

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012629.D
 Acq On : 05 Sep 2019 09:37
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 11:20:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	163825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	285707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	132048	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	136694	70.19	ug/l	0.00
Spiked Amount			Recovery	=	140.38%	
35) Dibromofluoromethane	7.88	113	99597	58.40	ug/l	0.00
Spiked Amount			Recovery	=	116.80%	
50) Toluene-d8	10.32	98	356928	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.62	95	141617	58.10	ug/l	0.00
Spiked Amount			Recovery	=	116.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	44140	43.758	ug/l	99
3) Chloromethane	2.21	50	71945	46.036	ug/l	98
4) Vinyl Chloride	2.36	62	74294	38.840	ug/l	98
5) Bromomethane	2.78	94	49827	51.435	ug/l	94
6) Chloroethane	2.92	64	50688	46.974	ug/l	93
7) Trichlorofluoromethane	3.25	101	41233	42.929	ug/l	92
8) Diethyl Ether	3.68	74	61582	67.548	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	81212	49.743	ug/l	97
10) Methyl Iodide	4.27	142	138037	62.489	ug/l	97
11) Tert butyl alcohol	5.19	59	51453	439.025	ug/l #	82
12) 1,1-Dichloroethene	4.04	96	82439	50.169	ug/l	96
13) Acrolein	3.90	56	33894	307.230	ug/l	100
14) Allyl chloride	4.66	41	199584	56.813	ug/l	98
15) Acrylonitrile	5.37	53	188360	416.831	ug/l	99
16) Acetone	4.13	43	160655	322.719	ug/l	97
17) Carbon Disulfide	4.38	76	220620	44.424	ug/l	98
18) Methyl Acetate	4.67	43	113274	91.868	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	219013	82.417	ug/l	97
20) Methylene Chloride	4.91	84	121234	64.420	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	99982	56.739	ug/l	98
22) Diisopropyl ether	6.31	45	453519	69.647	ug/l	98
23) Vinyl Acetate	6.25	43	1428474	356.459	ug/l	100
24) 1,1-Dichloroethane	6.21	63	224200	63.235	ug/l	99
25) 2-Butanone	7.17	43	262320	387.775	ug/l	99
26) 2,2-Dichloropropane	7.16	77	99899	49.780	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	123236	65.458	ug/l	98
28) Bromochloromethane	7.51	49	99473	64.371	ug/l	95
29) Tetrahydrofuran	7.53	42	172237	424.379	ug/l	99
30) Chloroform	7.67	83	219642	67.712	ug/l	100
31) Cyclohexane	7.95	56	145571	41.499	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	156789	61.101	ug/l	99
36) 1,1-Dichloropropene	8.08	75	143299	48.536	ug/l	99
37) Ethyl Acetate	7.25	43	116007	71.702	ug/l	99
38) Carbon Tetrachloride	8.07	117	133832	52.372	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	140997	42.509	ug/l	98
40) Benzene	8.32	78	452399	56.116	ug/l	100
41) Methacrylonitrile	7.48	41	73643	77.446	ug/l	98
42) 1,2-Dichloroethane	8.40	62	179397	71.002	ug/l	100
43) Isopropyl Acetate	8.42	43	223146	74.460	ug/l	99
44) Trichloroethene	9.09	130	109083	55.660	ug/l	93
45) 1,2-Dichloropropane	9.37	63	131355	60.541	ug/l	98
46) Dibromomethane	9.46	93	67540	69.963	ug/l	96
47) Bromodichloromethane	9.64	83	174405	67.882	ug/l	96
48) Methyl methacrylate	9.43	41	115810	81.193	ug/l	96
49) 1,4-Dioxane	9.47	88	21299	1441.208	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	595306	390.545	ug/l	100
52) Toluene	10.38	92	281232	58.068	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	172670	65.978	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	195019	61.715	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	96157	70.401	ug/l	99
56) Ethyl methacrylate	10.65	69	148525	74.715	ug/l	99
57) 1,3-Dichloropropane	10.93	76	179471	69.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	375868	368.416	ug/l	98
59) 2-Hexanone	10.97	43	402193	372.906	ug/l	100
60) Dibromochloromethane	11.13	129	110717	72.776	ug/l	99
61) 1,2-Dibromoethane	11.23	107	90857	71.402	ug/l	99
64) Tetrachloroethene	10.86	164	104480	60.979	ug/l	99
65) Chlorobenzene	11.66	112	299759	57.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	113997	62.794	ug/l	98
67) Ethyl Benzene	11.73	91	547607	54.628	ug/l	99
68) m/p-Xylenes	11.84	106	394156	109.158	ug/l	99
69) o-Xylene	12.16	106	191741	57.373	ug/l	98
70) Styrene	12.18	104	349179	60.363	ug/l	99
71) Bromoform	12.35	173	65685	72.621	ug/l #	100
73) Isopropylbenzene	12.46	105	509280	51.471	ug/l	99
74) N-amyl acetate	12.27	43	190300	63.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	116157	64.035	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	156295	121.531	ug/l #	100
77) Bromobenzene	12.74	156	127558	59.590	ug/l	99
78) n-propylbenzene	12.80	91	610563	50.547	ug/l	99
79) 2-Chlorotoluene	12.89	91	372723	54.349	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	450847	54.530	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35160	59.943	ug/l	96
82) 4-Chlorotoluene	12.99	91	391653	54.542	ug/l	100
83) tert-Butylbenzene	13.21	119	376788	53.800	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	460446	55.440	ug/l	99
85) sec-Butylbenzene	13.38	105	501259	49.957	ug/l	100
86) p-Isopropyltoluene	13.50	119	462243	51.585	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	239857	57.288	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	236652	56.925	ug/l	100
89) n-Butylbenzene	13.82	91	435851	48.912	ug/l	99
90) Hexachloroethane	14.09	117	84564	53.789	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	222523	60.583	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22559	73.769	ug/l	98

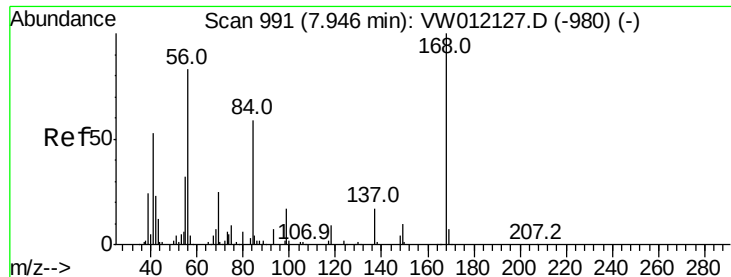
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	150553	59.313	ug/l	99
94) Hexachlorobutadiene	15.24	225	89585	53.451	ug/l	98
95) Naphthalene	15.36	128	321911	63.366	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	140100	63.263	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: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

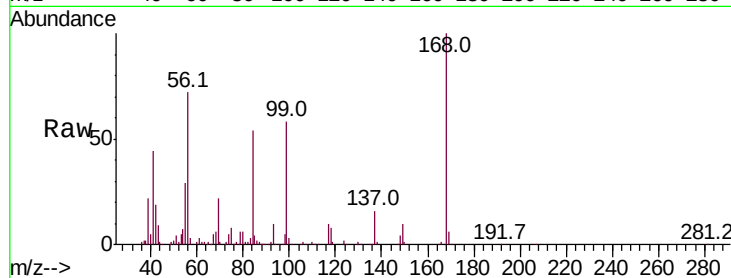
ClientSampleId :

Tot Ion:168 Resp: 163825

Ion Ratio Lower Upper

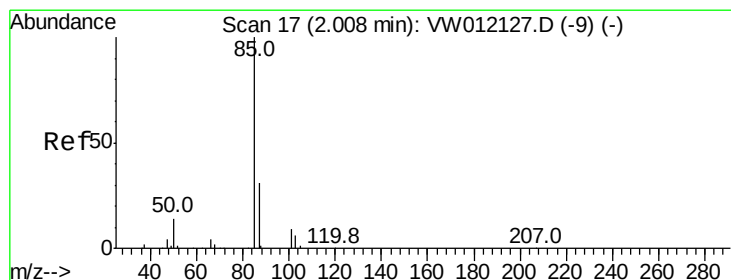
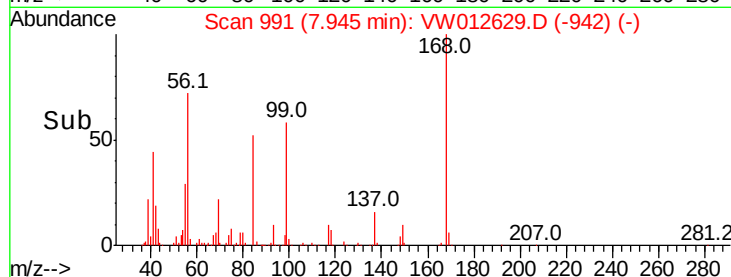
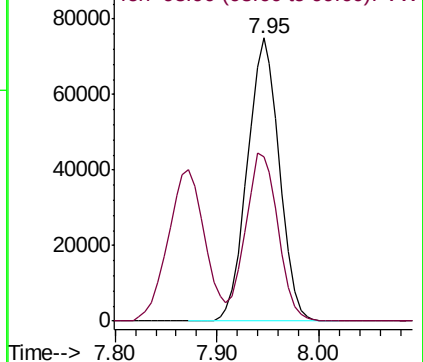
168 100

99 57.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 43.758 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012629.D

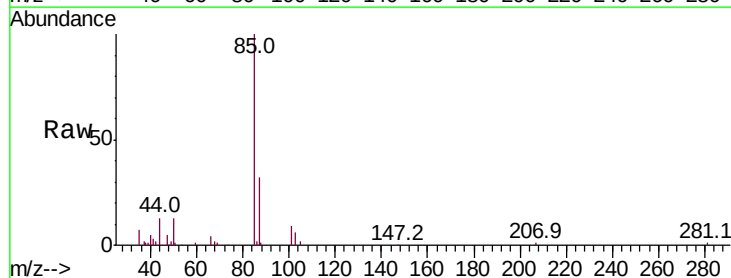
Acq: 05 Sep 2019 09:37

Tgt Ion: 85 Resp: 44140

Ion Ratio Lower Upper

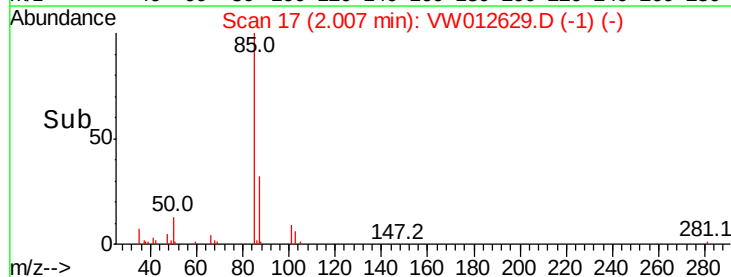
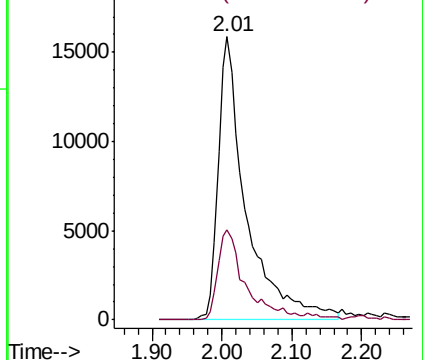
85 100

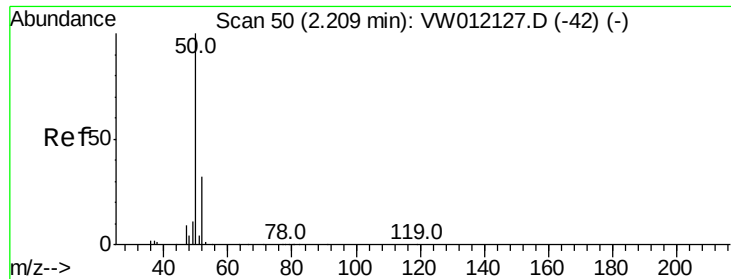
87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.036 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

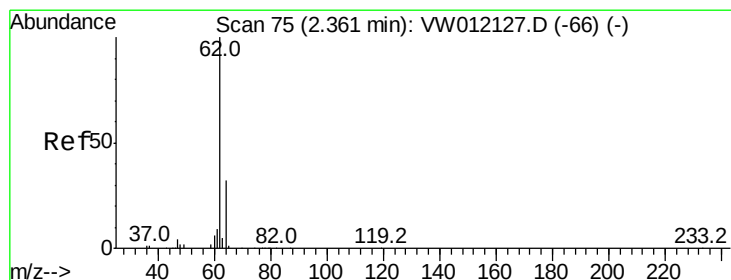
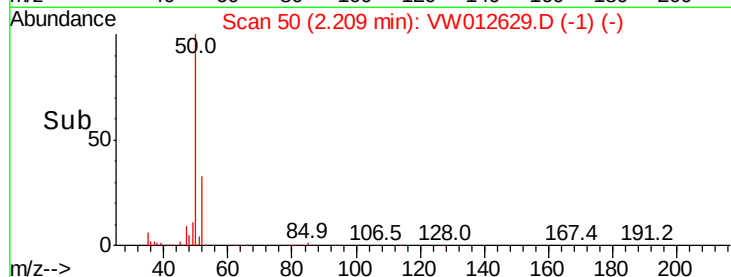
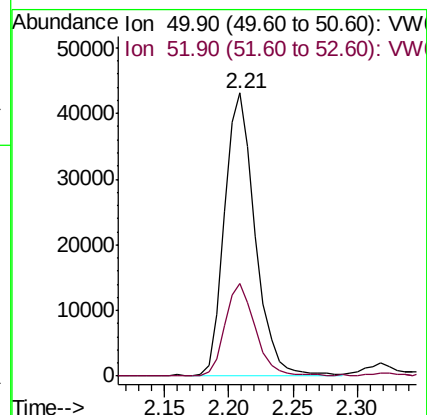
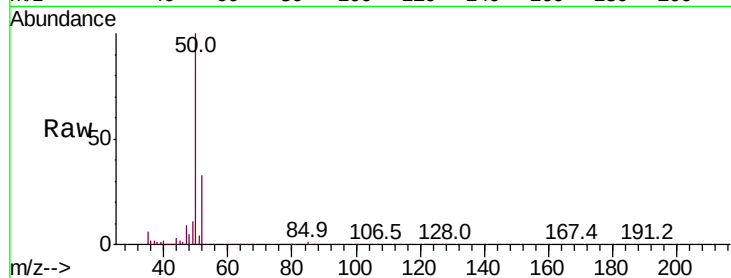
ClientSampleId :

Tot Ion: 50 Resp: 71945

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 38.840 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012629.D

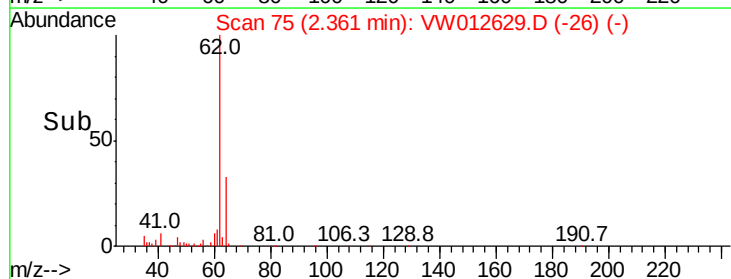
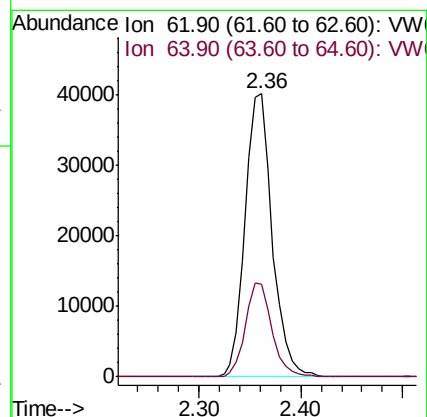
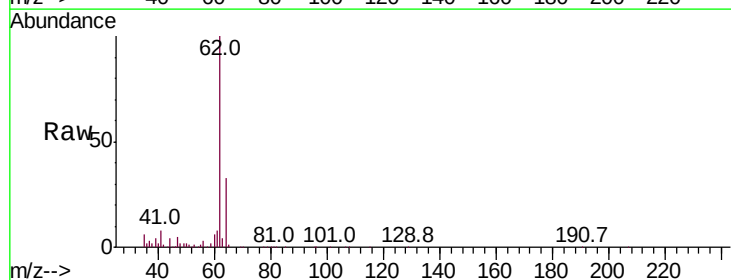
Acq: 05 Sep 2019 09:37

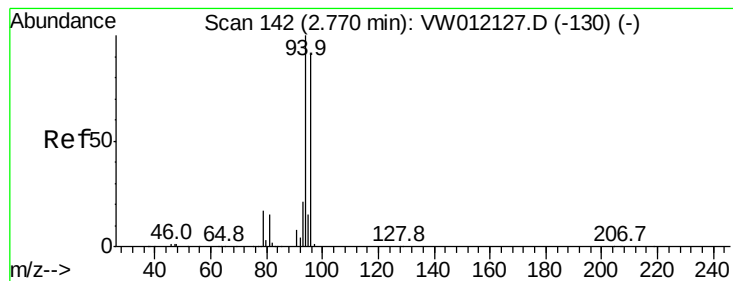
Tgt Ion: 62 Resp: 74294

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 51.435 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

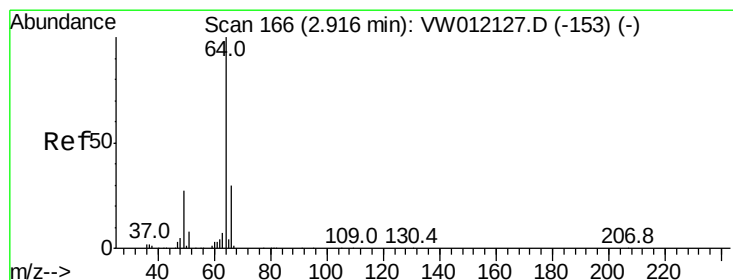
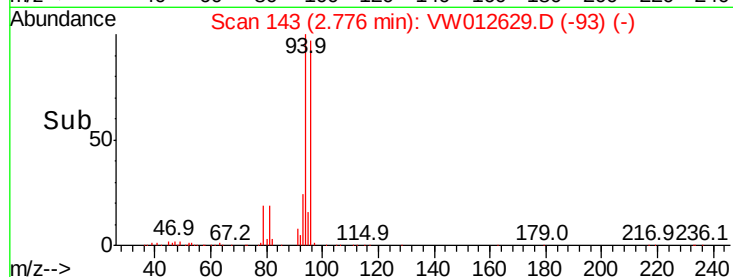
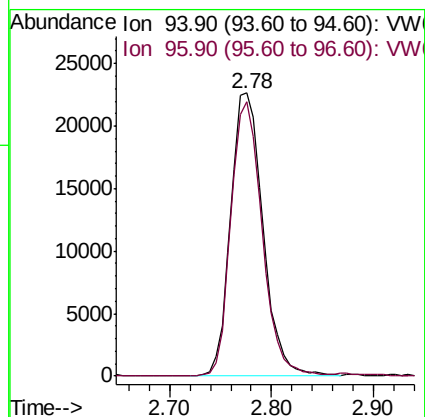
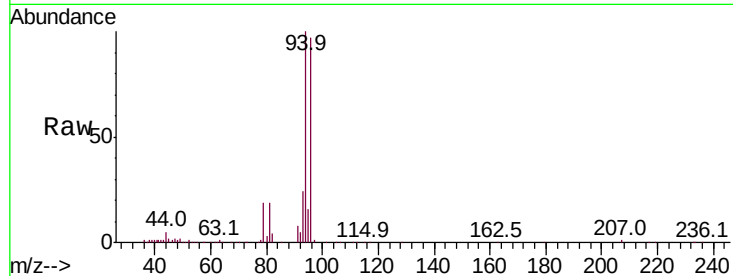
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 49827

Ion Ratio Lower Upper

94 100

96 96.8 72.9 109.3



#6

Chloroethane

Concen: 46.974 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012629.D

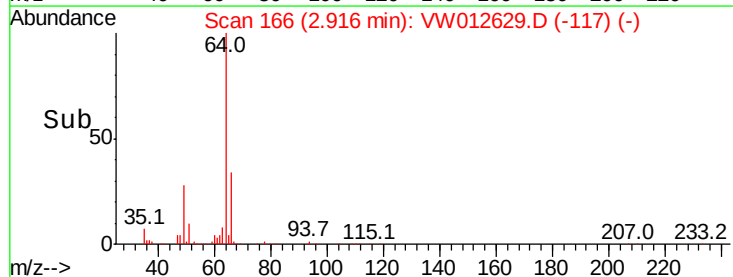
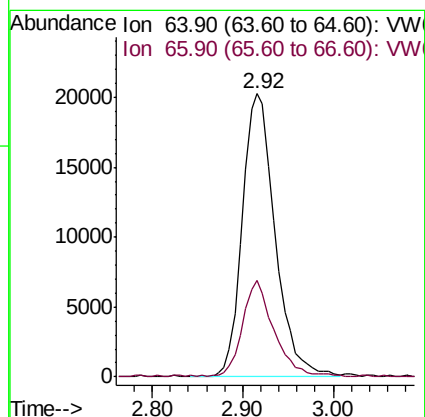
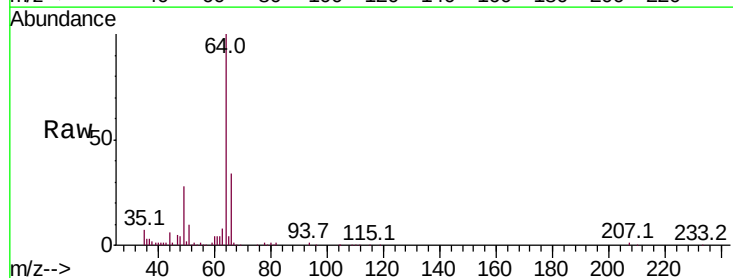
Acq: 05 Sep 2019 09:37

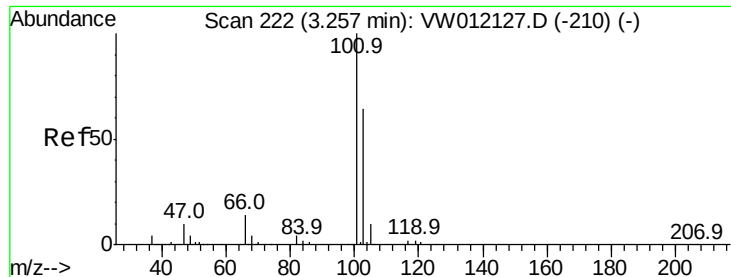
Tgt Ion: 64 Resp: 50688

Ion Ratio Lower Upper

64 100

66 33.5 23.8 35.8



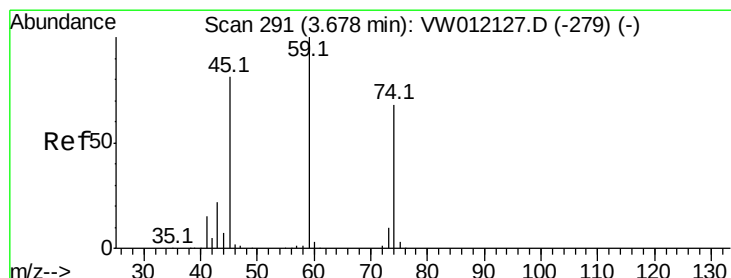
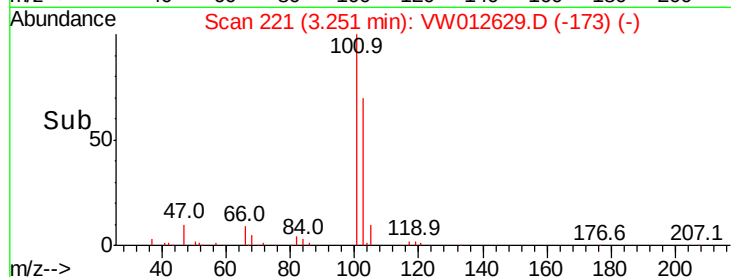
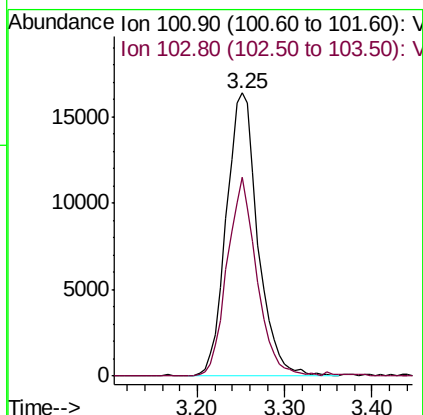
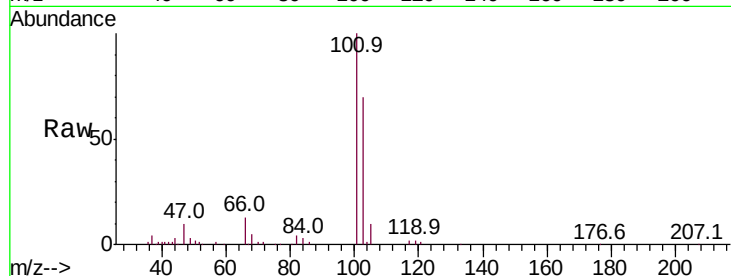


#7

Trichlorofluoromethane
Concen: 42.929 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Instrument :
MSVOA_W
ClientSampleId :

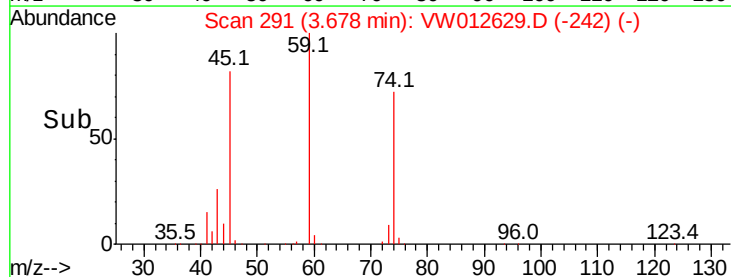
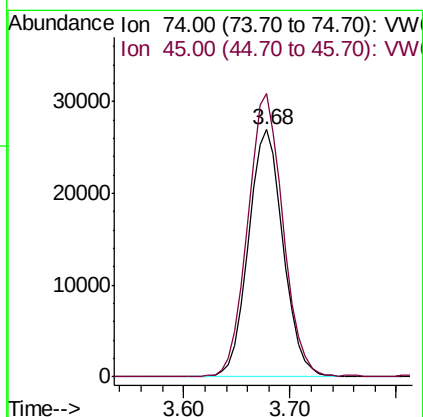
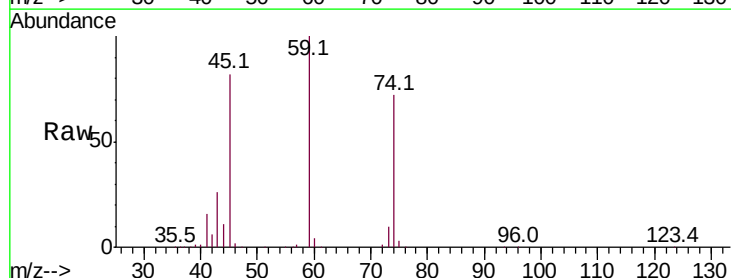
Tot Ion:101 Resp: 41233
Ion Ratio Lower Upper
101 100
103 70.4 51.2 76.8

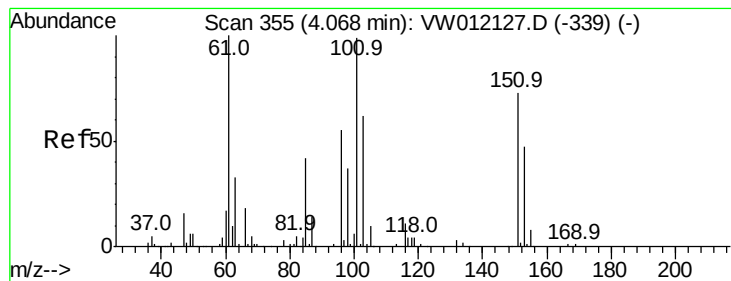


#8

Diethyl Ether
Concen: 67.548 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 74 Resp: 61582
Ion Ratio Lower Upper
74 100
45 116.6 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.743 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

ClientSampled :

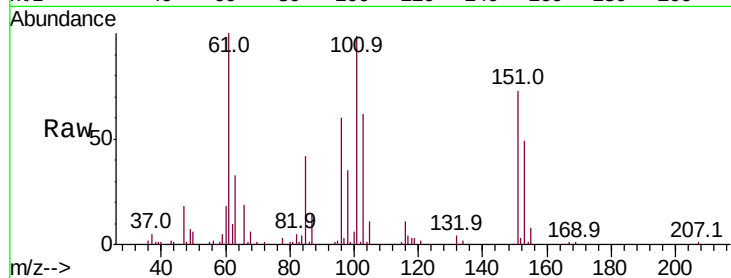
Tot Ion:101 Resp: 81212

Ion Ratio Lower Upper

101 100

85 46.0 35.8 53.6

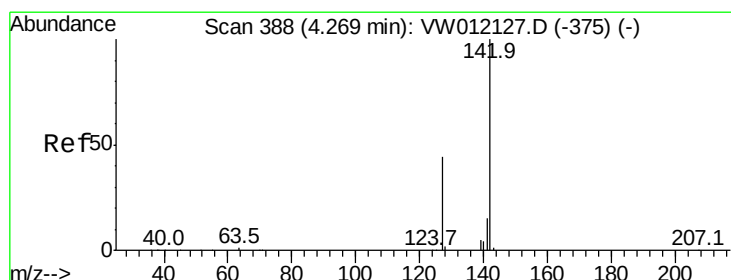
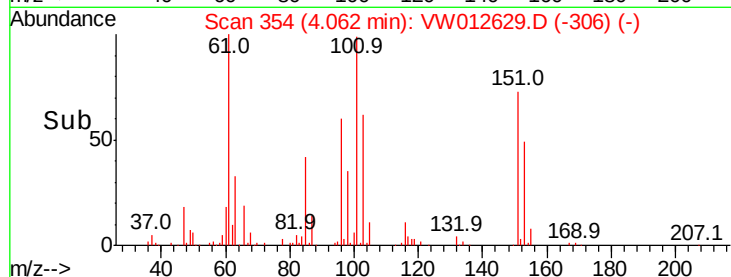
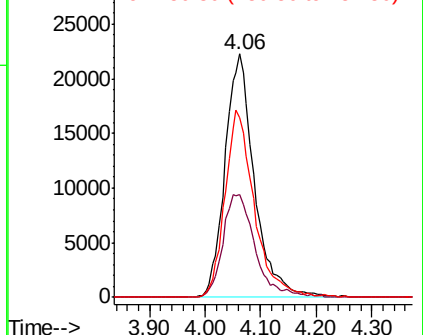
151 76.8 58.6 87.8



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: 62.489 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

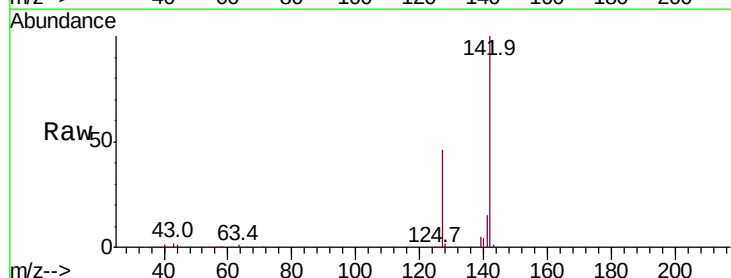
Tgt Ion:142 Resp: 138037

Ion Ratio Lower Upper

142 100

127 46.6 35.5 53.3

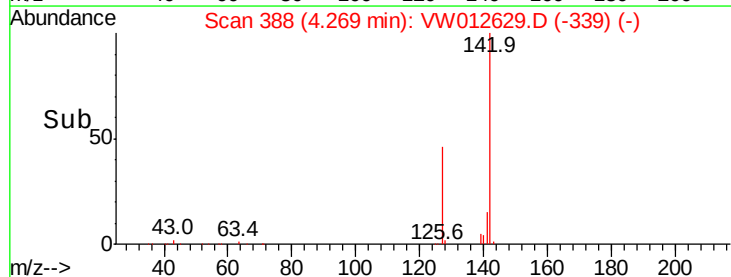
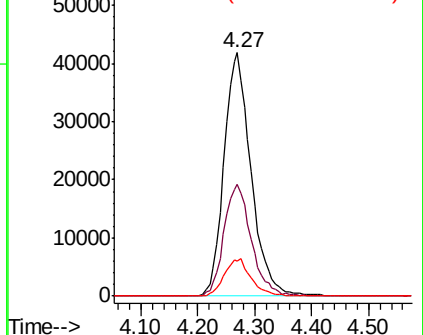
141 15.3 11.8 17.8

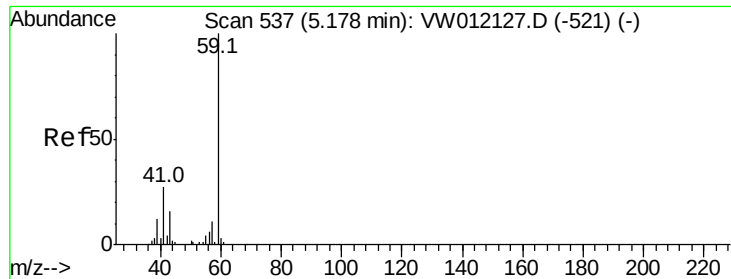


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

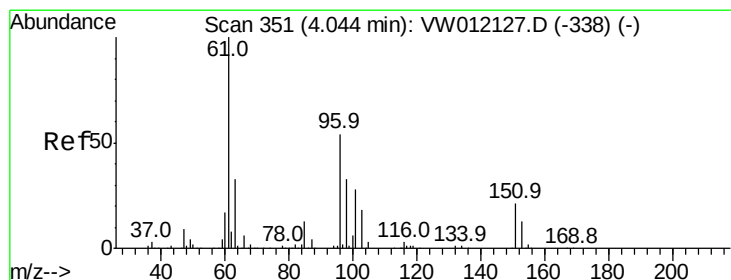
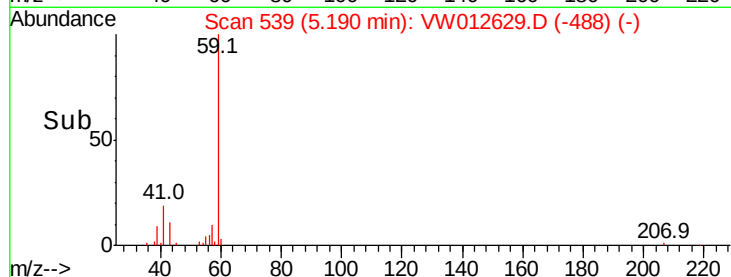
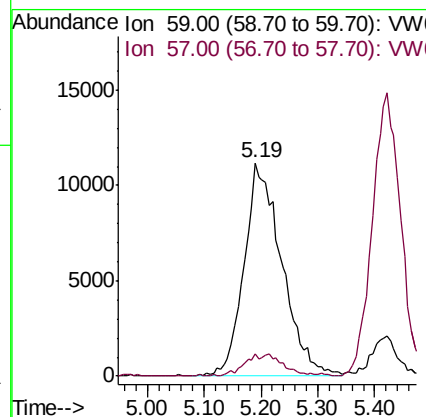
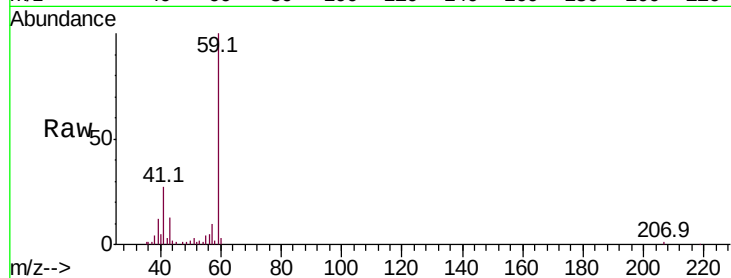




#11
Tert butyl alcohol
Concen: 439.025 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.01 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

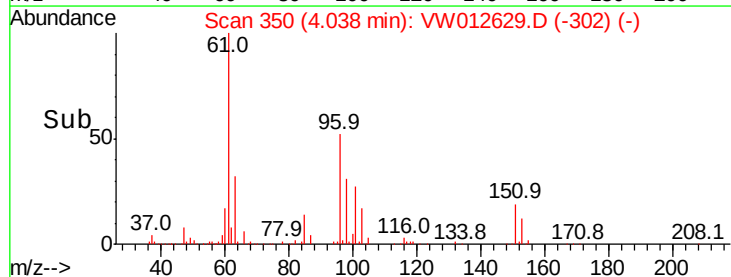
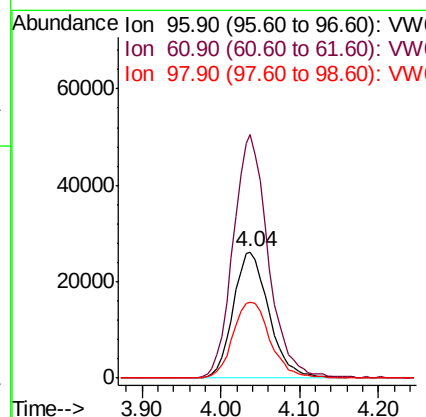
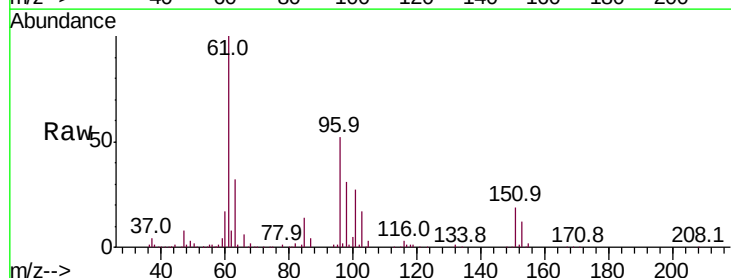
Instrument :
MSVOA_W
ClientSampleId :

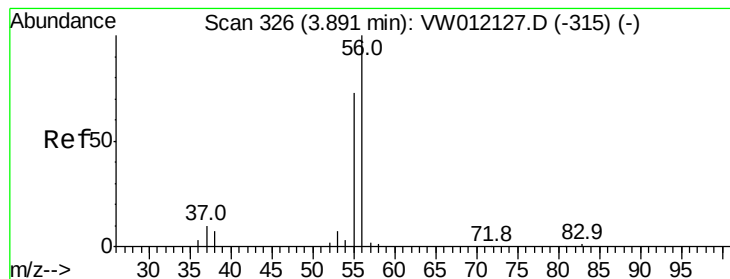
Tot Ion: 59 Resp: 51453
Ion Ratio Lower Upper
59 100
57 4.4 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 50.169 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 96 Resp: 82439
Ion Ratio Lower Upper
96 100
61 193.4 149.1 223.7
98 60.7 49.4 74.2





#13

Acrolein

Concen: 307.230 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

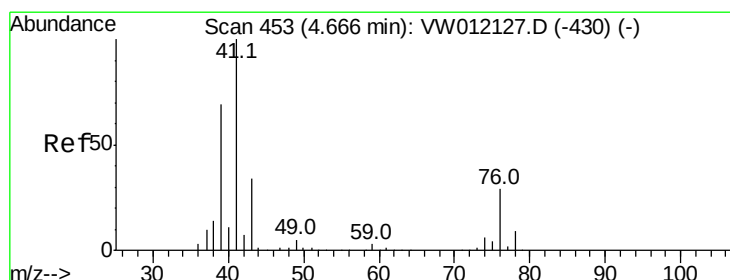
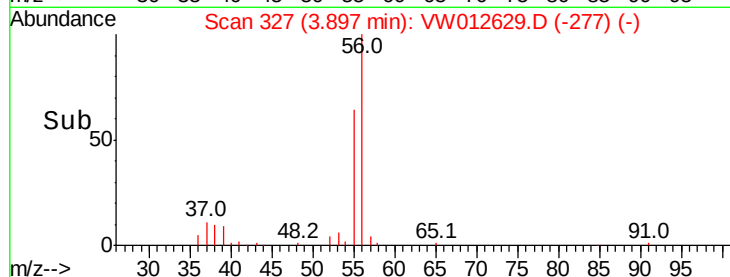
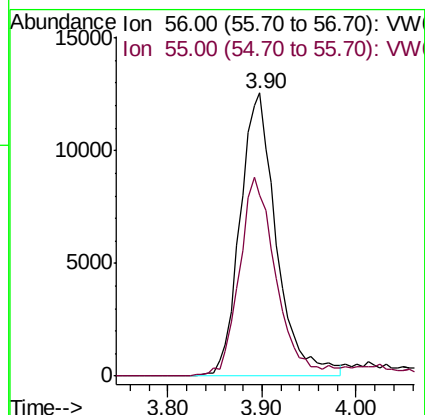
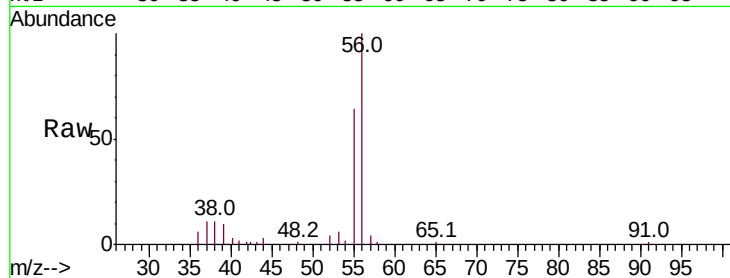
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 33894

Ion Ratio Lower Upper

56 100

55 70.1 55.8 83.8



#14

Allyl chloride

Concen: 56.813 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

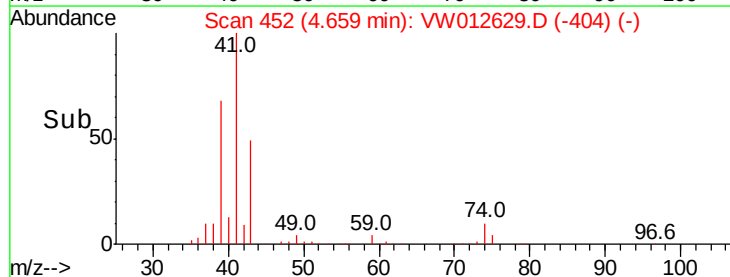
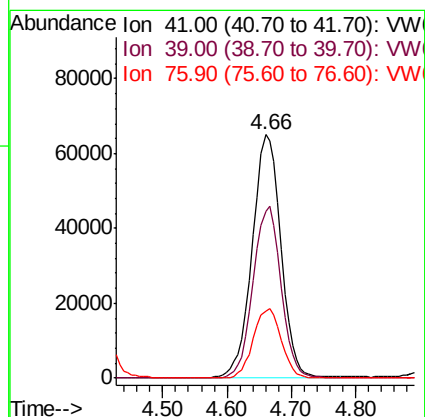
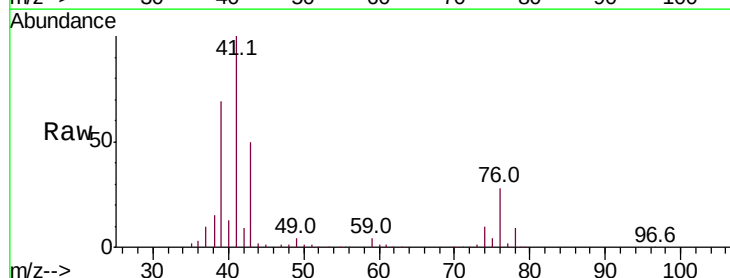
Tgt Ion: 41 Resp: 199584

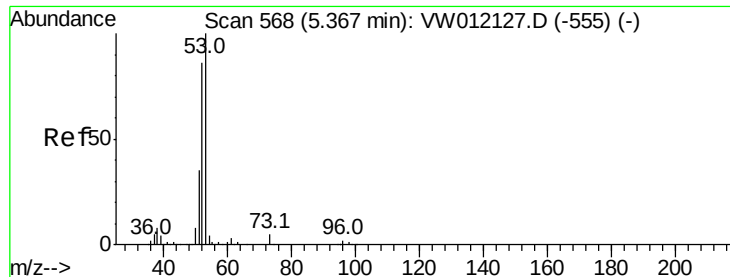
Ion Ratio Lower Upper

41 100

39 68.6 53.4 80.2

76 27.8 22.1 33.1





#15

Acrylonitrile

Concen: 416.831 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

ClientSampleId :

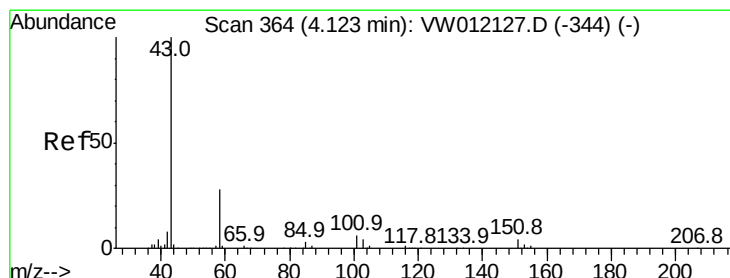
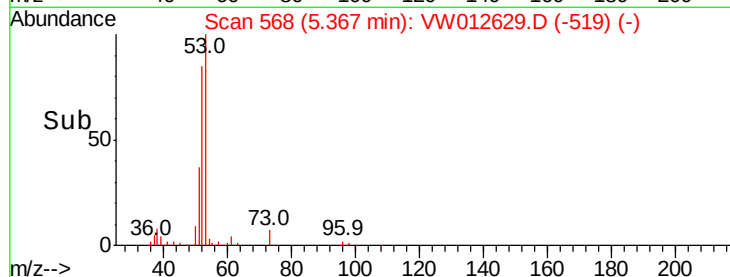
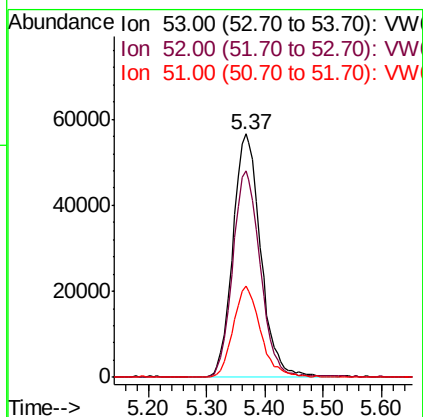
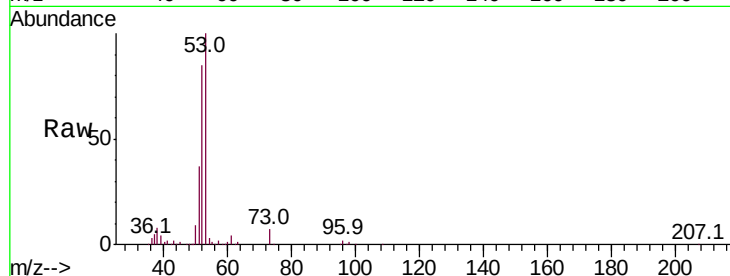
Tot Ion: 53 Resp: 188360

Ion Ratio Lower Upper

53 100

52 83.9 66.7 100.1

51 37.0 30.1 45.1



#16

Acetone

Concen: 322.719 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012629.D

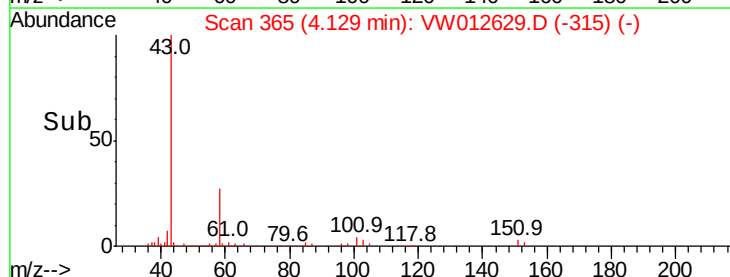
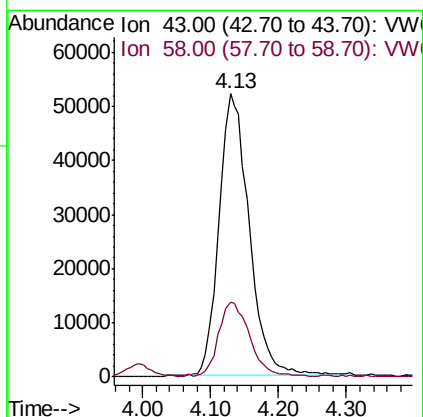
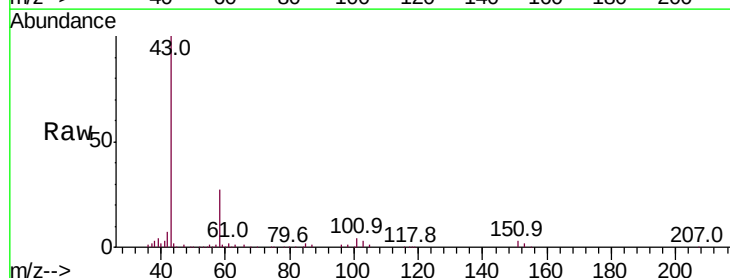
Acq: 05 Sep 2019 09:37

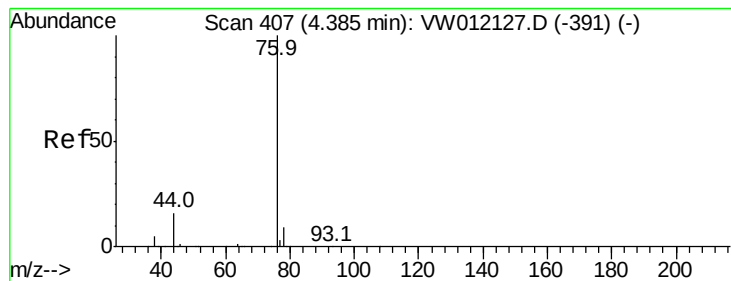
Tgt Ion: 43 Resp: 160655

Ion Ratio Lower Upper

43 100

58 26.4 22.4 33.6





#17

Carbon Disulfide

Concen: 44.424 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

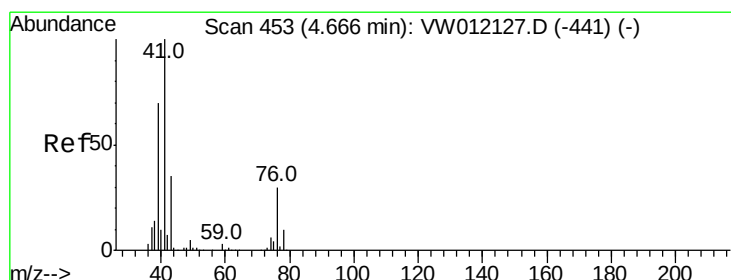
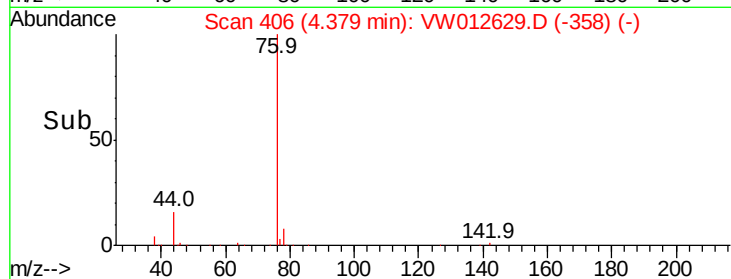
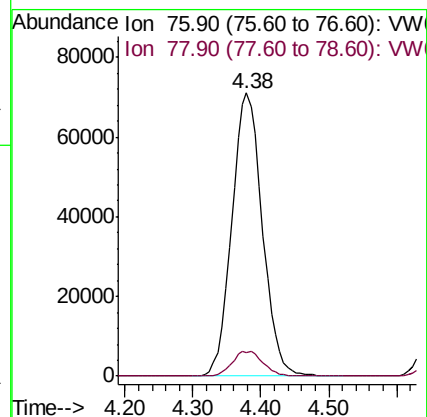
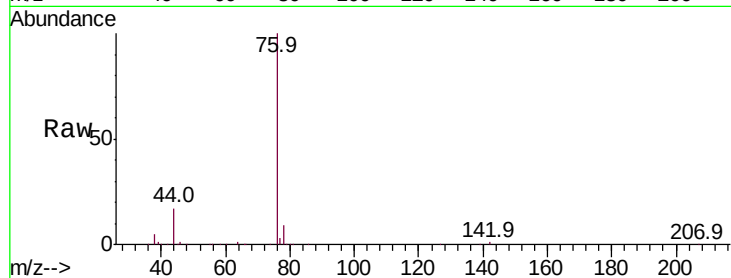
ClientSampleId :

Tot Ion: 76 Resp: 220620

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



#18

Methyl Acetate

Concen: 91.868 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012629.D

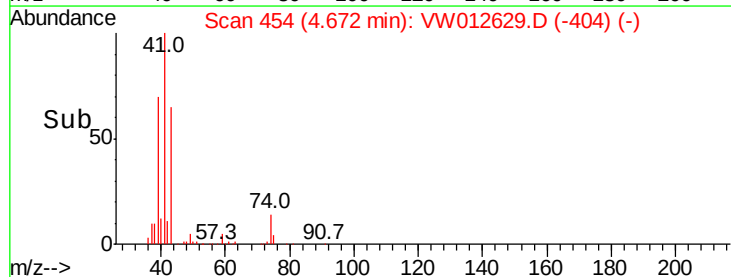
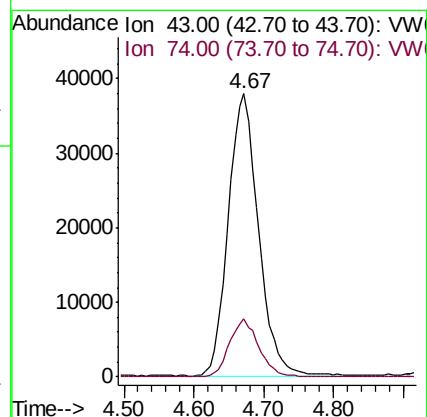
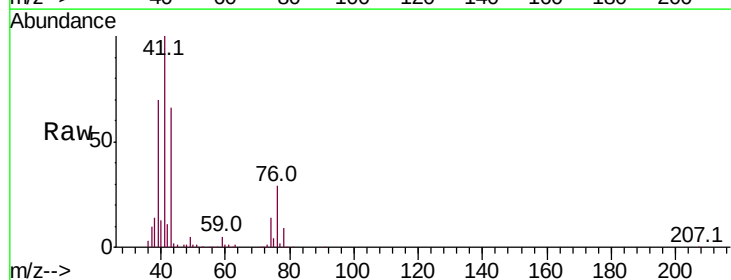
Acq: 05 Sep 2019 09:37

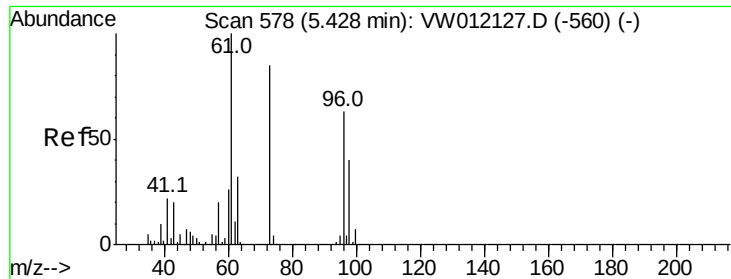
Tgt Ion: 43 Resp: 113274

Ion Ratio Lower Upper

43 100

74 20.1 15.7 23.5

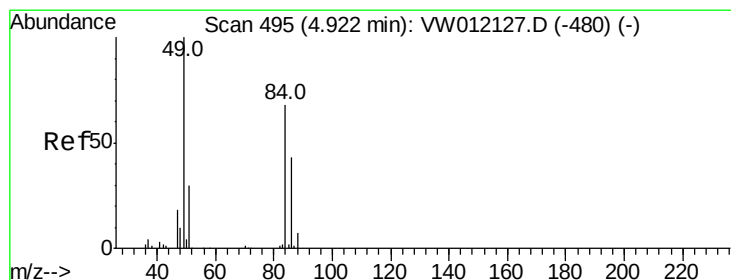
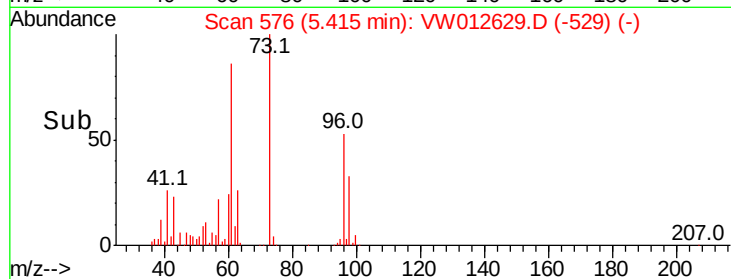
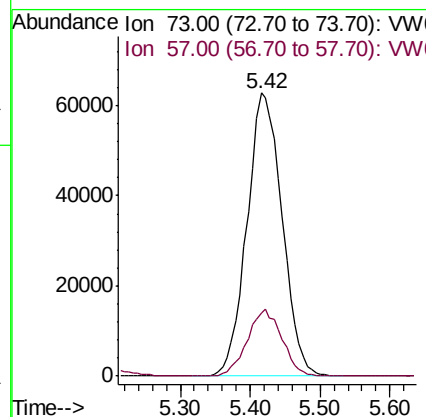
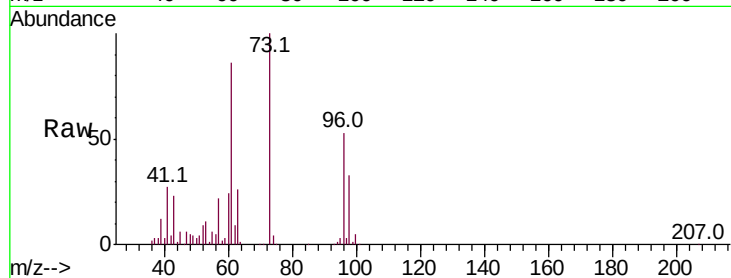




#19
Methyl tert-butyl Ether
Concen: 82.417 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

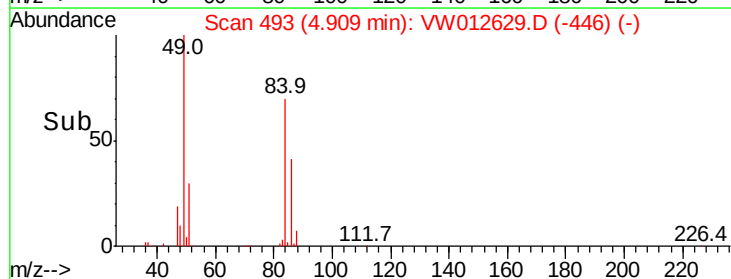
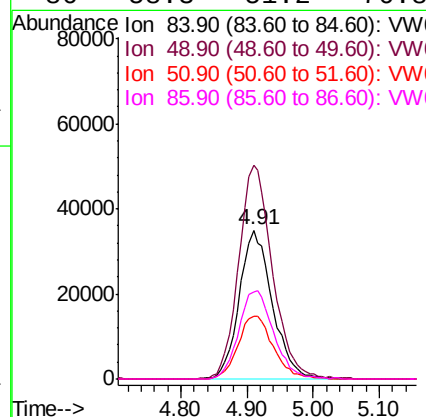
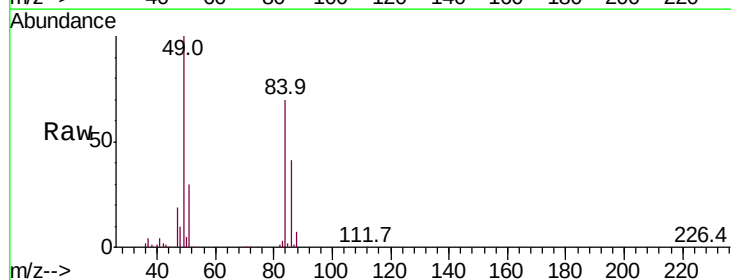
Instrument :
MSVOA_W
ClientSampled :

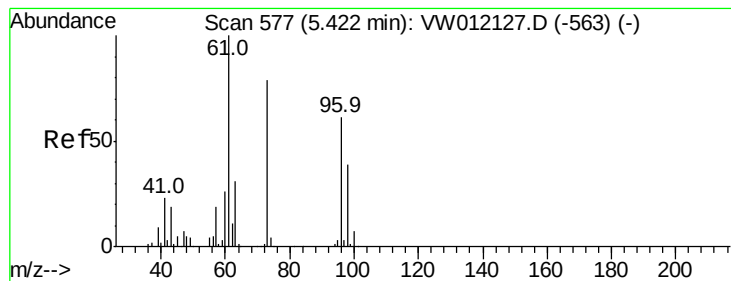
Tot Ion: 73 Resp: 219013
Ion Ratio Lower Upper
73 100
57 22.4 18.9 28.3



#20
Methylene Chloride
Concen: 64.420 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 84 Resp: 121234
Ion Ratio Lower Upper
84 100
49 143.3 117.8 176.8
51 42.3 35.6 53.4
86 58.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 56.739 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :
MSVOA_W
ClientSampleId :

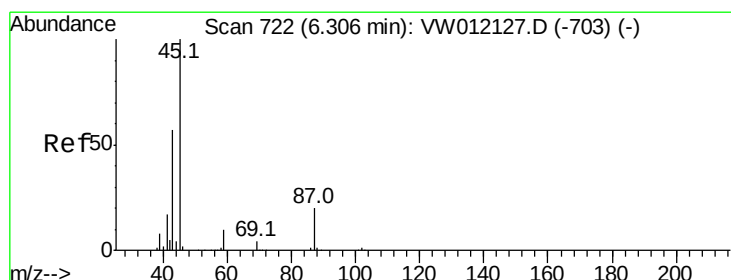
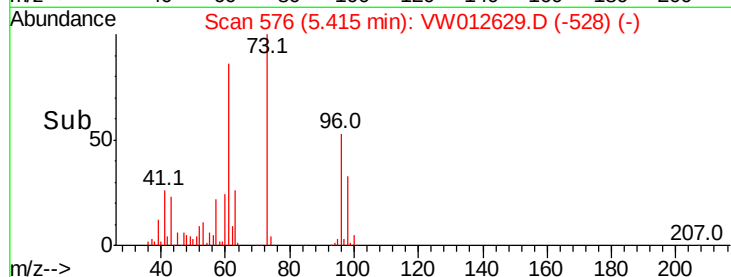
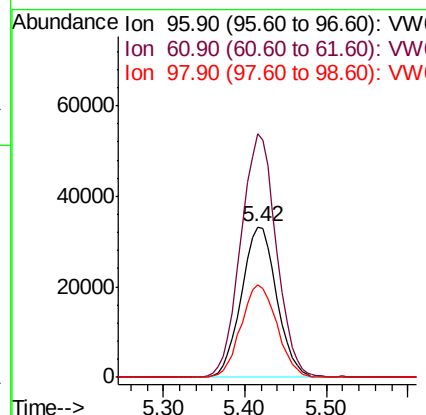
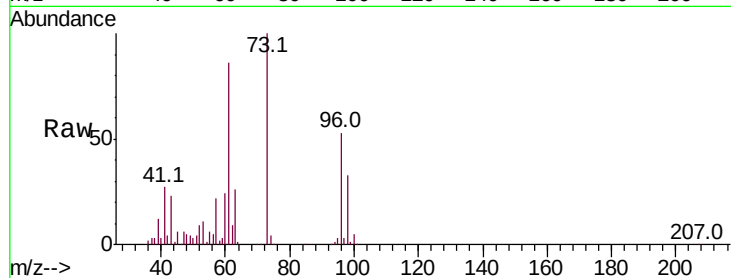
Tot Ion: 96 Resp: 99982

Ion Ratio Lower Upper

96 100

61 161.6 131.4 197.0

98 61.7 51.4 77.0



#22

Diisopropyl ether

Concen: 69.647 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Tgt Ion: 45 Resp: 453519

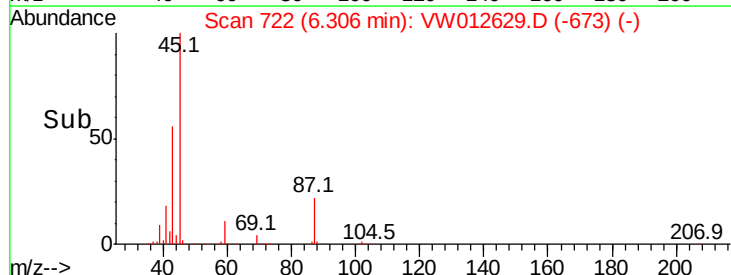
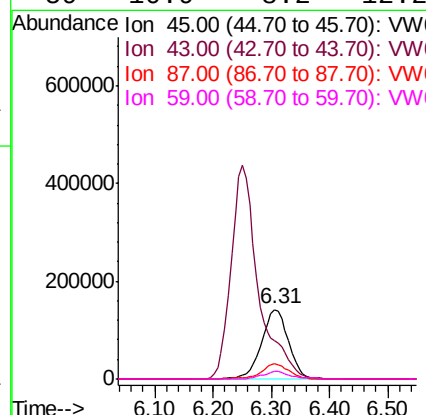
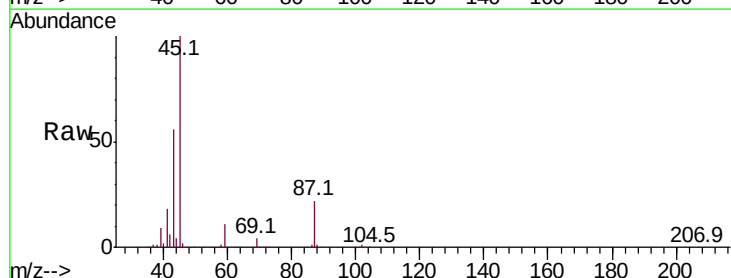
Ion Ratio Lower Upper

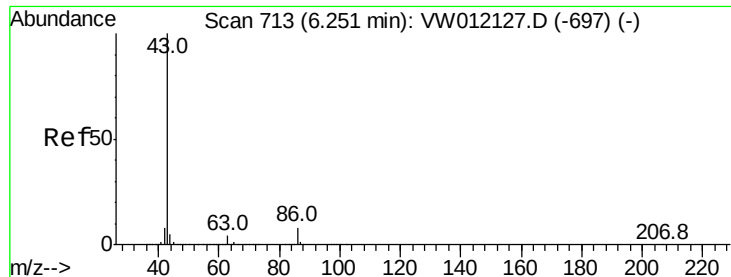
45 100

43 56.1 45.5 68.3

87 22.1 16.1 24.1

59 10.9 8.2 12.2





#23

Vinyl Acetate

Concen: 356.459 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

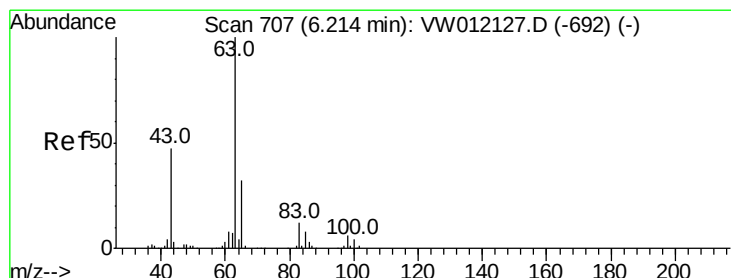
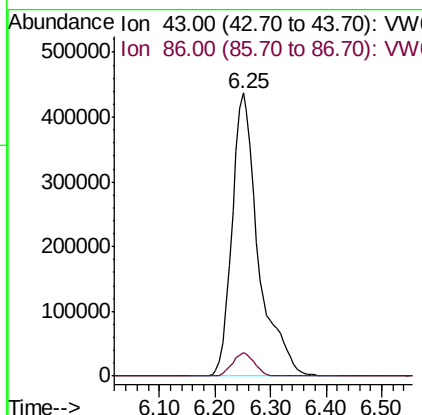
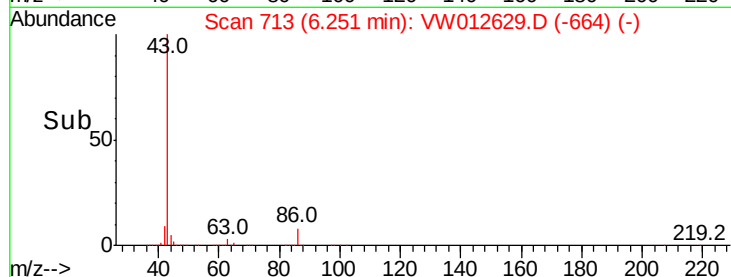
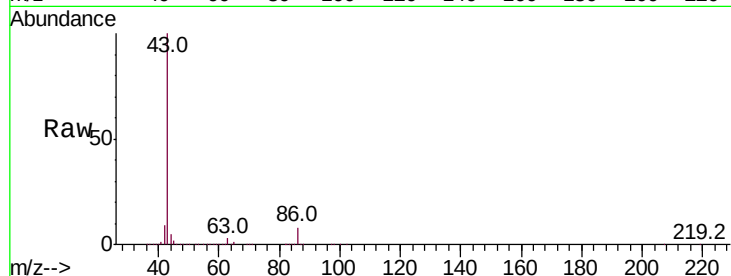
ClientSampleId :

Tot Ion: 43 Resp: 1428474

Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7



#24

1,1-Dichloroethane

Concen: 63.235 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

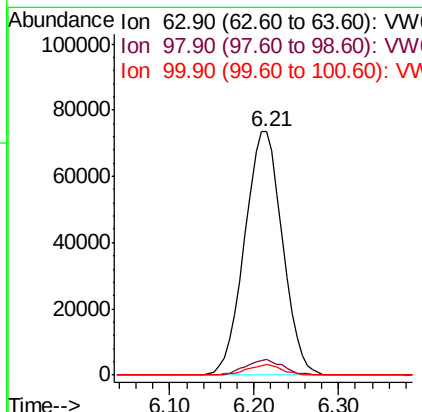
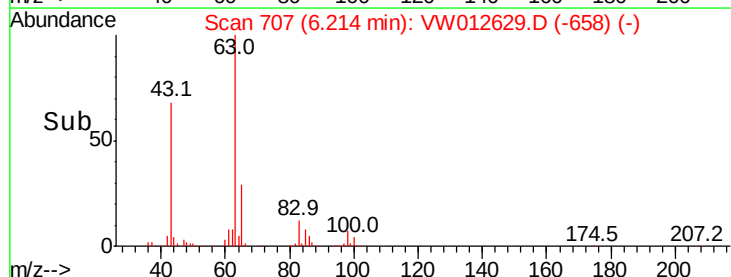
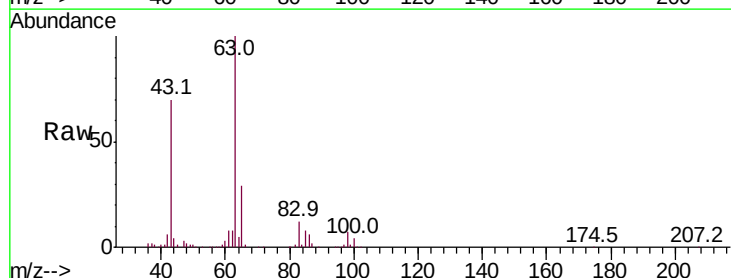
Tgt Ion: 63 Resp: 224200

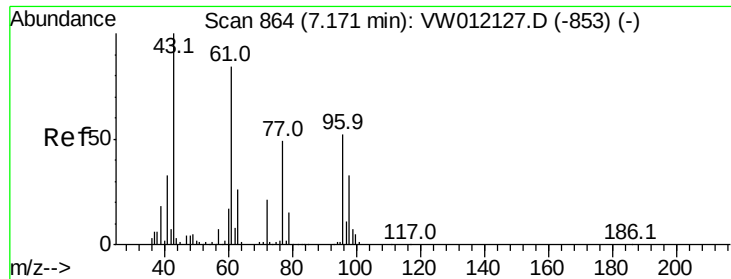
Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 387.775 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

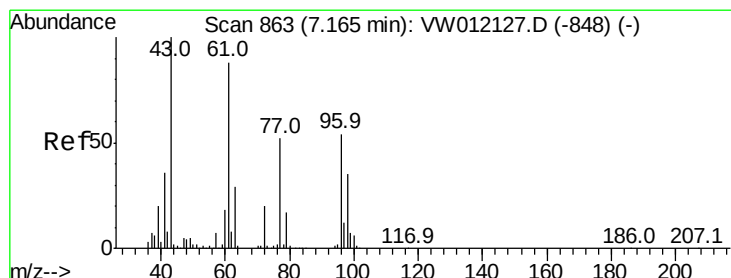
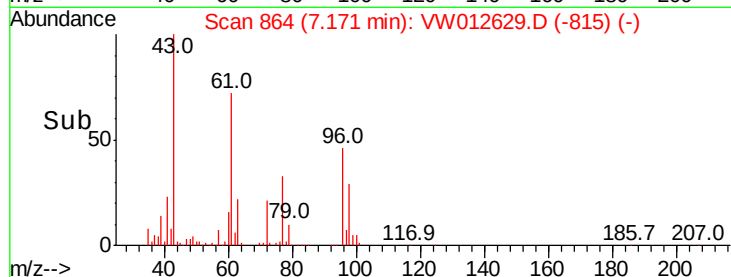
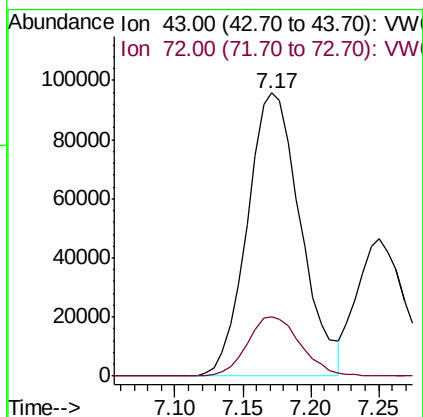
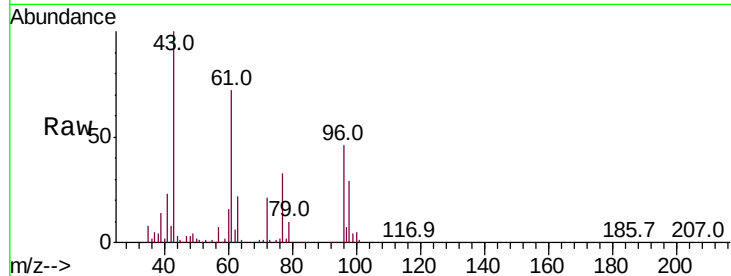
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 262320

Ion Ratio Lower Upper

43 100

72 21.1 16.6 24.8



#26

2,2-Dichloropropane

Concen: 49.780 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012629.D

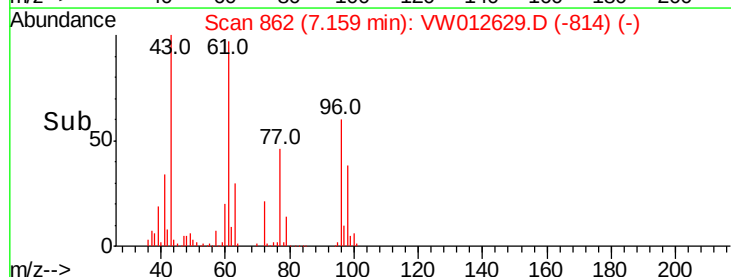
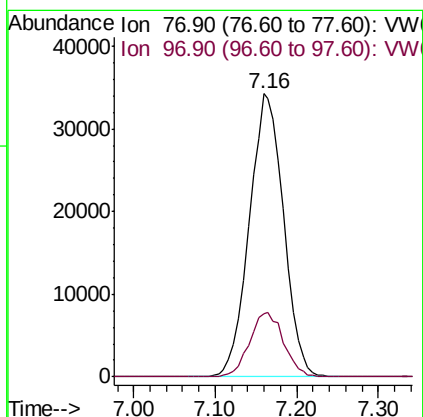
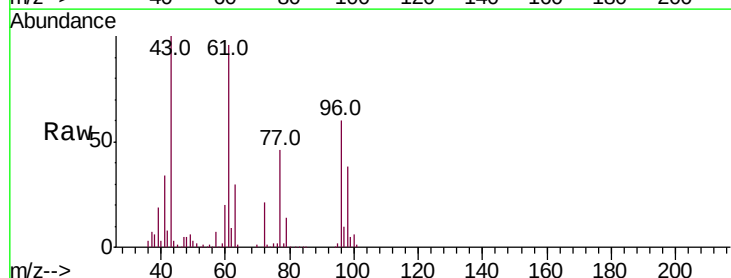
Acq: 05 Sep 2019 09:37

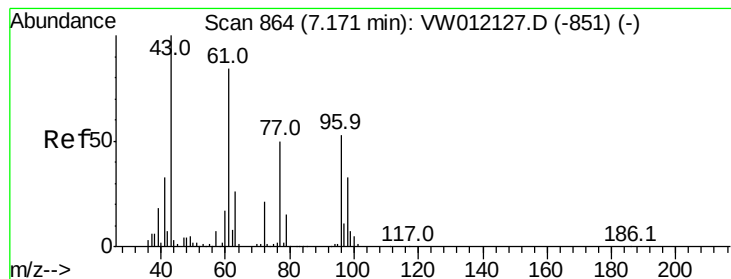
Tgt Ion: 77 Resp: 99899

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.1



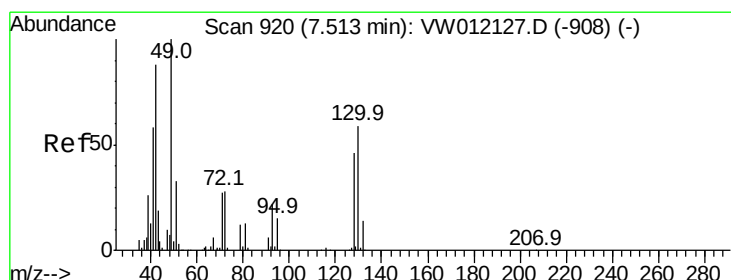
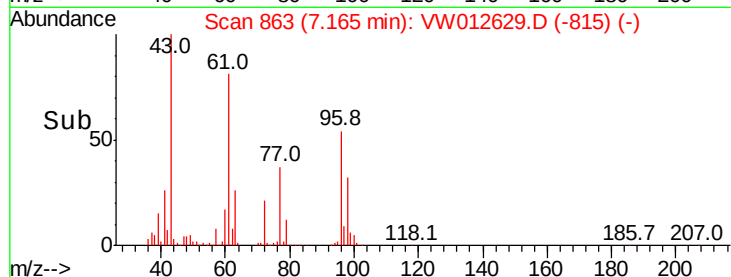
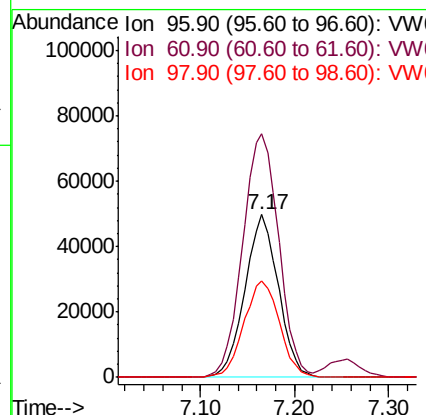
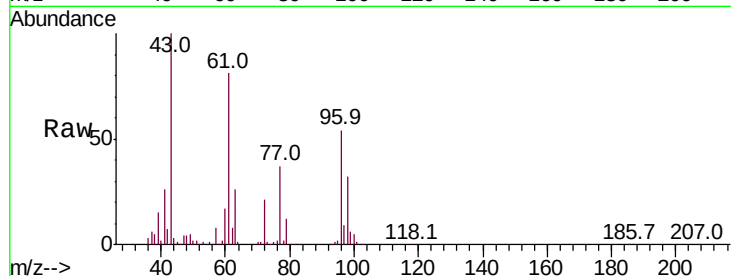


#27

cis-1,2-Dichloroethene
 Concen: 65.458 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Instrument :
 MSVOA_W
 ClientSampled :

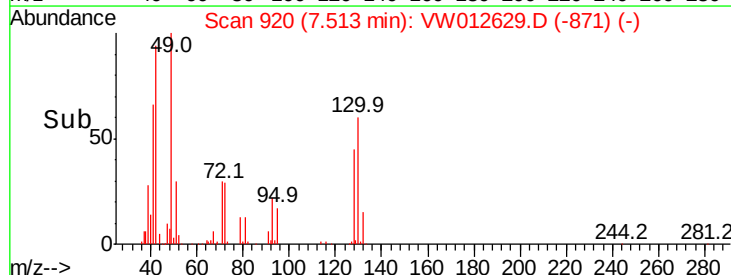
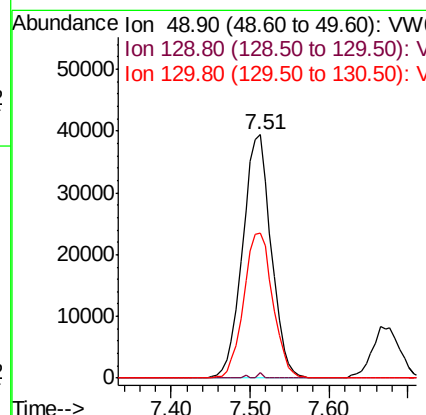
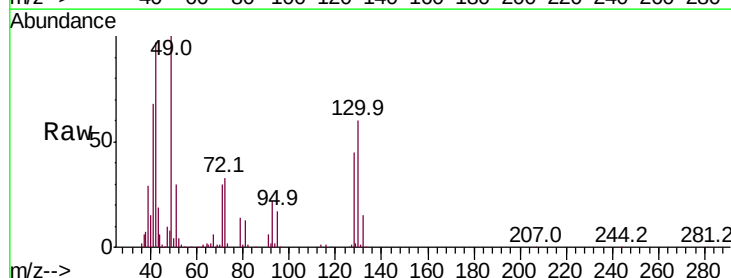
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.5	0.0	326.6
98	62.9	0.0	127.4

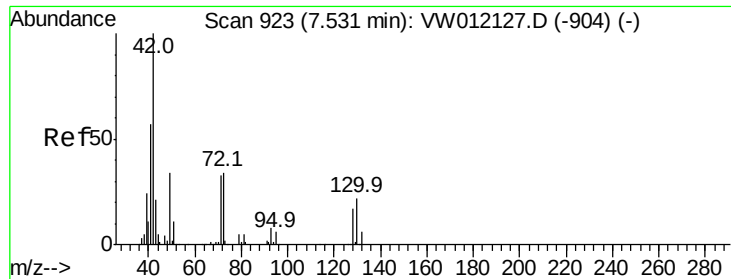


#28

Bromochloromethane
 Concen: 64.371 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	1.4
130	60.6	45.5	68.3





#29

Tetrahydrofuran

Concen: 424.379 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

ClientSampleId :

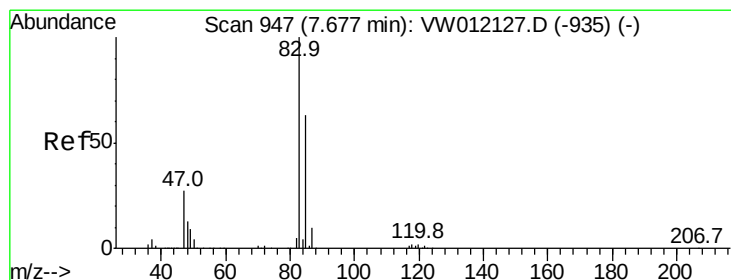
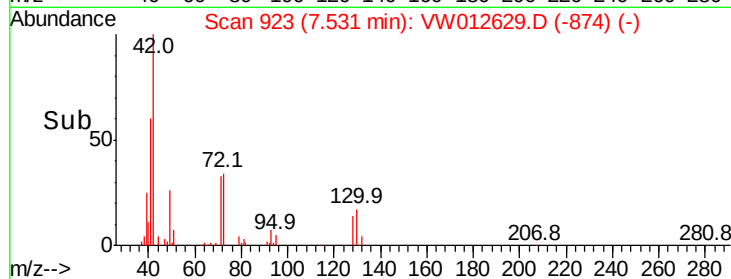
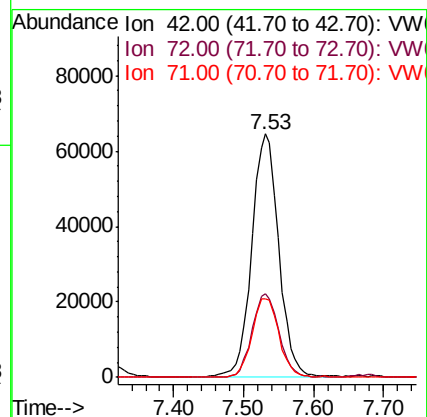
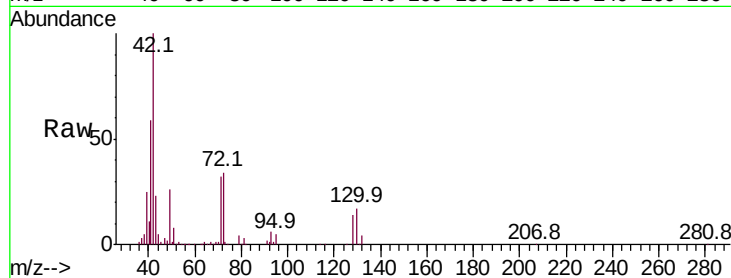
Tot Ion: 42 Resp: 172237

Ion Ratio Lower Upper

42 100

72 34.3 27.3 40.9

71 32.5 25.5 38.3



#30

Chloroform

Concen: 67.712 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW012629.D

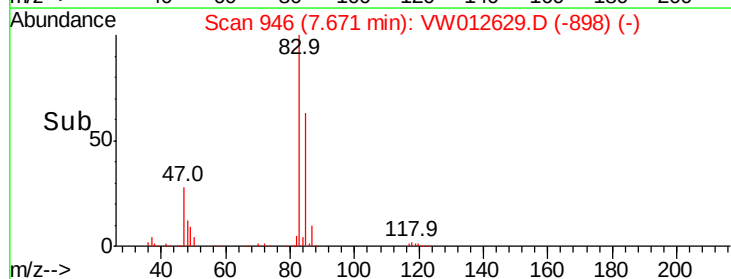
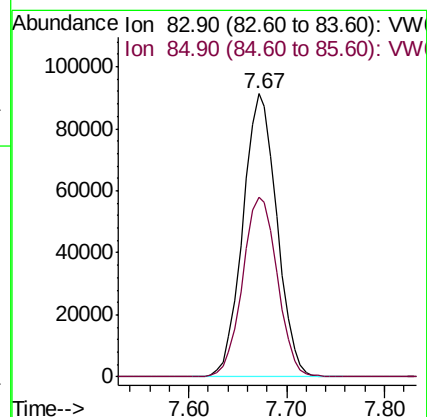
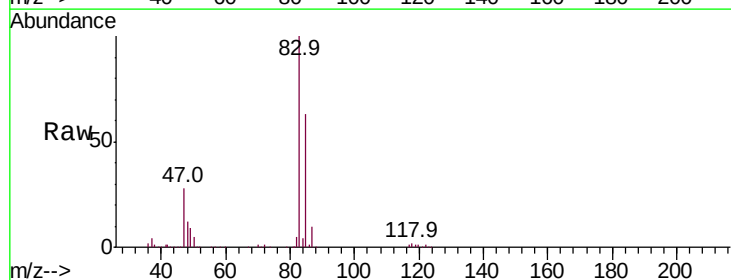
Acq: 05 Sep 2019 09:37

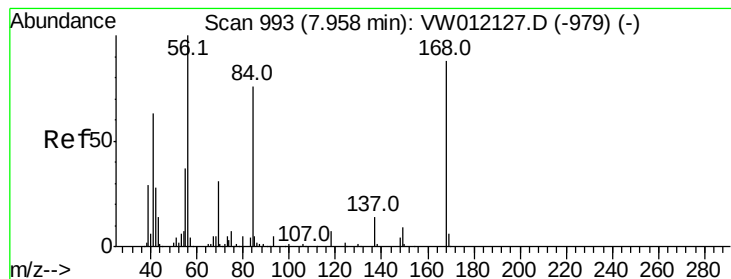
Tgt Ion: 83 Resp: 219642

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0





#31

Cyclohexane

Concen: 41.499 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :
MSVOA_W
ClientSampled :

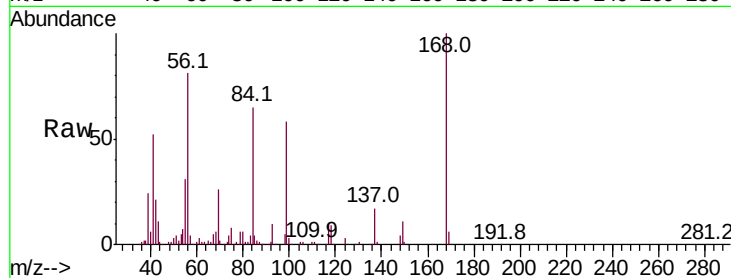
Tot Ion: 56 Resp: 145571

Ion Ratio Lower Upper

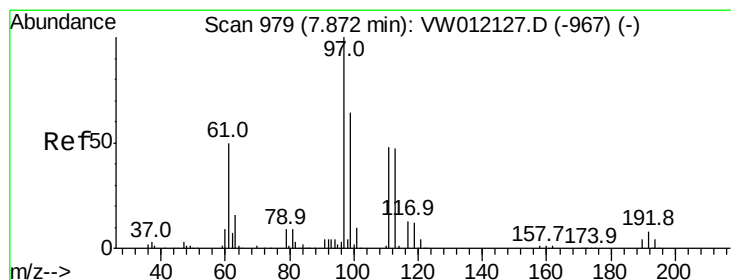
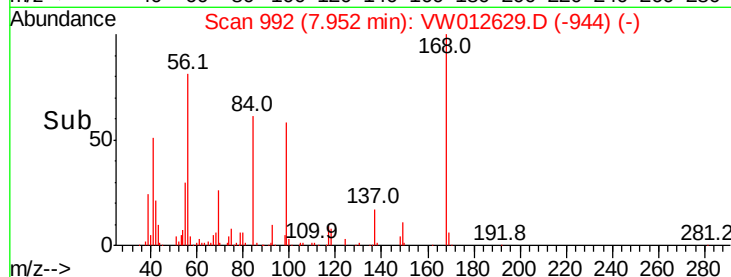
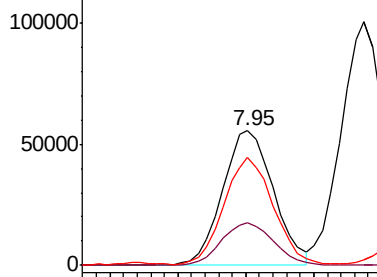
56 100

69 31.9 24.9 37.3

84 78.9 60.6 90.8



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: 61.101 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

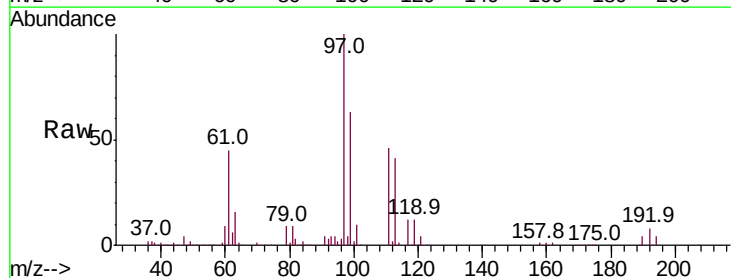
Tgt Ion: 97 Resp: 156789

Ion Ratio Lower Upper

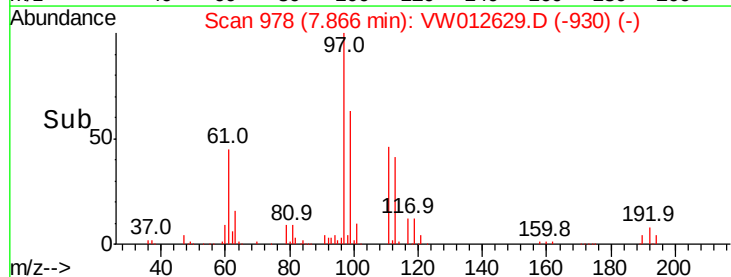
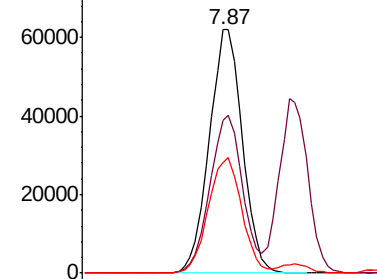
97 100

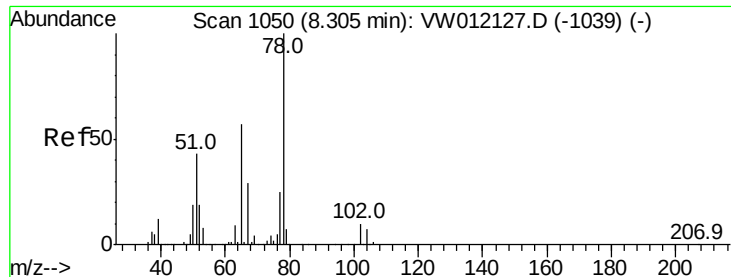
99 64.4 51.4 77.0

61 47.9 39.5 59.3



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

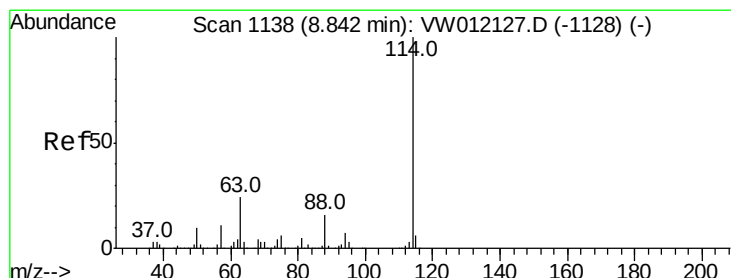
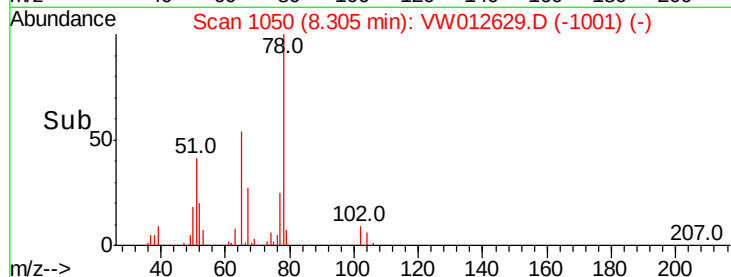
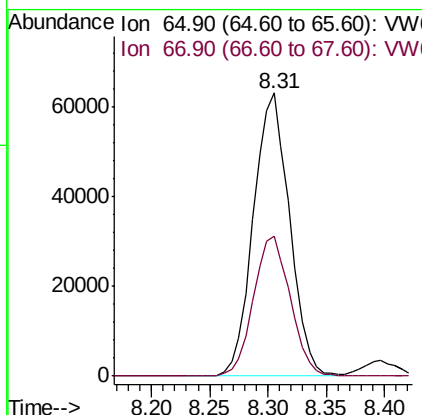
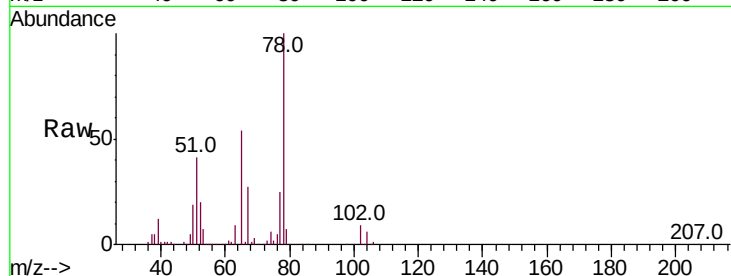




#33
 1,2-Dichloroethane-d4
 Concen: 70.190 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

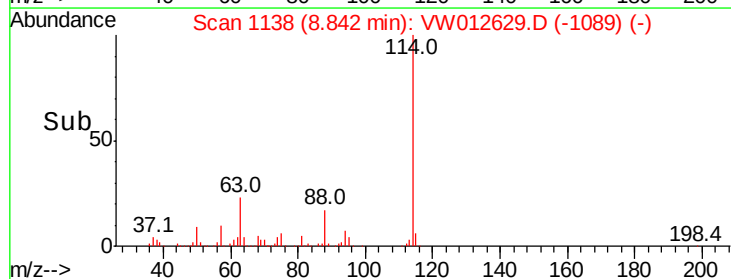
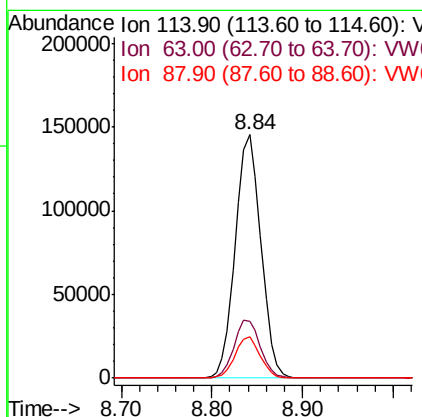
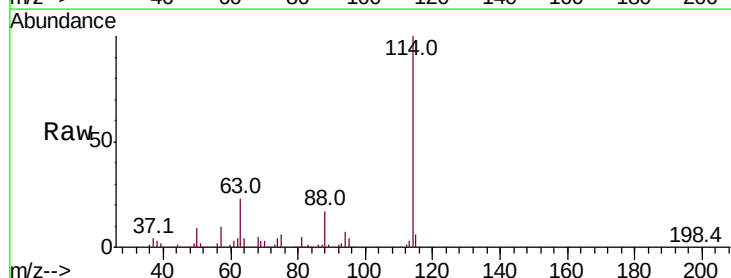
Instrument :
 MSVOA_W
 ClientSampled :

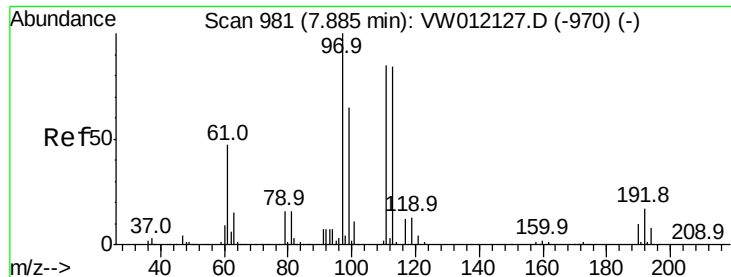
Tot Ion: 65 Resp: 136694
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Tgt Ion: 114 Resp: 285707
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 48.6
 88 17.1 0.0 32.2

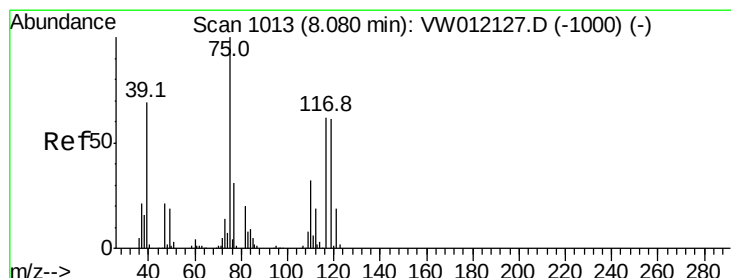
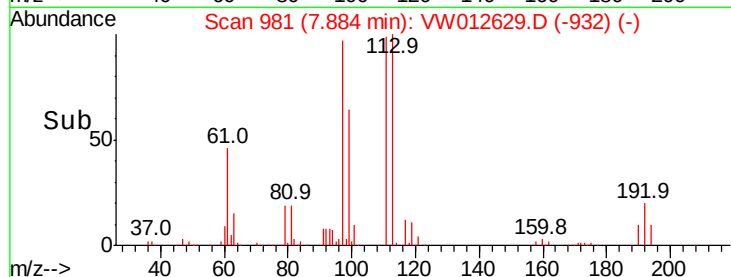
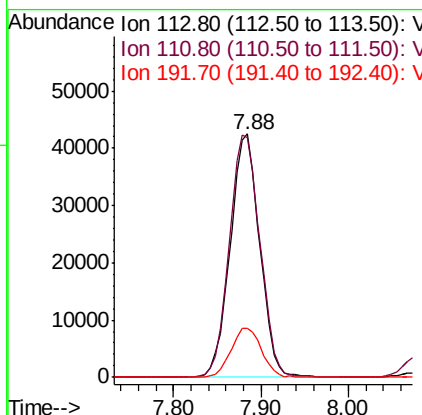
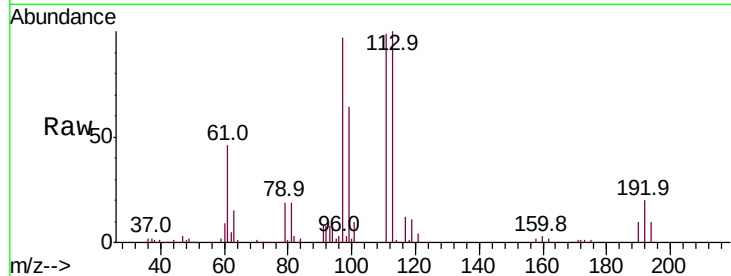




#35
 Dibromofluoromethane
 Concen: 58.401 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

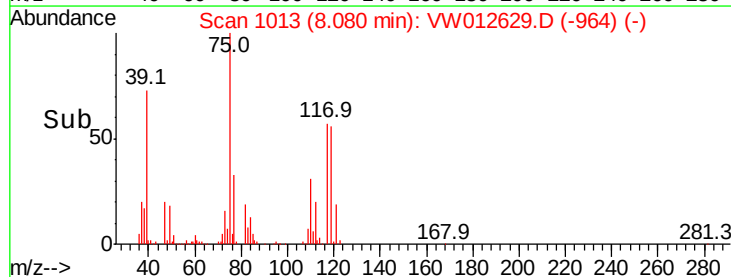
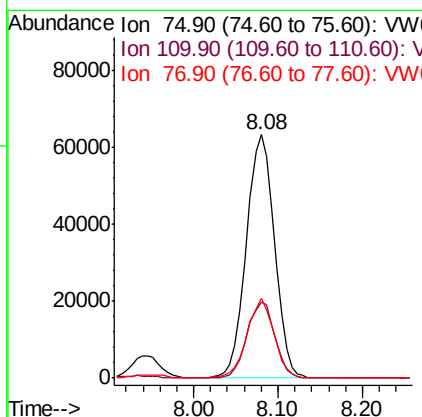
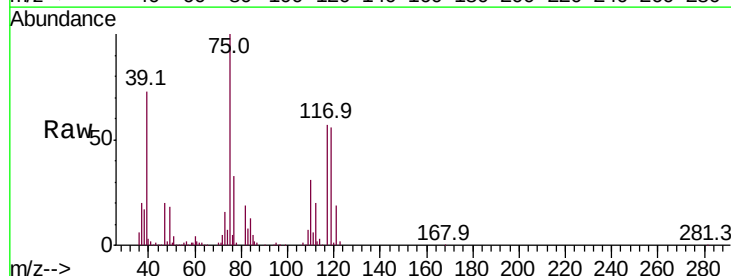
Instrument :
 MSVOA_W
 ClientSampled :

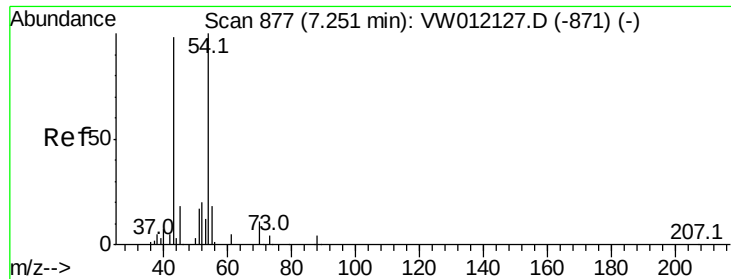
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	21.2	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 48.536 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.9	15.6	46.8
77	31.3	24.6	36.8

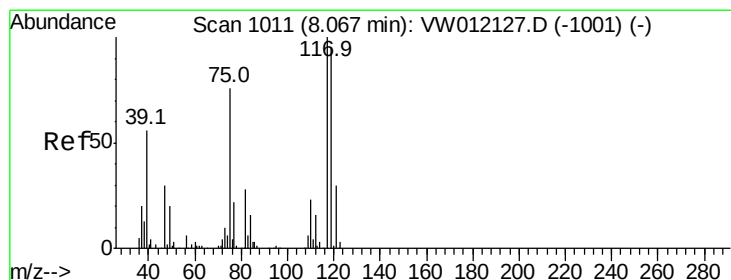
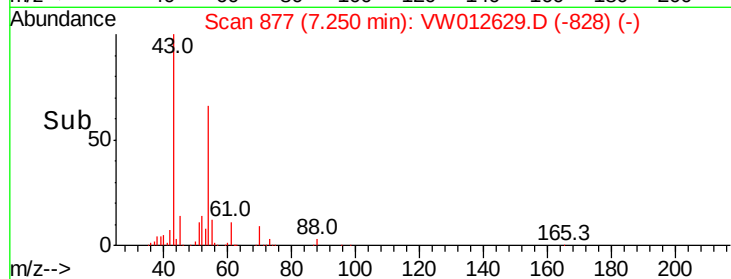
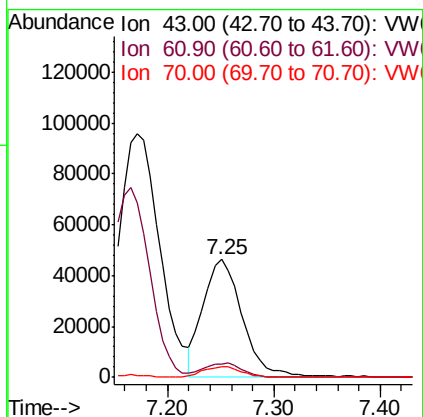
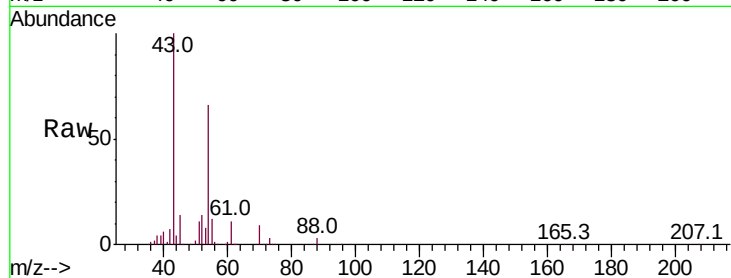




#37
Ethyl Acetate
Concen: 71.702 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

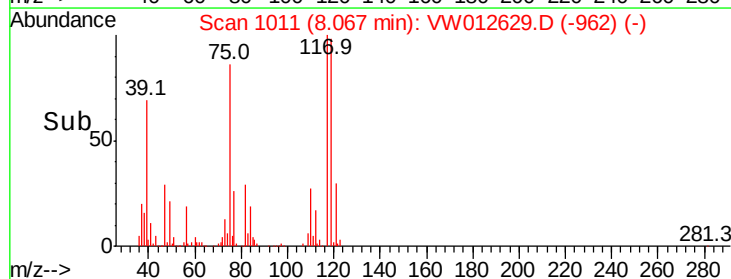
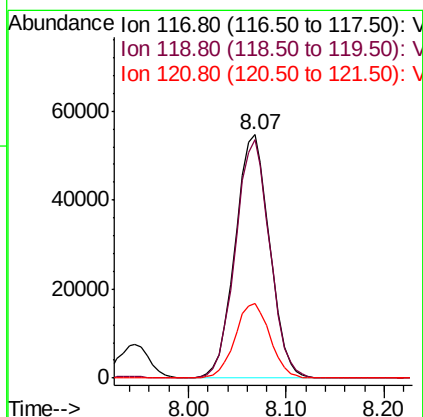
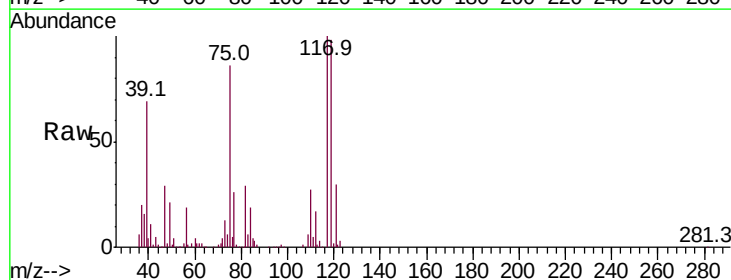
Instrument :
MSVOA_W
ClientSampled :

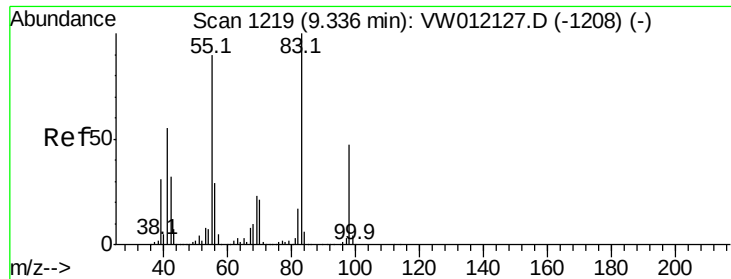
Tot Ion: 43 Resp: 116007
Ion Ratio Lower Upper
43 100
61 11.8 9.2 13.8
70 9.4 6.9 10.3



#38
Carbon Tetrachloride
Concen: 52.372 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 117 Resp: 133832
Ion Ratio Lower Upper
117 100
119 97.8 76.2 114.2
121 30.4 23.8 35.8

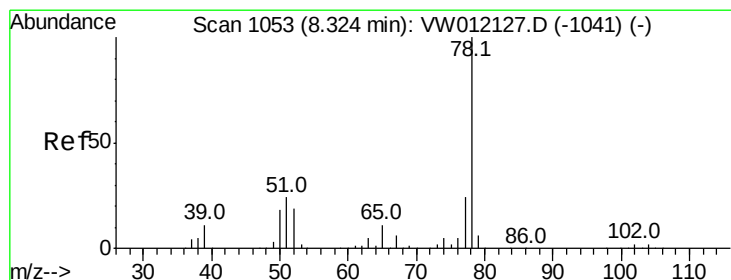
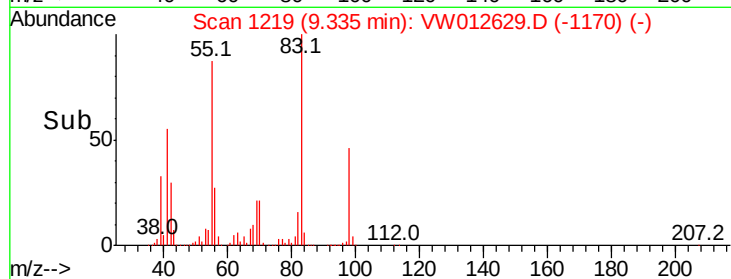
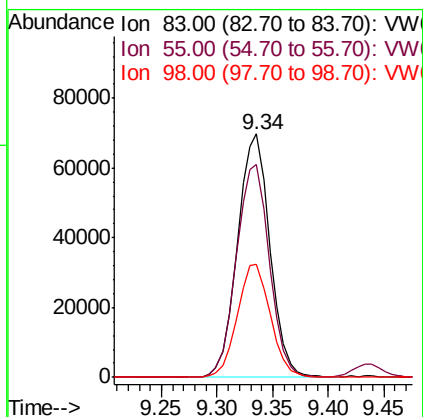
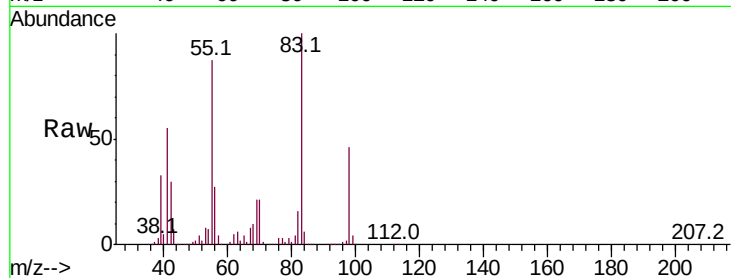




#39
Methylvlcyclohexane
Concen: 42.509 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

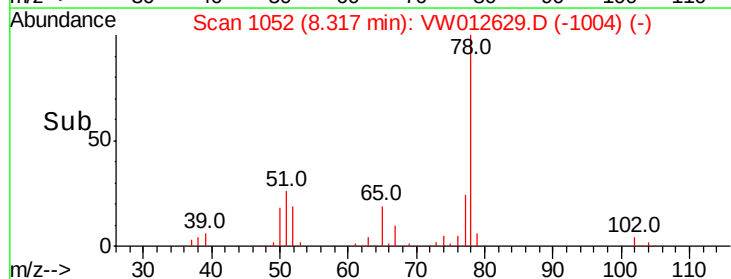
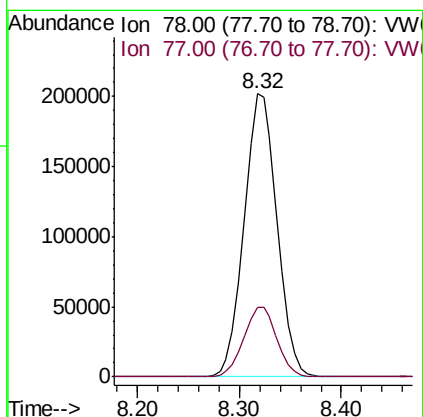
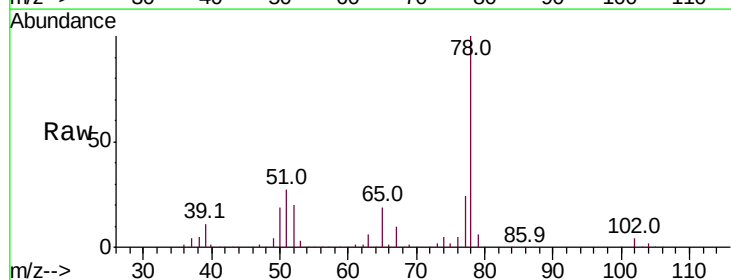
Instrument :
MSVOA_W
ClientSampleId :

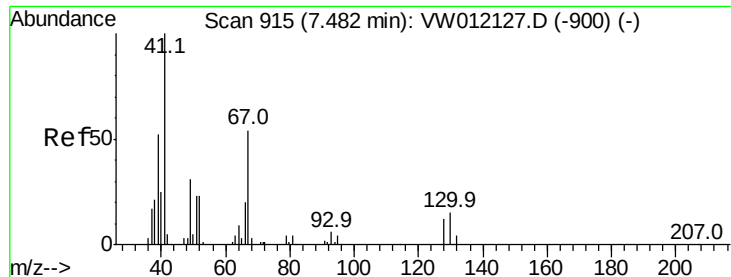
Tot Ion: 83 Resp: 140997
Ion Ratio Lower Upper
83 100
55 87.3 71.8 107.8
98 46.4 37.8 56.8



#40
Benzene
Concen: 56.116 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 78 Resp: 452399
Ion Ratio Lower Upper
78 100
77 24.5 19.5 29.3

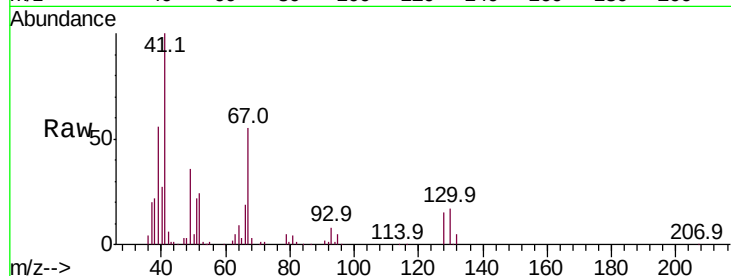




#41
Methacrylonitrile
Concen: 77.446 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	73643
Ion	Ratio	Lower	Upper
41	100		
39	59.5	45.8	68.8
67	56.6	46.2	69.4
52	26.5	21.0	31.6



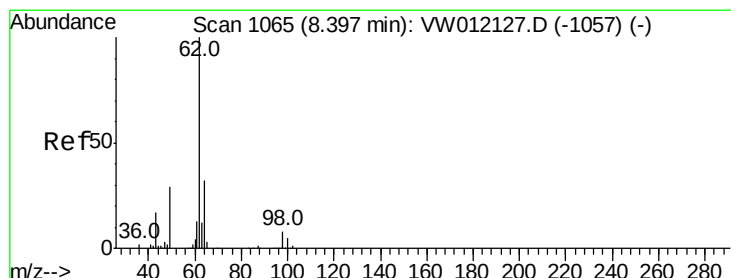
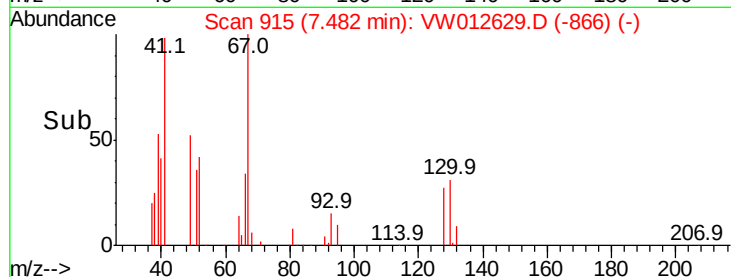
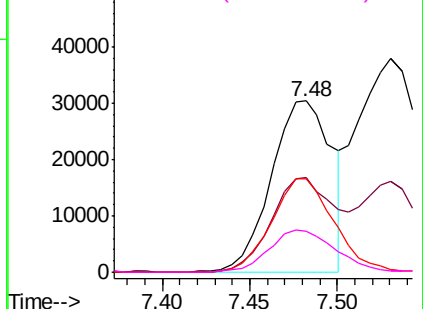
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

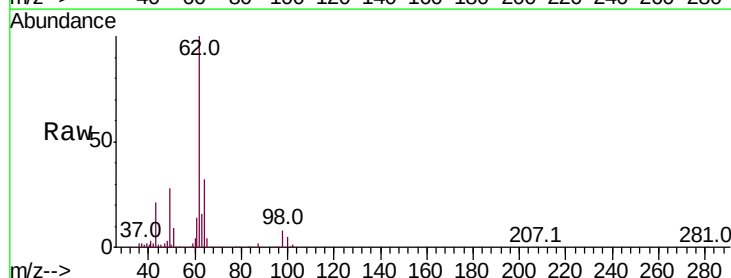
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 71.002 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

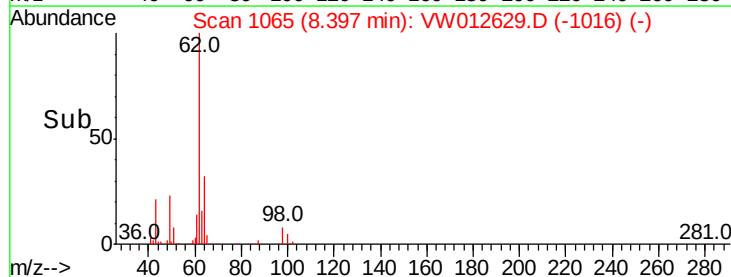
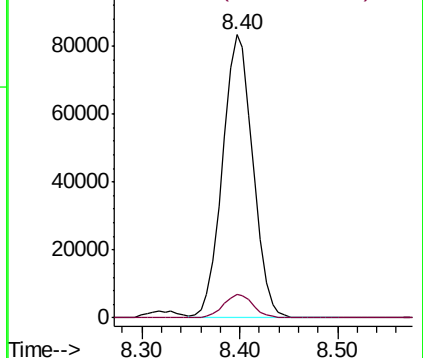
Tgt Ion:	62	Resp:	179397
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6

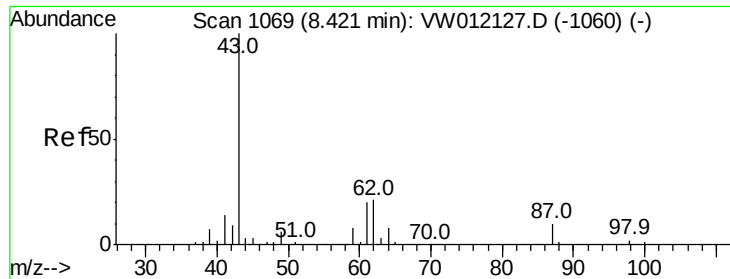


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 74.460 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

ClientSampled :

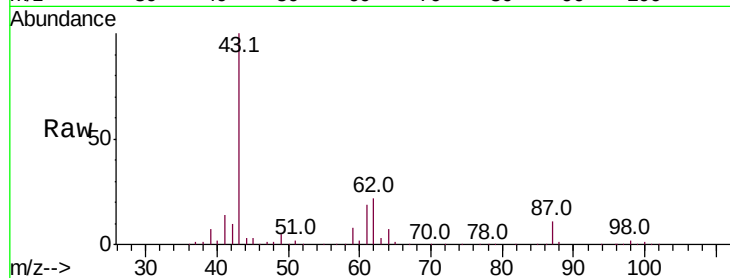
Tot Ion: 43 Resp: 223146

Ion Ratio Lower Upper

43 100

61 25.7 21.1 31.7

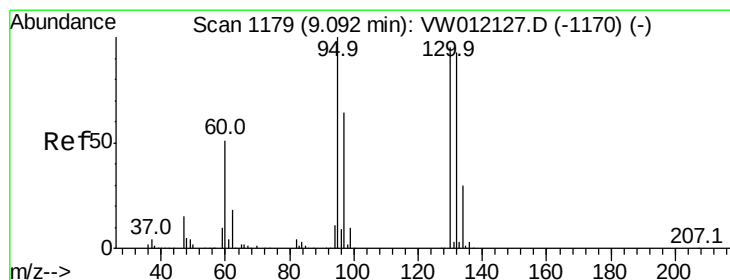
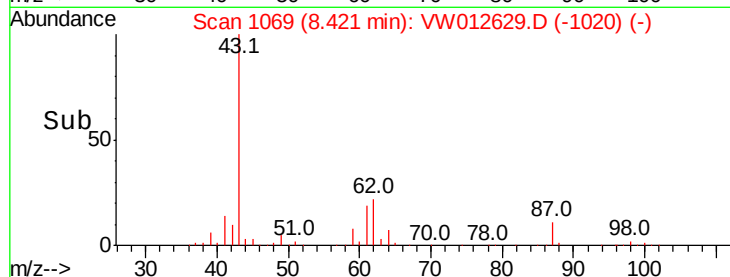
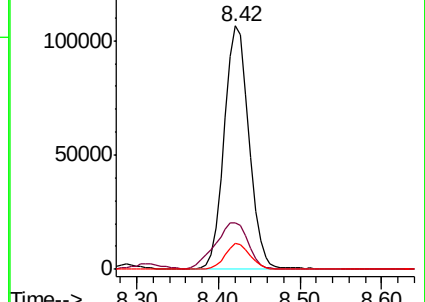
87 10.6 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 55.660 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012629.D

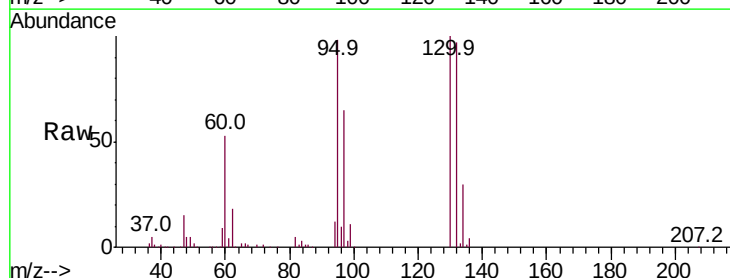
Acq: 05 Sep 2019 09:37

Tgt Ion:130 Resp: 109083

Ion Ratio Lower Upper

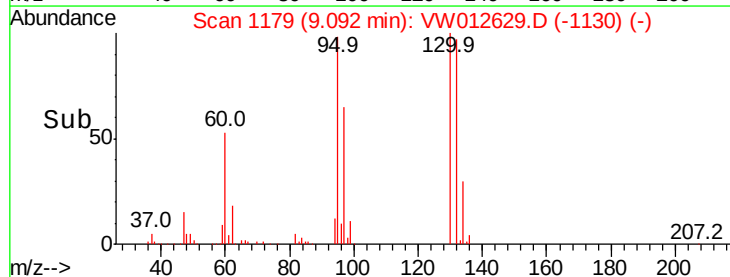
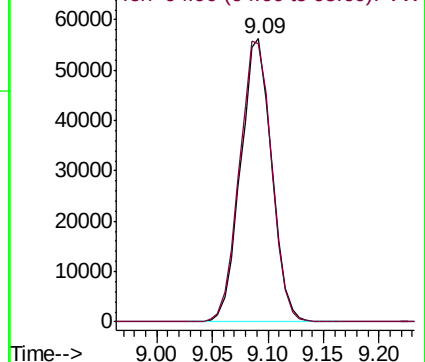
130 100

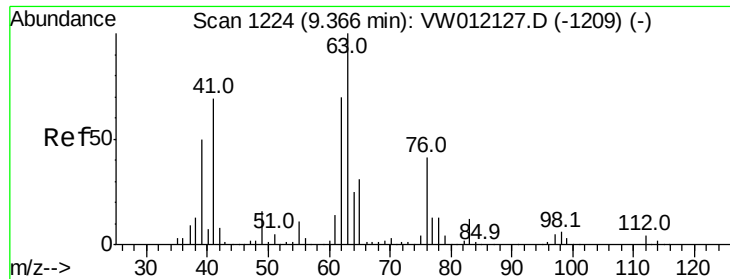
95 98.5 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

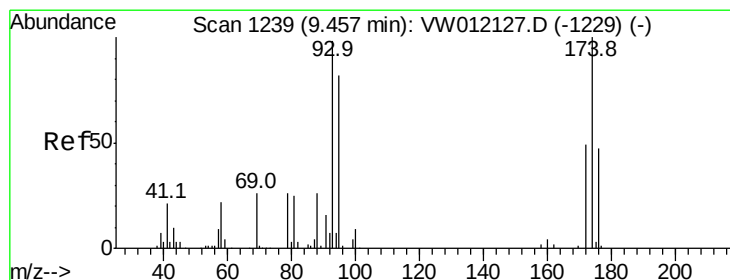
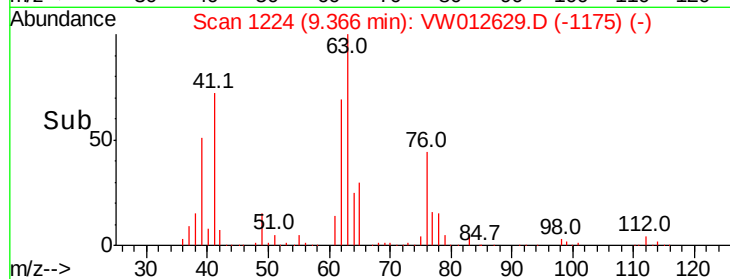
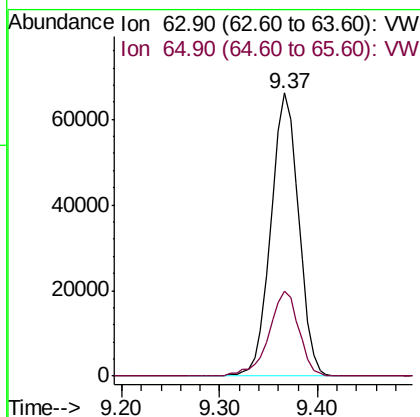
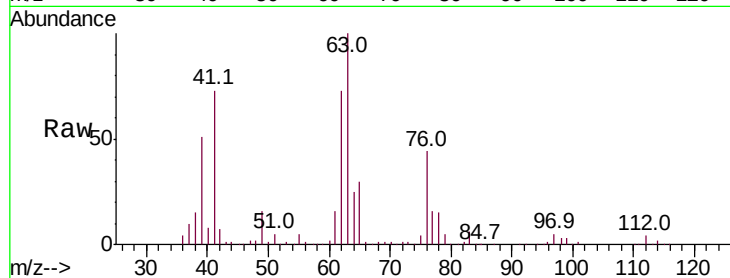




#45
 1,2-Dichloropropane
 Concen: 60.541 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

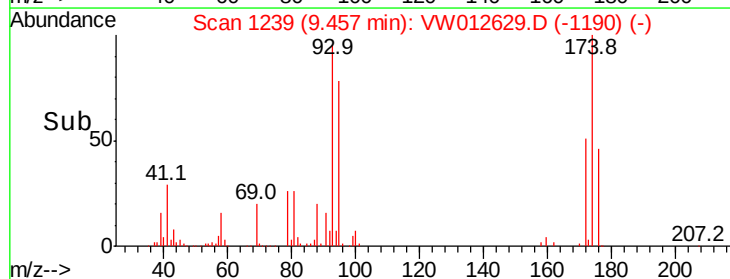
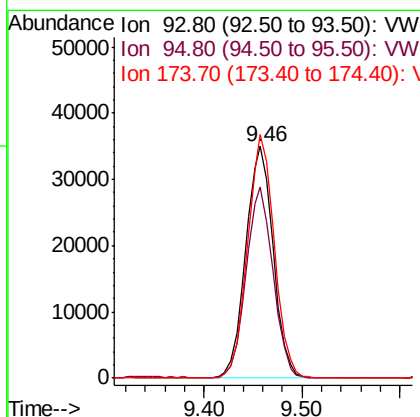
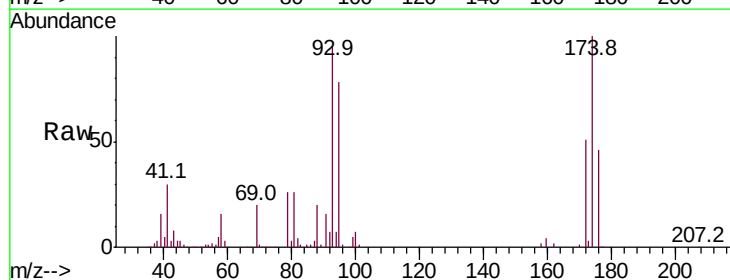
Instrument :
 MSVOA_W
 ClientSampled :

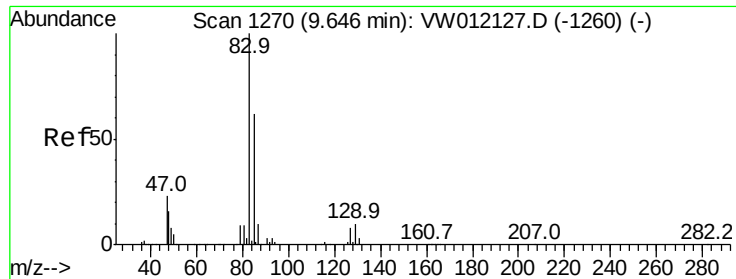
Tot Ion: 63 Resp: 131355
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.4



#46
 Dibromomethane
 Concen: 69.963 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Tgt Ion: 93 Resp: 67540
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.2 100.8
 174 102.8 79.0 118.6





#47

Bromodichloromethane

Concen: 67.882 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :
MSVOA_W
ClientSampled :

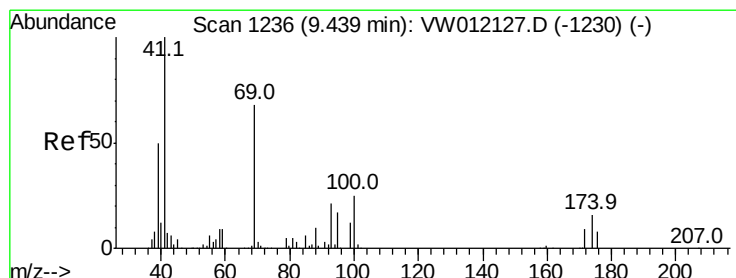
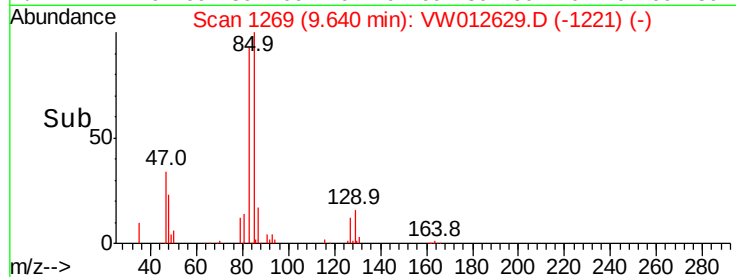
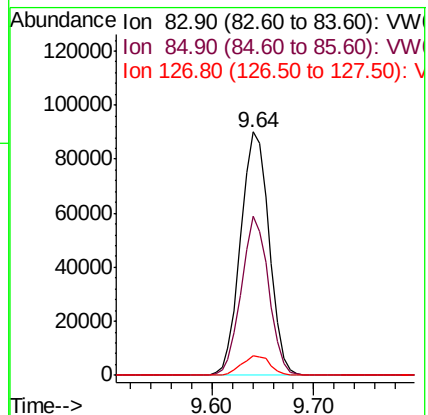
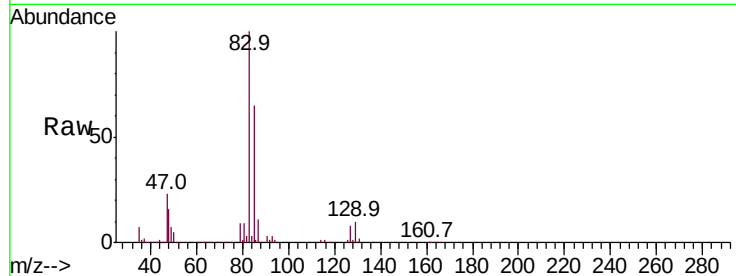
Tot Ion: 83 Resp: 174405

Ion Ratio Lower Upper

83 100

85 65.1 49.4 74.2

127 8.0 6.1 9.1



#48

Methyl methacrylate

Concen: 81.193 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

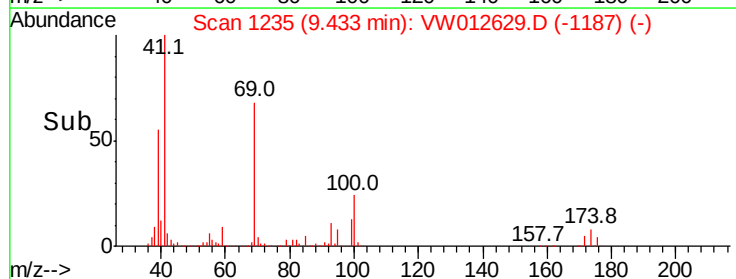
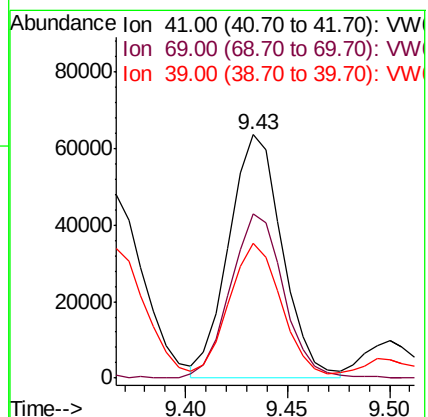
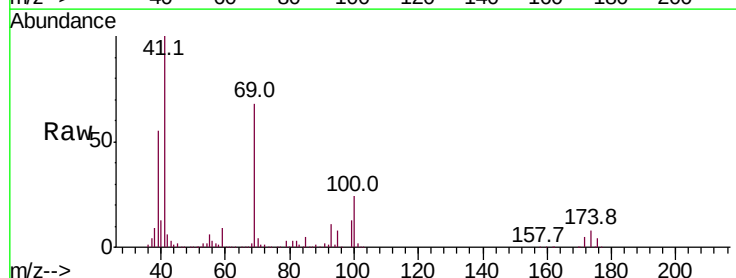
Tgt Ion: 41 Resp: 115810

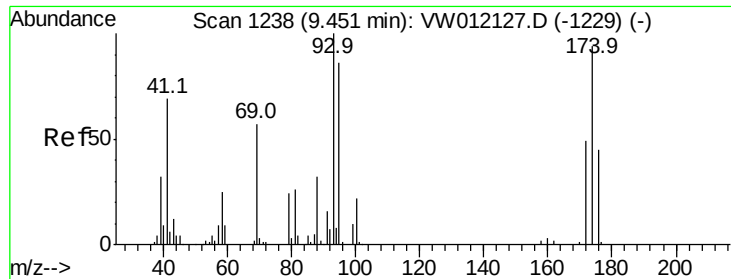
Ion Ratio Lower Upper

41 100

69 66.8 56.7 85.1

39 54.0 42.0 63.0





#49

1,4-Dioxane

Concen: 1441.208 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :
MSVOA_W
ClientSampleId :

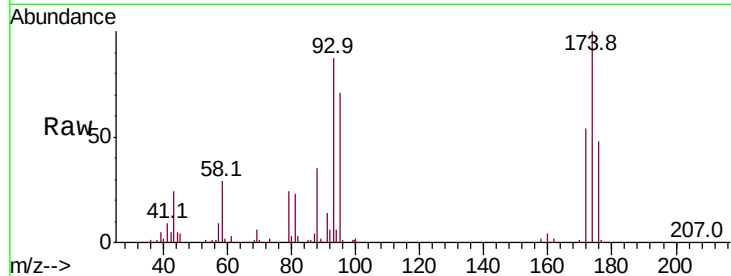
Tot Ion: 88 Resp: 21299

Ion Ratio Lower Upper

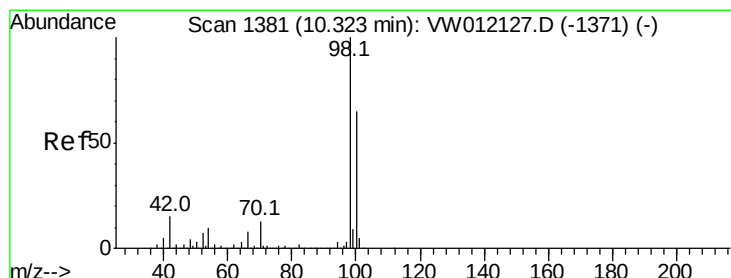
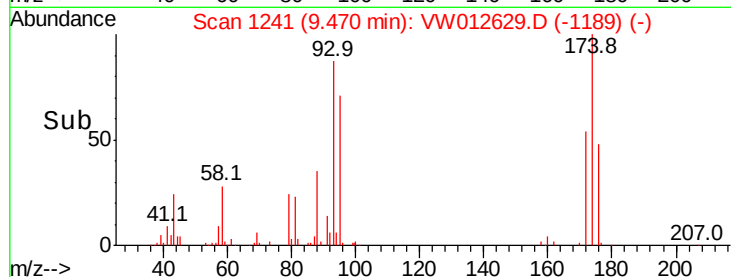
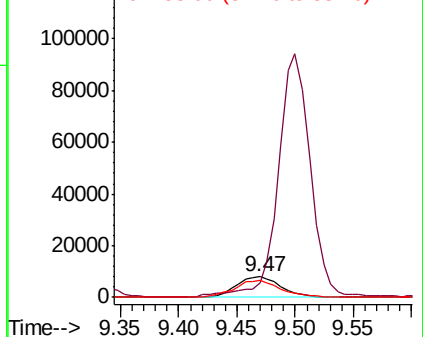
88 100

43 0.0 32.9 49.3#

58 85.4 71.0 106.4



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.617 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012629.D

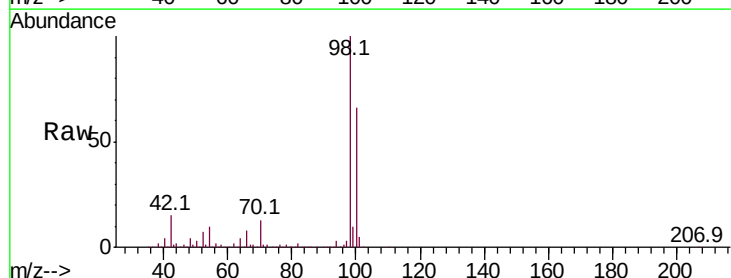
Acq: 05 Sep 2019 09:37

Tgt Ion: 98 Resp: 356928

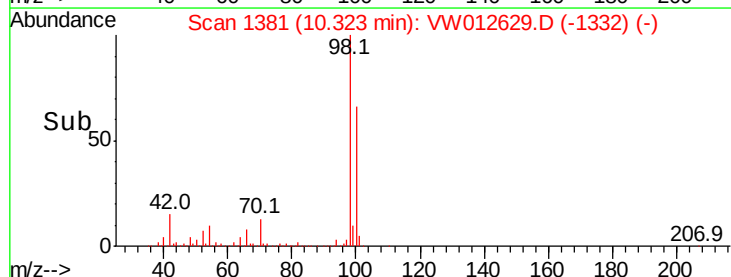
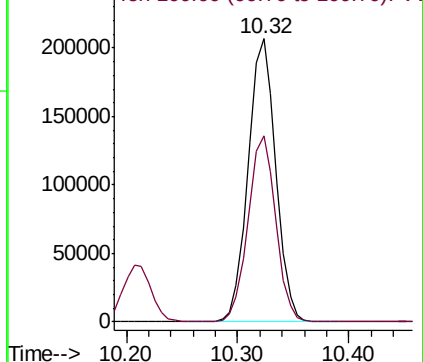
Ion Ratio Lower Upper

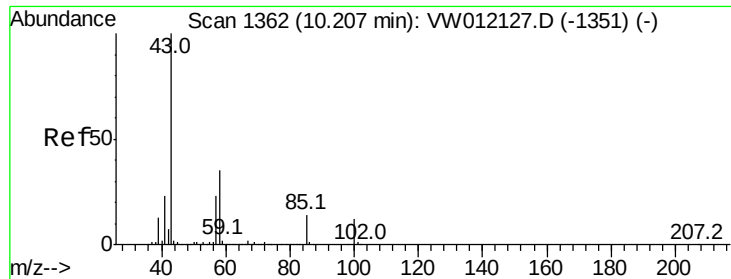
98 100

100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

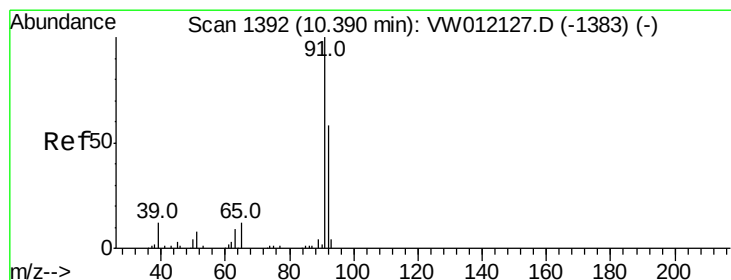
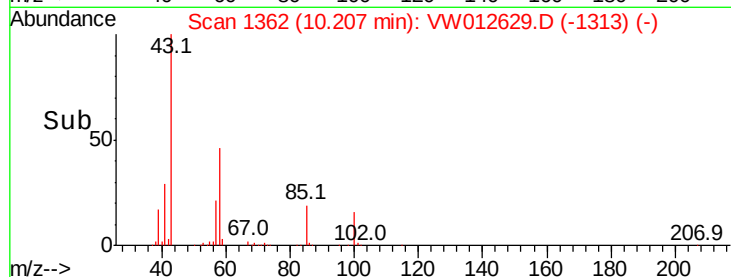
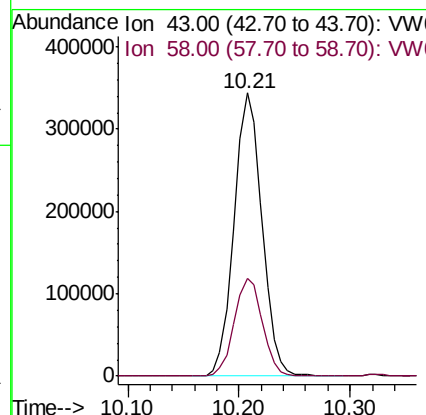
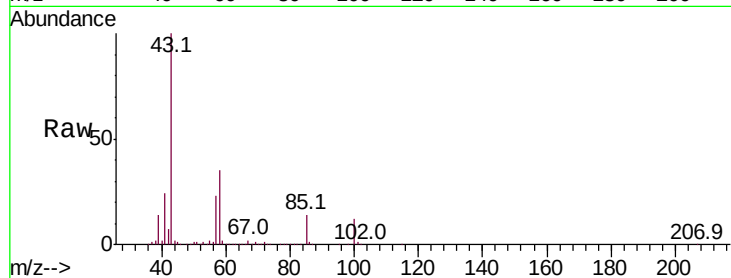




#51
 4-Methyl-2-Pentanone
 Concen: 390.545 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

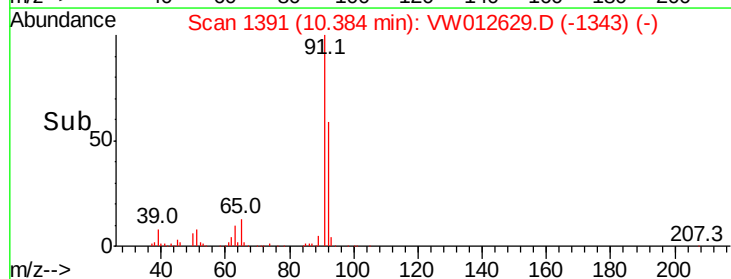
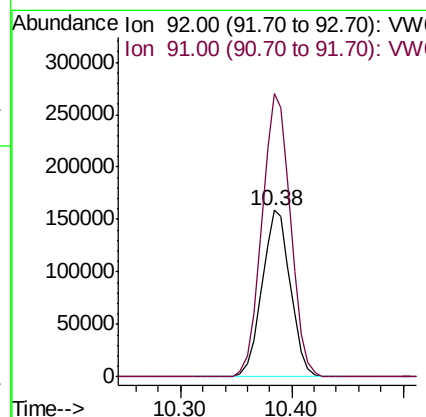
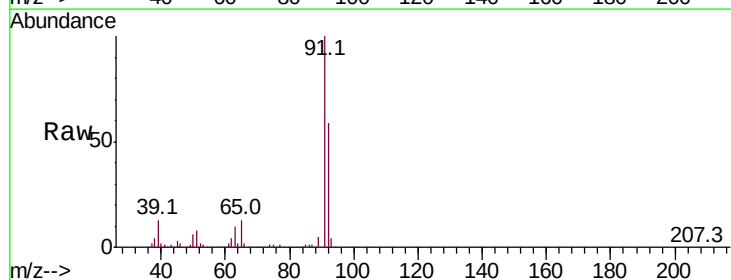
Instrument :
 MSVOA_W
 ClientSampleId :

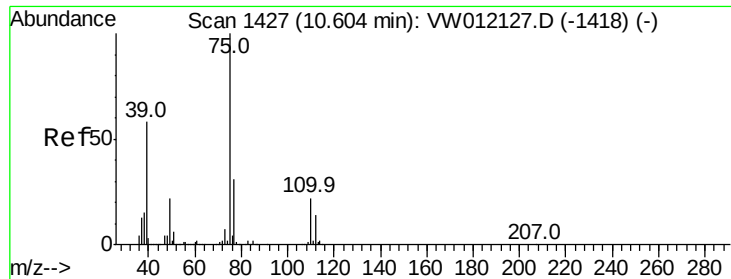
Tot Ion: 43 Resp: 595306
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.2 42.2



#52
 Toluene
 Concen: 58.068 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Tgt Ion: 92 Resp: 281232
 Ion Ratio Lower Upper
 92 100
 91 171.0 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 65.978 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

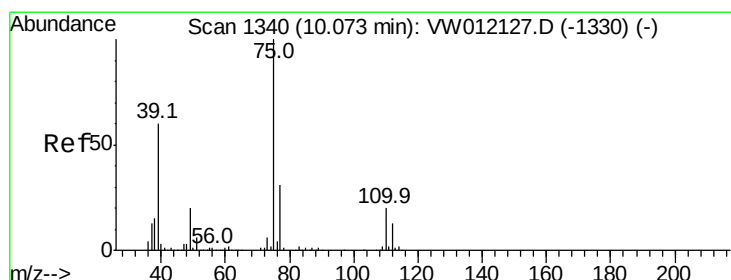
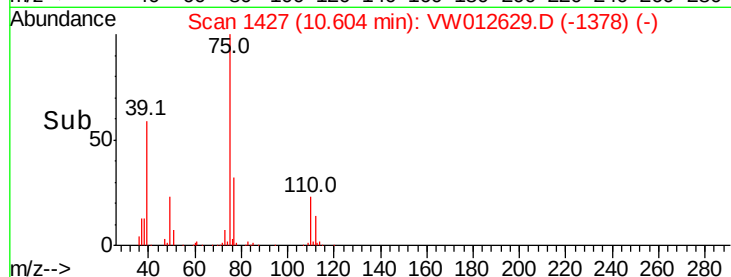
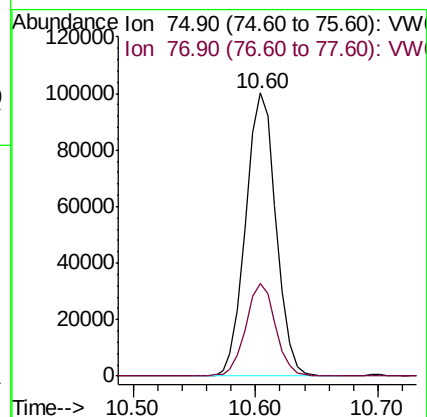
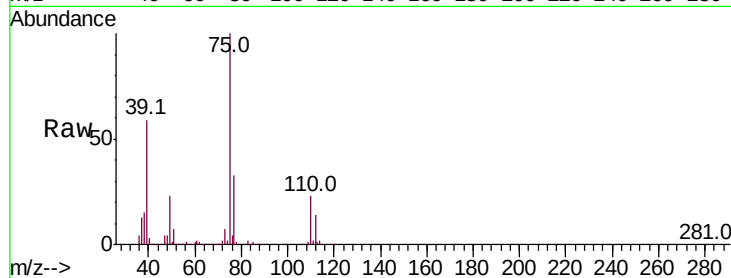
ClientSampled :

Tot Ion: 75 Resp: 172670

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 61.715 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

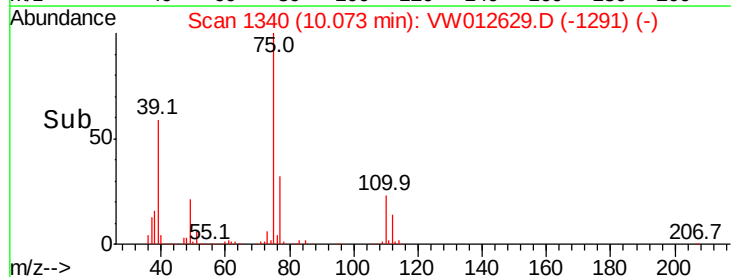
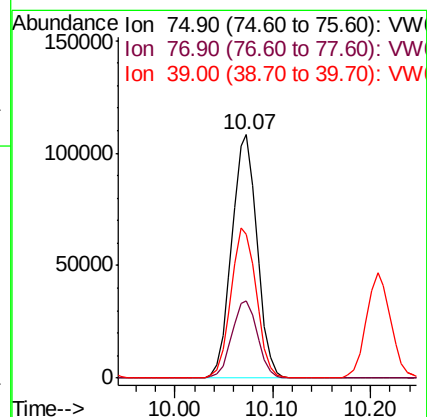
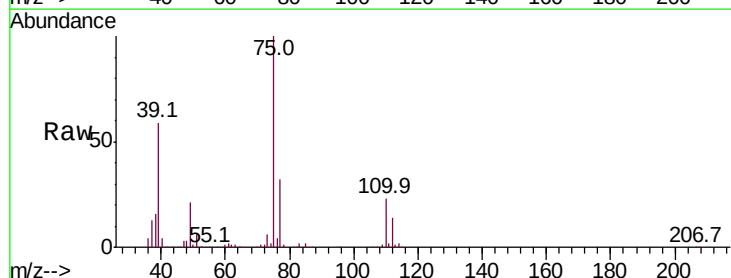
Tgt Ion: 75 Resp: 195019

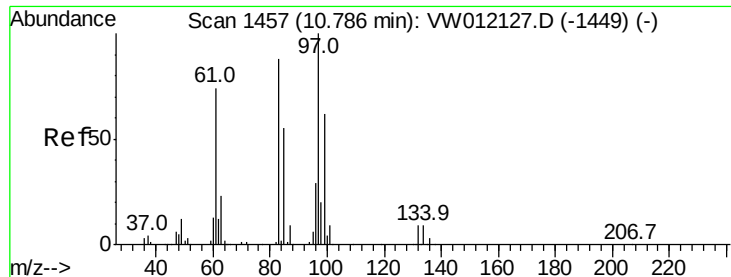
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 58.6 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 70.401 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

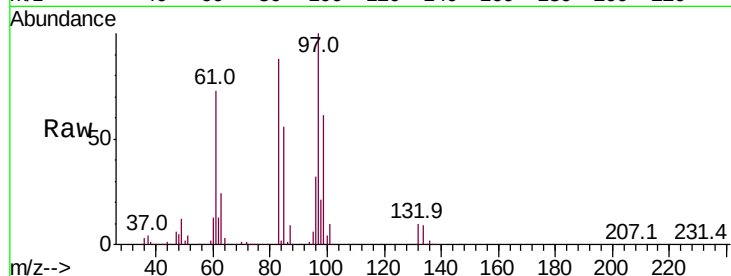
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 96157

Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.8	106.2
85	56.4	43.8	65.8
99	60.8	49.8	74.6

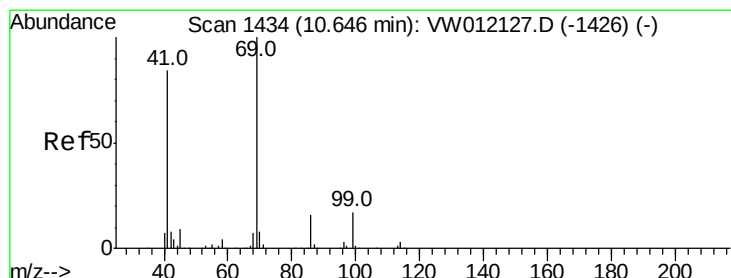
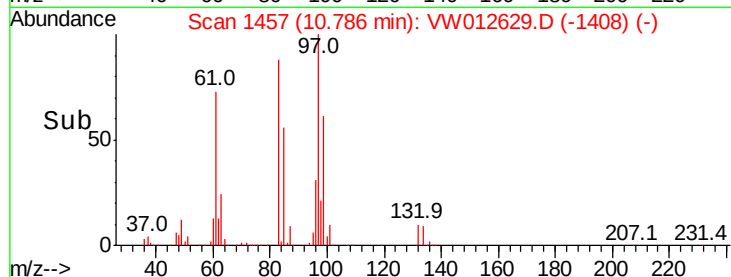


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 74.715 ug/l

RT: 10.65 min Scan# 1434

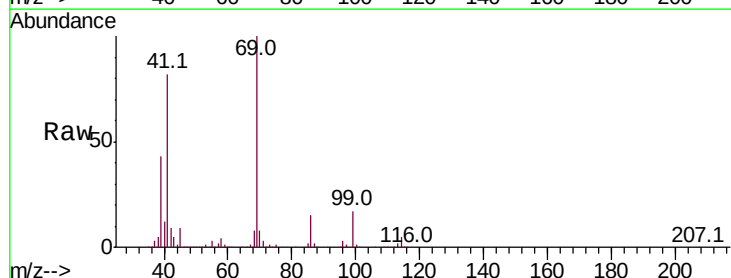
Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Tgt Ion: 69 Resp: 148525

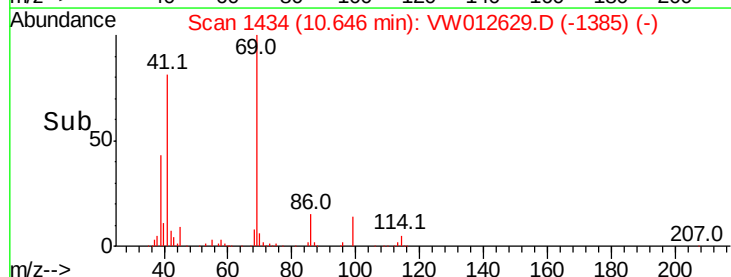
Ion	Ratio	Lower	Upper
69	100		
41	82.8	66.5	99.7
39	39.4	31.0	46.4

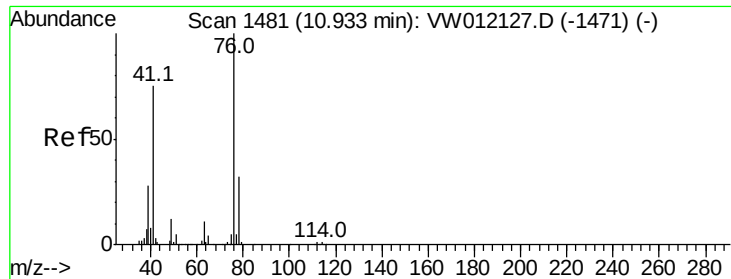


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 69.532 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

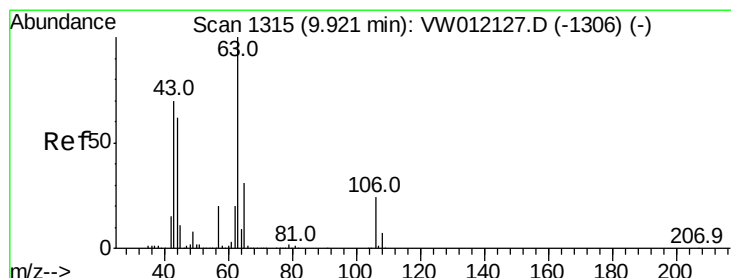
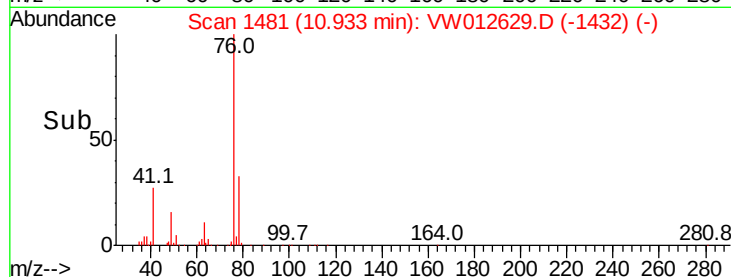
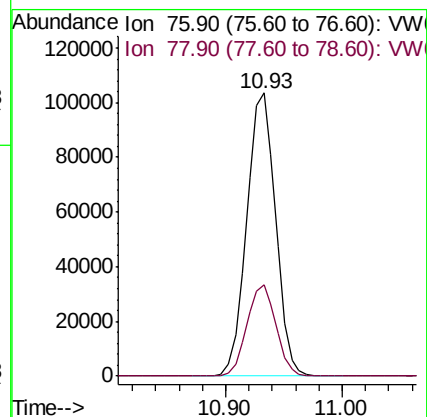
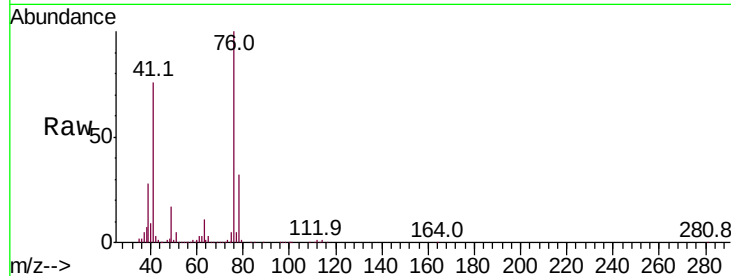
ClientSampleId :

Tot Ion: 76 Resp: 179471

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 368.416 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012629.D

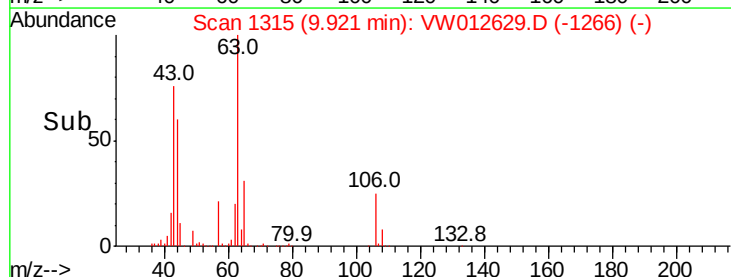
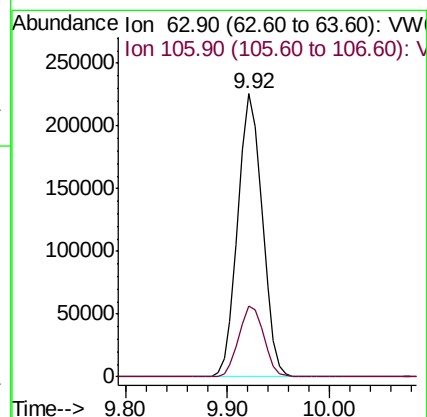
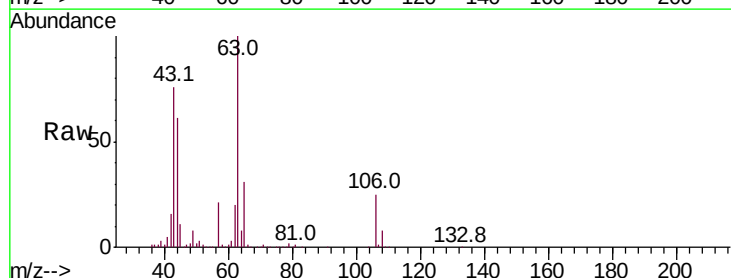
Acq: 05 Sep 2019 09:37

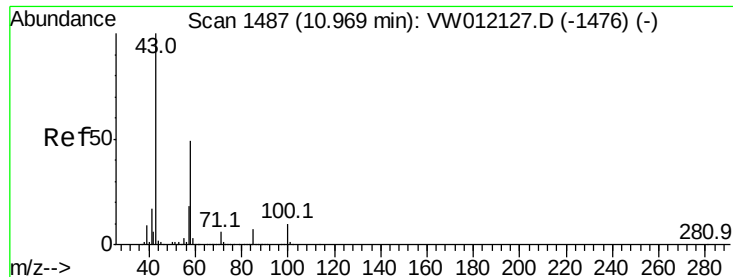
Tgt Ion: 63 Resp: 375868

Ion Ratio Lower Upper

63 100

106 25.6 19.8 29.8

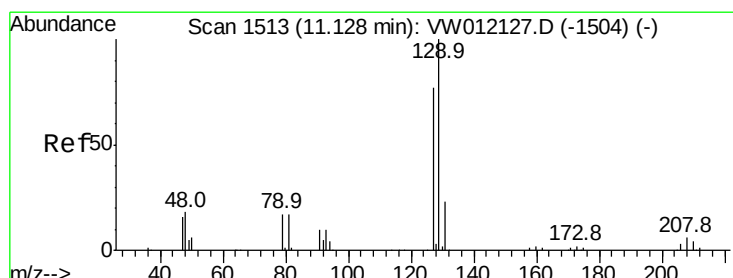
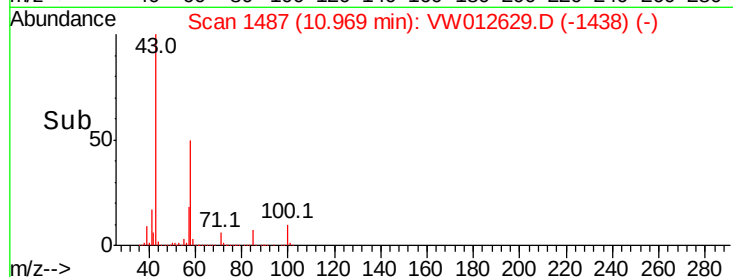
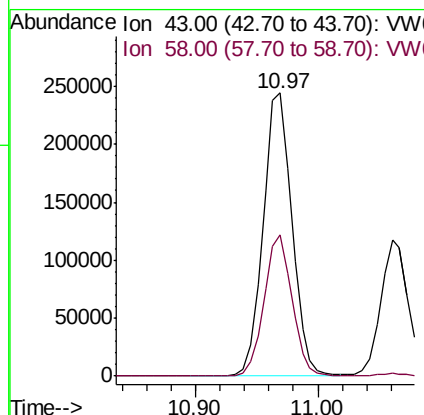
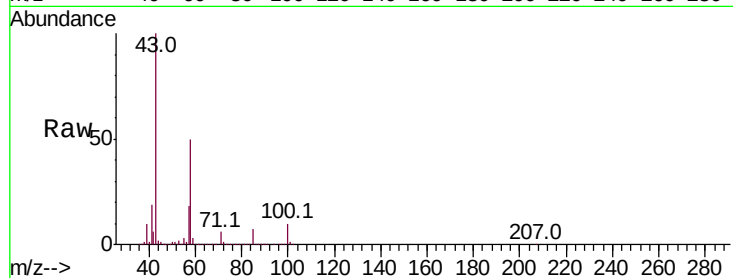




#59
2-Hexanone
Concen: 372.906 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

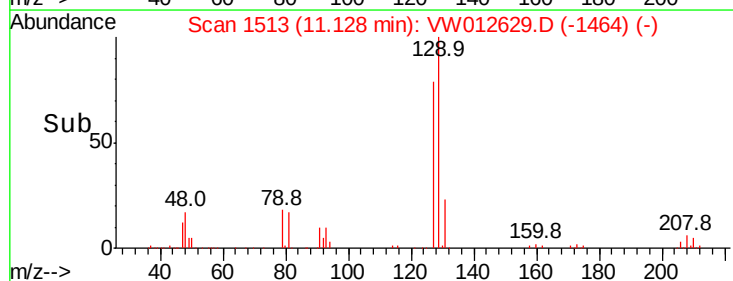
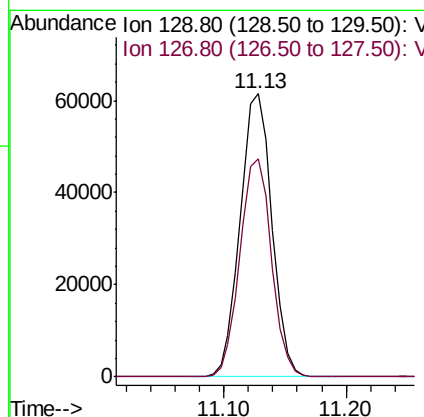
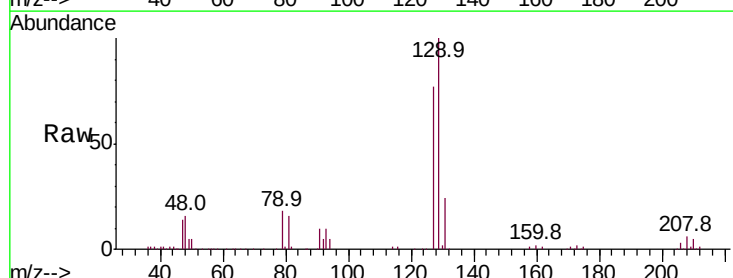
Instrument :
MSVOA_W
ClientSampled :

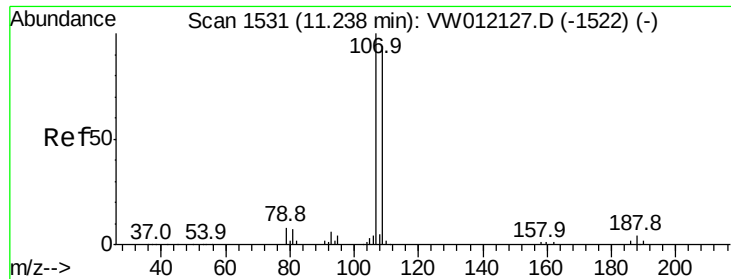
Tot Ion: 43 Resp: 402193
Ion Ratio Lower Upper
43 100
58 48.3 24.3 72.9



#60
Dibromochloromethane
Concen: 72.776 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 129 Resp: 110717
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8

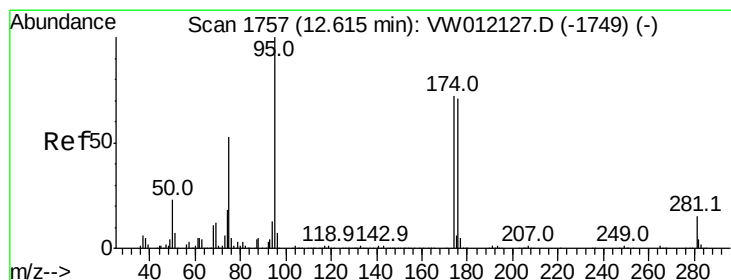
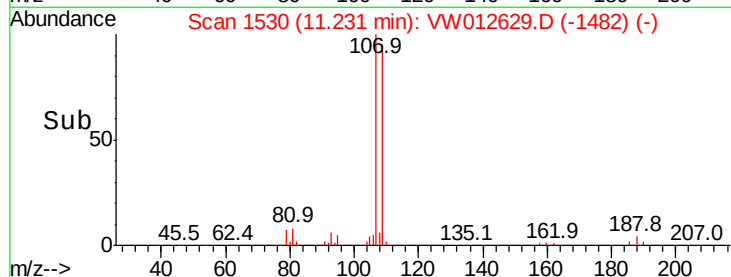
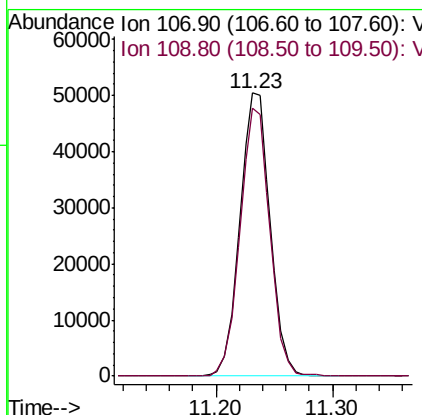
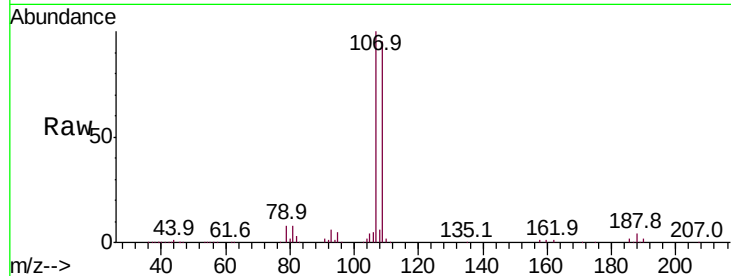




#61
 1,2-Dibromoethane
 Concen: 71.402 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

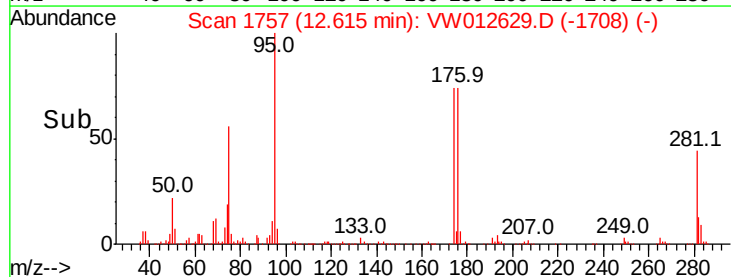
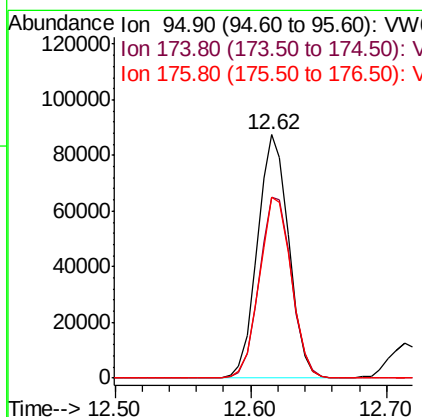
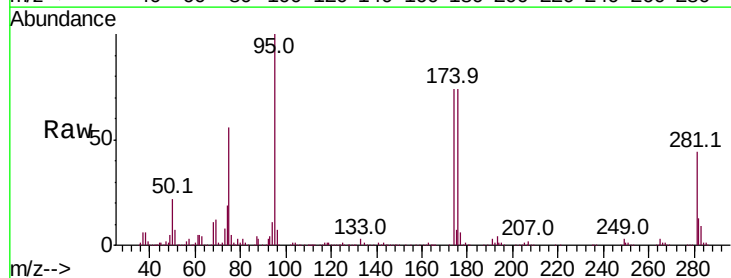
Instrument :
 MSVOA_W
 ClientSampleId :

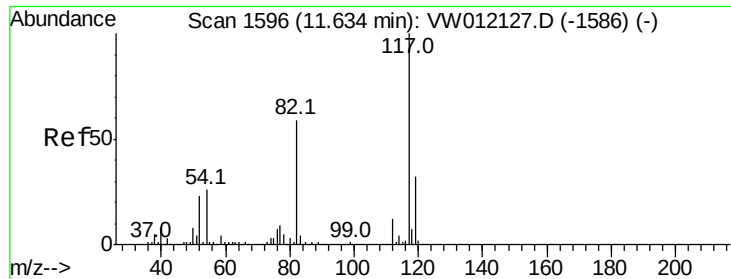
Tot Ion:107 Resp: 90857
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 58.100 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Tgt Ion: 95 Resp: 141617
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 150.8
 176 76.0 0.0 148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

ClientSampleId :

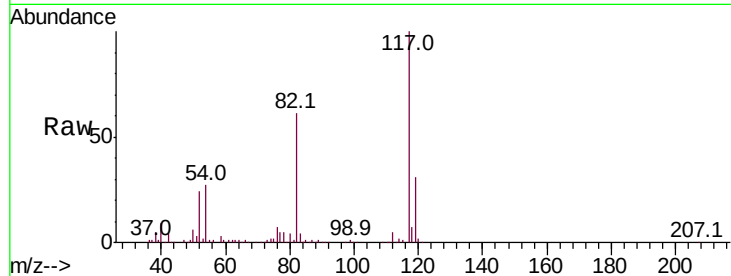
Tot Ion:117 Resp: 264277

Ion Ratio Lower Upper

117 100

82 60.9 47.4 71.2

119 30.9 25.4 38.2

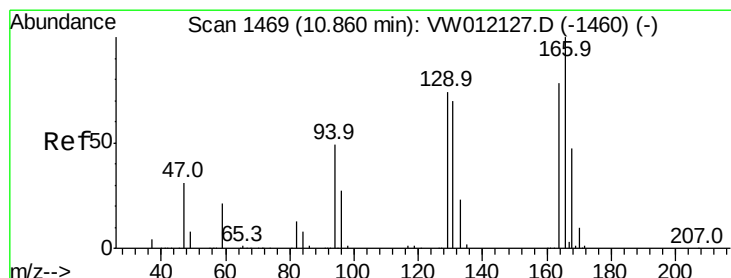
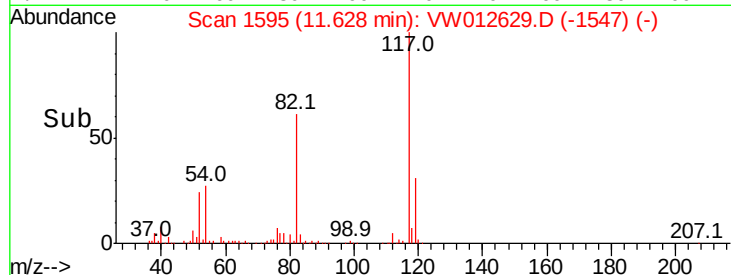
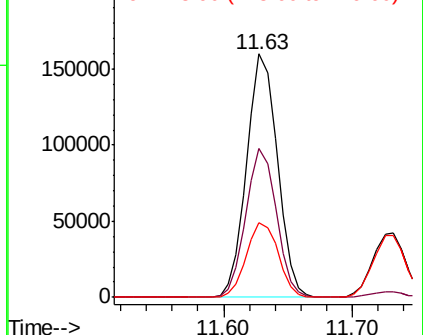


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 60.979 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Tgt Ion:164 Resp: 104480

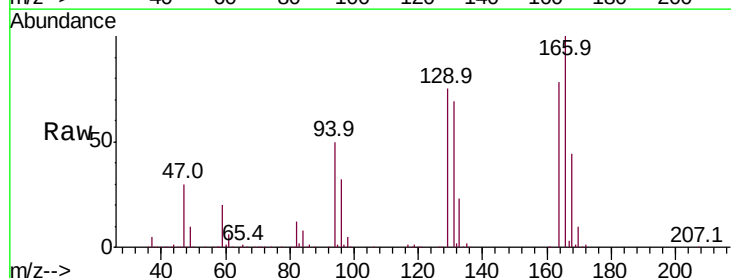
Ion Ratio Lower Upper

164 100

166 128.2 102.4 153.6

129 96.7 75.8 113.6

131 88.9 71.4 107.2



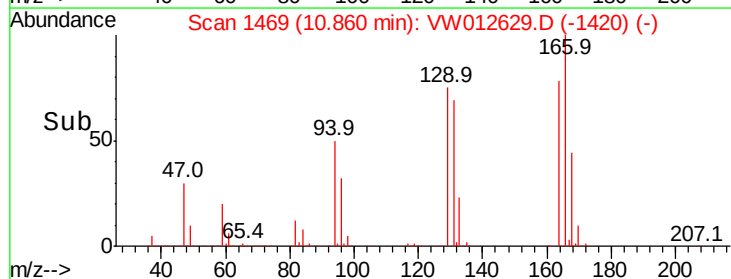
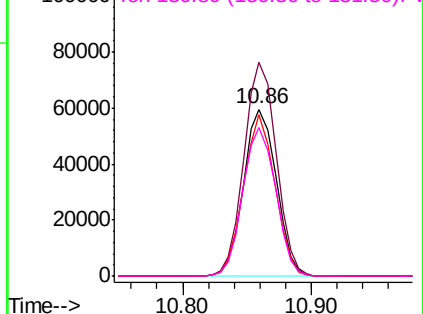
Abundance

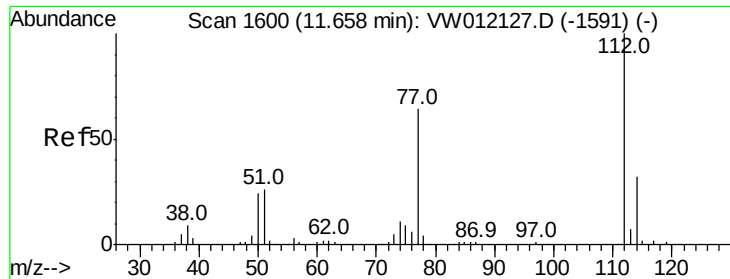
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

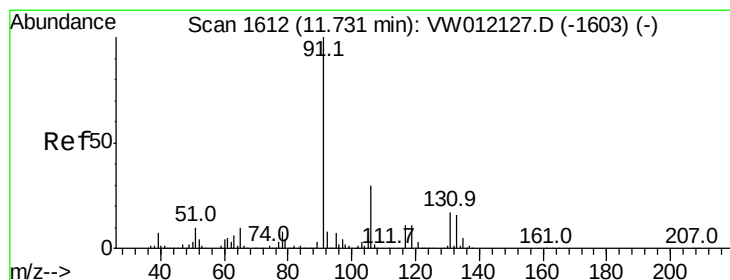
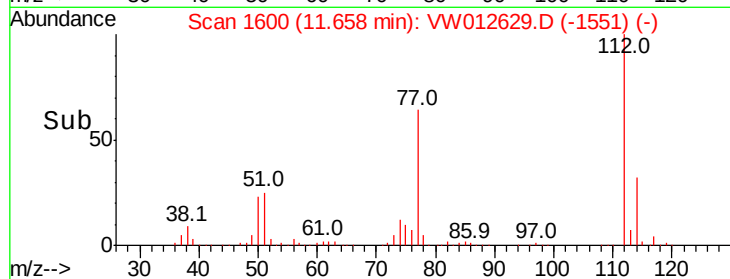
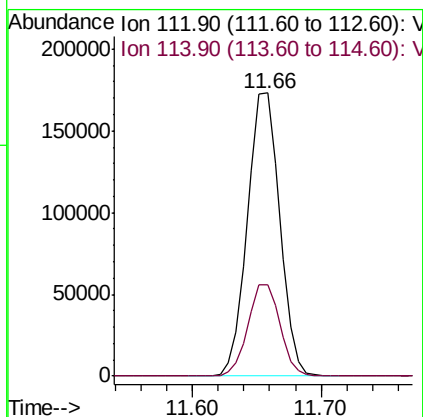
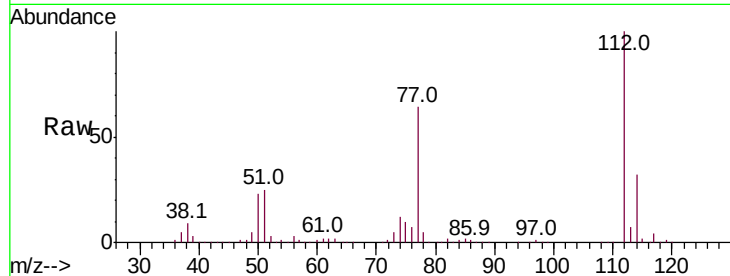




#65
Chlorobenzene
Concen: 57.603 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

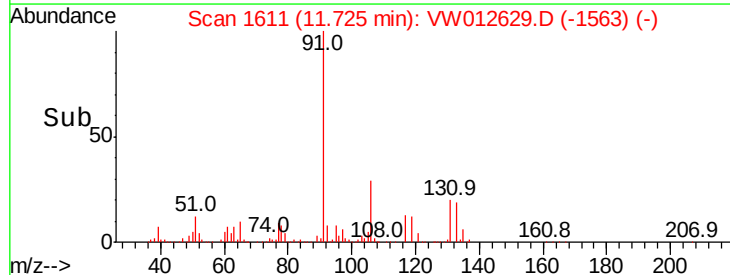
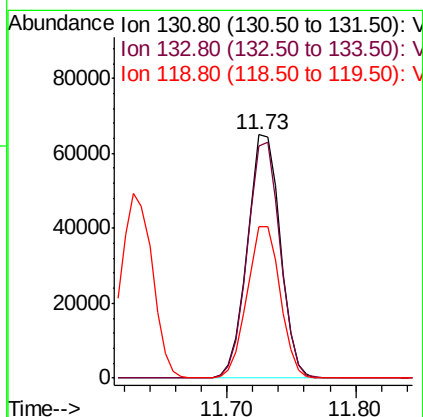
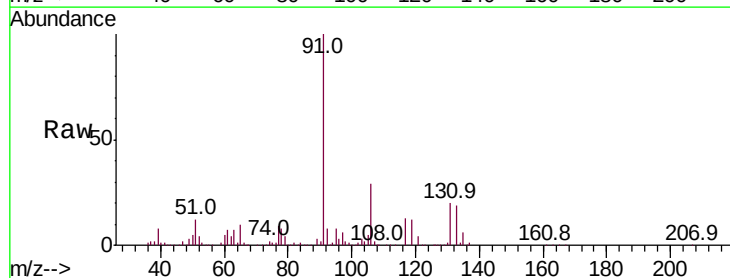
Instrument :
MSVOA_W
ClientSampleId :

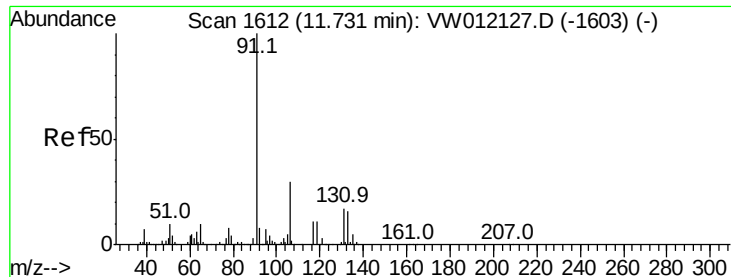
Tot Ion:112 Resp: 299759
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 62.794 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Tgt Ion:131 Resp: 113997
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.3
119 62.8 31.8 95.3

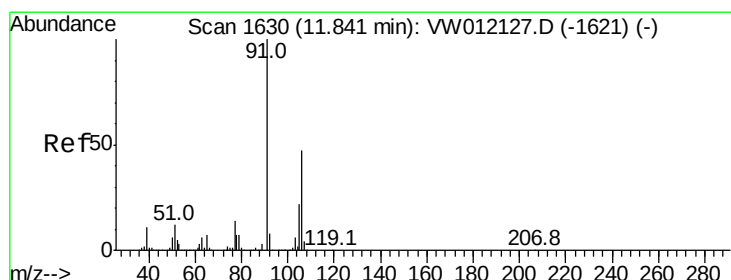
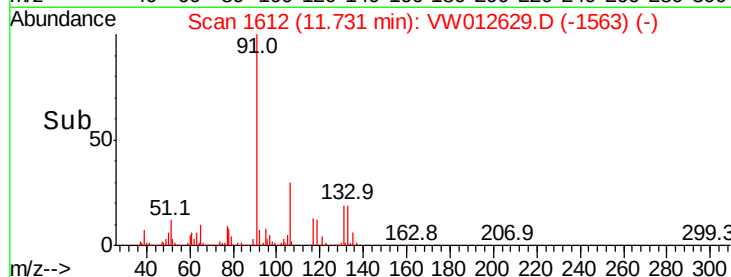
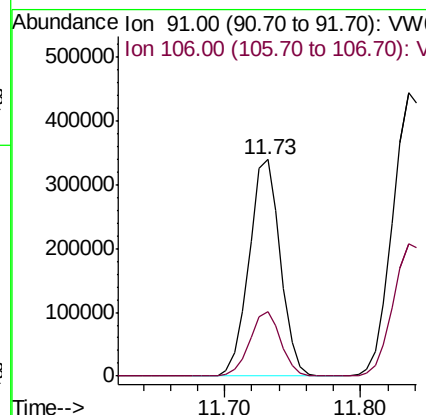
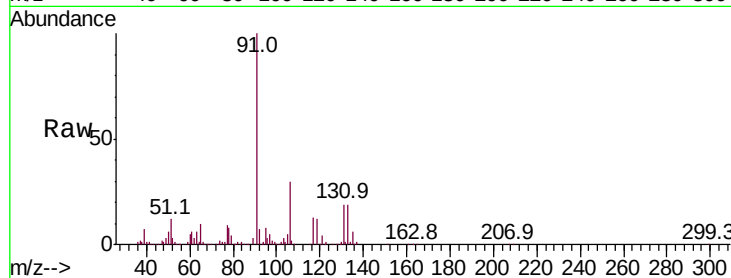




#67
Ethyl Benzene
Concen: 54.628 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

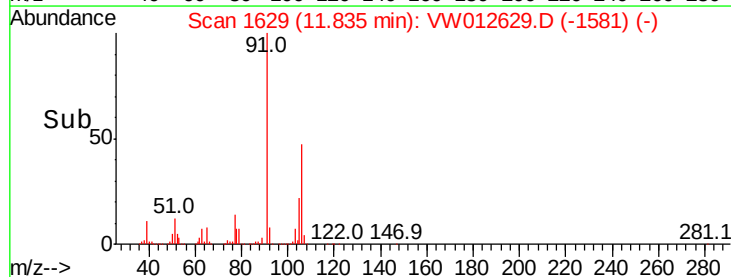
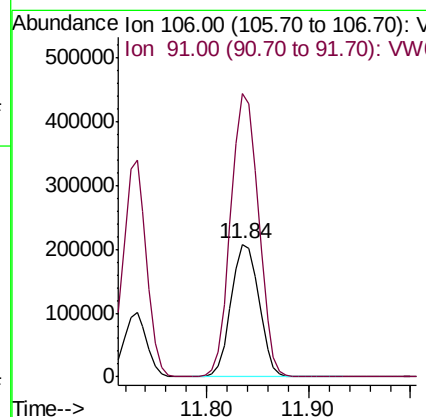
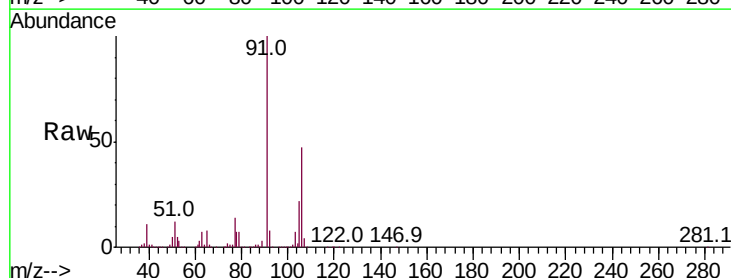
Instrument :
MSVOA_W
ClientSampleId :

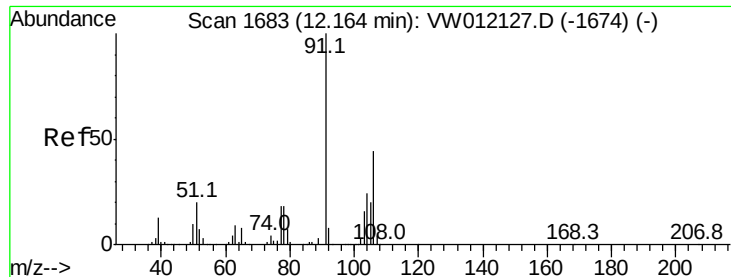
Tot Ion: 91 Resp: 547607
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 109.158 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 106 Resp: 394156
Ion Ratio Lower Upper
106 100
91 213.1 169.5 254.3

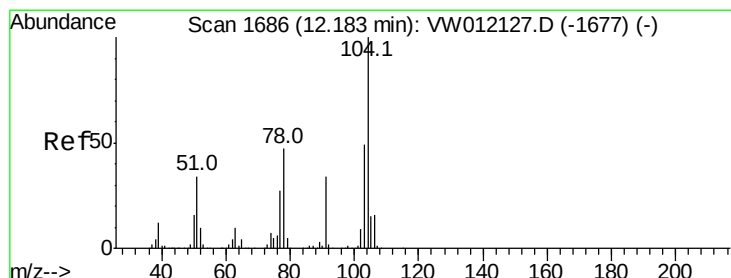
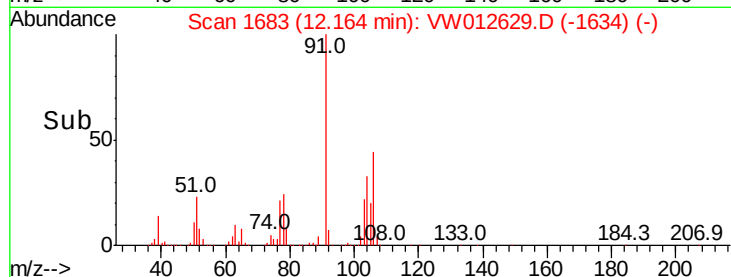
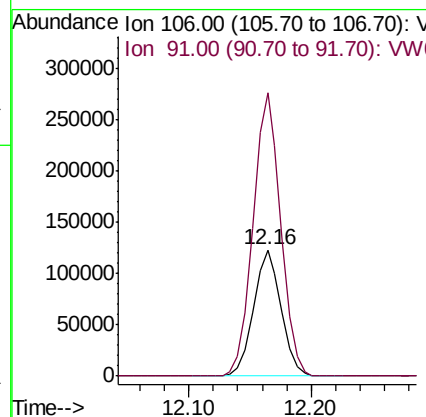
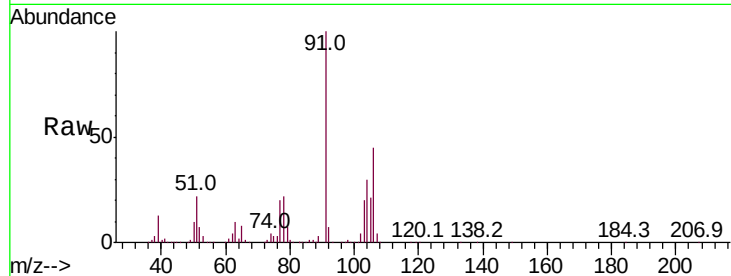




#69
o-Xylene
Concen: 57.373 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

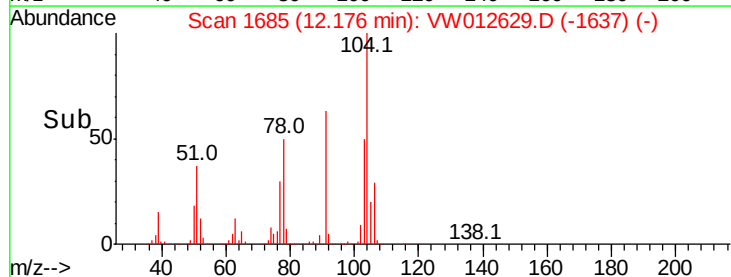
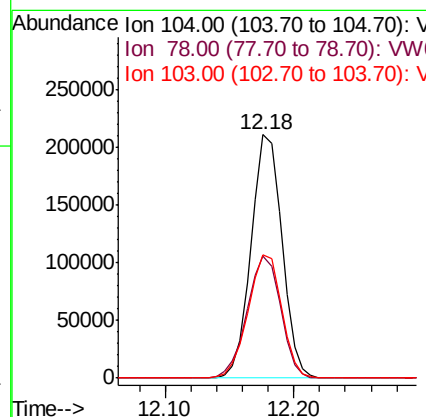
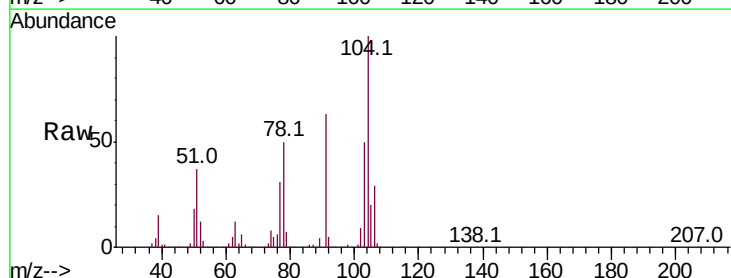
Instrument :
MSVOA_W
ClientSampled :

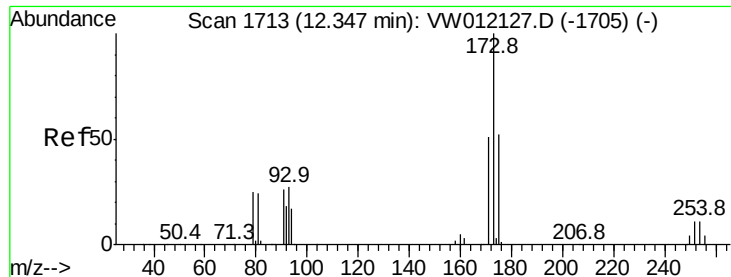
Tot Ion:106 Resp: 191741
Ion Ratio Lower Upper
106 100
91 226.3 111.6 334.6



#70
Styrene
Concen: 60.363 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Tgt Ion:104 Resp: 349179
Ion Ratio Lower Upper
104 100
78 54.6 43.1 64.7
103 55.1 43.5 65.3





#71

Bromoform

Concen: 72.621 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

ClientSampled :

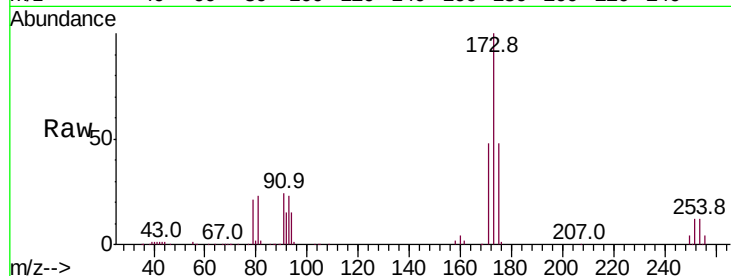
Tot Ion:173 Resp: 65685

Ion Ratio Lower Upper

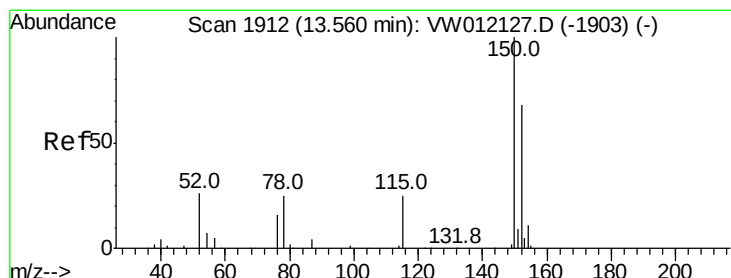
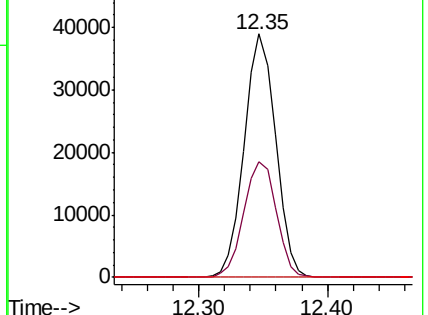
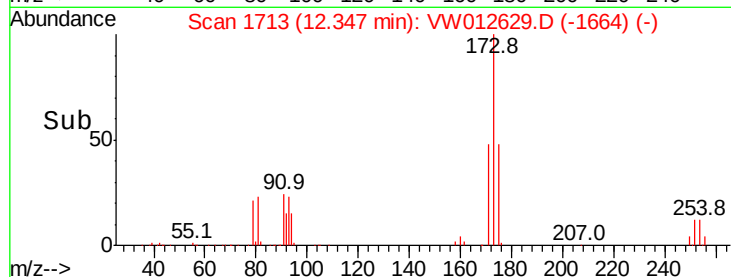
173 100

175 49.0 24.6 74.0

254 0.3 0.2 0.2#



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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

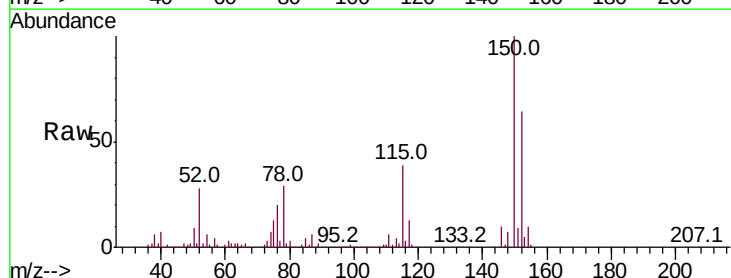
Tgt Ion:152 Resp: 132048

Ion Ratio Lower Upper

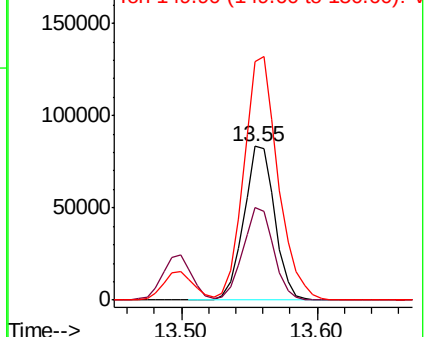
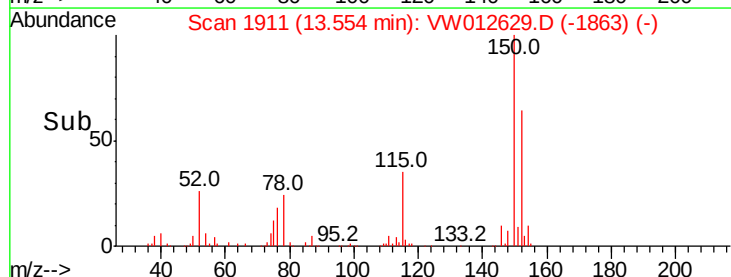
152 100

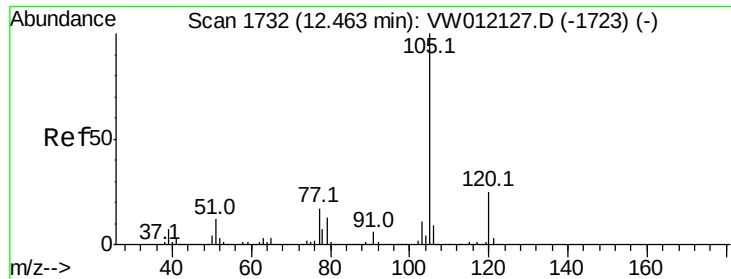
115 59.7 30.1 90.3

150 174.8 0.0 345.8



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: 51.471 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

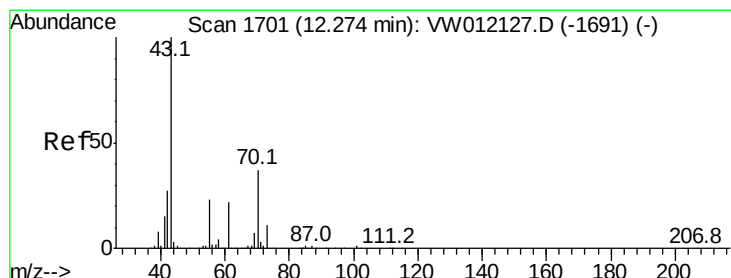
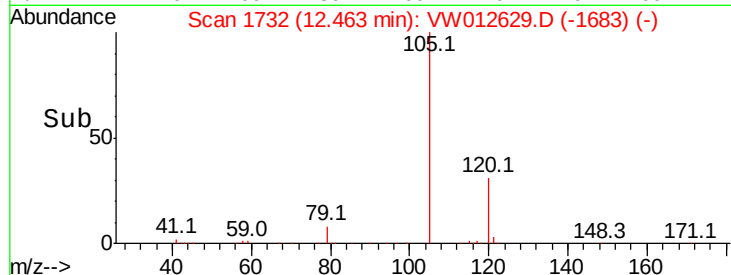
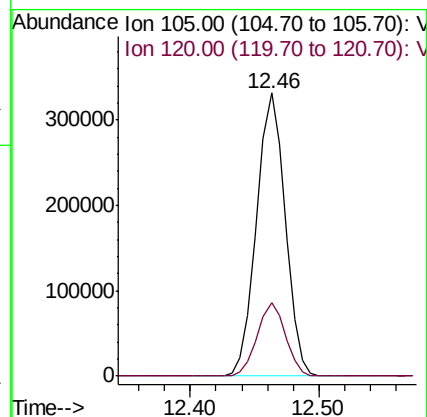
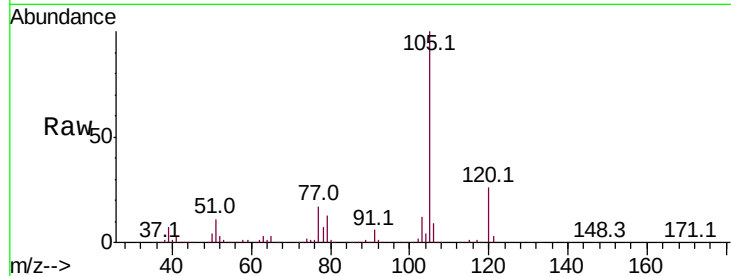
ClientSampleId :

Tot Ion:105 Resp: 509280

Ion Ratio Lower Upper

105 100

120 25.5 12.5 37.5



#74

N-ethyl acetate

Concen: 63.658 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Tgt Ion: 43 Resp: 190300

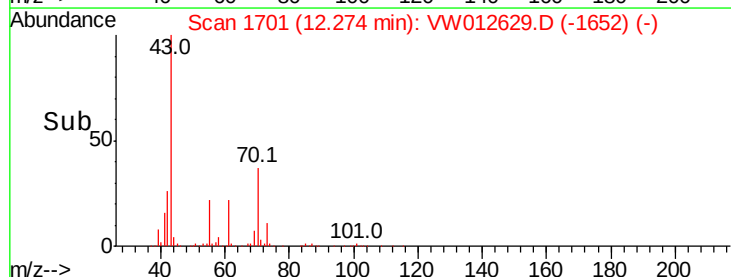
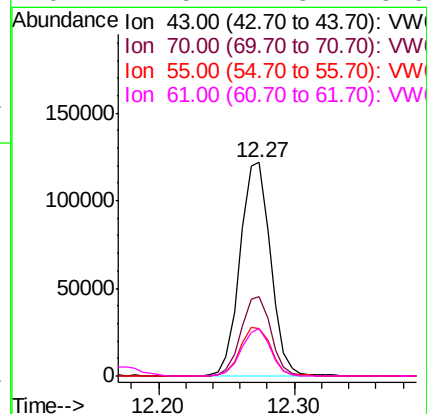
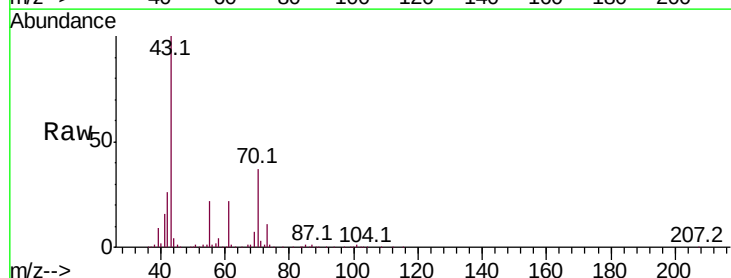
Ion Ratio Lower Upper

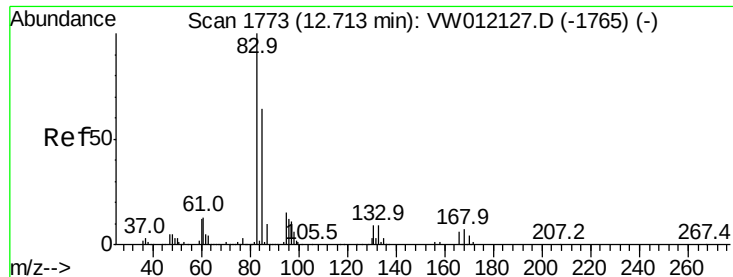
43 100

70 36.6 28.6 43.0

55 23.2 17.8 26.6

61 21.5 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 64.035 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

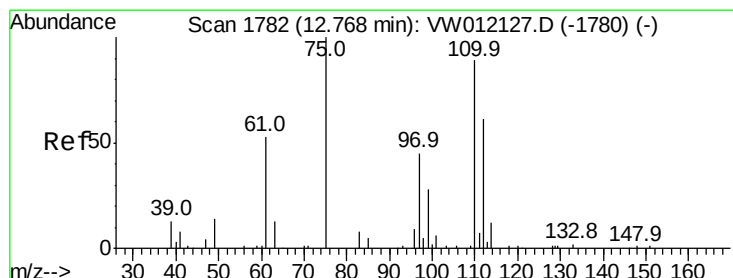
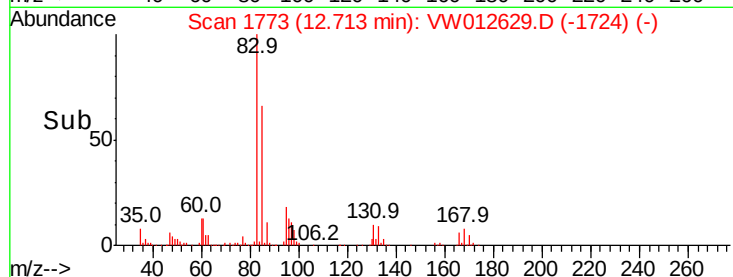
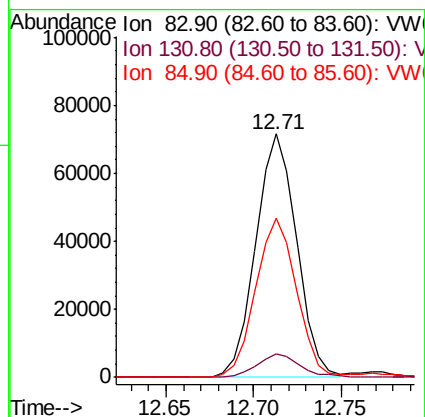
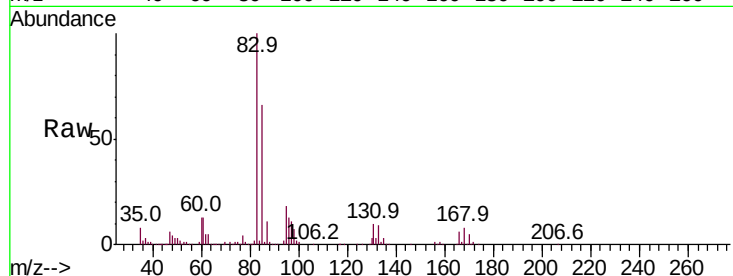
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 83 Resp: 116157

Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	65.1	31.9	95.7



#76

1,2,3-Trichloropropane

Concen: 121.531 ug/l

RT: 12.77 min Scan# 1782

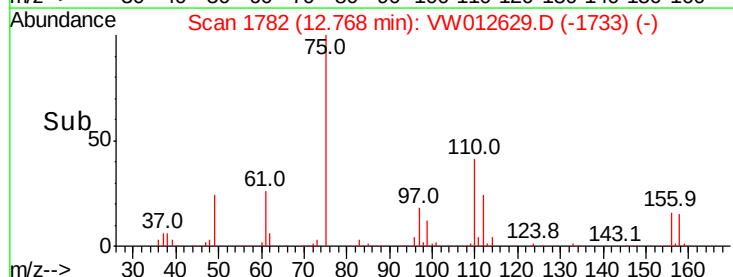
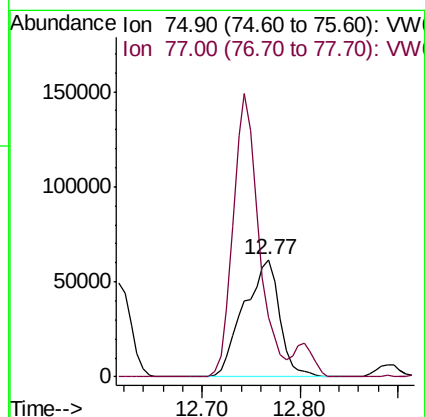
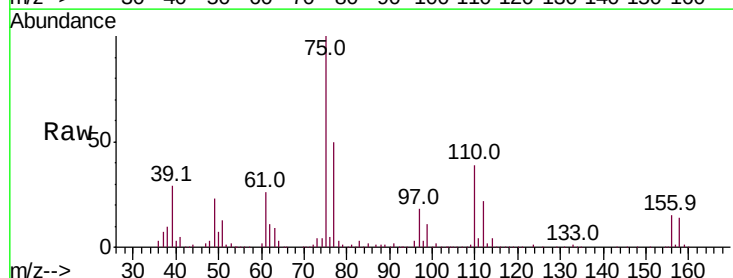
Delta R.T. -0.00 min

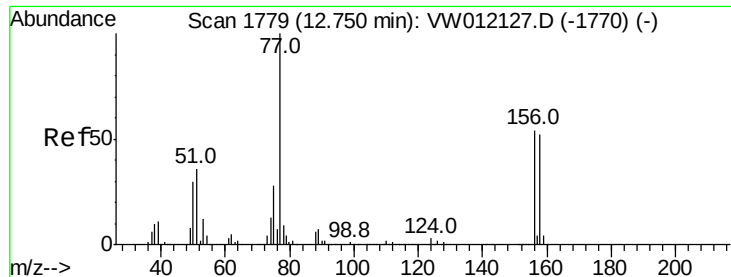
Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Tgt Ion: 75 Resp: 156295

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 59.590 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

ClientSampleId :

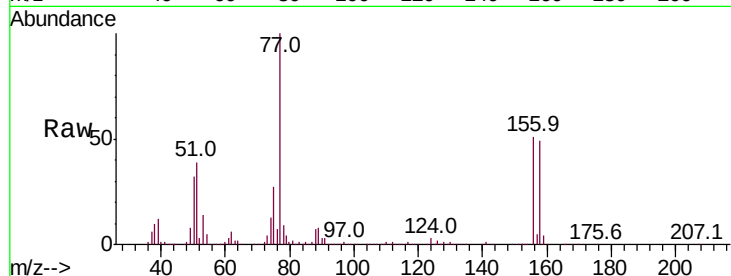
Tot Ion:156 Resp: 127558

Ion Ratio Lower Upper

156 100

77 213.1 107.3 321.8

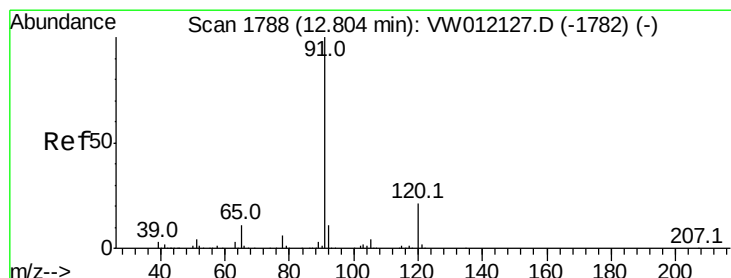
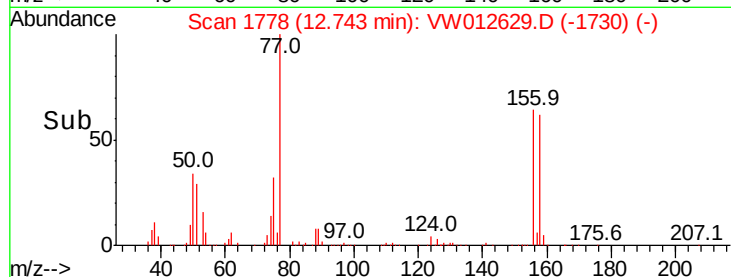
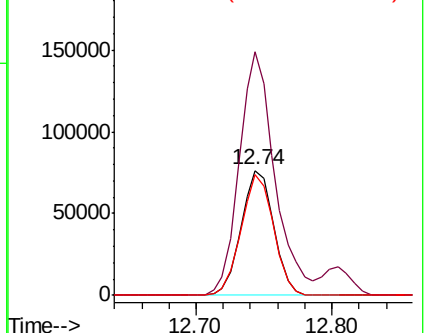
158 96.4 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VW

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 50.547 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012629.D

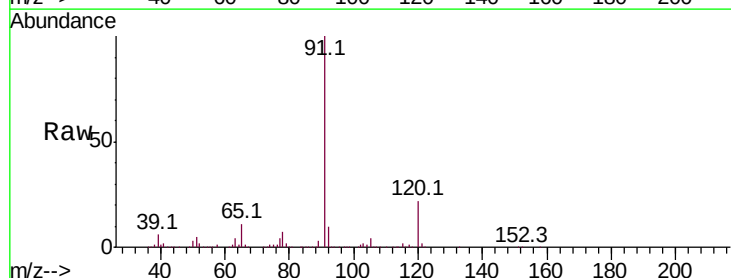
Acq: 05 Sep 2019 09:37

Tgt Ion: 91 Resp: 610563

Ion Ratio Lower Upper

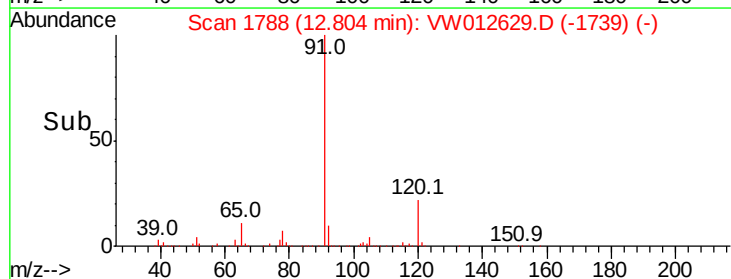
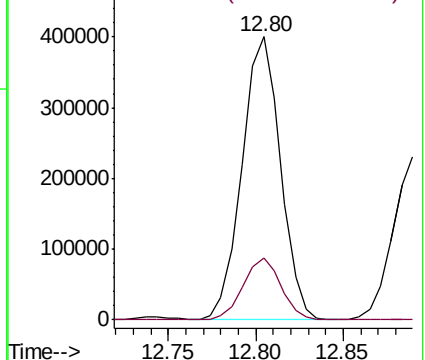
91 100

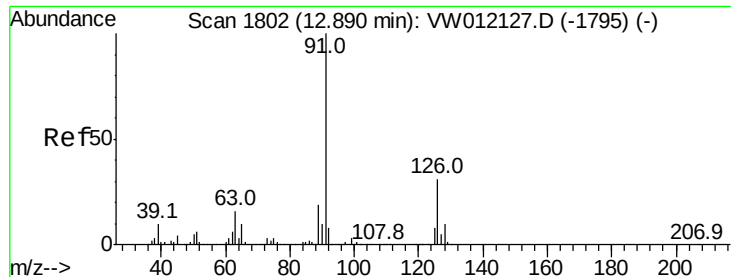
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.30): VW

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 54.349 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

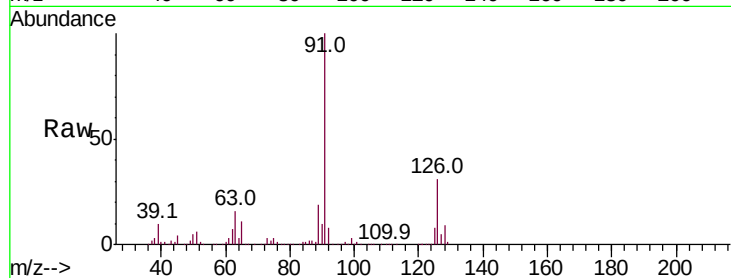
ClientSampleId :

Tot Ion: 91 Resp: 372723

Ion Ratio Lower Upper

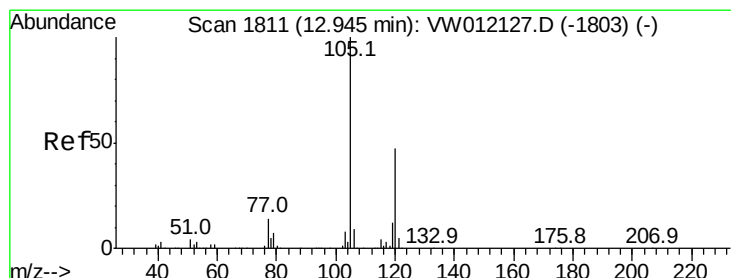
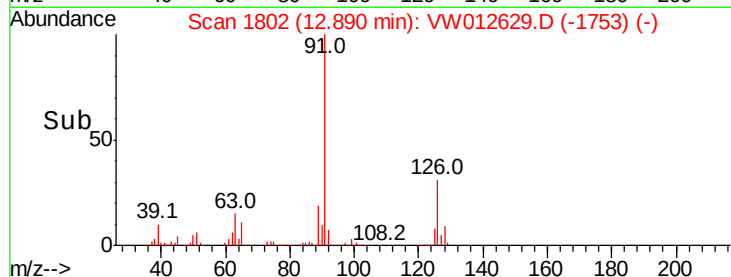
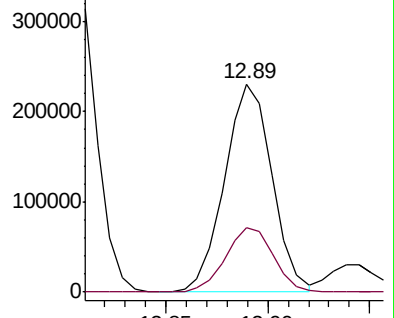
91 100

126 31.2 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.530 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012629.D

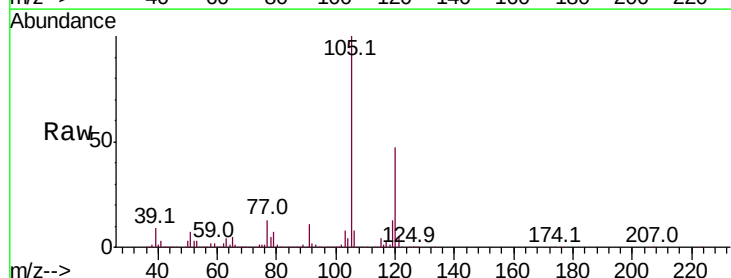
Acq: 05 Sep 2019 09:37

Tgt Ion:105 Resp: 450847

Ion Ratio Lower Upper

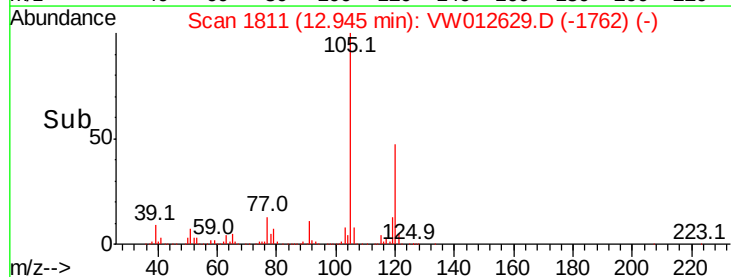
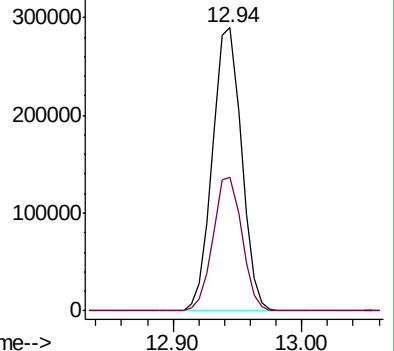
105 100

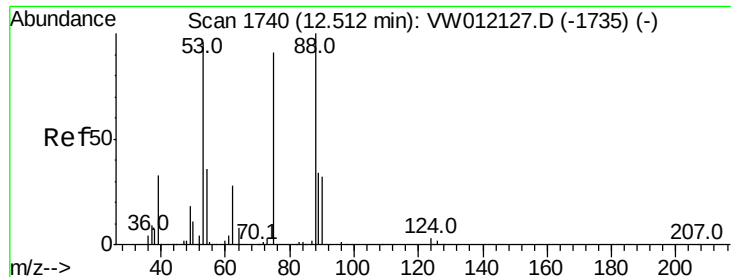
120 47.2 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

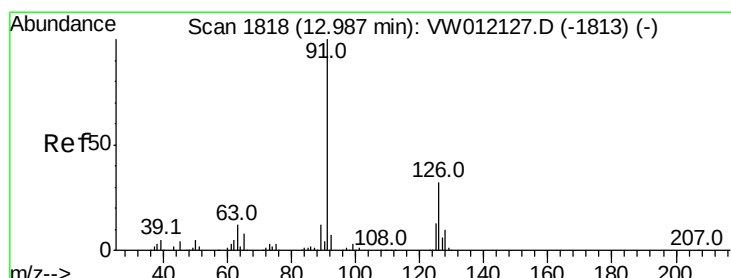
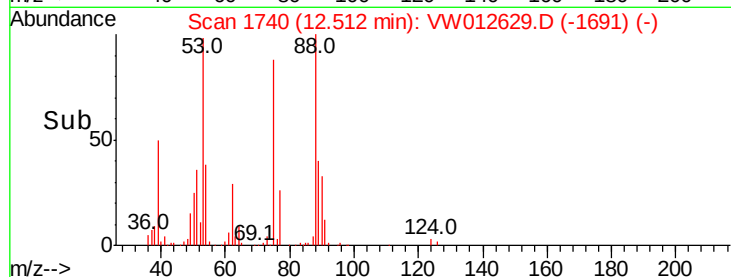
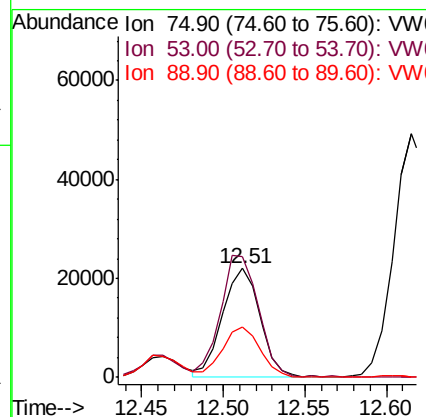
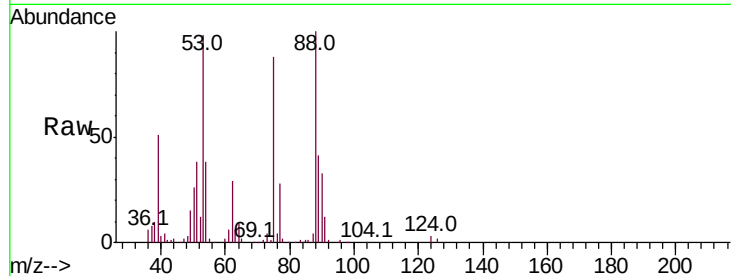




#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.943 ug/l
 RT: 12.51 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

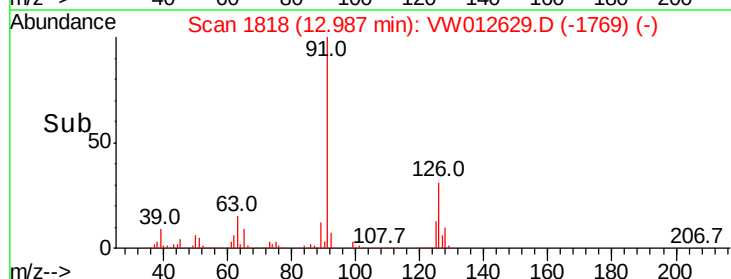
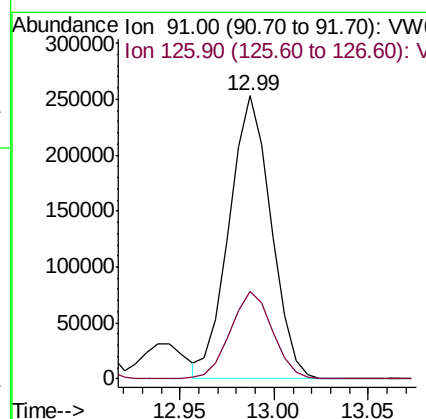
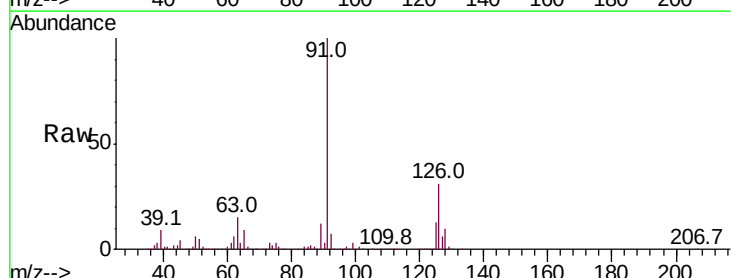
Instrument :
 MSVOA_W
 ClientSampleId :

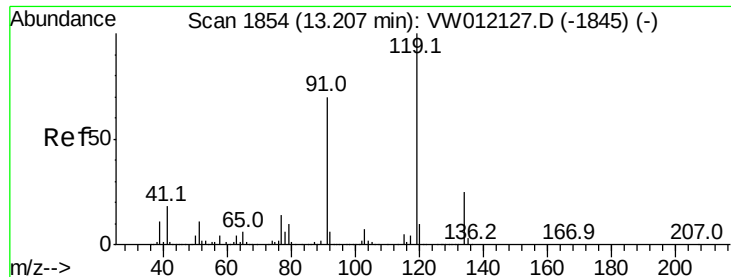
Tot Ion: 75 Resp: 35160
 Ion Ratio Lower Upper
 75 100
 53 114.9 89.4 134.0
 89 47.2 34.5 51.7



#82
 4-Chlorotoluene
 Concen: 54.542 ug/l
 RT: 12.99 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Tgt Ion: 91 Resp: 391653
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.6 46.8

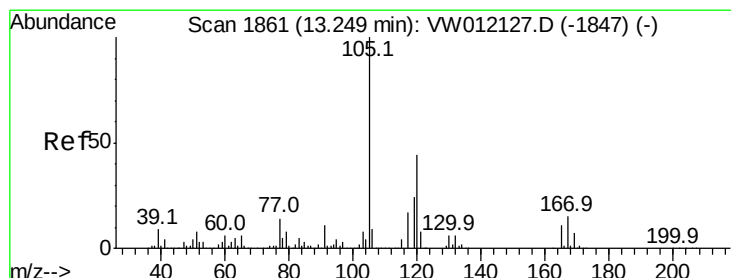
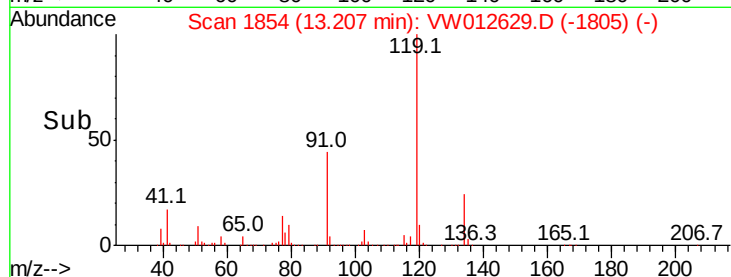
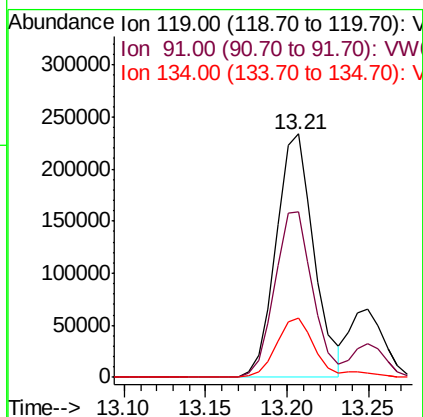
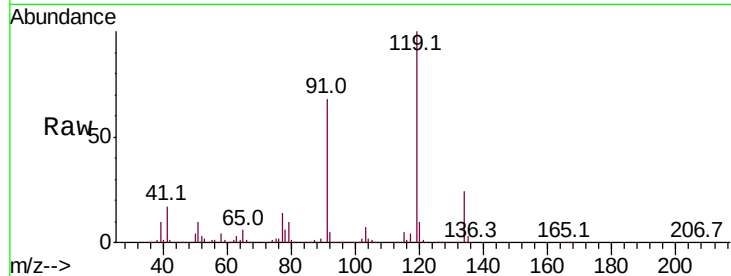




#83
 tert-Butylbenzene
 Concen: 53.800 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

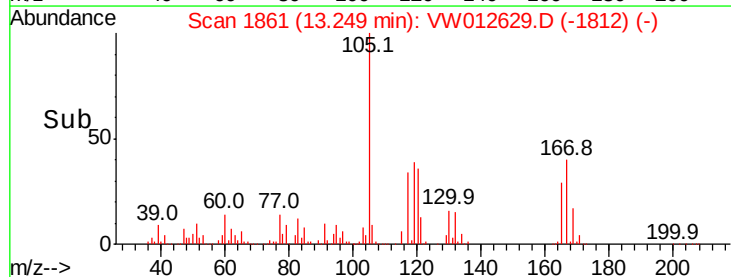
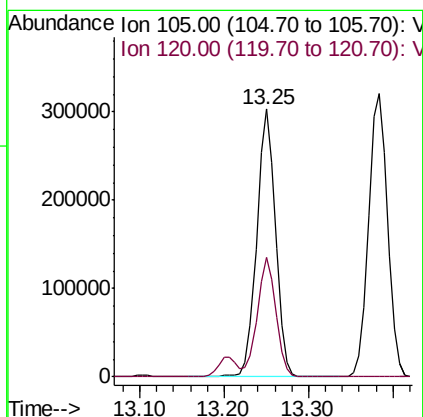
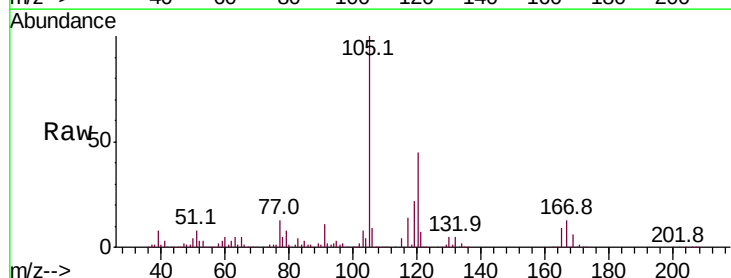
Instrument :
 MSVOA_W
 ClientSampled :

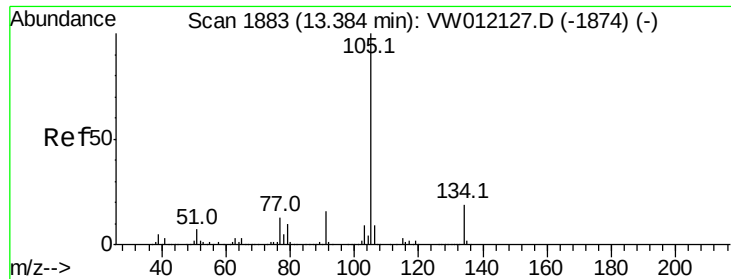
Tot Ion:119 Resp: 376788
 Ion Ratio Lower Upper
 119 100
 91 68.6 34.8 104.3
 134 26.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.440 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Tgt Ion:105 Resp: 460446
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.9 65.7

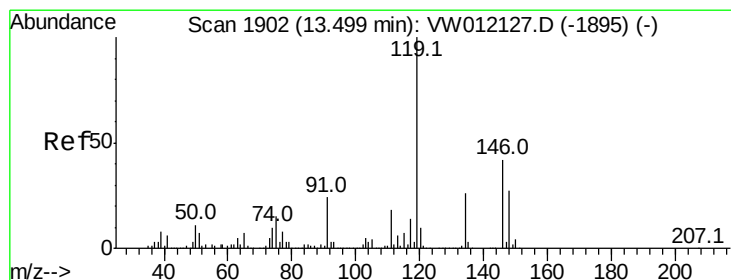
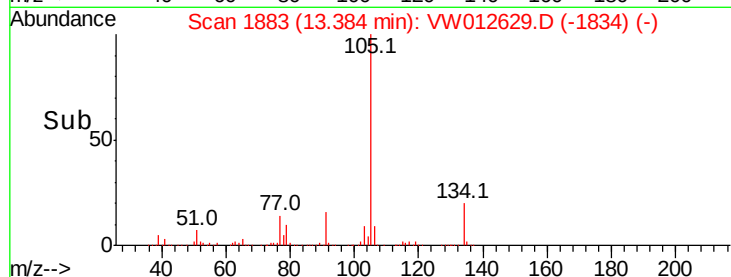
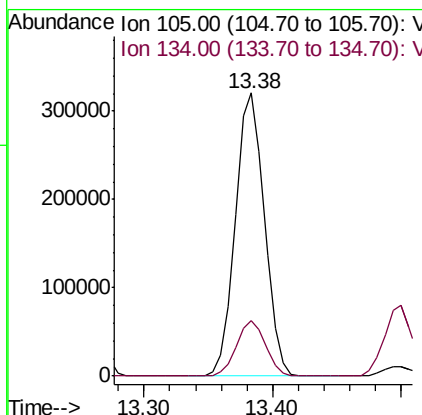
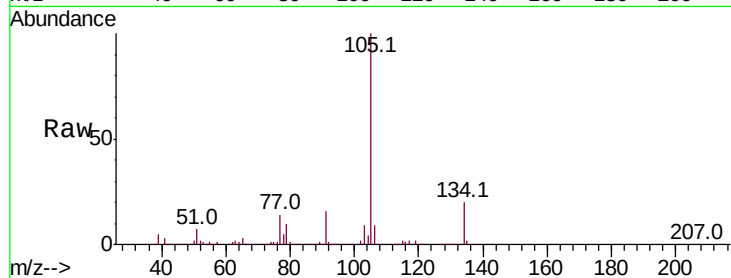




#85
 sec-Butylbenzene
 Concen: 49.957 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

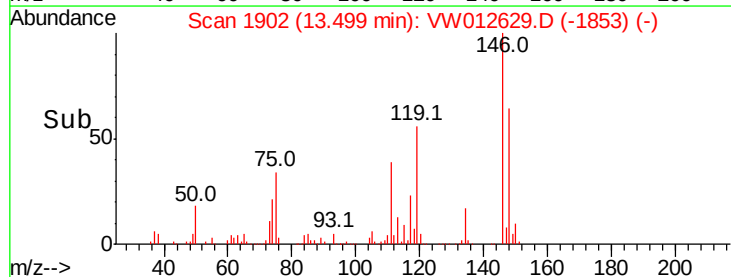
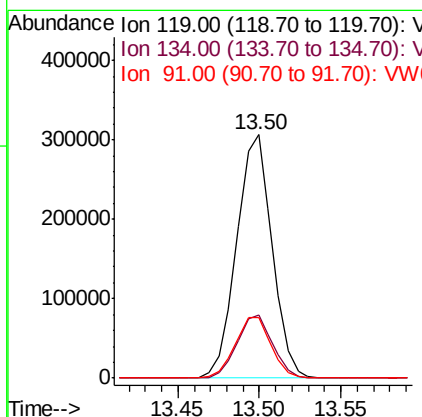
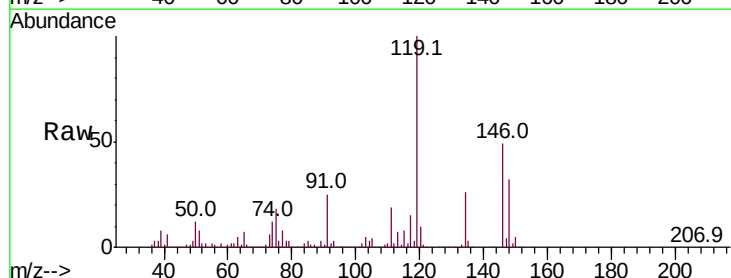
Instrument :
 MSVOA_W
 ClientSampleId :

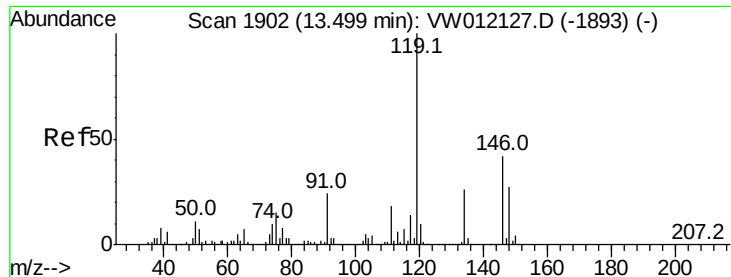
Tot Ion:105 Resp: 501259
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 51.585 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Tgt Ion:119 Resp: 462243
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.1 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 57.288 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

Instrument :

MSVOA_W

ClientSampled :

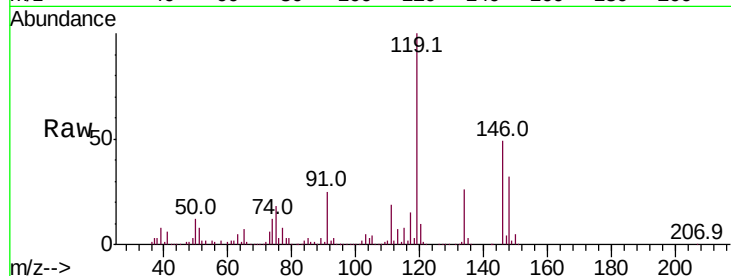
Tot Ion:146 Resp: 239857

Ion Ratio Lower Upper

146 100

111 40.4 20.9 62.7

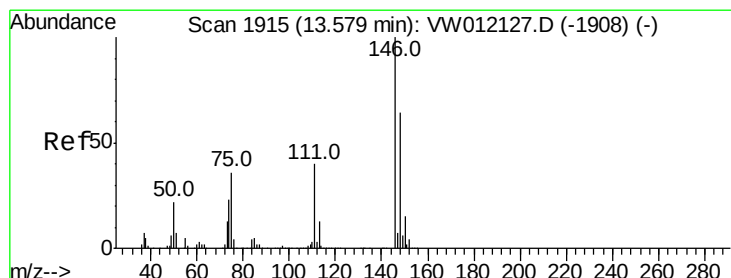
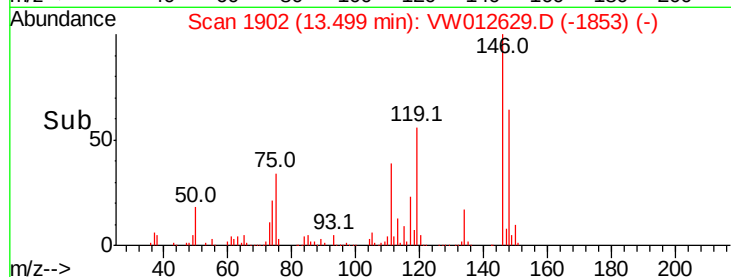
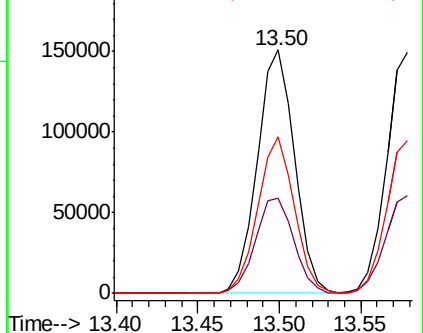
148 63.1 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 56.925 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW012629.D

Acq: 05 Sep 2019 09:37

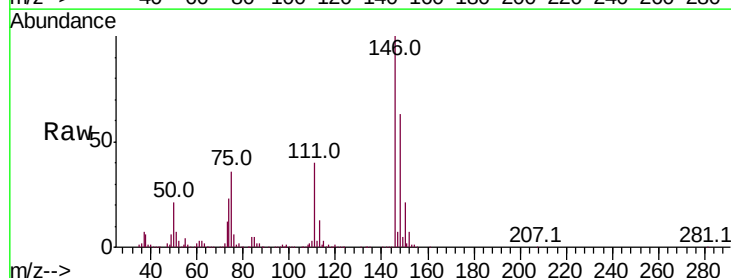
Tgt Ion:146 Resp: 236652

Ion Ratio Lower Upper

146 100

111 40.5 20.0 60.0

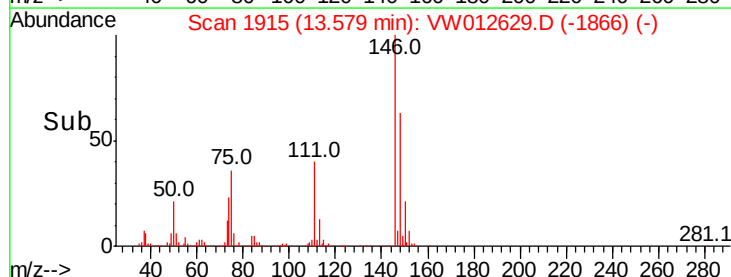
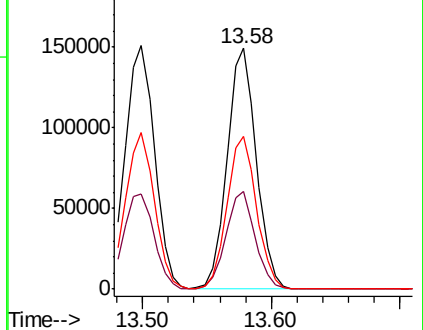
148 64.1 32.1 96.3

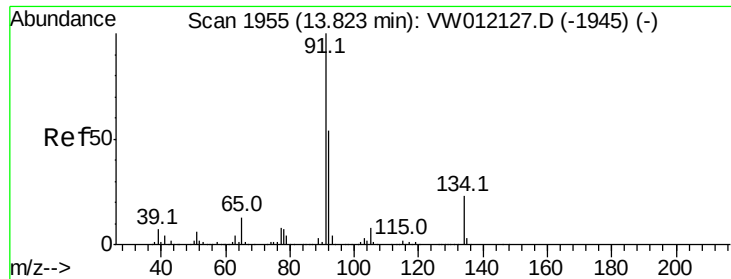


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

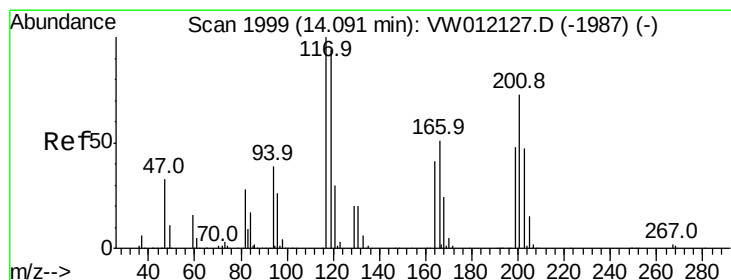
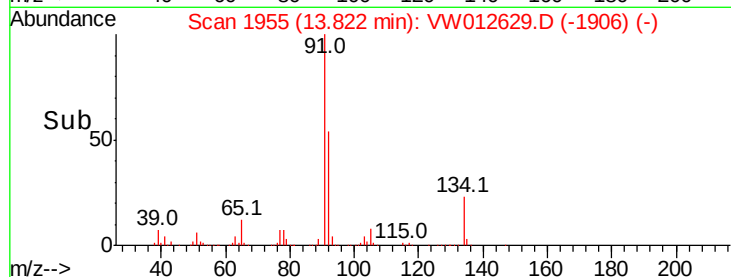
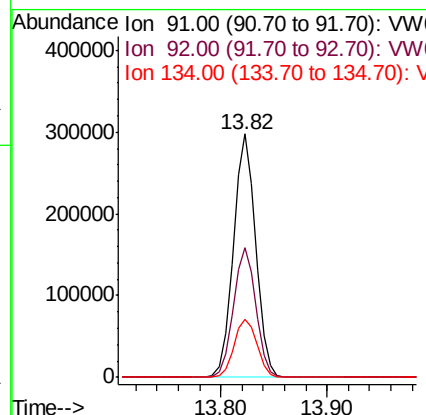
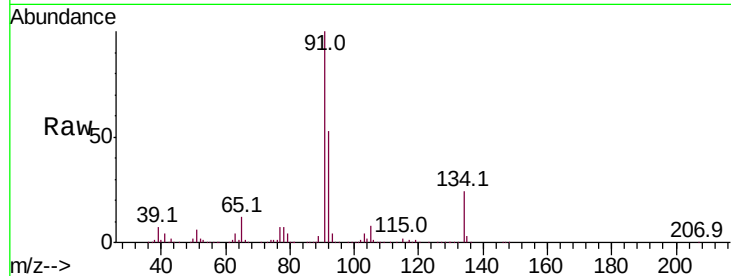




#89
n-Butylbenzene
Concen: 48.912 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

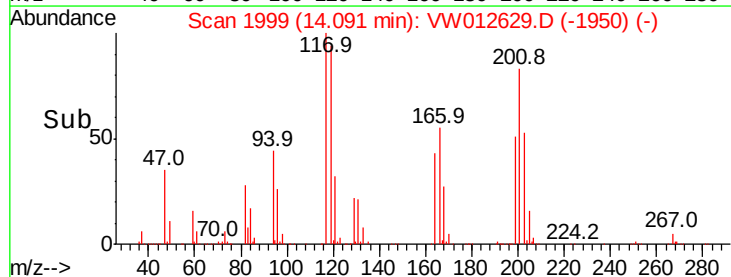
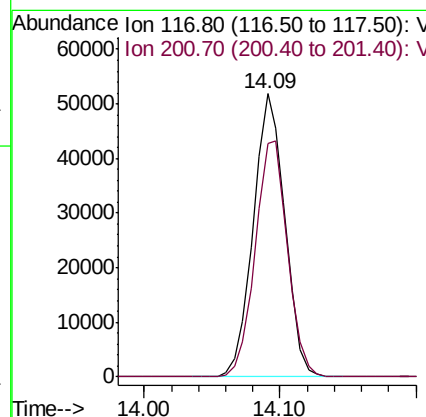
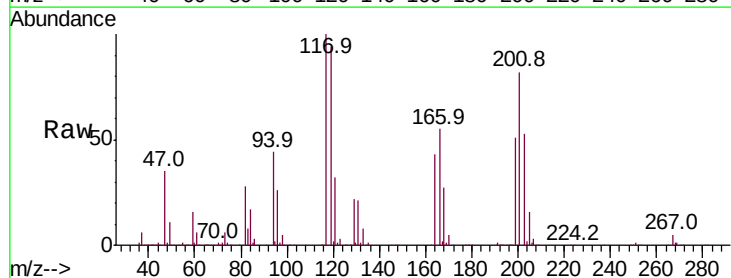
Instrument :
MSVOA_W
ClientSampleId :

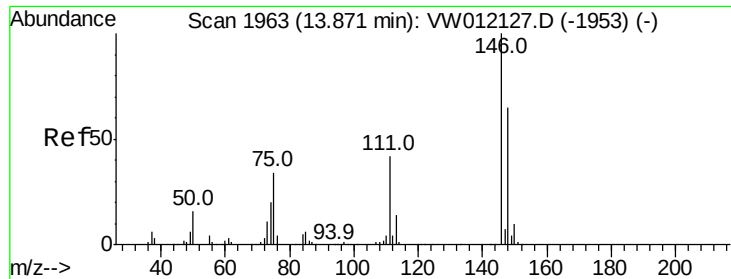
Tot Ion: 91 Resp: 435851
Ion Ratio Lower Upper
91 100
92 53.7 27.1 81.2
134 24.7 12.2 36.4



#90
Hexachloroethane
Concen: 53.789 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Tgt Ion: 117 Resp: 84564
Ion Ratio Lower Upper
117 100
201 85.3 38.6 115.7

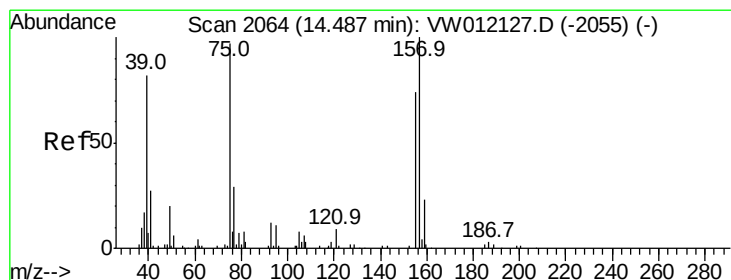
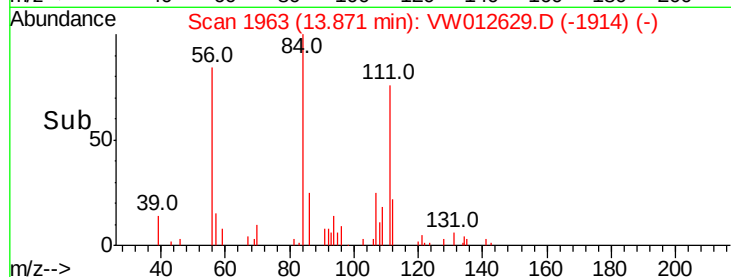
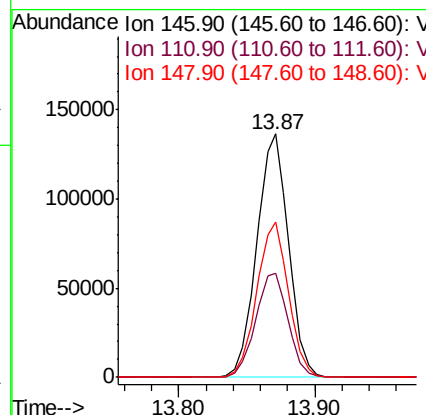
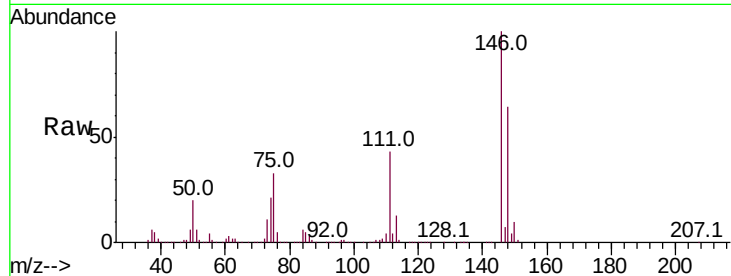




#91
 1,2-Dichlorobenzene
 Concen: 60.583 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

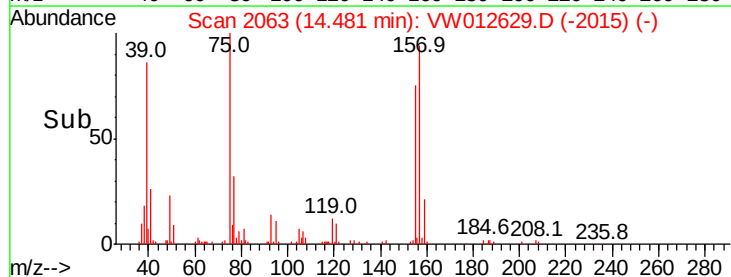
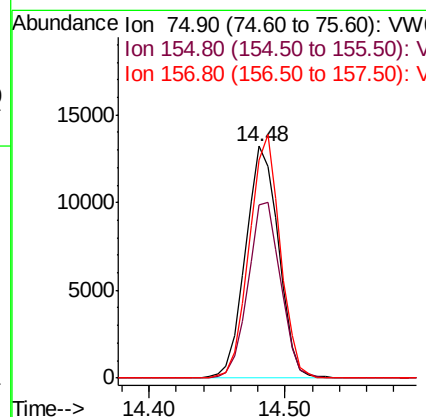
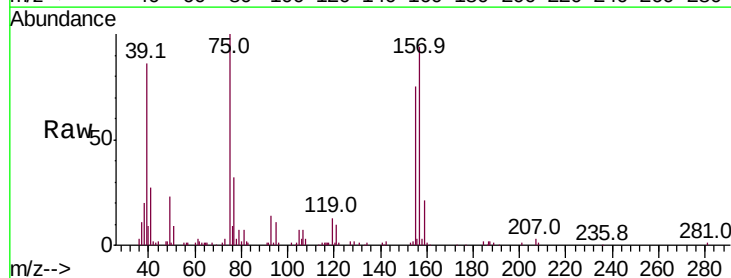
Instrument :
 MSVOA_W
 ClientSampleId :

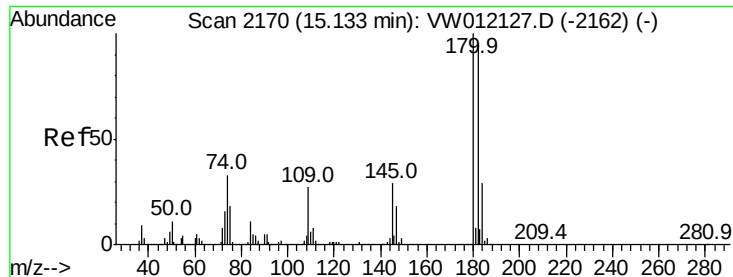
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.2	63.6
148	63.9	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 73.769 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.6	37.5	112.3
157	98.0	50.5	151.5

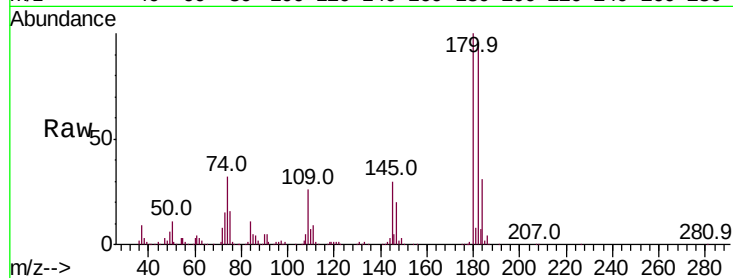




#93
 1,2,4-Trichlorobenzene
 Concen: 59.313 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.4
145	29.8	15.0	45.1

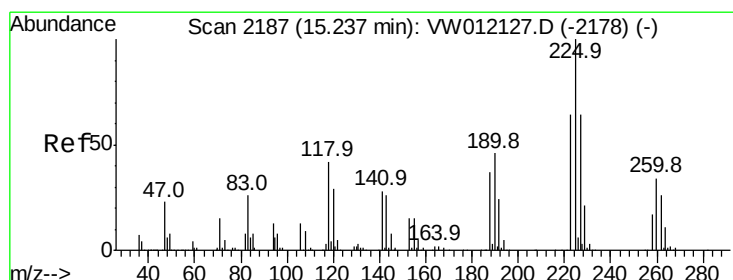
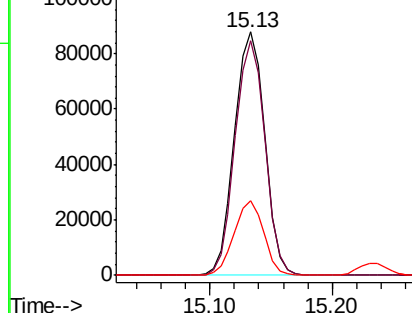
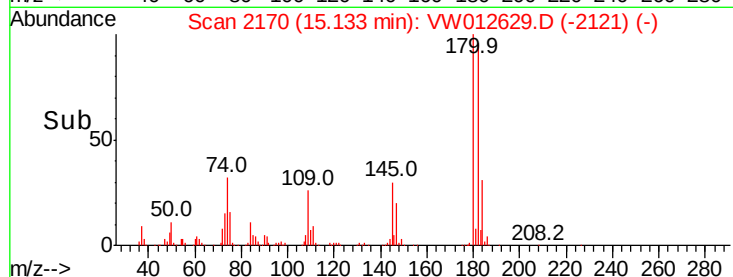


Abundance

Ion 179.80 (179.50 to 180.50): V

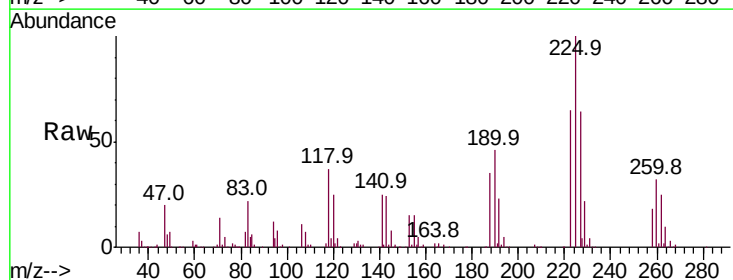
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.451 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012629.D
 Acq: 05 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.3	96.8
227	63.5	32.9	98.6

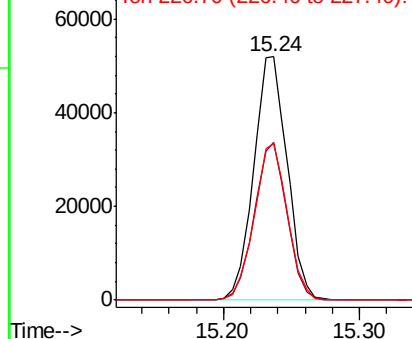
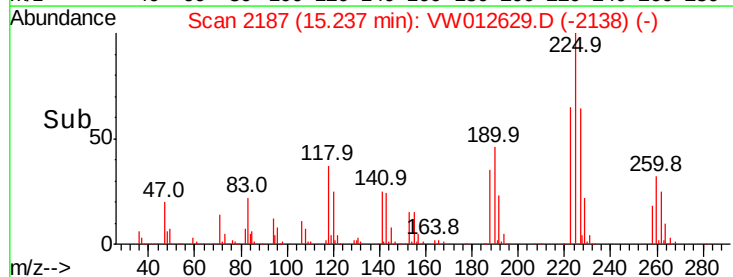


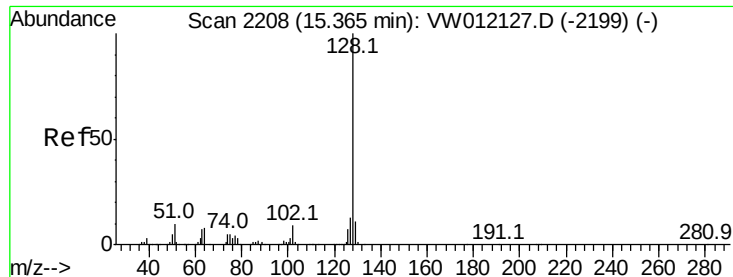
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

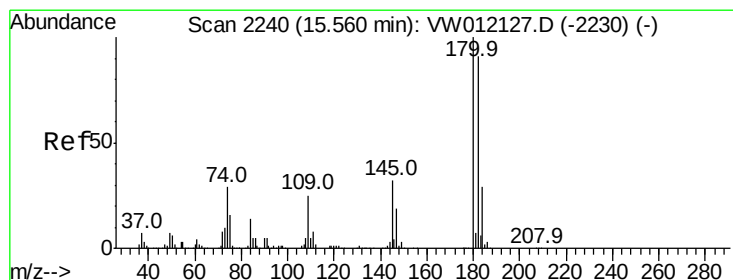
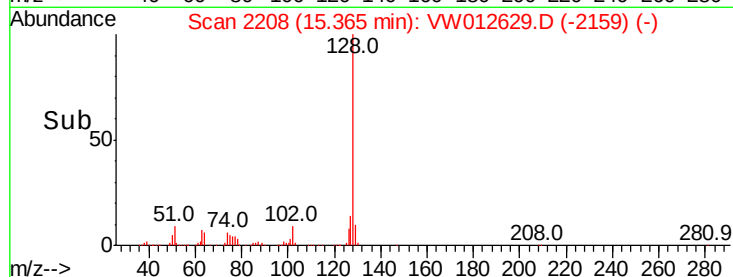
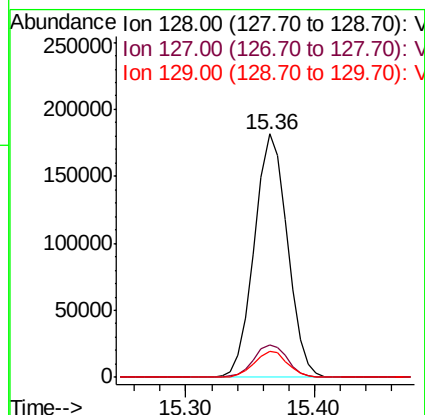
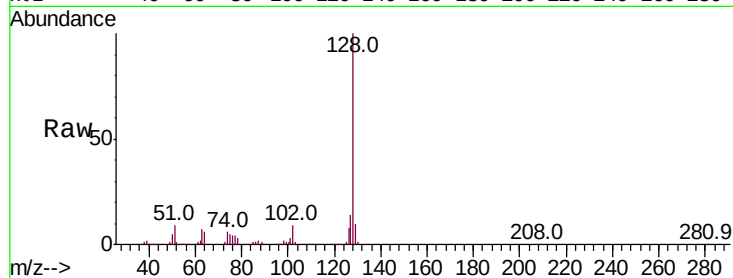




#95
Naphthalene
Concen: 63.366 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 321911
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 63.263 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012629.D
Acq: 05 Sep 2019 09:37

Tgt Ion:180 Resp: 140100
Ion Ratio Lower Upper
180 100
182 95.3 47.1 141.3
145 32.2 16.2 48.5

