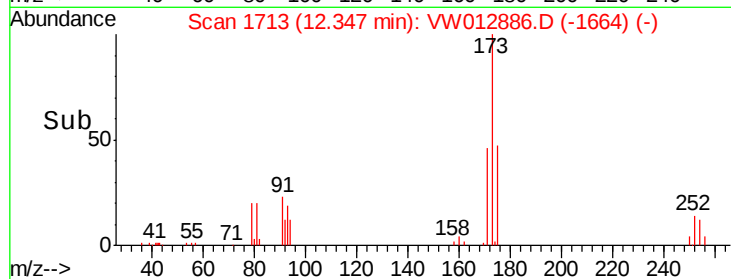
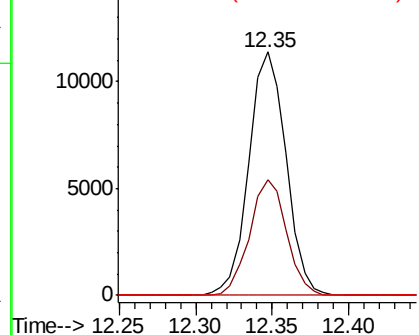
#71
Bromoform
Concen: 21.722 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tgt Ion:173 Resp: 19234
Ion Ratio Lower Upper
173 100
175 47.2 24.8 74.3
254 0.0 0.1 0.1#

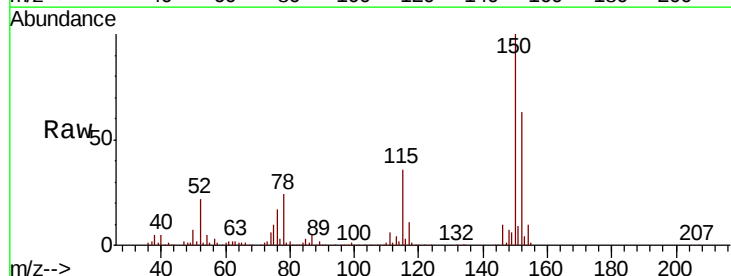


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

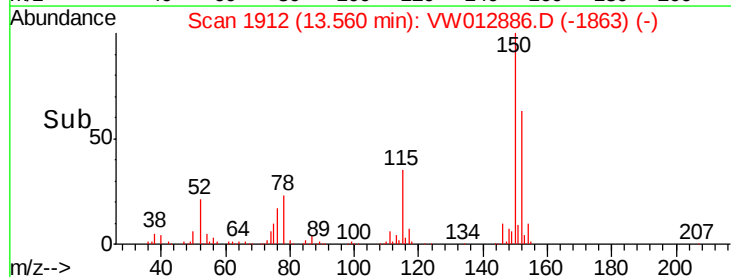
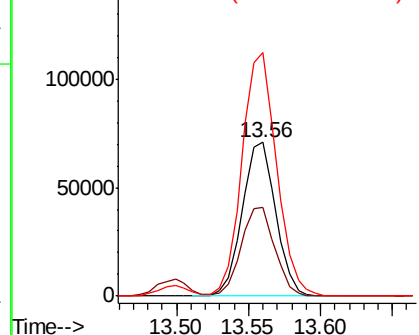


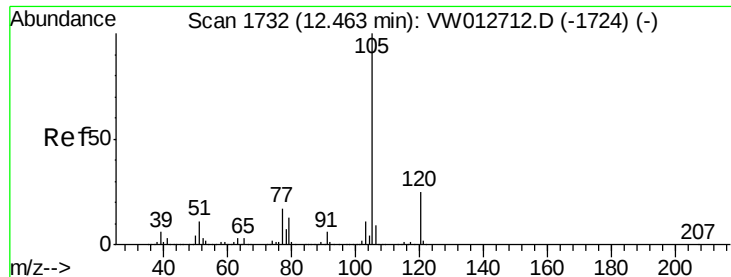
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion:152 Resp: 114212
Ion Ratio Lower Upper
152 100
115 57.8 30.0 90.1
150 163.7 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: 19.331 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

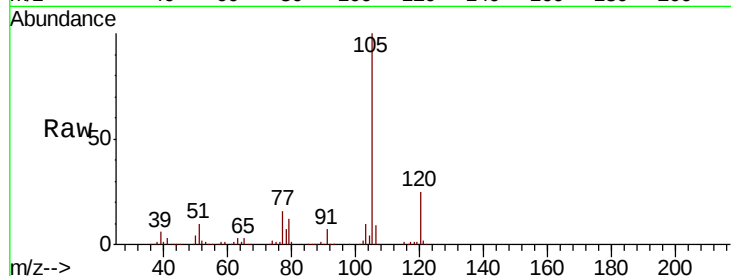
VW0910SBSD02

Tgt Ion: 105 Resp: 158351

Ion Ratio Lower Upper

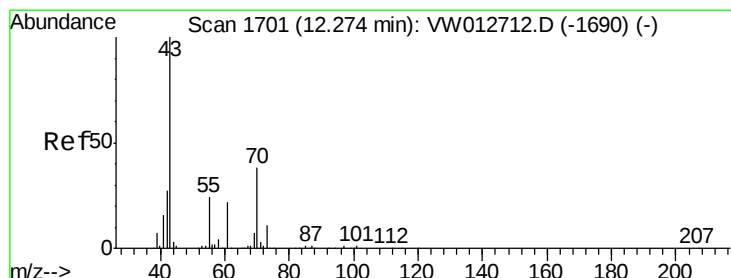
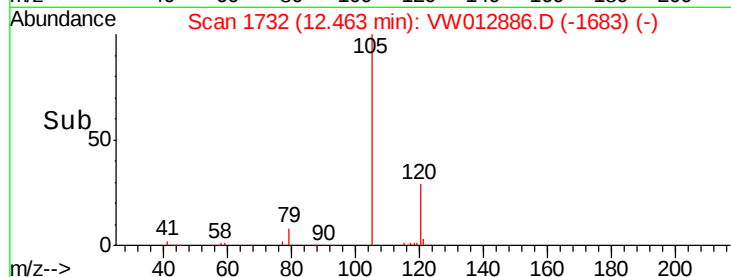
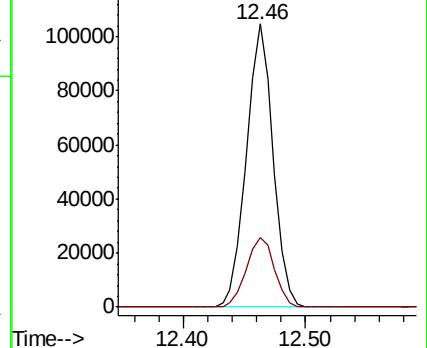
105 100

120 26.0 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.004 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tgt Ion: 43 Resp: 49414

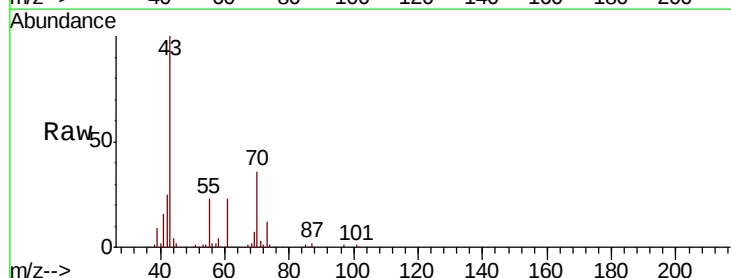
Ion Ratio Lower Upper

43 100

70 37.5 29.4 44.0

55 24.8 18.6 27.8

61 23.9 17.8 26.6

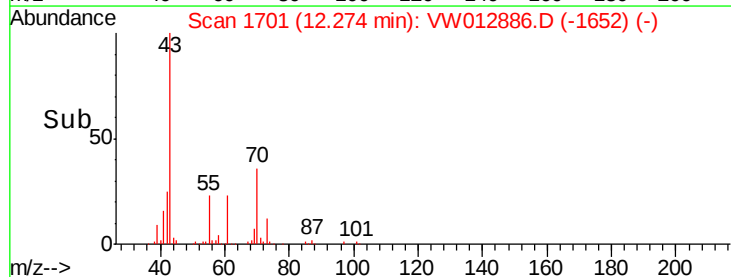
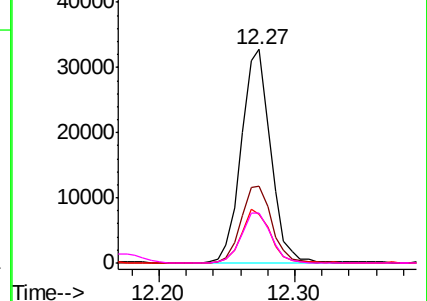


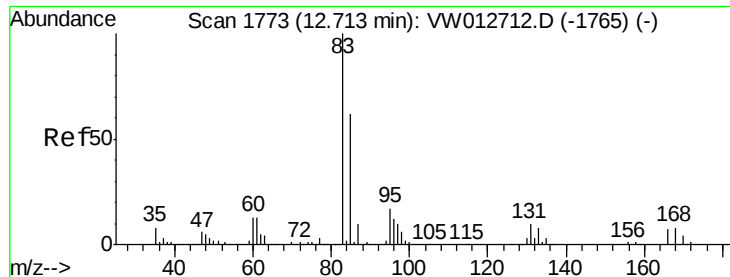
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.946 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

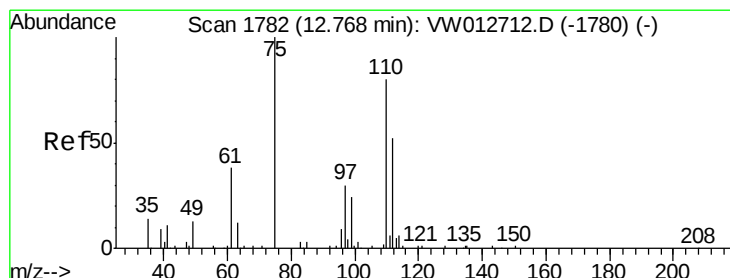
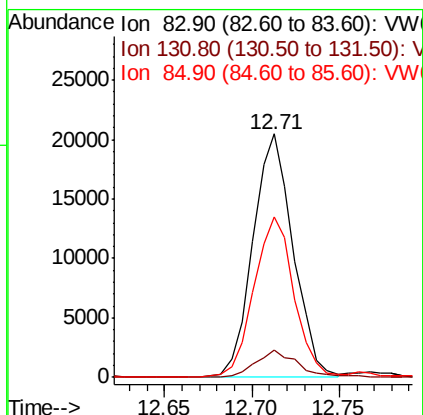
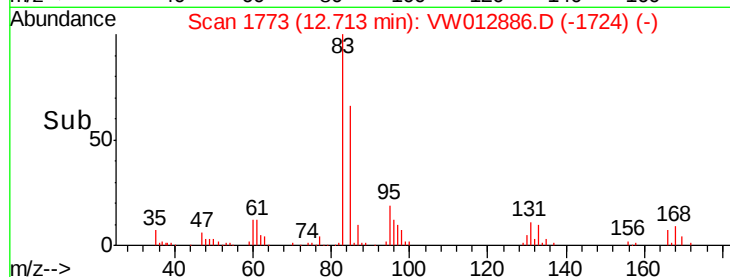
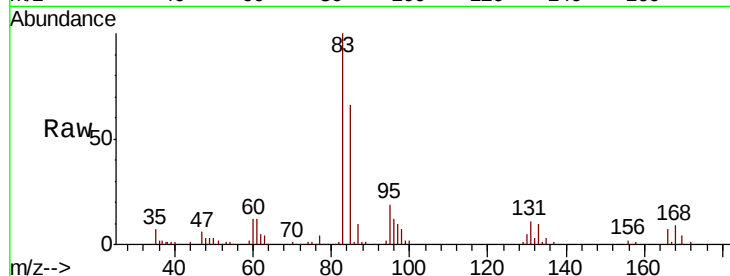
Tgt Ion: 83 Resp: 32813

Ion Ratio Lower Upper

83 100

131 11.8 5.1 15.4

85 66.0 31.4 94.2



#76

1,2,3-Trichloropropane

Concen: 38.039 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012886.D

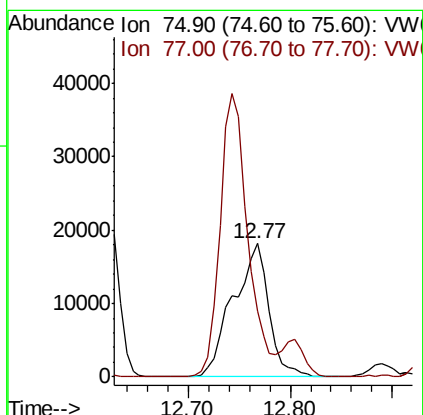
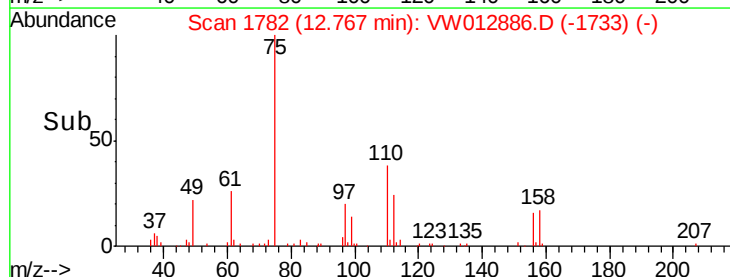
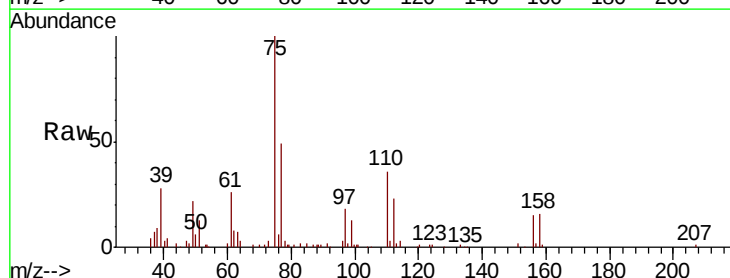
Acq: 10 Sep 2019 23:44

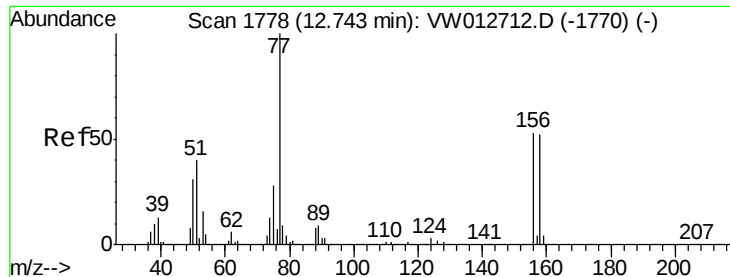
Tgt Ion: 75 Resp: 44425

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.050 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

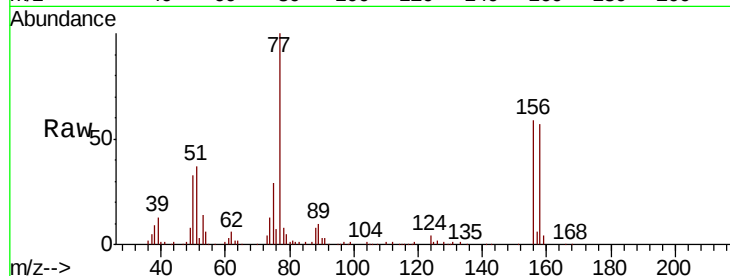
Tgt Ion:156 Resp: 37211

Ion Ratio Lower Upper

156 100

77 197.2 102.3 306.9

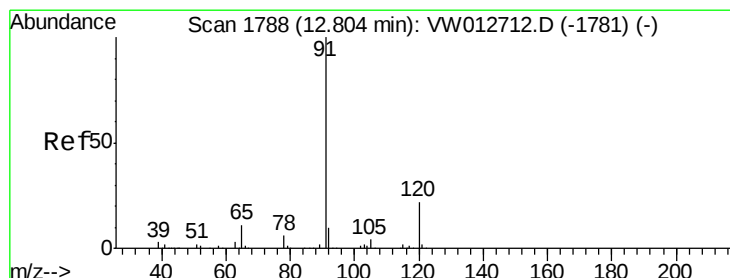
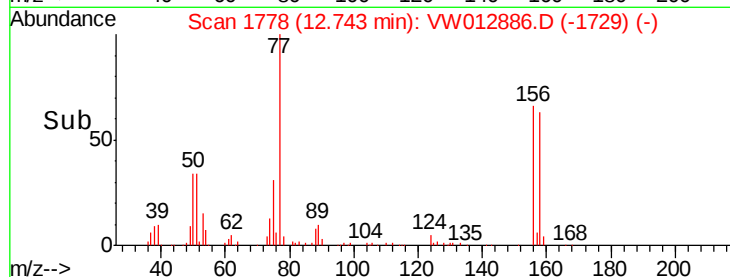
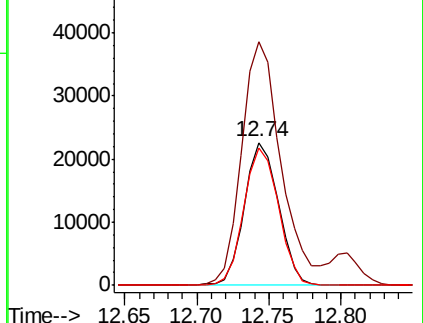
158 97.3 48.9 146.8



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: 19.222 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012886.D

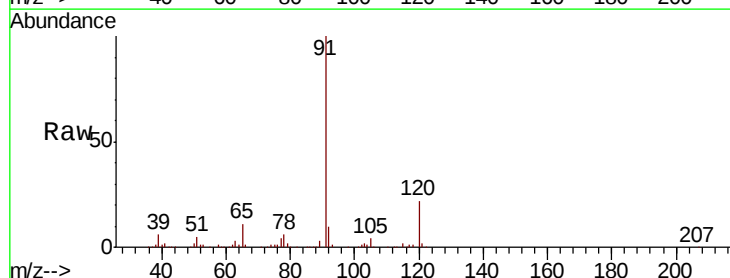
Acq: 10 Sep 2019 23:44

Tgt Ion: 91 Resp: 188320

Ion Ratio Lower Upper

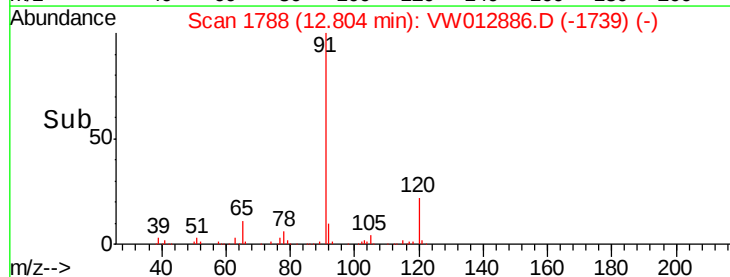
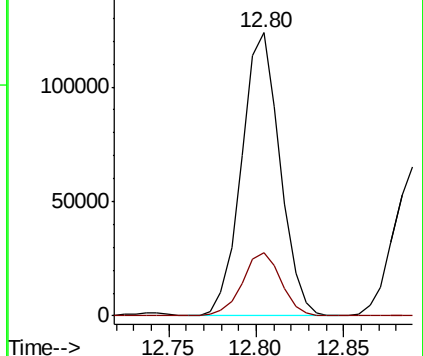
91 100

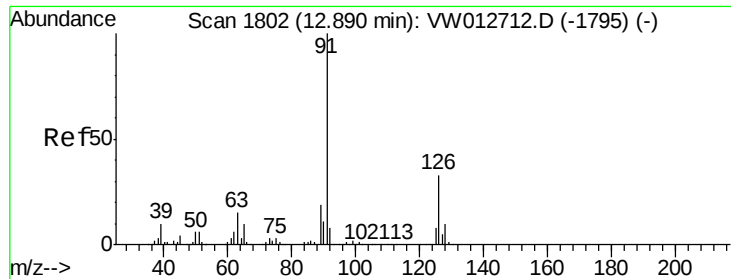
120 22.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

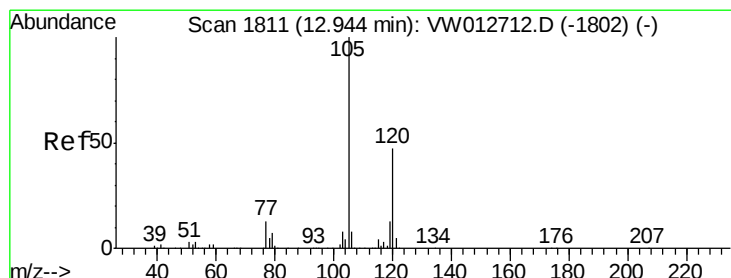
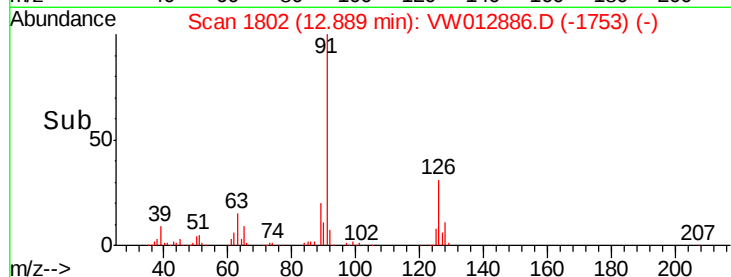
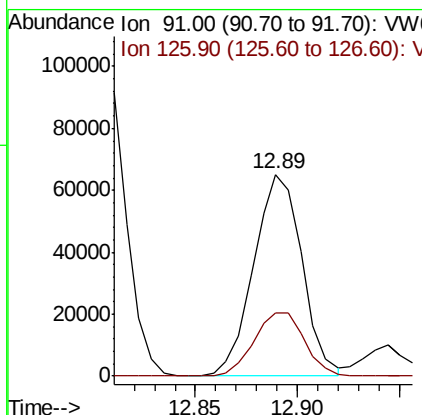
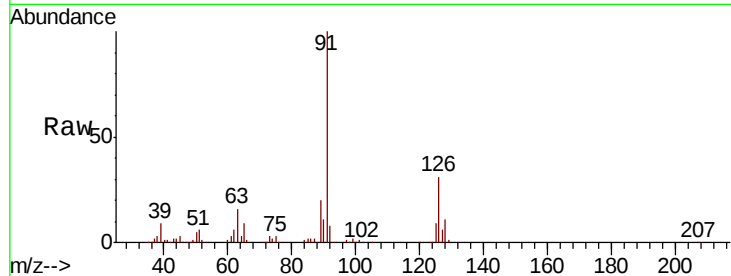




#79
 2-Chlorotoluene
 Concen: 19.020 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

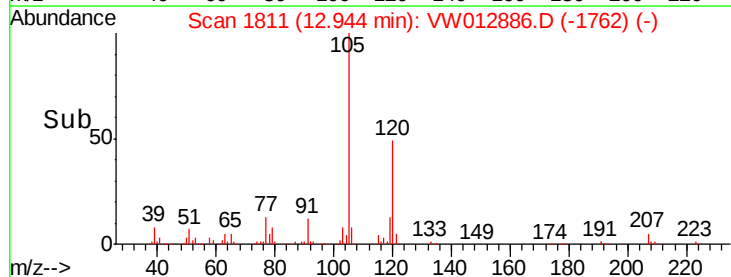
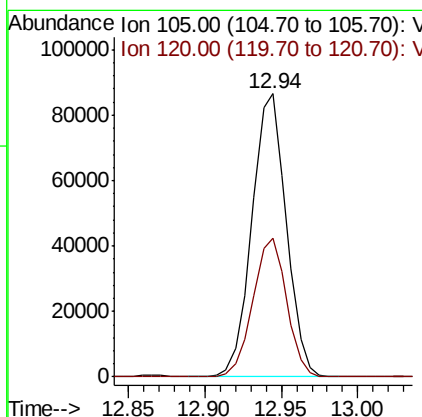
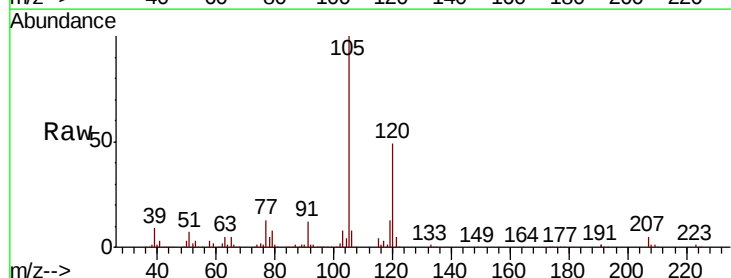
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

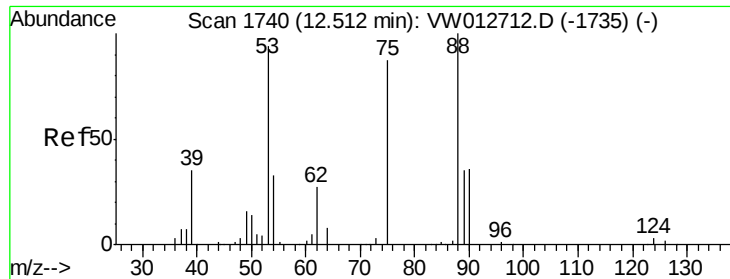
Tgt Ion: 91 Resp: 106971
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.499 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 105 Resp: 134591
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.012 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

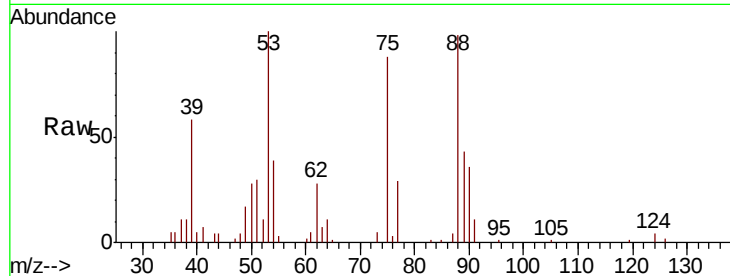
Tgt Ion: 75 Resp: 10498

Ion Ratio Lower Upper

75 100

53 107.4 87.6 131.4

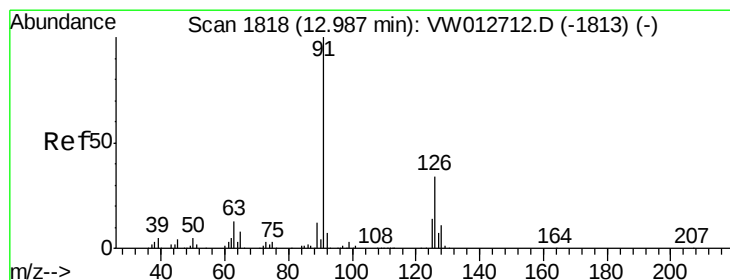
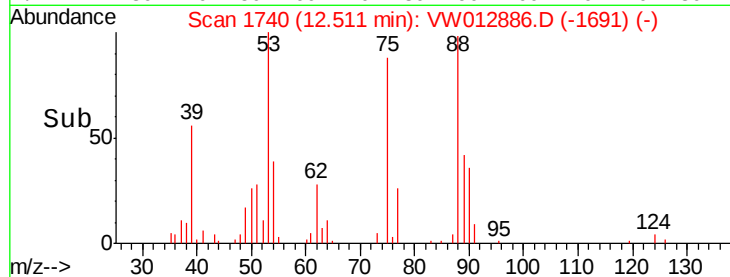
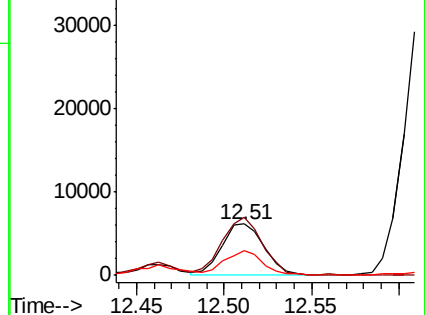
89 43.3 35.5 53.3



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: 19.059 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012886.D

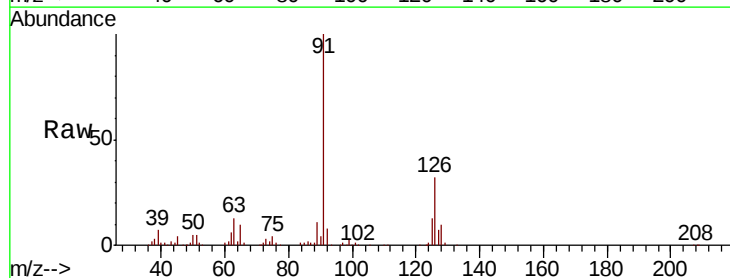
Acq: 10 Sep 2019 23:44

Tgt Ion: 91 Resp: 113386

Ion Ratio Lower Upper

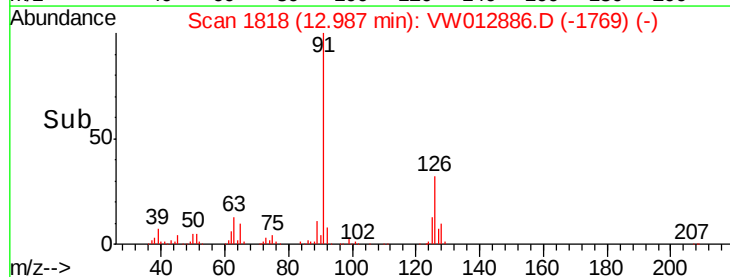
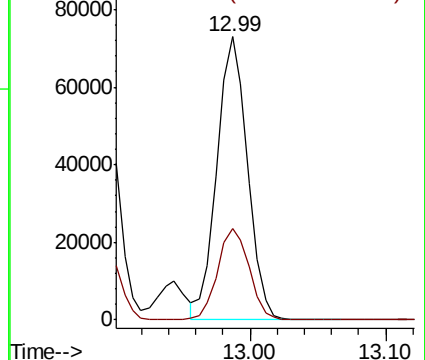
91 100

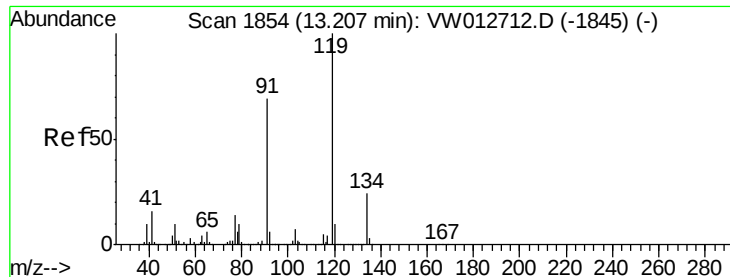
126 33.3 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

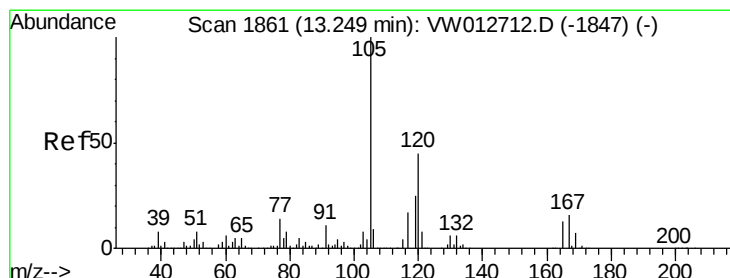
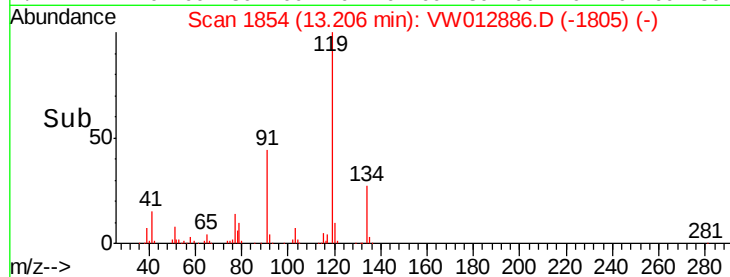
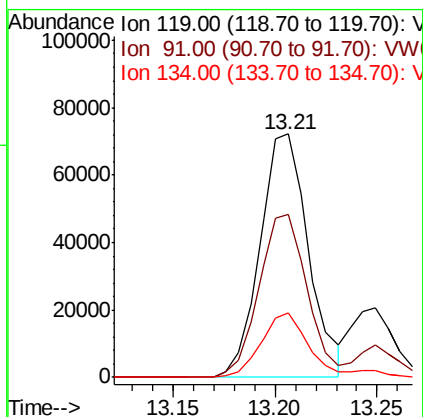
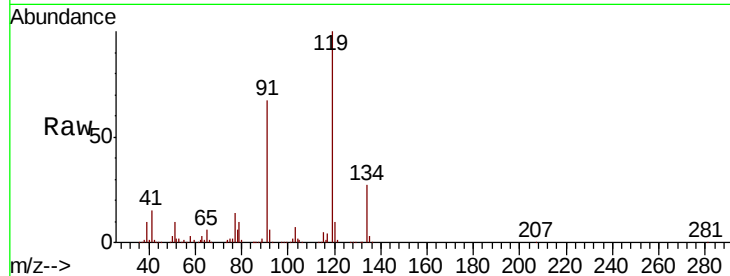




#83
tert-Butylbenzene
Concen: 19.614 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

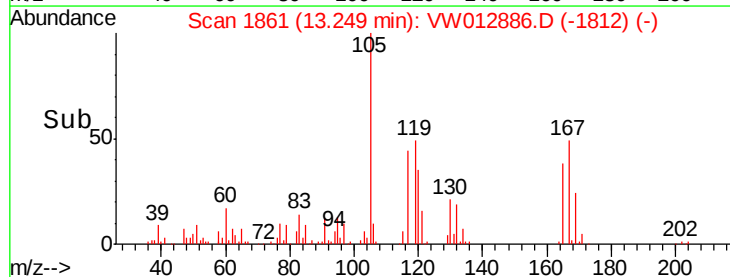
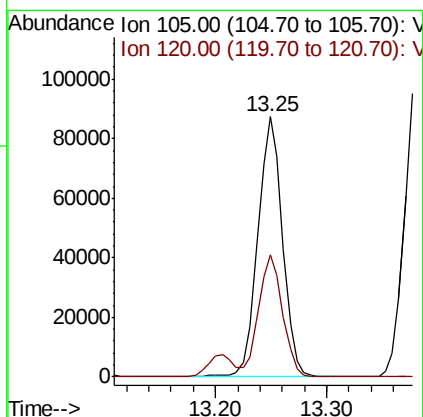
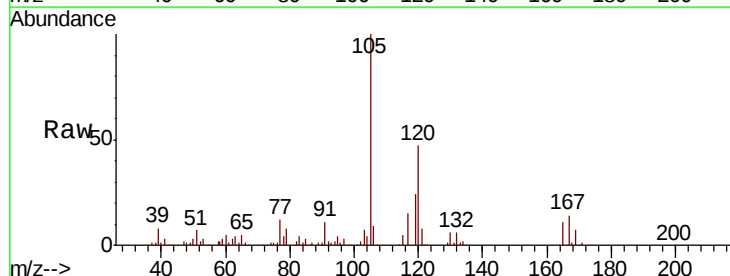
Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

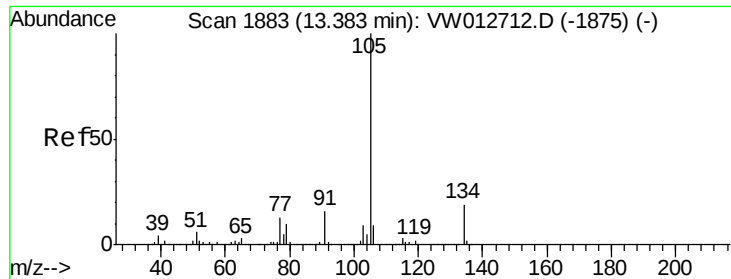
Tgt Ion:119 Resp: 119711
Ion Ratio Lower Upper
119 100
91 66.2 34.2 102.5
134 25.5 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 19.418 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion:105 Resp: 135056
Ion Ratio Lower Upper
105 100
120 45.2 22.1 66.3

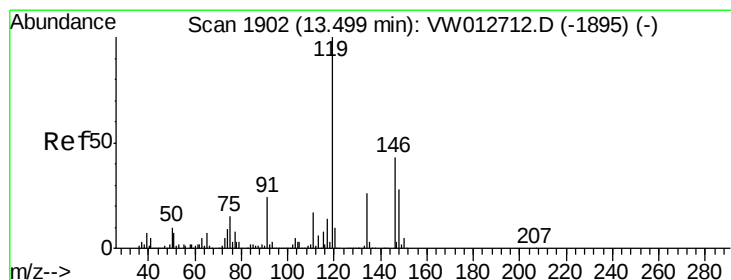
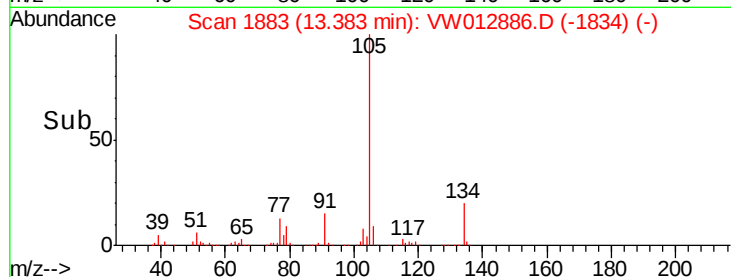
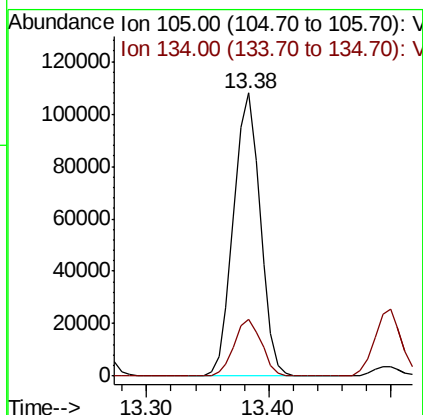
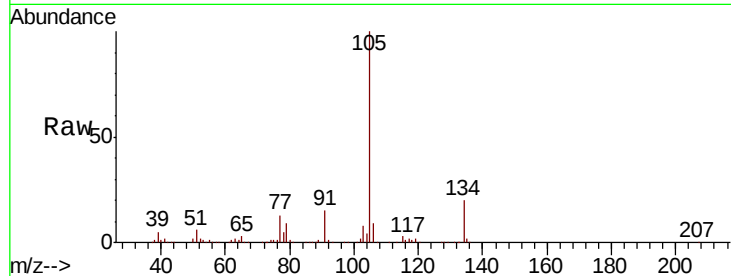




#85
 sec-Butylbenzene
 Concen: 19.284 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

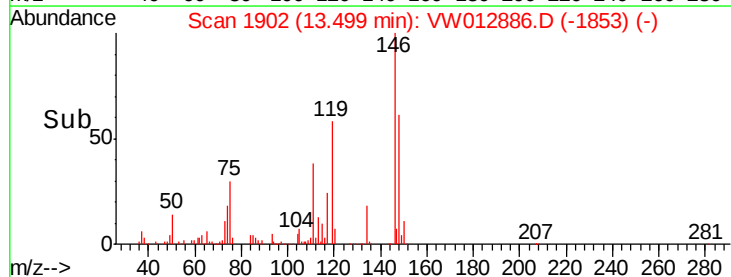
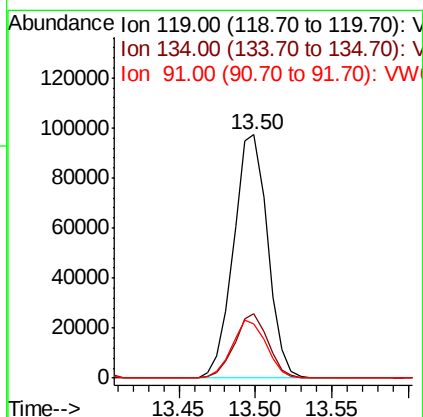
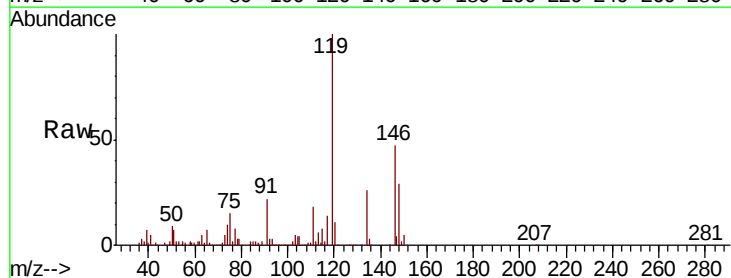
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

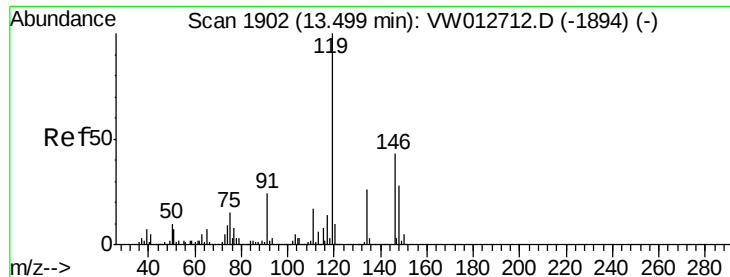
Tgt Ion:105 Resp: 163317
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.423 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion:119 Resp: 150255
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.1
 91 23.9 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 19.871 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

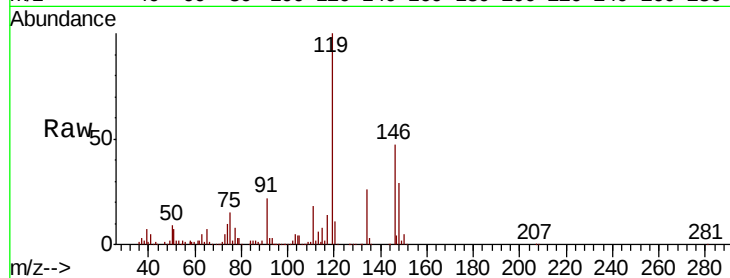
Tgt Ion:146 Resp: 72485

Ion Ratio Lower Upper

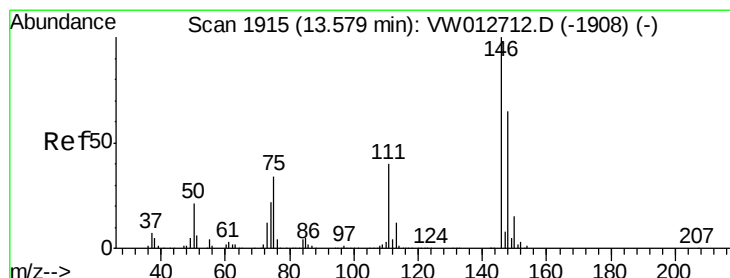
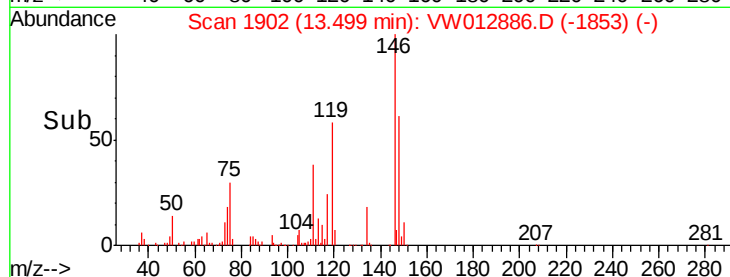
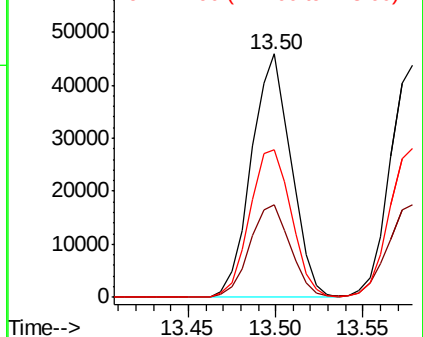
146 100

111 38.8 20.4 61.2

148 64.1 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 19.814 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

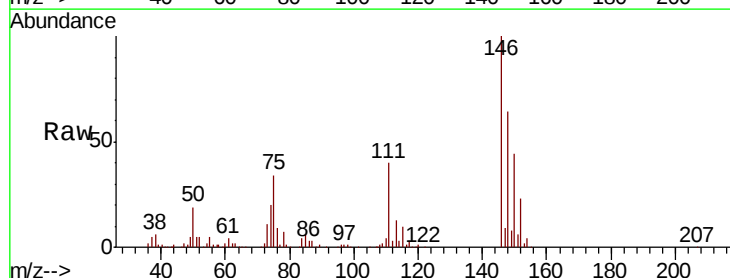
Tgt Ion:146 Resp: 71921

Ion Ratio Lower Upper

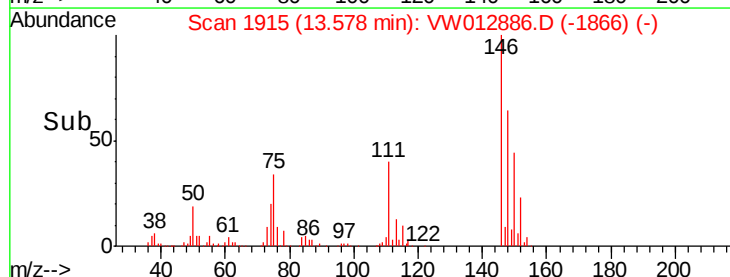
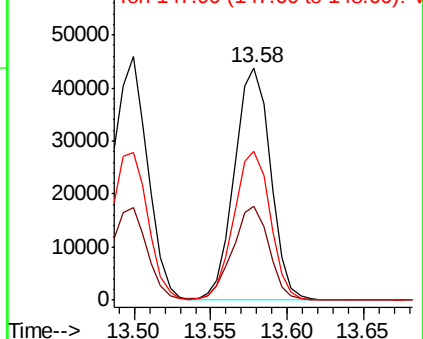
146 100

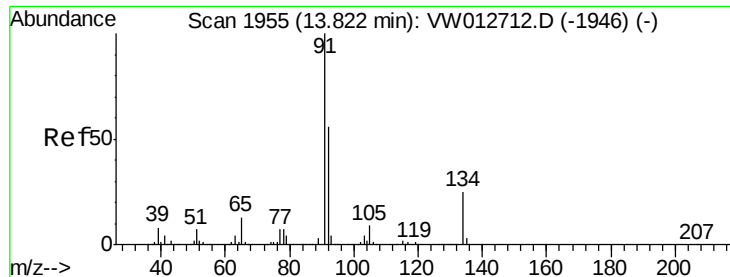
111 40.6 20.0 60.0

148 64.6 32.2 96.6



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





#89

n-Butylbenzene

Concen: 18.326 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

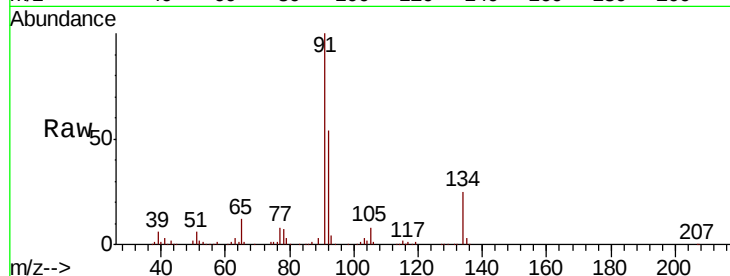
Tgt Ion: 91 Resp: 137630

Ion Ratio Lower Upper

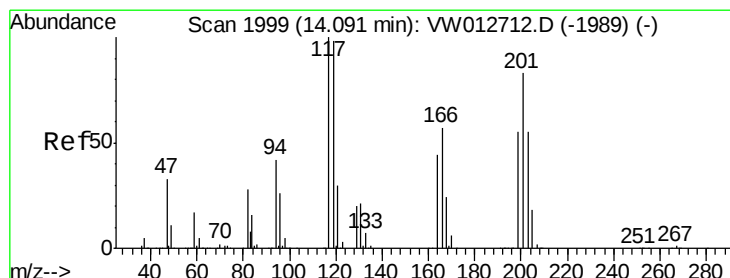
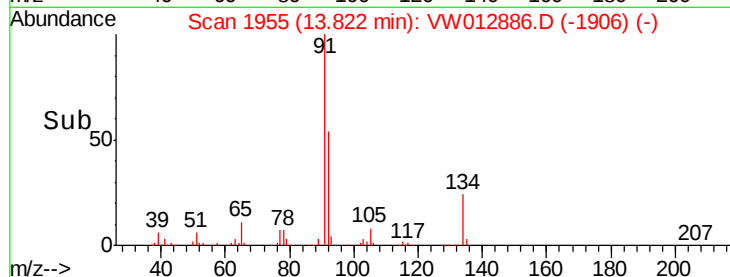
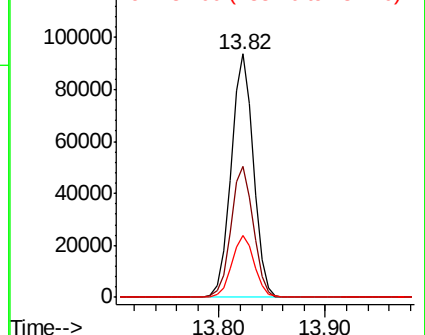
91 100

92 54.0 27.2 81.5

134 25.6 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.180 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012886.D

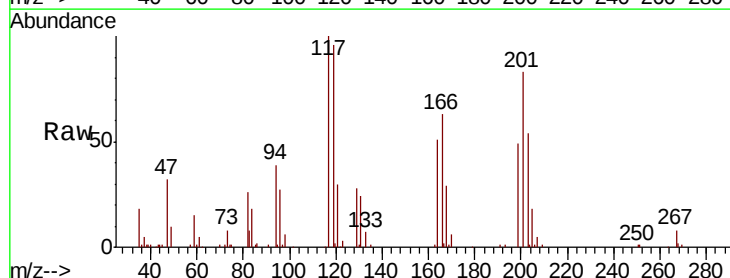
Acq: 10 Sep 2019 23:44

Tgt Ion: 117 Resp: 25902

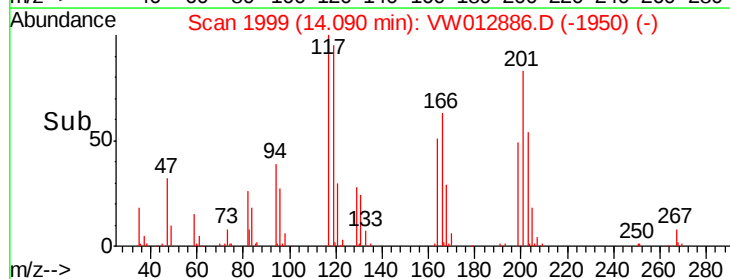
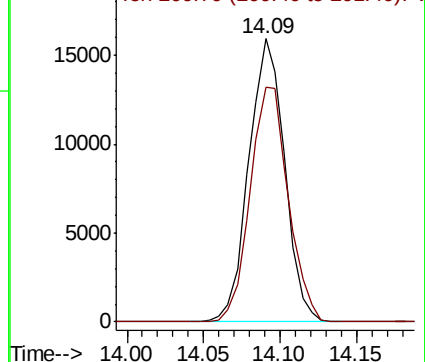
Ion Ratio Lower Upper

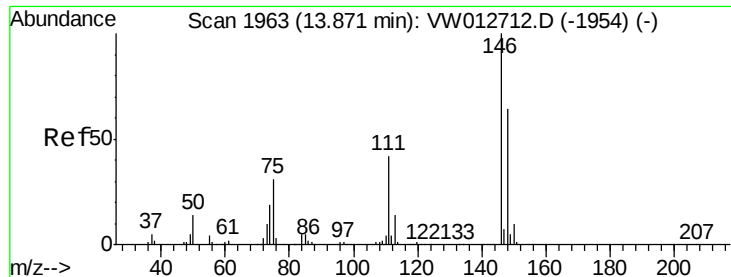
117 100

201 88.4 42.8 128.4



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

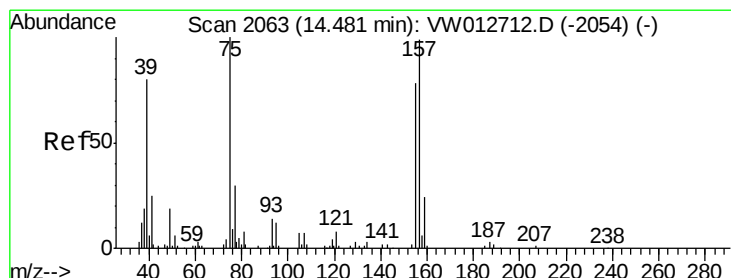
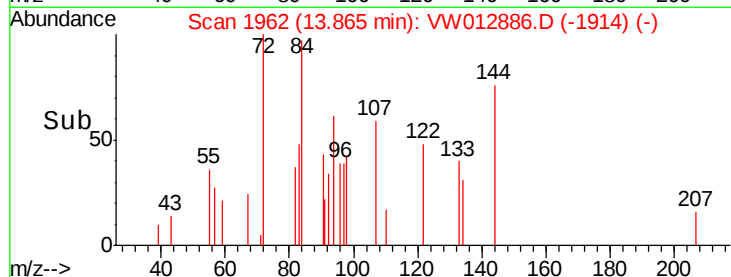
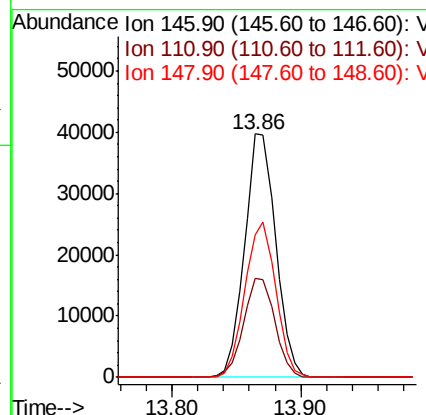
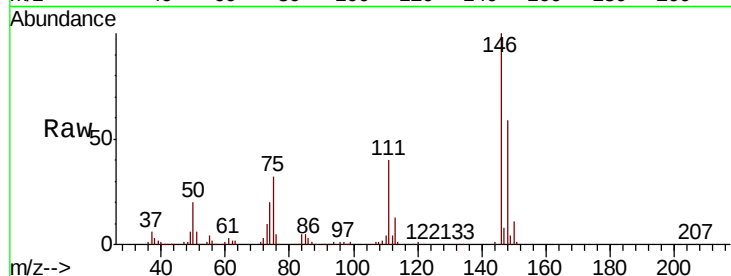




#91
 1,2-Dichlorobenzene
 Concen: 20.228 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

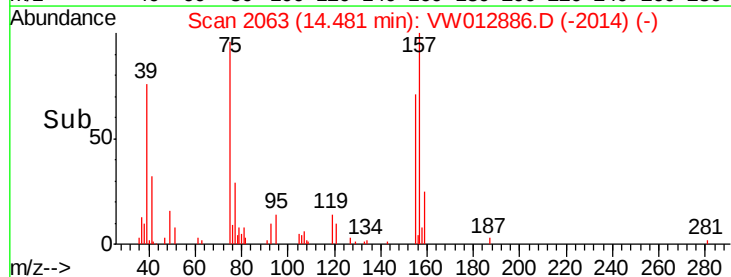
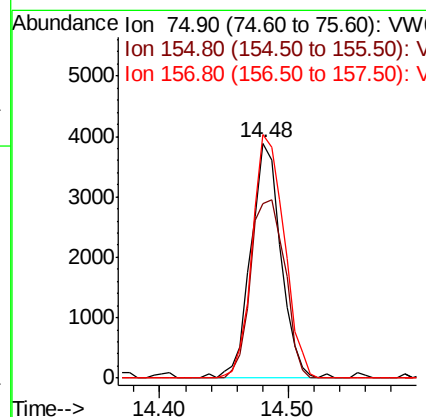
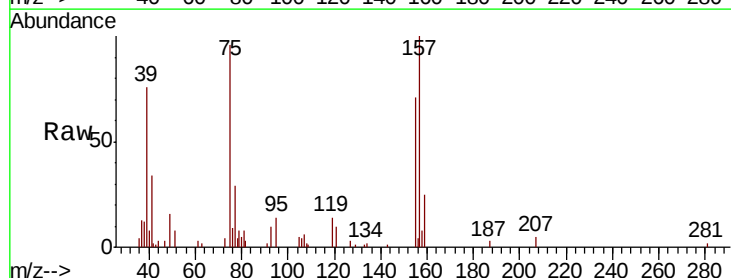
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

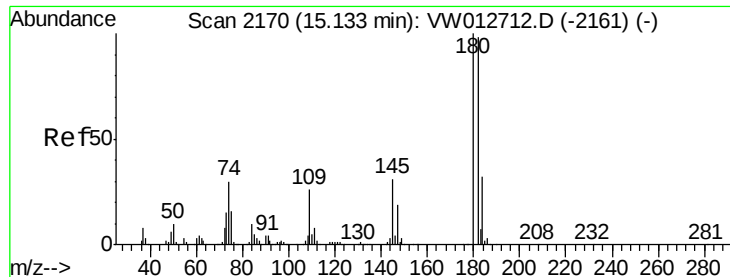
Tgt Ion:146 Resp: 66415
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.3 63.9
 148 62.9 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.693 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 75 Resp: 6230
 Ion Ratio Lower Upper
 75 100
 155 86.8 40.6 122.0
 157 110.0 52.5 157.5

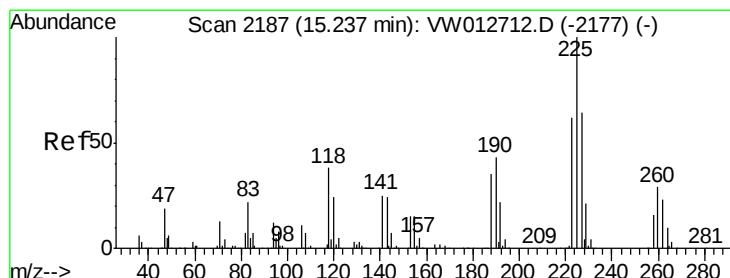
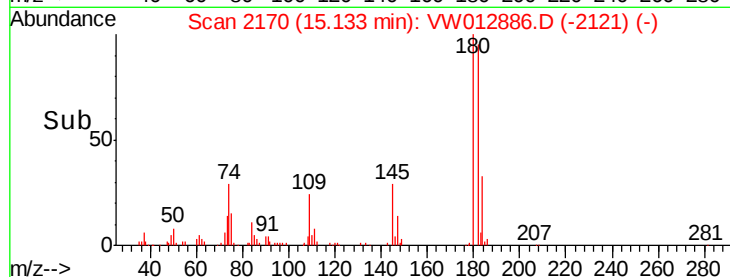
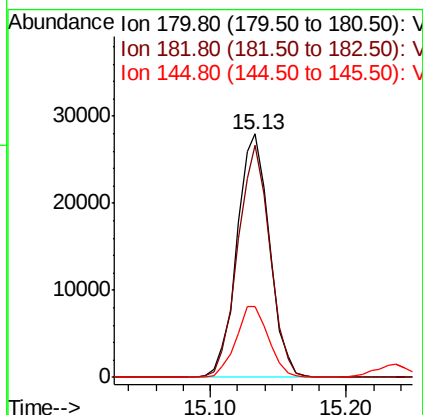
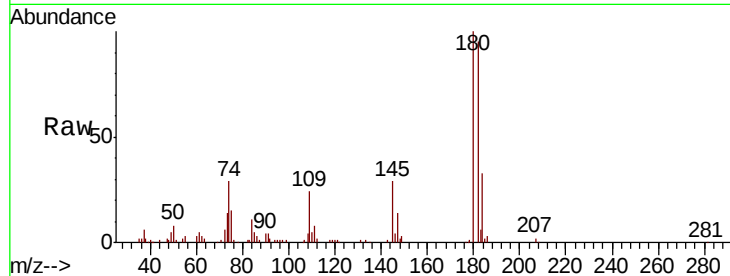




#93
 1,2,4-Trichlorobenzene
 Concen: 20.424 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

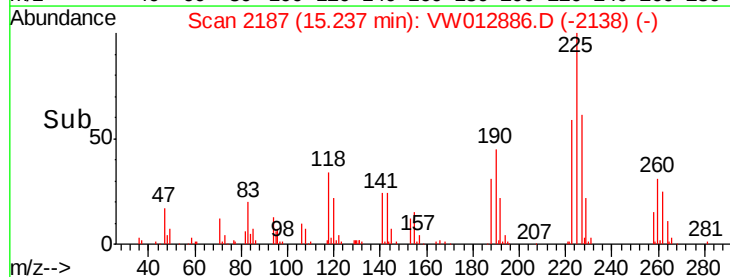
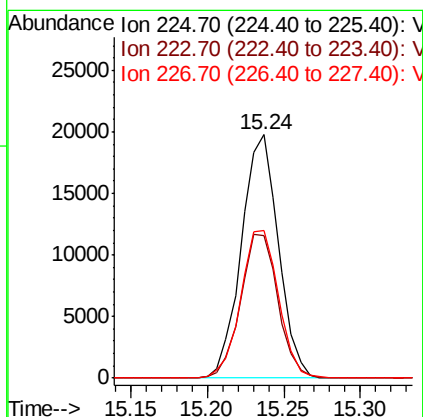
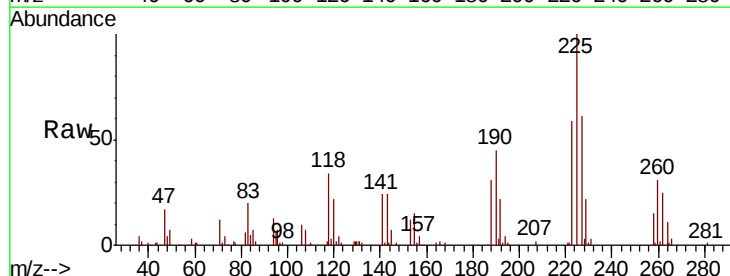
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

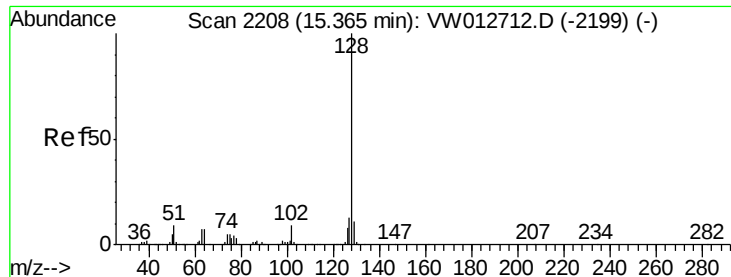
Tgt Ion:180 Resp: 46688
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.7 146.1
 145 29.3 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 20.971 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion:225 Resp: 33181
 Ion Ratio Lower Upper
 225 100
 223 59.8 31.1 93.3
 227 62.1 31.4 94.2

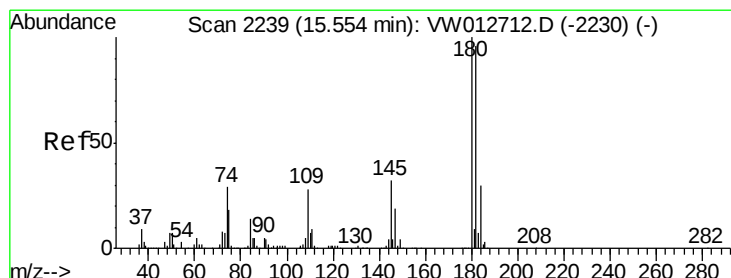
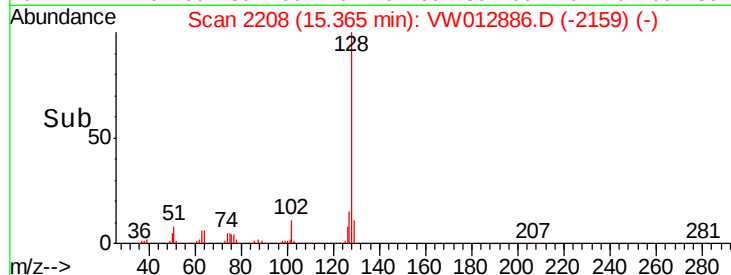
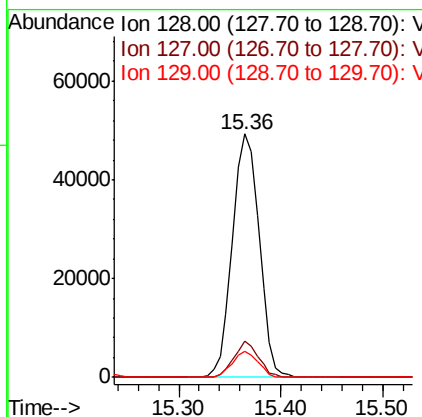
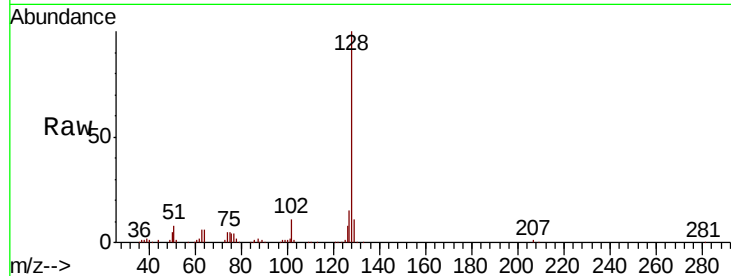




#95
Naphthalene
Concen: 21.501 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tgt Ion:128 Resp: 89721
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.220 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion:180 Resp: 42817
Ion Ratio Lower Upper
180 100
182 96.9 47.8 143.3
145 31.6 15.4 46.2

